

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX010995.D
 Acq On : 19 Jul 2019 12:21
 Operator : JC/SP
 Sample : VX0720WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:22:50 PM

Quant Time: Jul 20 01:21:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	118743	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.51	113	107393	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	401395	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	145005	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48269	20.412	ug/l	99
3) Chloromethane	1.33	50	40616	19.597	ug/l	96
4) Vinyl Chloride	1.41	62	43389	20.525	ug/l	98
5) Bromomethane	1.64	94	24026	20.168	ug/l	100
6) Chloroethane	1.73	64	26032	19.377	ug/l	99
7) Trichlorofluoromethane	1.93	101	73476	20.533	ug/l	96
8) Diethyl Ether	2.19	74	24072	19.524	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41613	20.366	ug/l	98
10) Methyl Iodide	2.51	142	38885	14.502	ug/l	99
11) Tert butyl alcohol	3.05	59	54430	97.476	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40143	19.997	ug/l	97
13) Acrolein	2.29	56	24553	76.105	ug/l	100
14) Allyl chloride	2.73	41	58587	20.092	ug/l	99
15) Acrylonitrile	3.15	53	113888	100.934	ug/l	99
16) Acetone	2.45	43	110849	102.363	ug/l	100
17) Carbon Disulfide	2.57	76	95260	18.499	ug/l	99
18) Methyl Acetate	2.78	43	50745	20.580	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	129760	20.079	ug/l	98
20) Methylene Chloride	2.86	84	45982	20.037	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42386	19.899	ug/l	100
22) Diisopropyl ether	3.86	45	123827	20.135	ug/l	92
23) Vinyl Acetate	3.82	43	534748	102.623	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71472	20.011	ug/l	99
25) 2-Butanone	4.68	43	161597	103.955	ug/l	98
26) 2,2-Dichloropropane	4.58	77	57231	19.516	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49266	19.985	ug/l	98
28) Bromochloromethane	5.02	49	35161	20.891	ug/l	99
29) Tetrahydrofuran	5.13	42	99664	101.215	ug/l	99
30) Chloroform	5.21	83	76674	19.861	ug/l	97
31) Cyclohexane	5.59	56	64581	19.838	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	66565	19.930	ug/l	99
36) 1,1-Dichloropropene	5.81	75	55292	19.924	ug/l	99
37) Ethyl Acetate	4.84	43	58658	20.642	ug/l	97
38) Carbon Tetrachloride	5.79	117	56733	19.618	ug/l	96

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Instrument :
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Manual Integrations
 APPROVED

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 7/22/2019 5:22:50 PM

Quant Time: Jul 20 01:21:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69553	19.326	ug/l	98
40) Benzene	6.15	78	170085	20.008	ug/l	97
41) Methacrylonitrile	5.04	41	32075	19.883	ug/l	98
42) 1,2-Dichloroethane	6.20	62	58599	19.825	ug/l	100
43) Isopropyl Acetate	6.45	43	93916	20.099	ug/l	100
44) Trichloroethene	7.21	130	50481	20.061	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42697	19.734	ug/l	98
46) Dibromomethane	7.66	93	30717	19.868	ug/l	99
47) Bromodichloromethane	7.90	83	54850	19.930	ug/l	97
48) Methyl methacrylate	7.77	41	44981	19.761	ug/l	99
49) 1,4-Dioxane	7.74	88	26056	409.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	313509	103.503	ug/l	99
52) Toluene	8.79	92	111405	19.949	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56245	19.006	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	65778	19.976	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	46935	20.412	ug/l	95
56) Ethyl methacrylate	9.18	69	68807	20.457	ug/l	98
57) 1,3-Dichloropropane	9.37	76	72791	19.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	171313	106.697	ug/l	99
59) 2-Hexanone	9.49	43	247217	105.228	ug/l	100
60) Dibromochloromethane	9.58	129	46331	19.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	49755	20.389	ug/l	99
64) Tetrachloroethene	9.34	164	47340	19.675	ug/l	94
65) Chlorobenzene	10.13	112	125400	19.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44486	20.150	ug/l	99
67) Ethyl Benzene	10.25	91	216085	20.209	ug/l	99
68) m/p-Xylenes	10.36	106	165599	40.375	ug/l	99
69) o-Xylene	10.69	106	80669	20.153	ug/l	99
70) Styrene	10.71	104	133920	20.069	ug/l	98
71) Bromoform	10.85	173	33306	18.273	ug/l #	100
73) Isopropylbenzene	11.02	105	216944	20.049	ug/l	99
74) N-amyl acetate	10.90	43	82585	19.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71224	20.114	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59996m	20.762	ug/l	
77) Bromobenzene	11.26	156	57740	19.346	ug/l	98
78) n-propylbenzene	11.36	91	243142	20.337	ug/l	98
79) 2-Chlorotoluene	11.42	91	143059	19.919	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180222	19.933	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18690	19.062	ug/l	93
82) 4-Chlorotoluene	11.51	91	167060	19.985	ug/l	100
83) tert-Butylbenzene	11.77	119	178501	20.099	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182284	20.003	ug/l	100
85) sec-Butylbenzene	11.94	105	209478	20.130	ug/l	99
86) p-Isopropyltoluene	12.06	119	194717	20.240	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103026	19.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102290	19.256	ug/l	97
89) n-Butylbenzene	12.38	91	164554	19.993	ug/l	100
90) Hexachloroethane	12.59	117	27947	18.417	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	104475	20.352	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15223	20.566	ug/l	96

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ClientSampleId :
VX0720WBS01

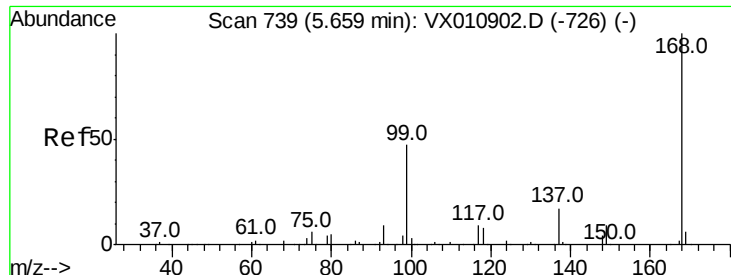
Manual Integrations
APPROVED

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7/22/2019 5:22:50 PM

Quant Time: Jul 20 01:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69708	20.037	ug/l	100
94) Hexachlorobutadiene	13.78	225	33737	19.569	ug/l	97
95) Naphthalene	13.83	128	213886	20.820	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	70029	20.231	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

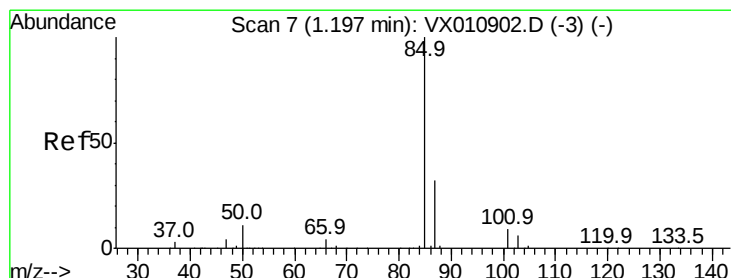
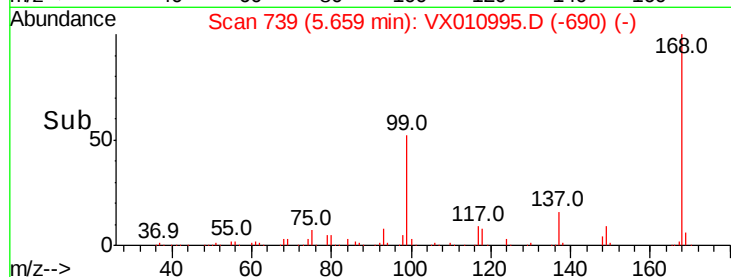
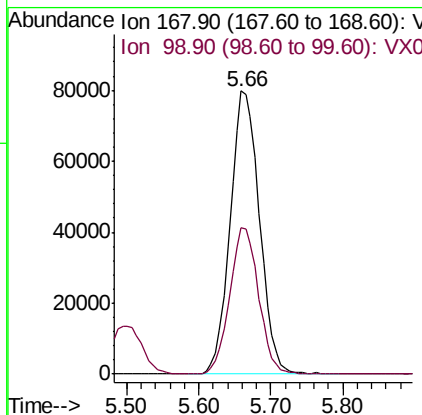
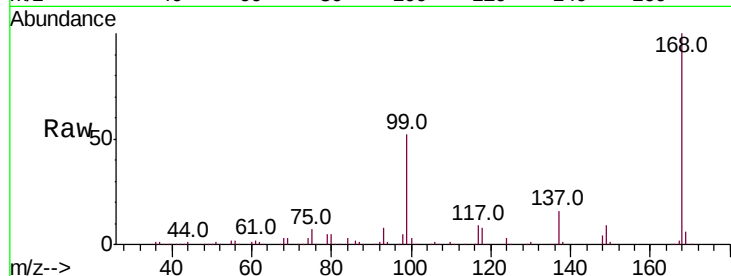
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.5	37.6	56.4

Manual Integrations
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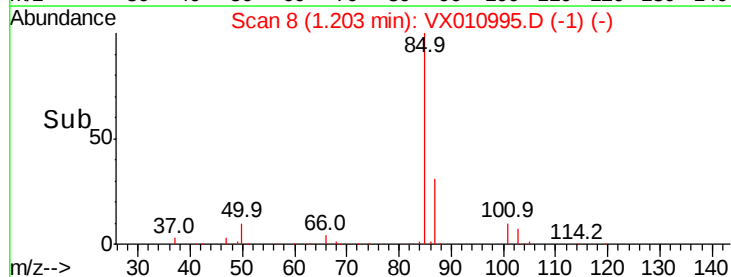
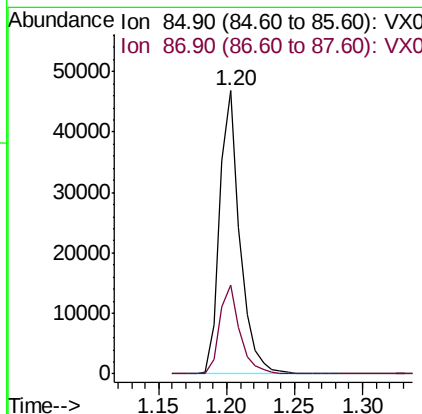
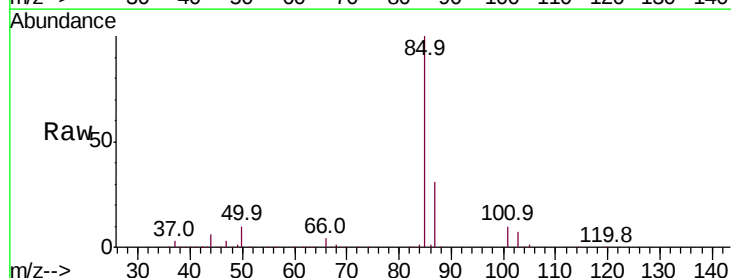
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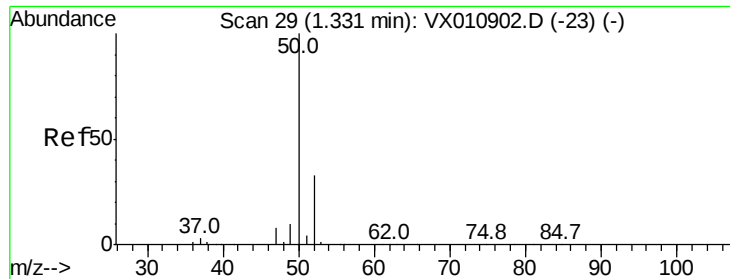


#2

Dichlorodifluoromethane
 Concen: 20.412 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.01 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.9	47.7





#3

Chloromethane

Concen: 19.597 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 50 Resp: 40616

Ion Ratio Lower Upper

50 100

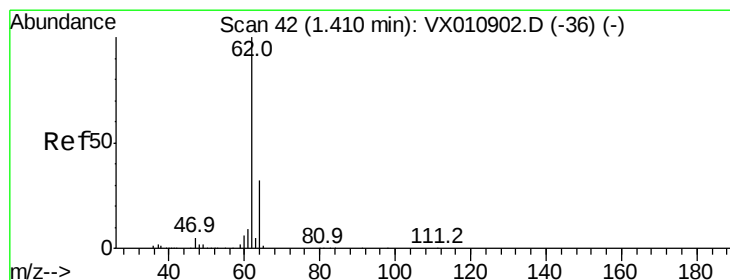
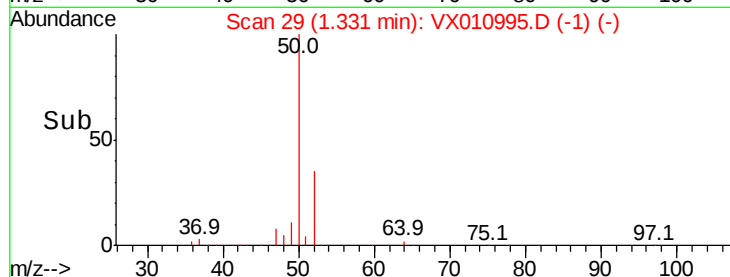
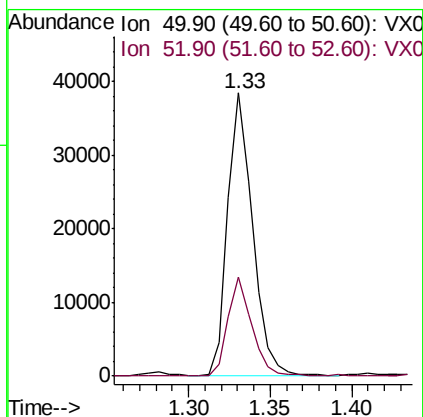
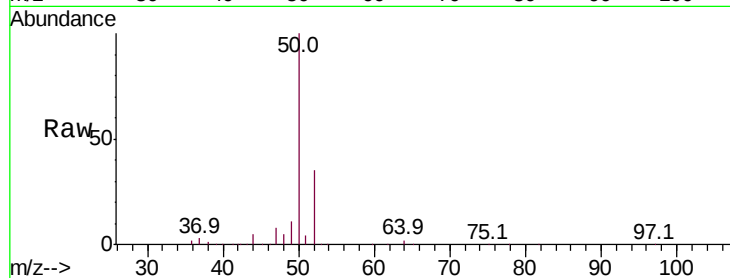
52 35.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.525 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010995.D

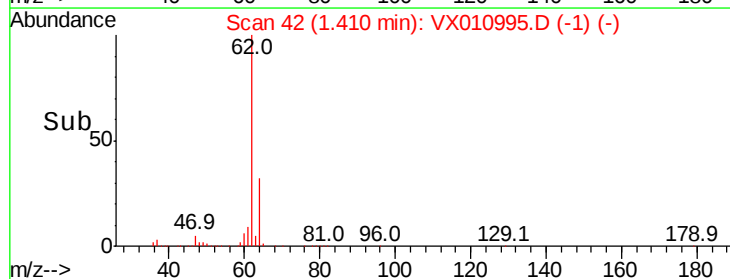
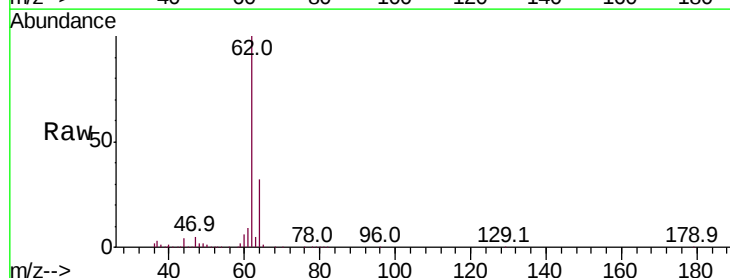
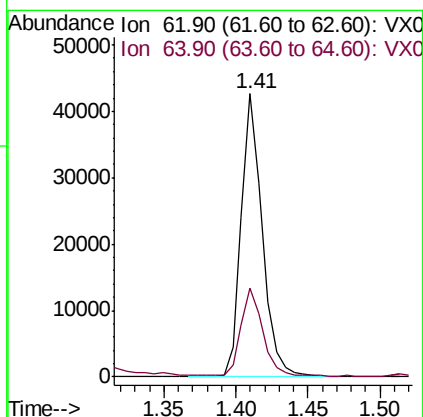
Acq: 19 Jul 2019 12:21

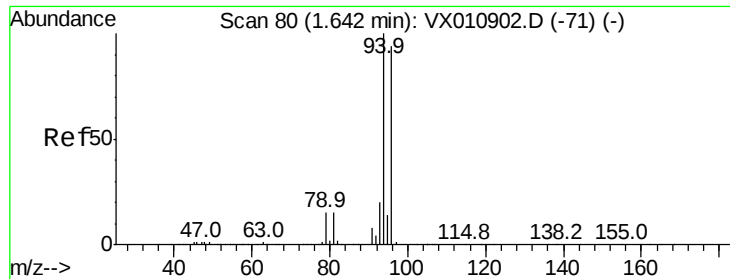
Tgt Ion: 62 Resp: 43389

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 20.168 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 94 Resp: 24026

Ion Ratio Lower Upper

94 100

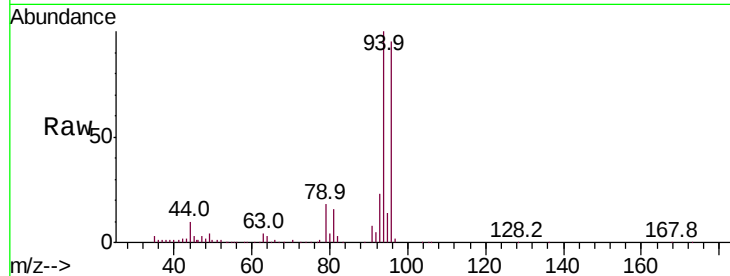
96 94.6 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

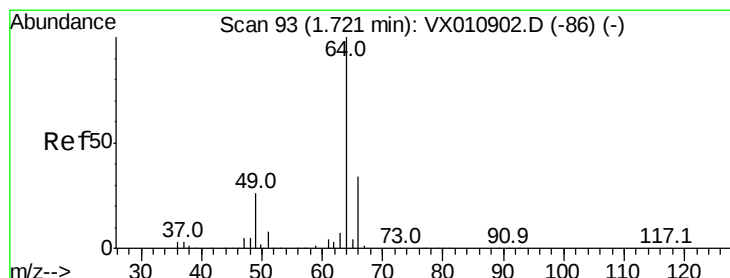
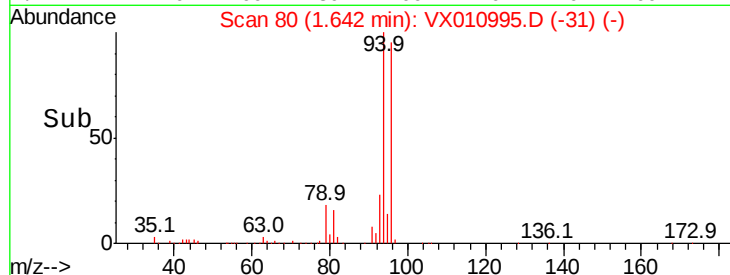
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.377 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010995.D

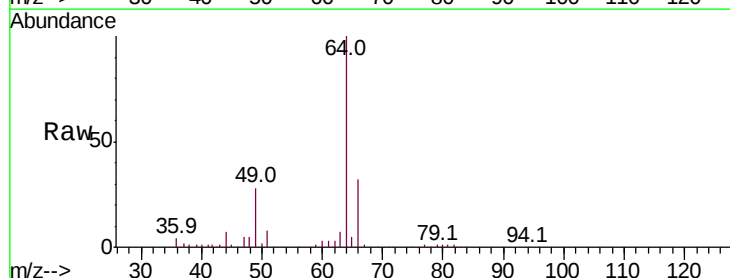
Acq: 19 Jul 2019 12:21

Tgt Ion: 64 Resp: 26032

Ion Ratio Lower Upper

64 100

66 33.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

20000

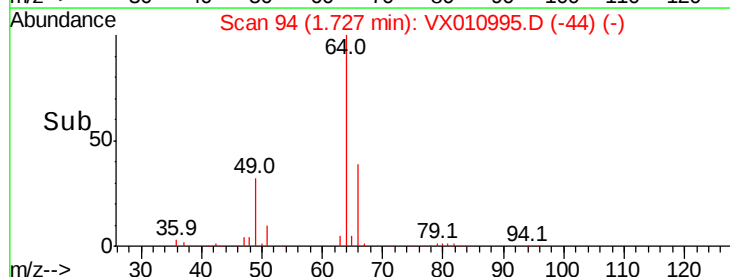
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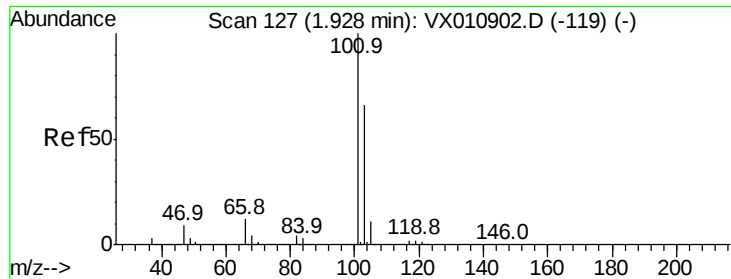
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5000

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Time-->





#7

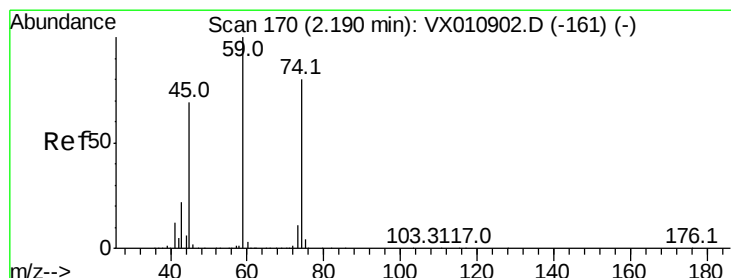
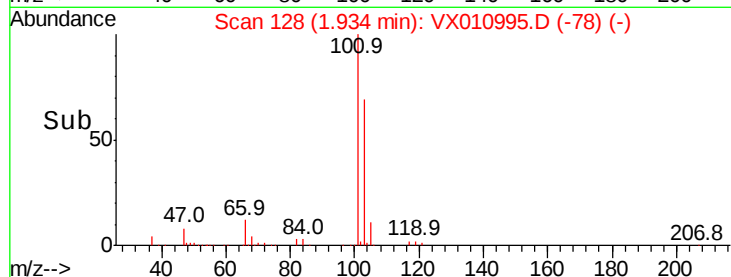
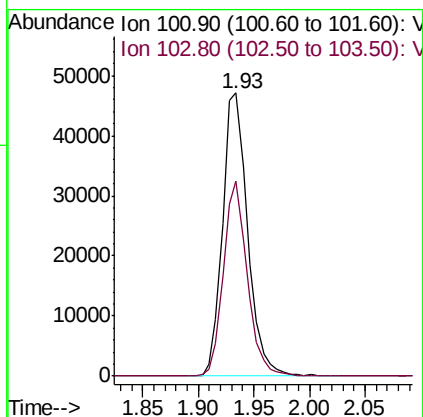
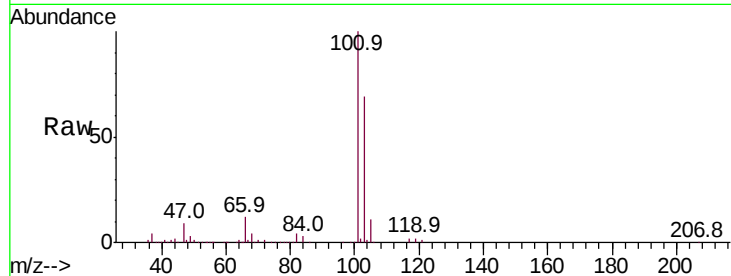
Trichlorofluoromethane
 Concen: 20.533 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	52.6	78.8

Manual Integrations
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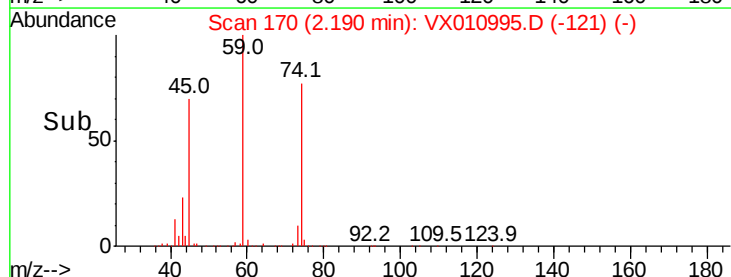
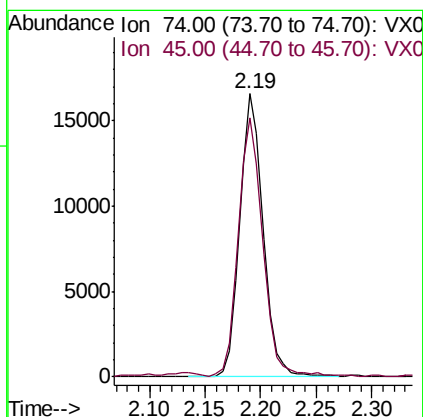
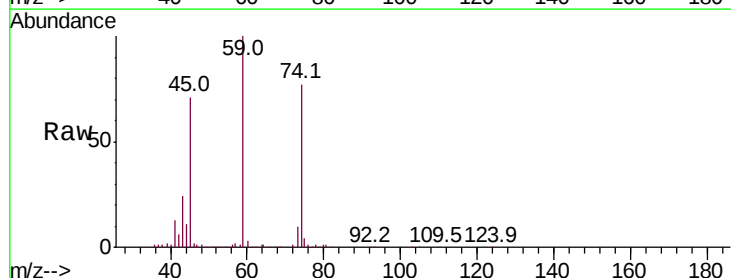
MMDadoda
 7/22/2019 5:22:50 PM

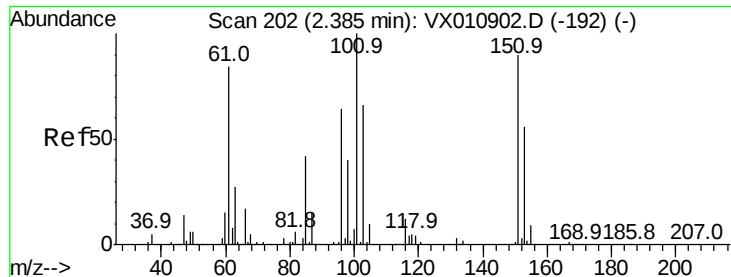


#8

Diethyl Ether
 Concen: 19.524 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	45.5	136.5





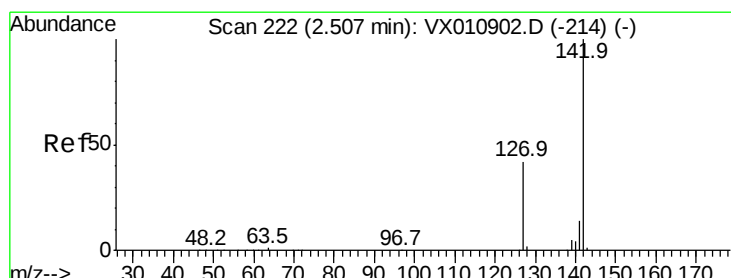
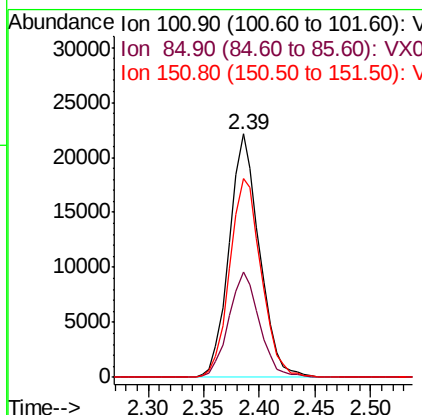
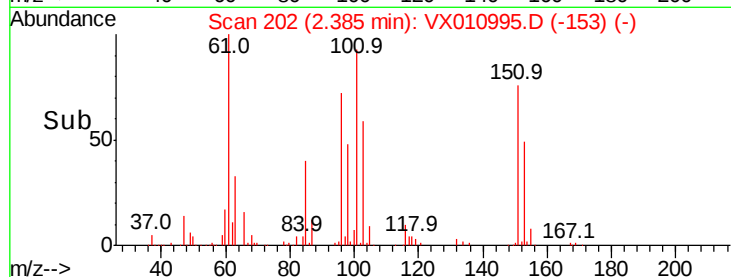
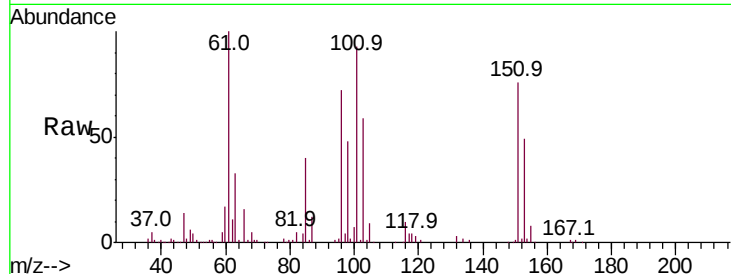
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.366 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.6	52.0
151	85.2	69.6	104.4

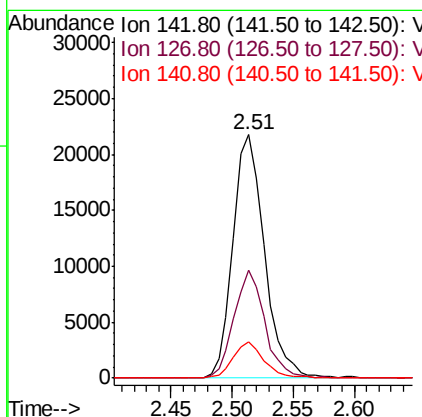
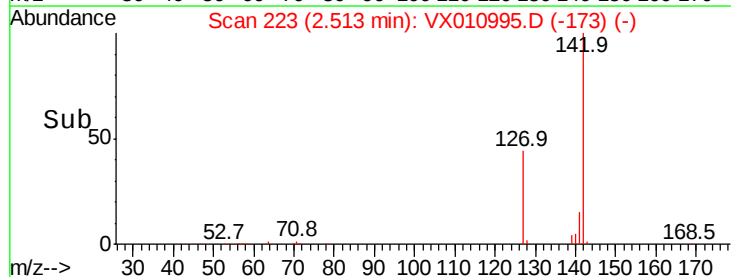
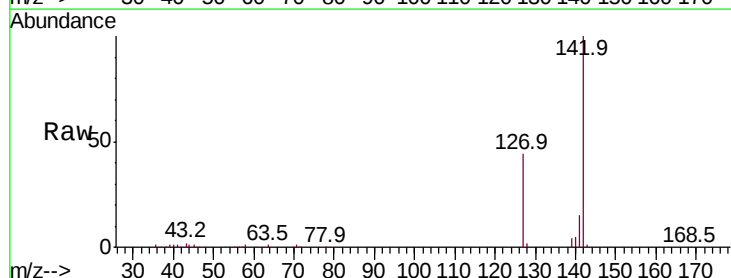
Manual Integrations
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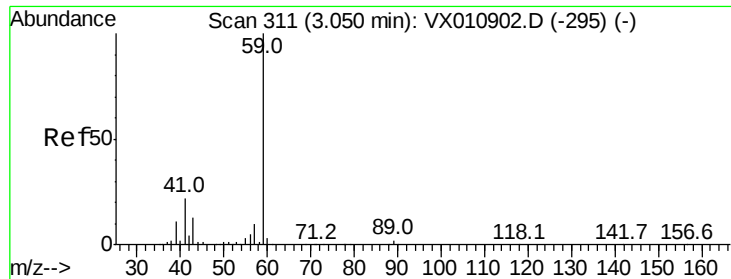
MMDadoda
 7/22/2019 5:22:50 PM



#10
 Methyl Iodide
 Concen: 14.502 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.2	51.4
141	14.7	11.7	17.5





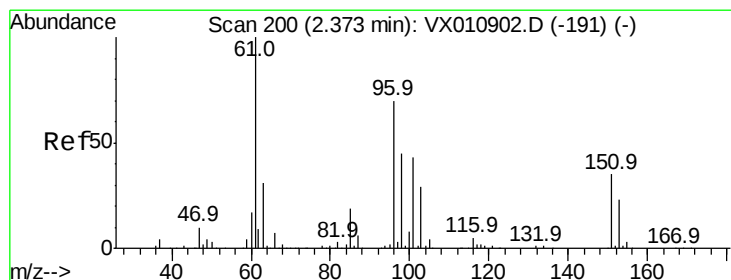
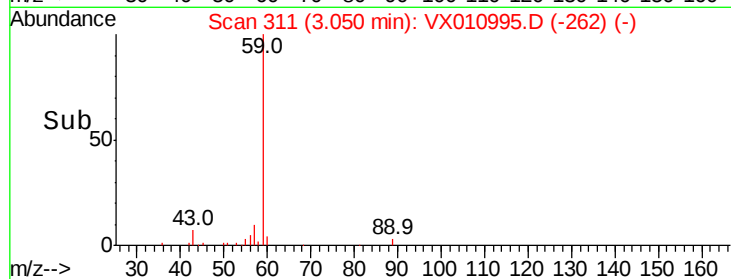
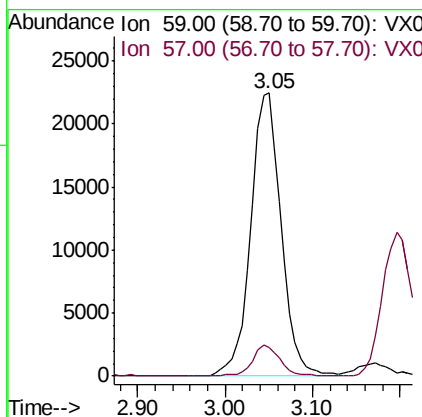
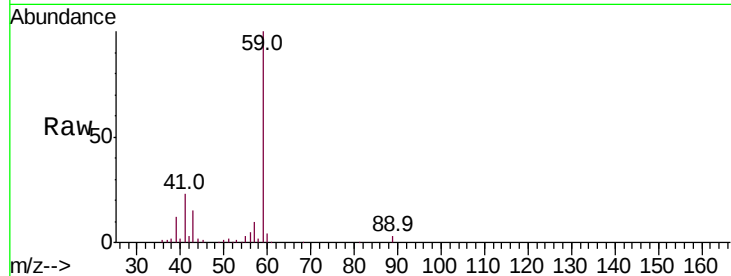
#11
Tert butyl alcohol
Concen: 97.476 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion: 59 Resp: 54430
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

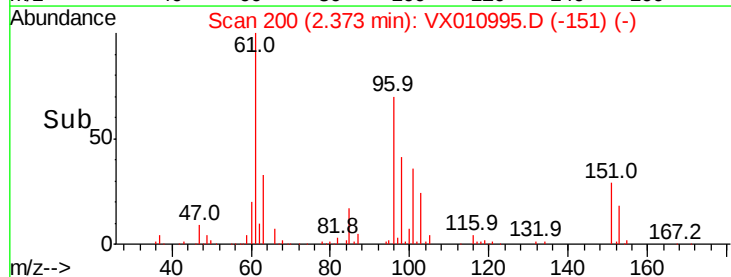
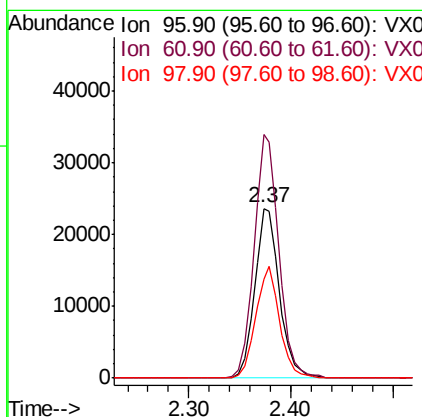
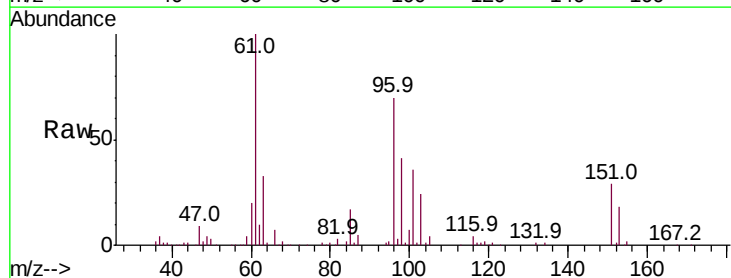
Manual Integrations
APPROVED

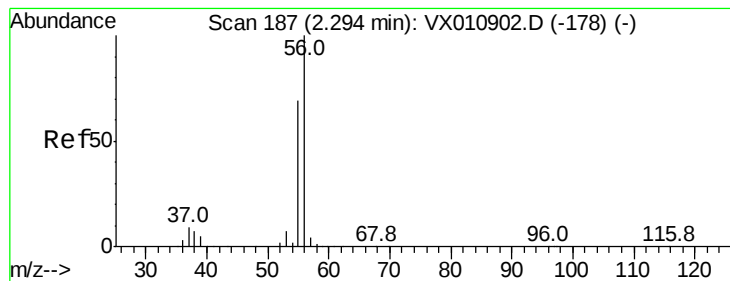
MMDadoda
7/22/2019 5:22:50 PM



#12
1,1-Dichloroethene
Concen: 19.997 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion: 96 Resp: 40143
Ion Ratio Lower Upper
96 100
61 143.5 115.0 172.4
98 58.5 52.2 78.2





#13

Acrolein

Concen: 76.105 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 56 Resp: 24553

Ion Ratio Lower Upper

56 100

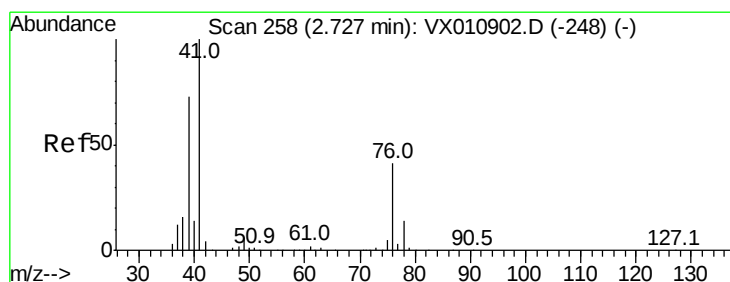
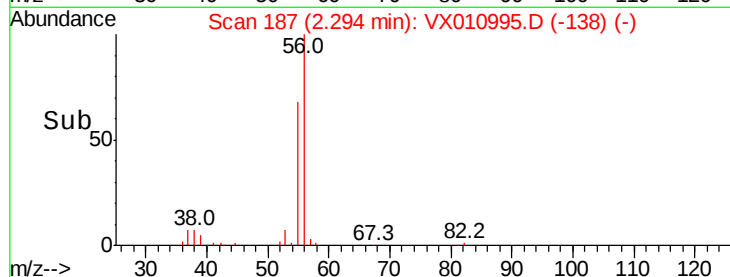
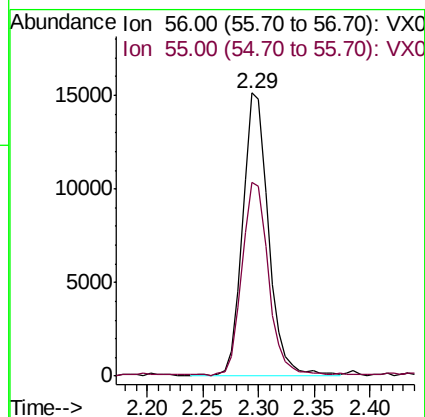
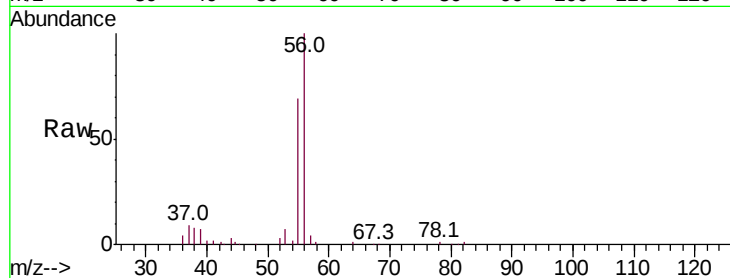
55 70.0 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 20.092 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

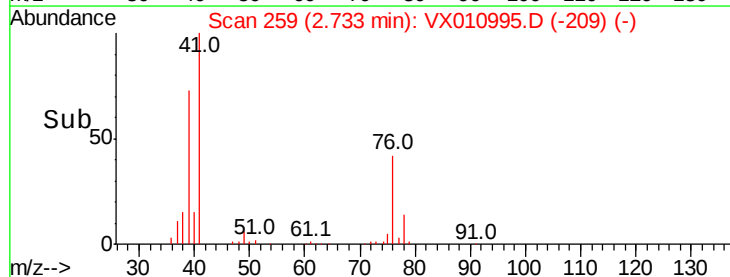
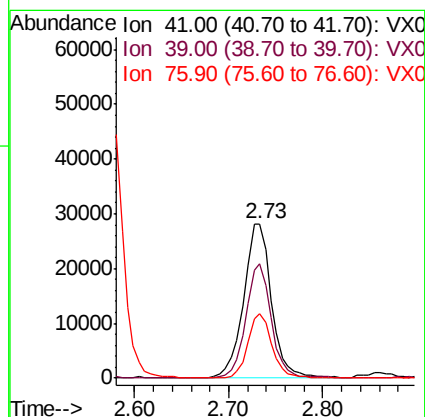
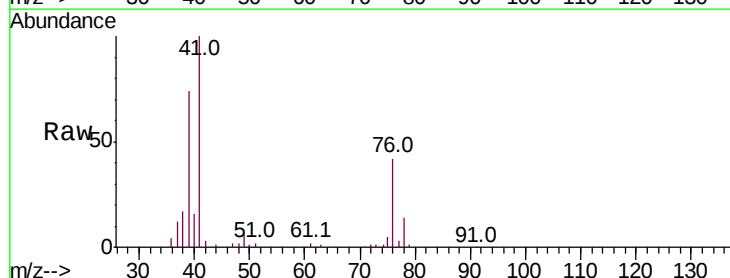
Tgt Ion: 41 Resp: 58587

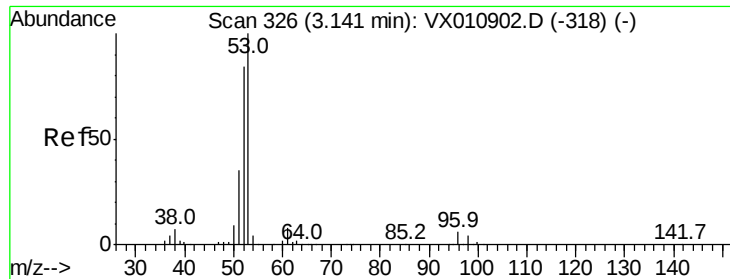
Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

76 36.0 29.7 44.5





#15

Acrylonitrile

Concen: 100.934 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

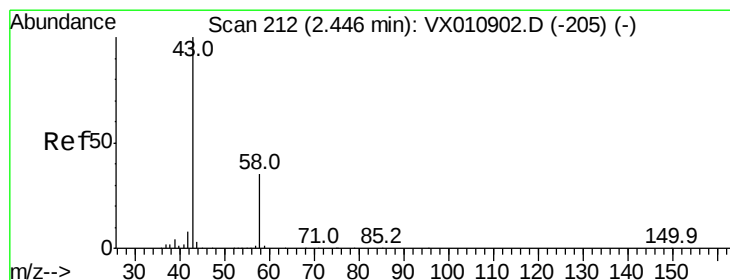
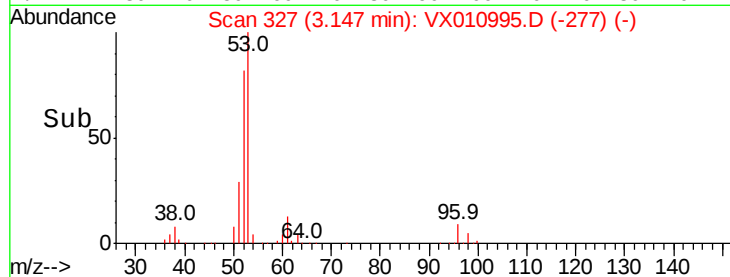
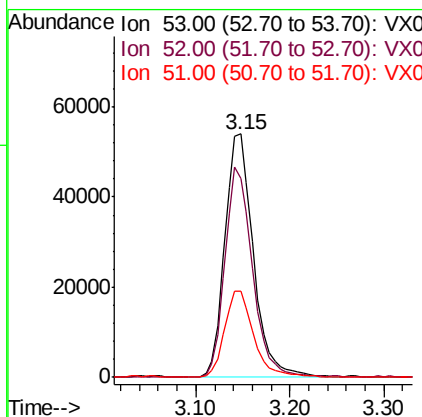
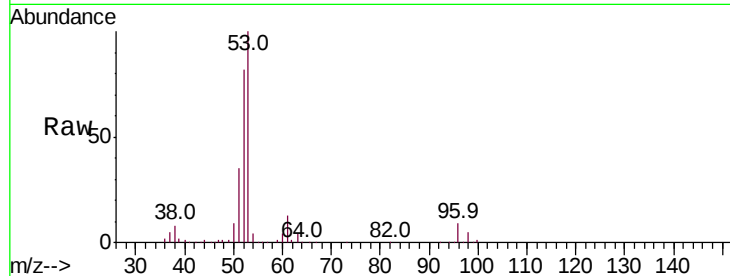
ClientSampleId :

VX0720WBS01

Tot Ion:	53	Resp:	113888
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.5	99.7
51	36.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 102.363 ug/l

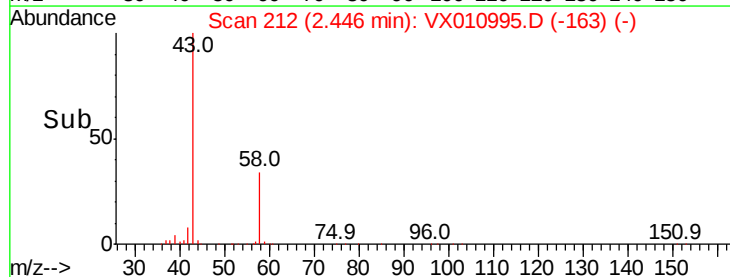
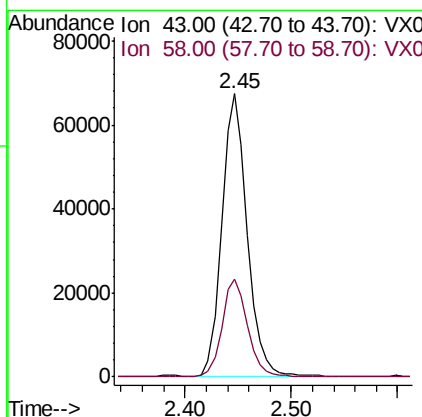
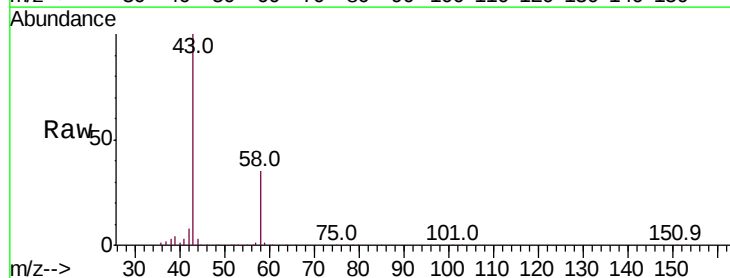
RT: 2.45 min Scan# 212

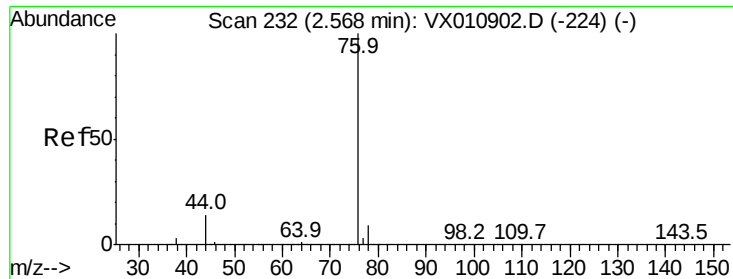
Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion:	43	Resp:	110849
Ion Ratio	Lower	Upper	
43	100		
58	34.5	27.7	41.5





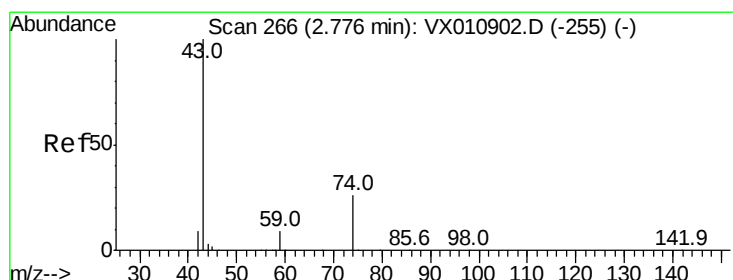
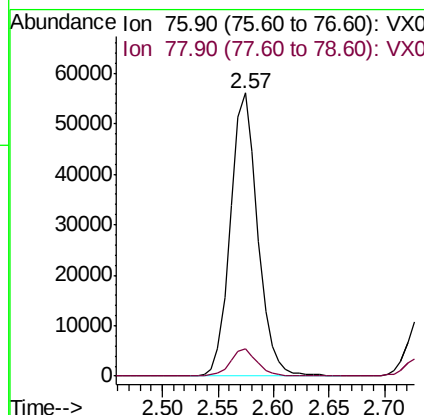
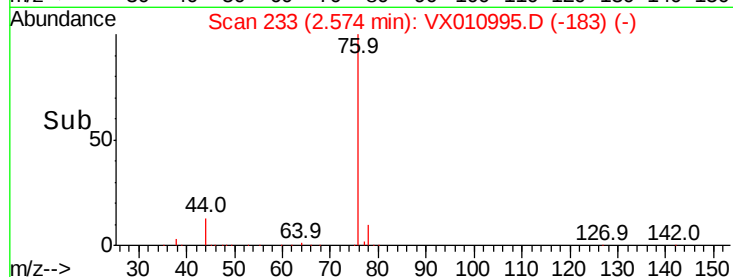
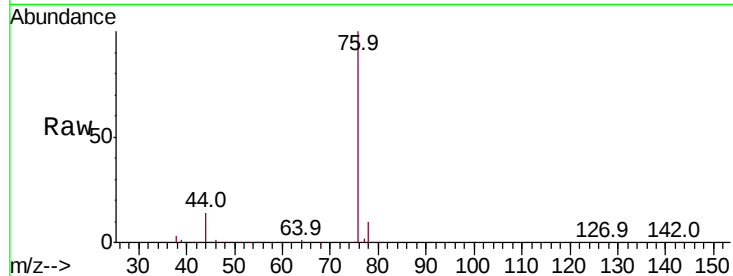
#17
Carbon Disulfide
Concen: 18.499 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion: 76 Resp: 95260
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

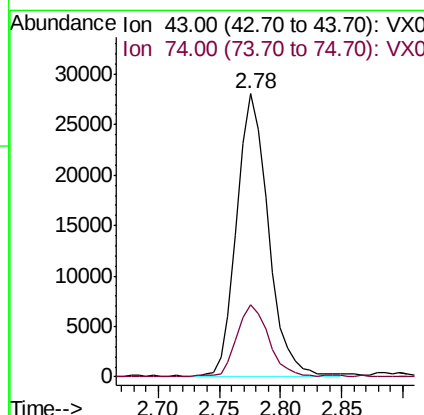
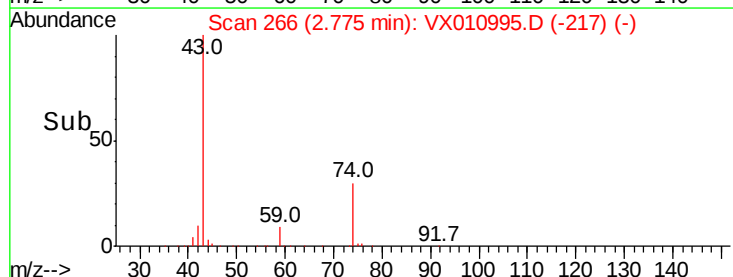
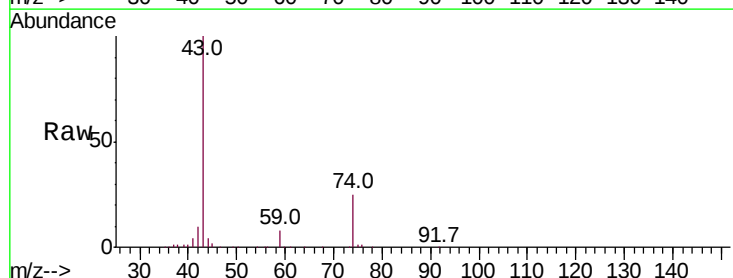
Manual Integrations
APPROVED

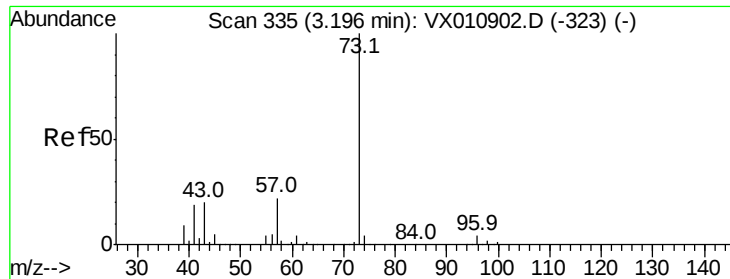
MMDadoda
7/22/2019 5:22:50 PM



#18
Methyl Acetate
Concen: 20.580 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion: 43 Resp: 50745
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3





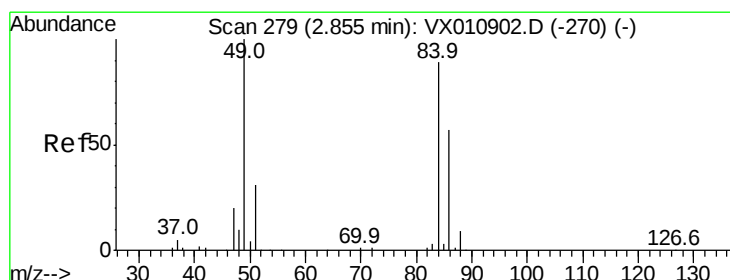
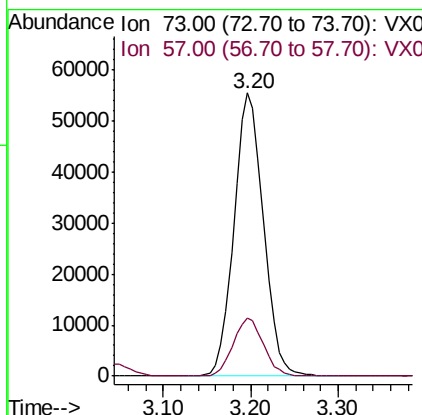
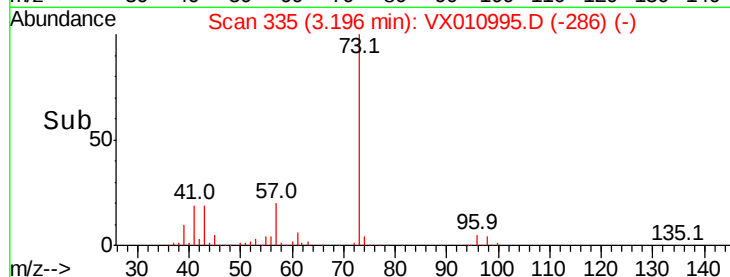
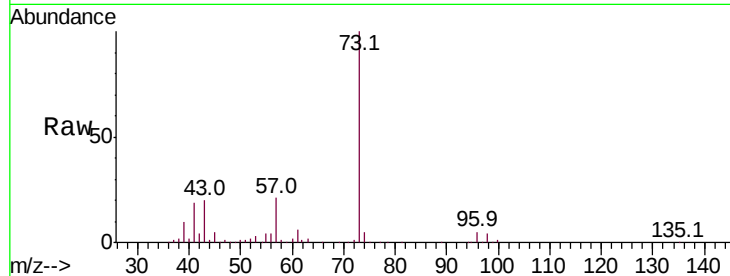
#19
Methvl tert-butvl Ether
Concen: 20.079 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion: 73 Resp: 129760
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

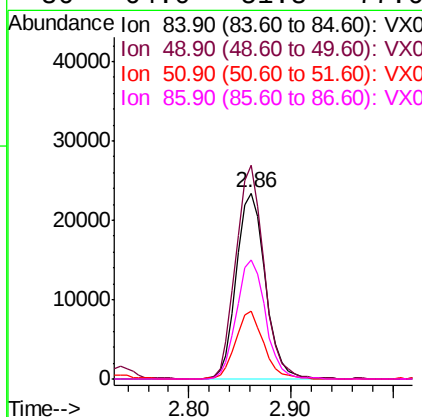
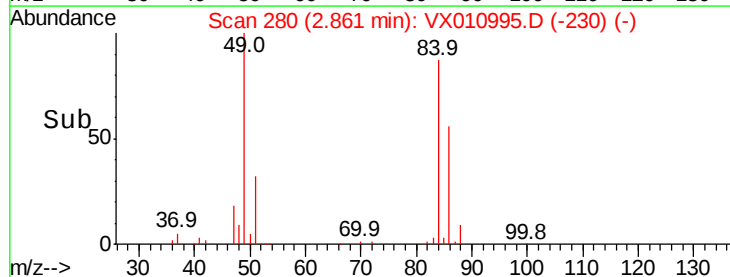
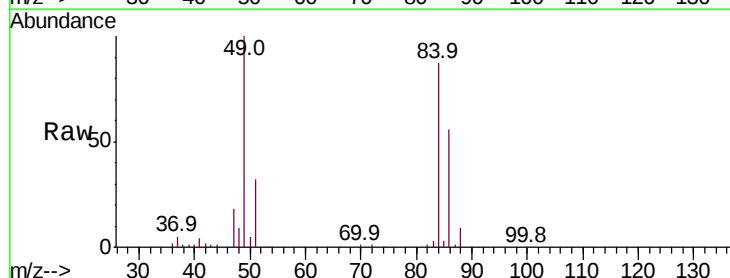
Manual Integrations
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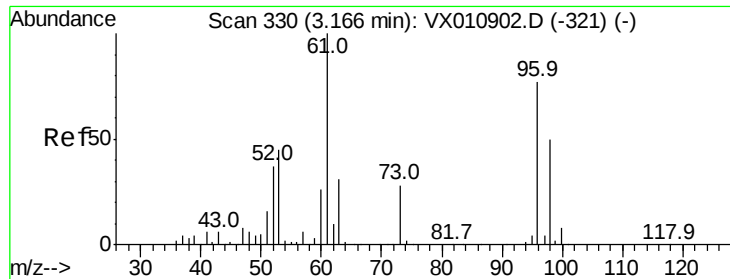
MMDadoda
7/22/2019 5:22:50 PM



#20
Methylene Chloride
Concen: 20.037 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion: 84 Resp: 45982
Ion Ratio Lower Upper
84 100
49 114.8 89.9 134.9
51 36.4 27.8 41.6
86 64.0 51.8 77.6





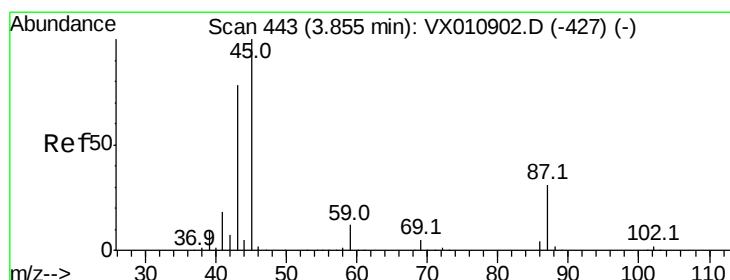
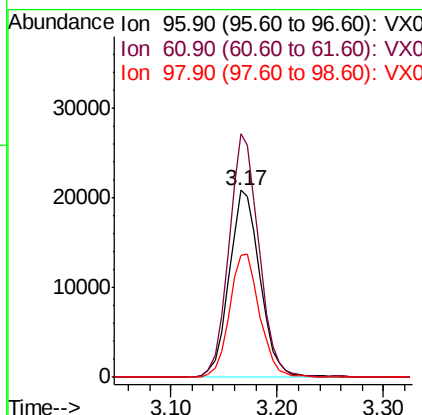
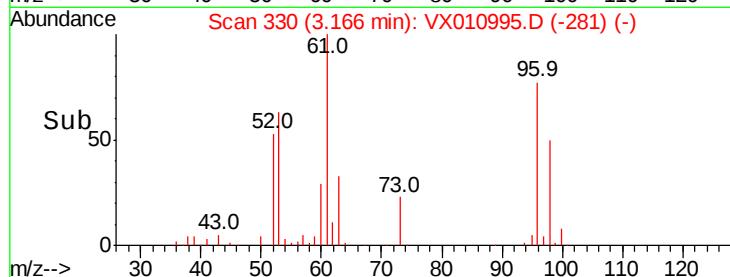
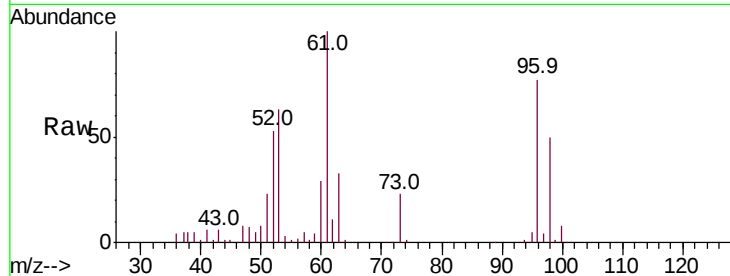
#21
trans-1,2-Dichloroethene
Concen: 19.899 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.7	104.2	156.2
98	64.8	52.2	78.4

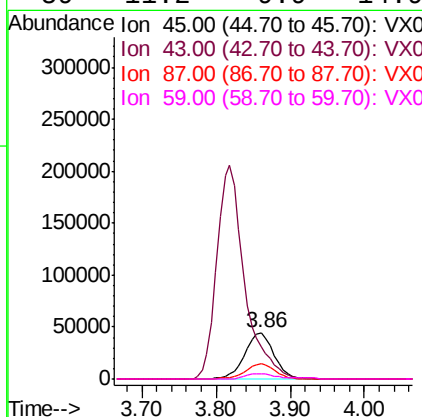
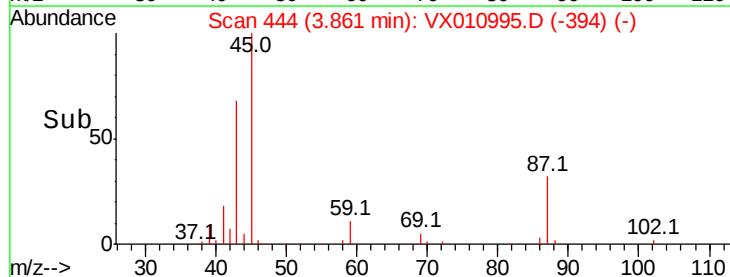
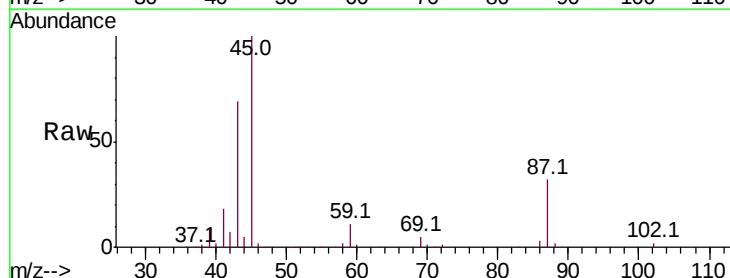
Manual Integrations
APPROVED

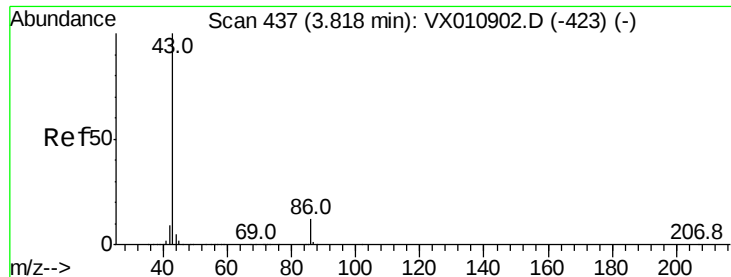
MMDadoda
7/22/2019 5:22:50 PM



#22
Diisopropyl ether
Concen: 20.135 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.4	62.3	93.5
87	31.9	25.0	37.4
59	11.2	9.9	14.9





#23

Vinyl Acetate

Concen: 102.623 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 43 Resp: 534748

Ion Ratio Lower Upper

43 100

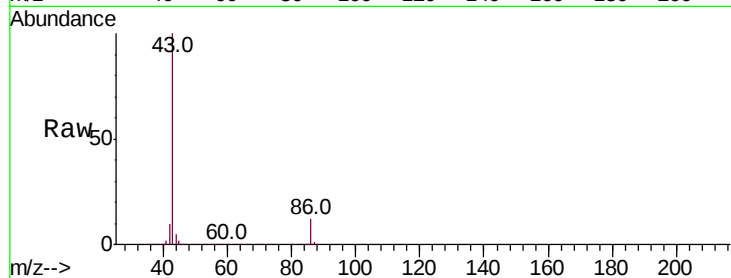
86 11.8 9.4 14.0

Manual Integrations

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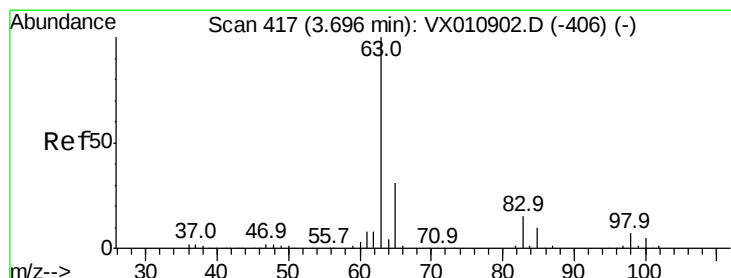
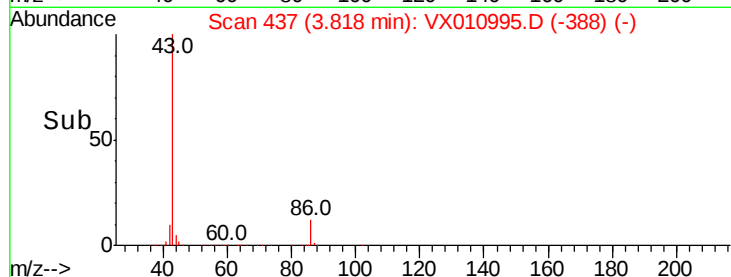
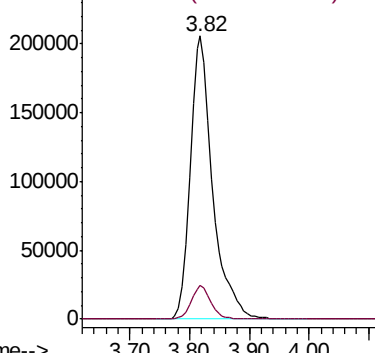
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.011 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

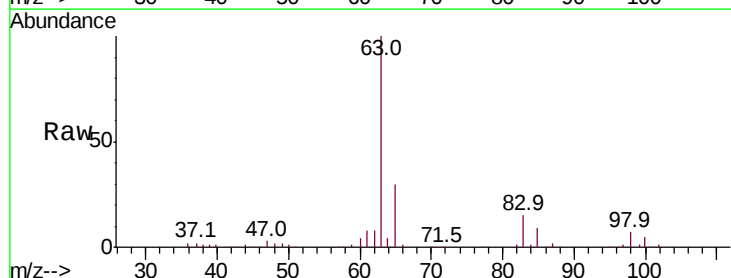
Tgt Ion: 63 Resp: 71472

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

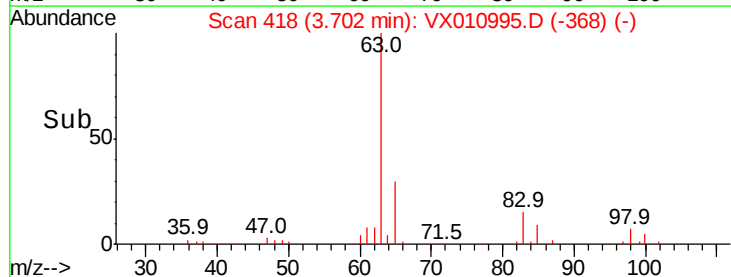
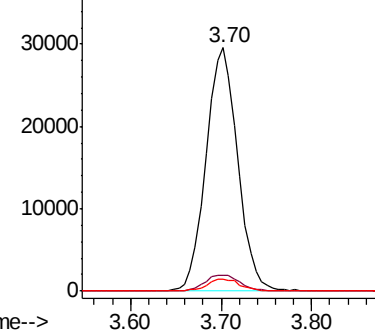
100 5.1 2.4 7.2

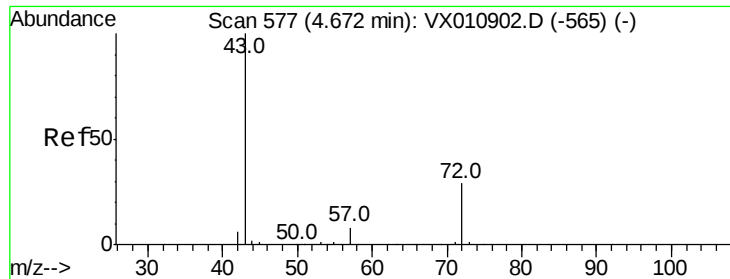


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.955 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 43 Resp: 161597

Ion Ratio Lower Upper

43 100

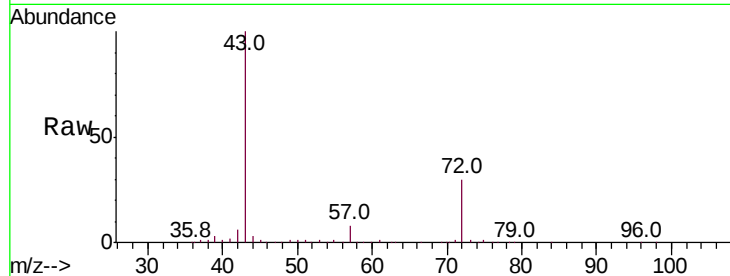
72 29.7 23.0 34.6

Manual Integrations

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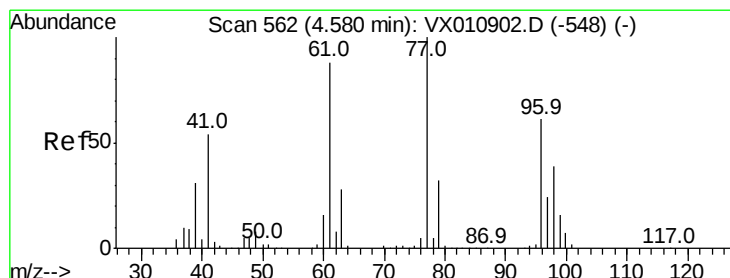
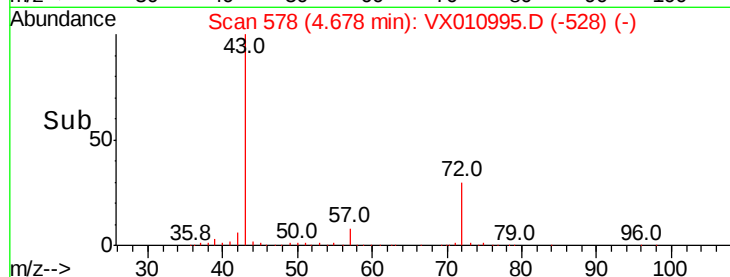
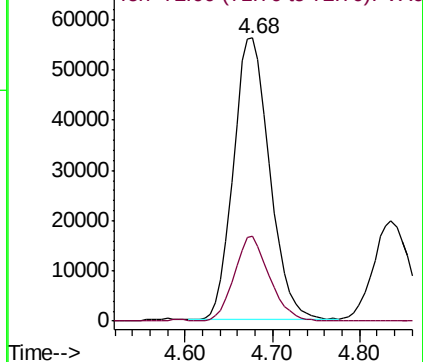
MMDadoda

7/22/2019 5:22:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.516 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010995.D

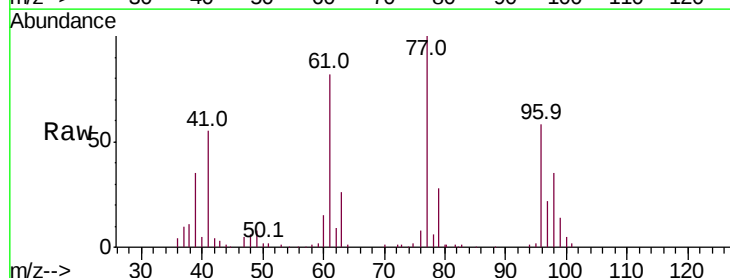
Acq: 19 Jul 2019 12:21

Tgt Ion: 77 Resp: 57231

Ion Ratio Lower Upper

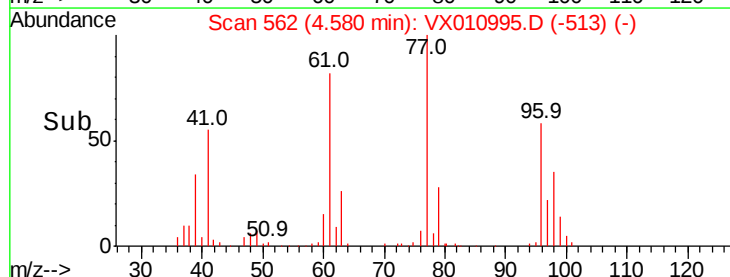
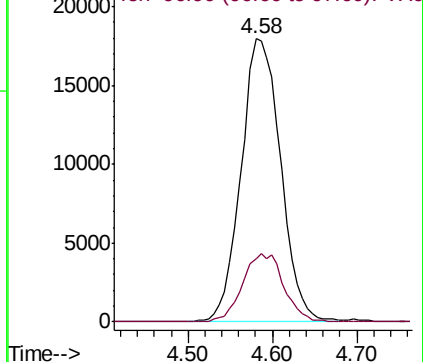
77 100

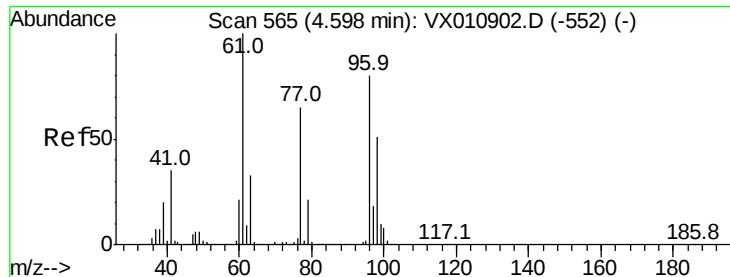
97 25.1 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

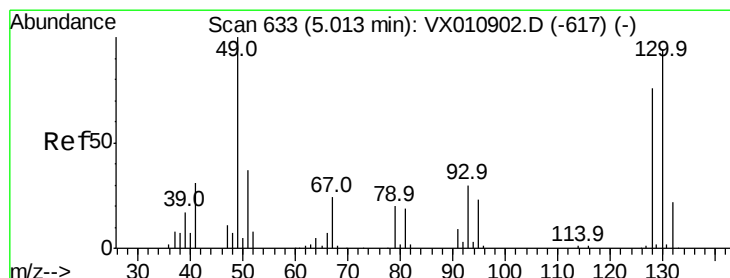
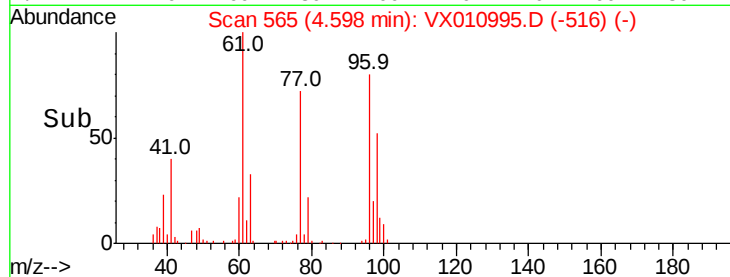
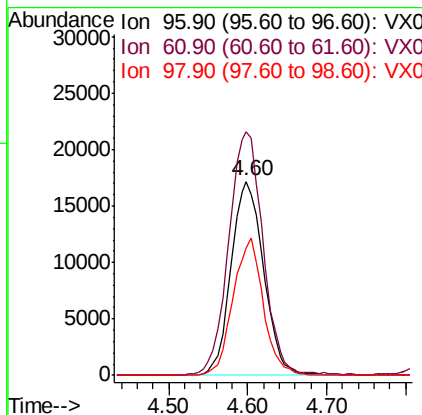
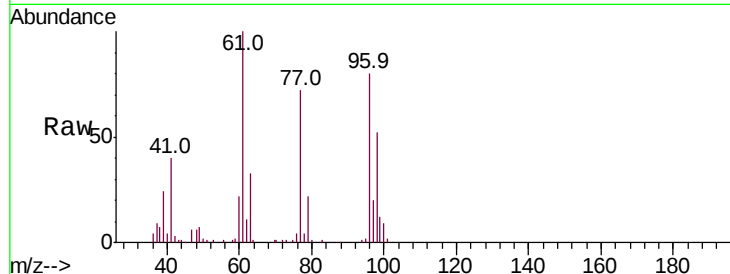
cis-1,2-Dichloroethene
Concen: 19.985 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49266		
61	132.0	0.0	269.0	
98	65.4	0.0	131.4	

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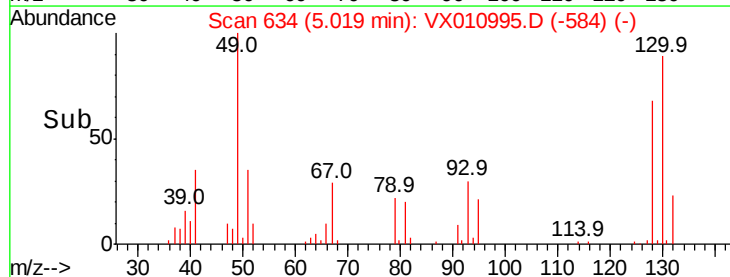
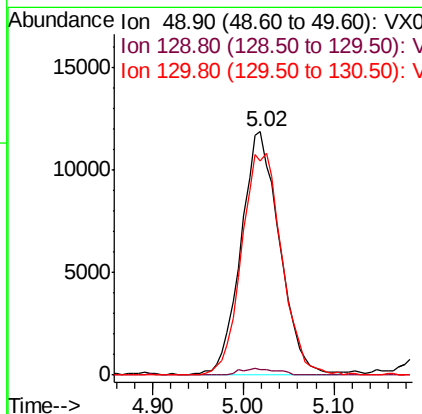
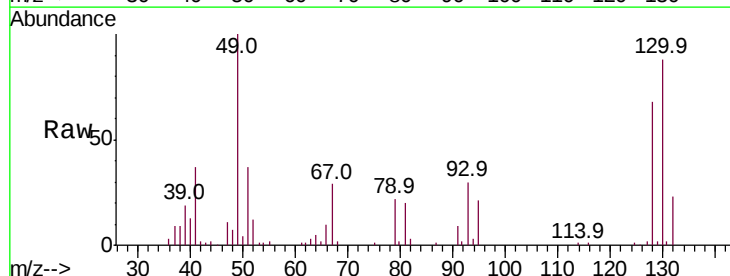
MMDadoda
7/22/2019 5:22:50 PM

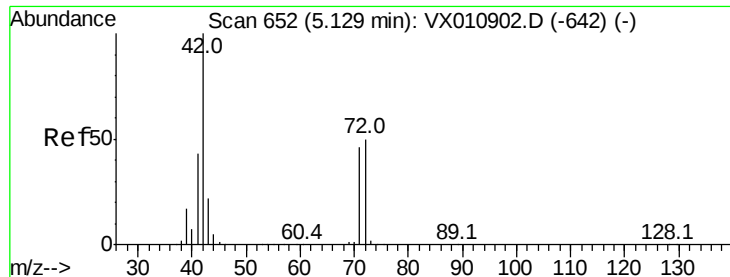


#28

Bromochloromethane
Concen: 20.891 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	35161		
129	2.6	0.0	5.2	
130	94.6	76.9	115.3	





#29

Tetrahydrofuran

Concen: 101.215 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

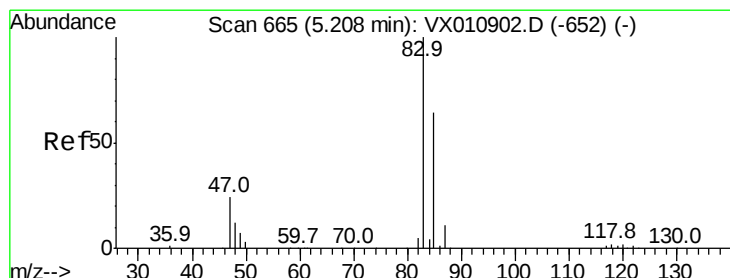
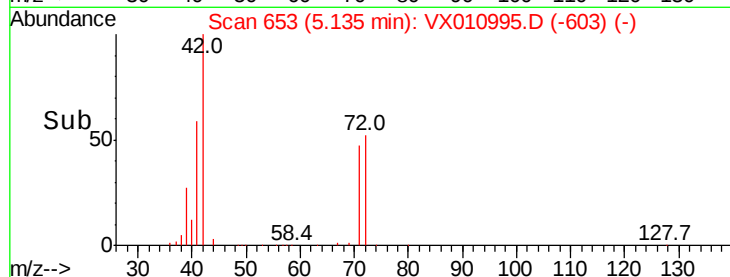
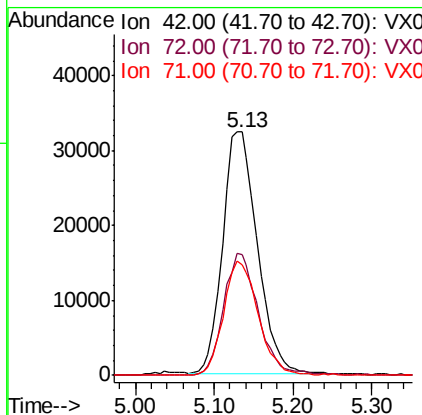
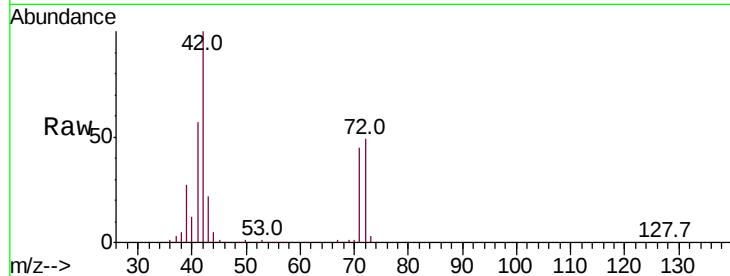
ClientSampled :

VX0720WBS01

Tot Ion:	42	Resp:	99664
Ion Ratio	Lower	Upper	
42	100		
72	50.1	39.8	59.8
71	46.9	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 19.861 ug/l

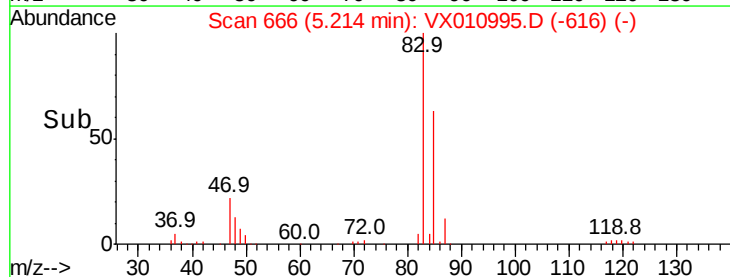
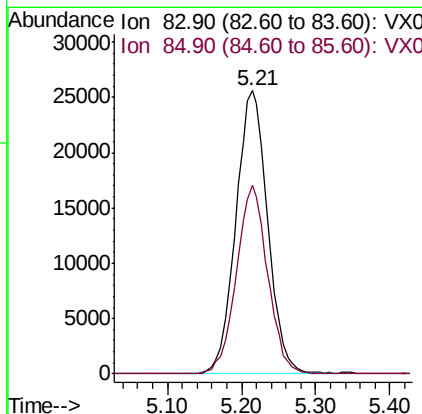
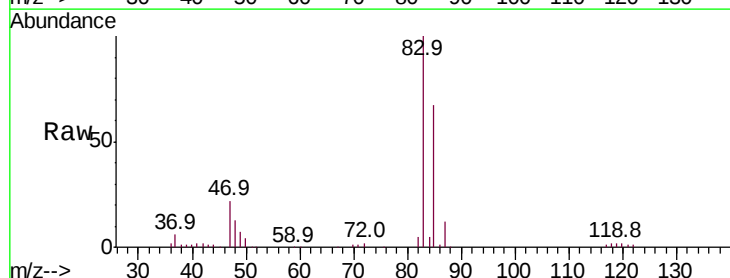
RT: 5.21 min Scan# 666

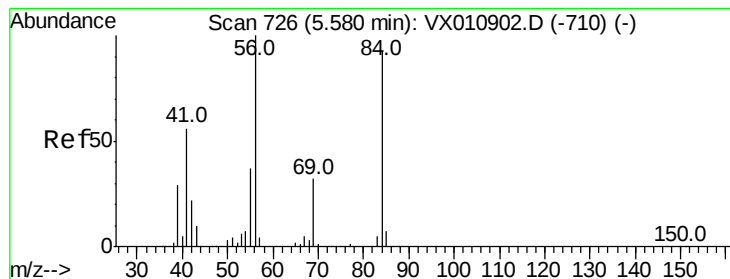
Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion:	83	Resp:	76674
Ion Ratio	Lower	Upper	
83	100		
85	66.6	51.4	77.0





#31

Cyclohexane

Concen: 19.838 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 56 Resp: 64581

Ion Ratio Lower Upper

56 100

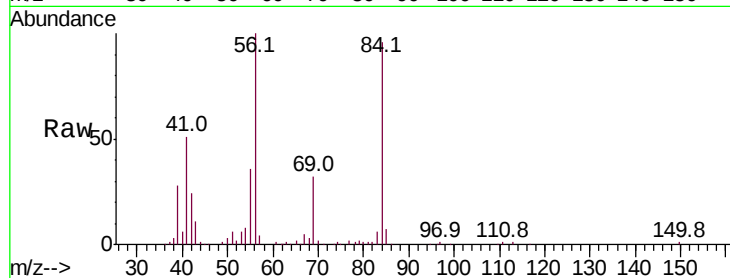
69 31.5 25.8 38.8

84 94.1 73.8 110.6

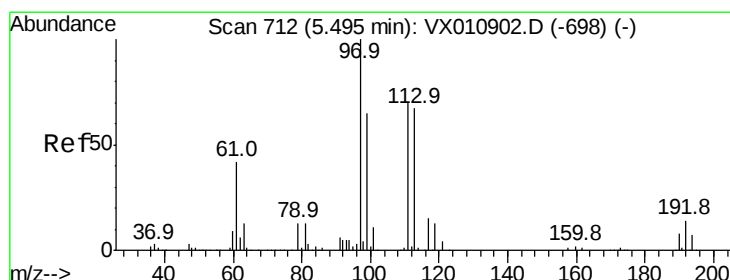
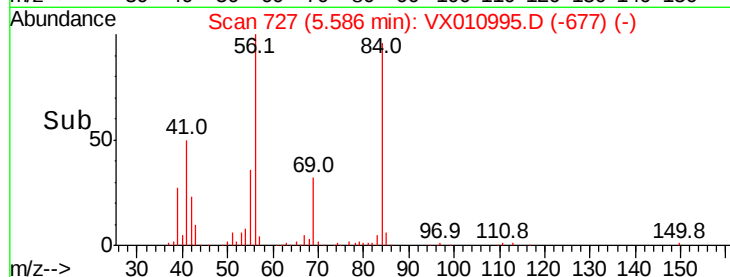
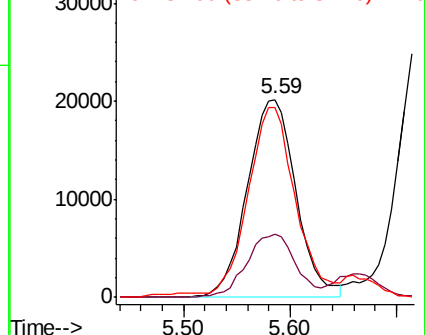
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.930 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

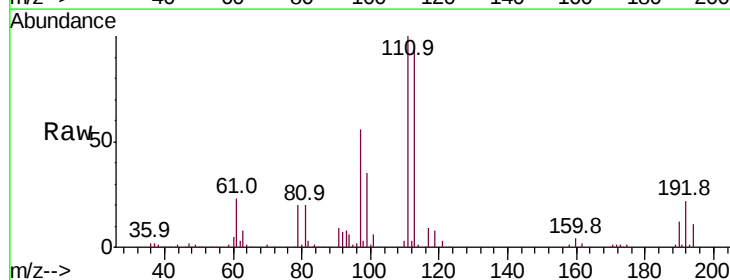
Tgt Ion: 97 Resp: 66565

Ion Ratio Lower Upper

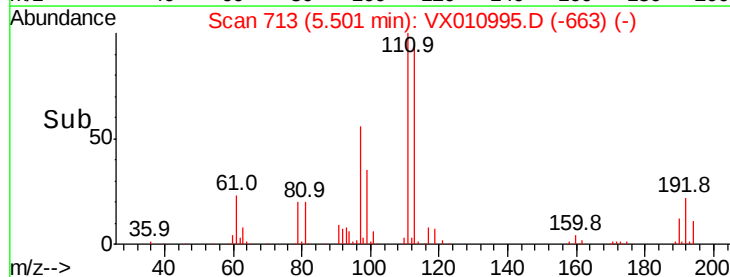
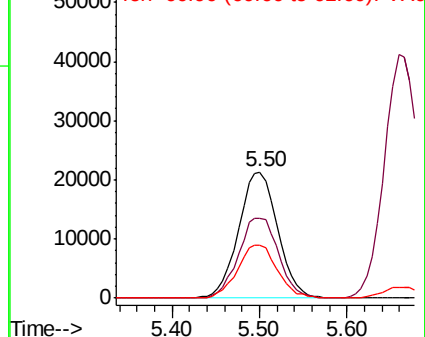
97 100

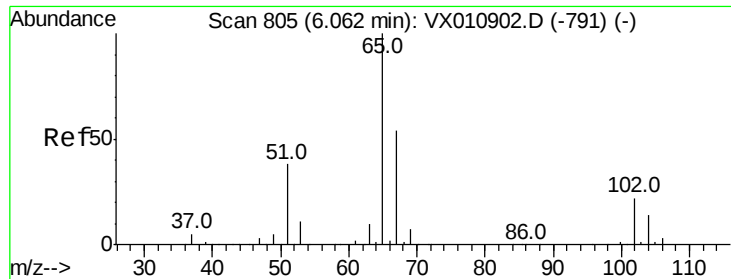
99 65.0 51.4 77.0

61 42.5 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





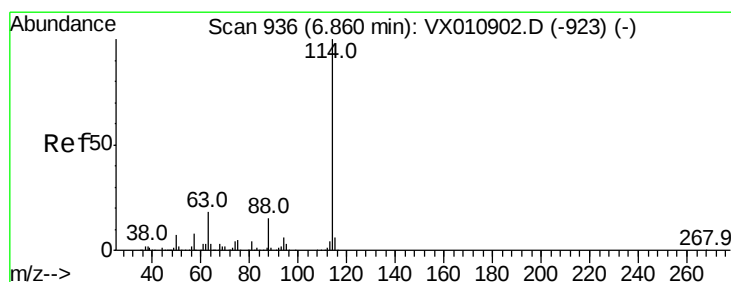
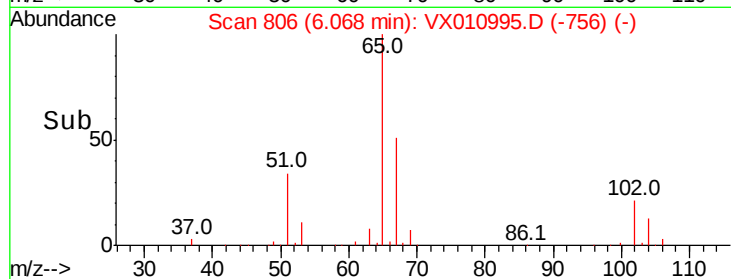
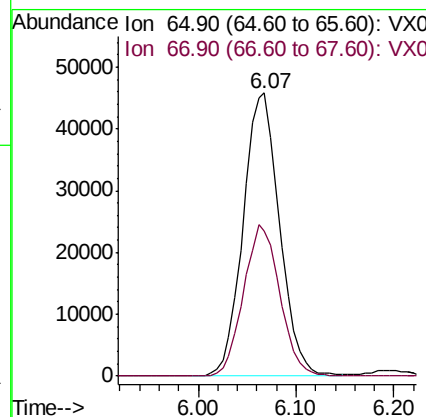
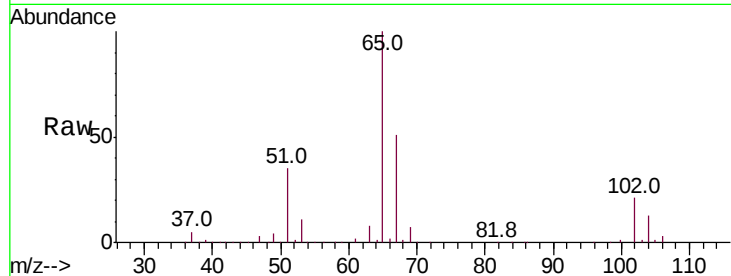
#33
 1,2-Dichloroethane-d4
 Concen: 49.525 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0720WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	118743		
67	53.4	0.0	107.8	

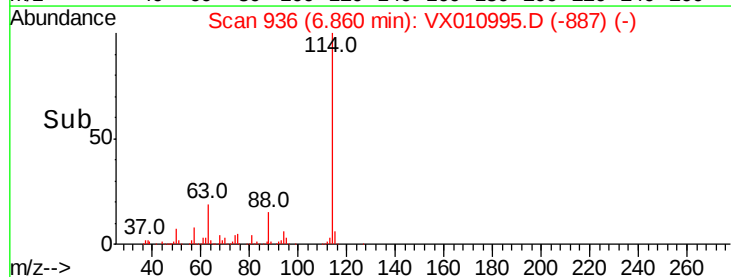
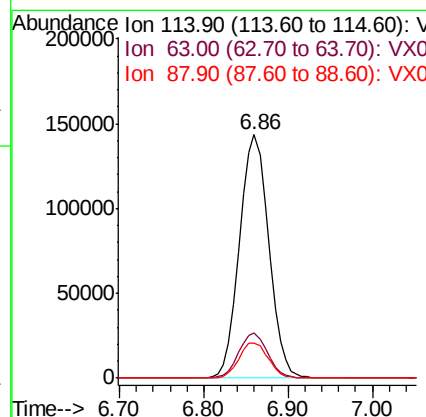
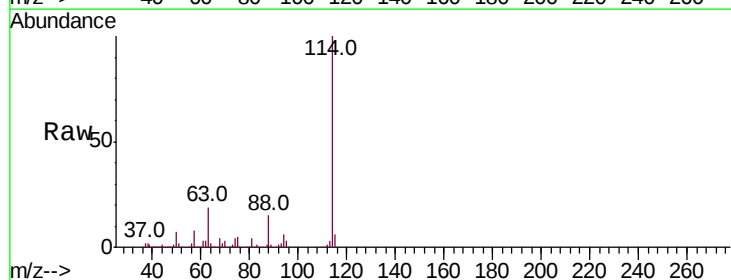
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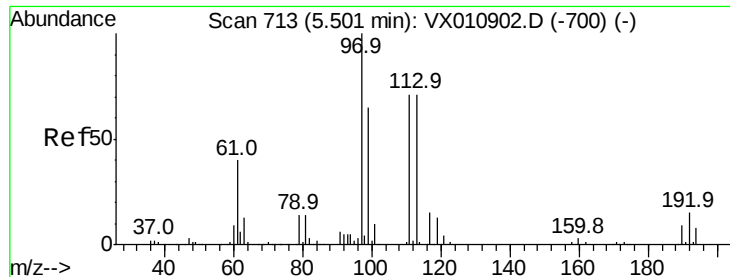
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337859		
63	18.6	0.0	35.6	
88	14.6	0.0	29.8	





#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

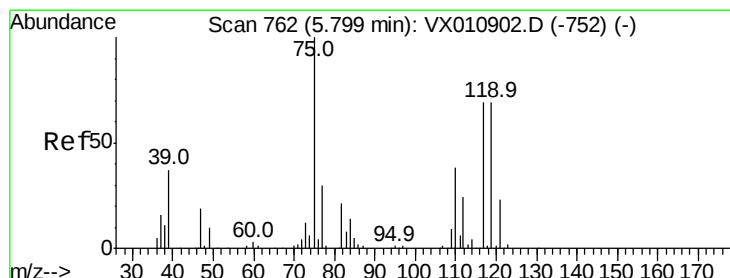
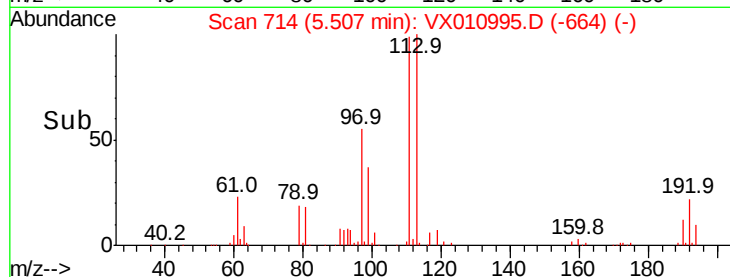
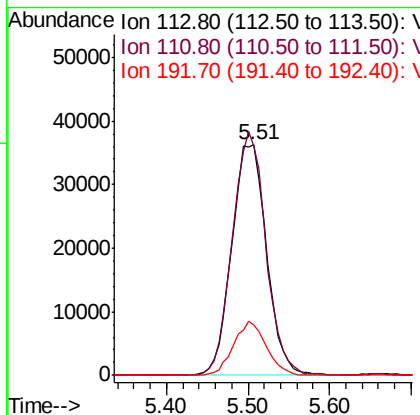
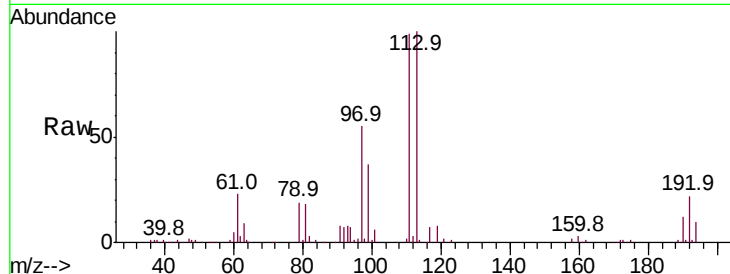
ClientSampleId :

VX0720WBS01

Tot Ion:	113	Resp:	107393
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.3	123.5
192	21.9	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 19.924 ug/l

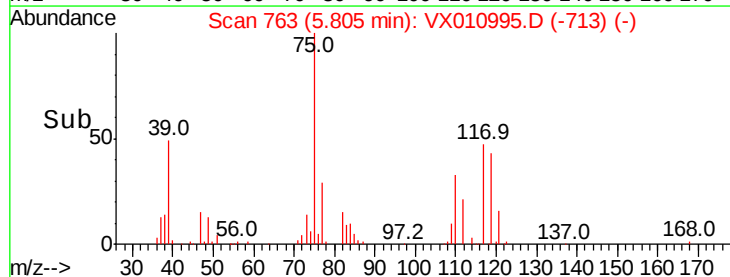
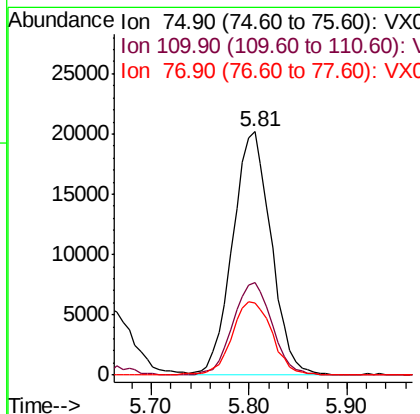
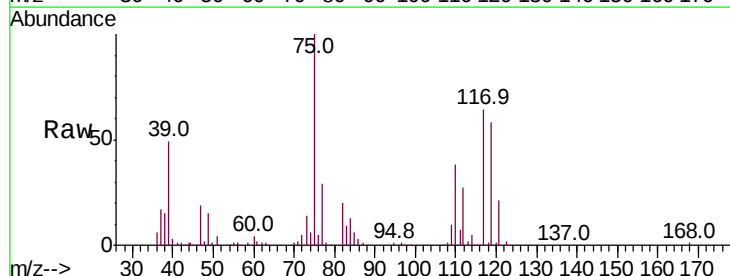
RT: 5.81 min Scan# 763

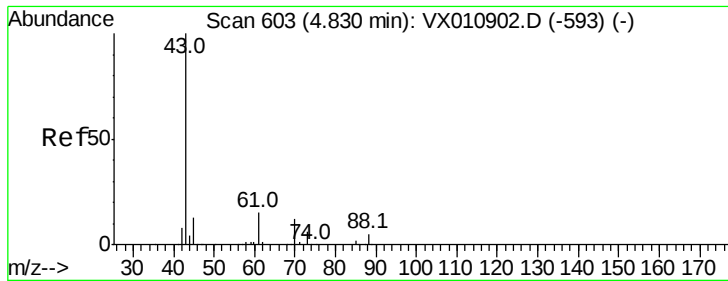
Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion:	75	Resp:	55292
Ion Ratio	Lower	Upper	
75	100		
110	38.7	19.9	59.7
77	31.7	25.0	37.4





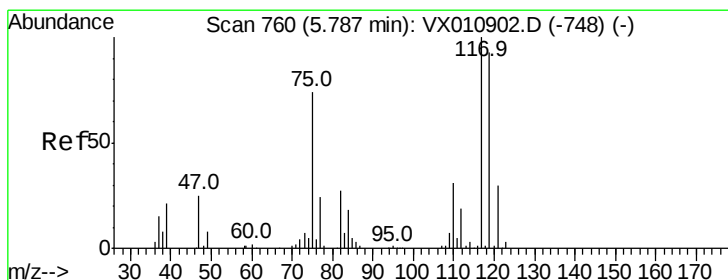
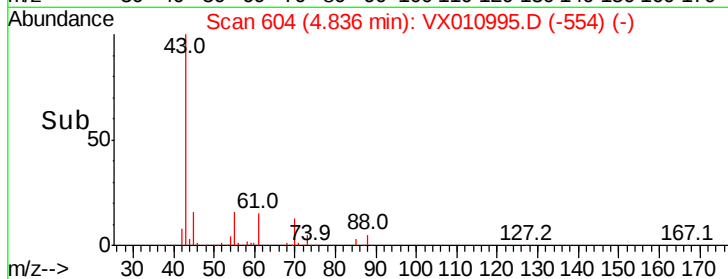
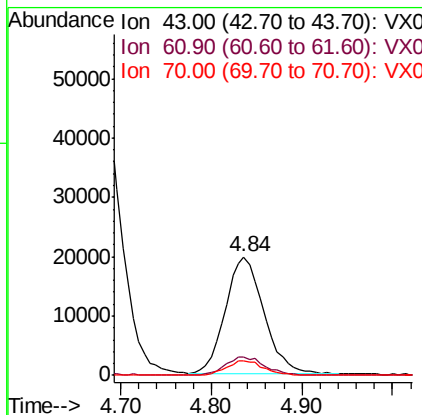
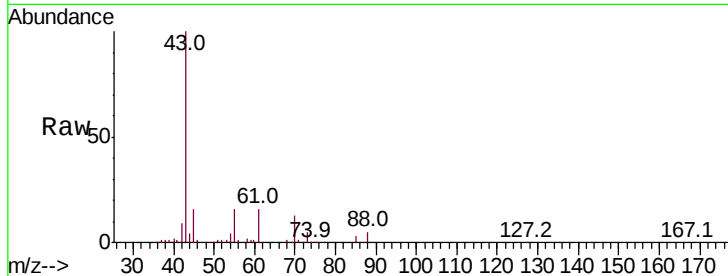
#37
Ethyl Acetate
Concen: 20.642 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleID :
VX0720WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.6	17.4
70	12.0	9.1	13.7

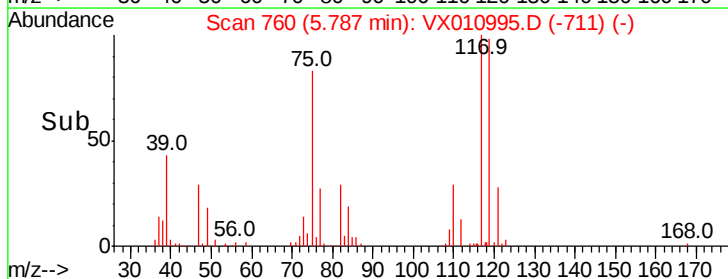
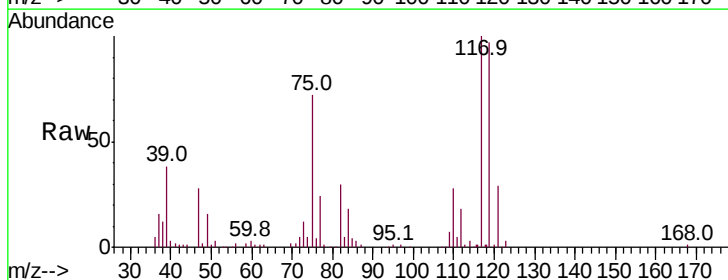
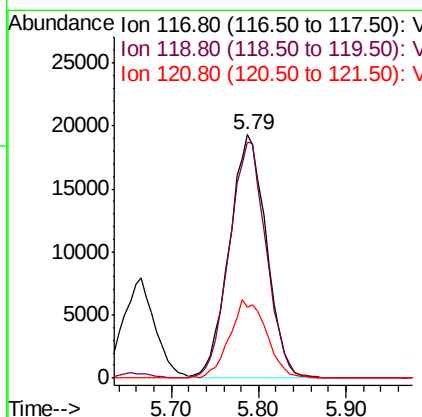
Manual Integrations
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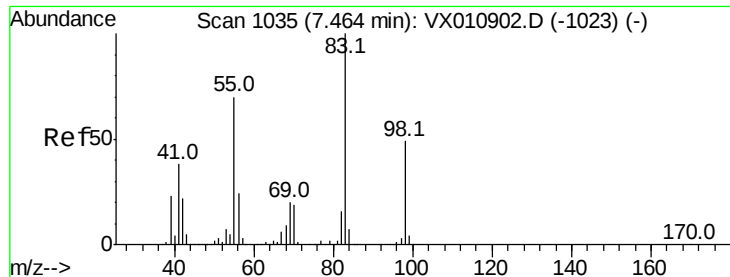
MMDadoda
7/22/2019 5:22:50 PM



#38
Carbon Tetrachloride
Concen: 19.618 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.2	111.2
121	28.9	24.2	36.2





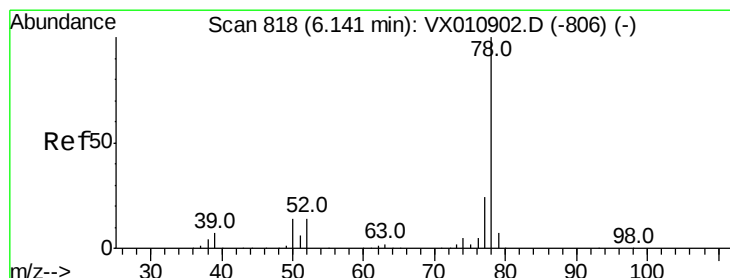
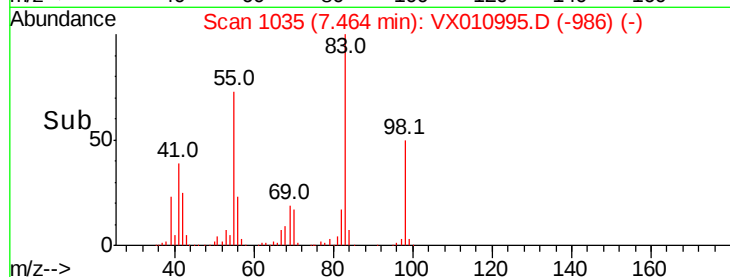
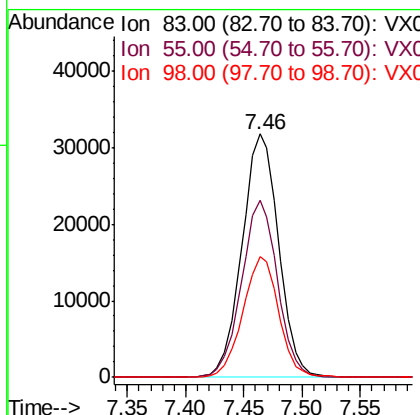
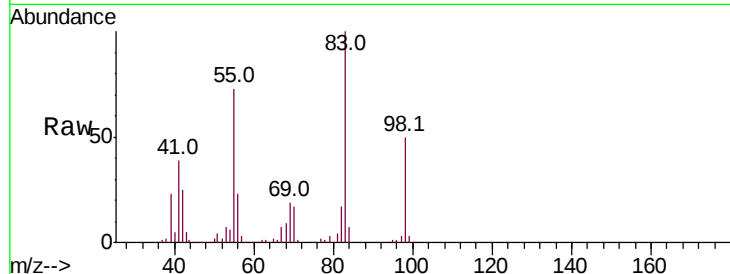
#39
Methvlcvclohexane
Concen: 19.326 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	83	Resp	69553
Ion Ratio	100	Lower	Upper
83	100		
55	72.8	56.2	84.4
98	49.7	39.0	58.4

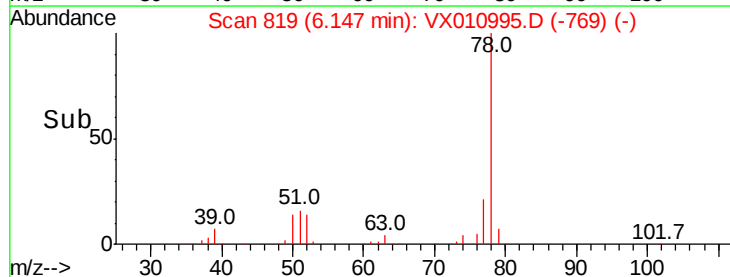
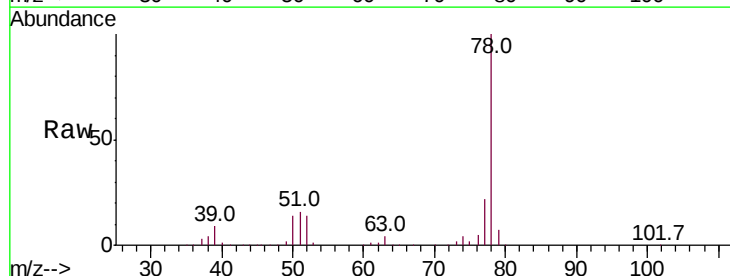
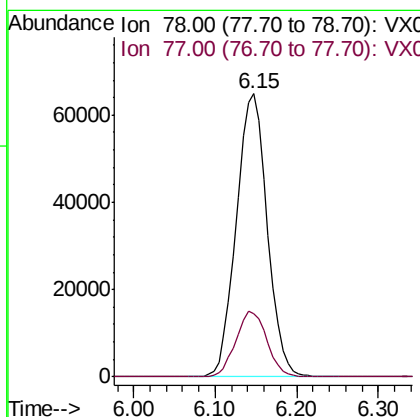
Manual Integrations
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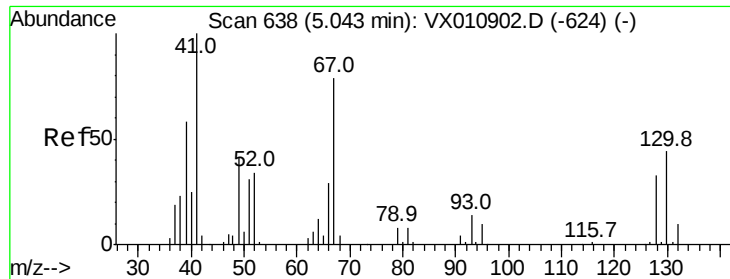
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#40
Benzene
Concen: 20.008 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	78	Resp	170085
Ion Ratio	100	Lower	Upper
78	100		
77	22.2	19.0	28.6





#41

Methacrylonitrile

Concen: 19.883 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

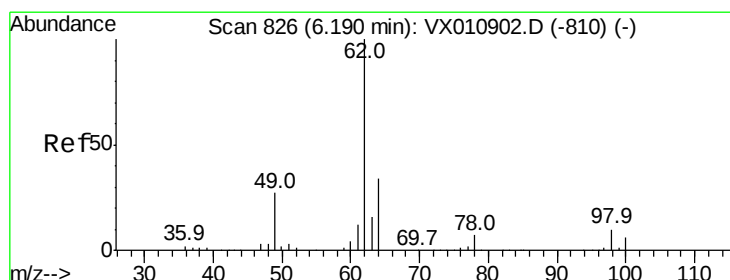
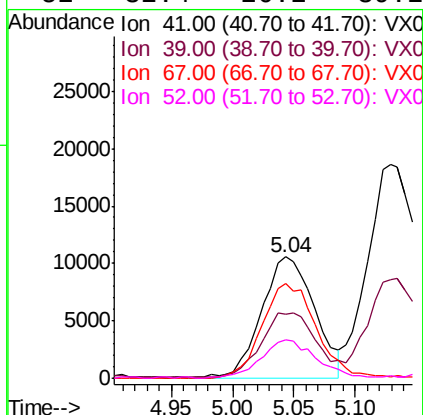
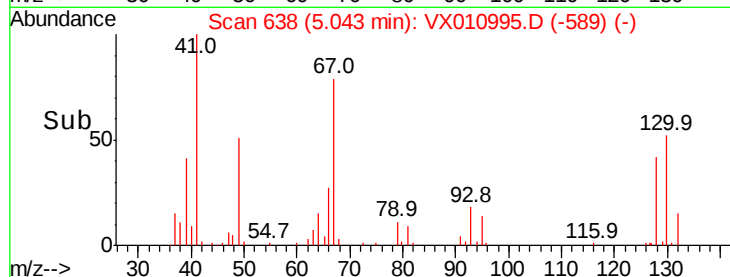
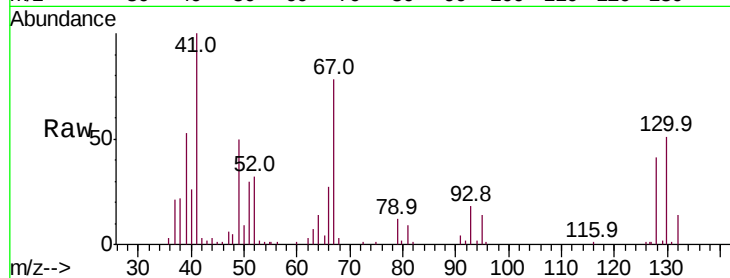
ClientSampleId :

VX0720WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.4	68.2	
67	79.4	65.9	98.9	
52	32.4	26.2	39.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.825 ug/l

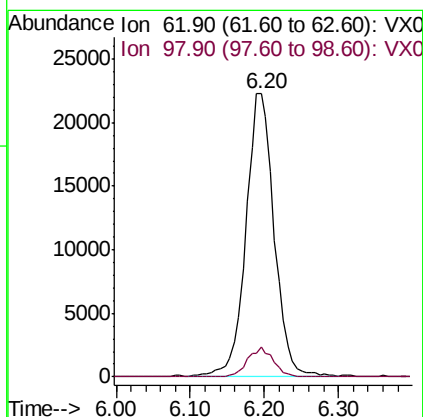
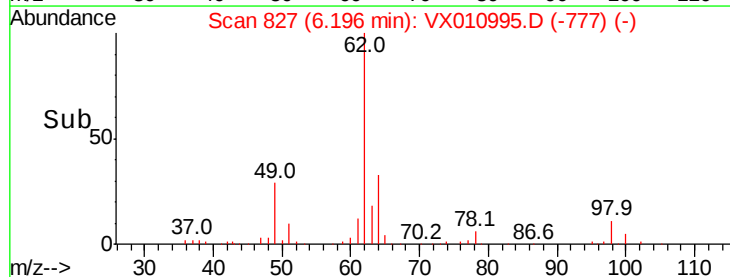
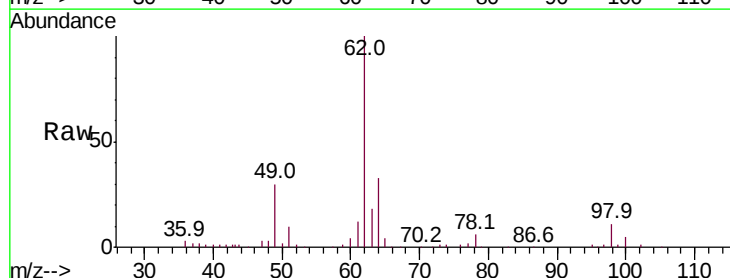
RT: 6.20 min Scan# 827

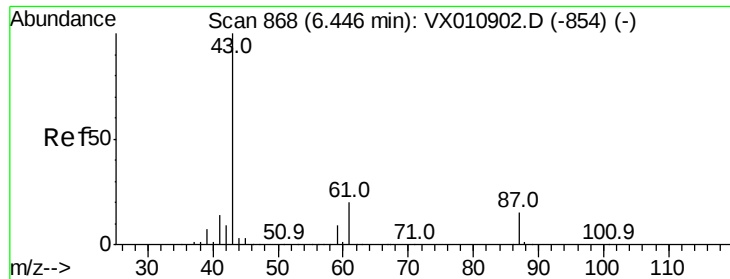
Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.0	





#43

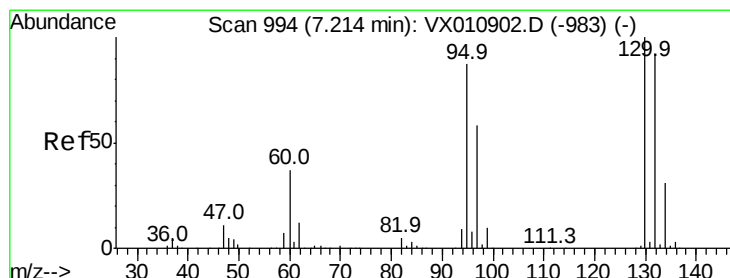
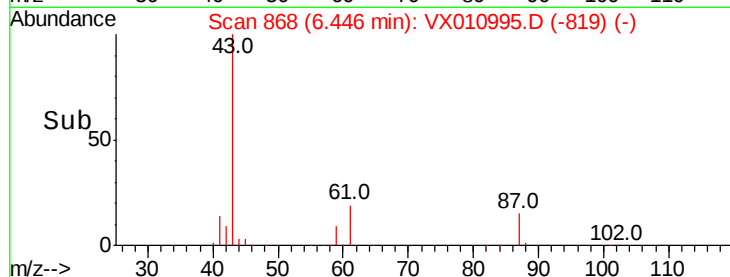
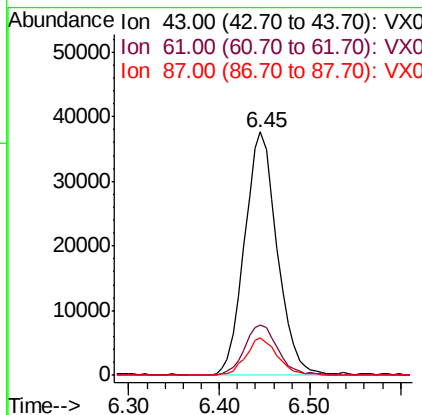
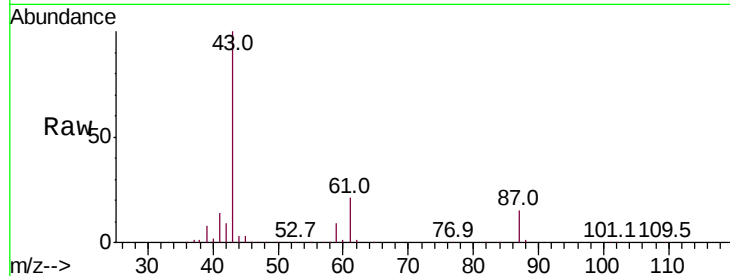
Isopropyl Acetate
 Concen: 20.099 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	43	61	87
Ion	43	61	87
Ratio	100	21.2	14.8
Lower		17.1	12.0
Upper		25.7	18.0

Manual Integrations
 APPROVED

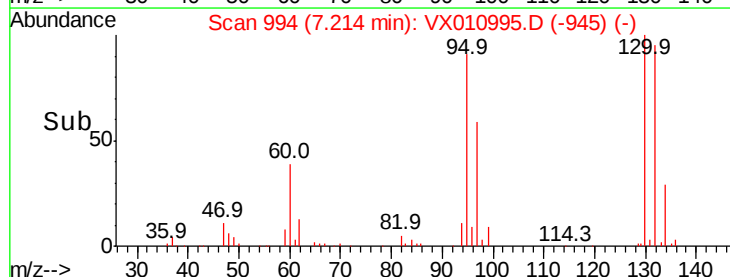
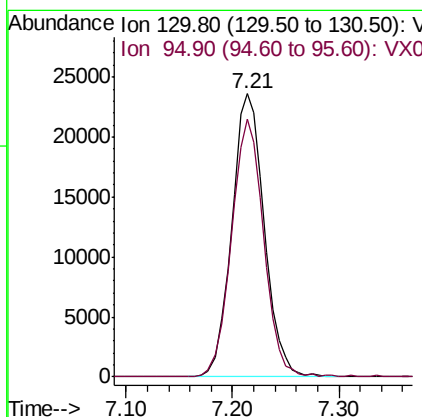
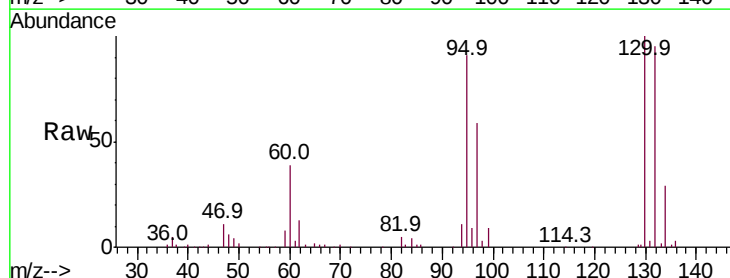
MMDadoda
 7/22/2019 5:22:50 PM

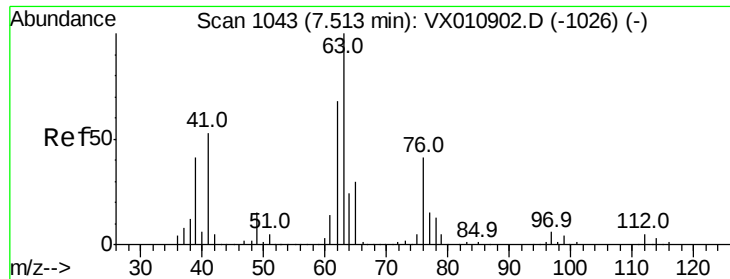


#44

Trichloroethene
 Concen: 20.061 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	130	95
Ion	130	95
Ratio	100	90.8
Lower		0.0
Upper		174.8





#45

1,2-Dichloropropane

Concen: 19.734 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 63 Resp: 42697

Ion Ratio Lower Upper

63 100

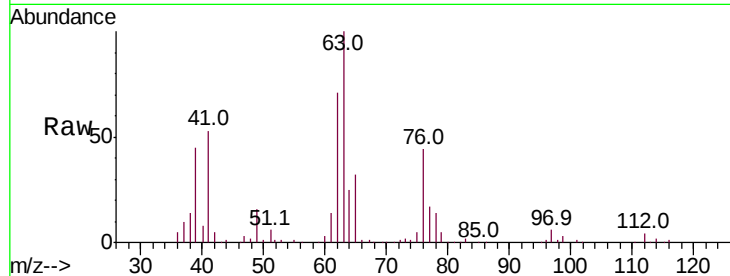
65 31.7 24.4 36.6

Manual Integrations

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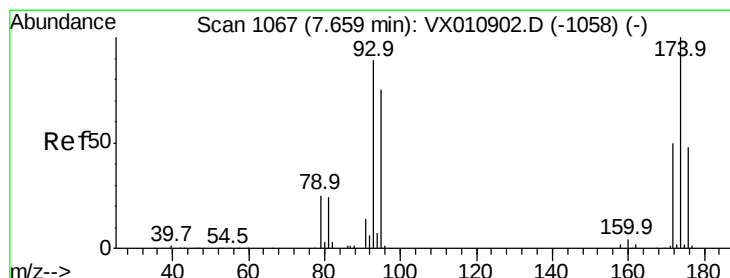
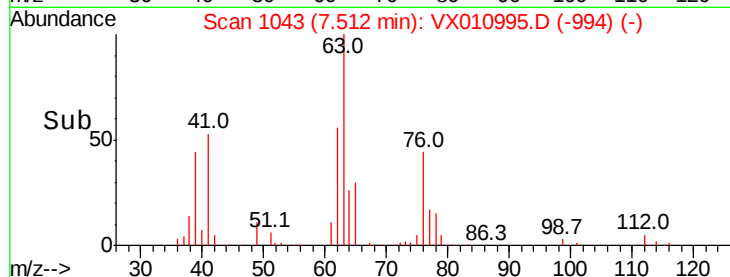
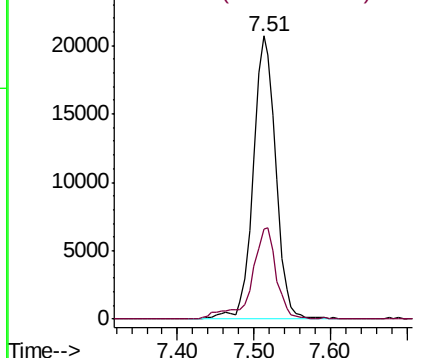
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.868 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

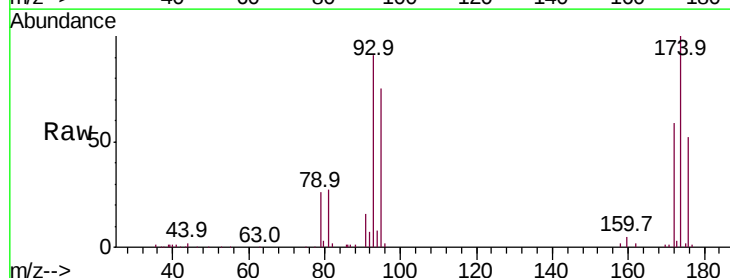
Tgt Ion: 93 Resp: 30717

Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

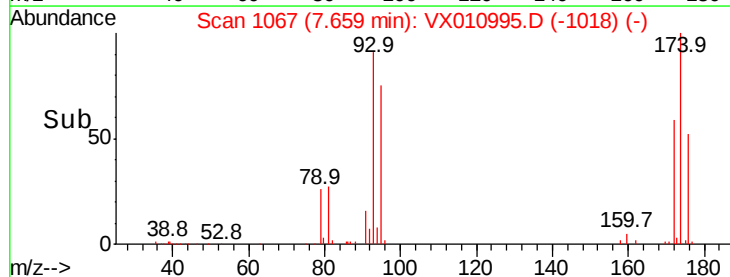
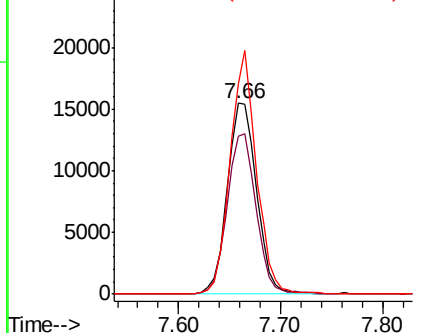
174 114.1 90.6 135.8

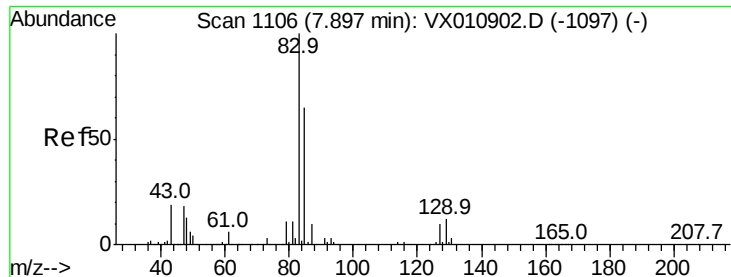


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.930 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

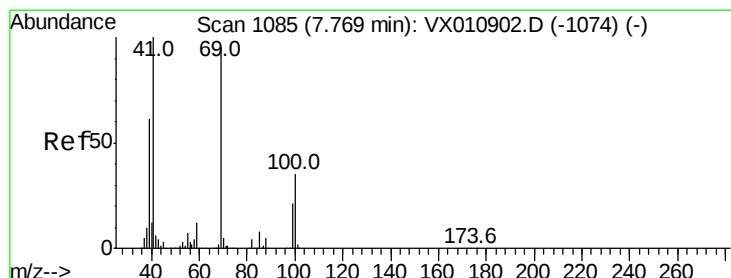
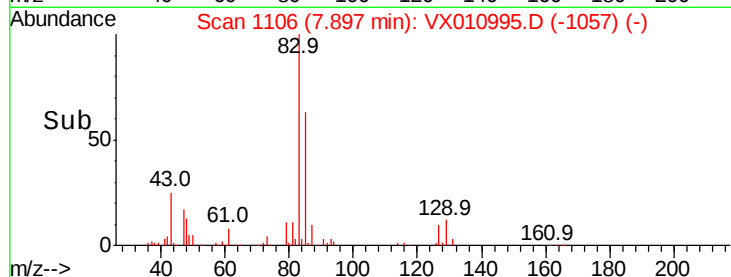
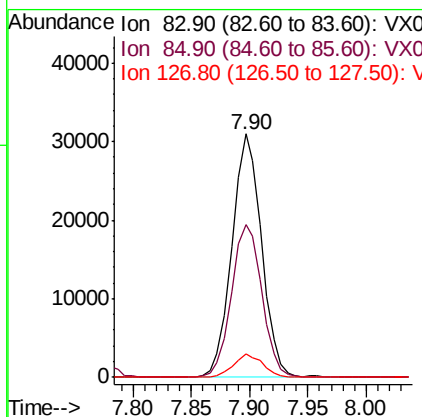
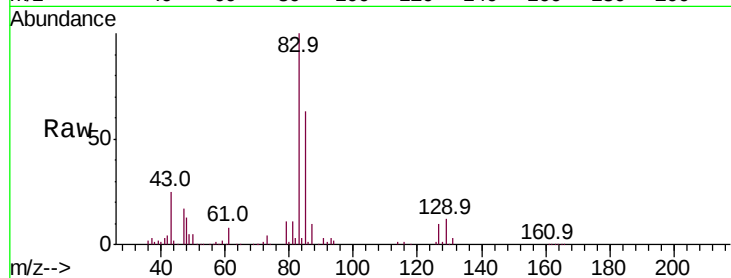
ClientSampleId :

VX0720WBS01

Tot Ion:	83	Resp:	54850
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.5	78.7
127	9.5	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.761 ug/l

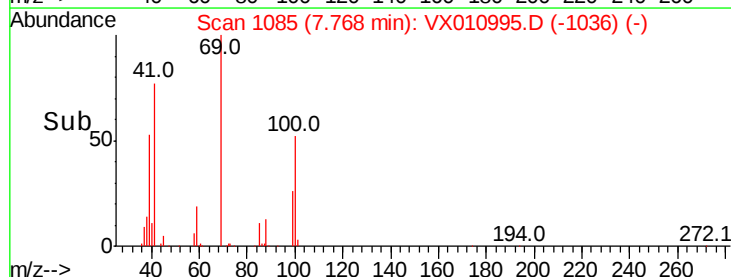
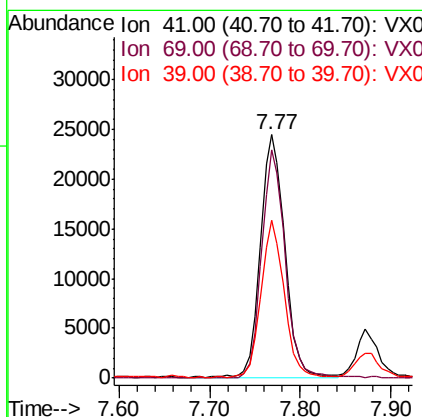
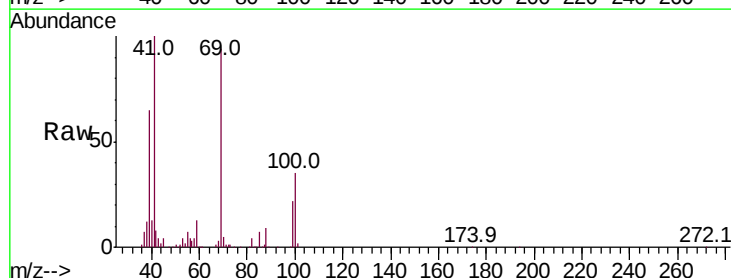
RT: 7.77 min Scan# 1085

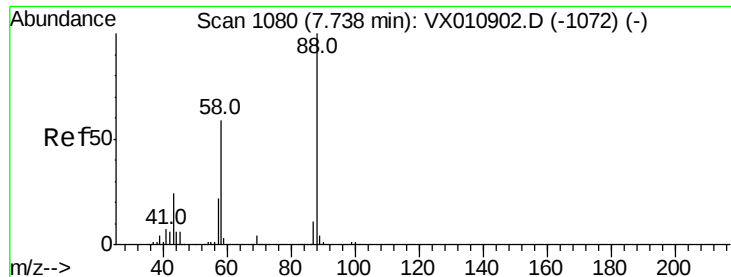
Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion:	41	Resp:	44981
Ion	Ratio	Lower	Upper
41	100		
69	91.9	74.4	111.6
39	61.7	48.9	73.3





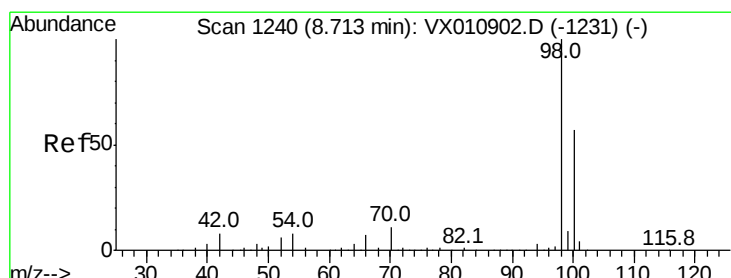
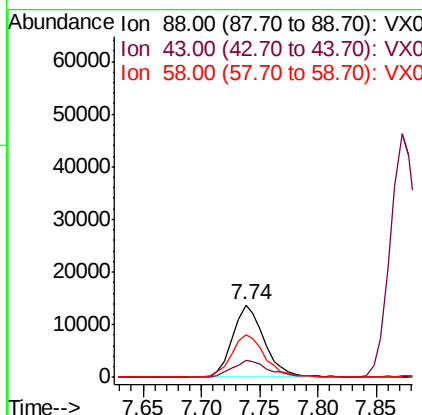
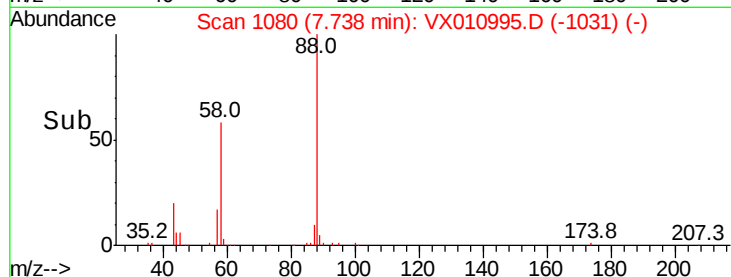
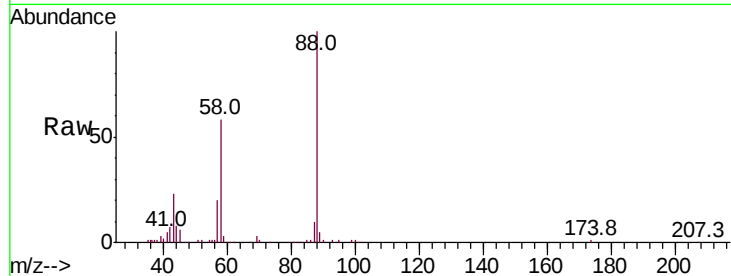
#49
 1,4-Dioxane
 Concen: 409.215 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.4	22.9	34.3
58	62.0	49.8	74.8

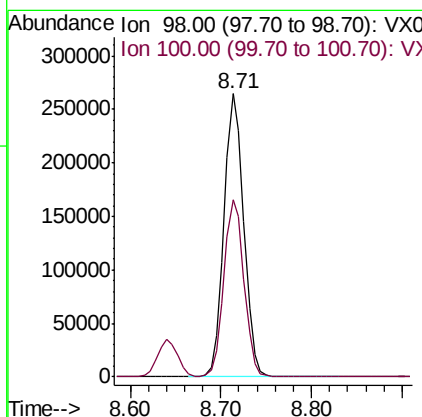
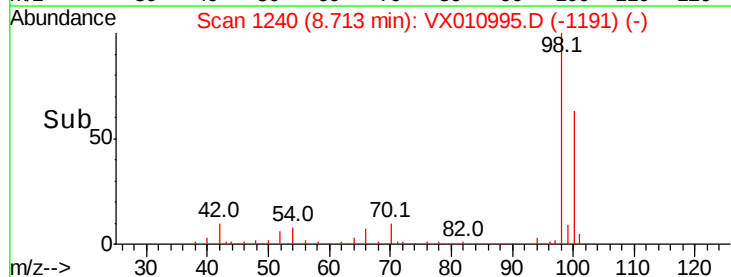
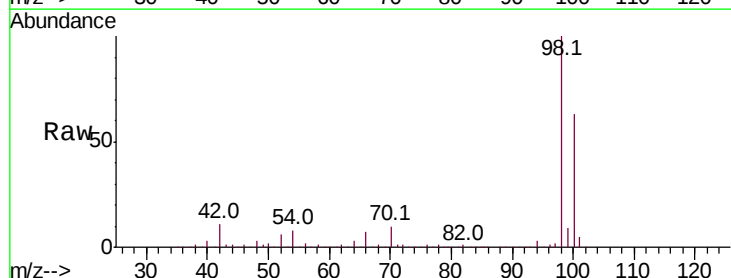
Manual Integrations
 APPROVED

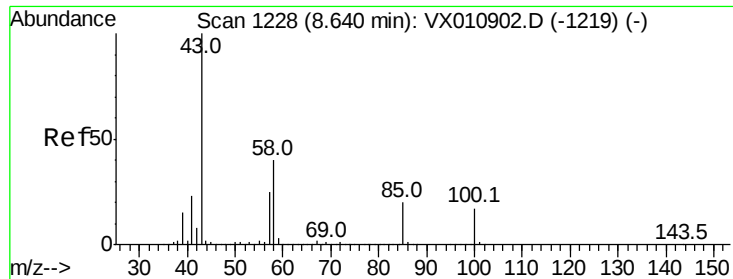
MMDadoda
 7/22/2019 5:22:50 PM



#50
 Toluene-d8
 Concen: 49.906 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8





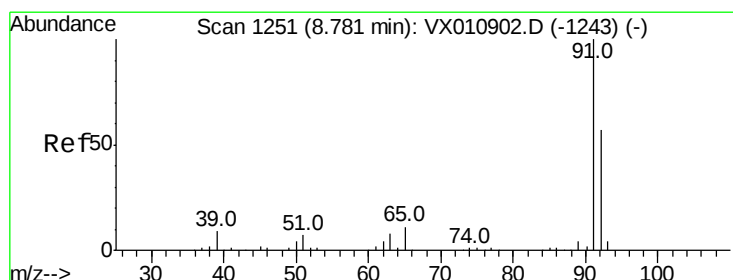
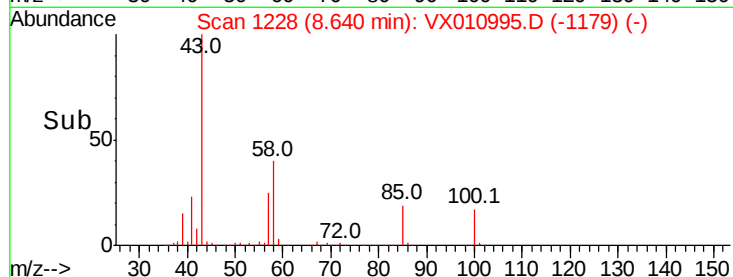
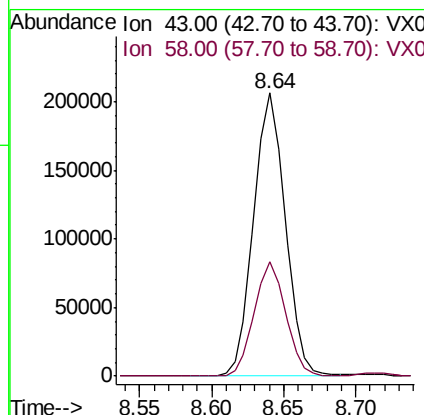
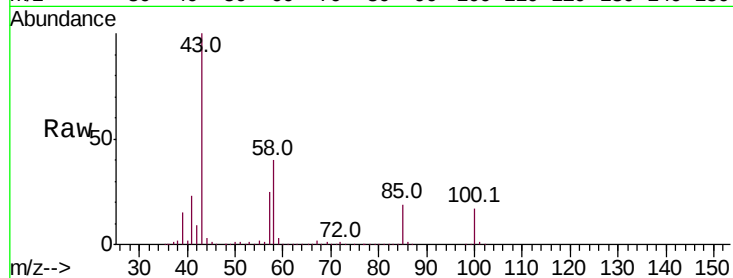
#51
4-Methyl-2-Pentanone
Concen: 103.503 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.2	48.4

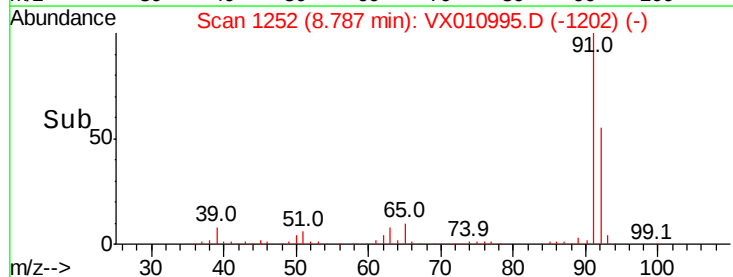
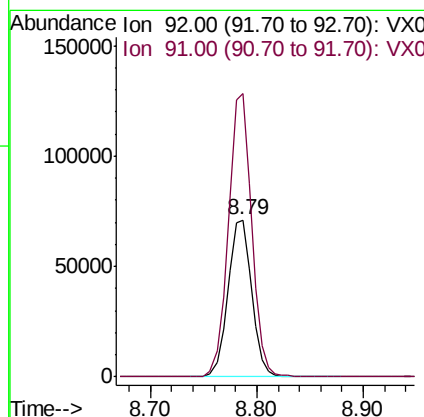
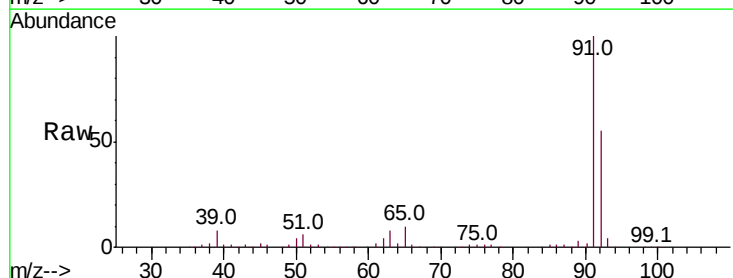
Manual Integrations
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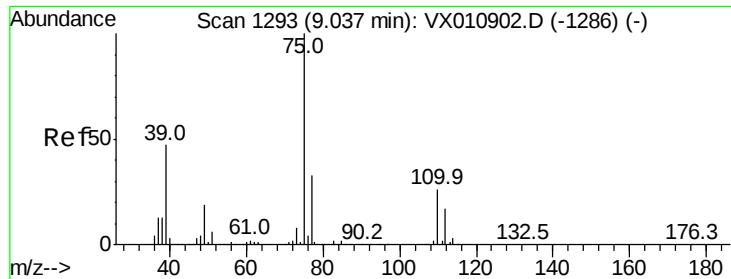
MMDadoda
7/22/2019 5:22:50 PM



#52
Toluene
Concen: 19.949 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.8	139.4	209.0





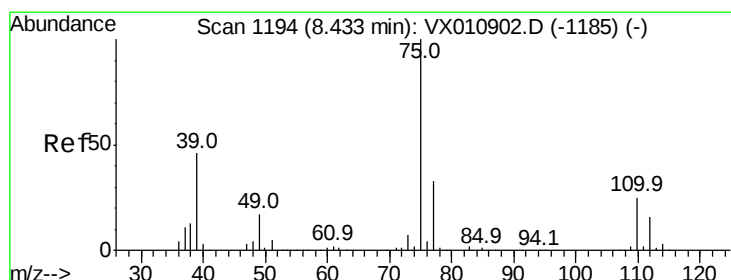
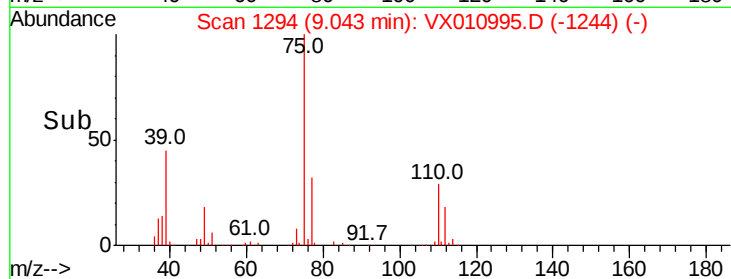
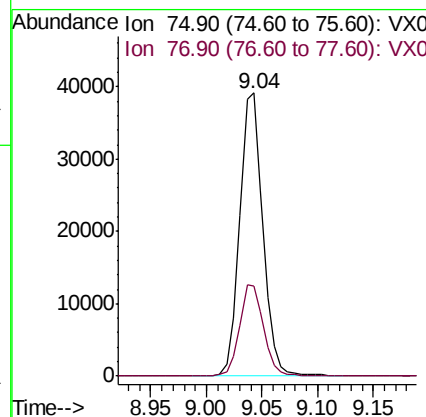
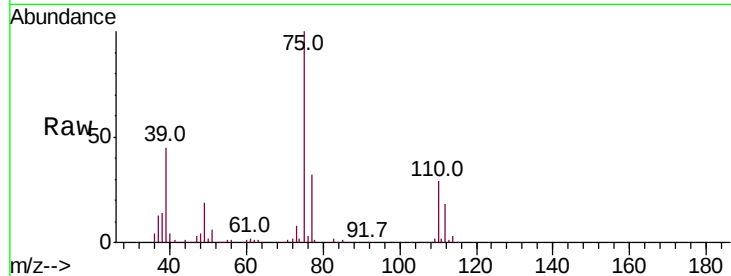
#53
 t-1,3-Dichloropropene
 Concen: 19.006 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion: 75 Resp: 56245
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2

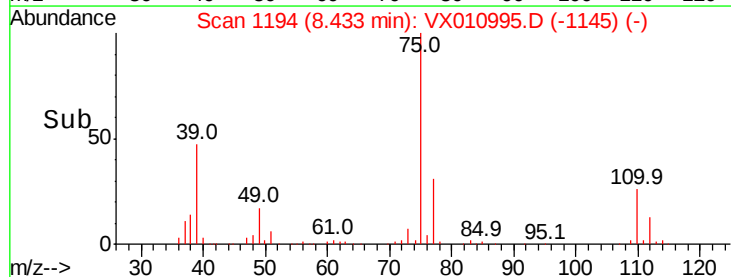
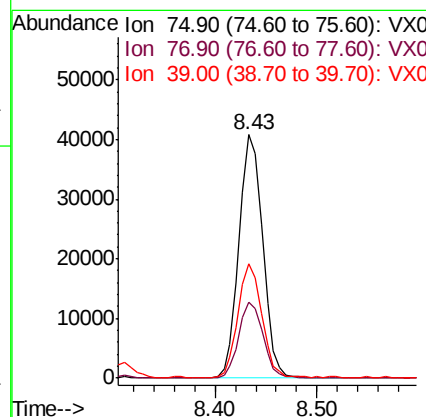
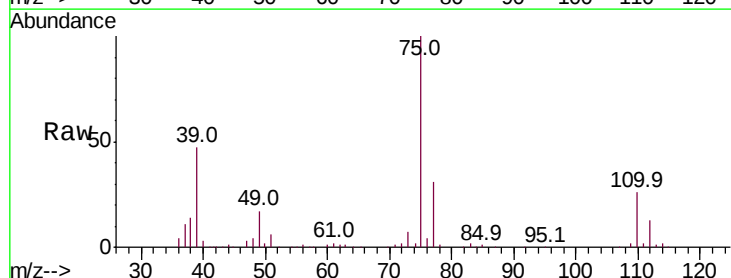
Manual Integrations
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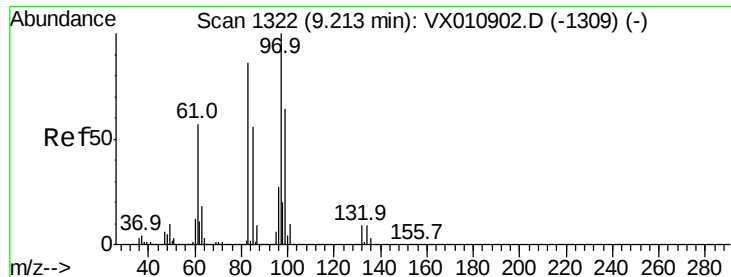
MMDadoda
 7/22/2019 5:22:50 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.976 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion: 75 Resp: 65778
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 46.8 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 20.412 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

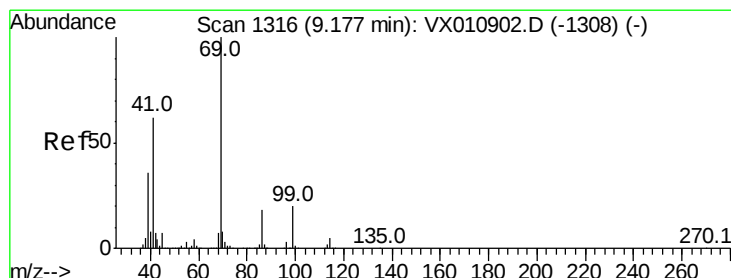
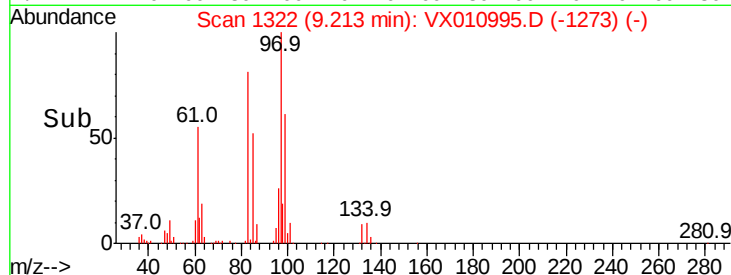
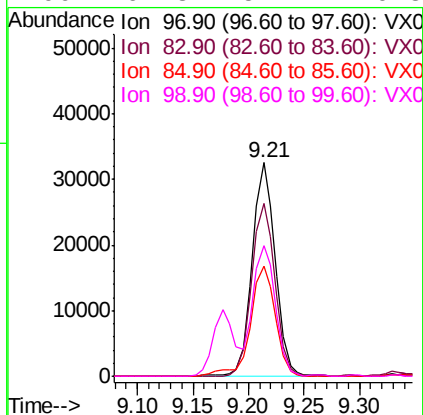
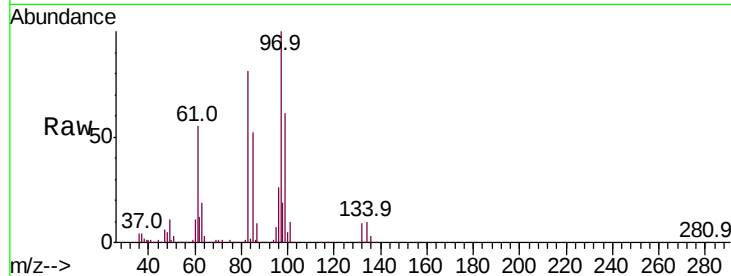
ClientSampleId :

VX0720WBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	81.0	69.2	103.8	
85	51.5	44.6	66.8	
99	61.3	51.2	76.8	

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.457 ug/l

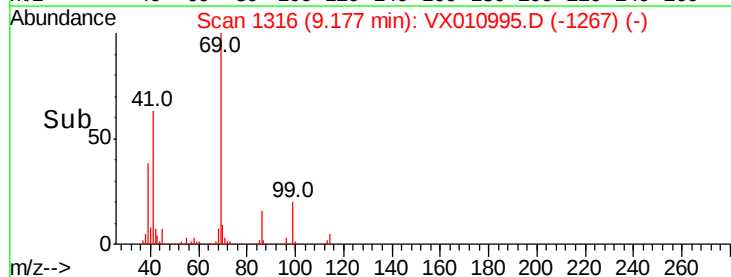
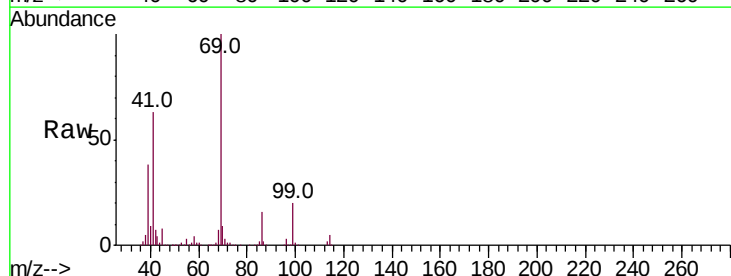
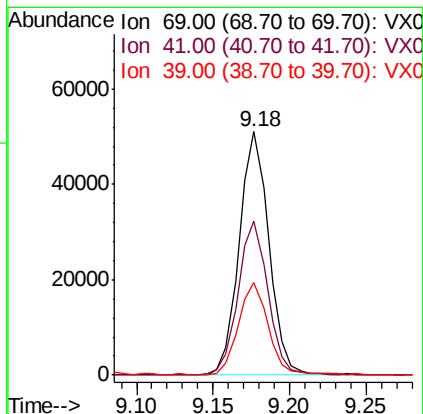
RT: 9.18 min Scan# 1316

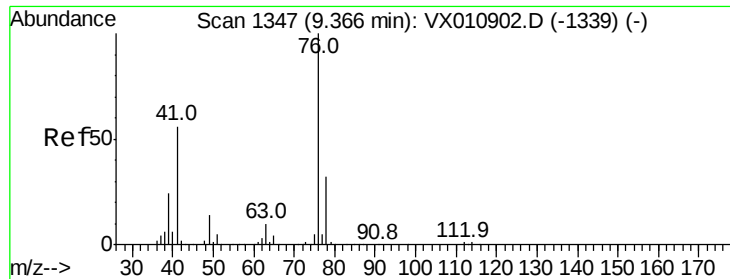
Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	63.9	49.7	74.5	
39	37.2	29.6	44.4	





#57

1,3-Dichloropropane

Concen: 19.955 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 76 Resp: 72791

Ion Ratio Lower Upper

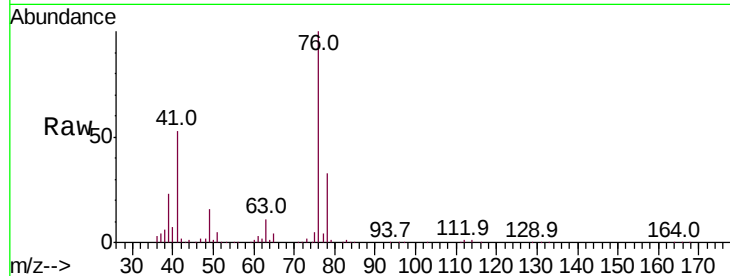
76 100

78 32.9 25.6 38.4

Manual Integrations
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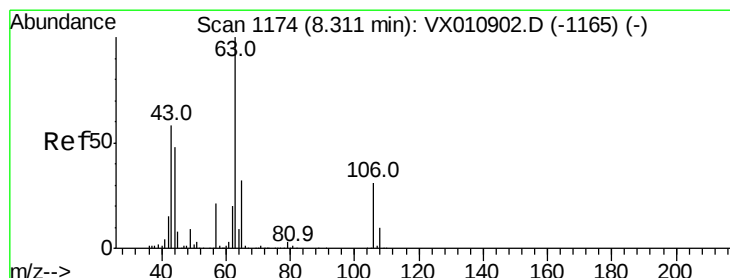
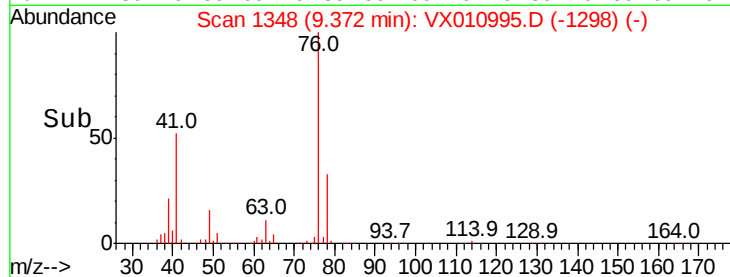
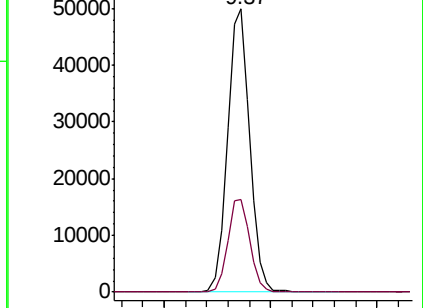
MMDadoda

7/22/2019 5:22:50 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.697 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010995.D

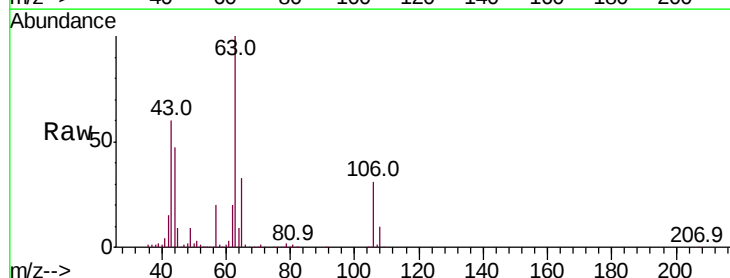
Acq: 19 Jul 2019 12:21

Tgt Ion: 63 Resp: 171313

Ion Ratio Lower Upper

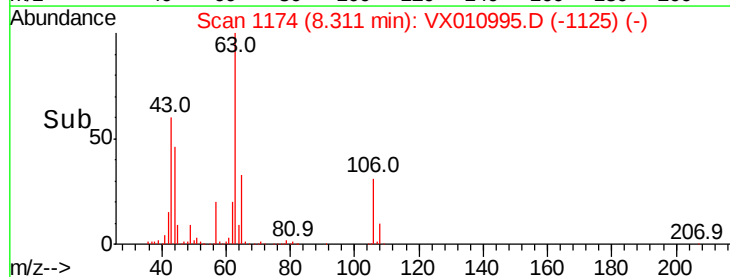
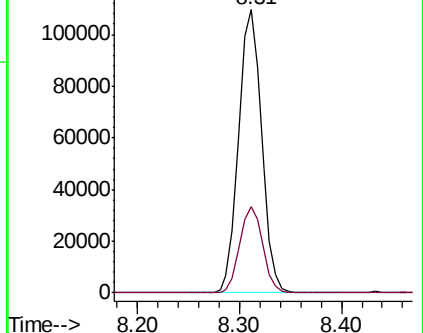
63 100

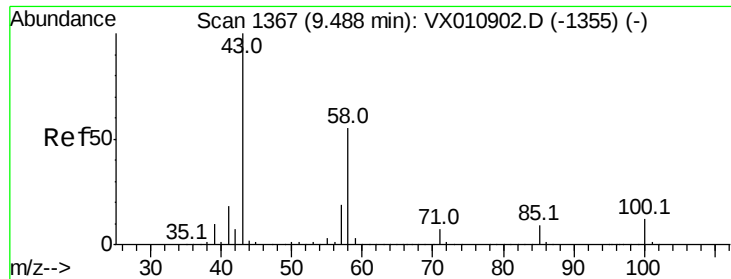
106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





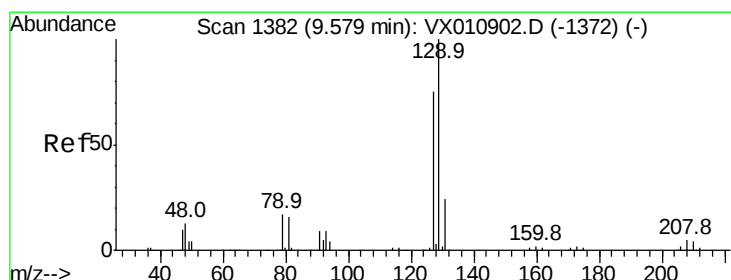
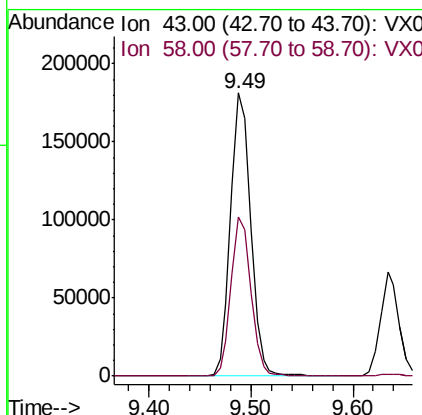
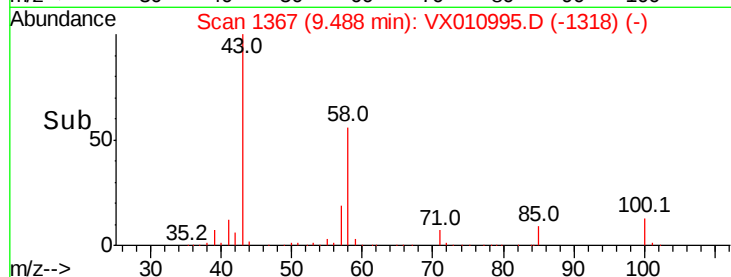
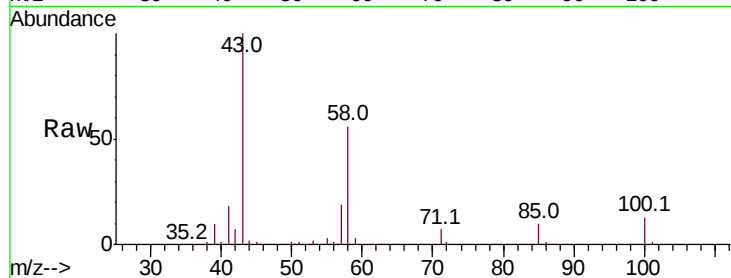
#59
2-Hexanone
Concen: 105.228 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	28.0	83.9

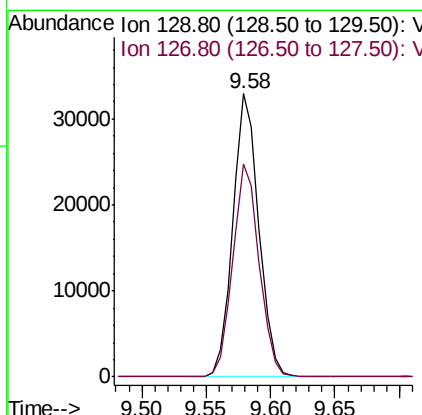
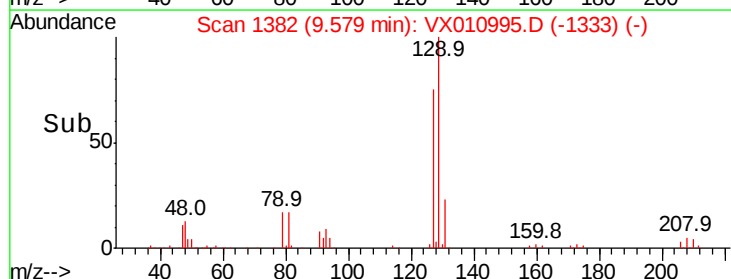
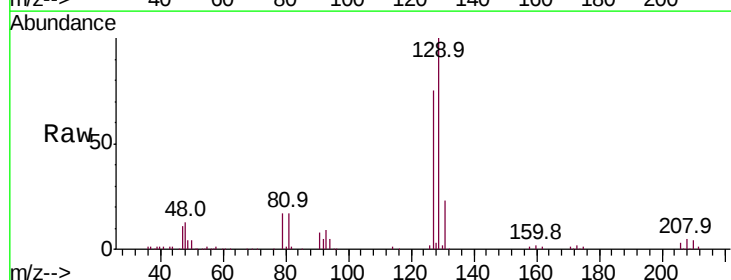
Manual Integrations
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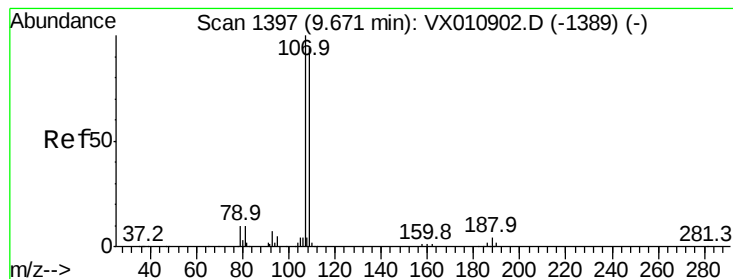
MMDadoda
7/22/2019 5:22:50 PM



#60
Dibromochloromethane
Concen: 19.150 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.389 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion:107 Resp: 49755

Ion Ratio Lower Upper

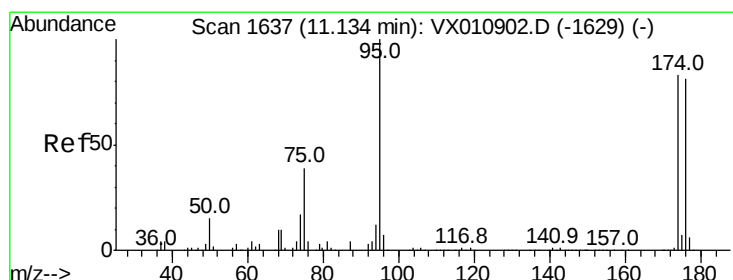
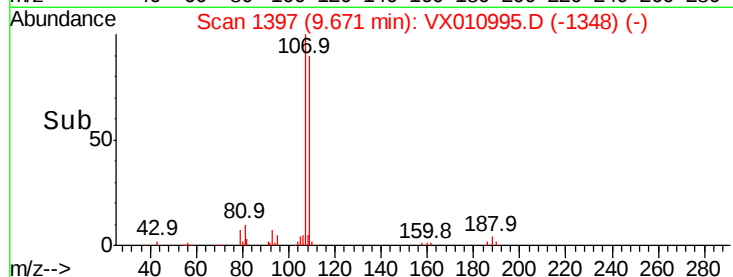
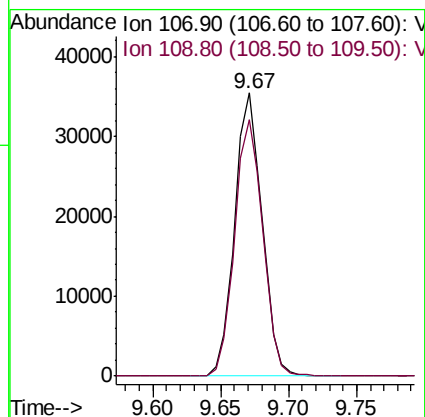
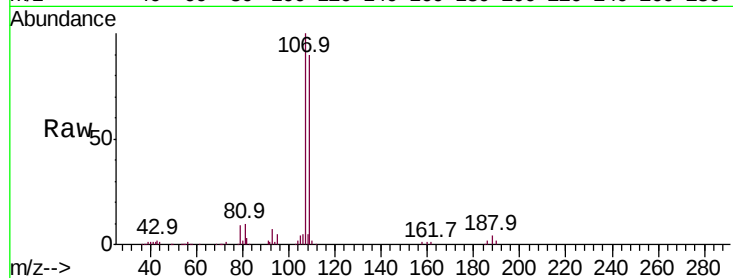
107 100

109 93.3 75.4 113.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.048 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

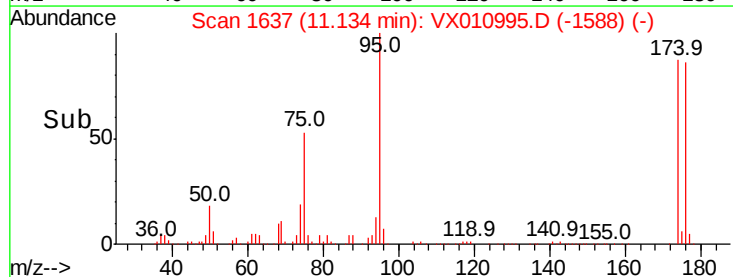
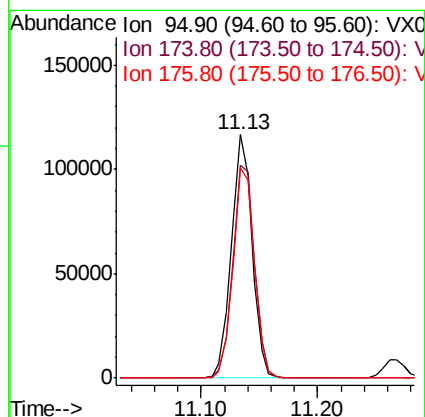
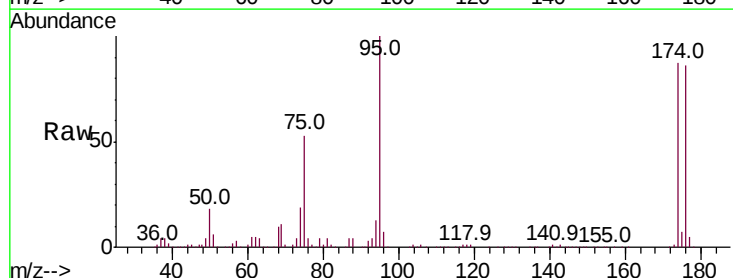
Tgt Ion: 95 Resp: 145005

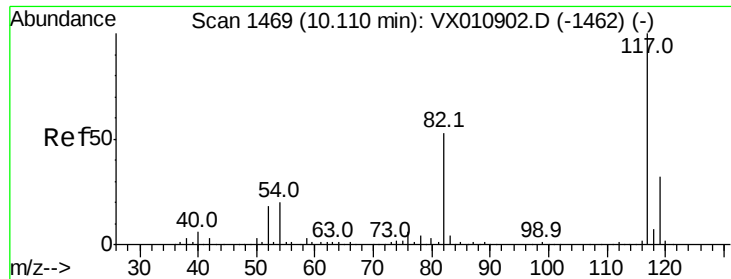
Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.6

176 89.3 0.0 173.8





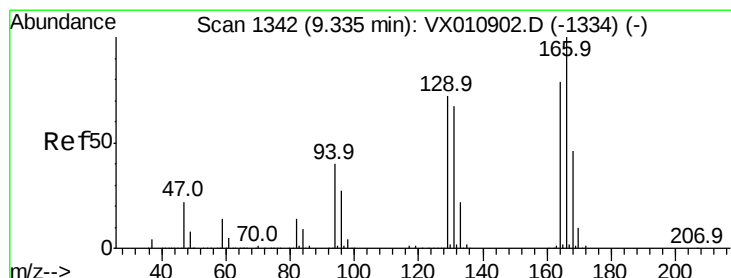
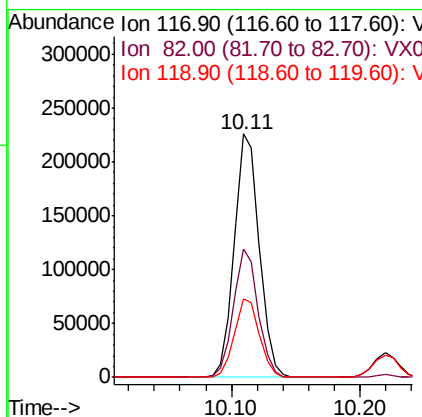
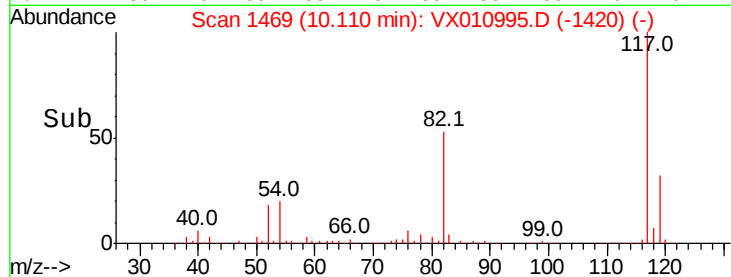
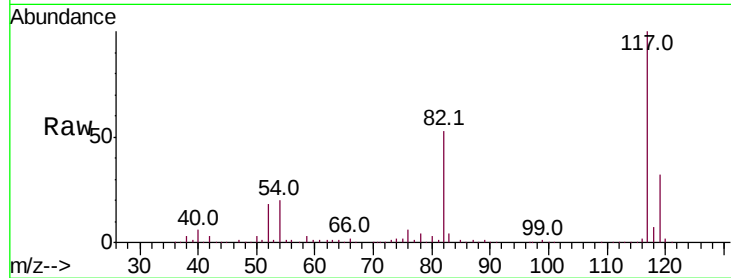
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	63.8
119	32.2	25.9	38.9

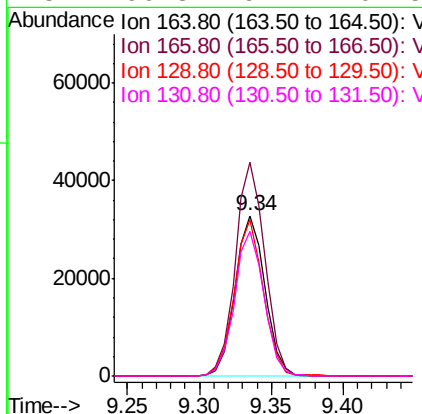
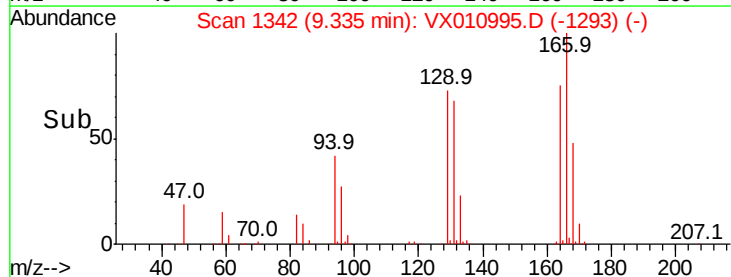
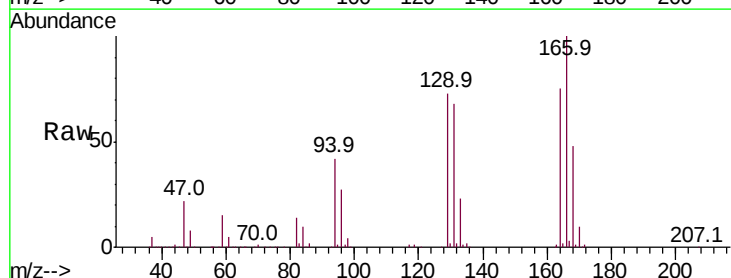
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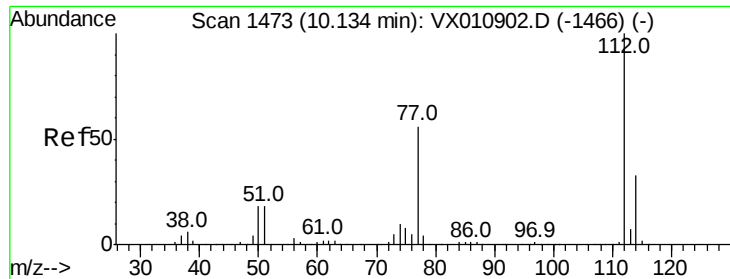
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#64
Tetrachloroethene
Concen: 19.675 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	100.8	151.2
129	97.2	72.6	109.0
131	90.3	67.7	101.5





#65

Chlorobenzene

Concen: 19.962 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS01

Tot Ion:112 Resp: 125400

Ion Ratio Lower Upper

112 100

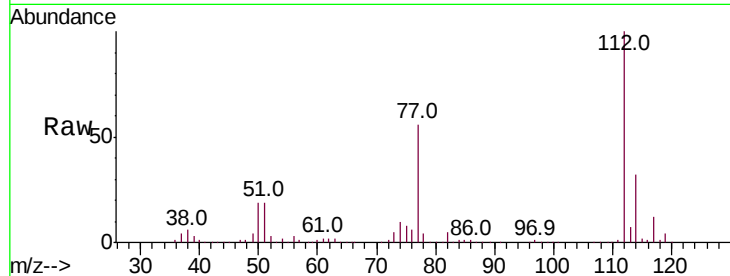
114 32.2 26.2 39.4

Manual Integrations

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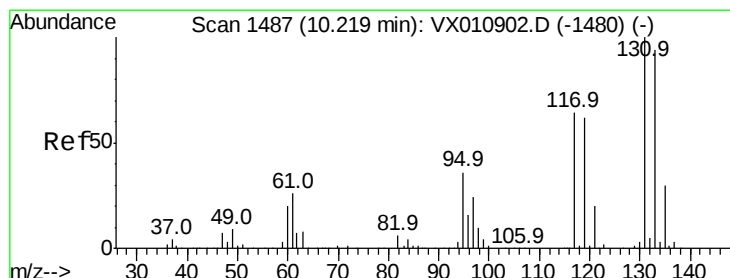
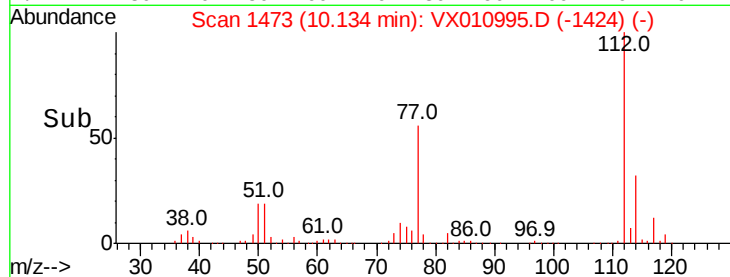
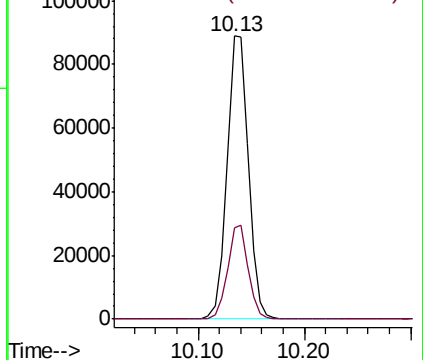
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.150 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

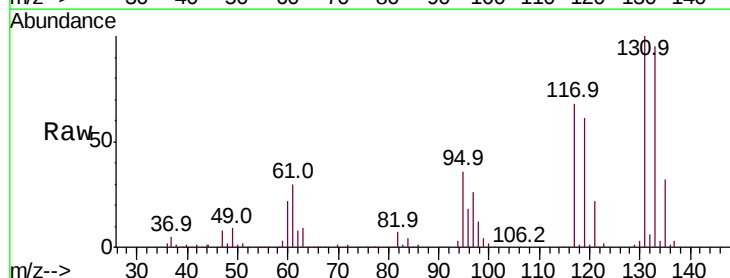
Tgt Ion:131 Resp: 44486

Ion Ratio Lower Upper

131 100

133 95.0 47.1 141.4

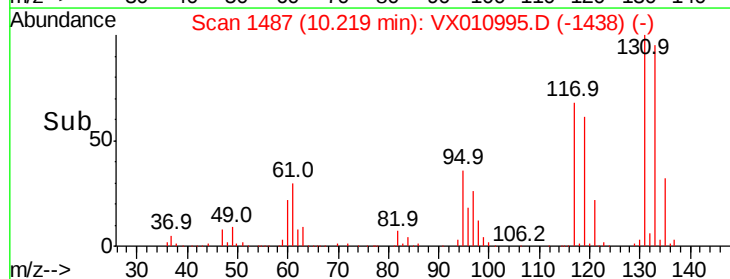
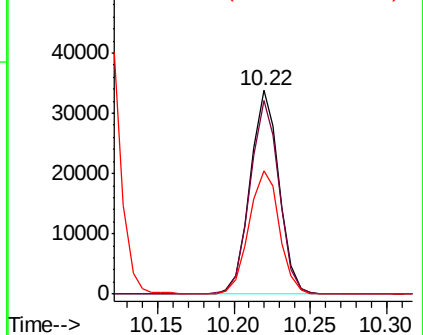
119 63.7 31.9 95.7

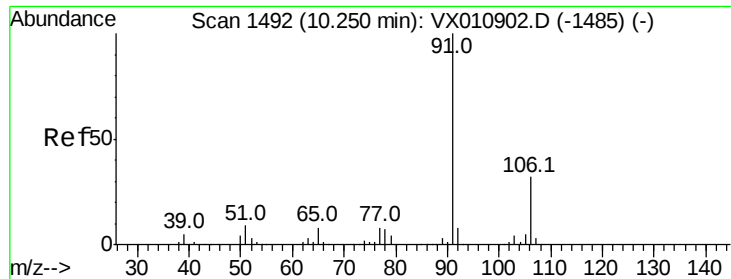


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





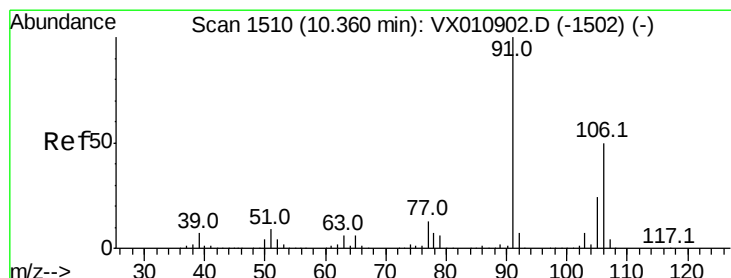
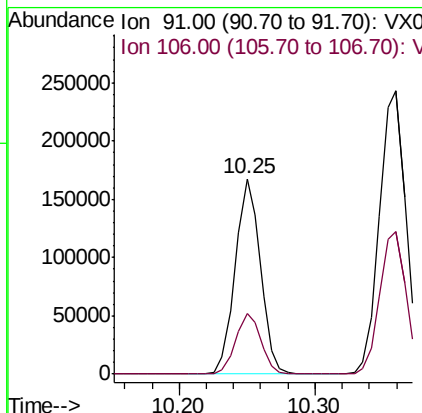
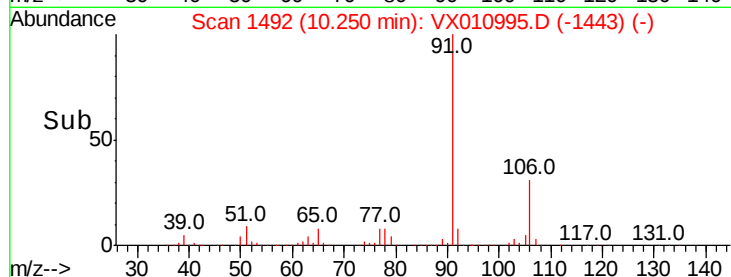
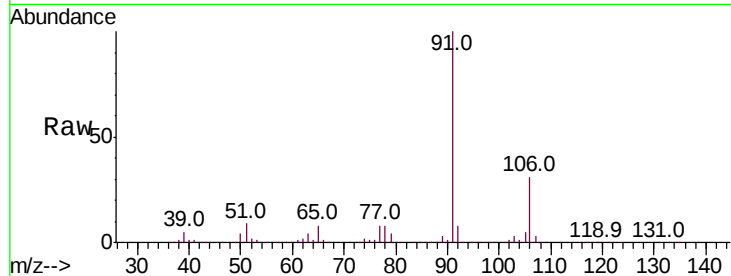
#67
Ethyl Benzene
Concen: 20.209 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion: 91 Resp: 216085
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

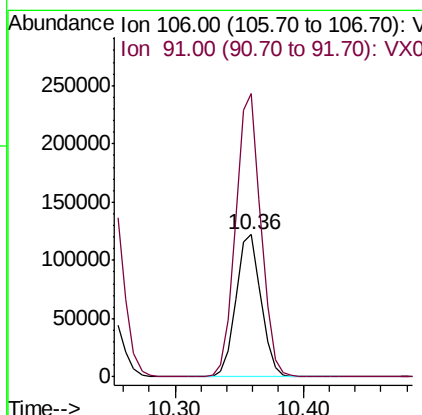
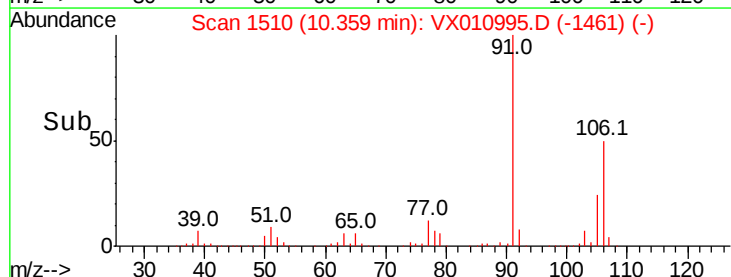
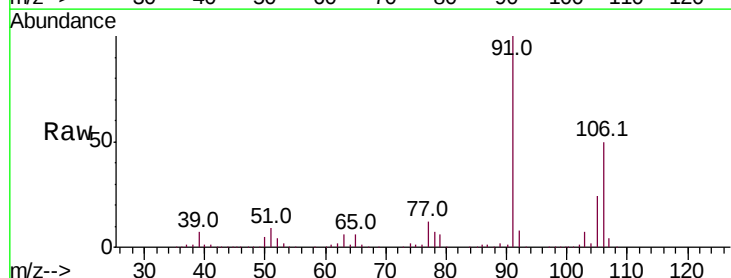
Manual Integrations
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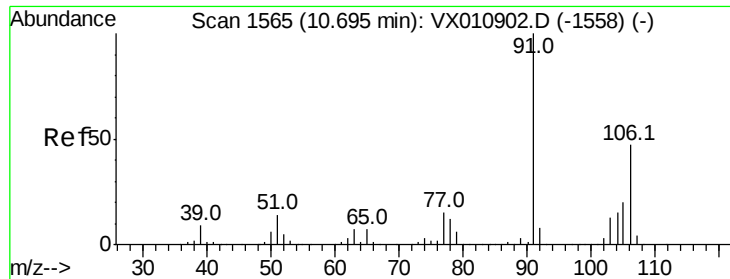
MMDadoda
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#68
m/p-Xylenes
Concen: 40.375 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion: 106 Resp: 165599
Ion Ratio Lower Upper
106 100
91 198.9 160.1 240.1





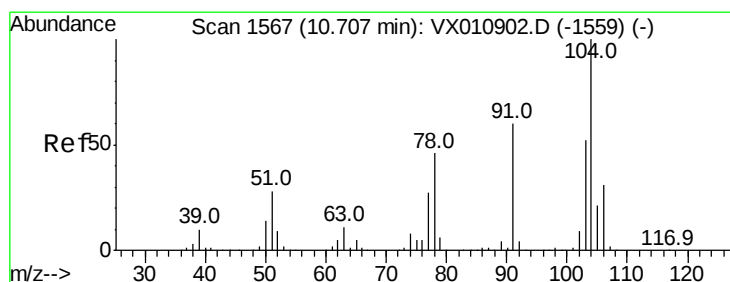
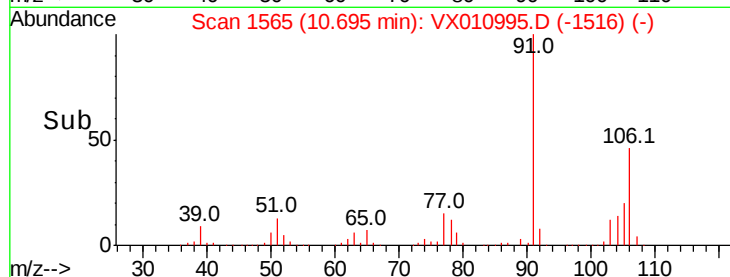
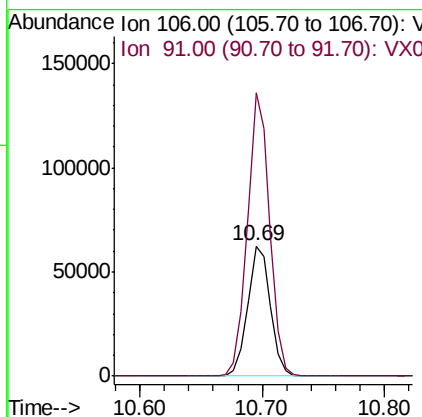
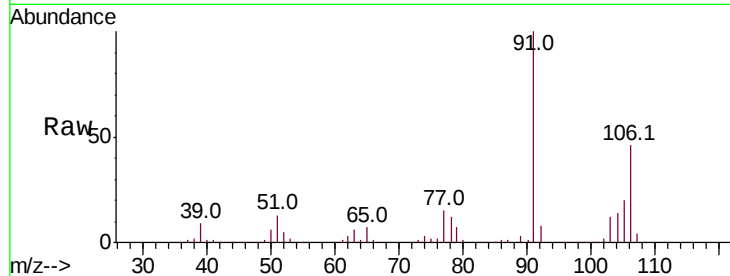
#69
o-Xylene
Concen: 20.153 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion:106 Resp: 80669
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.3

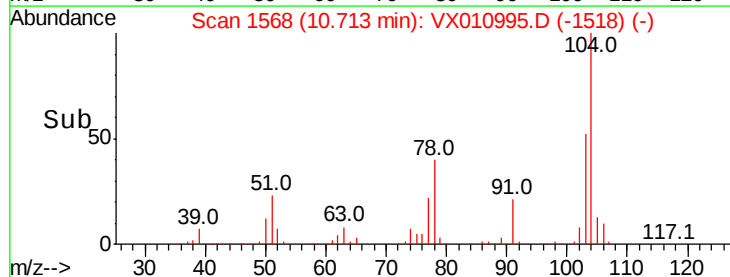
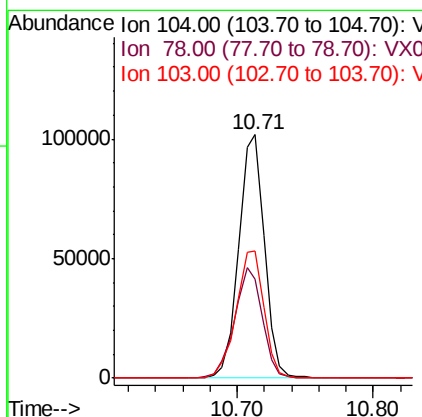
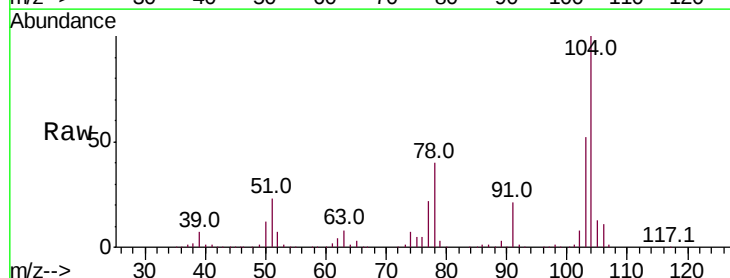
Manual Integrations
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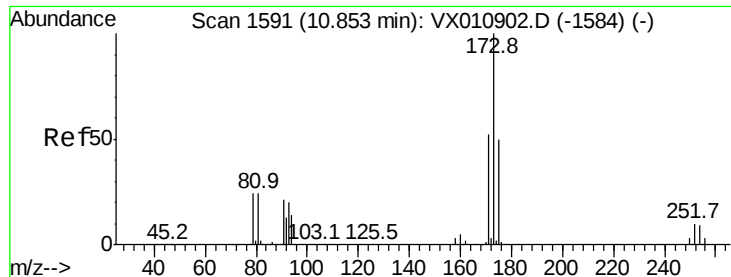
MMDadoda
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#70
Styrene
Concen: 20.069 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion:104 Resp: 133920
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 57.0 44.2 66.4





#71

Bromoform

Concen: 18.273 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion:173 Resp: 33306

Ion Ratio Lower Upper

173 100

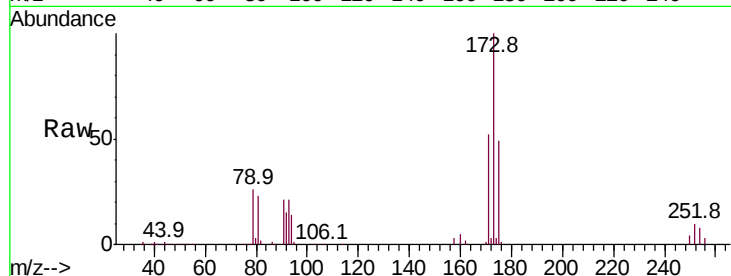
175 48.9 24.6 73.6

254 0.0 0.1 0.1#

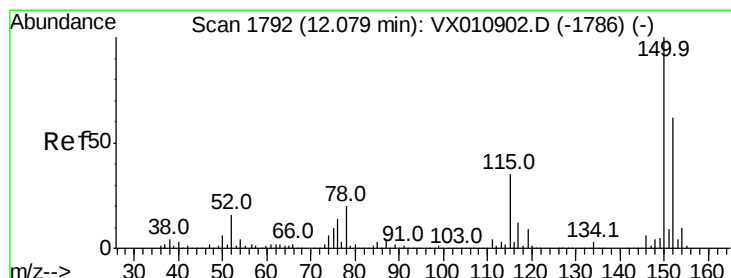
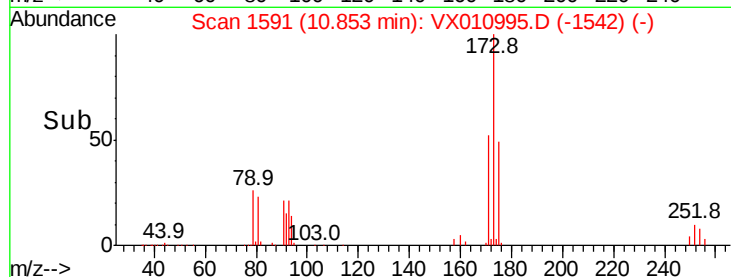
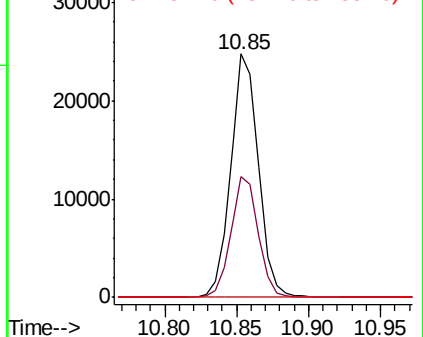
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

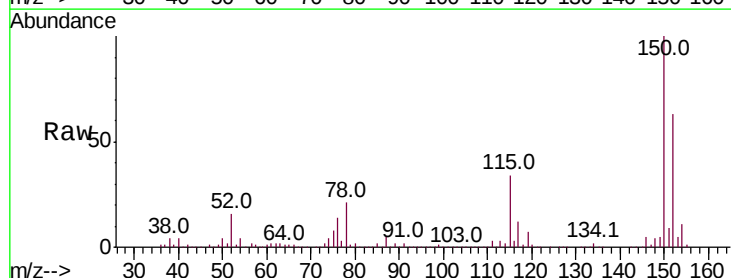
Tgt Ion:152 Resp: 160137

Ion Ratio Lower Upper

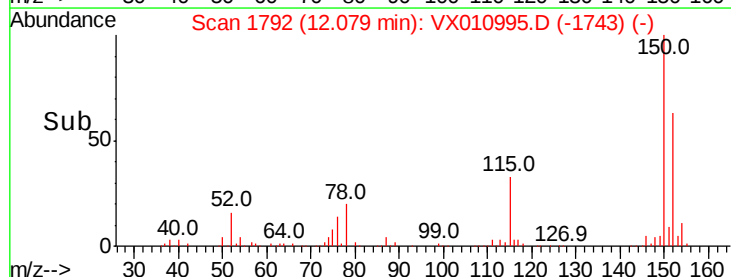
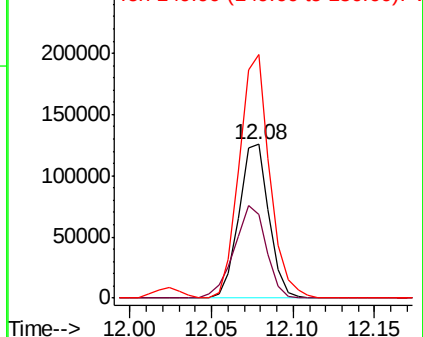
152 100

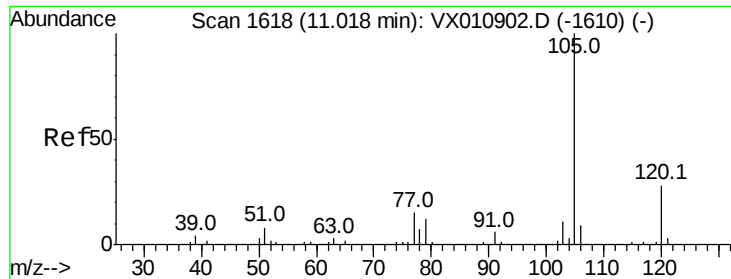
115 65.0 39.7 119.1

150 162.2 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.049 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 105 Resp: 216944

Ion Ratio Lower Upper

105 100

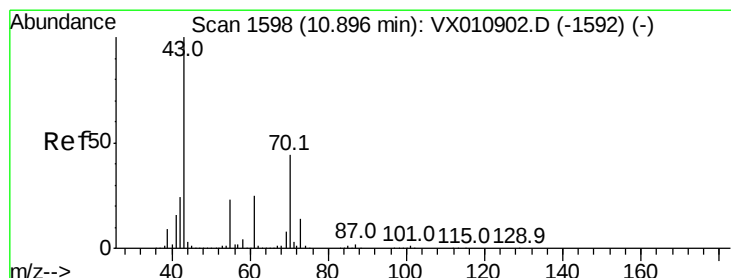
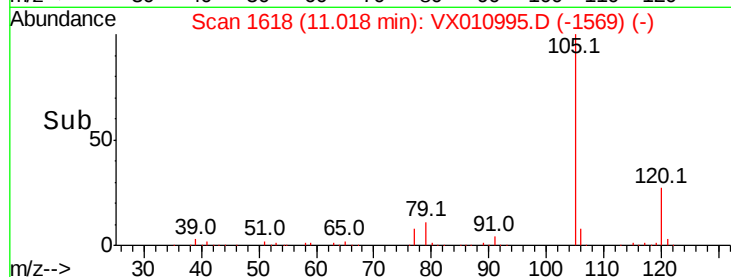
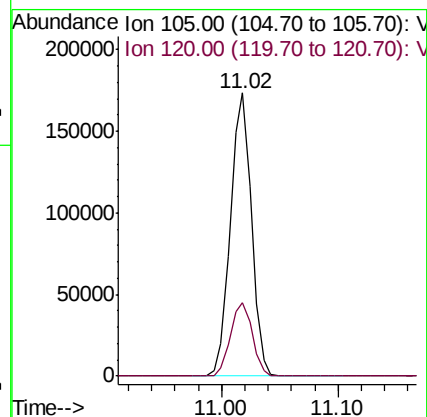
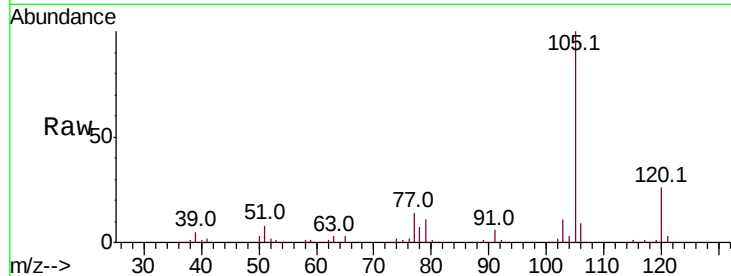
120 27.0 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.975 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion: 43 Resp: 82585

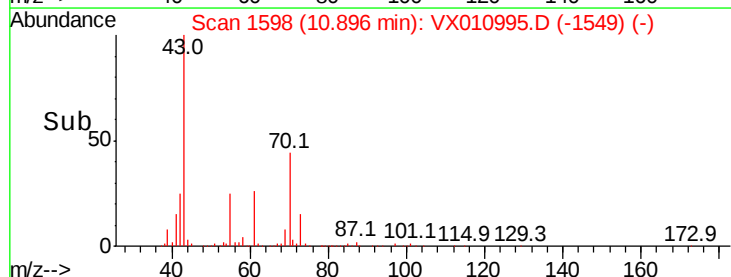
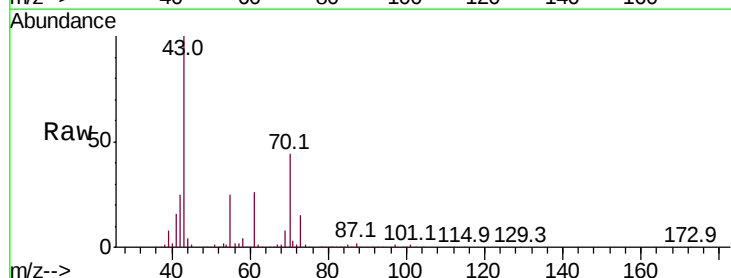
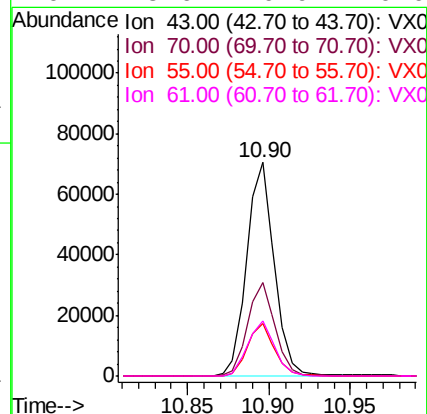
Ion Ratio Lower Upper

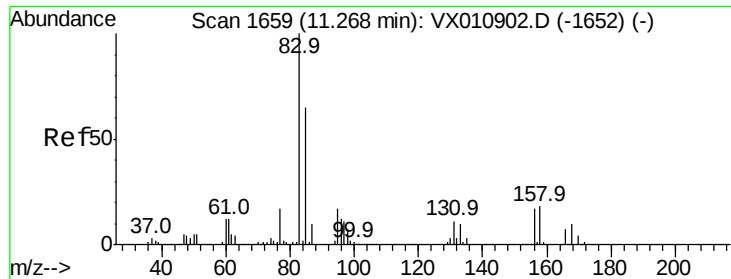
43 100

70 44.0 34.7 52.1

55 24.9 19.1 28.7

61 25.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.114 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

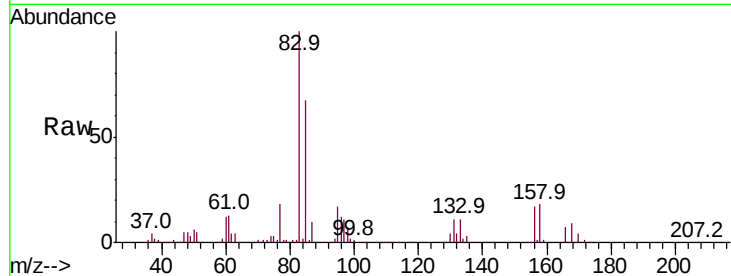
ClientSampleId :

VX0720WBS01

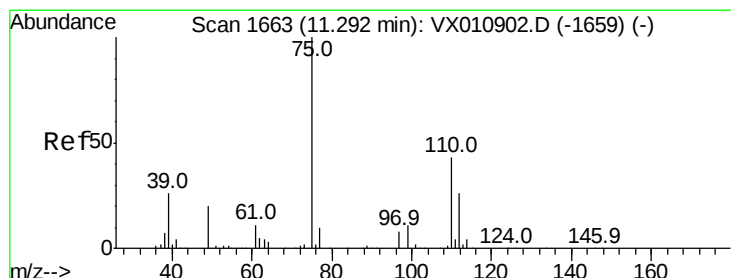
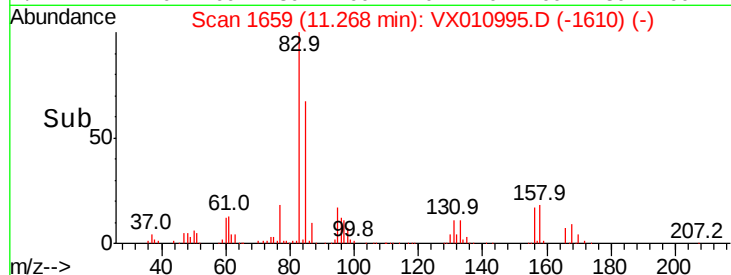
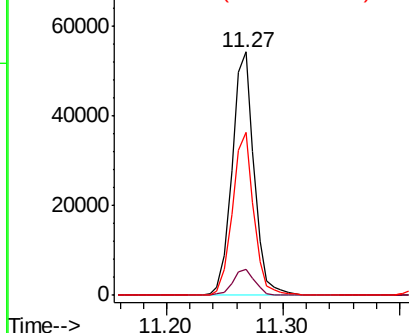
Tot Ion:	83	Resp:	71224
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	65.4	32.3	96.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.762 ug/l m

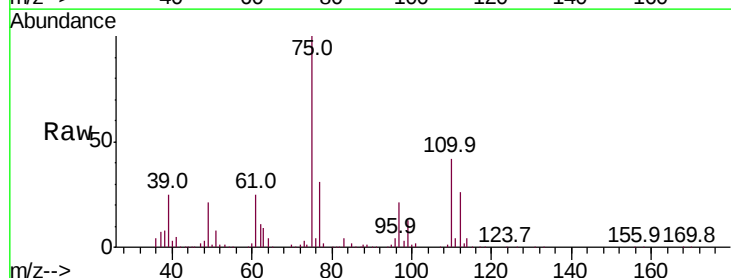
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

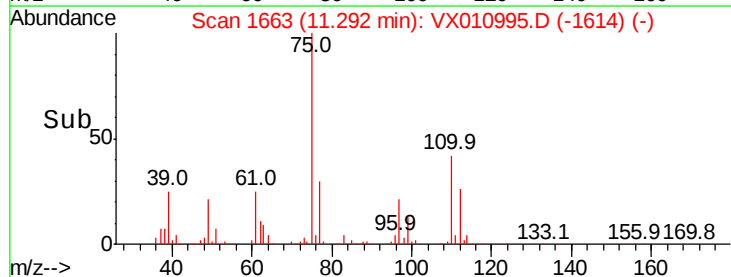
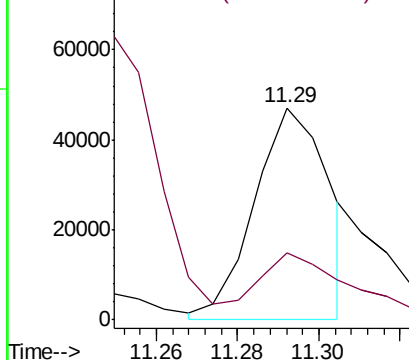
Lab File: VX010995.D

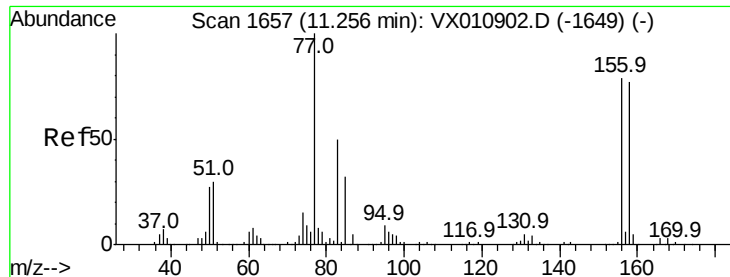
Acq: 19 Jul 2019 12:21

Tgt Ion:	75	Resp:	59996
Ion	Ratio	Lower	Upper
75	100		
77	39.9	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.346 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion:156 Resp: 57740

Ion Ratio Lower Upper

156 100

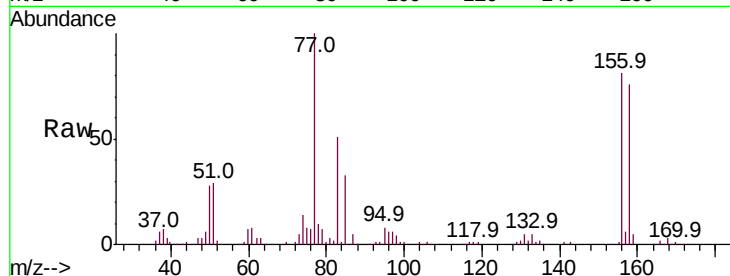
77 138.9 68.7 206.1

158 97.7 47.9 143.7

Manual Integrations
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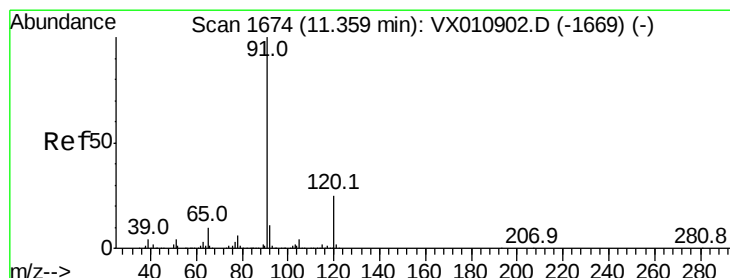
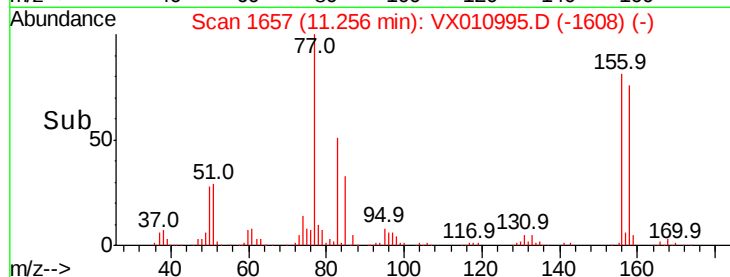
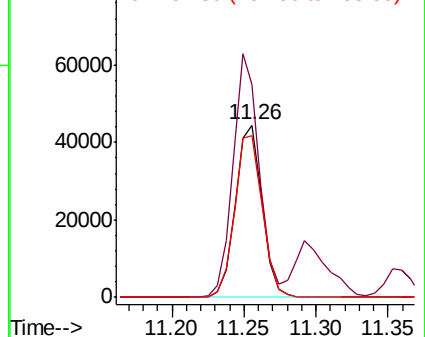
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.337 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010995.D

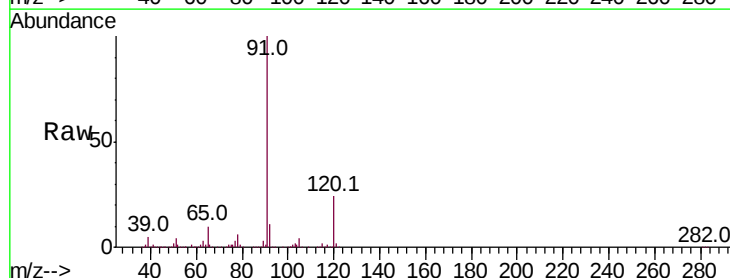
Acq: 19 Jul 2019 12:21

Tgt Ion: 91 Resp: 243142

Ion Ratio Lower Upper

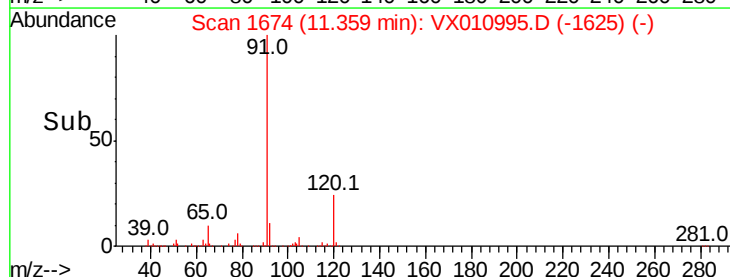
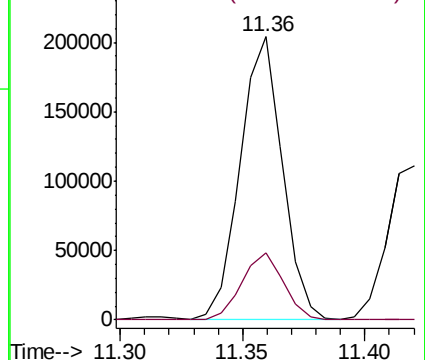
91 100

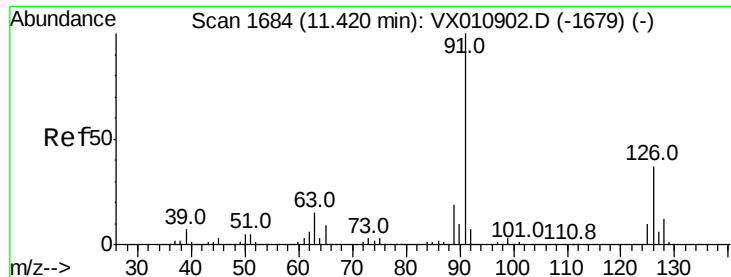
120 23.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.919 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 91 Resp: 143059

Ion Ratio Lower Upper

91 100

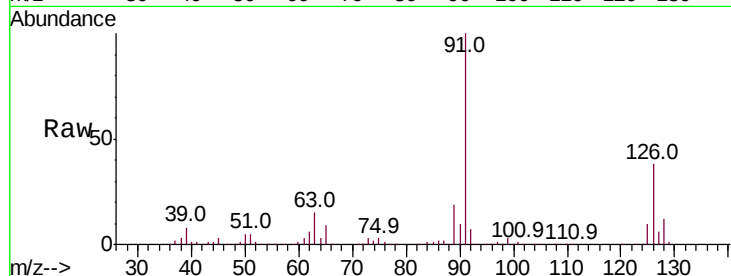
126 36.7 18.0 54.0

Manual Integrations

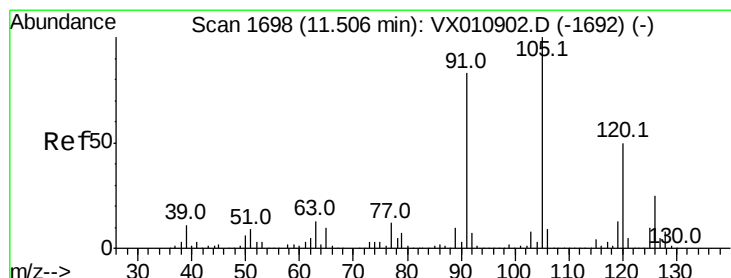
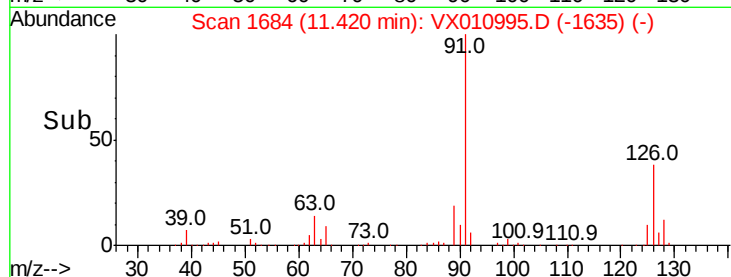
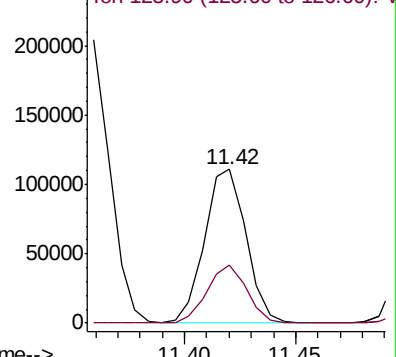
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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.933 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010995.D

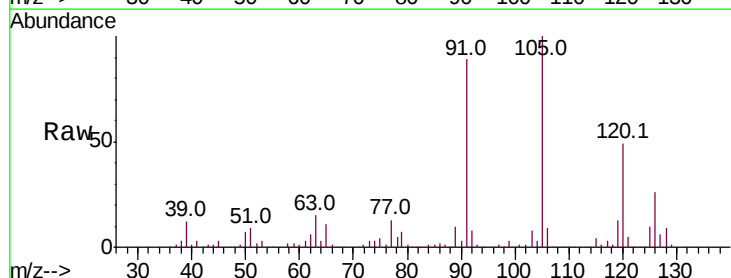
Acq: 19 Jul 2019 12:21

Tgt Ion: 105 Resp: 180222

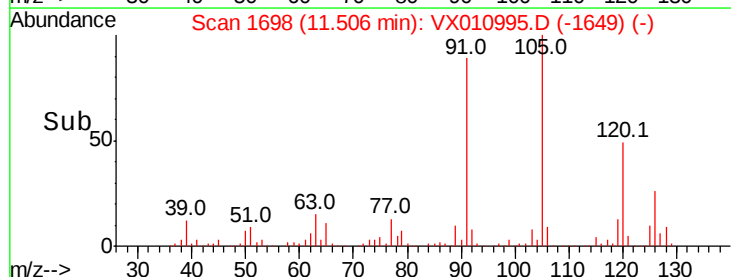
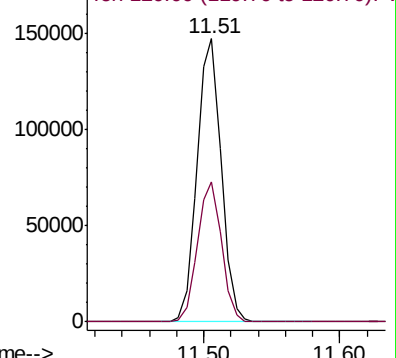
Ion Ratio Lower Upper

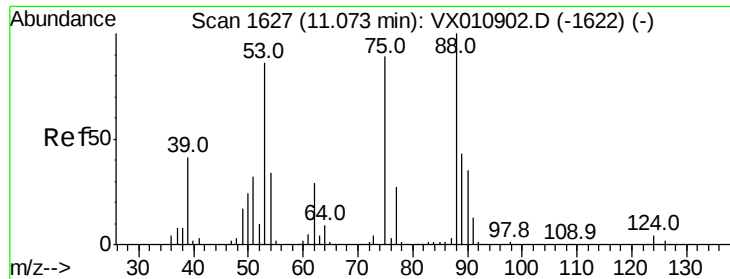
105 100

120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.062 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion: 75 Resp: 18690

Ion Ratio Lower Upper

75 100

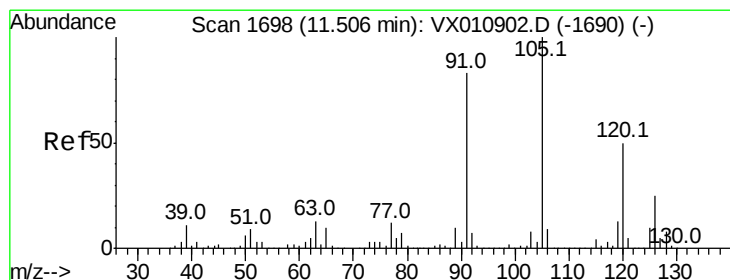
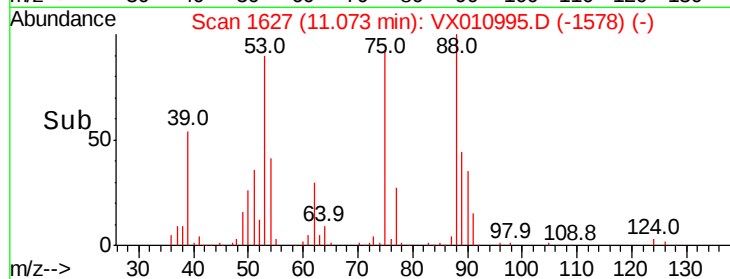
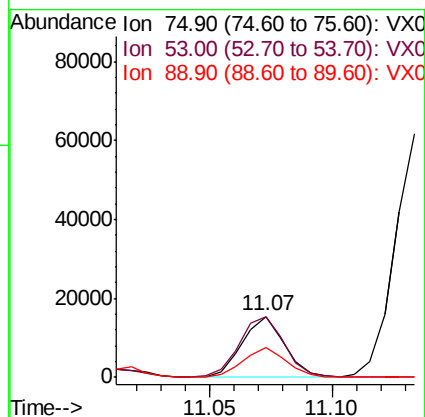
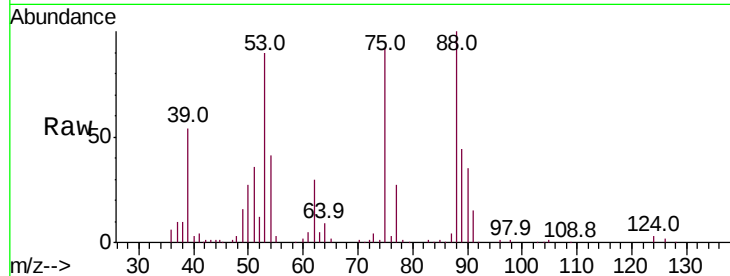
53 106.1 76.7 115.1

89 48.5 38.5 57.7

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#82

4-Chlorotoluene

Concen: 19.985 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010995.D

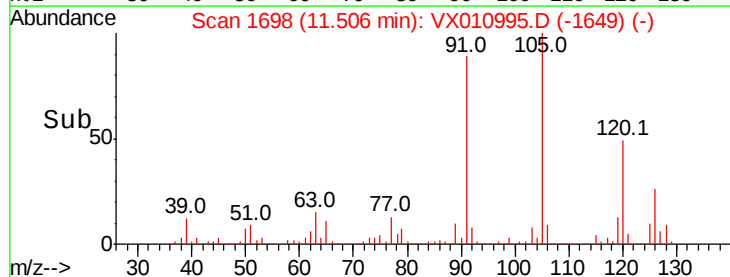
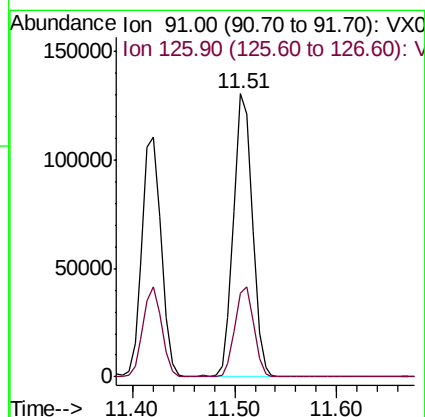
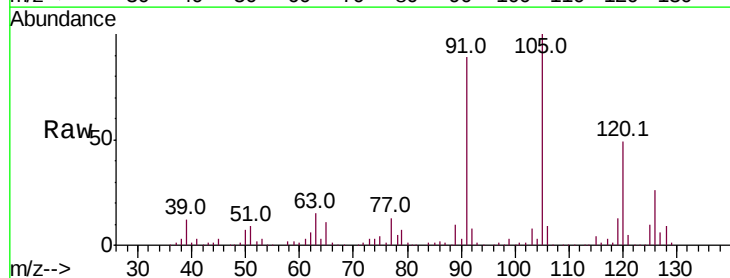
Acq: 19 Jul 2019 12:21

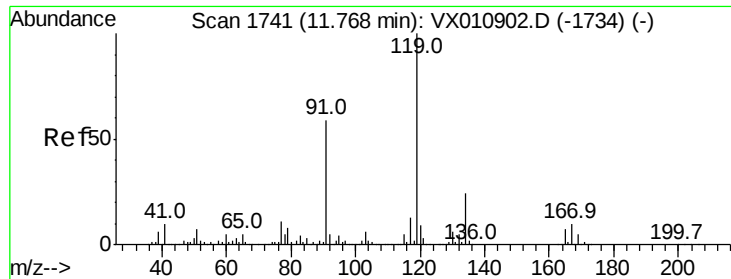
Tgt Ion: 91 Resp: 167060

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.099 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

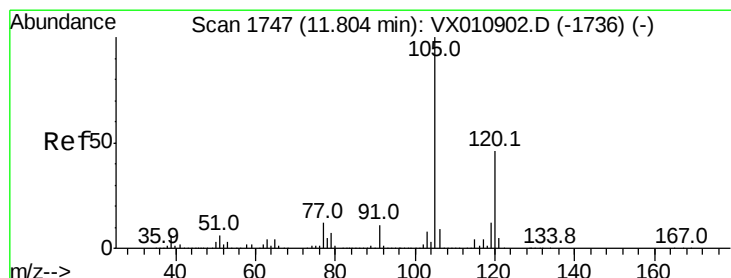
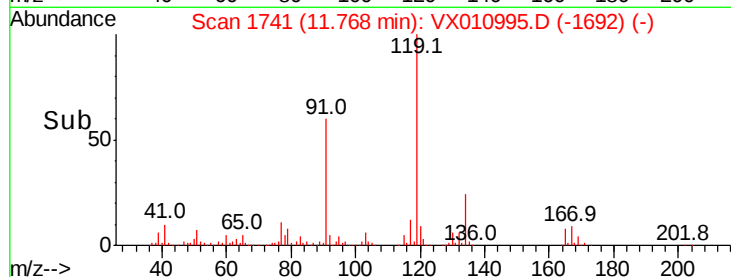
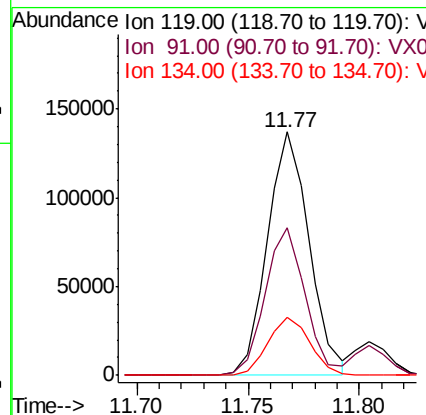
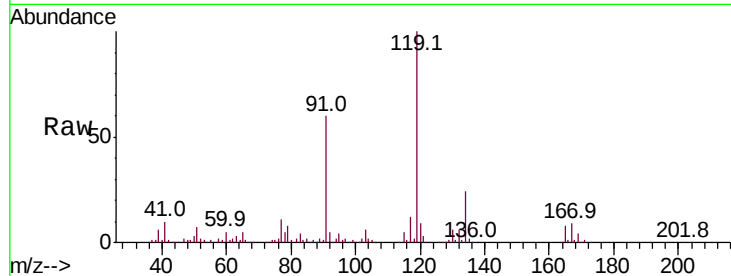
ClientSampleId :

VX0720WBS01

Tot Ion:	119	Resp:	178501
Ion Ratio	Lower	Upper	
119	100		
91	58.4	28.6	85.8
134	24.0	11.6	34.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.003 ug/l

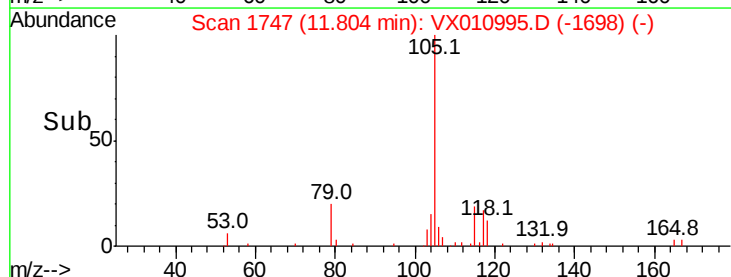
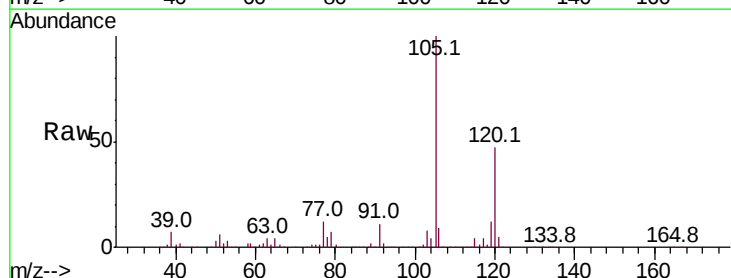
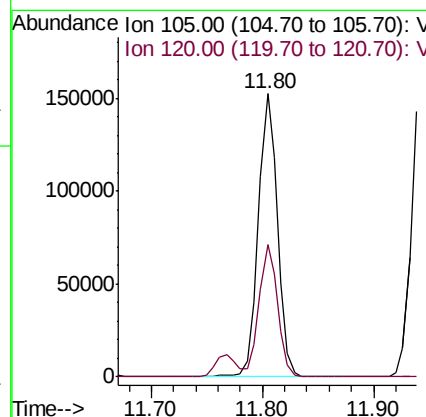
RT: 11.80 min Scan# 1747

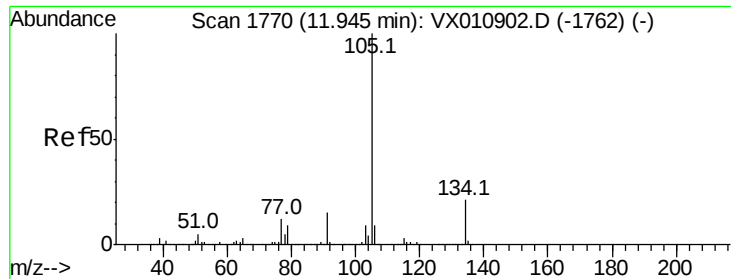
Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Tgt Ion:	105	Resp:	182284
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.130 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

Tot Ion:105 Resp: 209478

Ion Ratio Lower Upper

105 100

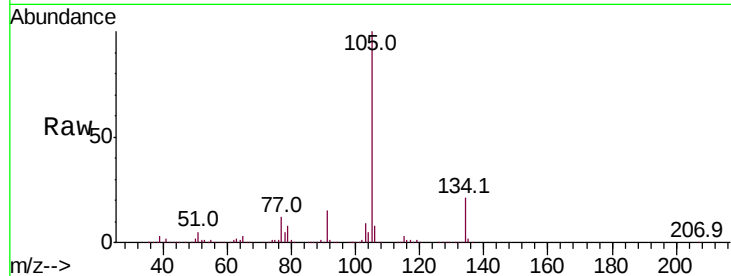
134 21.2 10.4 31.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

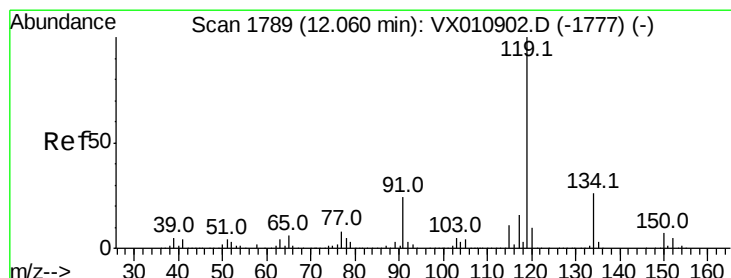
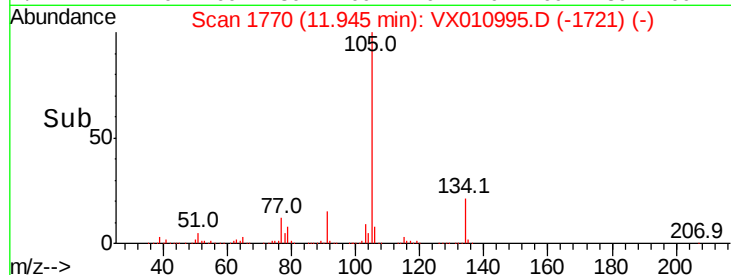
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.240 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010995.D

Acq: 19 Jul 2019 12:21

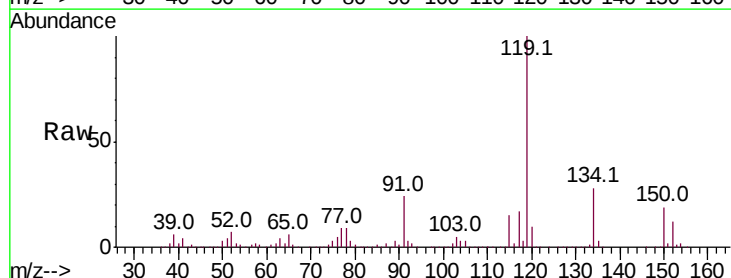
Tgt Ion:119 Resp: 194717

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

150000

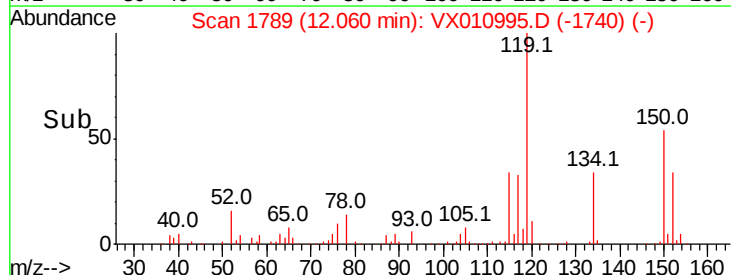
100000

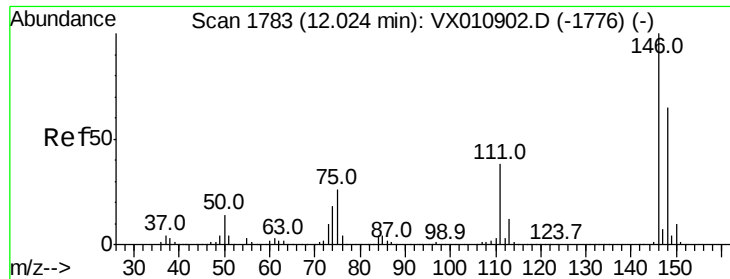
50000

0

12.00 12.10 12.20

Time-->





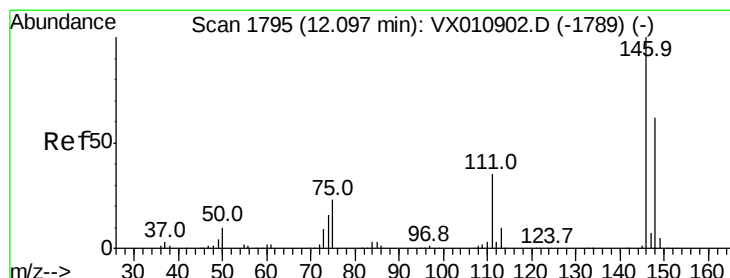
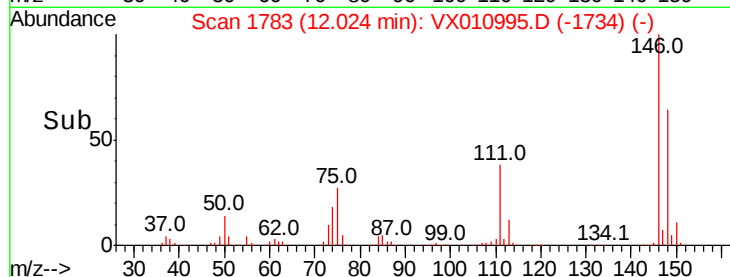
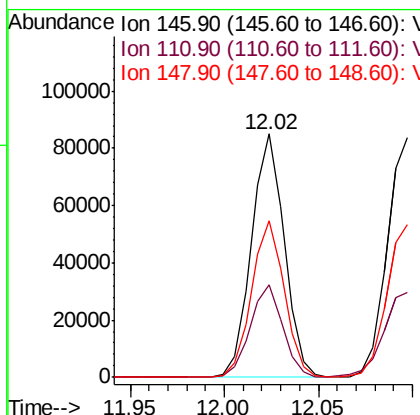
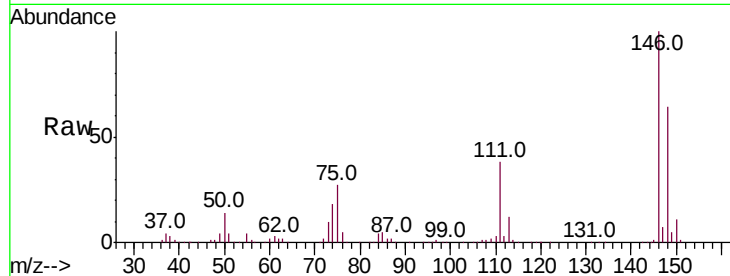
#87
 1,3-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	63.7	32.2	96.6

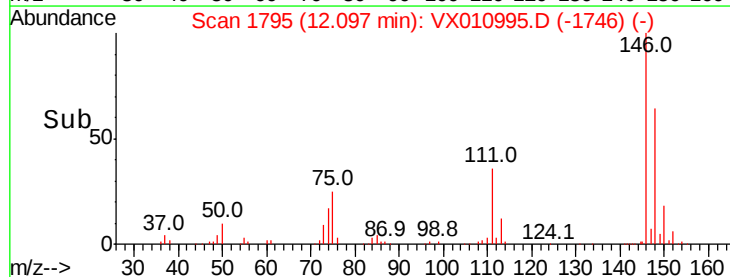
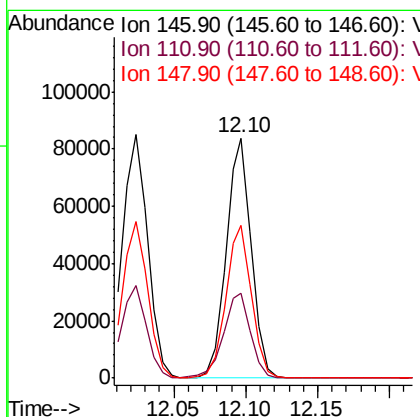
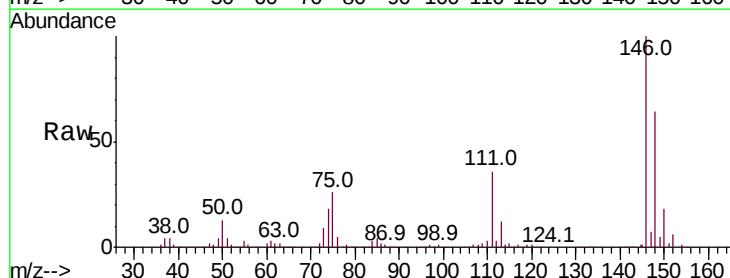
Manual Integrations
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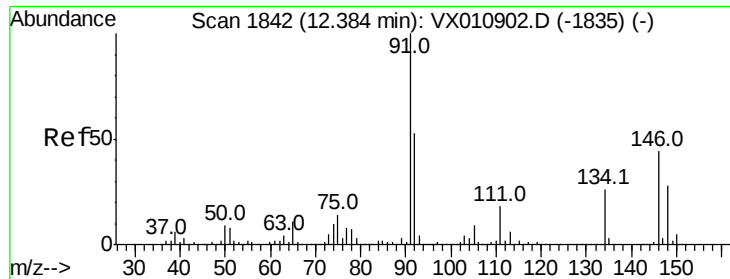
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.256 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.6	55.8
148	65.2	31.6	94.7





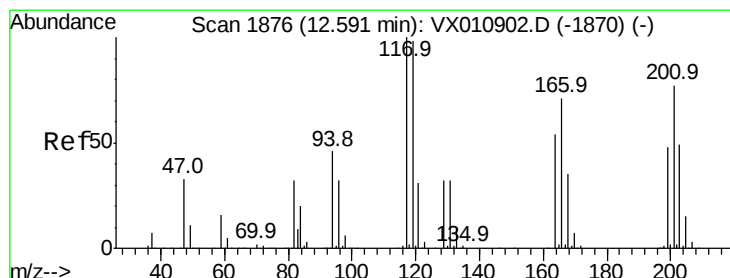
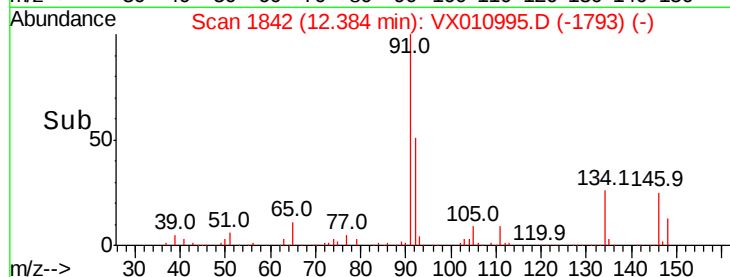
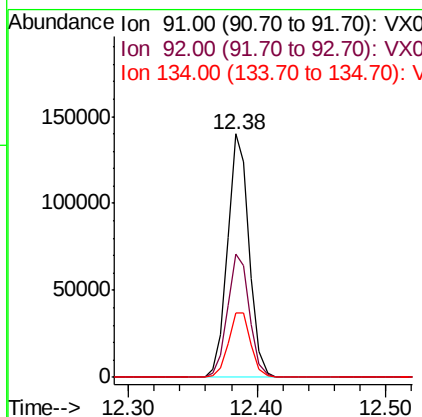
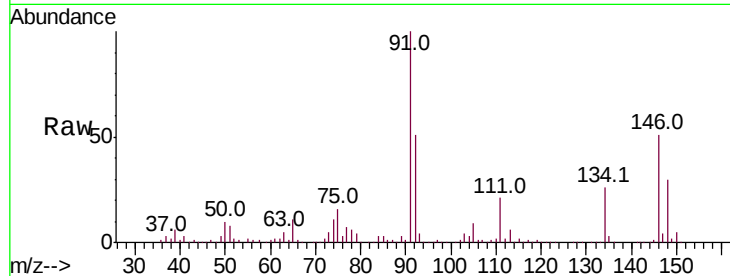
#89
n-Butylbenzene
Concen: 19.993 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	164554		
92	51.9	26.2	78.5	
134	27.6	13.8	41.3	

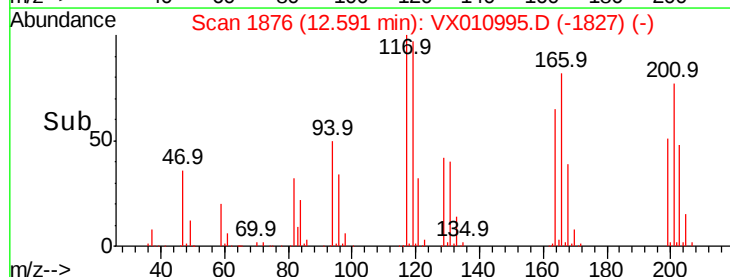
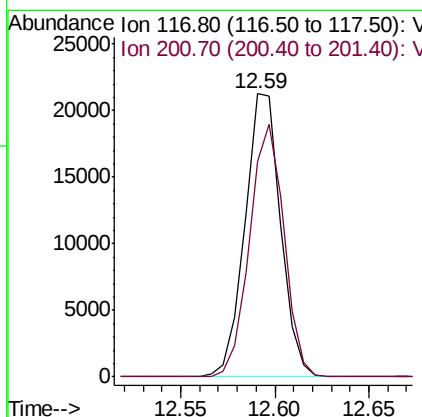
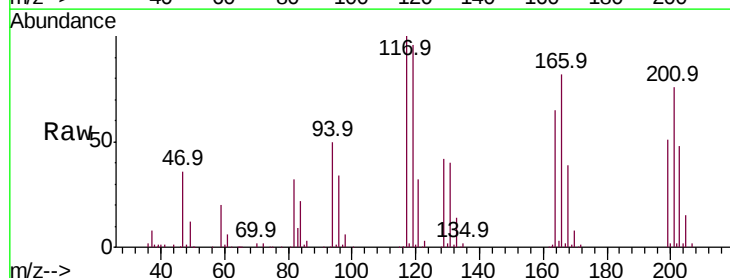
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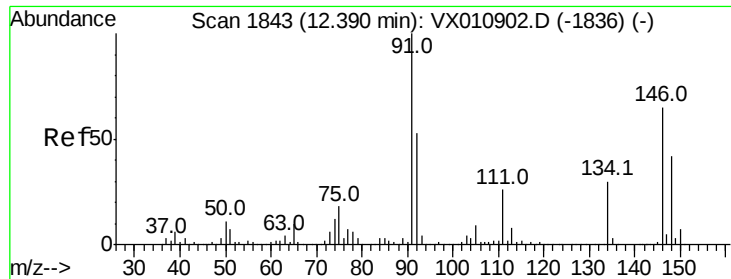
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#90
Hexachloroethane
Concen: 18.417 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27947		
201	85.9	43.3	129.8	





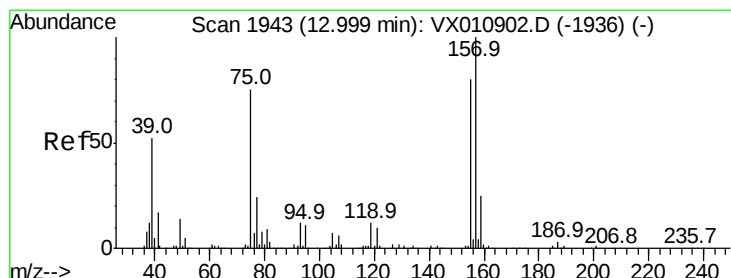
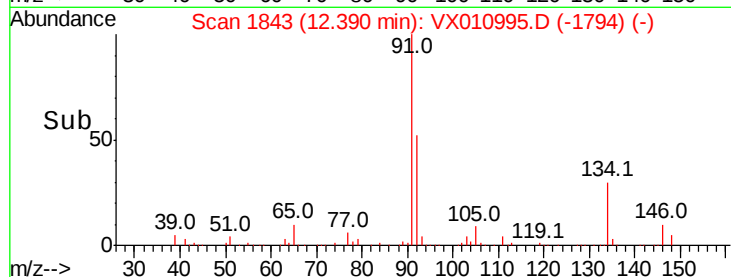
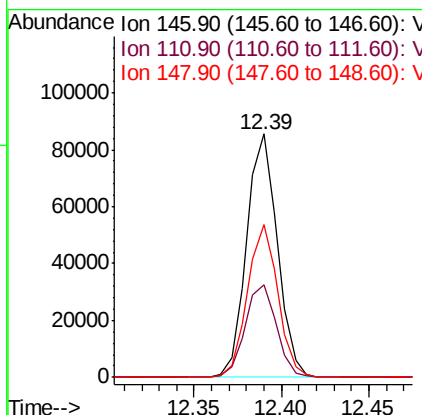
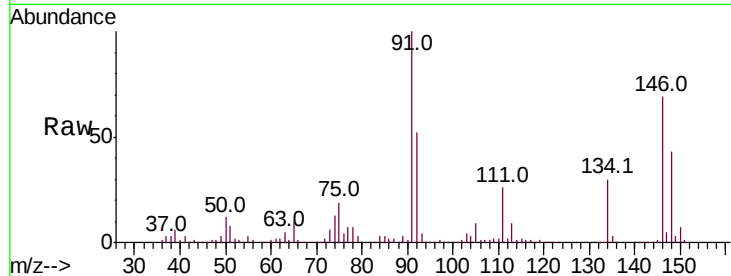
#91
 1,2-Dichlorobenzene
 Concen: 20.352 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.7
148	62.0	32.0	96.2

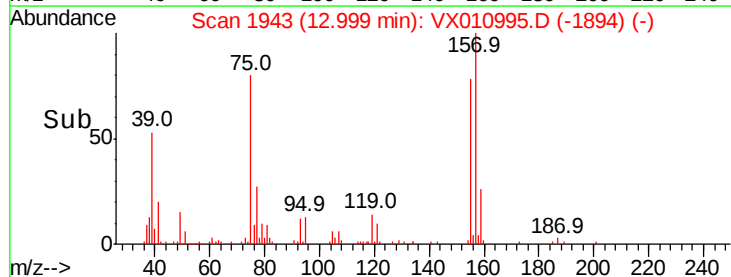
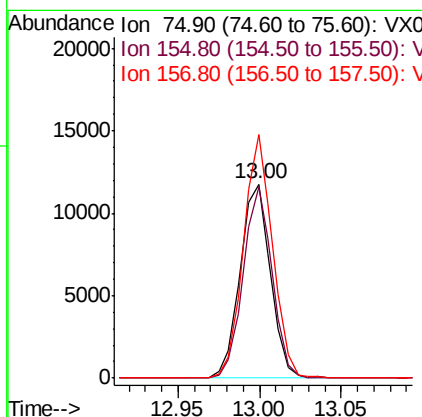
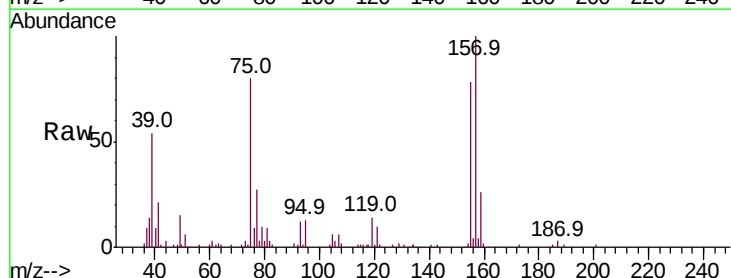
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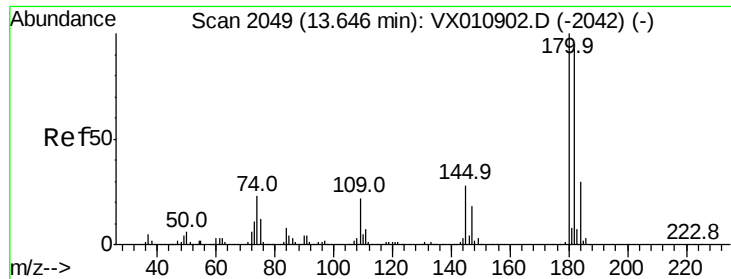
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.566 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	48.7	146.1
157	120.2	62.5	187.6





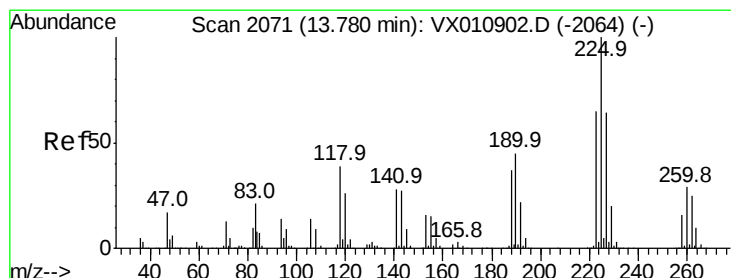
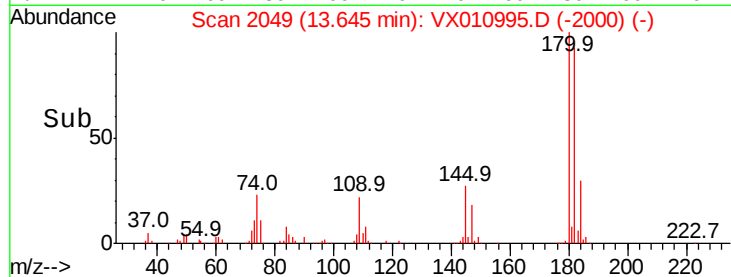
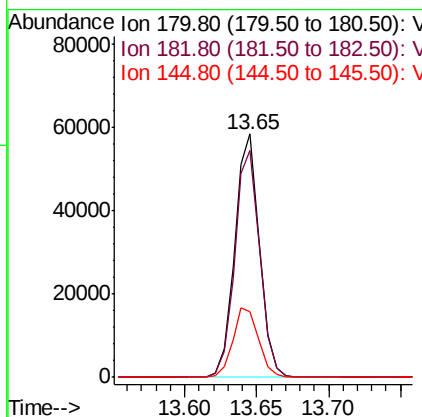
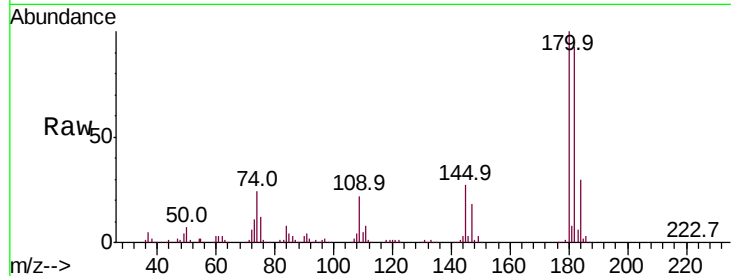
#93
 1,2,4-Trichlorobenzene
 Concen: 20.037 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion:	180	Resp:	69708
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.1	141.3
145	29.6	14.8	44.4

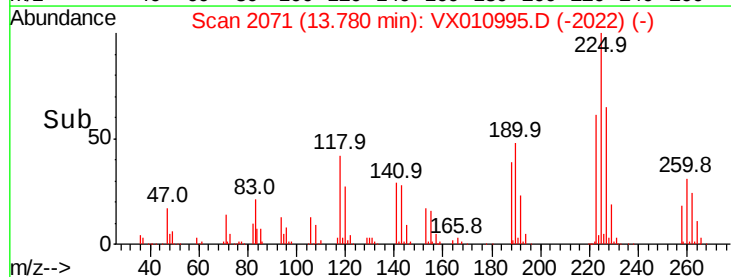
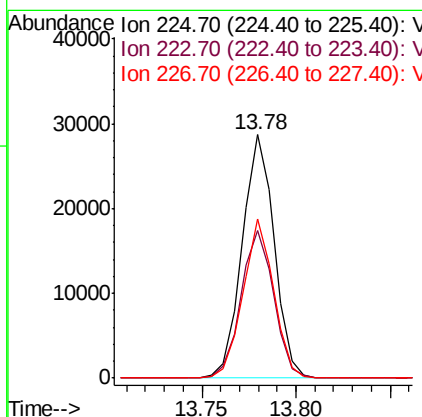
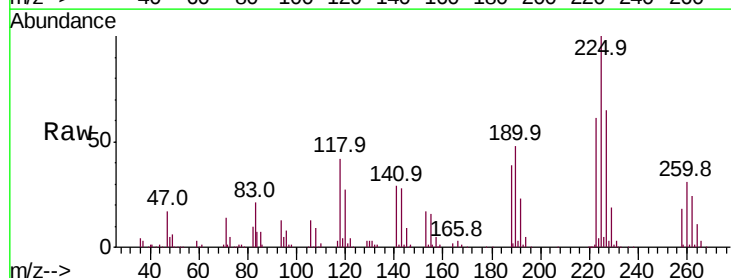
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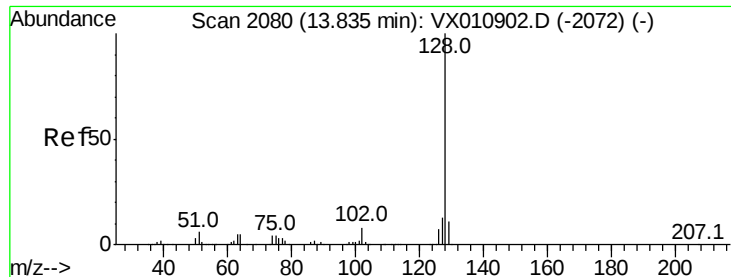
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#94
 Hexachlorobutadiene
 Concen: 19.569 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010995.D
 Acq: 19 Jul 2019 12:21

Tgt Ion:	225	Resp:	33737
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.9	95.9
227	62.6	32.5	97.4





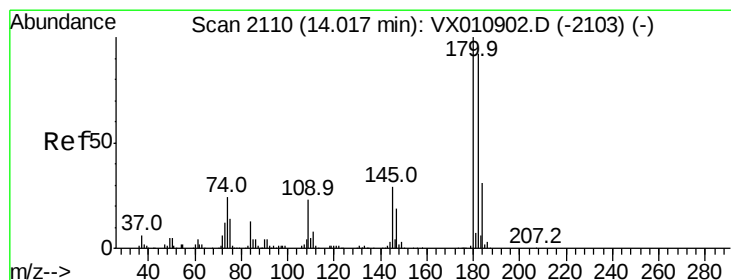
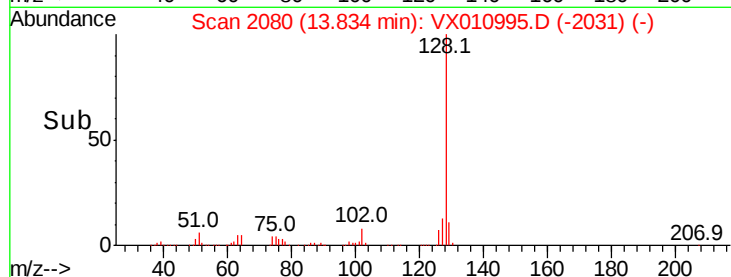
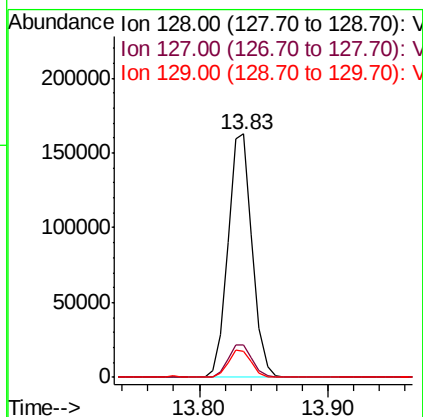
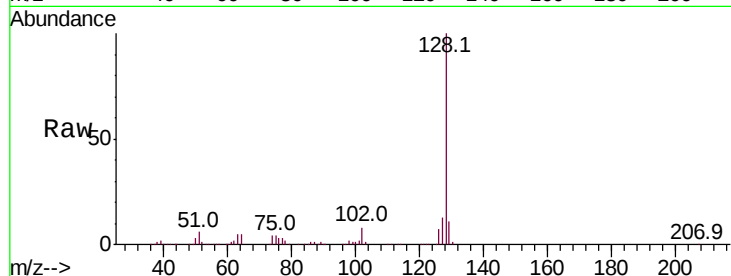
#95
Naphthalene
Concen: 20.820 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.231 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010995.D
Acq: 19 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	30.7	15.1	45.3

