

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011082.D
 Acq On : 26 Jul 2019 11:55
 Operator : JC/SP
 Sample : VX0726WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:44 AM

Quant Time: Jul 27 02:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107017	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	5.49	113	95324	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	351592	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	128852	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39450	18.017	ug/l	98
3) Chloromethane	1.33	50	35157	18.253	ug/l	97
4) Vinyl Chloride	1.41	62	36297	18.476	ug/l	97
5) Bromomethane	1.64	94	22846	20.636	ug/l	99
6) Chloroethane	1.72	64	23332	18.688	ug/l	97
7) Trichlorofluoromethane	1.93	101	62853	18.900	ug/l	100
8) Diethyl Ether	2.19	74	21593	18.845	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35392	18.639	ug/l	98
10) Methyl Iodide	2.51	142	39166	15.718	ug/l	99
11) Tert butyl alcohol	3.04	59	46645	89.887	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34414	18.446	ug/l	96
13) Acrolein	2.29	56	17135	57.151	ug/l	96
14) Allyl chloride	2.73	41	50476	18.627	ug/l	98
15) Acrylonitrile	3.14	53	98691	94.117	ug/l	99
16) Acetone	2.44	43	90012	89.442	ug/l	98
17) Carbon Disulfide	2.57	76	75340	15.743	ug/l	98
18) Methyl Acetate	2.78	43	46326	20.216	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	114557	19.074	ug/l	95
20) Methylene Chloride	2.85	84	39401	18.475	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36263	18.319	ug/l	97
22) Diisopropyl ether	3.85	45	108386	18.964	ug/l	98
23) Vinyl Acetate	3.81	43	454029	93.758	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62083	18.704	ug/l	100
25) 2-Butanone	4.67	43	133813	92.628	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49687	18.232	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42096	18.375	ug/l	98
28) Bromochloromethane	5.02	49	27853	17.808	ug/l	100
29) Tetrahydrofuran	5.13	42	84061	91.861	ug/l	99
30) Chloroform	5.21	83	67894	18.924	ug/l	96
31) Cyclohexane	5.57	56	54467	18.003	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	58147	18.734	ug/l	98
36) 1,1-Dichloropropene	5.80	75	47004	18.439	ug/l	98
37) Ethyl Acetate	4.83	43	47841	18.328	ug/l	95
38) Carbon Tetrachloride	5.79	117	50461	18.997	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
 7/29/2019 11:53:44 AM

Quant Time: Jul 27 02:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58638	17.738	ug/l	99
40) Benzene	6.14	78	146480	18.759	ug/l	100
41) Methacrylonitrile	5.04	41	27614	18.636	ug/l	97
42) 1,2-Dichloroethane	6.19	62	52867	19.472	ug/l	100
43) Isopropyl Acetate	6.45	43	79766	18.585	ug/l	99
44) Trichloroethene	7.21	130	43159	18.673	ug/l	99
45) 1,2-Dichloropropane	7.51	63	37637	18.938	ug/l	100
46) Dibromomethane	7.66	93	27503	19.367	ug/l	98
47) Bromodichloromethane	7.90	83	48413	19.151	ug/l	99
48) Methyl methacrylate	7.77	41	39460	18.873	ug/l	97
49) 1,4-Dioxane	7.74	88	22069	377.341	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	267414	96.115	ug/l	100
52) Toluene	8.78	92	94178	18.360	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	50945	18.742	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	56279	18.607	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	40922	19.375	ug/l	97
56) Ethyl methacrylate	9.18	69	58776	19.025	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64429	19.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	147485	100.004	ug/l	98
59) 2-Hexanone	9.49	43	206160	95.536	ug/l	100
60) Dibromochloromethane	9.58	129	40486	18.341	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42803	19.096	ug/l	99
64) Tetrachloroethene	9.34	164	42816	19.234	ug/l	98
65) Chlorobenzene	10.13	112	109091	18.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	39041	19.113	ug/l	99
67) Ethyl Benzene	10.25	91	187487	18.952	ug/l	100
68) m/p-Xylenes	10.35	106	143912	37.923	ug/l	100
69) o-Xylene	10.69	106	69364	18.729	ug/l	99
70) Styrene	10.71	104	117098	18.967	ug/l	99
71) Bromoform	10.85	173	29883	17.797	ug/l #	99
73) Isopropylbenzene	11.02	105	190127	18.749	ug/l	99
74) N-amyl acetate	10.90	43	71011	18.327	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62636	18.874	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53268m	19.669	ug/l	
77) Bromobenzene	11.25	156	50712	18.130	ug/l	97
78) n-propylbenzene	11.36	91	208056	18.569	ug/l	100
79) 2-Chlorotoluene	11.42	91	126903	18.854	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	158303	18.682	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15765	17.554	ug/l	92
82) 4-Chlorotoluene	11.51	91	147474	18.825	ug/l	100
83) tert-Butylbenzene	11.77	119	158571	19.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	160731	18.820	ug/l	100
85) sec-Butylbenzene	11.94	105	186346	19.108	ug/l	100
86) p-Isopropyltoluene	12.06	119	171577	19.030	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89868	18.513	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91420	18.363	ug/l	98
89) n-Butylbenzene	12.38	91	146368	18.975	ug/l	99
90) Hexachloroethane	12.59	117	26188	18.415	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	92407	19.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13064	18.833	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:44 AM

Quant Time: Jul 27 02:25:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	62298	19.108	ug/l	99
94) Hexachlorobutadiene	13.78	225	30490	18.871	ug/l	99
95) Naphthalene	13.83	128	193325	20.080	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63777	19.660	ug/l	98

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

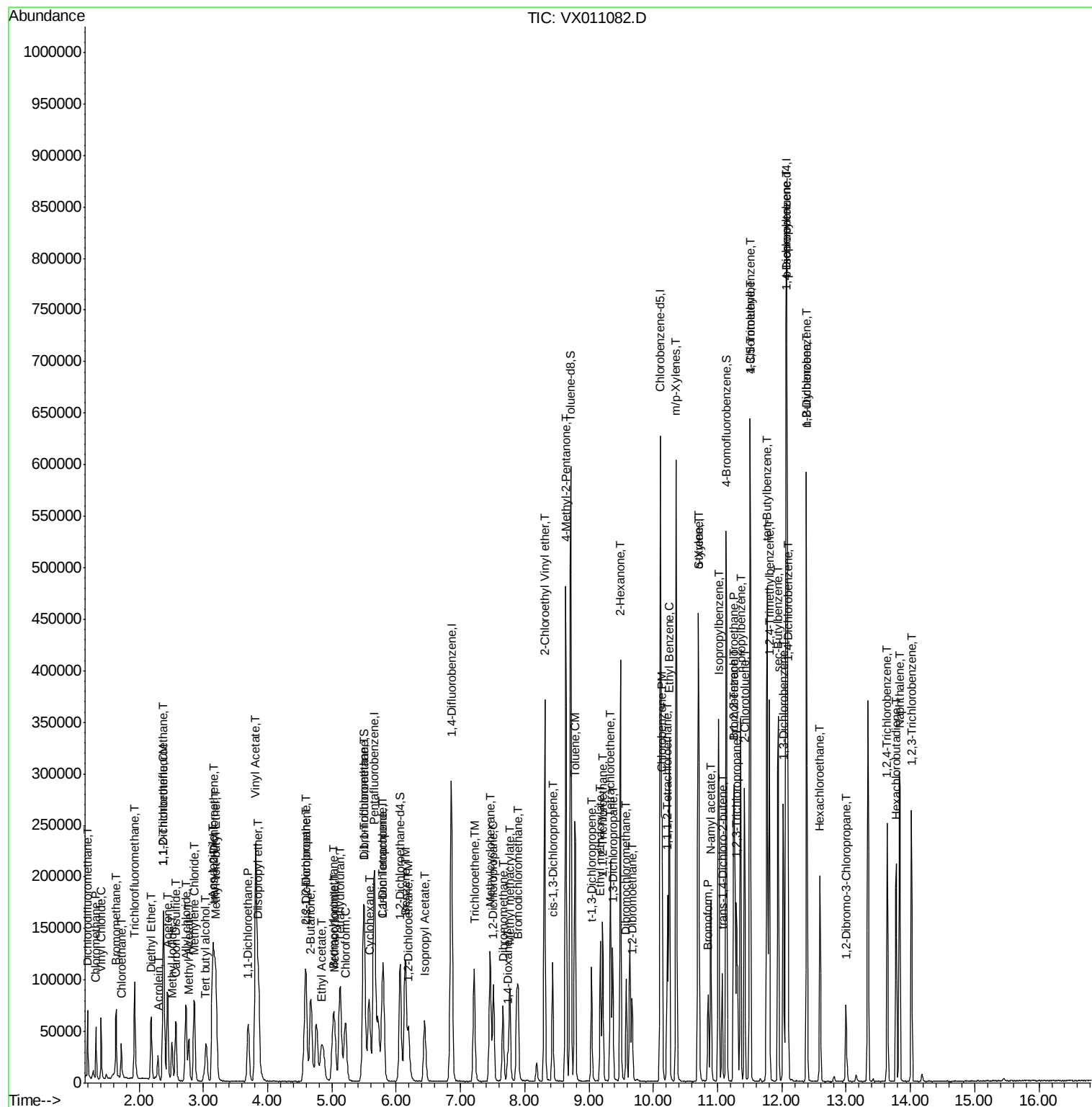
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Data File : VX011082.D
Acq On : 26 Jul 2019 11:55
Operator : JC/SP
Sample : VX0726WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

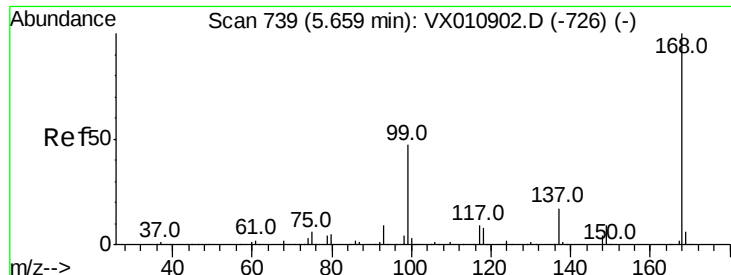
Instrument :
MSVOA_X
Client Sampled :
VX0726WBS01

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Jul 27 02:25:47 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:168 Resp: 209449

Ion Ratio Lower Upper

168 100

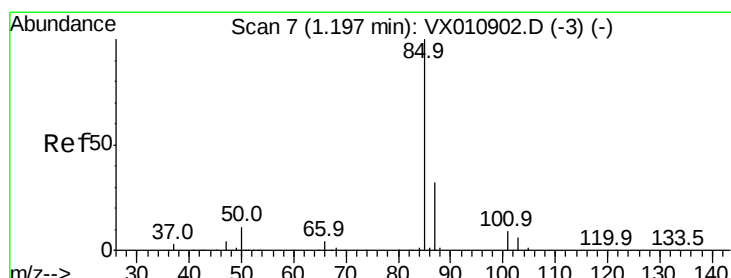
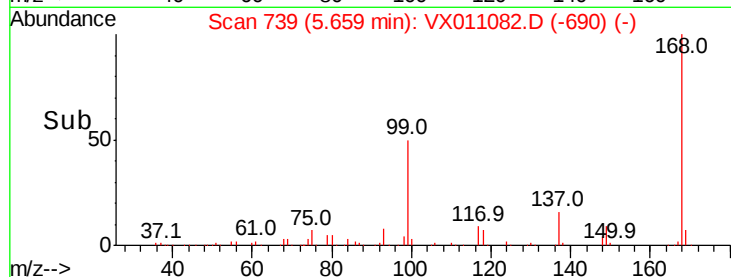
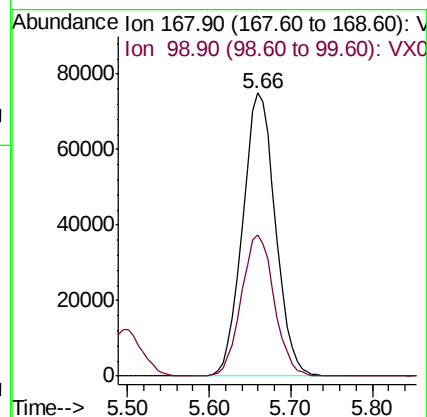
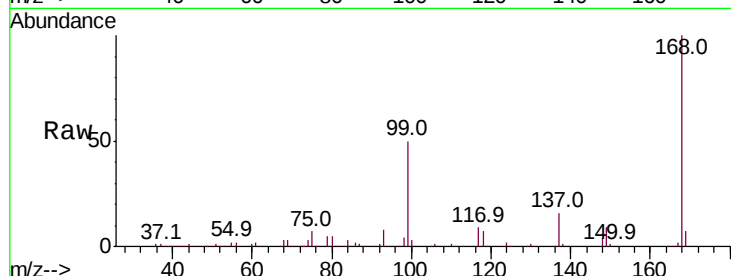
99 49.7 37.6 56.4

Manual Integrations

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7/29/2019 11:53:44 AM



#2

Dichlorodifluoromethane

Concen: 18.017 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011082.D

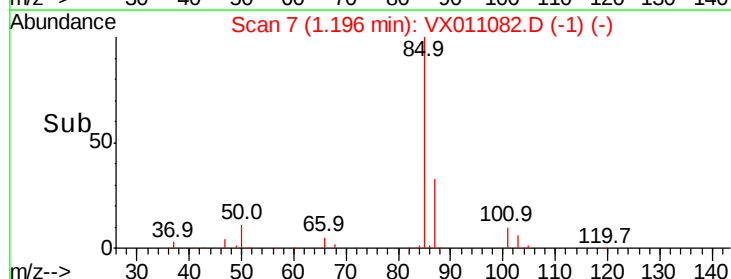
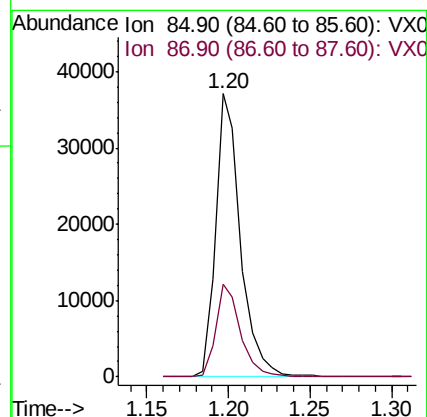
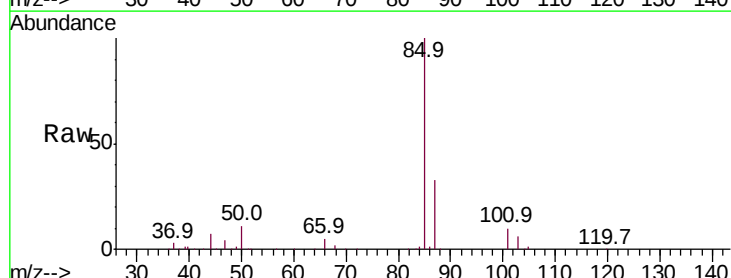
Acq: 26 Jul 2019 11:55

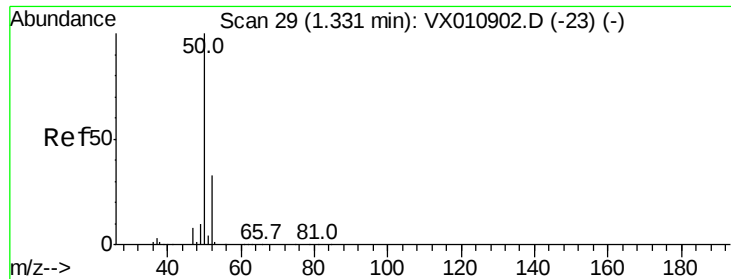
Tgt Ion: 85 Resp: 39450

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7





#3

Chloromethane

Concen: 18.253 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 50 Resp: 35157

Ion Ratio Lower Upper

50 100

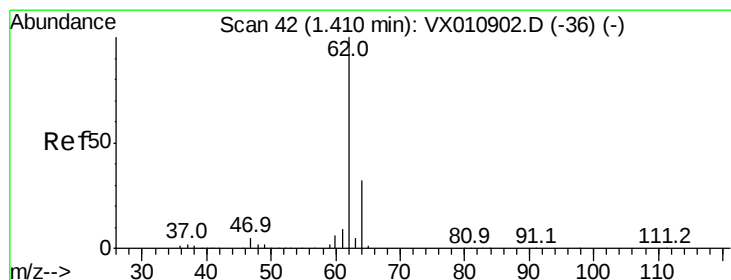
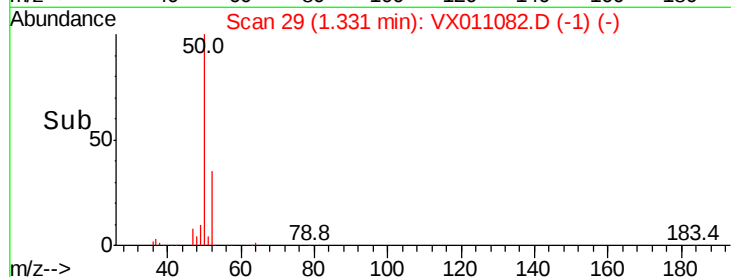
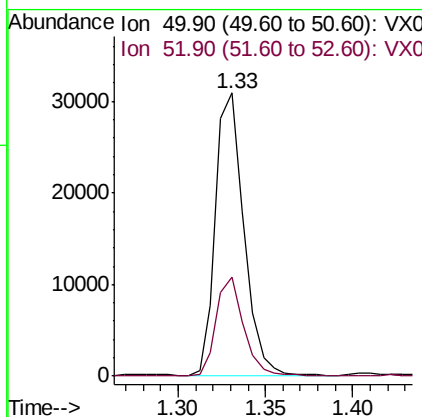
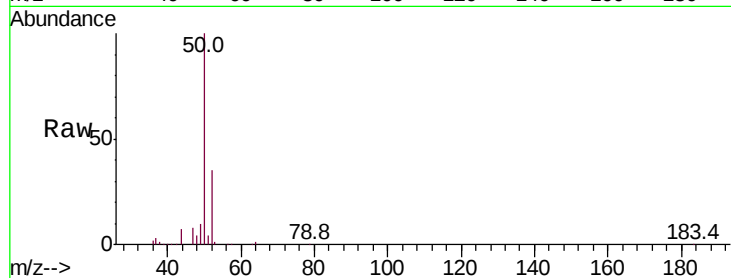
52 34.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.476 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011082.D

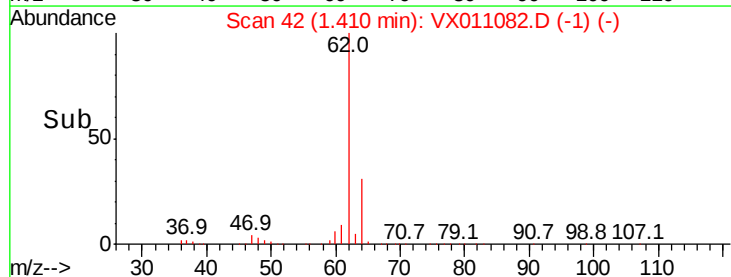
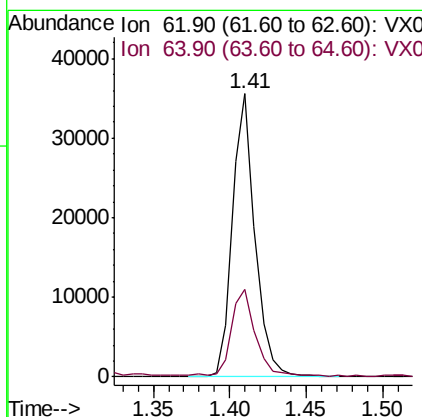
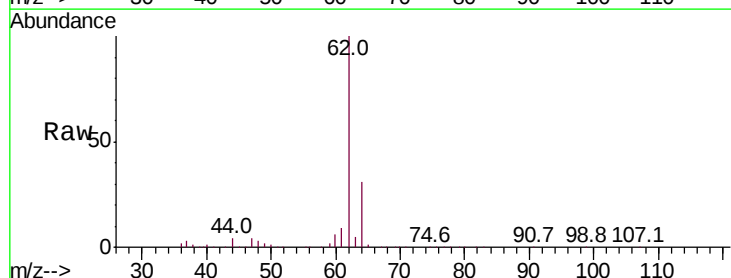
Acq: 26 Jul 2019 11:55

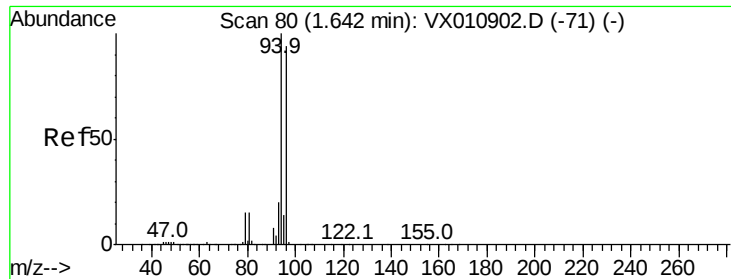
Tgt Ion: 62 Resp: 36297

Ion Ratio Lower Upper

62 100

64 30.3 25.7 38.5





#5

Bromomethane

Concen: 20.636 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 94 Resp: 22846

Ion Ratio Lower Upper

94 100

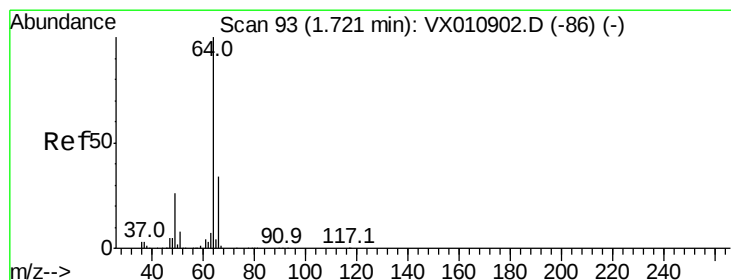
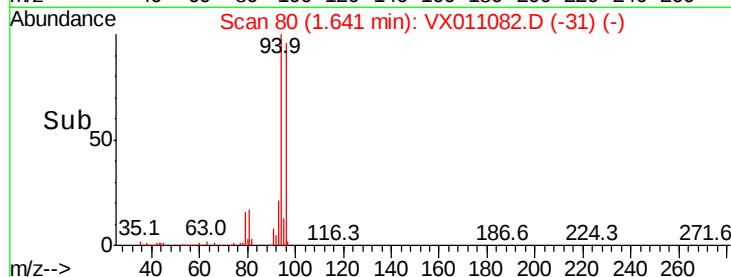
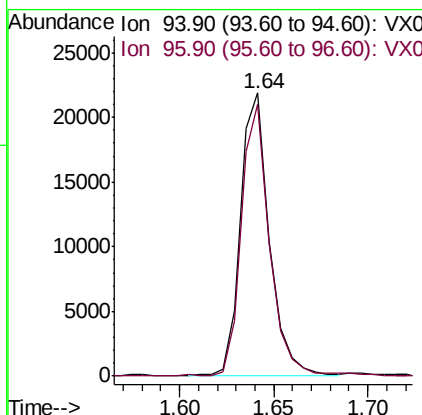
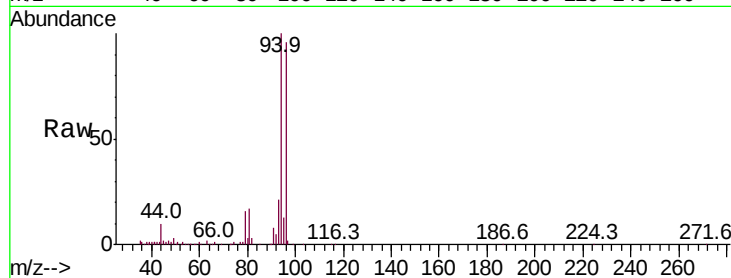
96 95.9 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.688 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011082.D

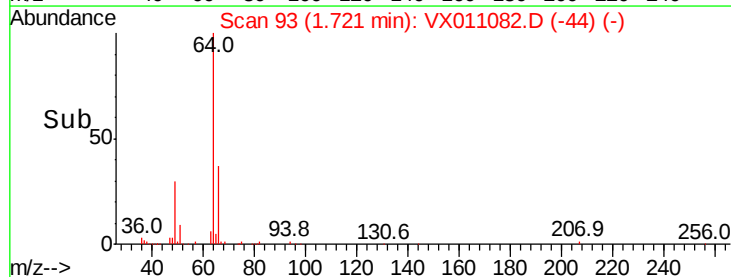
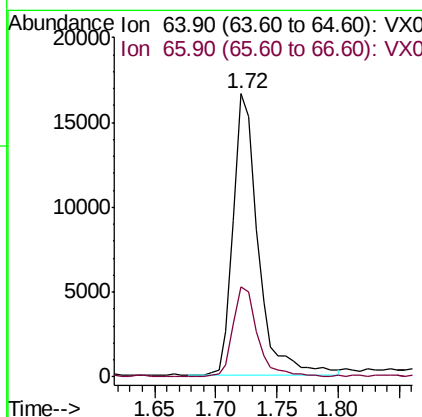
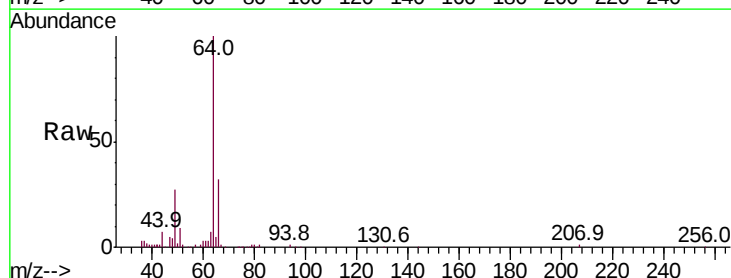
Acq: 26 Jul 2019 11:55

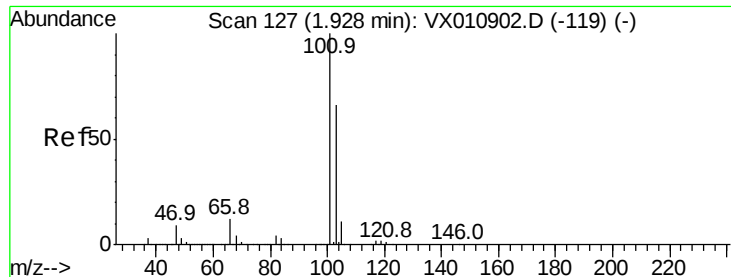
Tgt Ion: 64 Resp: 23332

Ion Ratio Lower Upper

64 100

66 32.2 27.0 40.6





#7

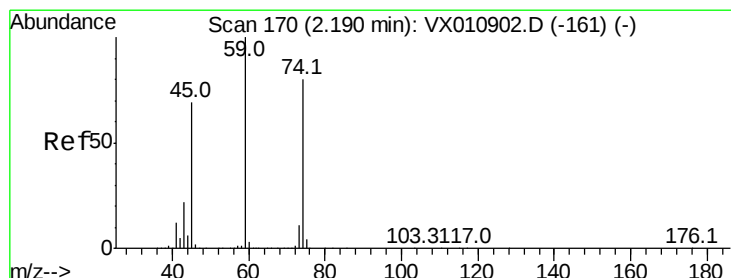
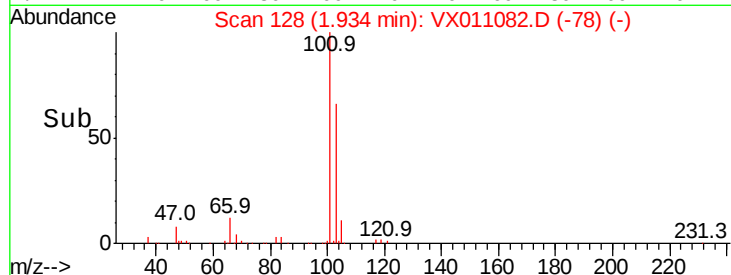
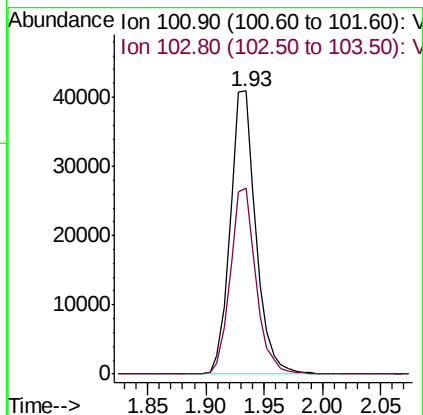
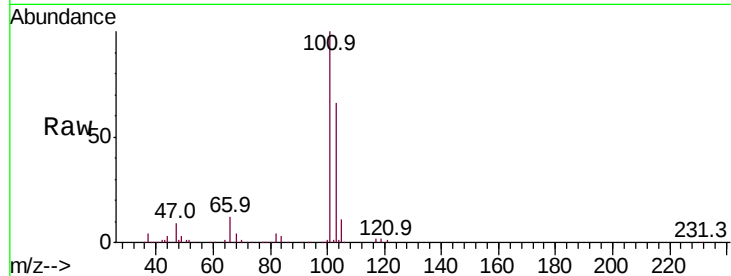
Trichlorofluoromethane
Concen: 18.900 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	78.8

Manual Integrations
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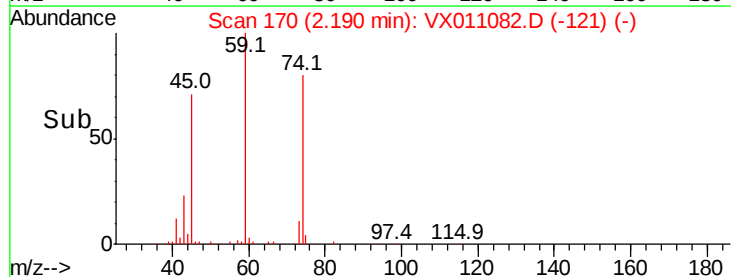
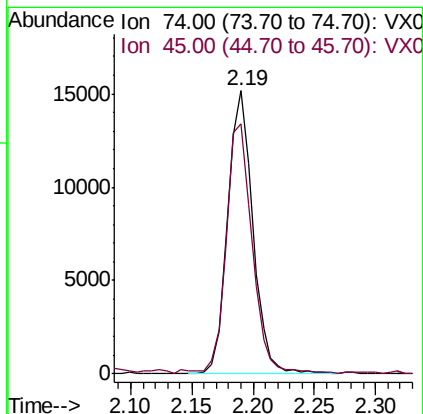
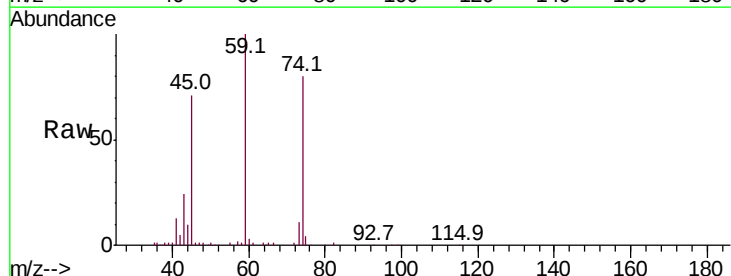
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7/29/2019 11:53:44 AM

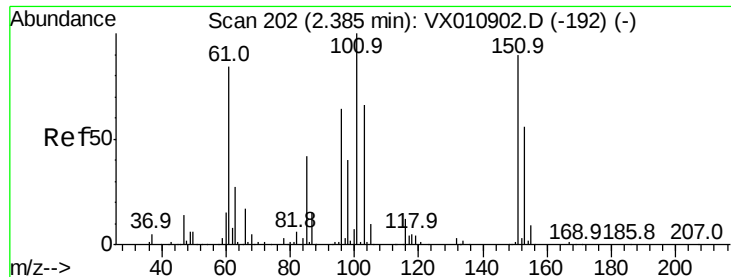


#8

Diethyl Ether
Concen: 18.845 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.639 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:101 Resp: 35392

Ion Ratio Lower Upper

101 100

85 45.0 34.6 52.0

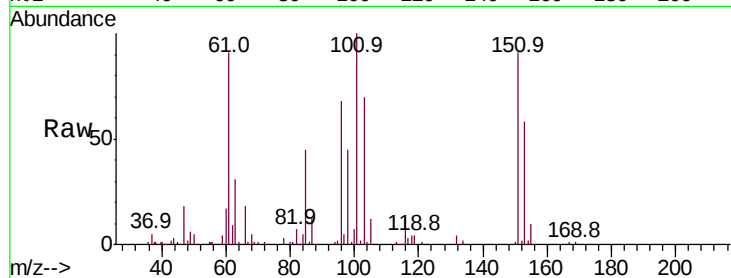
151 88.8 69.6 104.4

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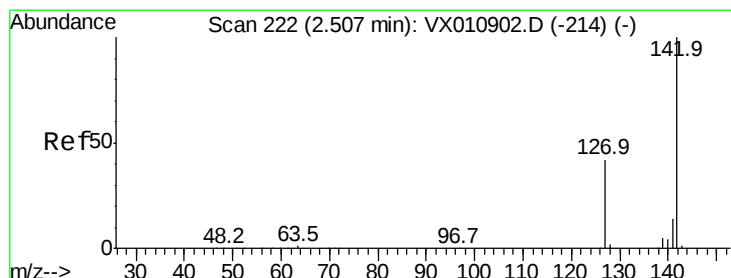
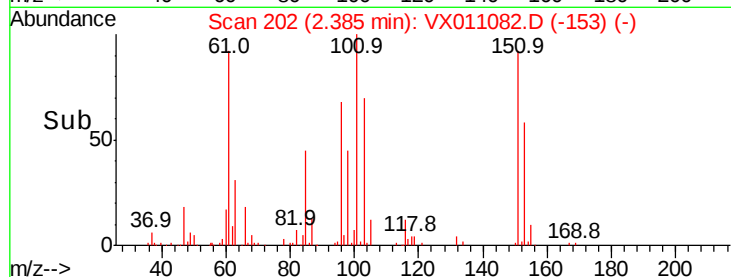
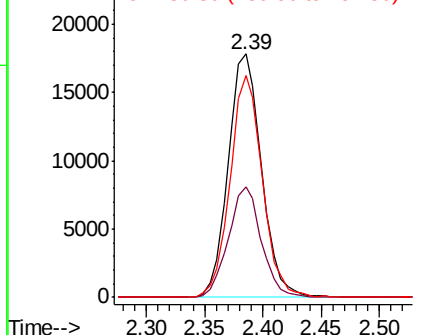
7/29/2019 11:53:44 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.718 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

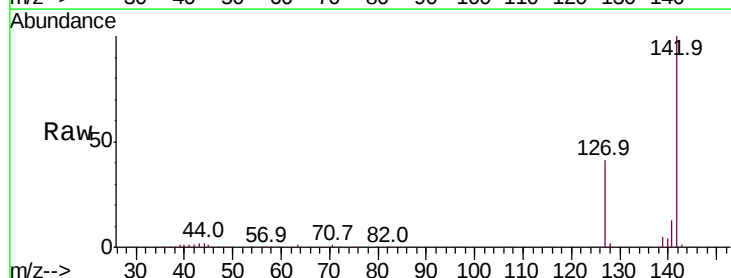
Tgt Ion:142 Resp: 39166

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.4

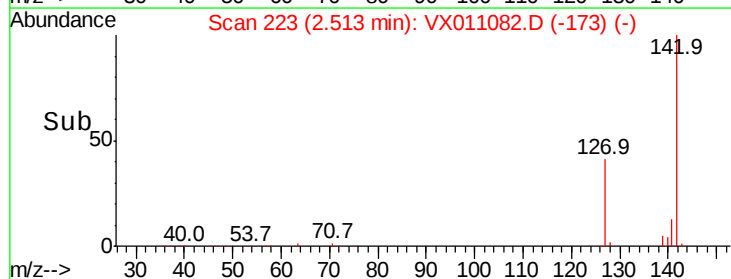
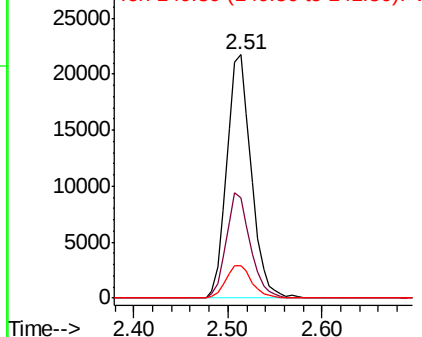
141 14.3 11.7 17.5

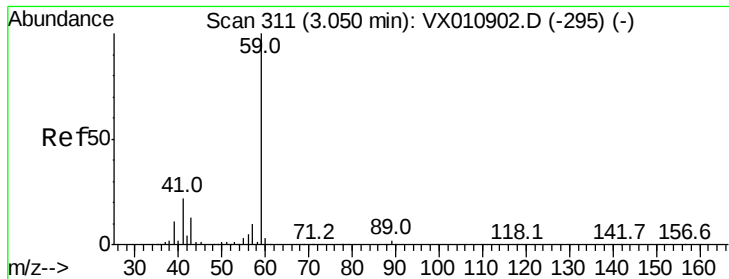


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





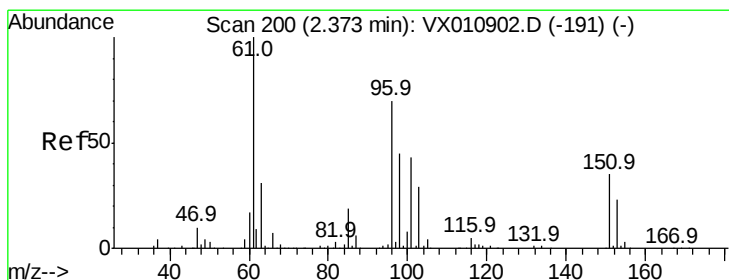
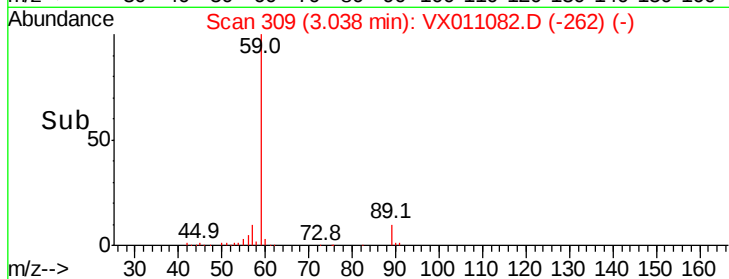
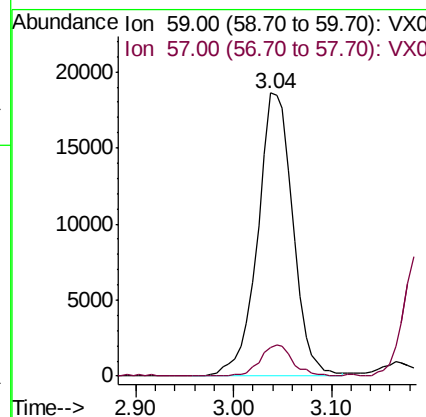
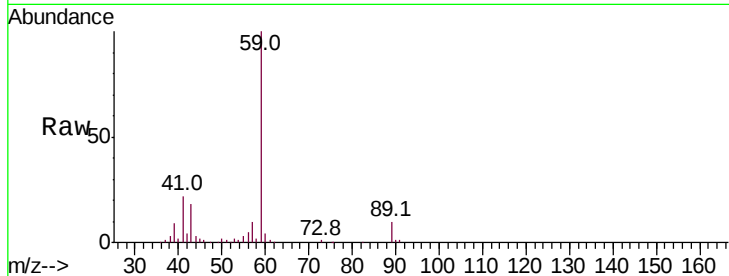
#11
Tert butyl alcohol
Concen: 89.887 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 59 Resp: 46645
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

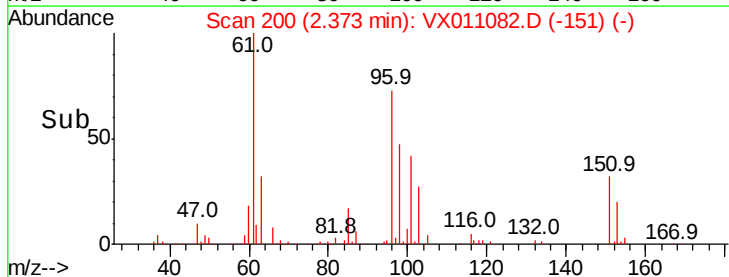
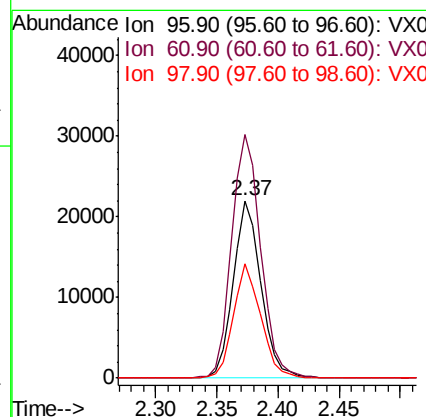
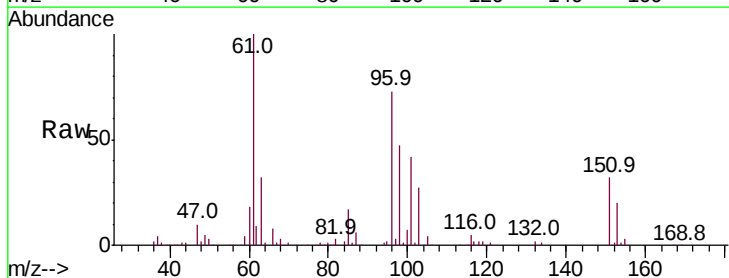
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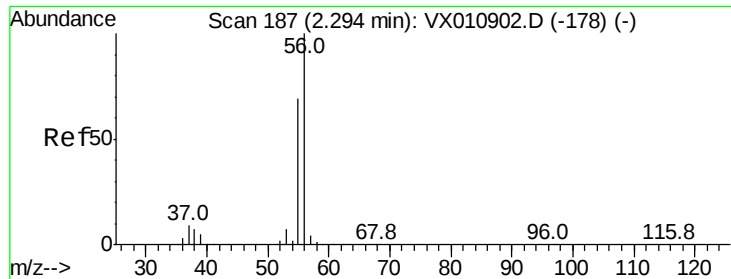
MMDadoda
7/29/2019 11:53:44 AM



#12
1,1-Dichloroethene
Concen: 18.446 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion: 96 Resp: 34414
Ion Ratio Lower Upper
96 100
61 136.9 115.0 172.4
98 64.2 52.2 78.2





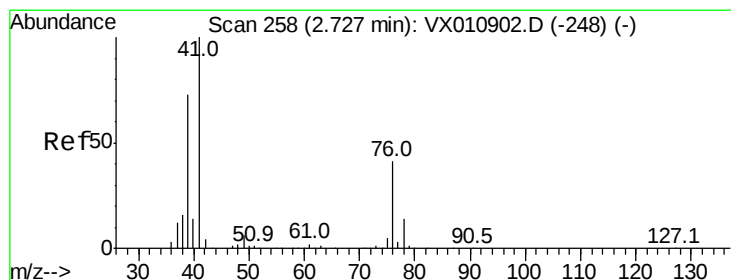
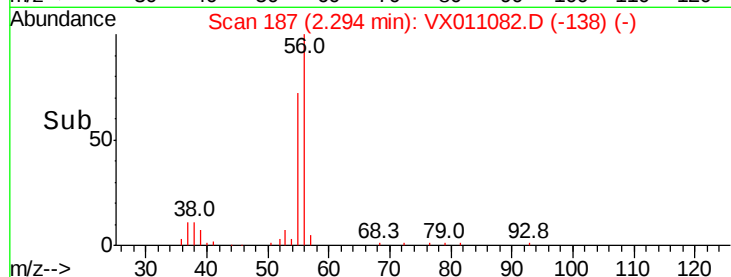
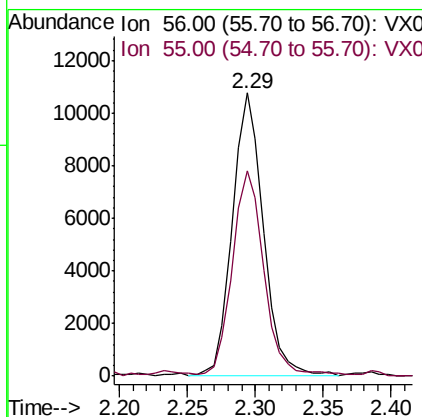
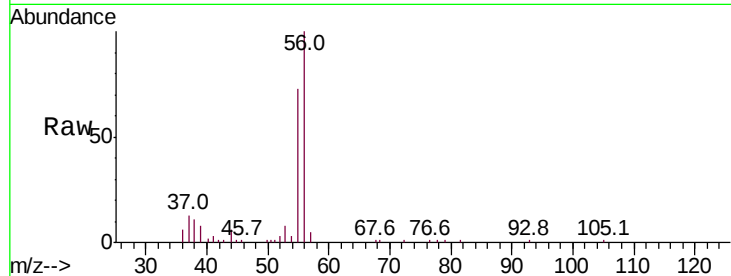
#13
Acrolein
Concen: 57.151 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 56 Resp: 17135
Ion Ratio Lower Upper
56 100
55 72.8 55.9 83.9

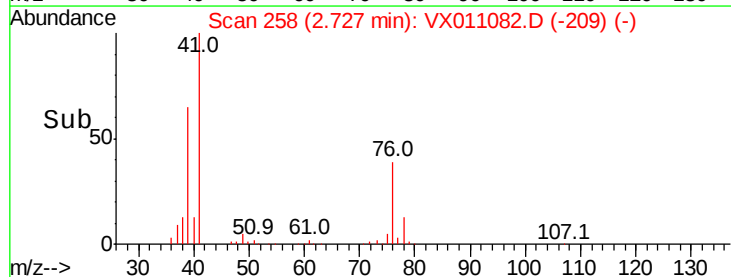
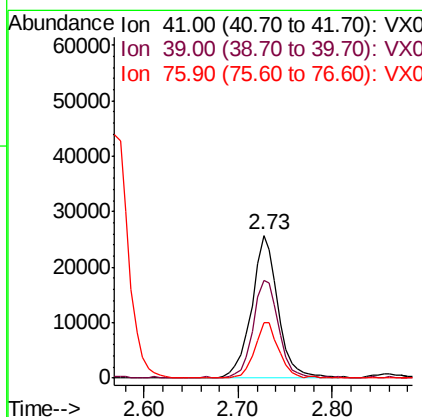
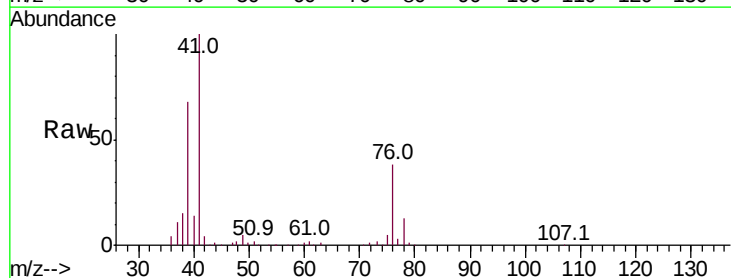
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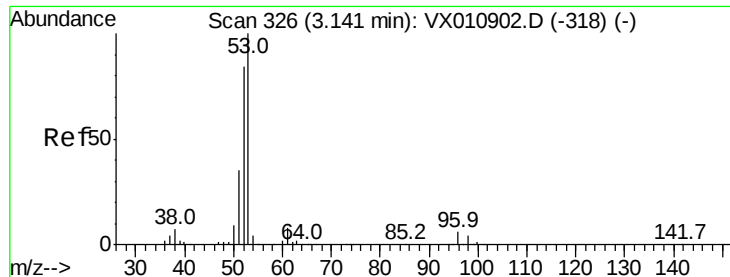
MMDadoda
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#14
Allyl chloride
Concen: 18.627 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion: 41 Resp: 50476
Ion Ratio Lower Upper
41 100
39 65.3 53.6 80.4
76 36.1 29.7 44.5





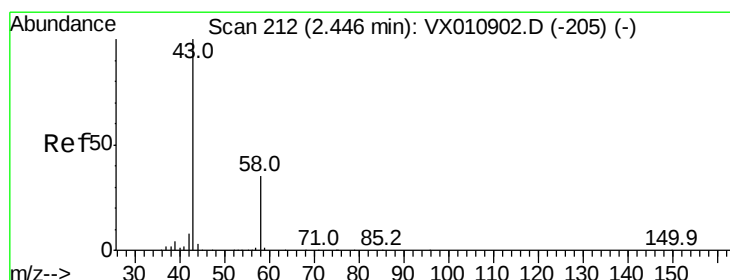
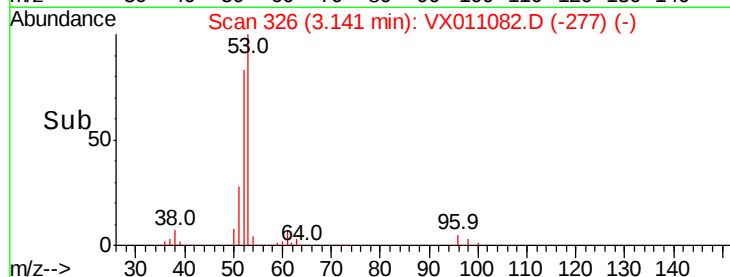
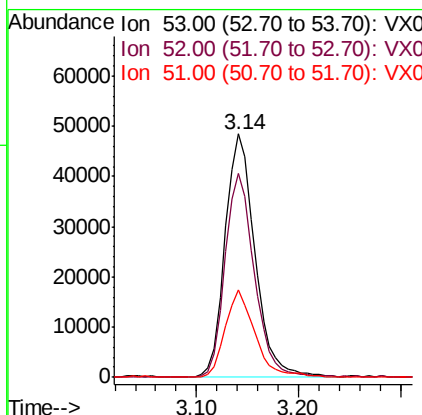
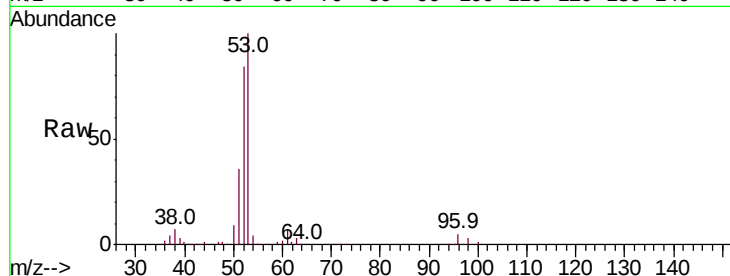
#15
 Acrylonitrile
 Concen: 94.117 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.5	99.7
51	35.9	28.2	42.4

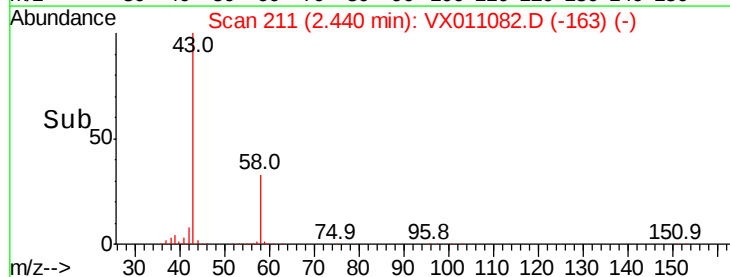
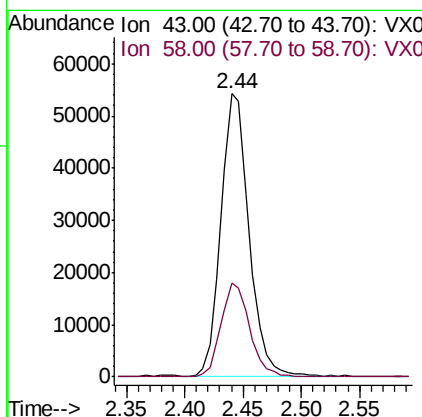
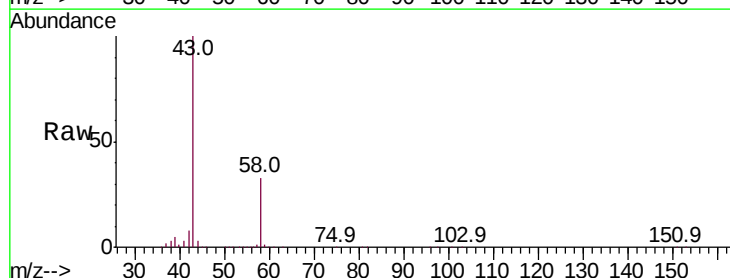
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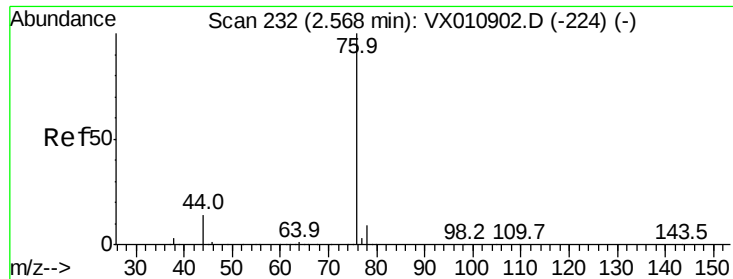
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#16
 Acetone
 Concen: 89.442 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.7	41.5





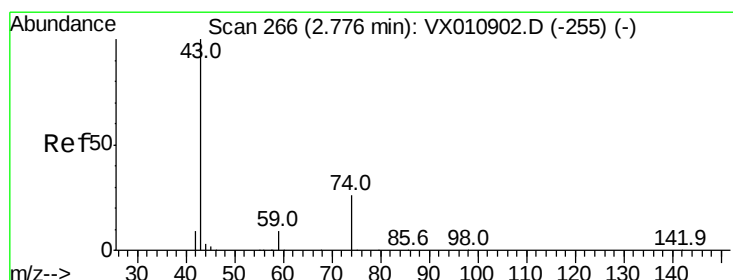
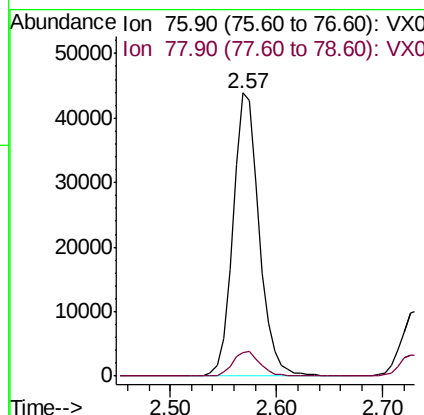
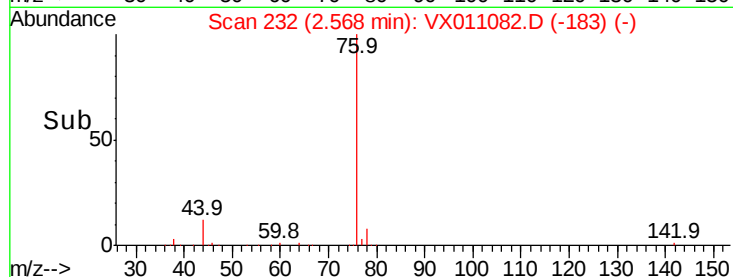
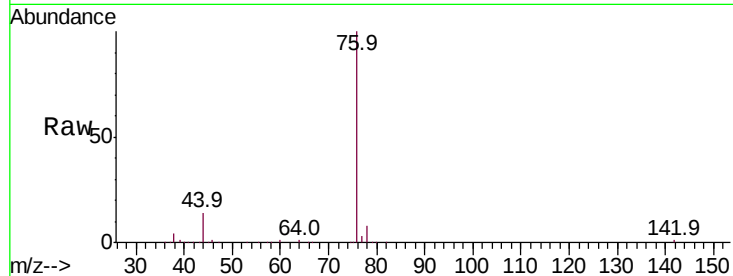
#17
Carbon Disulfide
Concen: 15.743 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 76 Resp: 75340
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

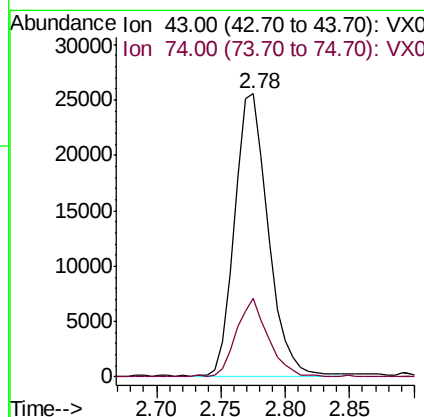
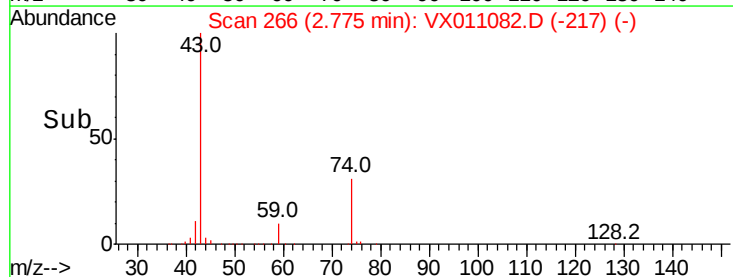
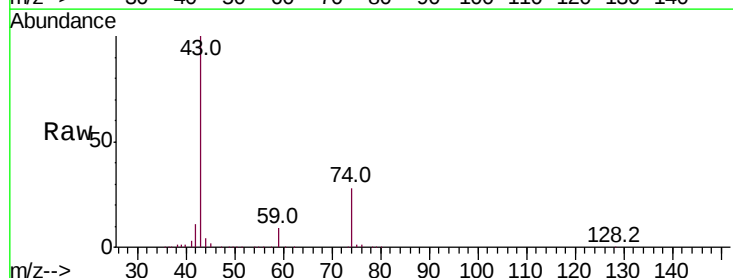
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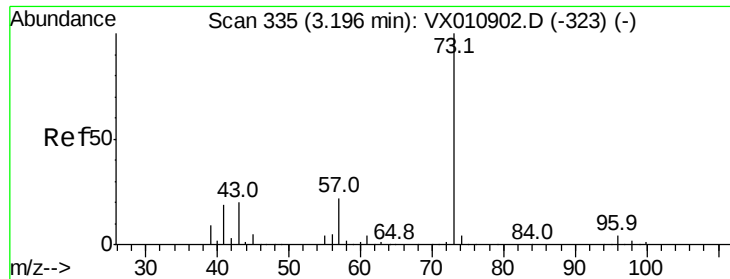
MMDadoda
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#18
Methyl Acetate
Concen: 20.216 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion: 43 Resp: 46326
Ion Ratio Lower Upper
43 100
74 26.7 21.5 32.3





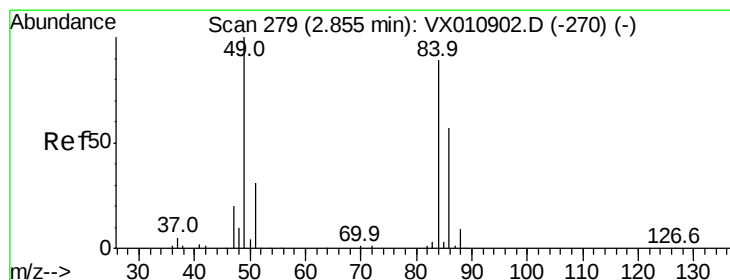
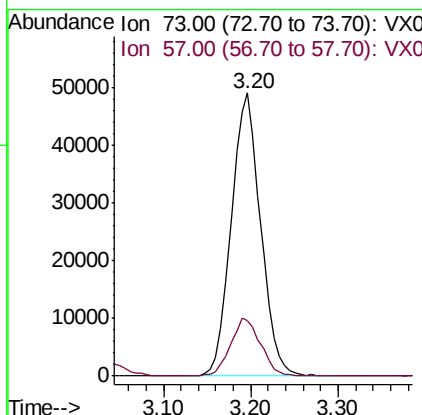
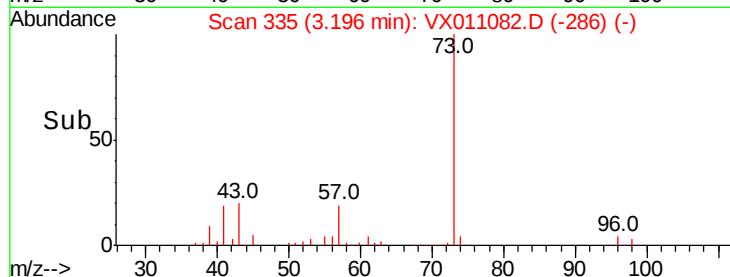
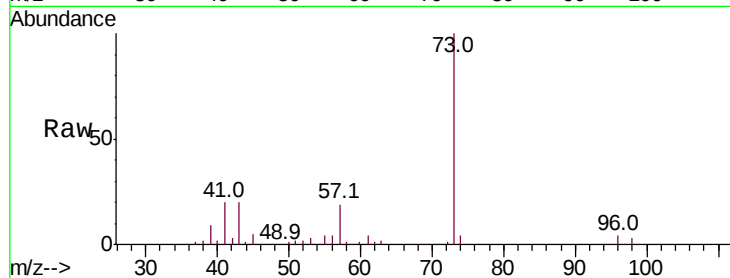
#19
Methvl tert-butvl Ether
Concen: 19.074 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	17.3	25.9

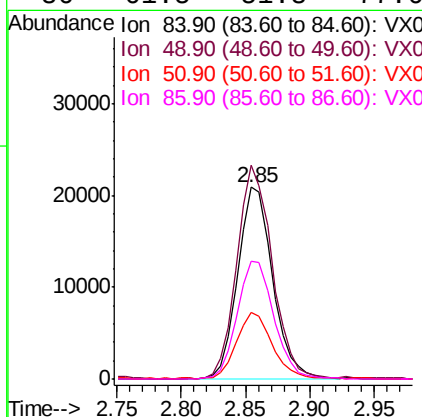
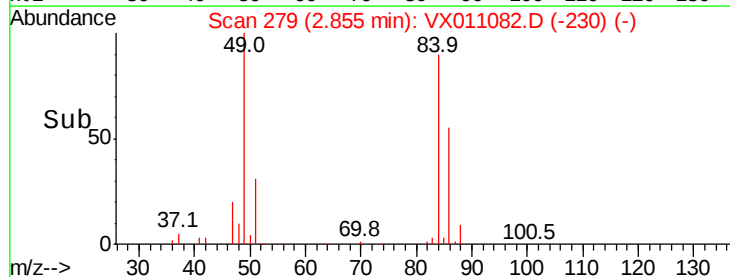
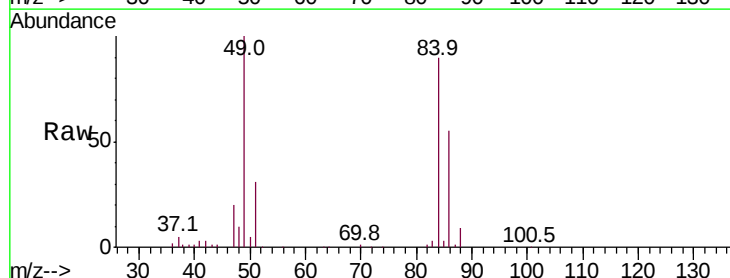
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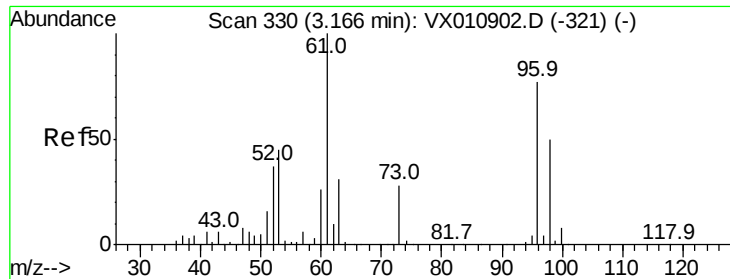
MMDadoda
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#20
Methylene Chloride
Concen: 18.475 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	89.9	134.9
51	34.2	27.8	41.6
86	61.5	51.8	77.6





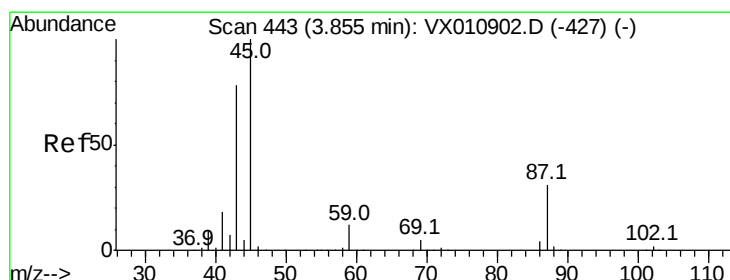
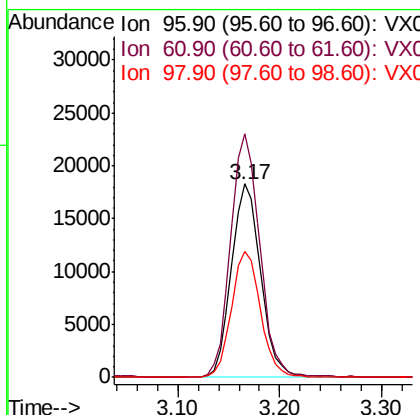
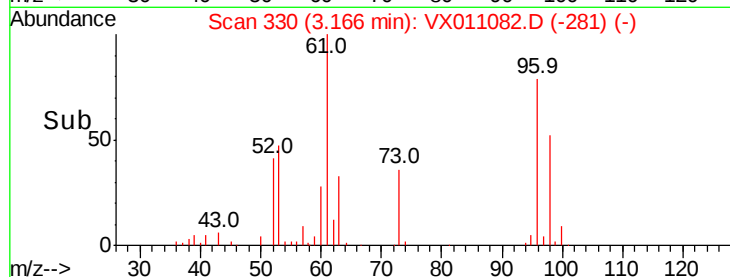
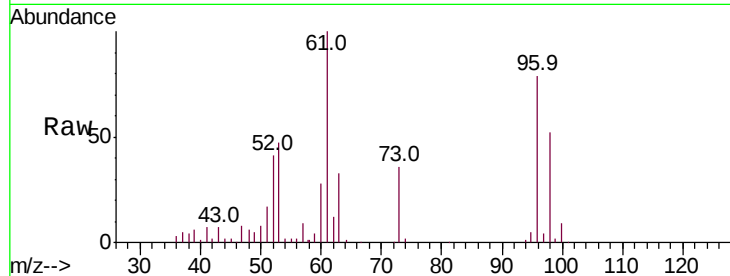
#21
trans-1,2-Dichloroethene
Concen: 18.319 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	104.2	156.2
98	65.0	52.2	78.4

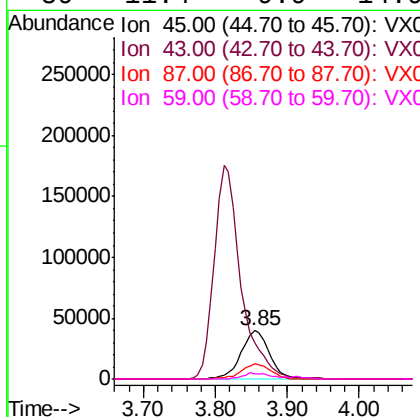
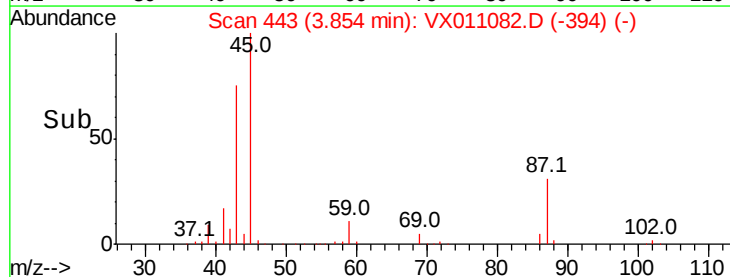
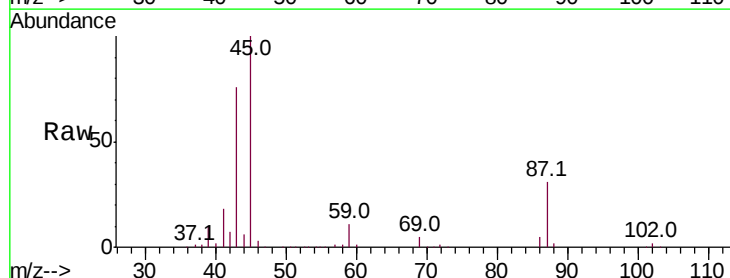
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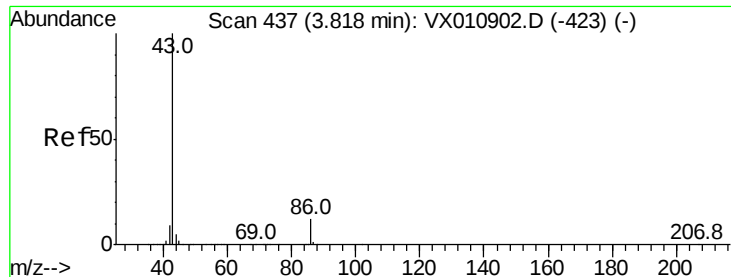
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#22
Diisopropyl ether
Concen: 18.964 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.2	62.3	93.5
87	31.3	25.0	37.4
59	11.4	9.9	14.9





#23

Vinyl Acetate

Concen: 93.758 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 43 Resp: 454029

Ion Ratio Lower Upper

43 100

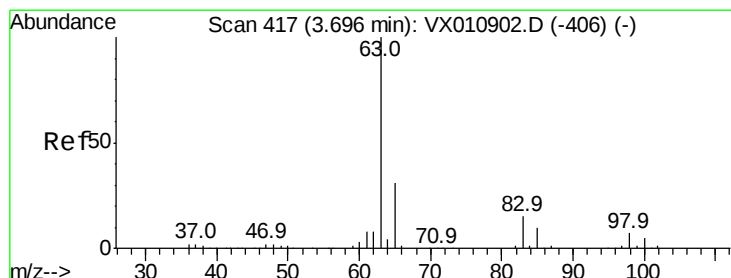
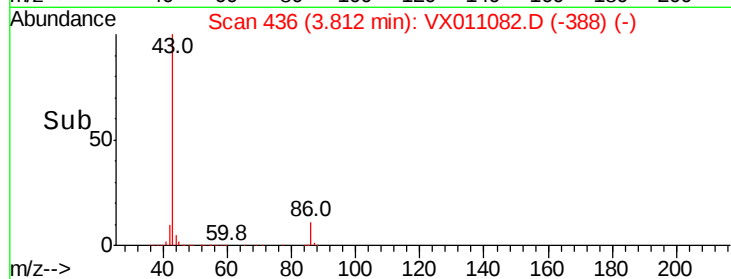
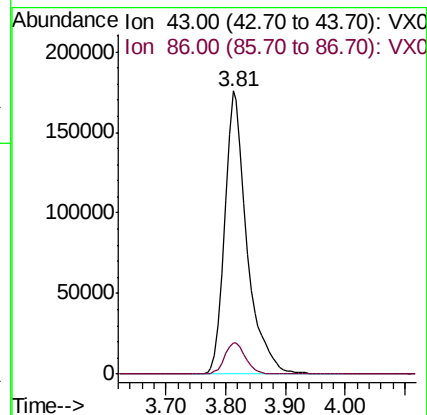
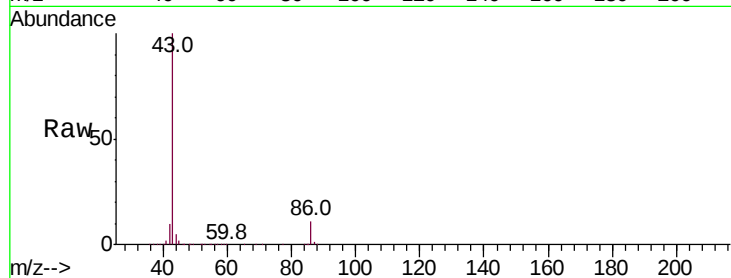
86 11.2 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 18.704 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

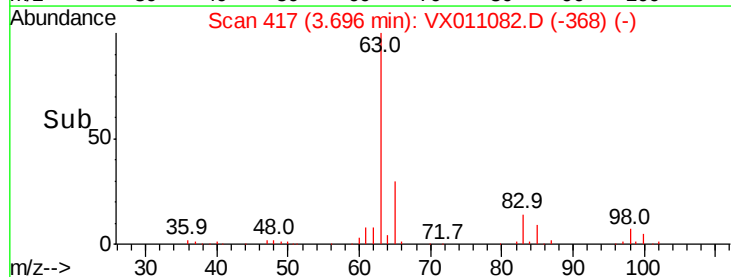
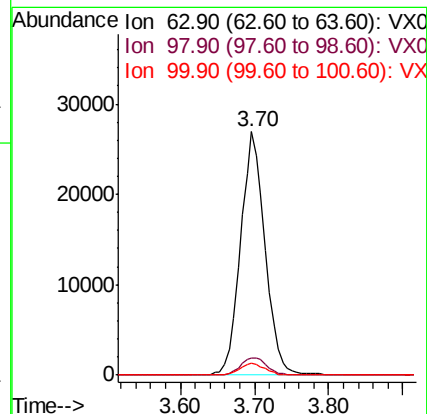
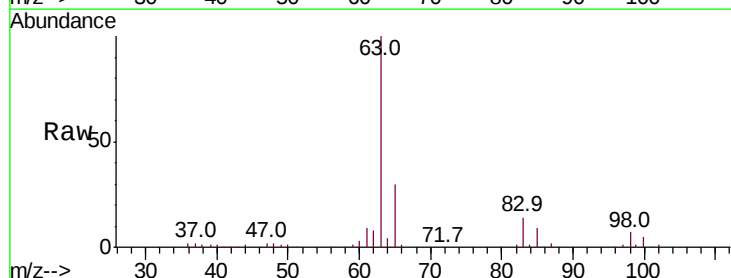
Tgt Ion: 63 Resp: 62083

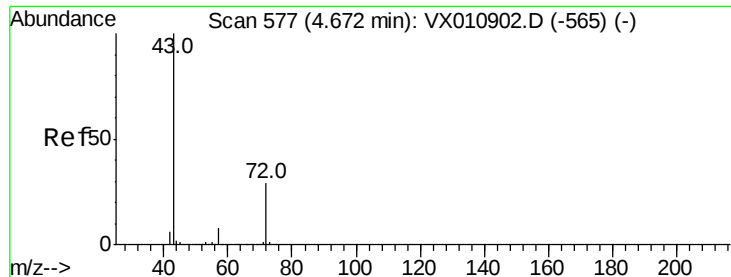
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 92.628 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 43 Resp: 133813

Ion Ratio Lower Upper

43 100

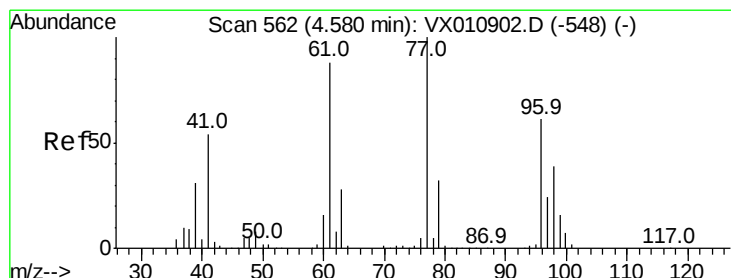
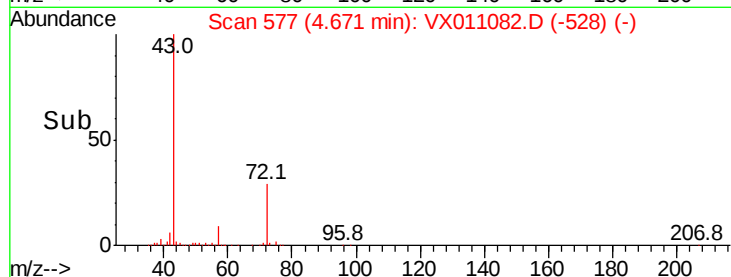
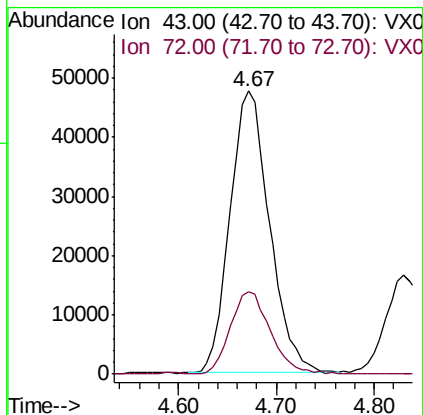
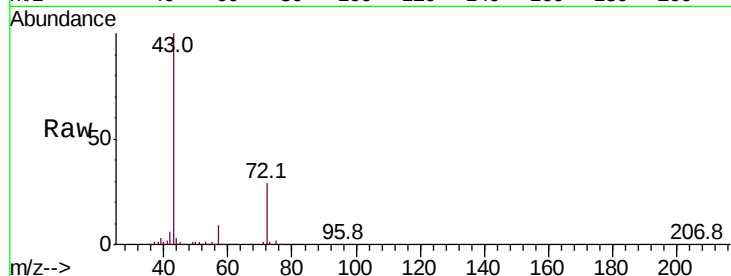
72 29.1 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.232 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011082.D

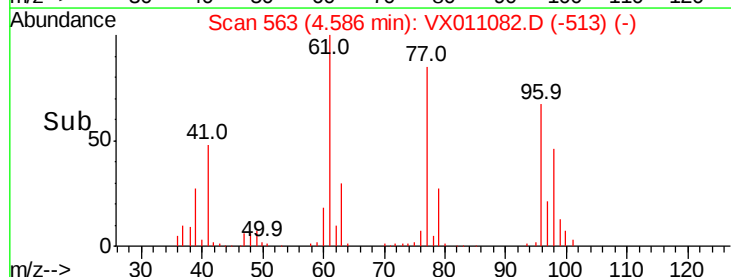
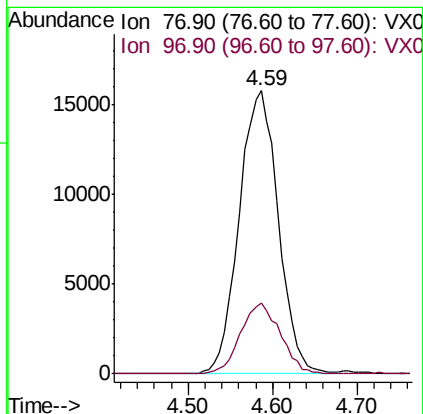
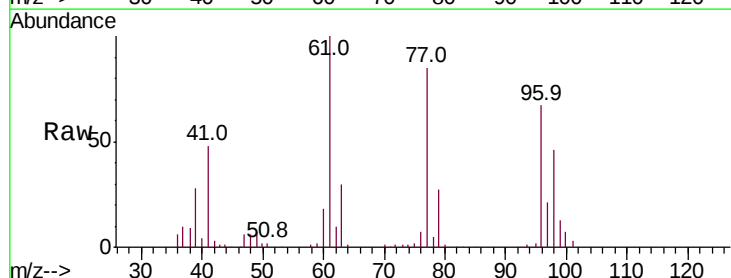
Acq: 26 Jul 2019 11:55

Tgt Ion: 77 Resp: 49687

Ion Ratio Lower Upper

77 100

97 25.5 12.6 37.6





#27

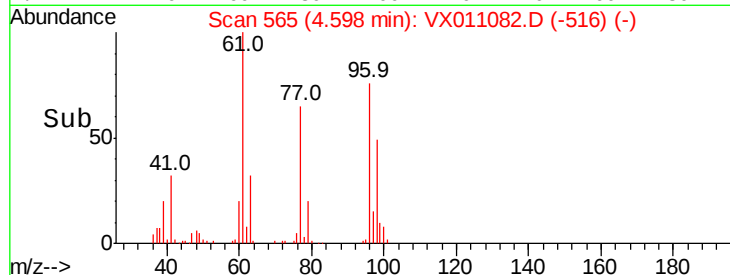
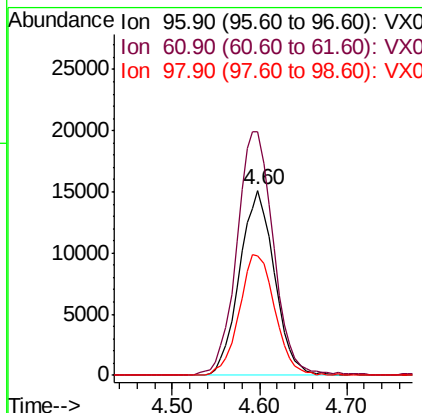
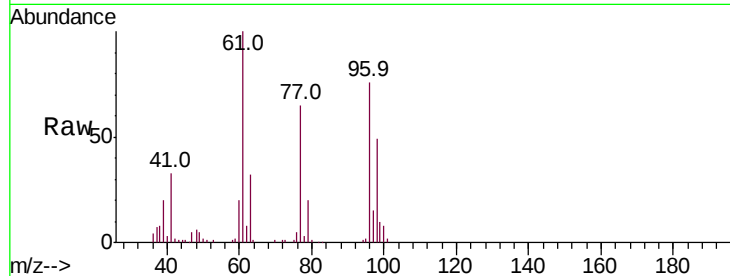
cis-1,2-Dichloroethene
 Concen: 18.375 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	42096		
61	138.3	0.0	269.0	
98	66.5	0.0	131.4	

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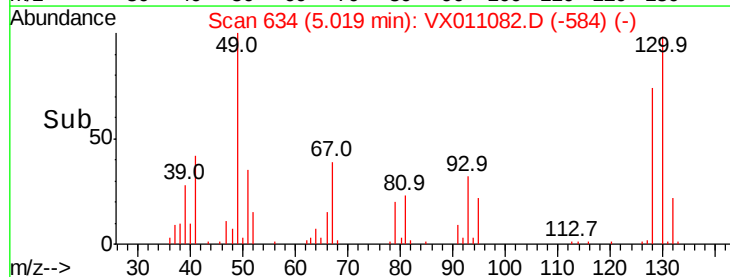
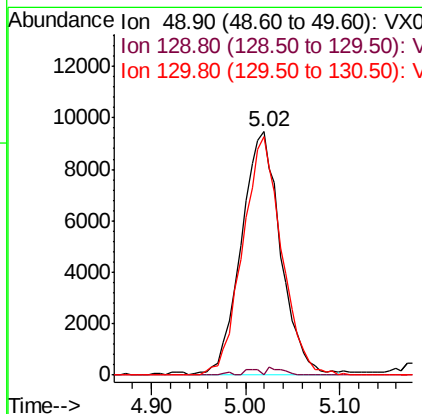
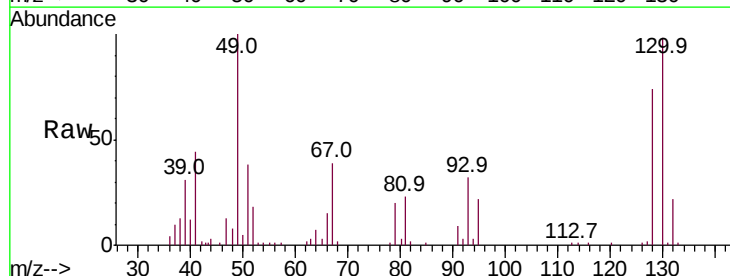
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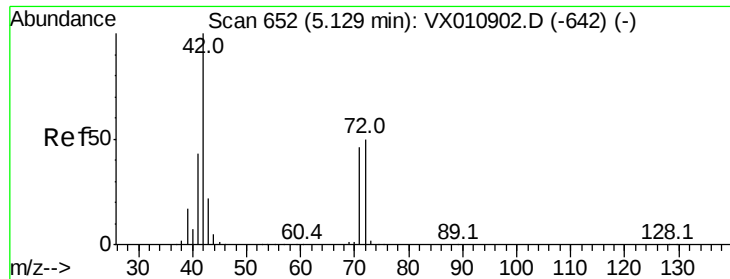


#28

Bromochloromethane
 Concen: 17.808 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27853		
129	1.2	0.0	5.2	
130	96.1	76.9	115.3	





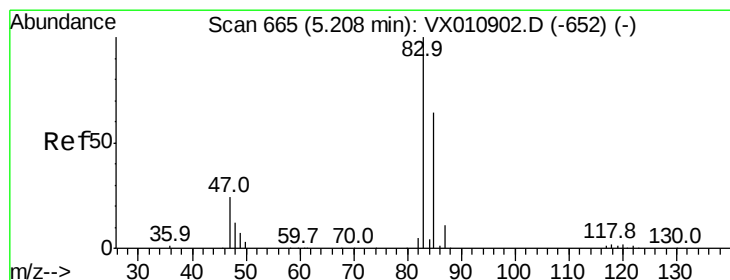
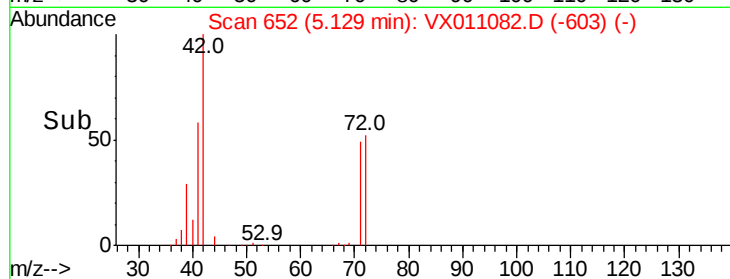
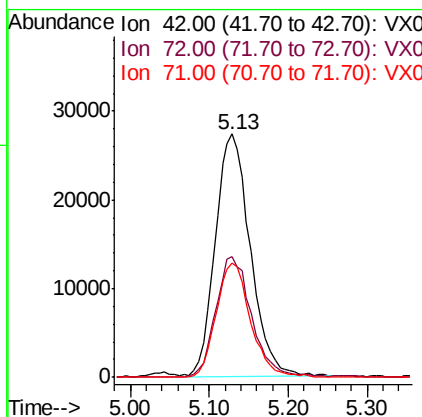
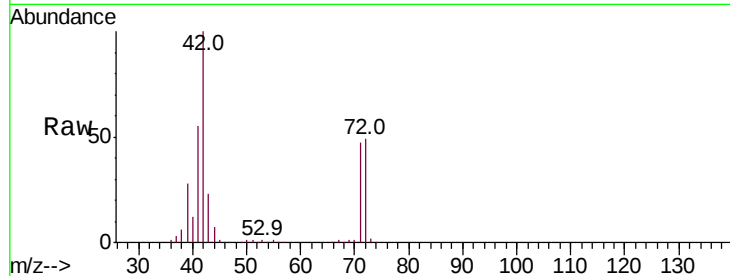
#29
Tetrahydrofuran
Concen: 91.861 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	39.8	59.8
71	46.5	37.0	55.4

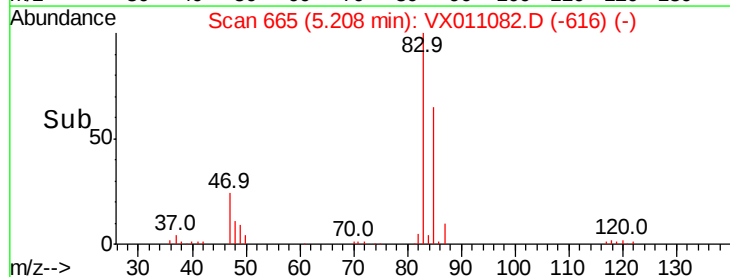
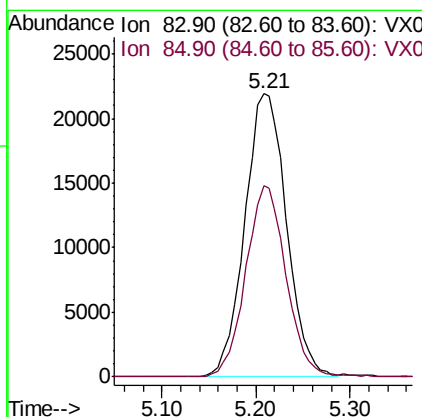
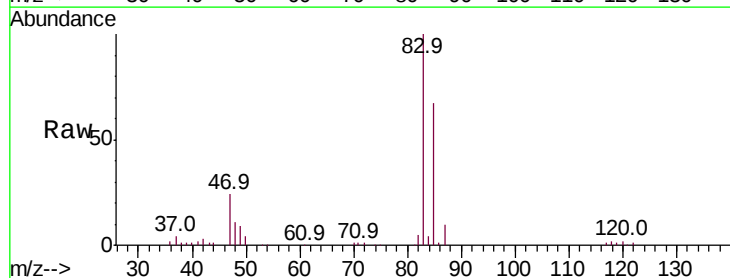
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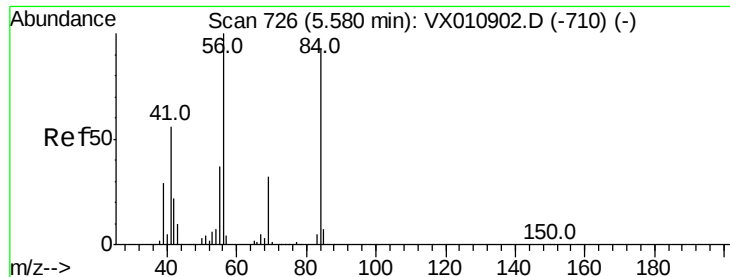
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#30
Chloroform
Concen: 18.924 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.4	77.0





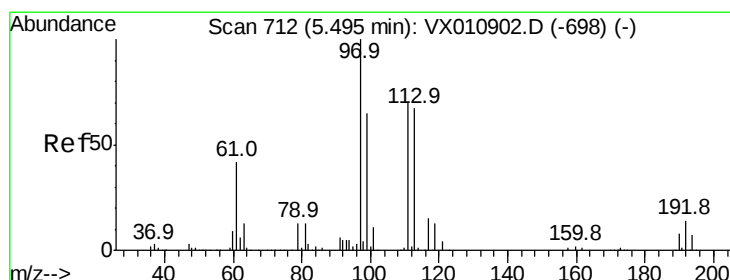
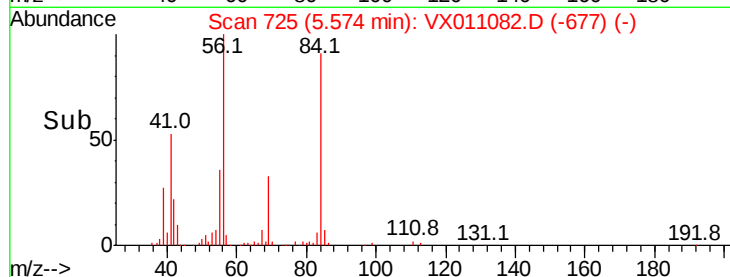
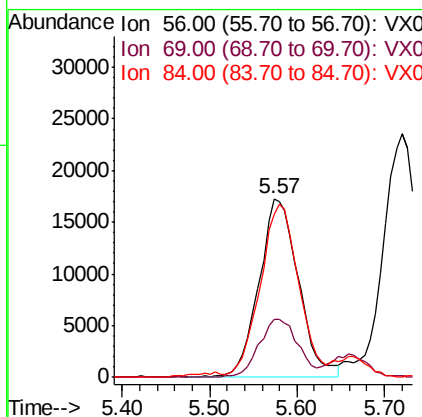
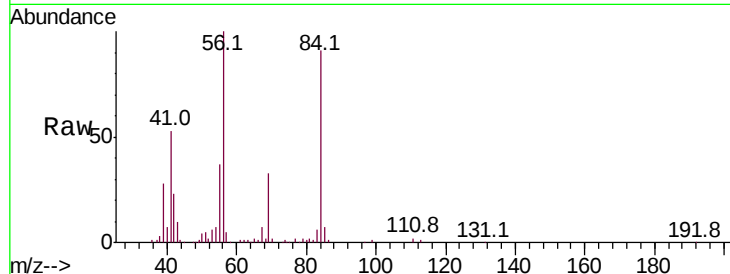
#31
Cyclohexane
Concen: 18.003 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.8	38.8
84	89.6	73.8	110.6

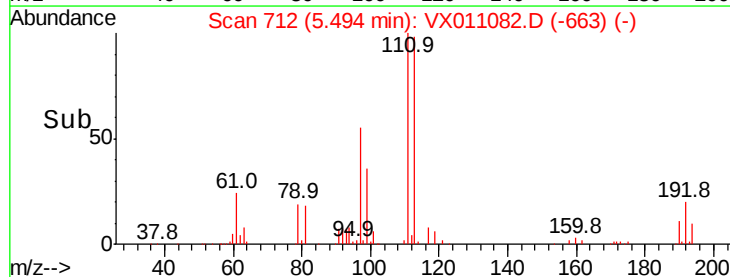
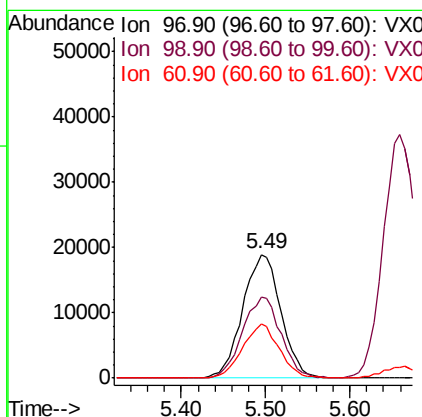
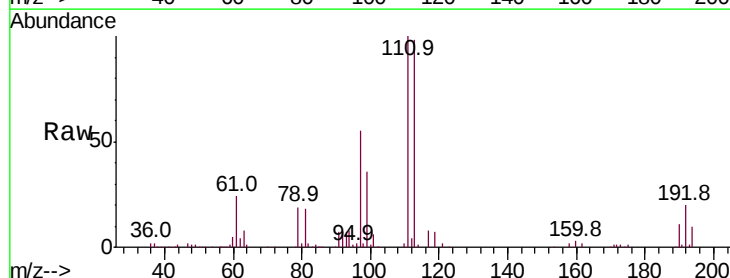
Manual Integrations
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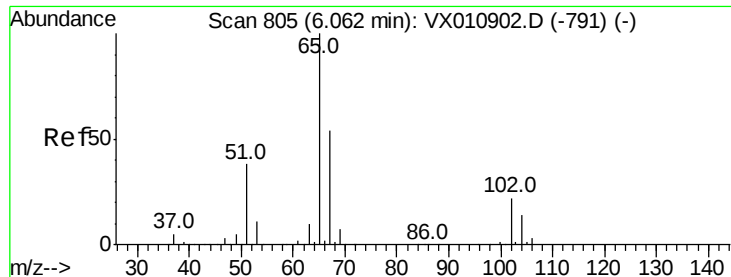
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#32
1,1,1-Trichloroethane
Concen: 18.734 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.4	77.0
61	42.3	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 48.028 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 65 Resp: 107017

Ion Ratio Lower Upper

65 100

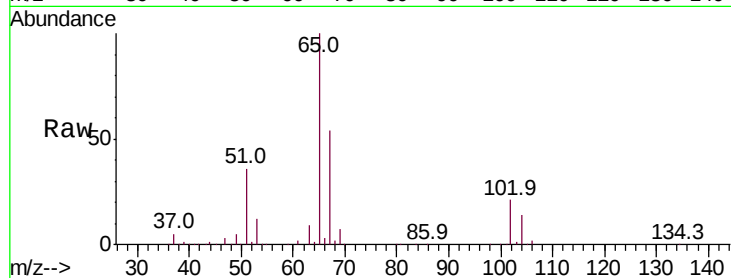
67 52.6 0.0 107.8

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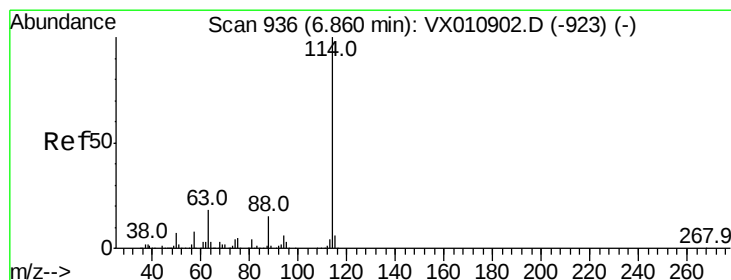
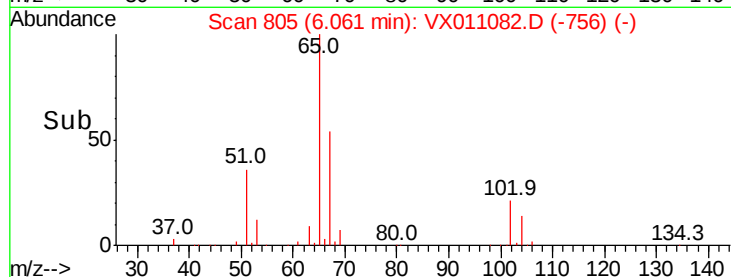
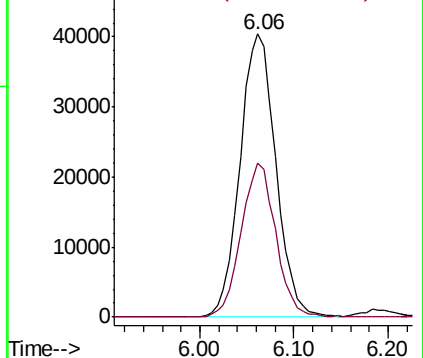
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

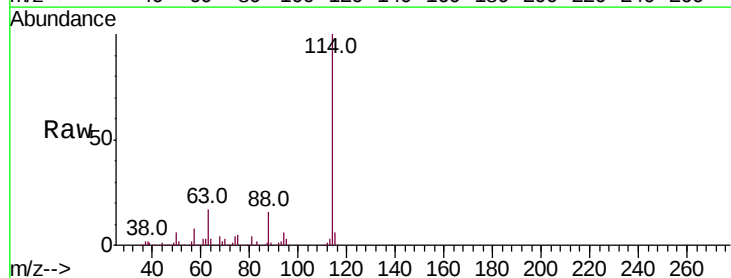
Tgt Ion:114 Resp: 310333

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

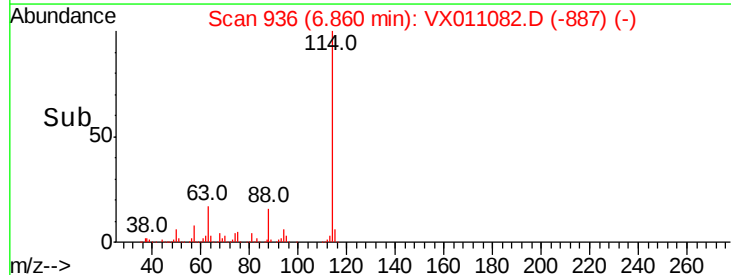
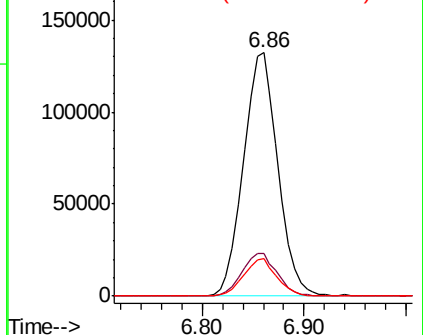
88 15.6 0.0 29.8

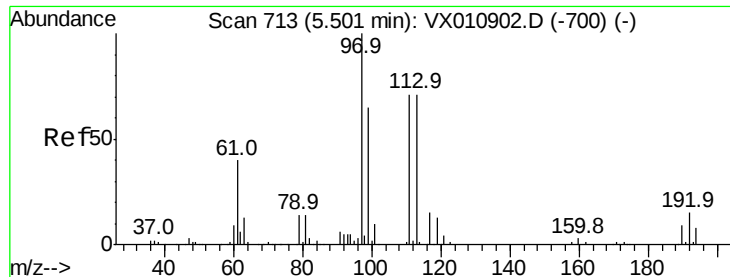


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.394 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

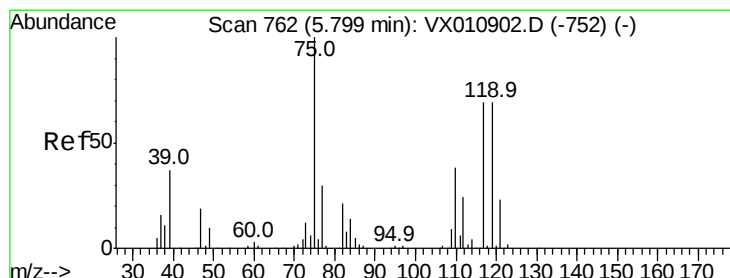
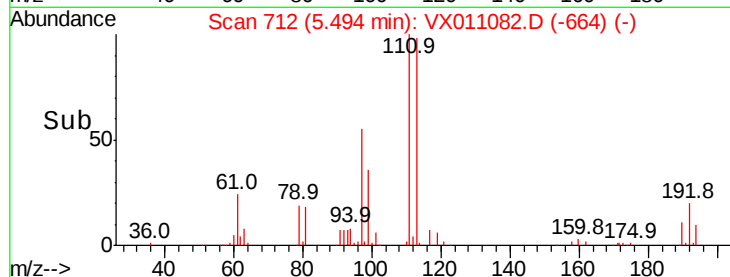
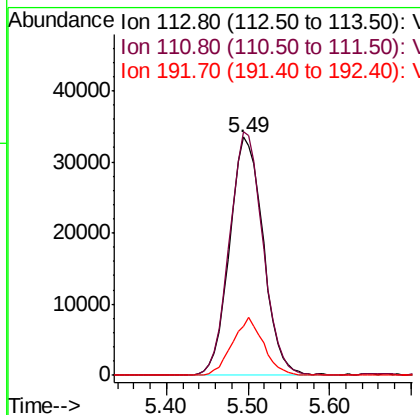
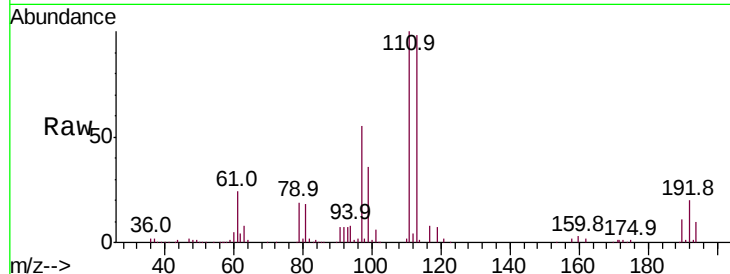
ClientSampleId :

VX0726WBS01

Tot Ion:	113	Resp:	95324
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	22.4	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 18.439 ug/l

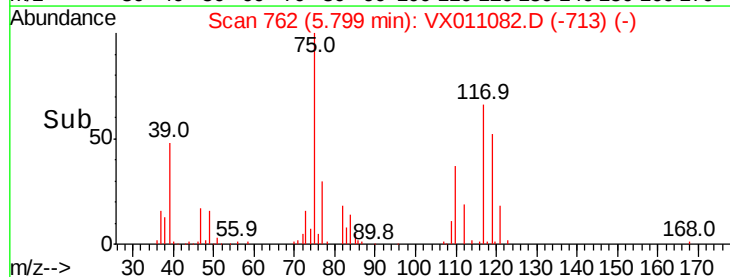
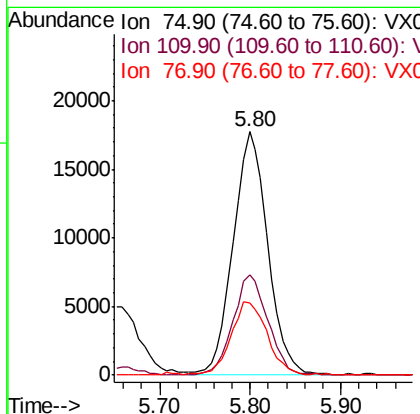
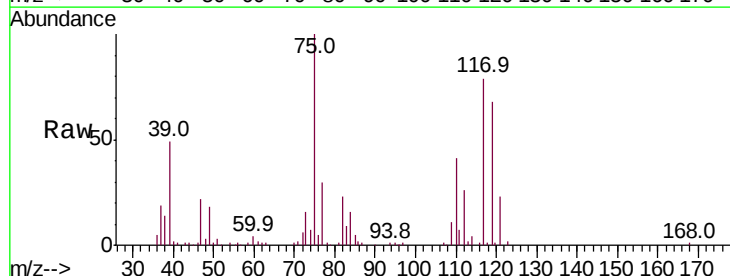
RT: 5.80 min Scan# 762

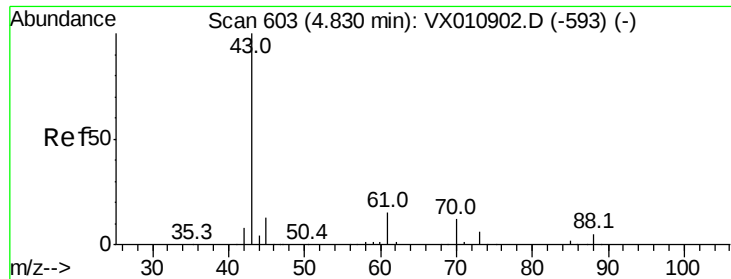
Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Tgt Ion:	75	Resp:	47004
Ion	Ratio	Lower	Upper
75	100		
110	41.4	19.9	59.7
77	31.5	25.0	37.4





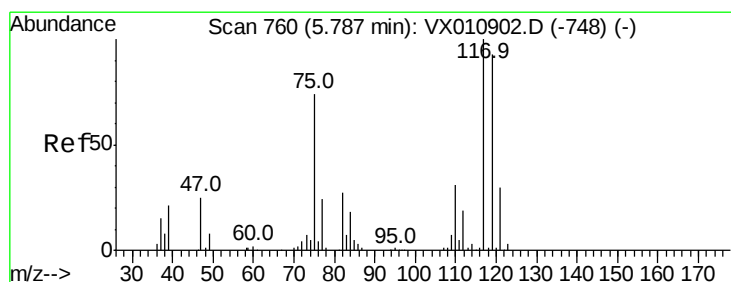
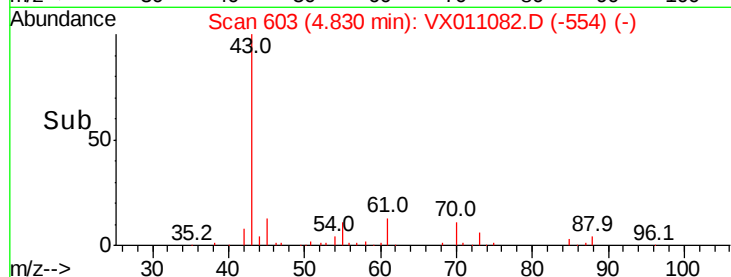
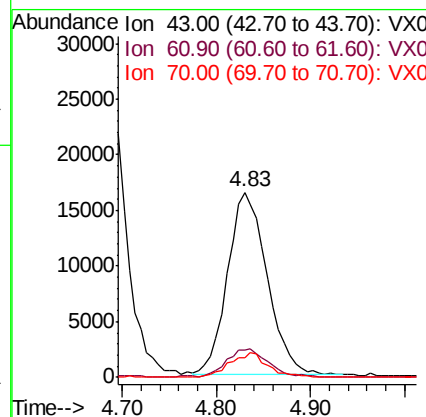
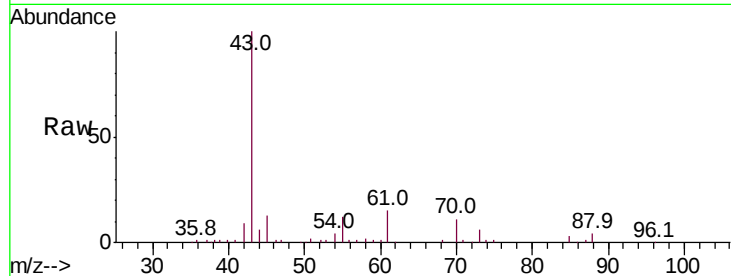
#37
Ethyl Acetate
Concen: 18.328 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	11.6	17.4
70	13.0	9.1	13.7

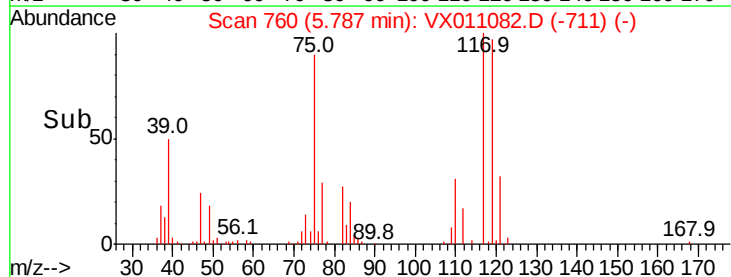
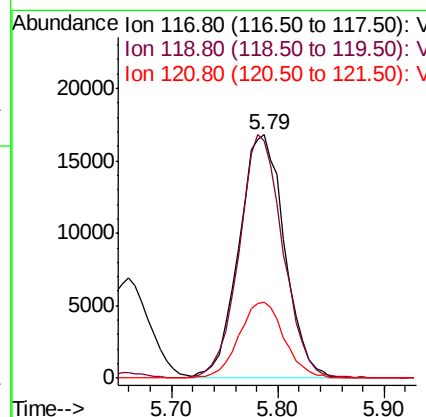
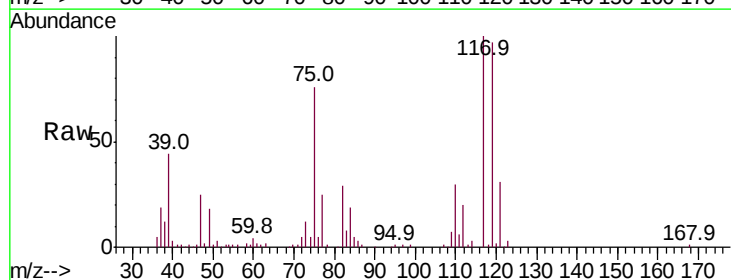
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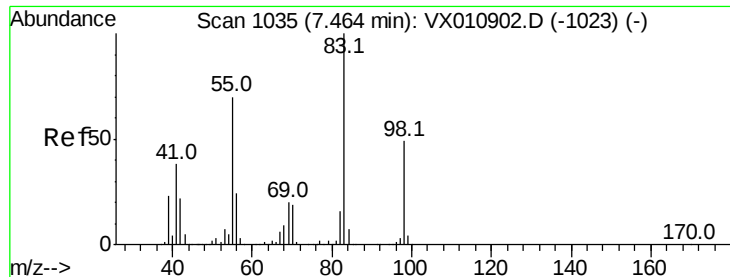
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#38
Carbon Tetrachloride
Concen: 18.997 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.2	111.2
121	31.1	24.2	36.2





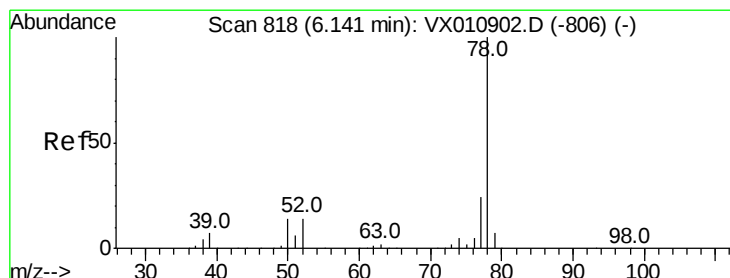
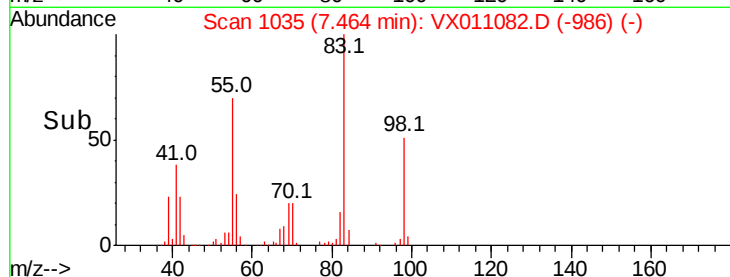
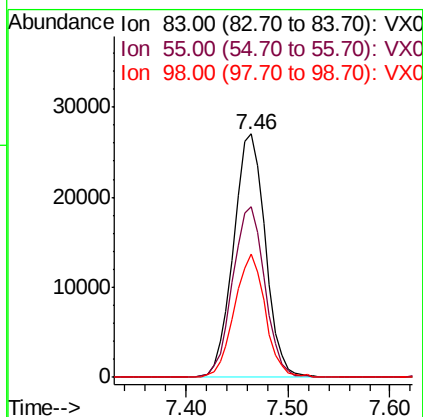
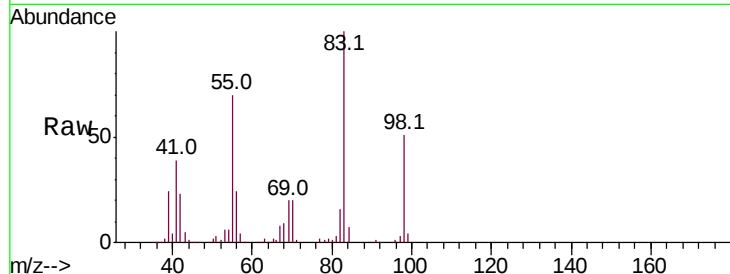
#39
Methvlcvclohexane
Concen: 17.738 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	56.2	84.4
98	50.5	39.0	58.4

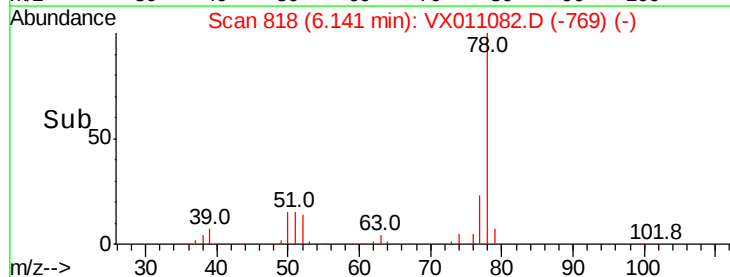
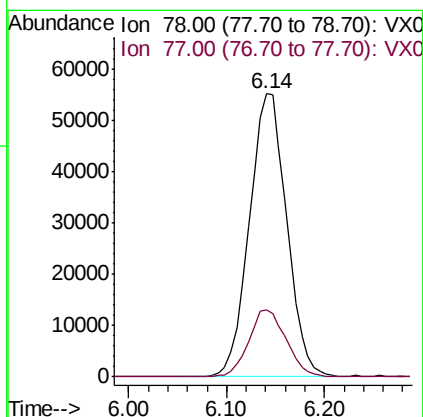
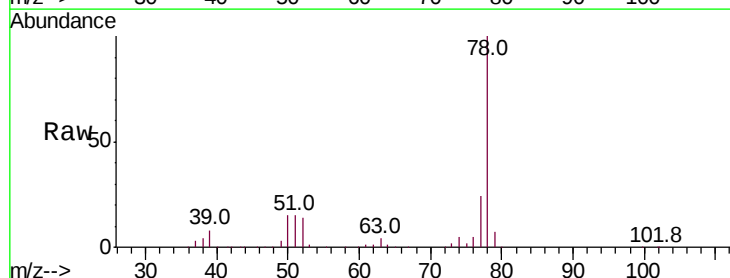
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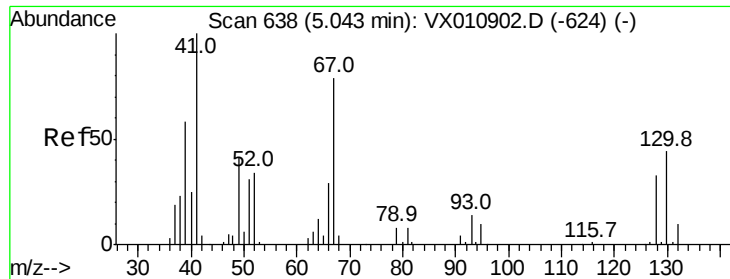
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#40
Benzene
Concen: 18.759 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





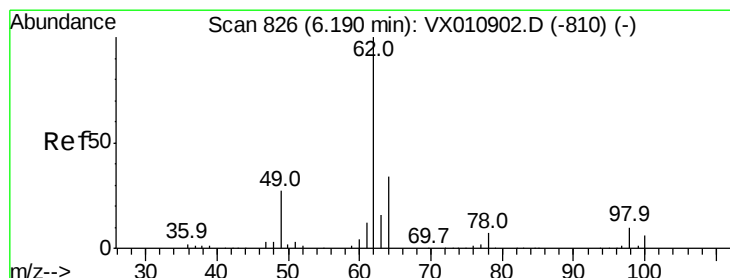
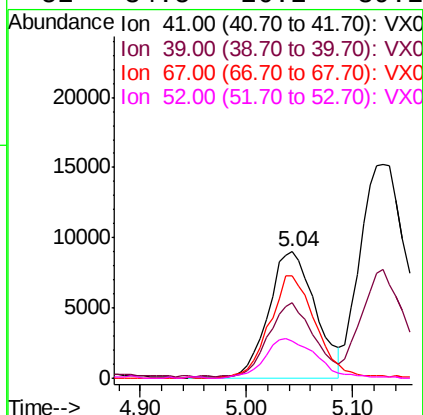
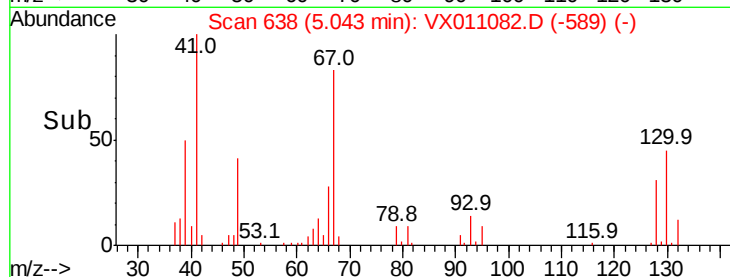
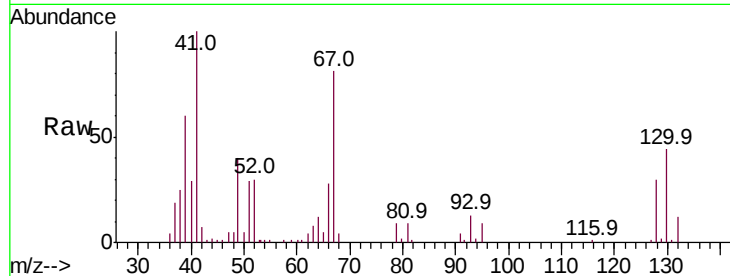
#41
Methacrylonitrile
Concen: 18.636 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.4	68.2
67	78.8	65.9	98.9
52	34.5	26.2	39.2

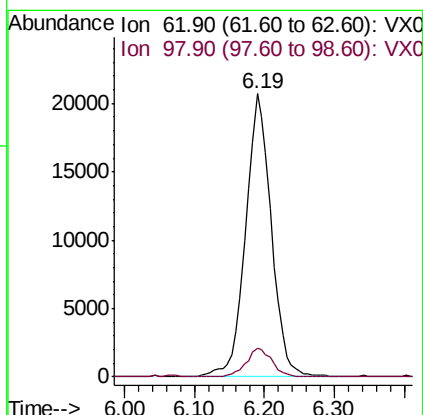
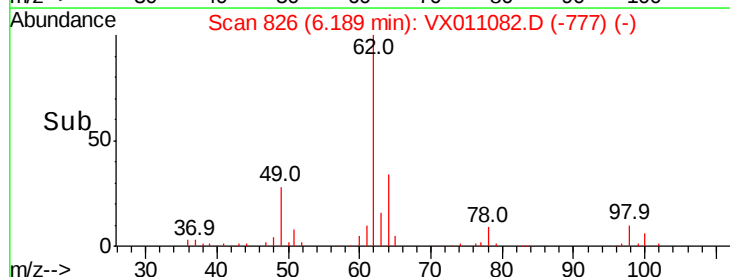
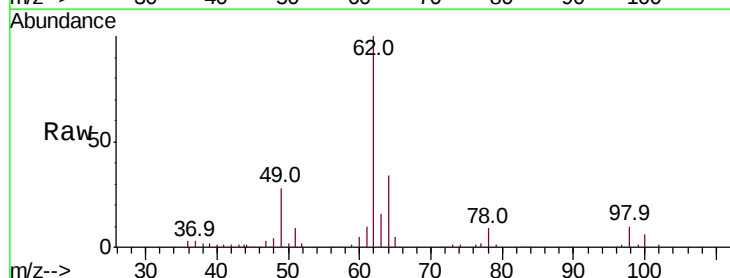
Manual Integrations
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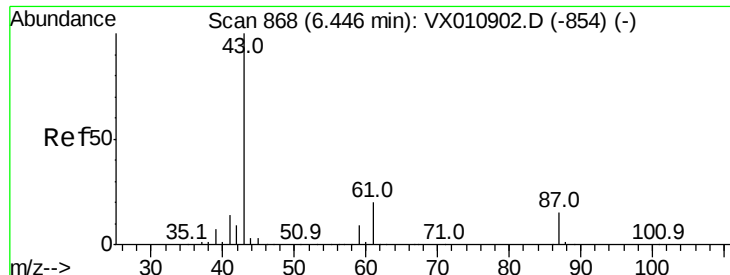
MMDadoda
7/29/2019 11:53:44 AM



#42
1,2-Dichloroethane
Concen: 19.472 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0





#43

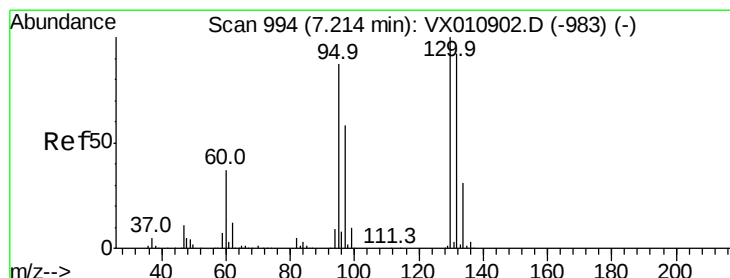
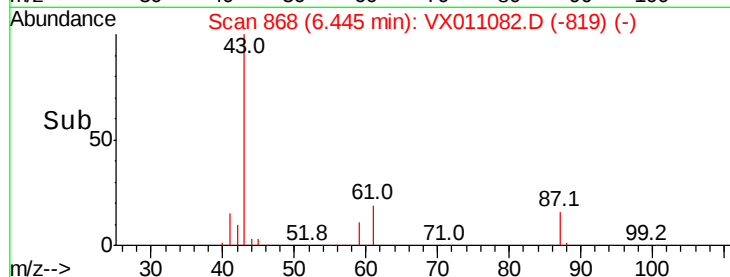
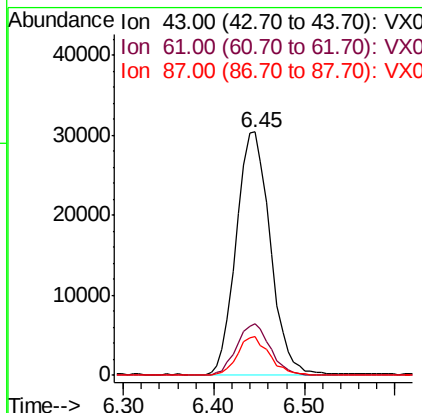
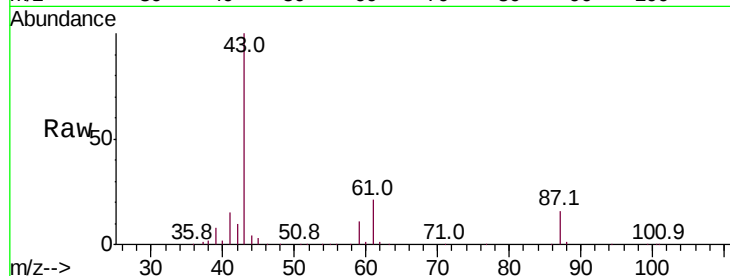
Isopropyl Acetate
 Concen: 18.585 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.1	25.7
87	14.9	12.0	18.0

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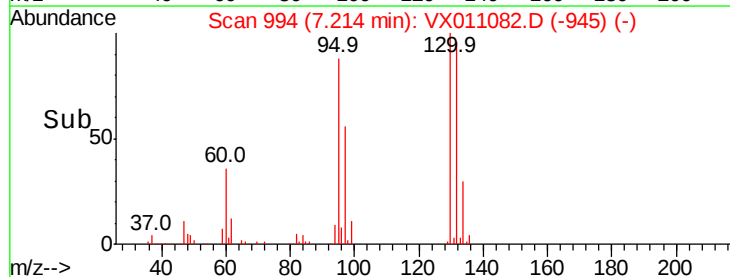
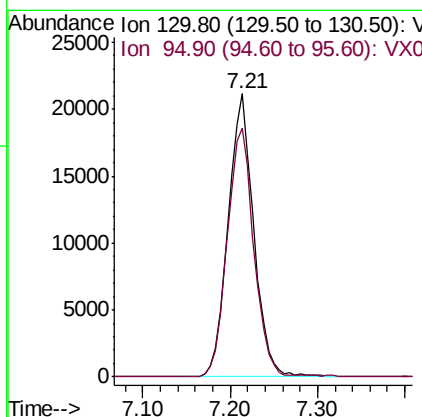
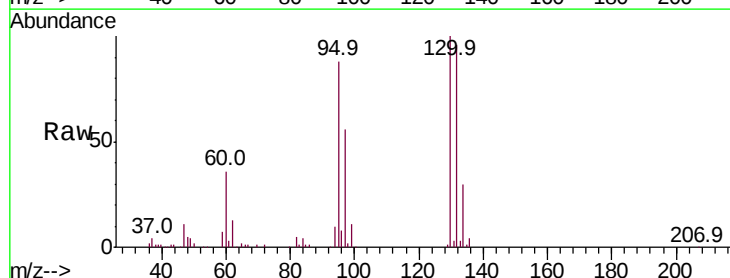
MMDadoda
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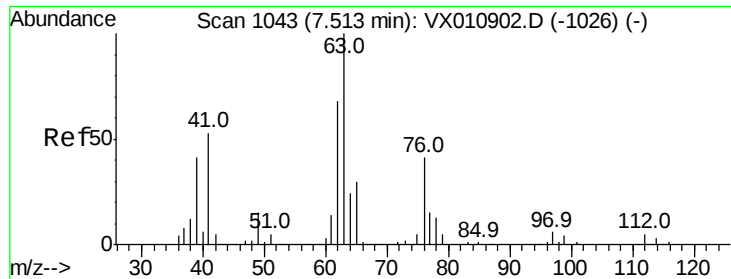


#44

Trichloroethene
 Concen: 18.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	174.8





#45

1,2-Dichloropropane

Concen: 18.938 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 63 Resp: 37637

Ion Ratio Lower Upper

63 100

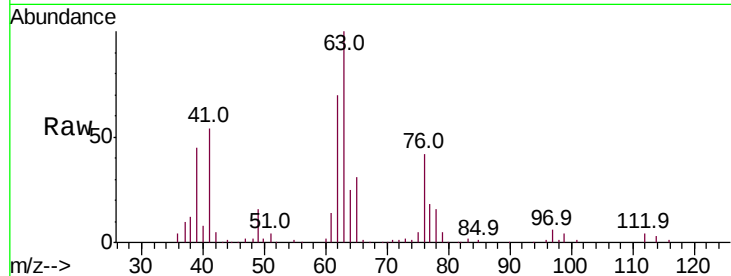
65 30.4 24.4 36.6

Manual Integrations

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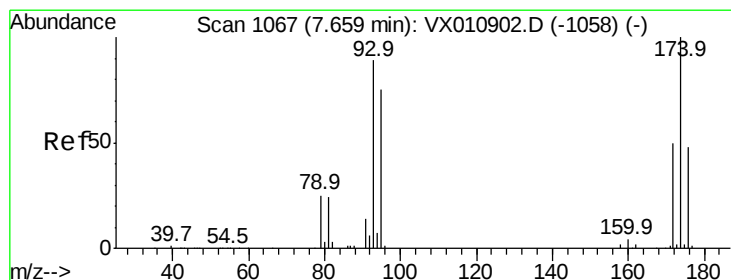
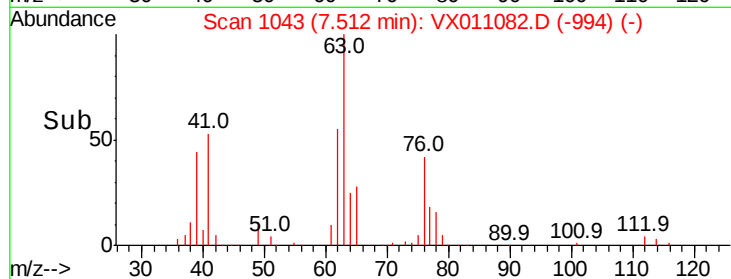
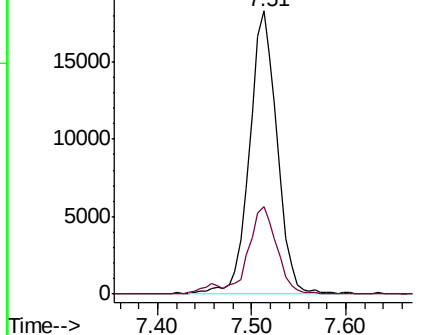
MMDadoda

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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: 19.367 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

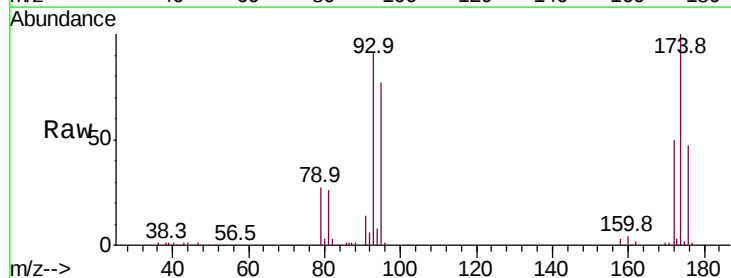
Tgt Ion: 93 Resp: 27503

Ion Ratio Lower Upper

93 100

95 81.7 67.2 100.8

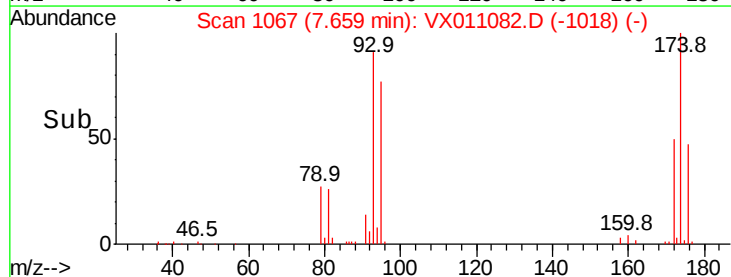
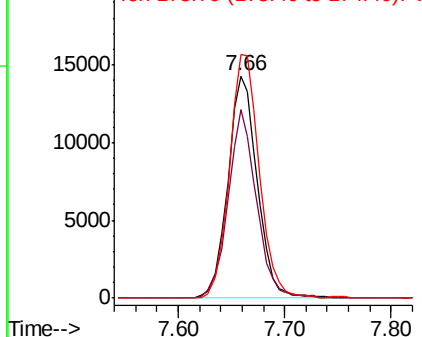
174 112.0 90.6 135.8

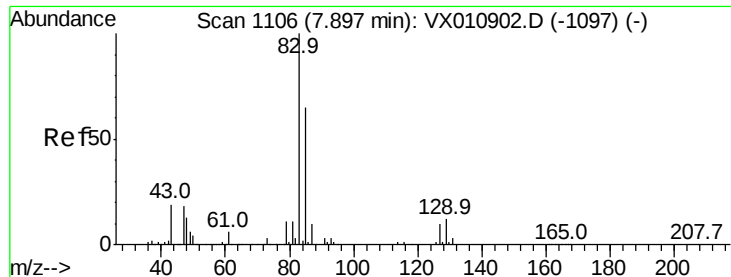


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.151 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

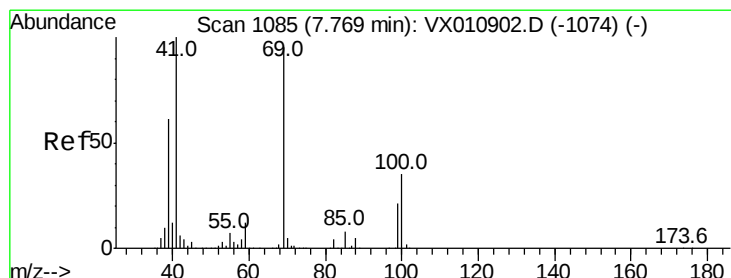
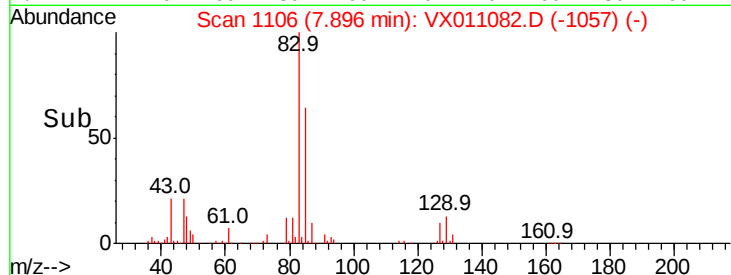
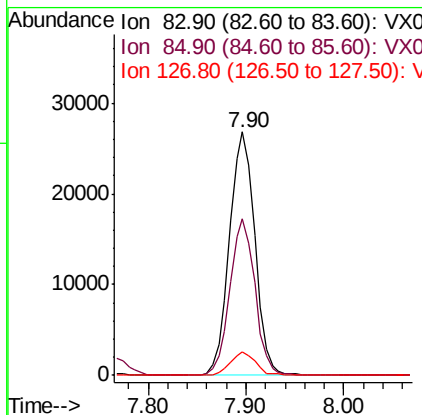
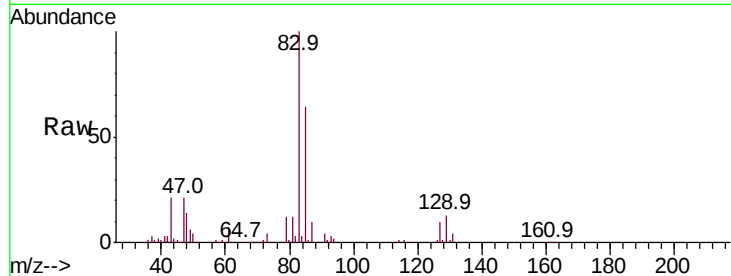
ClientSampleId :

VX0726WBS01

Tot Ion:	83	Resp:	48413
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.873 ug/l

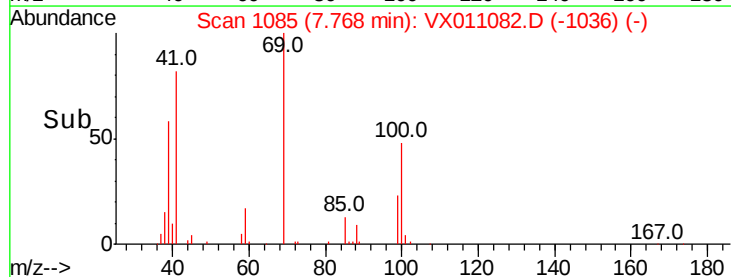
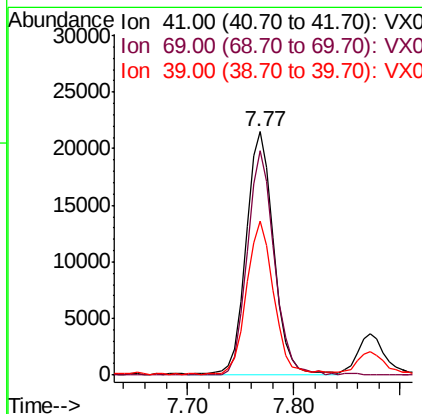
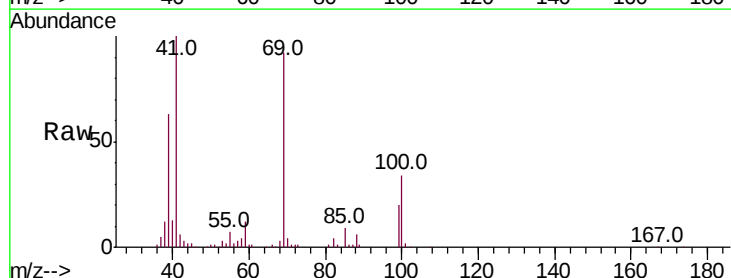
RT: 7.77 min Scan# 1085

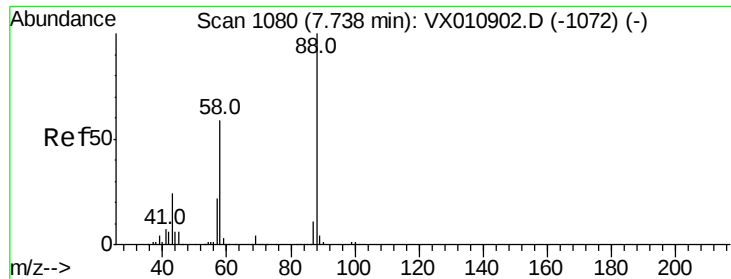
Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Tgt Ion:	41	Resp:	39460
Ion	Ratio	Lower	Upper
41	100		
69	89.9	74.4	111.6
39	63.0	48.9	73.3





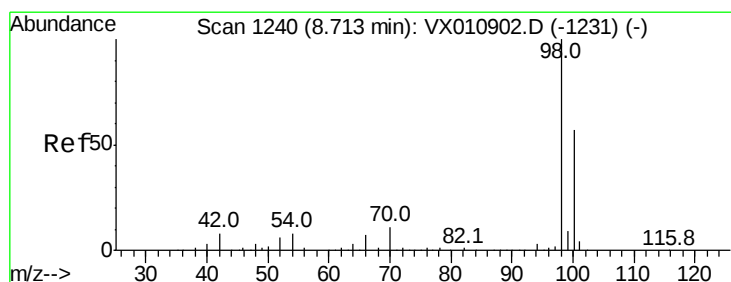
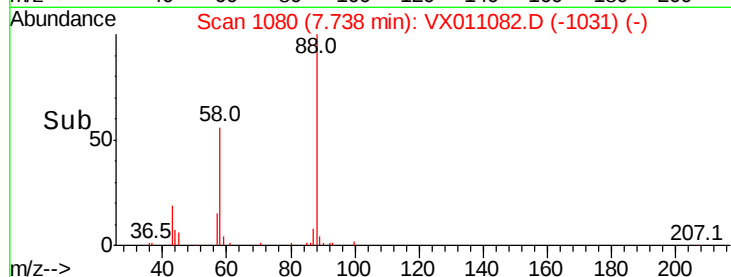
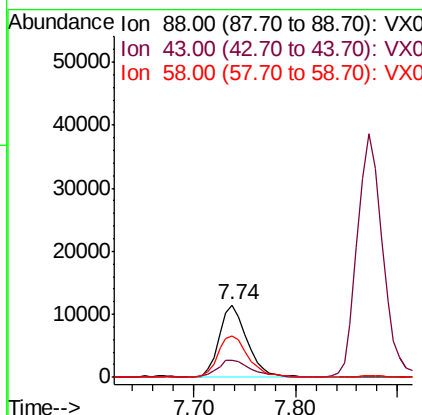
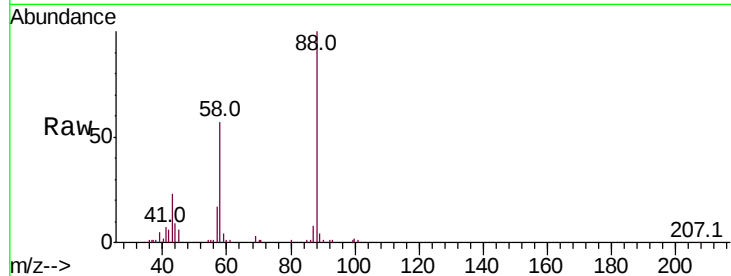
#49
 1,4-Dioxane
 Concen: 377.341 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	22.9	34.3
58	62.4	49.8	74.8

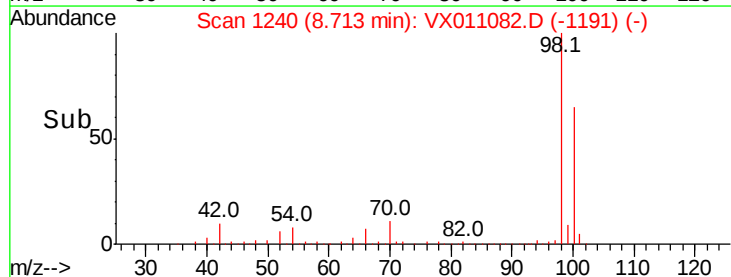
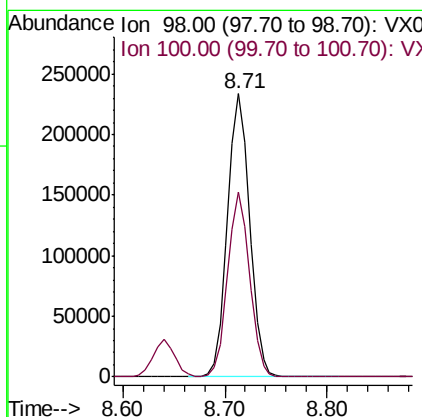
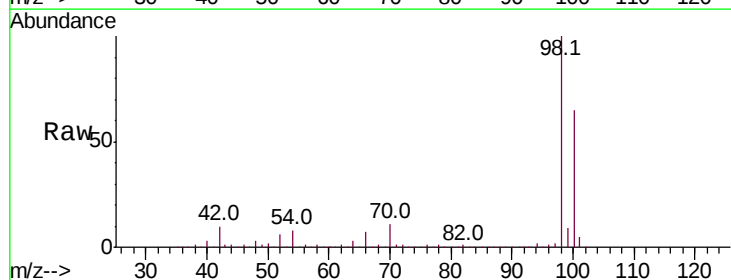
Manual Integrations
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#50
 Toluene-d8
 Concen: 47.591 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 96.115 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 43 Resp: 267414

Ion Ratio Lower Upper

43 100

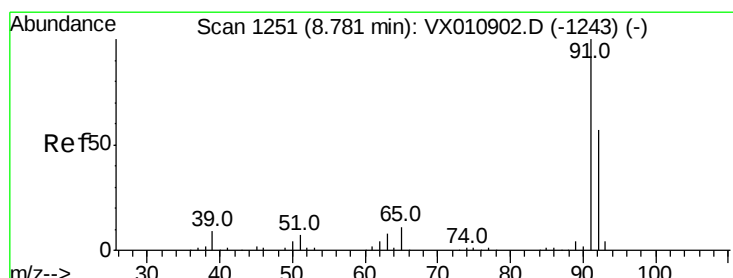
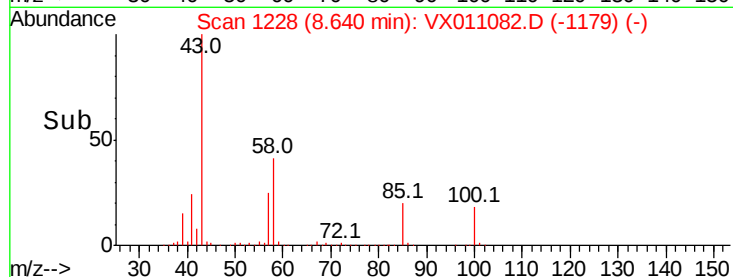
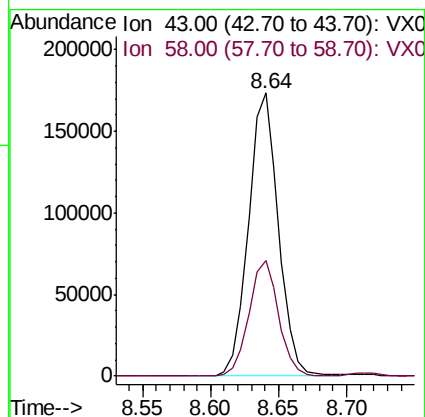
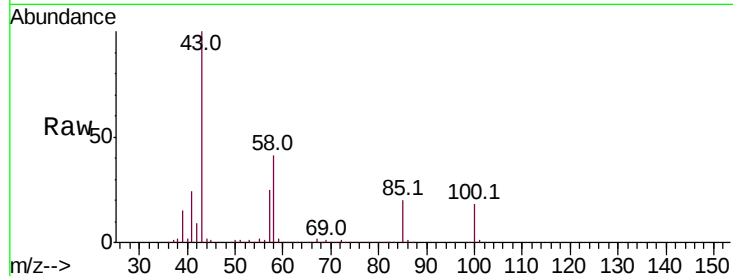
58 40.3 32.2 48.4

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#52

Toluene

Concen: 18.360 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011082.D

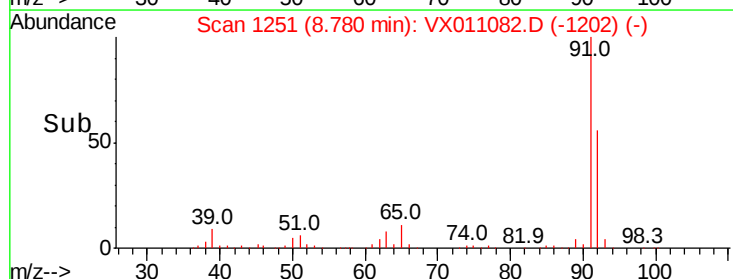
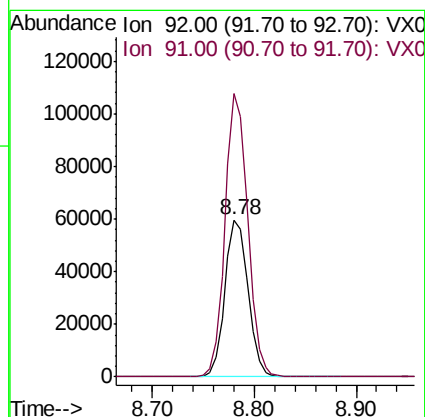
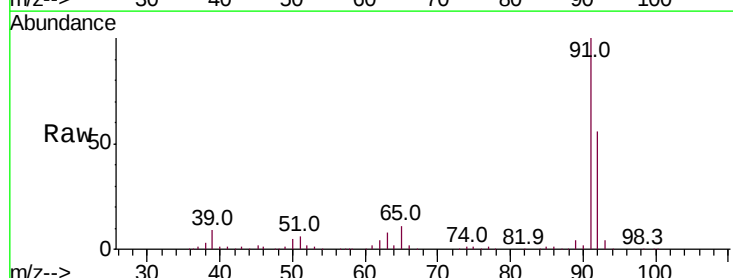
Acq: 26 Jul 2019 11:55

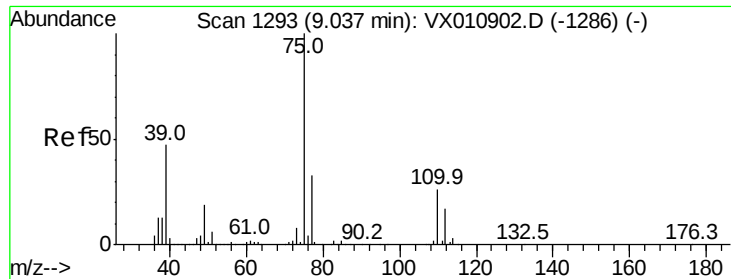
Tgt Ion: 92 Resp: 94178

Ion Ratio Lower Upper

92 100

91 176.8 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.742 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 75 Resp: 50945

Ion Ratio Lower Upper

75 100

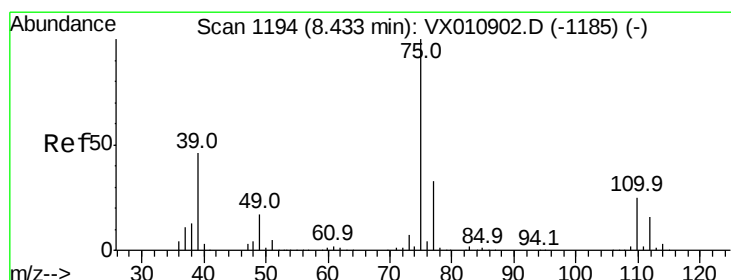
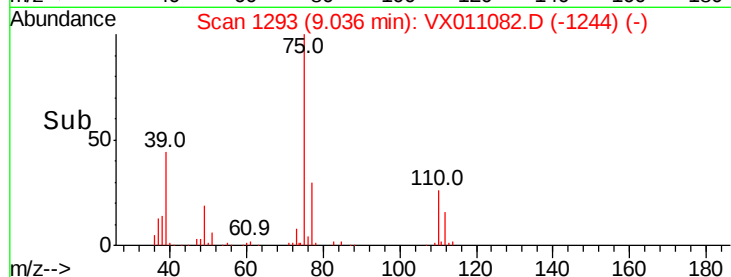
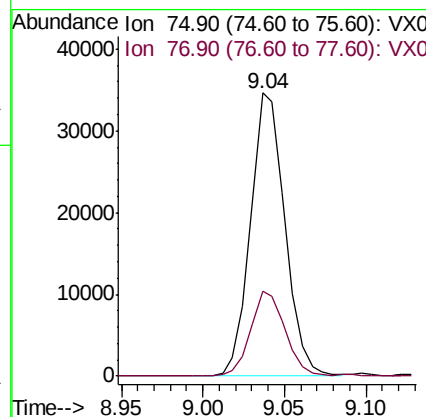
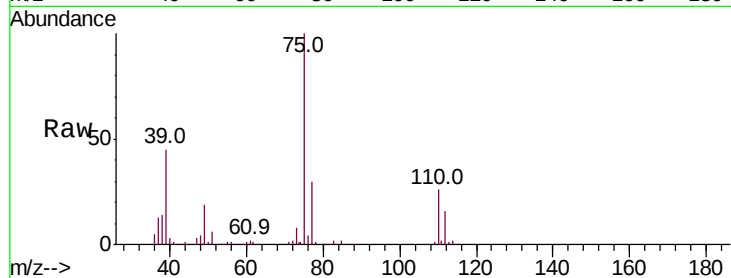
77 30.1 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 18.607 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

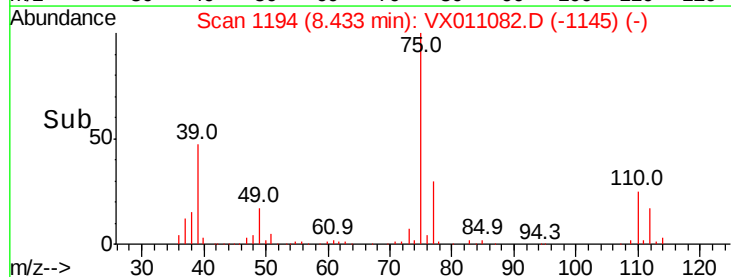
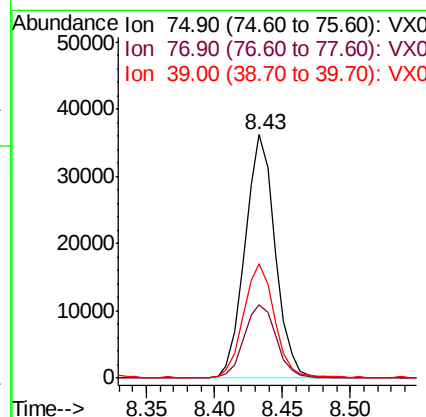
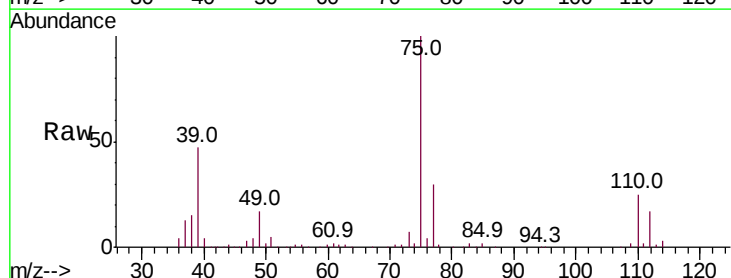
Tgt Ion: 75 Resp: 56279

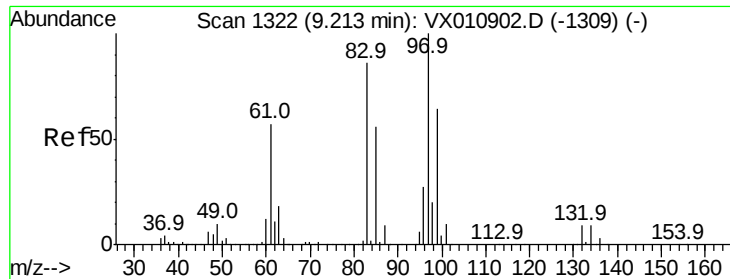
Ion Ratio Lower Upper

75 100

77 29.9 26.1 39.1

39 46.6 36.6 54.8





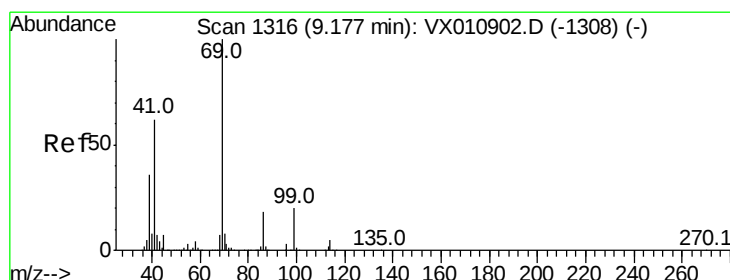
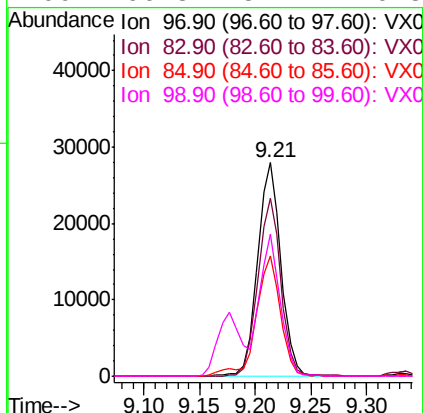
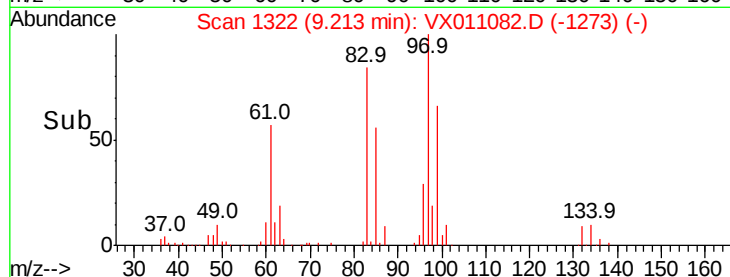
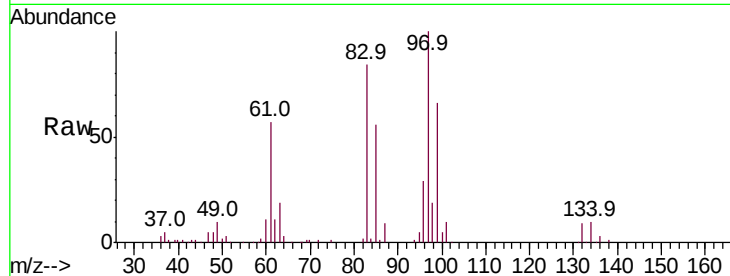
#55
 1,1,2-Trichloroethane
 Concen: 19.375 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		40922		
83	83.4	69.2	103.8		
85	56.1	44.6	66.8		
99	66.3	51.2	76.8		

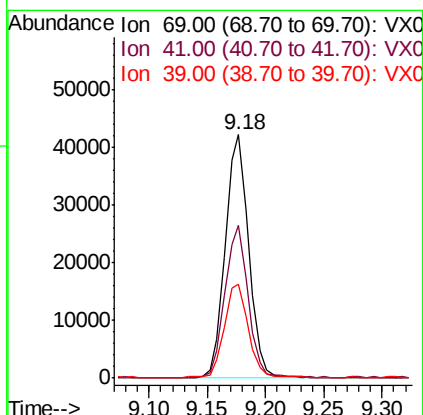
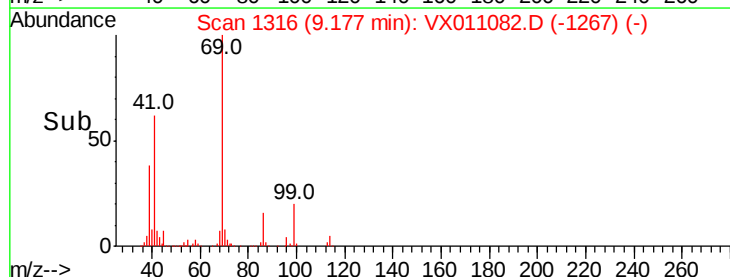
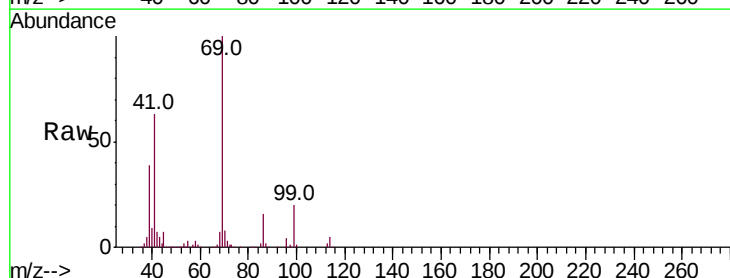
Manual Integrations
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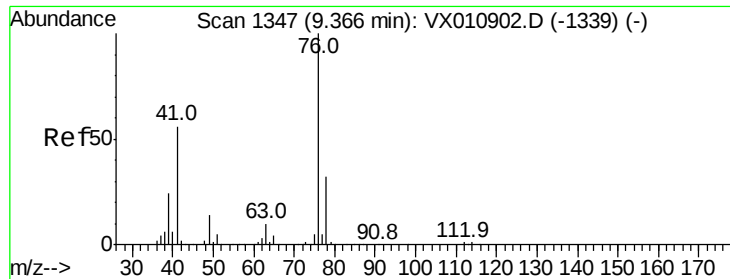
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#56
 Ethyl methacrylate
 Concen: 19.025 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		58776		
41	61.9	49.7	74.5		
39	39.4	29.6	44.4		





#57

1,3-Dichloropropane

Concen: 19.229 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

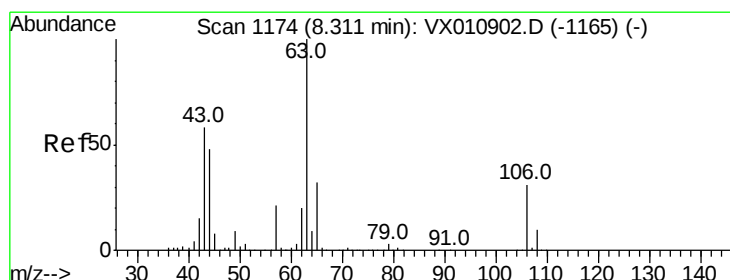
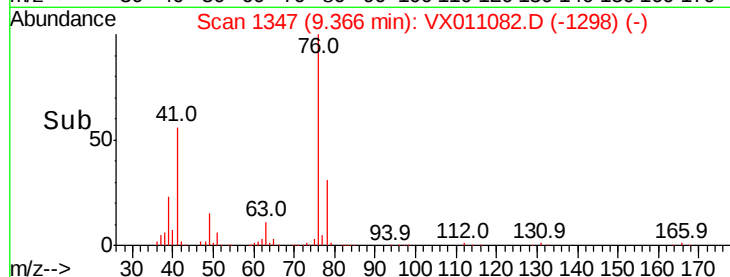
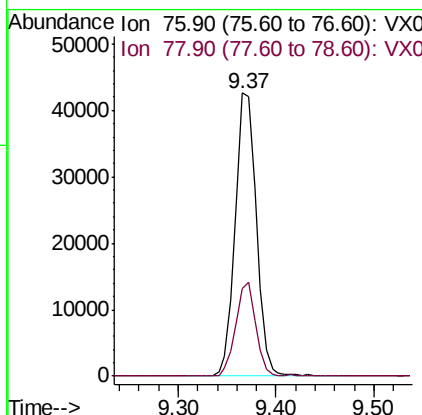
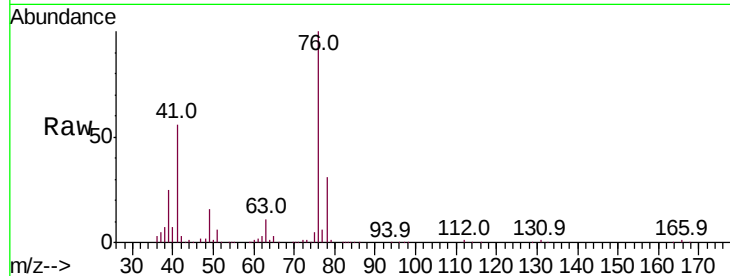
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 76 Resp: 64429

Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.6	38.4

Manual Integrations
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7/29/2019 11:53:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.004 ug/l

RT: 8.31 min Scan# 1174

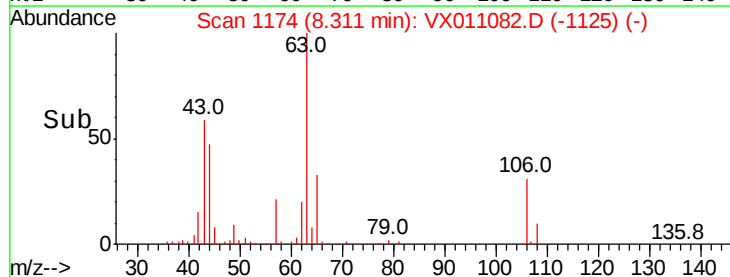
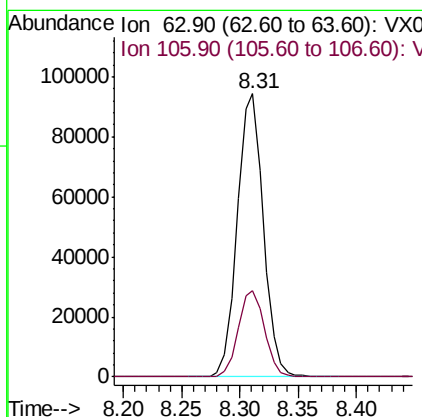
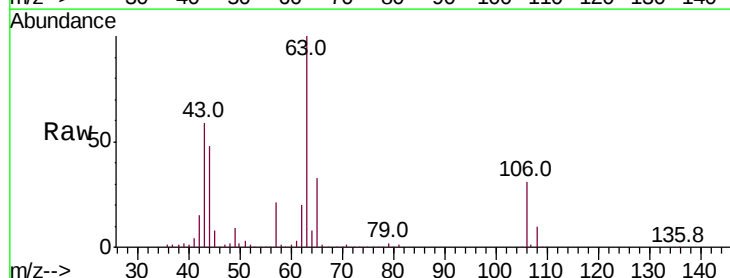
Delta R.T. -0.00 min

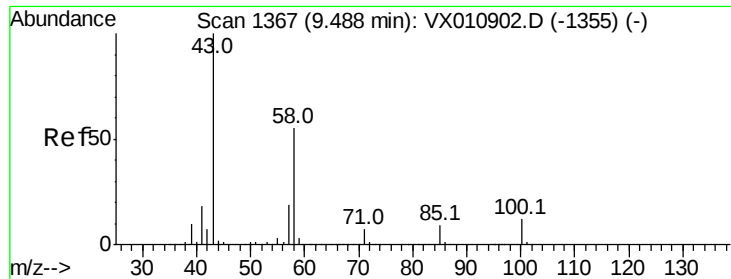
Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Tgt Ion: 63 Resp: 147485

Ion	Ratio	Lower	Upper
63	100		
106	30.9	24.0	36.0





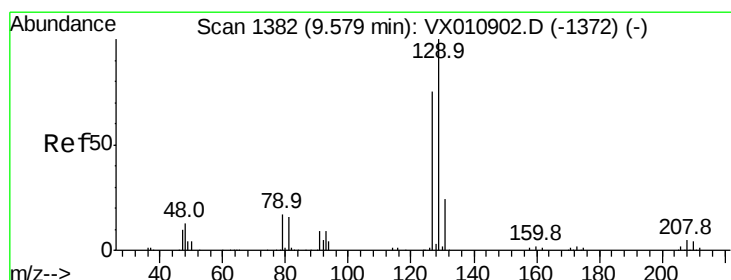
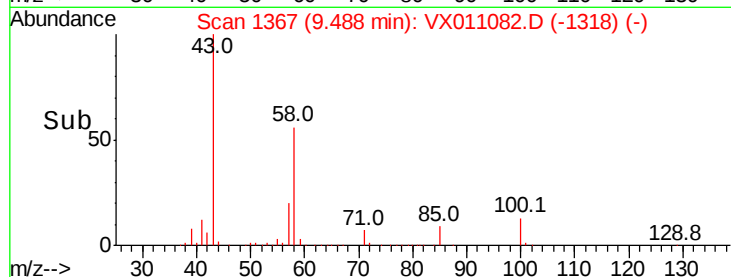
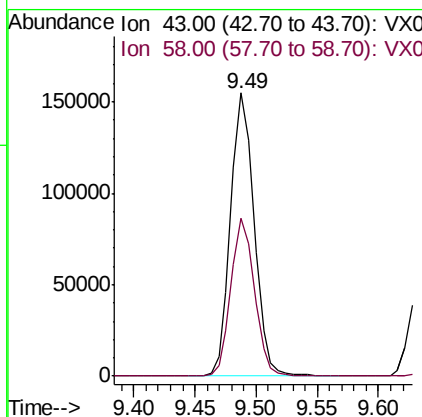
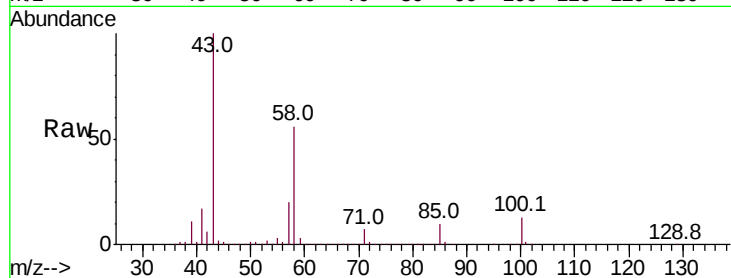
#59
2-Hexanone
Concen: 95.536 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 43 Resp: 206160
Ion Ratio Lower Upper
43 100
58 55.9 28.0 83.9

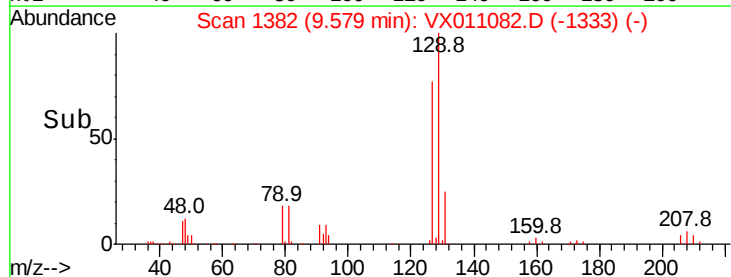
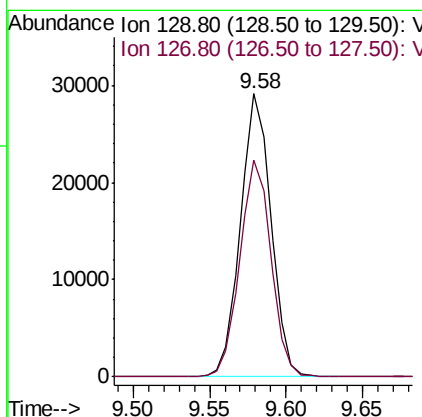
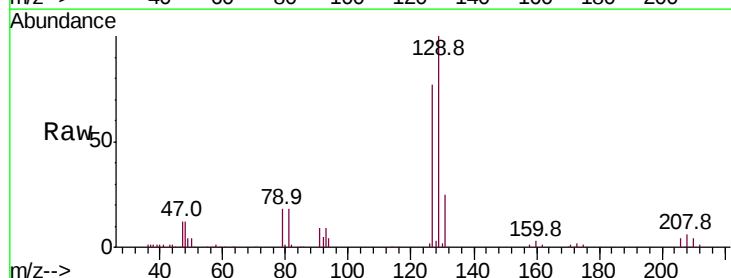
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7/29/2019 11:53:44 AM



#60
Dibromochloromethane
Concen: 18.341 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion: 129 Resp: 40486
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.096 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:107 Resp: 42803

Ion Ratio Lower Upper

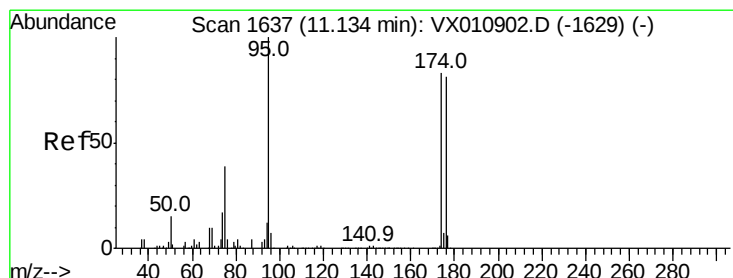
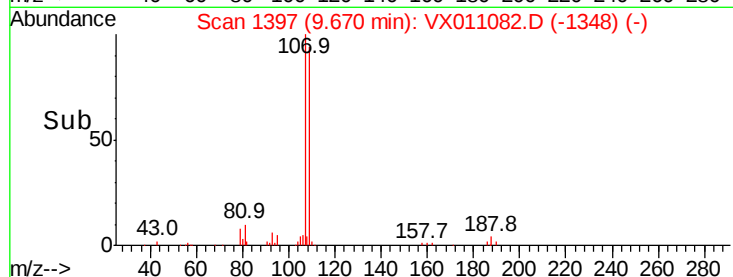
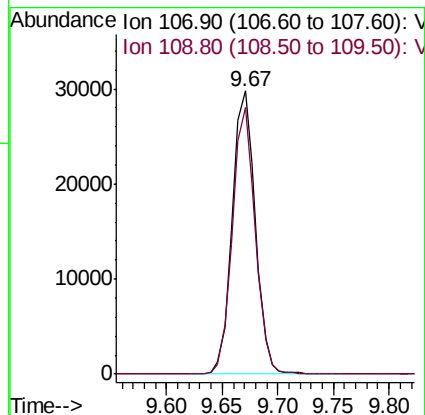
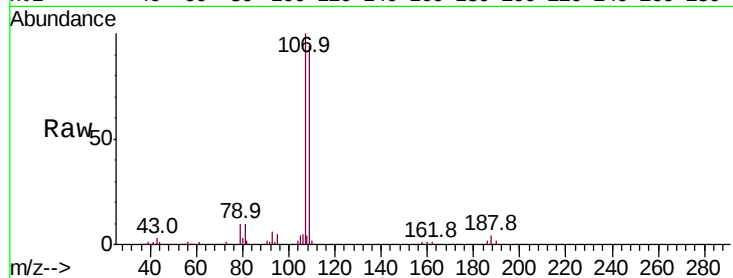
107 100

109 93.2 75.4 113.0

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 47.450 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

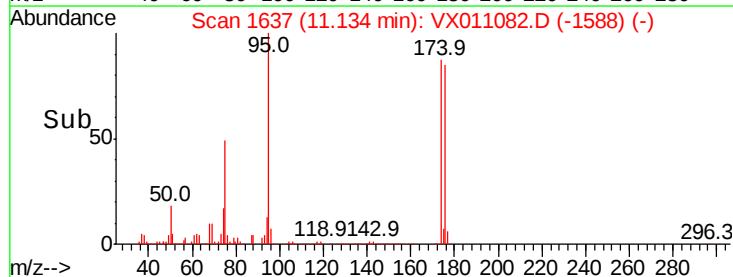
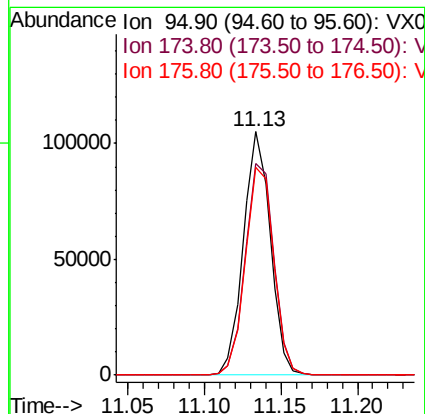
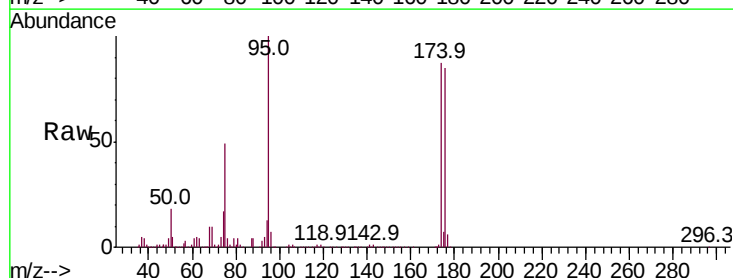
Tgt Ion: 95 Resp: 128852

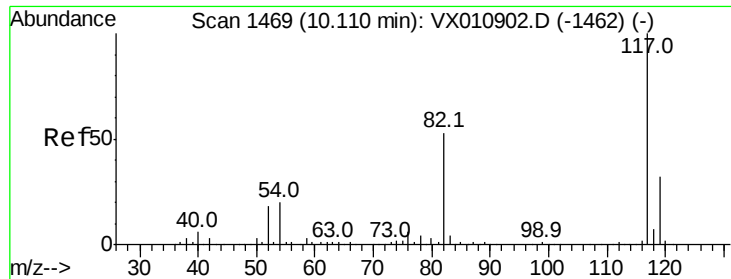
Ion Ratio Lower Upper

95 100

174 92.4 0.0 180.6

176 90.0 0.0 173.8





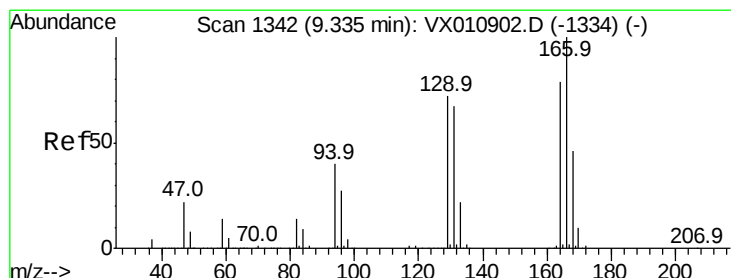
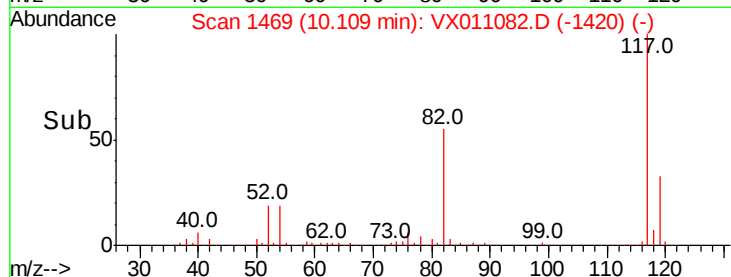
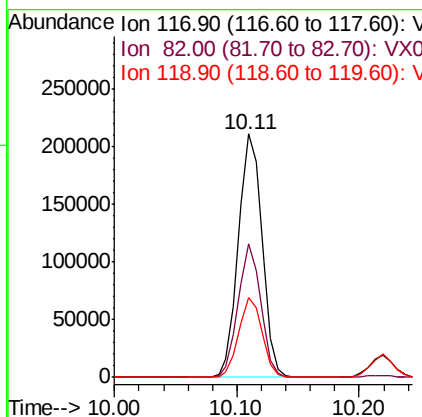
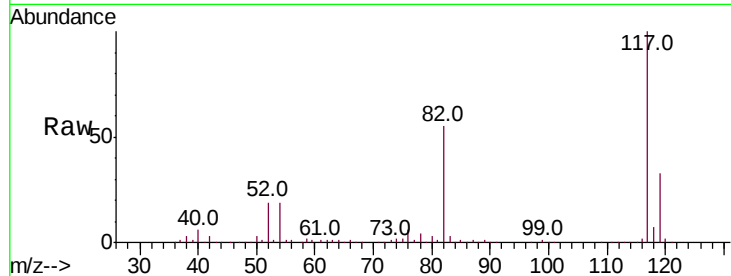
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	282974		
82	54.9		42.6	63.8
119	32.7		25.9	38.9

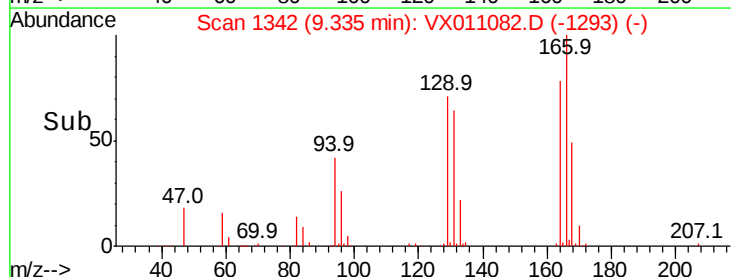
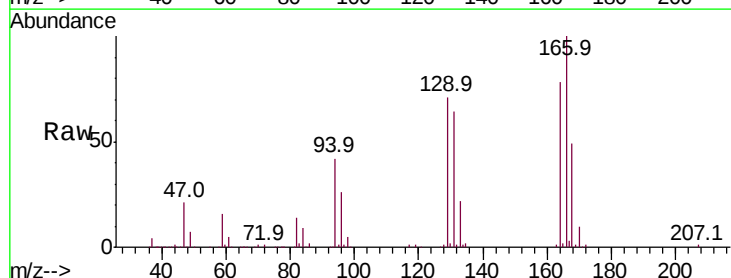
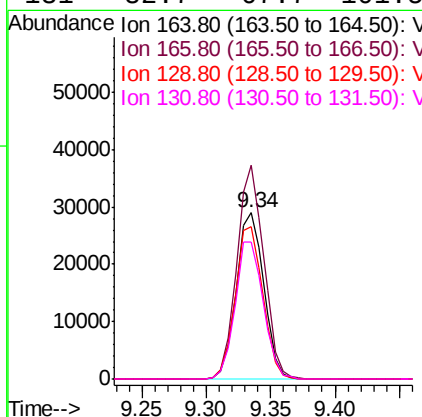
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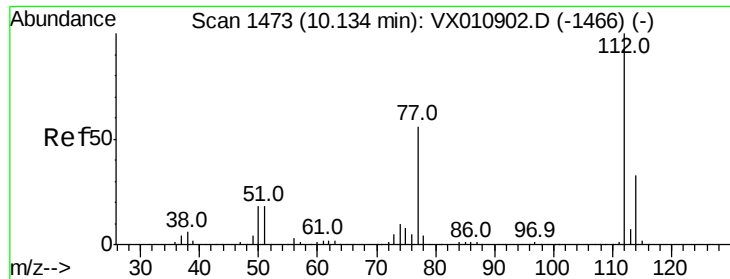
MMDadoda
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#64
Tetrachloroethene
Concen: 19.234 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42816		
166	128.6		100.8	151.2
129	91.4		72.6	109.0
131	82.7		67.7	101.5





#65

Chlorobenzene

Concen: 18.770 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0726WBS01

Tot Ion:112 Resp: 109091

Ion Ratio Lower Upper

112 100

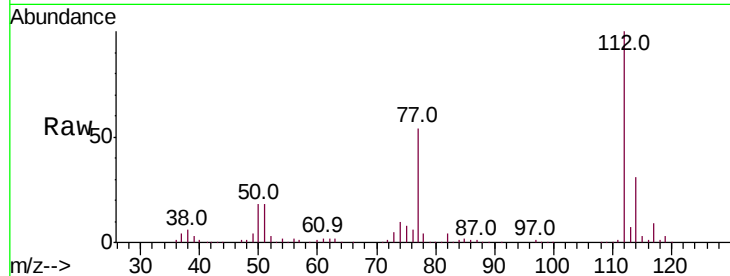
114 31.2 26.2 39.4

Manual Integrations

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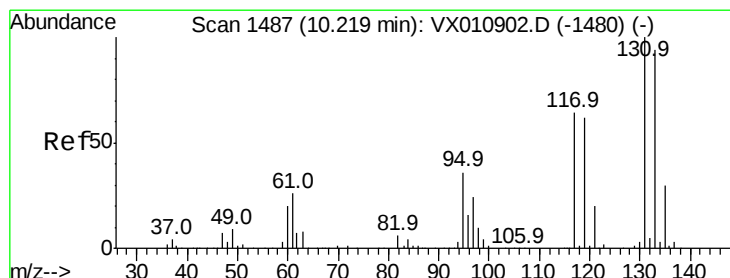
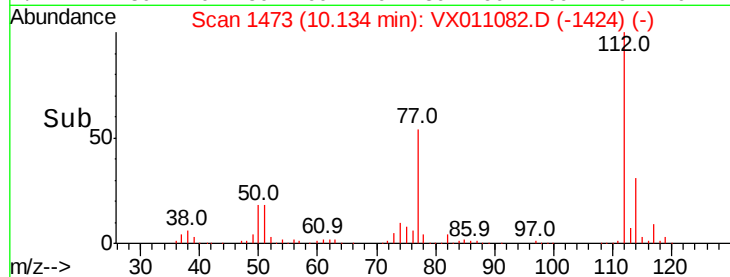
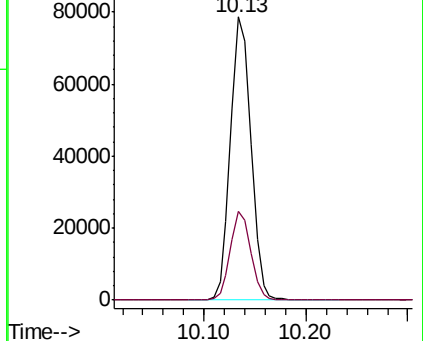
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.113 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

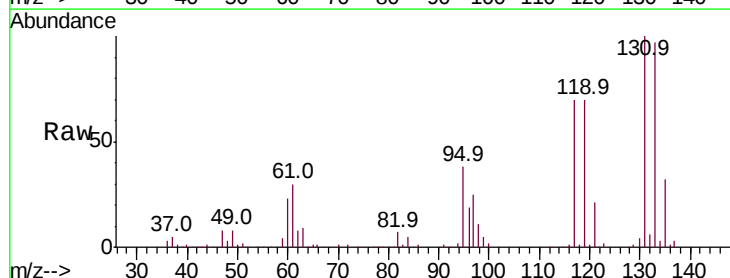
Tgt Ion:131 Resp: 39041

Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.4

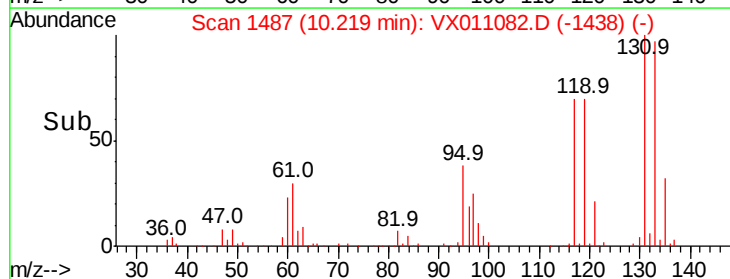
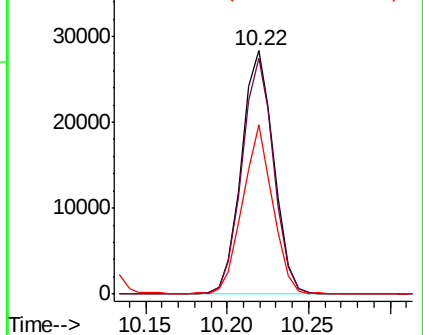
119 65.1 31.9 95.7

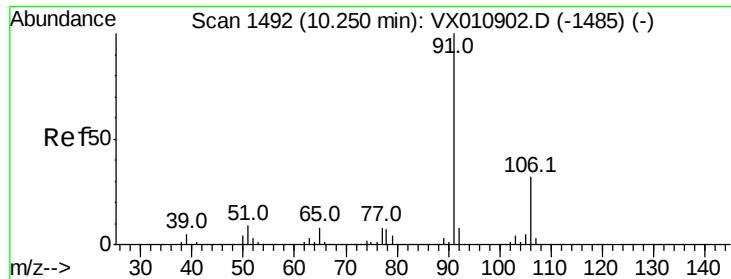


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





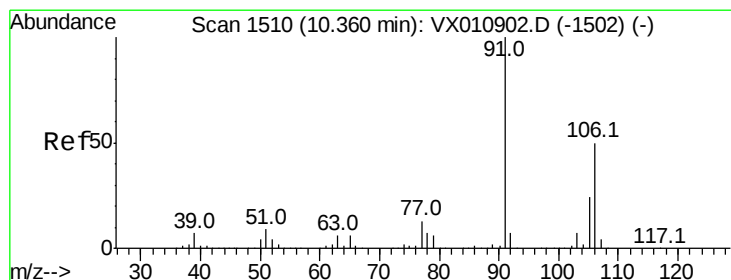
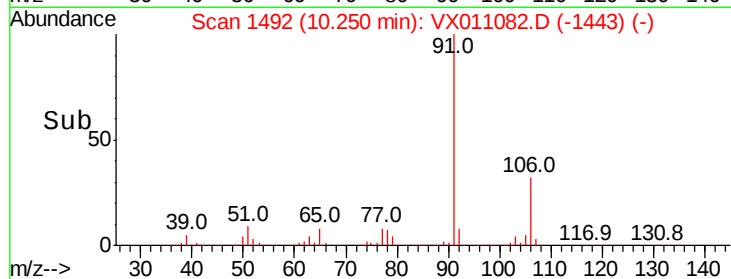
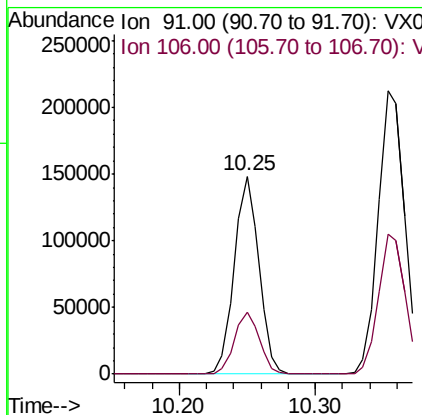
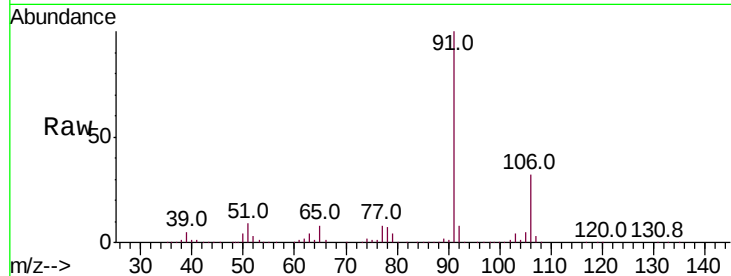
#67
Ethyl Benzene
Concen: 18.952 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 91 Resp: 187487
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

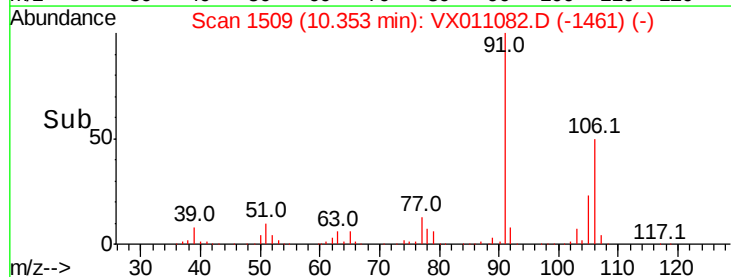
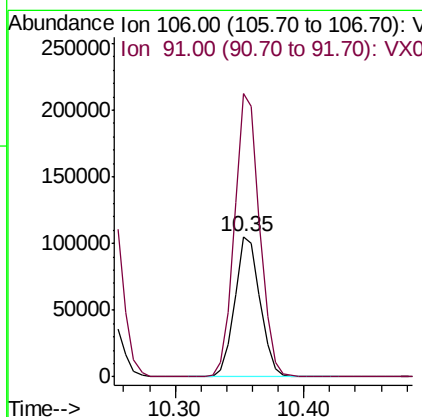
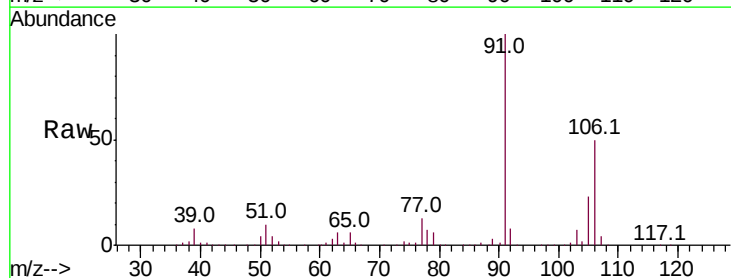
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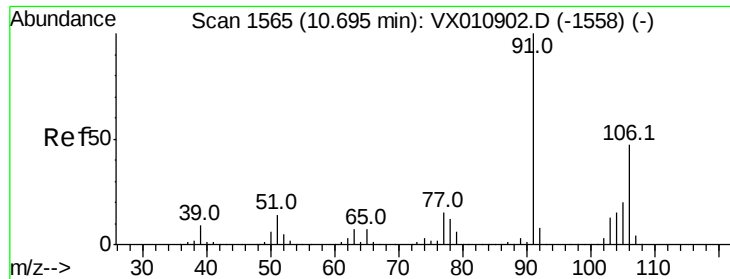
MMDadoda
7/29/2019 11:53:44 AM



#68
m/p-Xylenes
Concen: 37.923 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion: 106 Resp: 143912
Ion Ratio Lower Upper
106 100
91 199.6 160.1 240.1





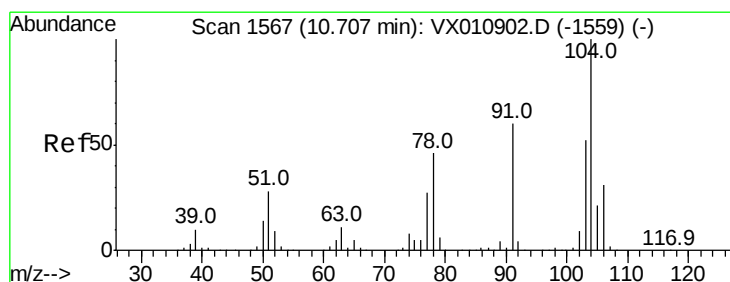
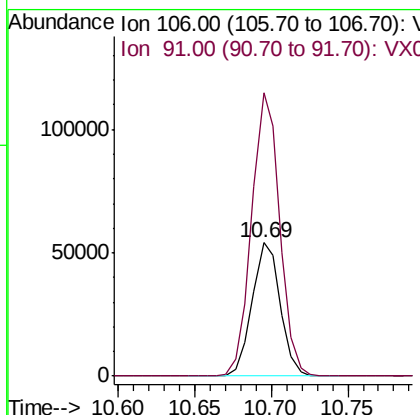
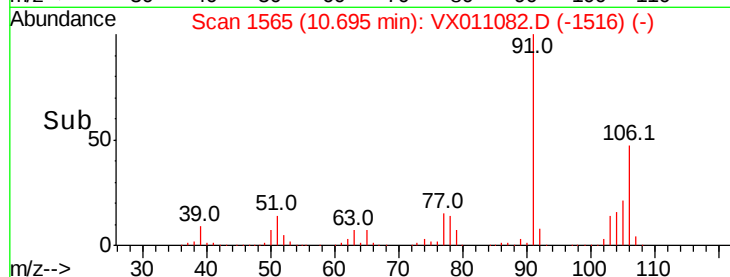
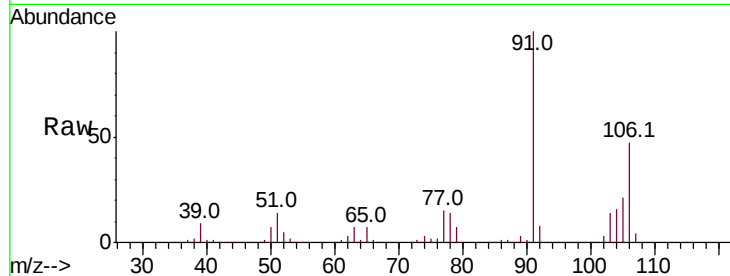
#69
o-Xylene
Concen: 18.729 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0726WBS01

Tot Ion:106 Resp: 69364
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.3

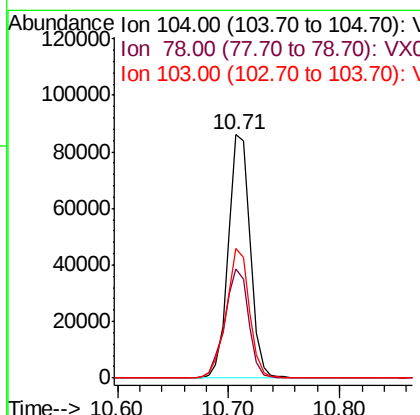
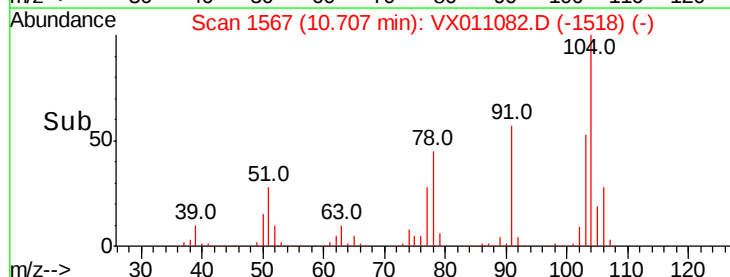
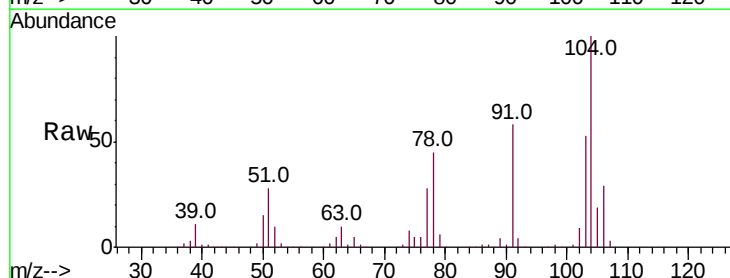
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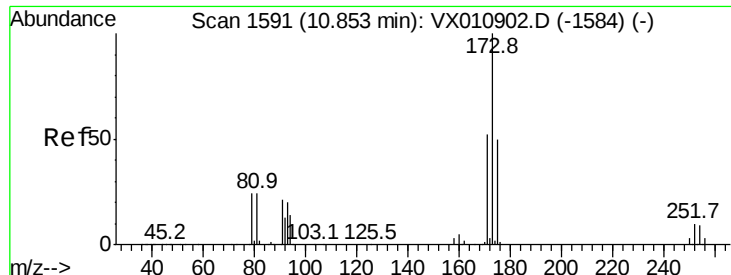
MMDadoda
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#70
Styrene
Concen: 18.967 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion:104 Resp: 117098
Ion Ratio Lower Upper
104 100
78 49.1 38.8 58.2
103 56.4 44.2 66.4





#71

Bromoform

Concen: 17.797 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:173 Resp: 29883

Ion Ratio Lower Upper

173 100

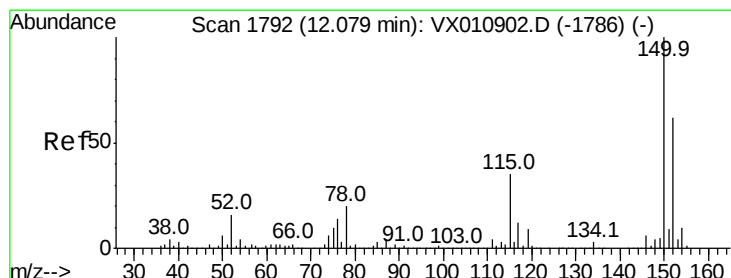
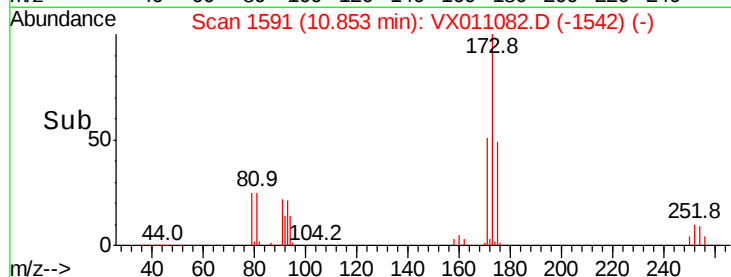
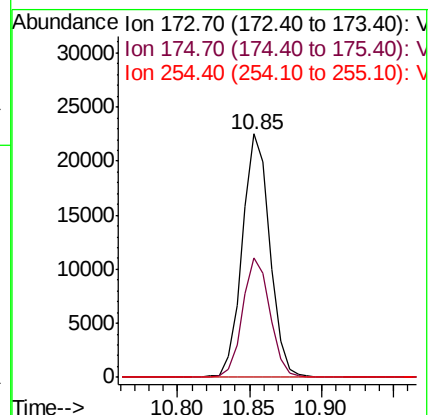
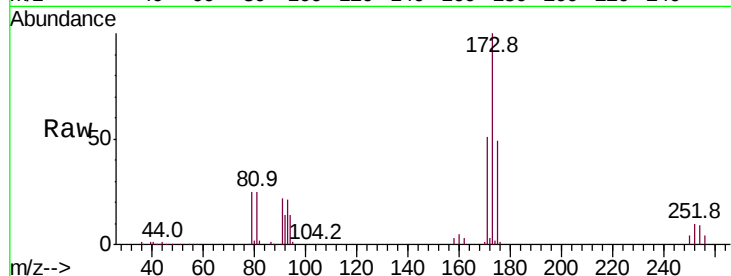
175 48.4 24.6 73.6

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

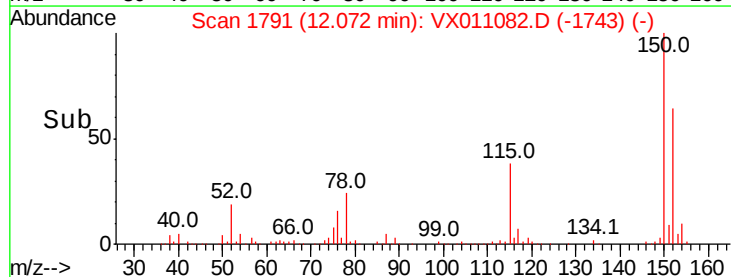
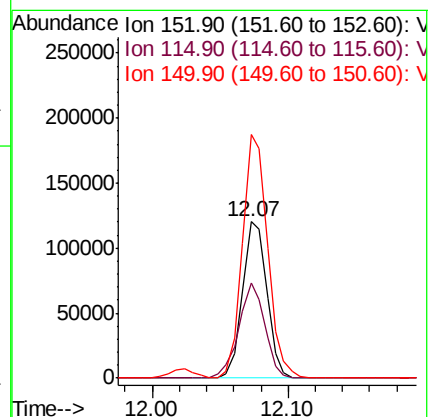
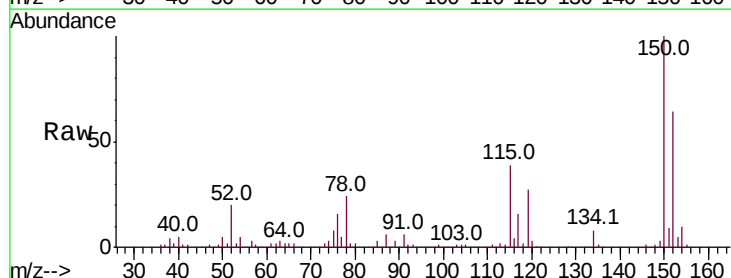
Tgt Ion:152 Resp: 150076

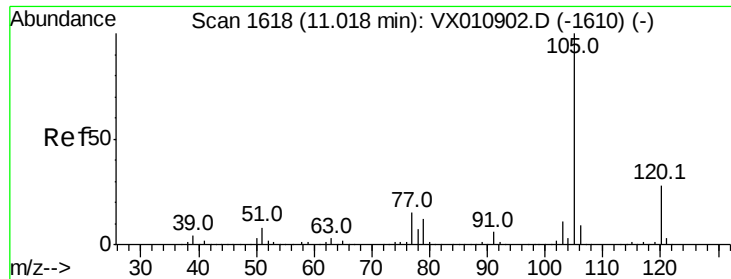
Ion Ratio Lower Upper

152 100

115 64.6 39.7 119.1

150 160.7 0.0 345.6





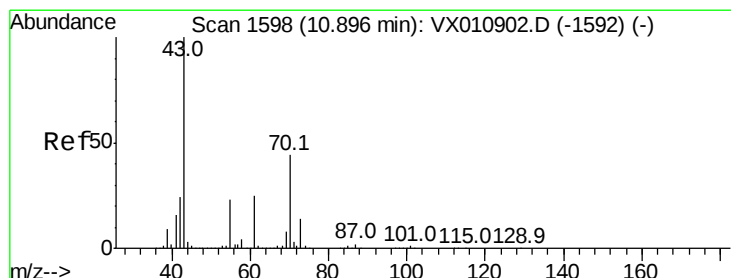
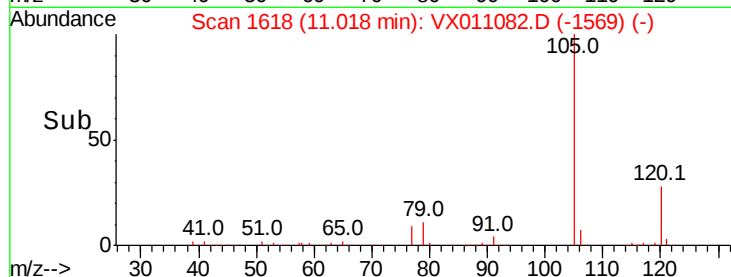
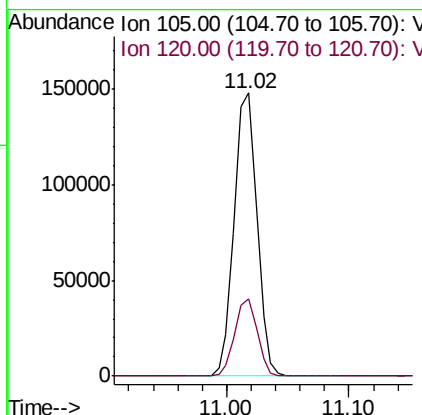
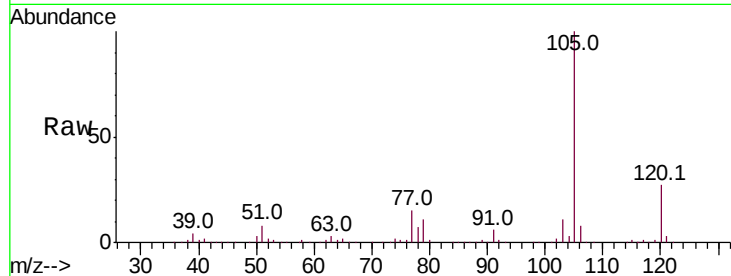
#73
Isopropylbenzene
Concen: 18.749 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion:105 Resp: 190127
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.1

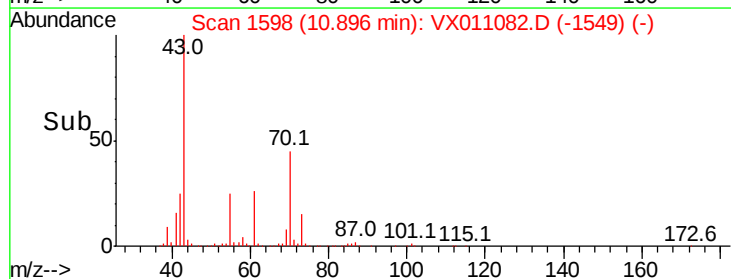
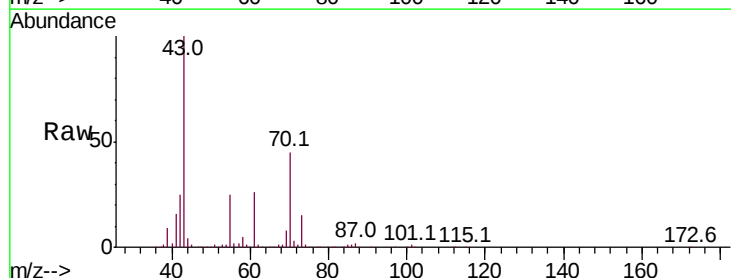
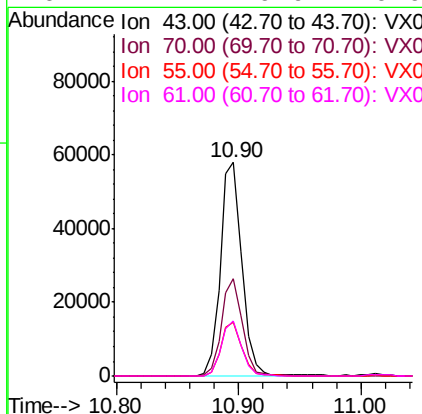
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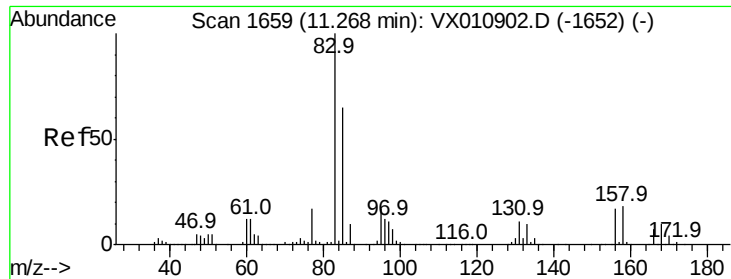
MMDadoda
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#74
N-ethyl acetate
Concen: 18.327 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion: 43 Resp: 71011
Ion Ratio Lower Upper
43 100
70 44.0 34.7 52.1
55 25.1 19.1 28.7
61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.874 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

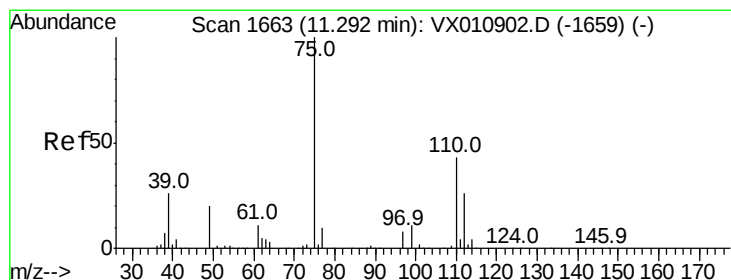
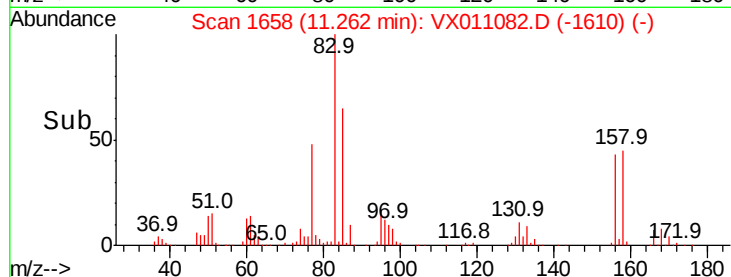
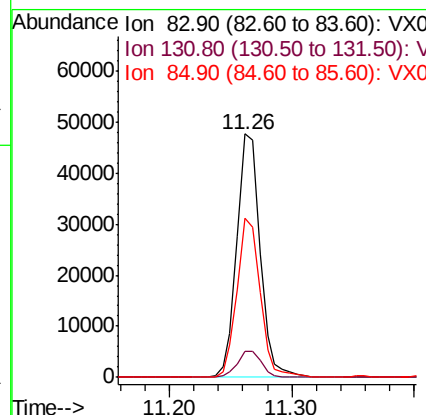
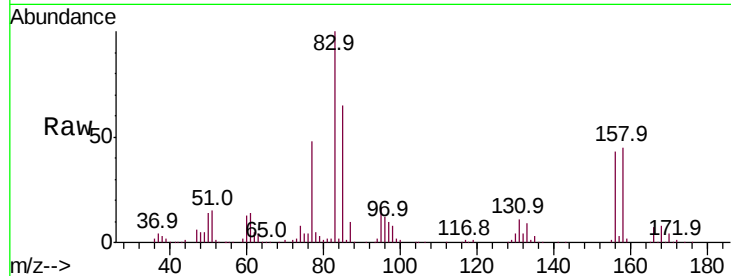
ClientSampleId :

VX0726WBS01

Tot Ion:	83	Resp:	62636
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.5	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 19.669 ug/l m

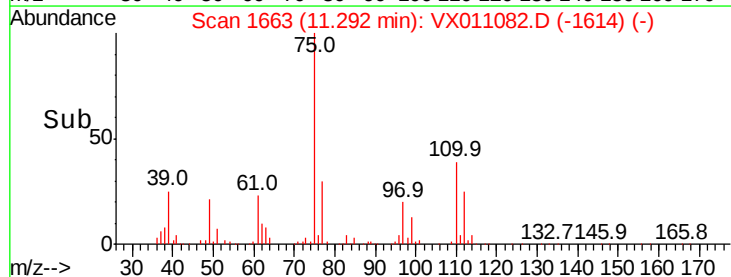
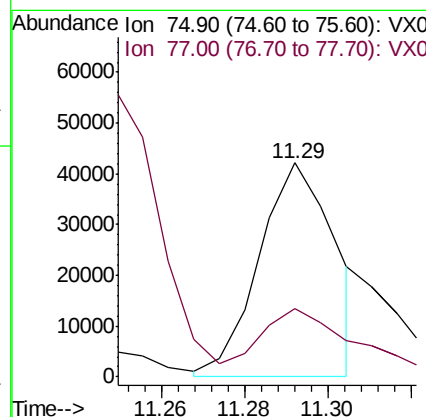
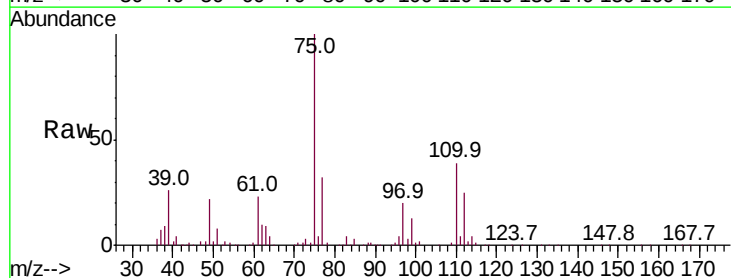
RT: 11.29 min Scan# 1663

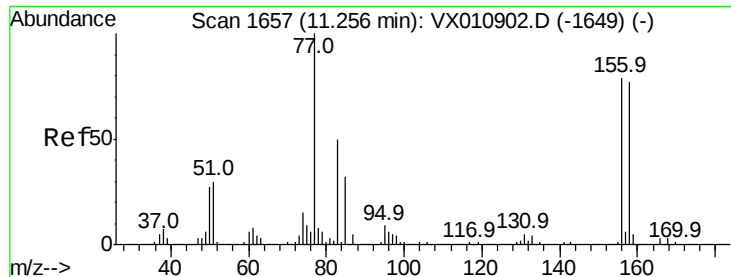
Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Tgt Ion:	75	Resp:	53268
Ion	Ratio	Lower	Upper
75	100		
77	40.9	21.3	64.0





#77

Bromobenzene

Concen: 18.130 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

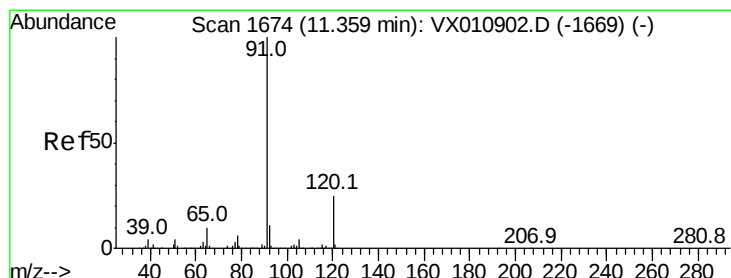
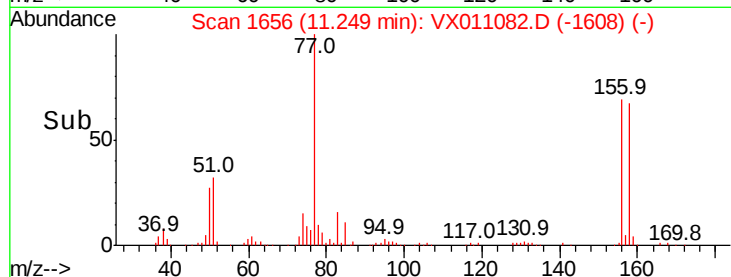
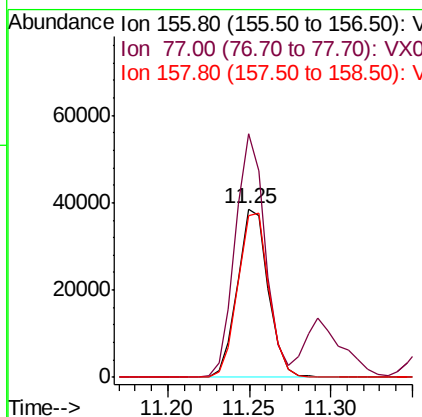
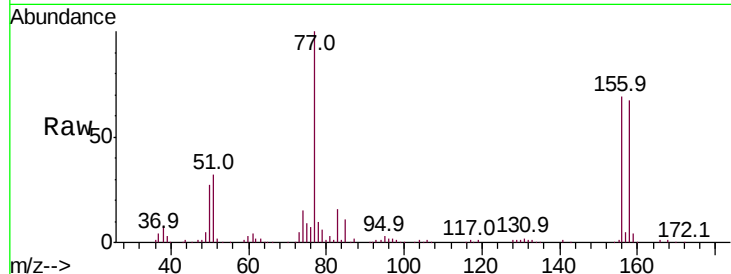
ClientSampleId :

VX0726WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.0	68.7	206.1
158	99.0	47.9	143.7

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#78

n-propylbenzene

Concen: 18.569 ug/l

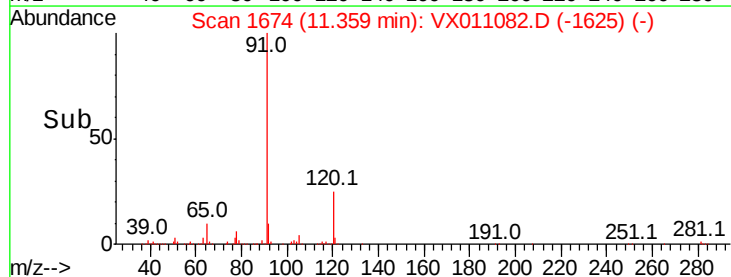
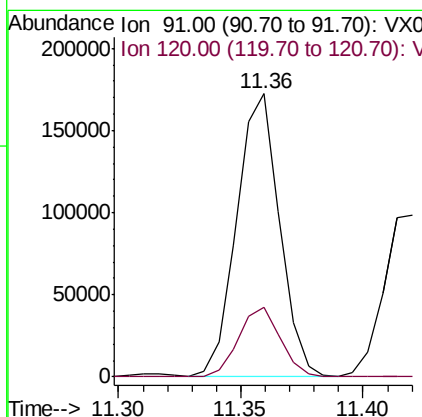
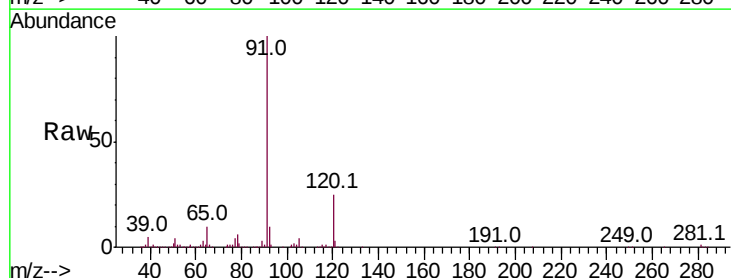
RT: 11.36 min Scan# 1674

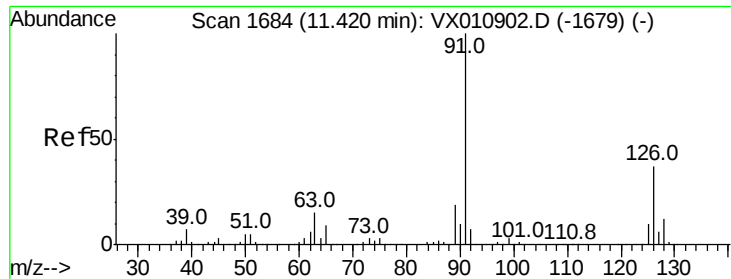
Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.3	36.8





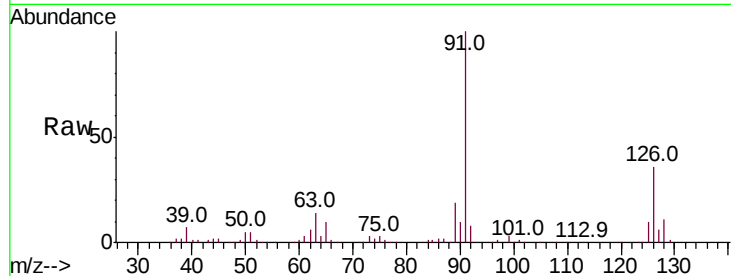
#79
 2-Chlorotoluene
 Concen: 18.854 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

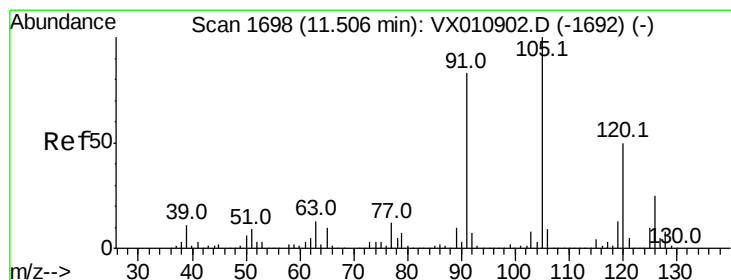
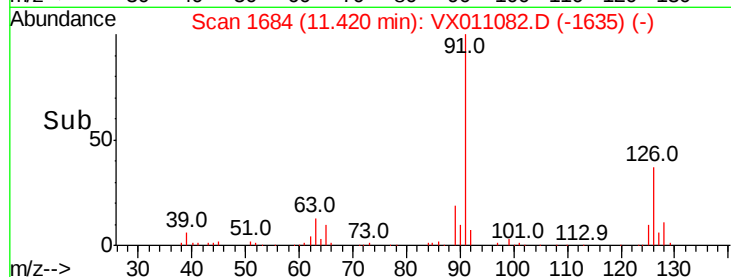
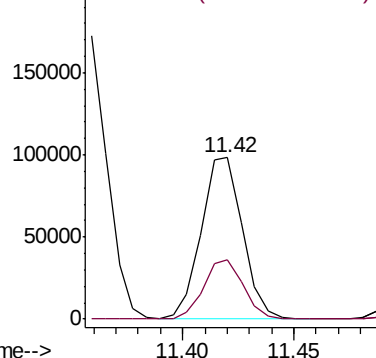
Tot Ion: 91 Resp: 126903
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.0 54.0

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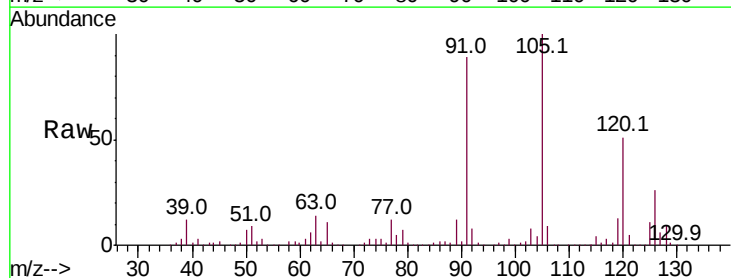


Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

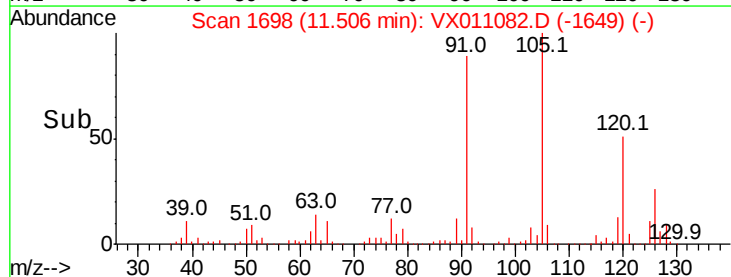
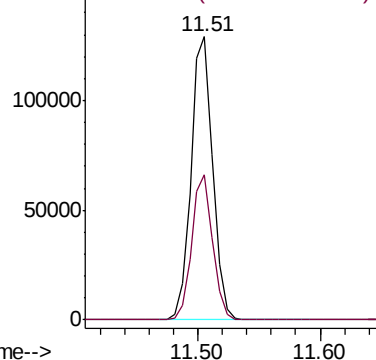


#80
 1,3,5-Trimethylbenzene
 Concen: 18.682 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion: 105 Resp: 158303
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.554 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 75 Resp: 15765

Ion Ratio Lower Upper

75 100

53 107.0 76.7 115.1

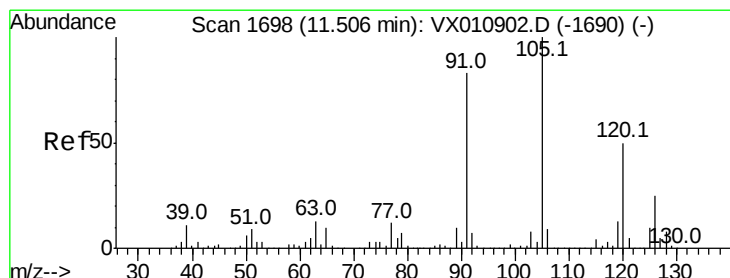
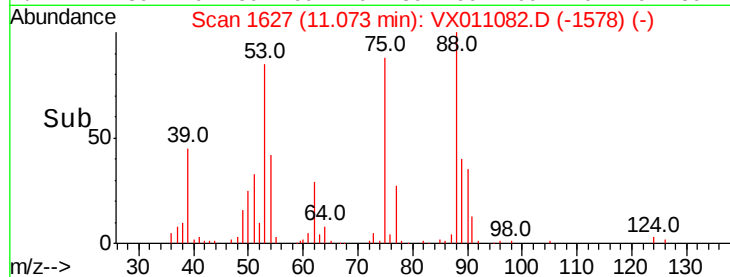
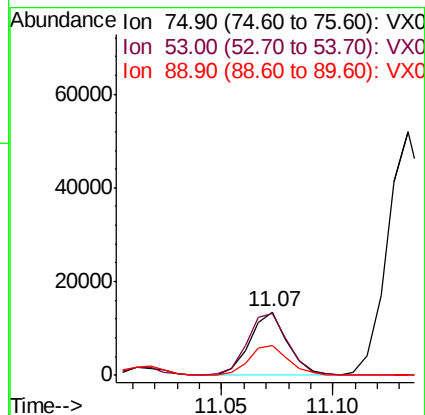
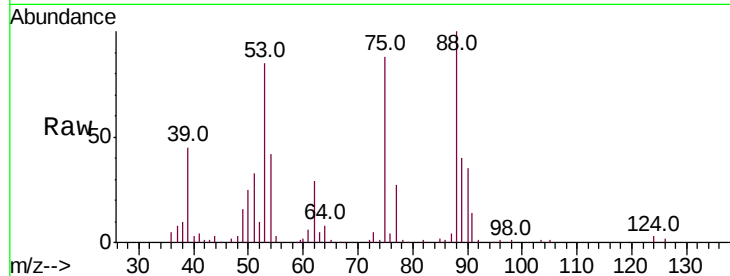
89 49.8 38.5 57.7

Manual Integrations

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#82

4-Chlorotoluene

Concen: 18.825 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011082.D

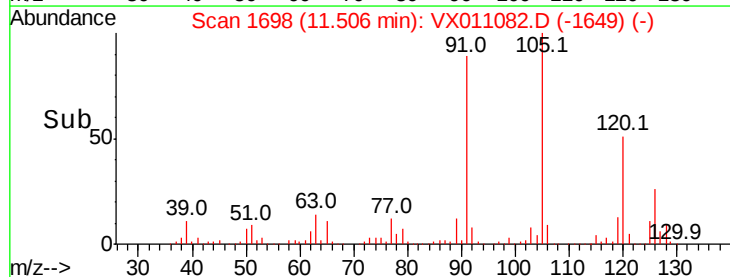
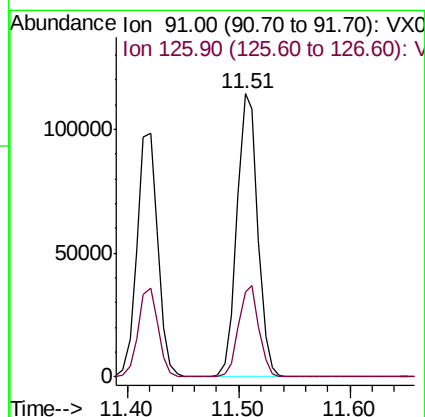
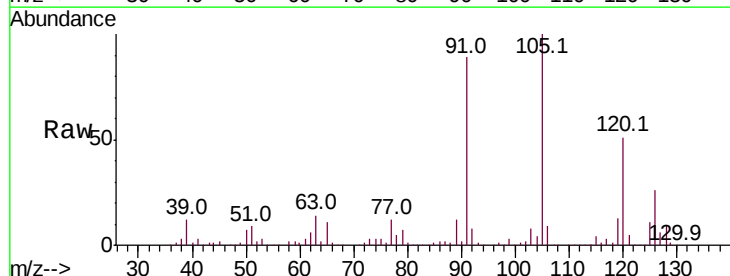
Acq: 26 Jul 2019 11:55

Tgt Ion: 91 Resp: 147474

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7





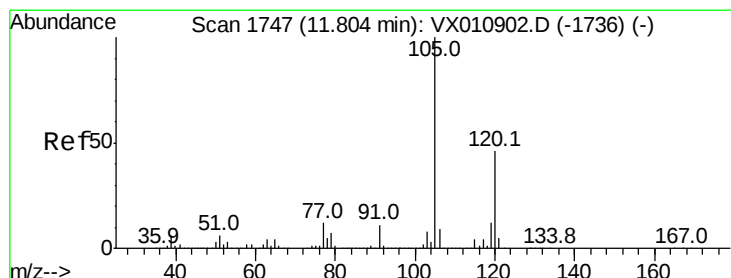
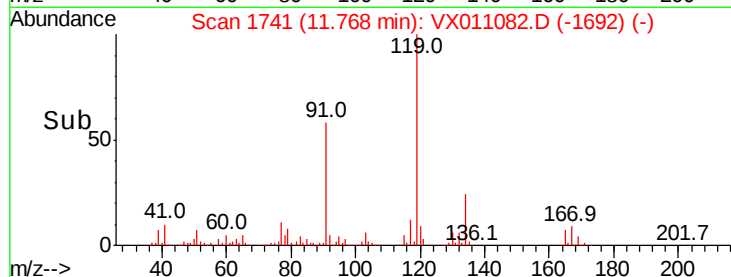
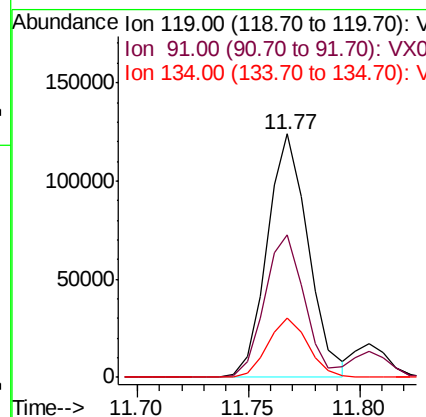
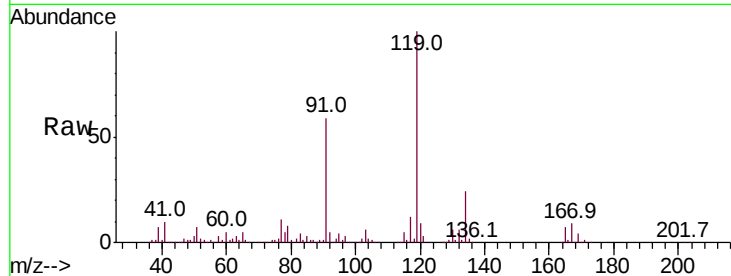
#83
tert-Butylbenzene
Concen: 19.052 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	158571		
91	57.7	28.6	85.8	
134	23.7	11.6	34.8	

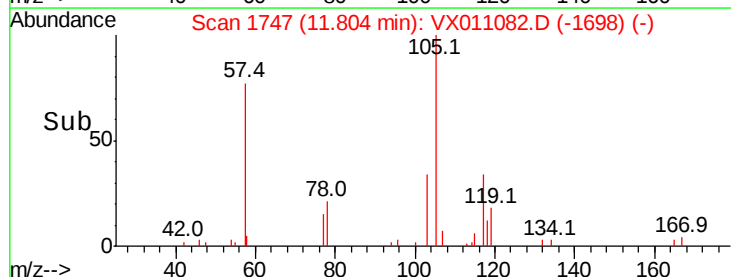
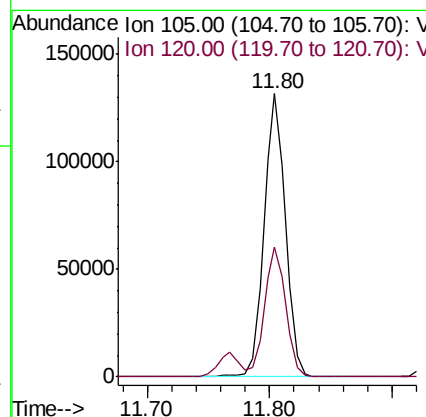
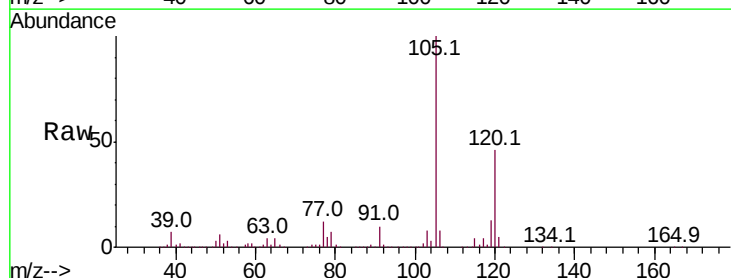
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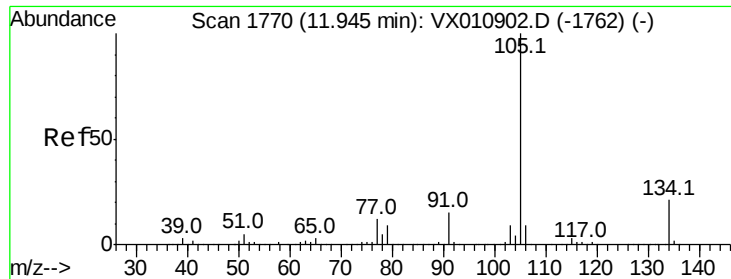
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#84
1,2,4-Trimethylbenzene
Concen: 18.820 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160731		
120	45.5	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.108 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:105 Resp: 186346

Ion Ratio Lower Upper

105 100

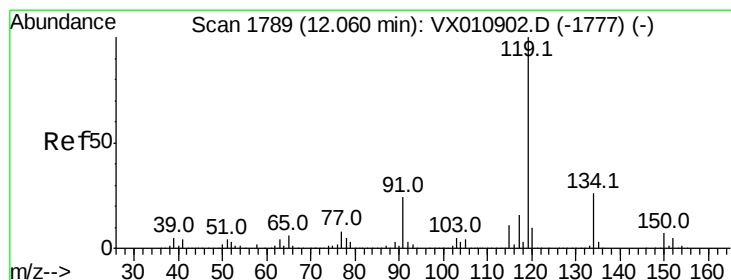
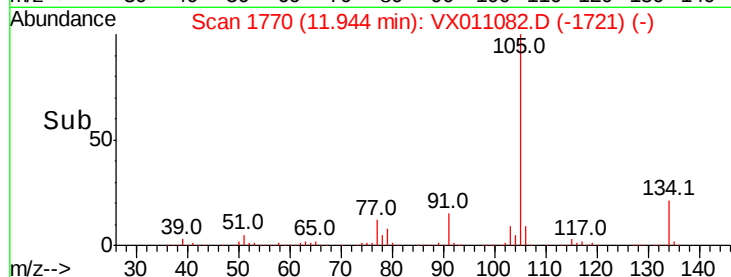
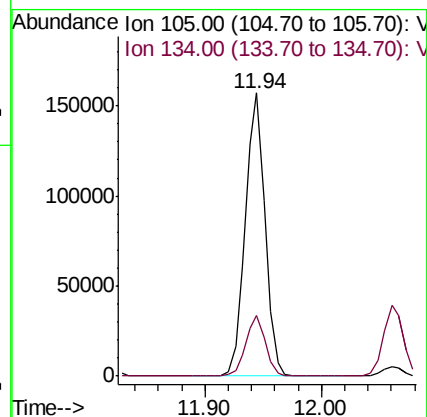
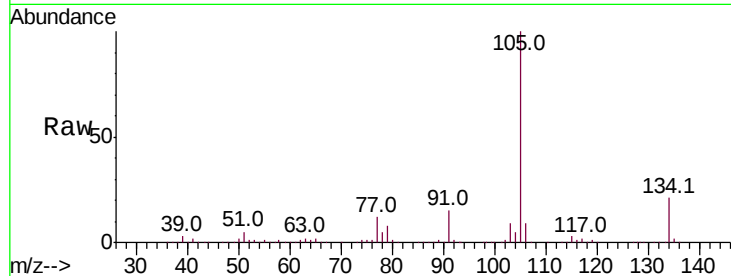
134 20.9 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.030 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011082.D

Acq: 26 Jul 2019 11:55

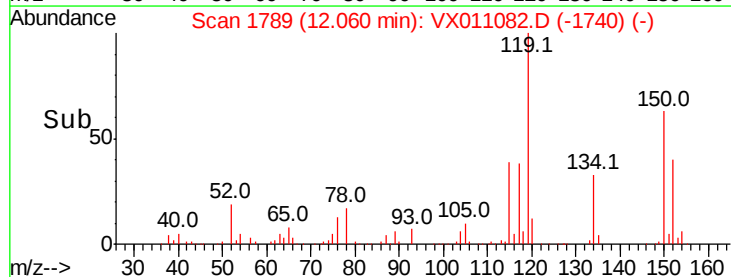
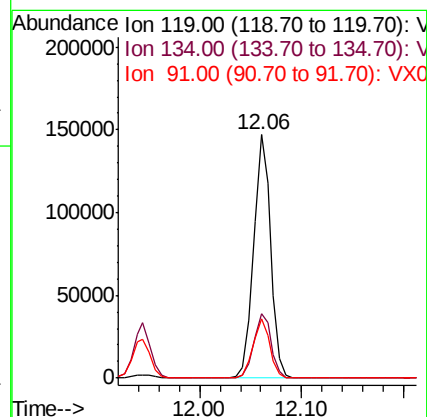
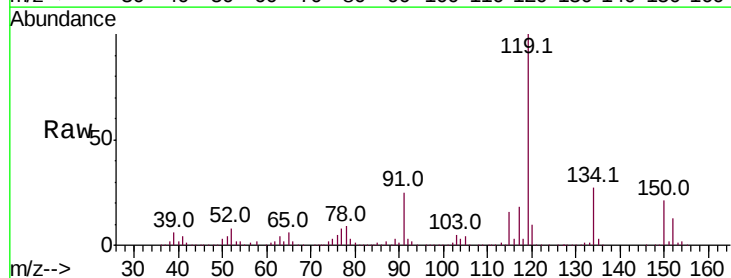
Tgt Ion:119 Resp: 171577

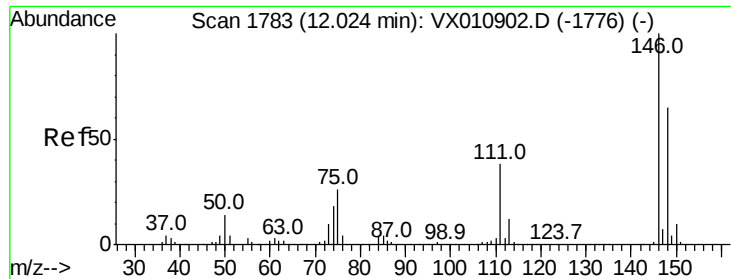
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 24.0 11.8 35.4





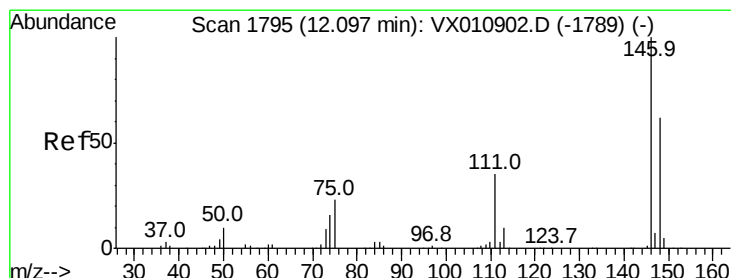
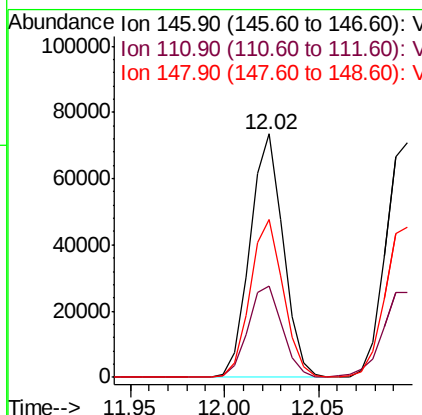
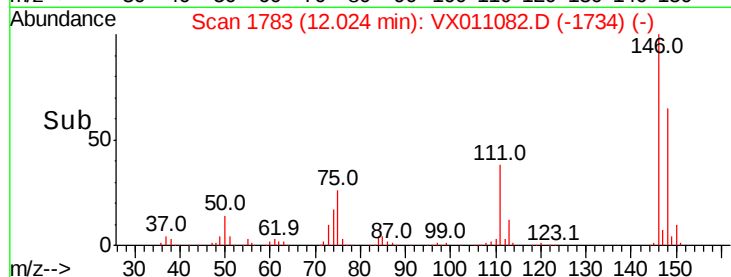
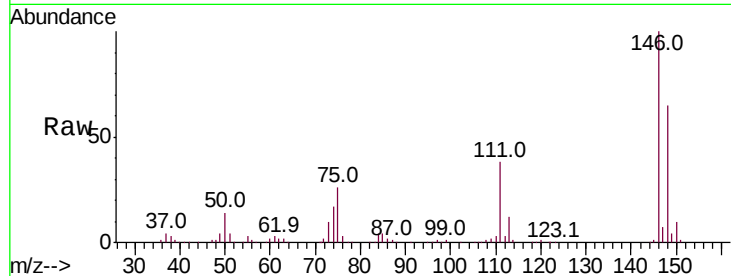
#87
 1,3-Dichlorobenzene
 Concen: 18.513 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.7	32.2	96.6

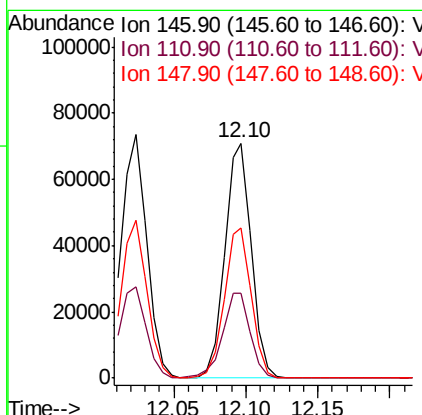
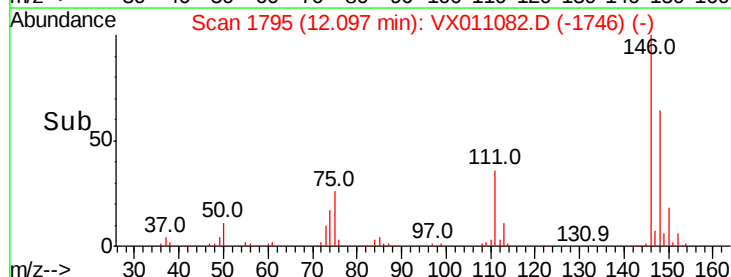
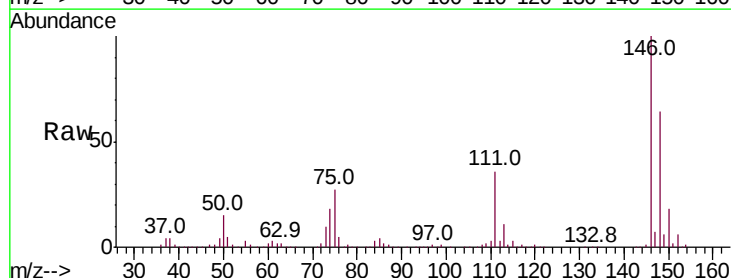
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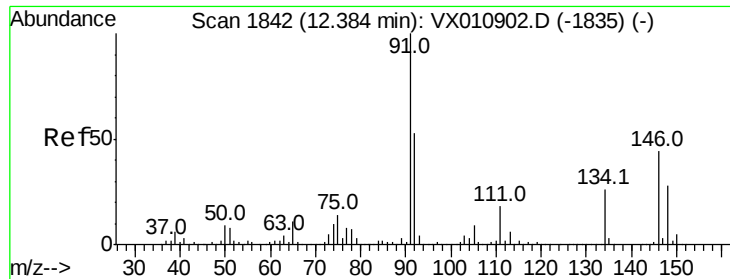
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#88
 1,4-Dichlorobenzene
 Concen: 18.363 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	65.1	31.6	94.7





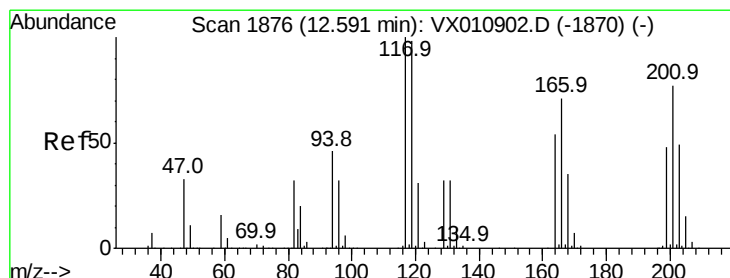
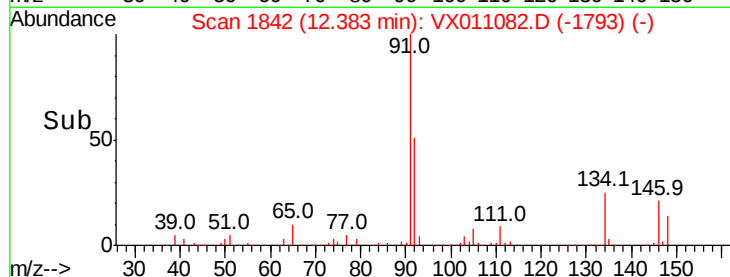
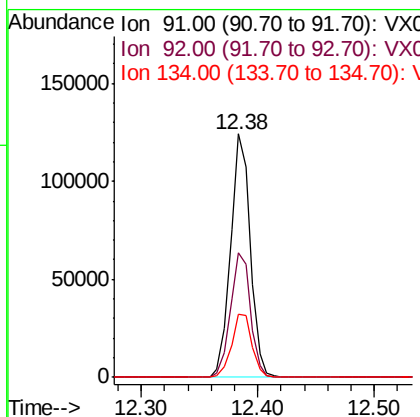
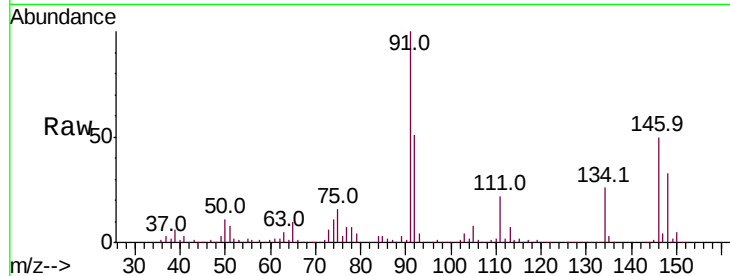
#89
n-Butylbenzene
Concen: 18.975 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	26.7	13.8	41.3

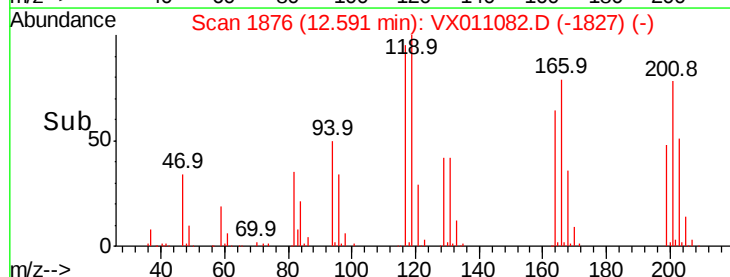
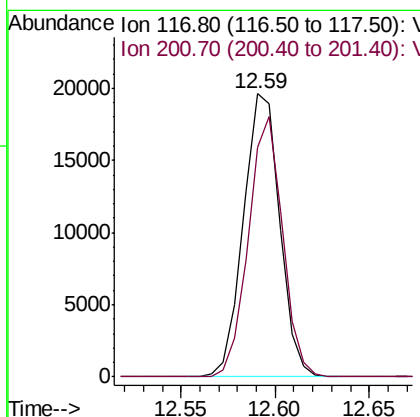
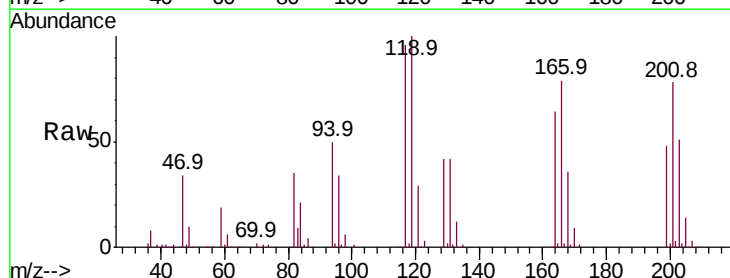
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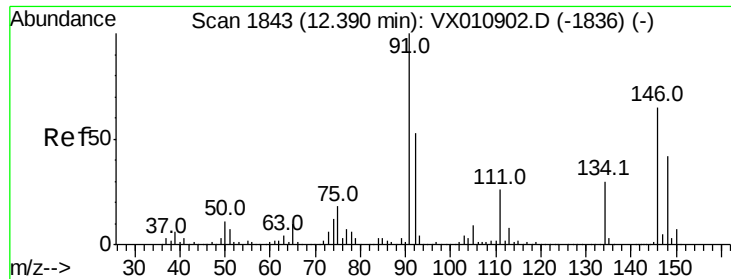
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#90
Hexachloroethane
Concen: 18.415 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	43.3	129.8





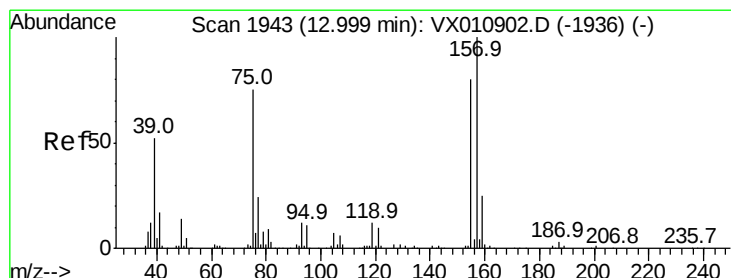
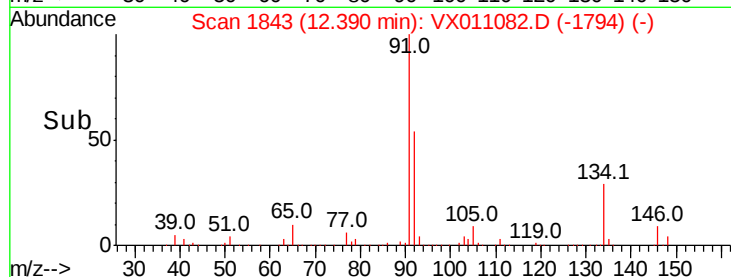
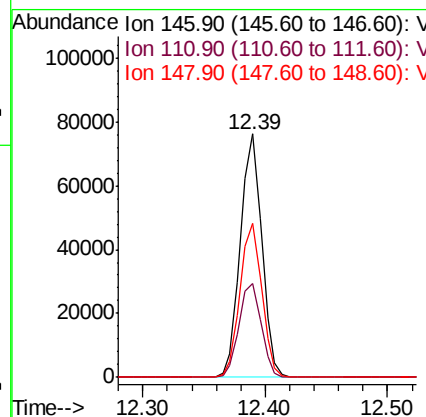
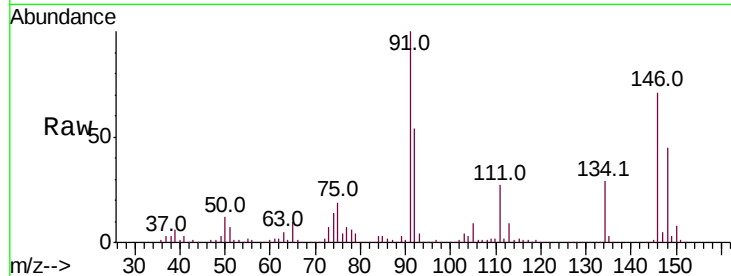
#91
 1,2-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	64.2	32.0	96.2

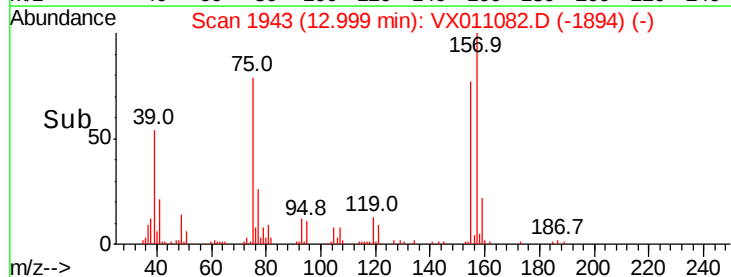
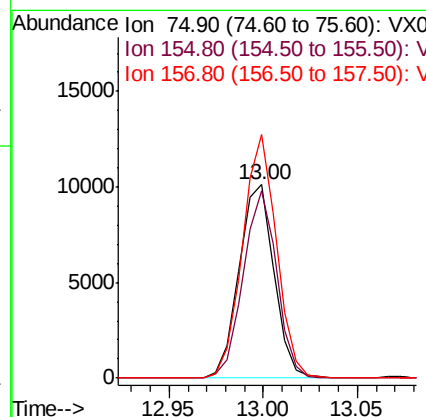
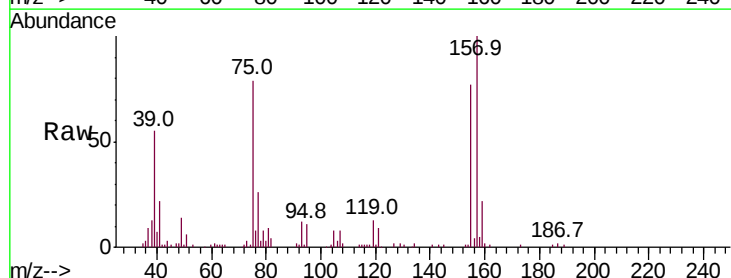
Manual Integrations
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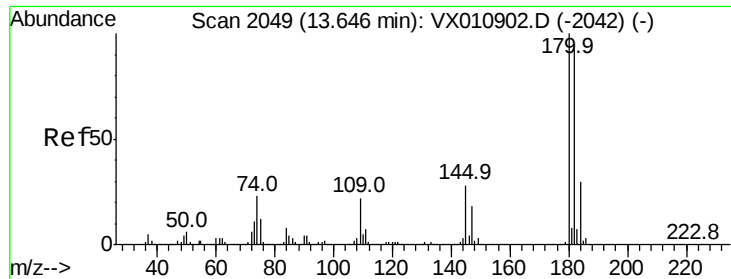
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.833 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	48.7	146.1
157	121.0	62.5	187.6





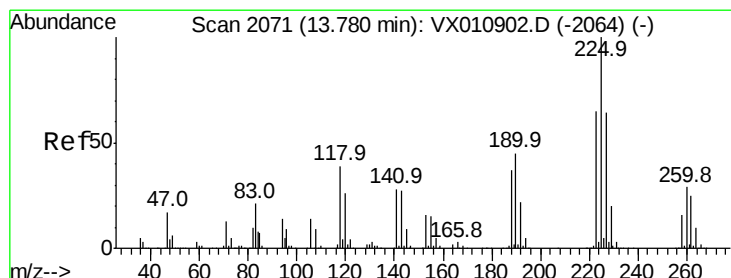
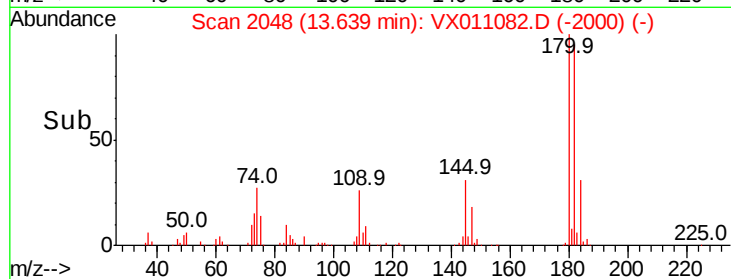
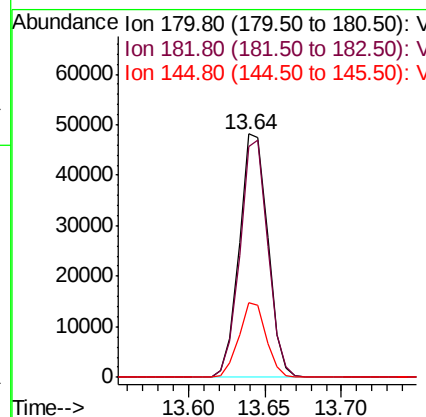
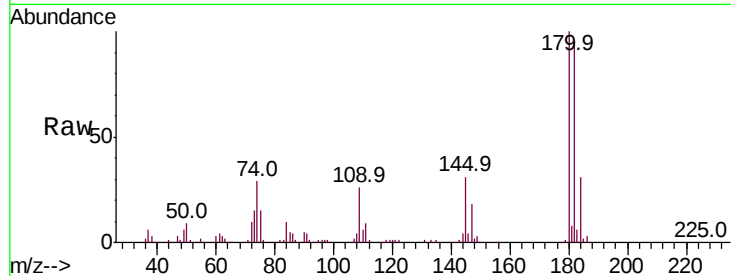
#93
 1,2,4-Trichlorobenzene
 Concen: 19.108 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	62298		
182	95.6	47.1	141.3	
145	29.7	14.8	44.4	

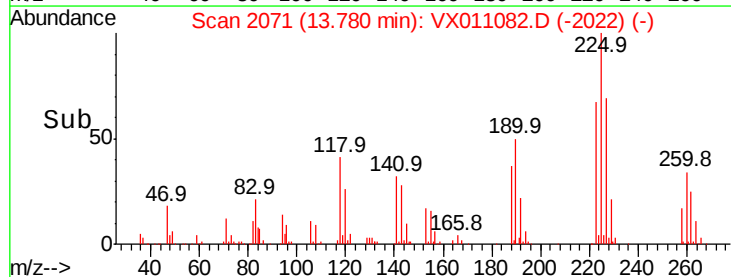
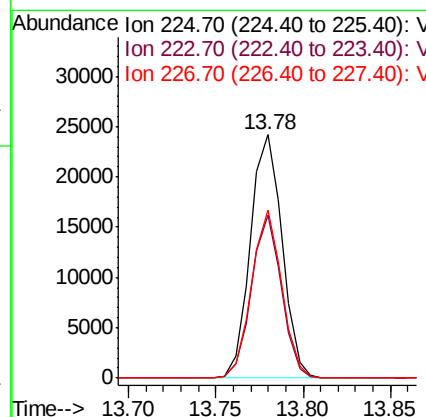
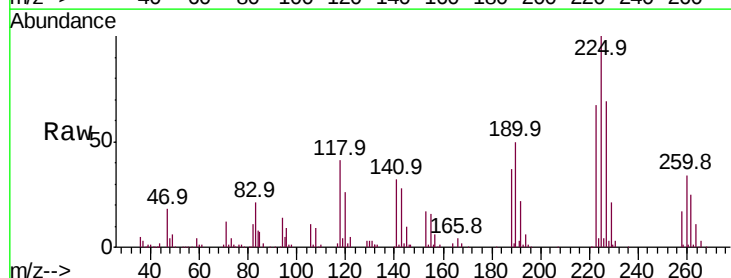
Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:44 AM



#94
 Hexachlorobutadiene
 Concen: 18.871 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011082.D
 Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30490		
223	63.1	31.9	95.9	
227	65.4	32.5	97.4	





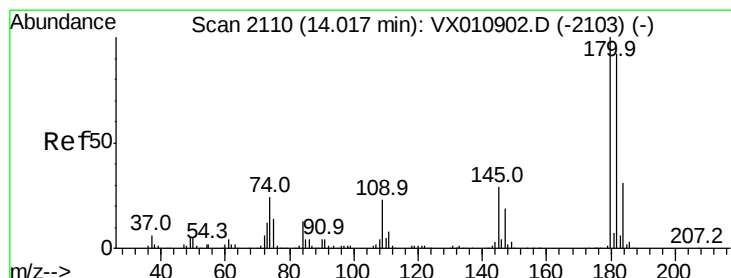
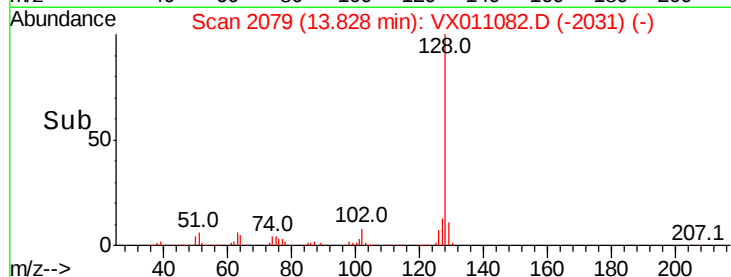
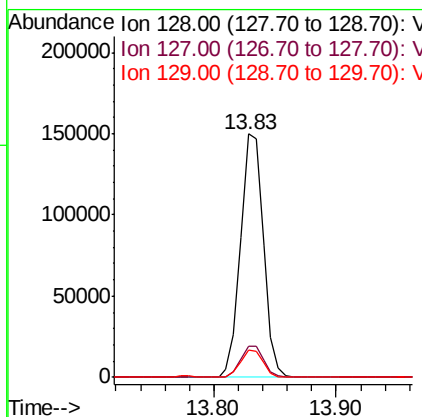
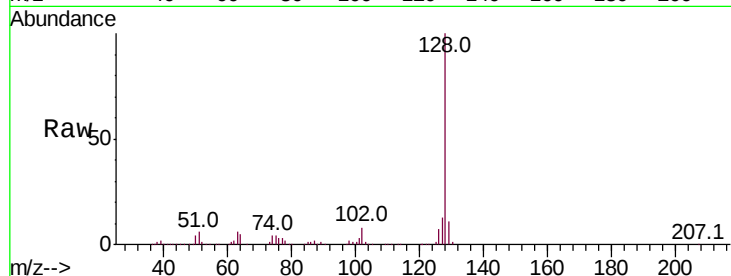
#95
Naphthalene
Concen: 20.080 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	193325		
127	13.0		10.4	15.6
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.660 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011082.D
Acq: 26 Jul 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	63777		
182	97.0		47.4	142.3
145	30.8		15.1	45.3

