

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010095.D
 Acq On : 05 Jun 2019 23:28
 Operator : JC/SP
 Sample : VX0605WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 10:12:01 AM

Quant Time: Jun 06 07:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109364	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.50	113	81752	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	327987	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	117811	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	42149	21.387	ug/l 99
3) Chloromethane	1.32	50	47948	18.097	ug/l 99
4) Vinyl Chloride	1.41	62	44048	18.443	ug/l 99
5) Bromomethane	1.64	94	27103	18.730	ug/l 100
6) Chloroethane	1.72	64	27745	18.871	ug/l 97
7) Trichlorofluoromethane	1.93	101	52070	19.729	ug/l 97
8) Diethyl Ether	2.19	74	22477	18.123	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31125	19.533	ug/l 99
10) Methyl Iodide	2.51	142	30106	18.494	ug/l 98
11) Tert butyl alcohol	3.05	59	59655	106.402	ug/l 98
12) 1,1-Dichloroethene	2.37	96	31610	19.353	ug/l 98
13) Acrolein	2.29	56	27833	85.222	ug/l 99
14) Allyl chloride	2.73	41	72798	18.338	ug/l 98
15) Acrylonitrile	3.14	53	127234	94.185	ug/l 100
16) Acetone	2.45	43	113592	86.298	ug/l 99
17) Carbon Disulfide	2.57	76	94677	19.381	ug/l 99
18) Methyl Acetate	2.78	43	58450	19.084	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	119142	19.321	ug/l 97
20) Methylene Chloride	2.85	84	37946	18.825	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	33790	18.593	ug/l 97
22) Diisopropyl ether	3.85	45	144971	19.193	ug/l 98
23) Vinyl Acetate	3.82	43	630550	92.927	ug/l 100
24) 1,1-Dichloroethane	3.70	63	70338	19.216	ug/l 99
25) 2-Butanone	4.68	43	188642	91.987	ug/l 98
26) 2,2-Dichloropropane	4.59	77	41697	15.059	ug/l 97
27) cis-1,2-Dichloroethene	4.60	96	39373	18.769	ug/l 96
28) Bromochloromethane	5.02	49	31416	16.539	ug/l 97
29) Tetrahydrofuran	5.13	42	124900	94.977	ug/l 98
30) Chloroform	5.21	83	63950	19.372	ug/l 97
31) Cyclohexane	5.58	56	69056	19.919	ug/l 94
32) 1,1,1-Trichloroethane	5.50	97	53556	19.921	ug/l 100
36) 1,1-Dichloropropene	5.80	75	50181	19.351	ug/l 100
37) Ethyl Acetate	4.84	43	70222	19.435	ug/l 99
38) Carbon Tetrachloride	5.79	117	44247	19.746	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60661	19.721	ug/l	97
40) Benzene	6.14	78	153575	19.964	ug/l	99
41) Methacrylonitrile	5.04	41	40265	19.071	ug/l	97
42) 1,2-Dichloroethane	6.20	62	55595	19.549	ug/l	99
43) Isopropyl Acetate	6.45	43	110012	18.870	ug/l	99
44) Trichloroethene	7.21	130	36680	19.631	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42620	19.247	ug/l	95
46) Dibromomethane	7.66	93	24237	18.594	ug/l	96
47) Bromodichloromethane	7.90	83	48021	19.374	ug/l	100
48) Methyl methacrylate	7.77	41	55789	19.330	ug/l	99
49) 1,4-Dioxane	7.74	88	21644	403.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	370406	97.667	ug/l	99
52) Toluene	8.79	92	93889	20.102	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54336	18.279	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	59212	18.282	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	37643	20.025	ug/l	99
56) Ethyl methacrylate	9.18	69	67356	20.126	ug/l	99
57) 1,3-Dichloropropane	9.37	76	65738	19.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	156038	88.914	ug/l	99
59) 2-Hexanone	9.49	43	285619	97.818	ug/l	99
60) Dibromochloromethane	9.58	129	36461	19.717	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38750	20.065	ug/l	98
64) Tetrachloroethene	9.34	164	35349	21.873	ug/l	98
65) Chlorobenzene	10.14	112	96855	19.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	34529	20.553	ug/l	100
67) Ethyl Benzene	10.25	91	176895	20.340	ug/l	100
68) m/p-Xylenes	10.36	106	129533	40.316	ug/l	98
69) o-Xylene	10.69	106	61964	20.109	ug/l	99
70) Styrene	10.71	104	108909	20.157	ug/l	99
71) Bromoform	10.85	173	27988	20.381	ug/l #	97
73) Isopropylbenzene	11.02	105	168953	20.518	ug/l	100
74) N-amyl acetate	10.90	43	95221	19.352	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60642	19.740	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54084m	20.266	ug/l	
77) Bromobenzene	11.26	156	42578	20.290	ug/l	97
78) n-propylbenzene	11.36	91	190748	20.097	ug/l	100
79) 2-Chlorotoluene	11.42	91	115085	19.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141047	20.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19072	17.681	ug/l	96
82) 4-Chlorotoluene	11.51	91	132823	19.676	ug/l	99
83) tert-Butylbenzene	11.77	119	134259	20.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142570	20.237	ug/l	99
85) sec-Butylbenzene	11.94	105	159287	20.174	ug/l	99
86) p-Isopropyltoluene	12.06	119	145658	20.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73115	19.571	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73820	19.375	ug/l	99
89) n-Butylbenzene	12.38	91	129095	19.342	ug/l	100
90) Hexachloroethane	12.60	117	24469	20.077	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	73548	19.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13631	18.851	ug/l	96

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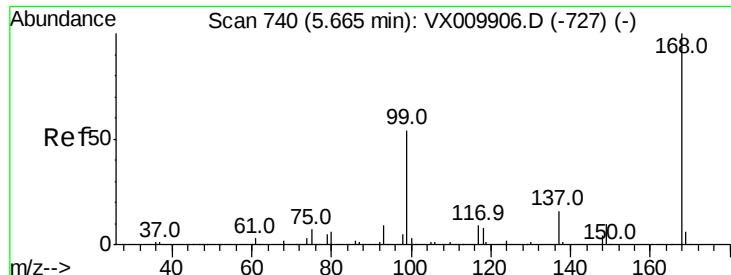
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51885	19.712	ug/l	99
94) Hexachlorobutadiene	13.78	225	24717	18.721	ug/l	99
95) Naphthalene	13.83	128	163259	19.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51801	19.660	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion:168 Resp: 161277

Ion Ratio Lower Upper

168 100

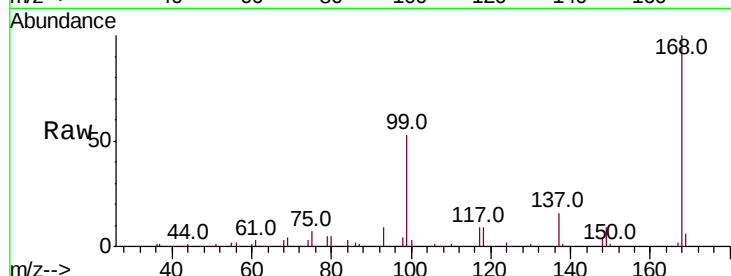
99 53.5 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

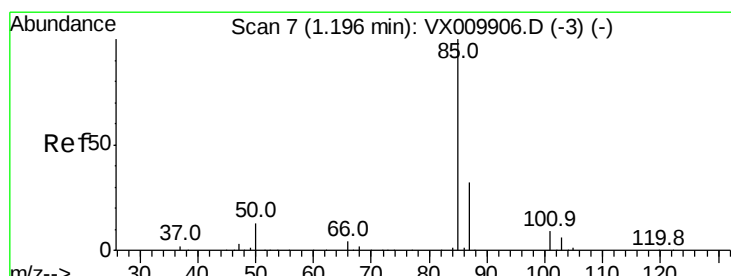
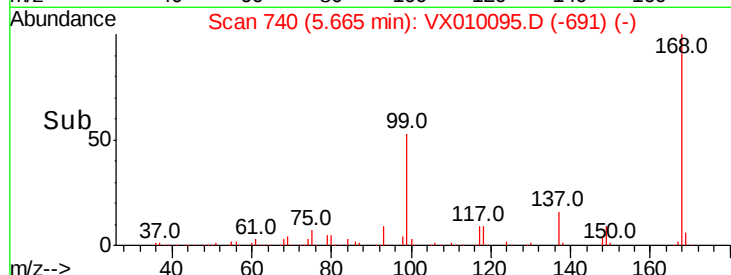
40000

20000

0

5.50 5.60 5.70 5.80

5.67



#2

Dichlorodifluoromethane

Concen: 21.387 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010095.D

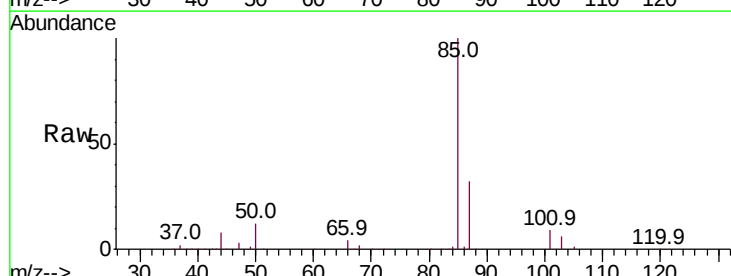
Acq: 05 Jun 2019 23:28

Tgt Ion: 85 Resp: 42149

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

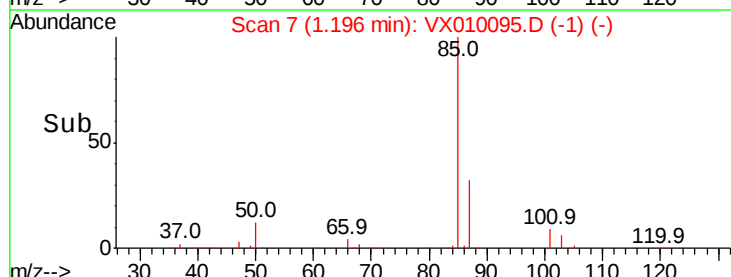
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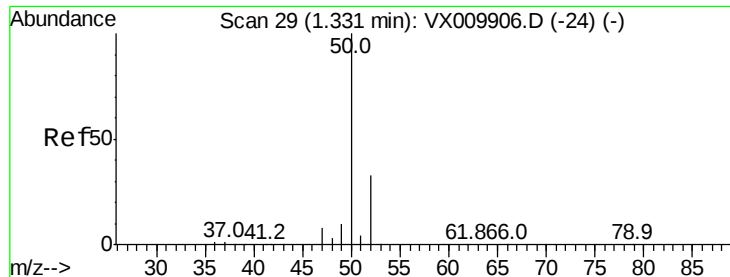
10000

0

1.15 1.20 1.25

1.20





#3

Chloromethane

Concen: 18.097 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion: 50 Resp: 47948

Ion Ratio Lower Upper

50 100

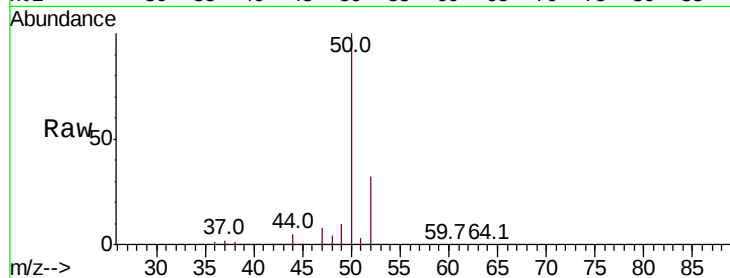
52 32.2 26.0 39.0

Manual Integrations

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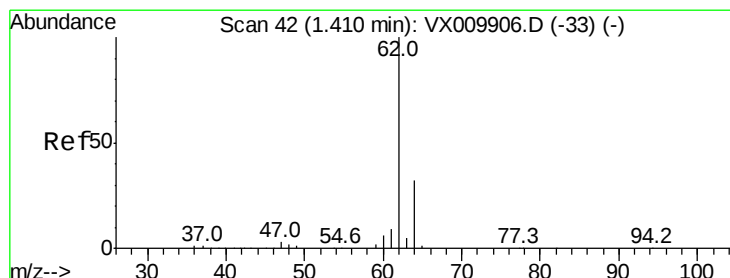
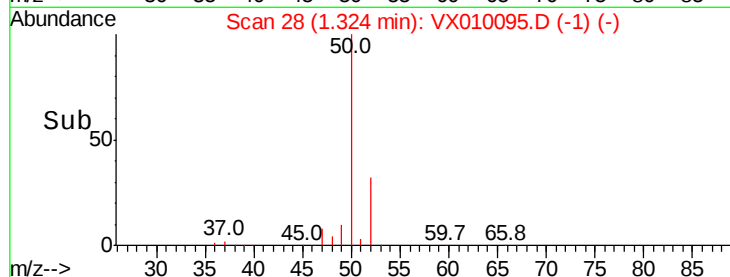
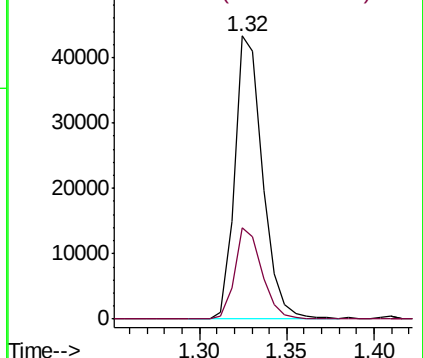
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.443 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010095.D

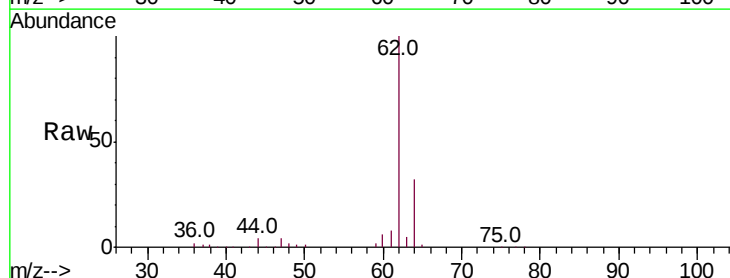
Acq: 05 Jun 2019 23:28

Tgt Ion: 62 Resp: 44048

Ion Ratio Lower Upper

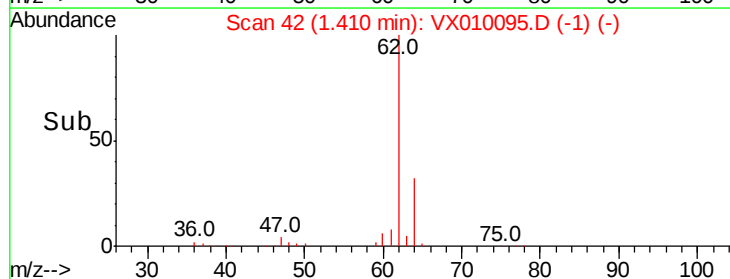
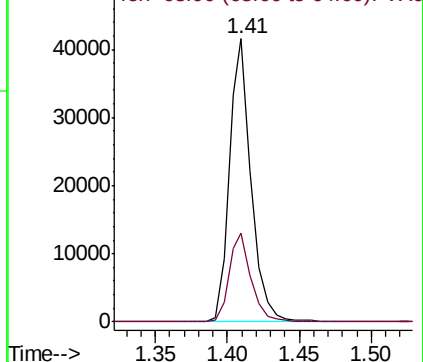
62 100

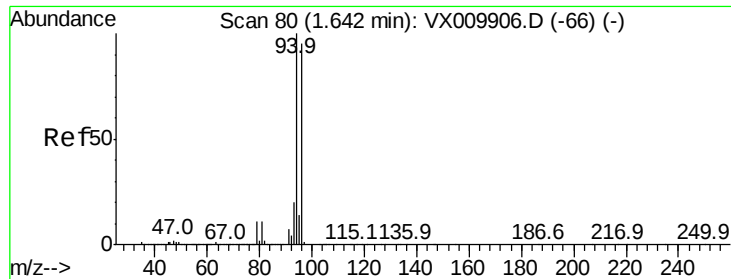
64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.730 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion: 94 Resp: 27103

Ion Ratio Lower Upper

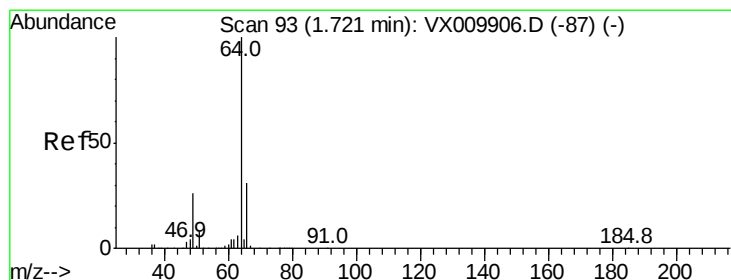
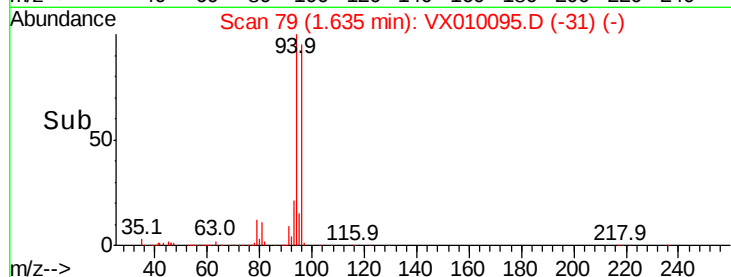
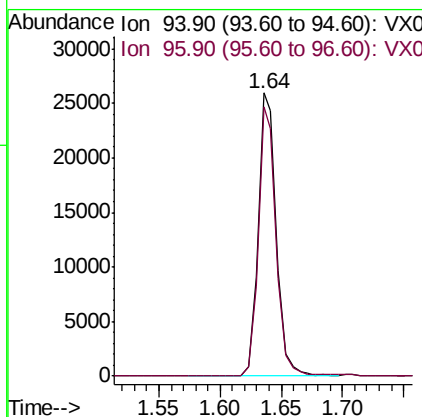
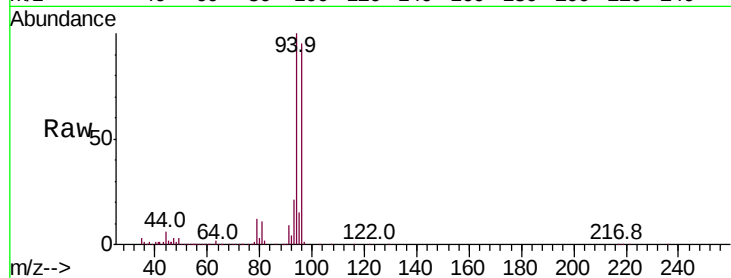
94 100

96 95.3 76.2 114.4

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#6

Chloroethane

Concen: 18.871 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010095.D

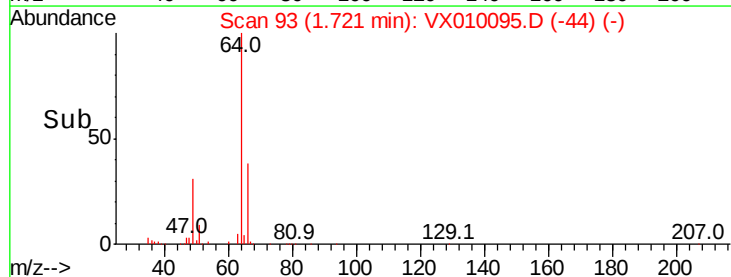
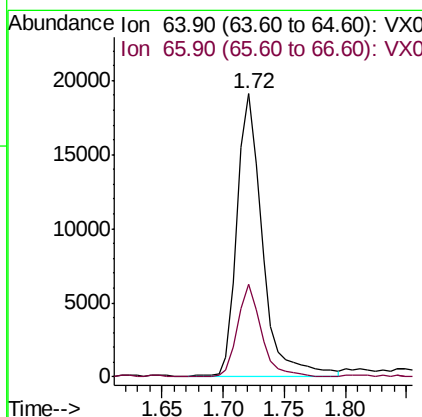
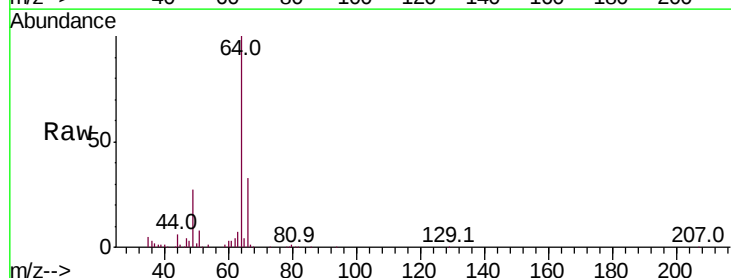
Acq: 05 Jun 2019 23:28

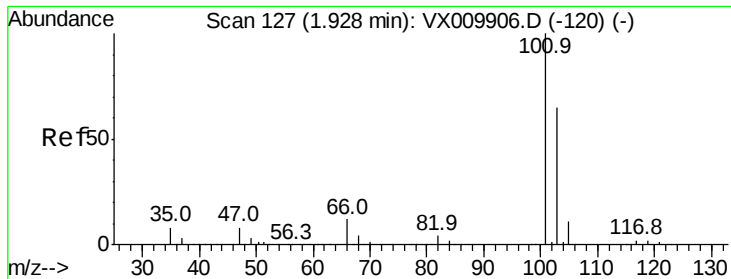
Tgt Ion: 64 Resp: 27745

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7





#7

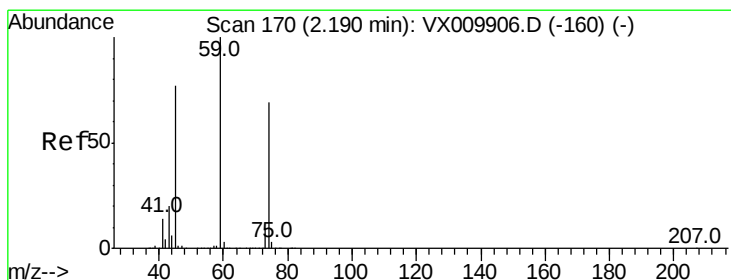
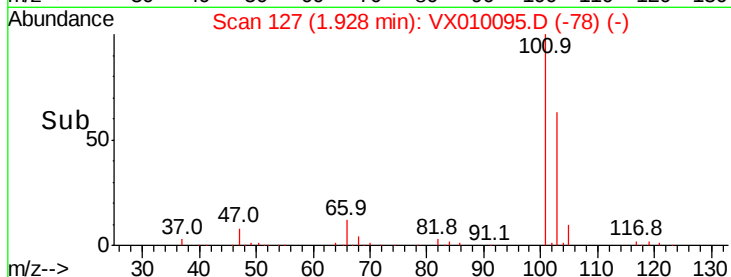
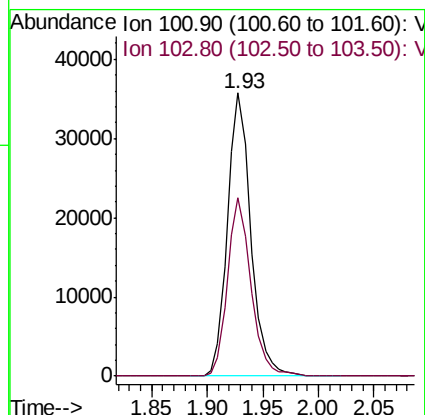
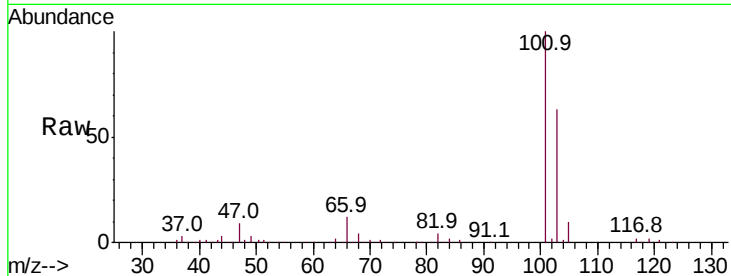
Trichlorofluoromethane
Concen: 19.729 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
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ClientSampleId :
VX0605WBS02

Tot Ion:101 Resp: 52070
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.4

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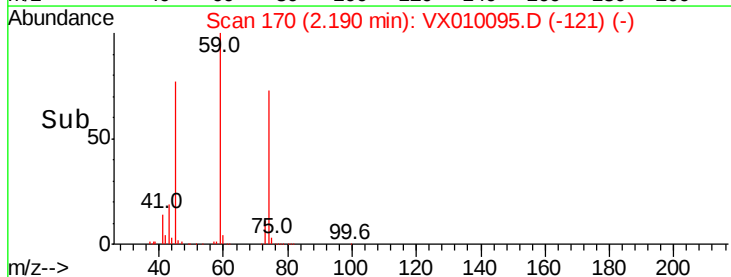
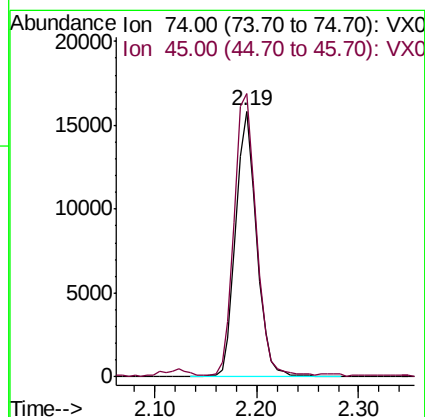
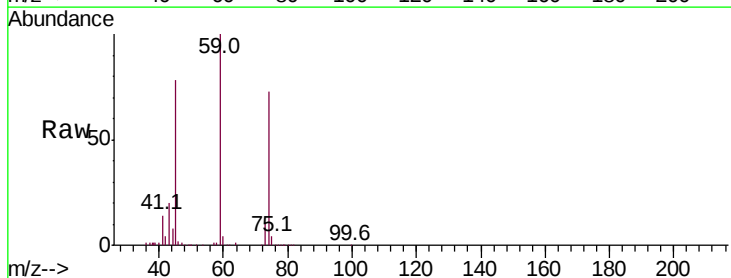
MMDadoda
6/6/2019 10:12:01 AM

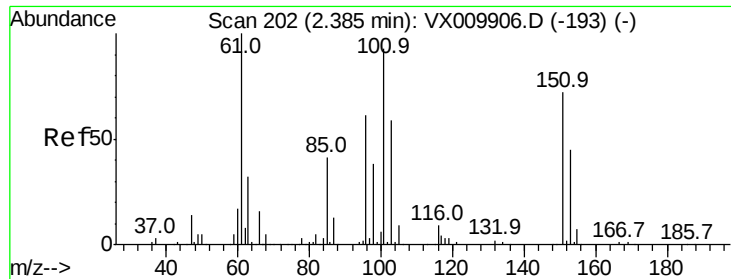


#8

Diethyl Ether
Concen: 18.123 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion: 74 Resp: 22477
Ion Ratio Lower Upper
74 100
45 110.9 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.533 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

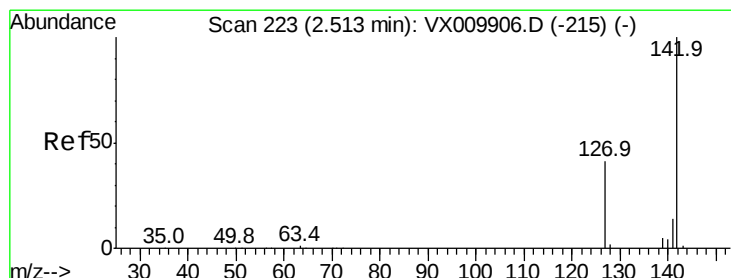
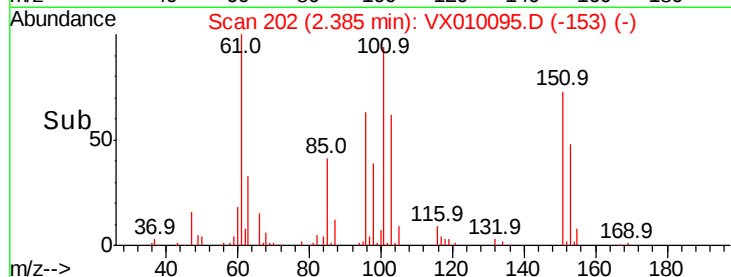
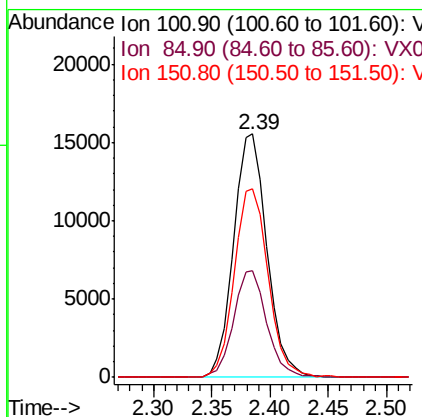
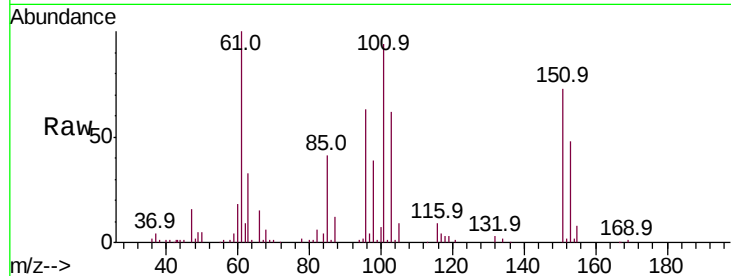
ClientSampleId :

VX0605WBS02

Tot Ion:	101	Resp:	31125
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.2	52.8
151	78.6	61.9	92.9

Manual Integrations
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6/6/2019 10:12:01 AM



#10

Methyl Iodide

Concen: 18.494 ug/l

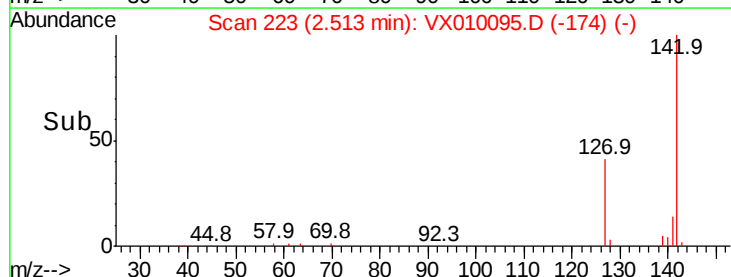
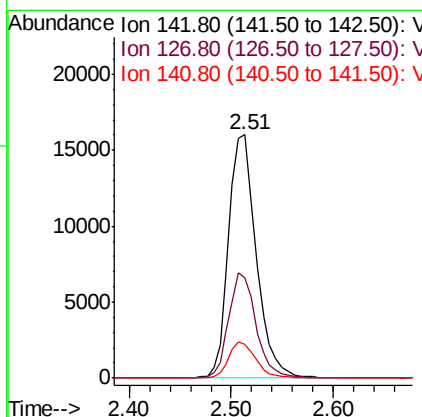
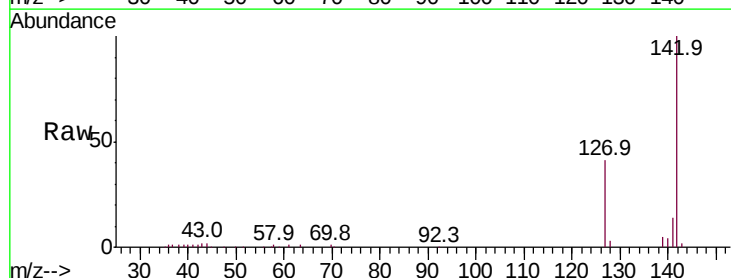
RT: 2.51 min Scan# 223

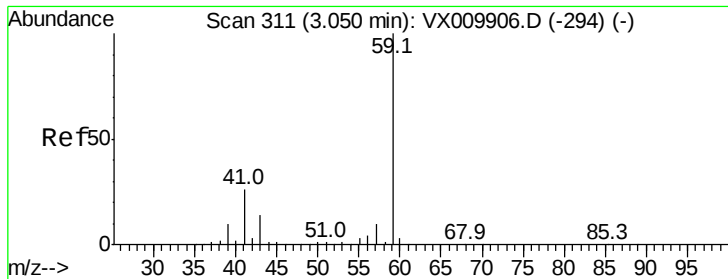
Delta R.T. 0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion:	142	Resp:	30106
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.0	49.4
141	14.5	11.4	17.0





#11

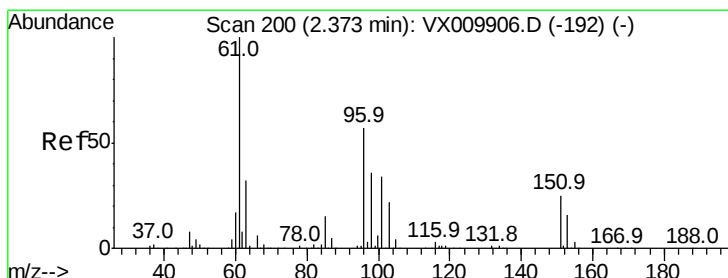
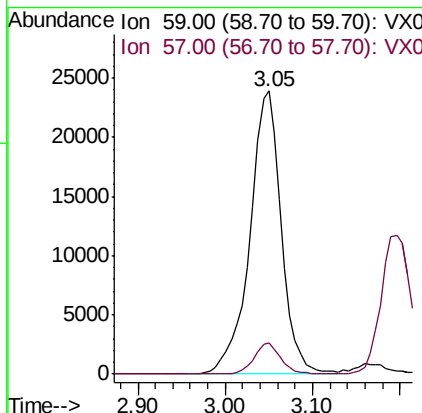
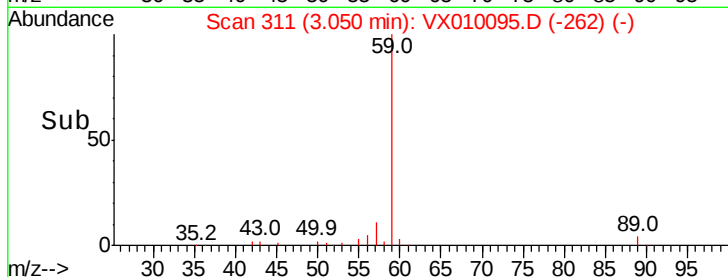
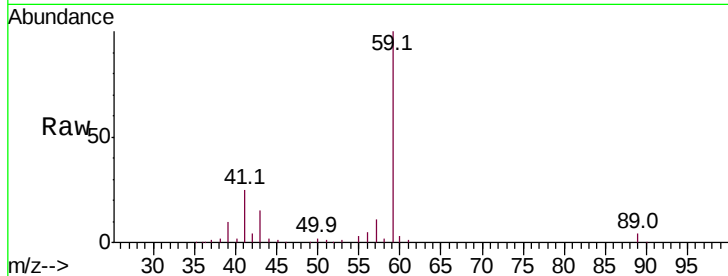
Tert butyl alcohol
Concen: 106.402 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampled :
VX0605WBS02

Tot Ion	59	57	Ratio	100	9.4	Resp:	59655	Lower	8.2	Upper	12.2

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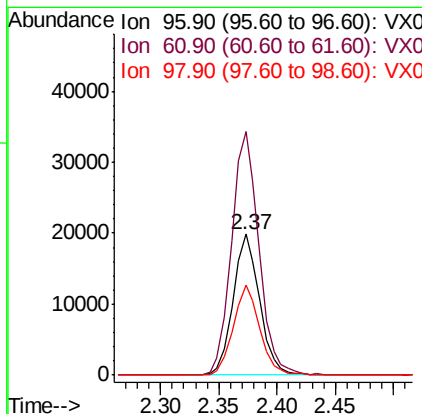
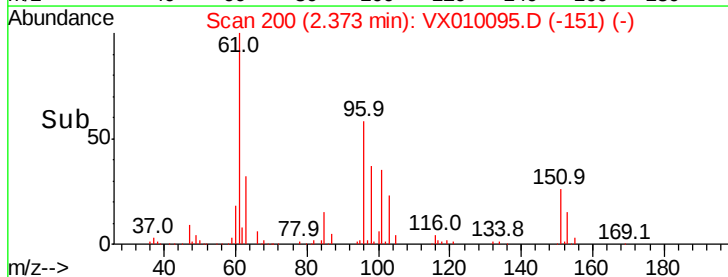
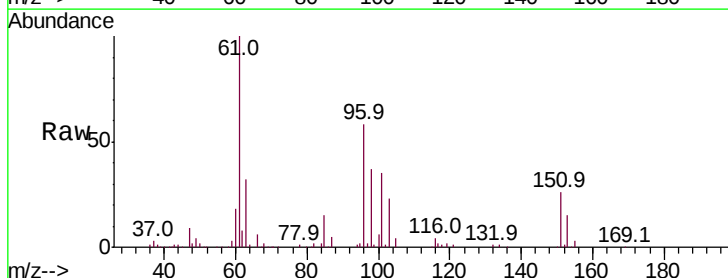
MMDadoda
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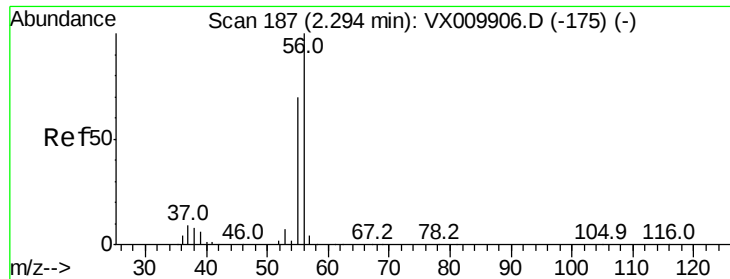


#12

1,1-Dichloroethene
Concen: 19.353 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	96	61	98	Ratio	100	172.5	63.6	Resp:	31610	Lower	140.7	50.1	Upper	211.1	75.1





#13

Acrolein

Concen: 85.222 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 56 Resp: 27833

Ion Ratio Lower Upper

56 100

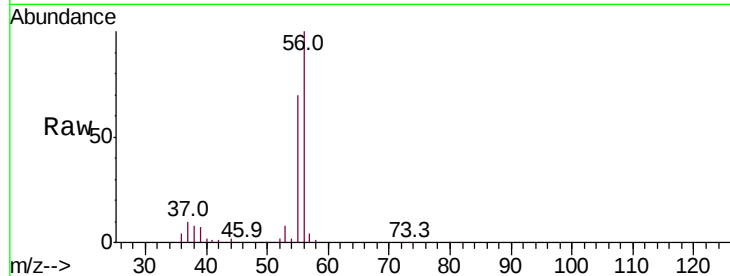
55 72.0 57.0 85.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

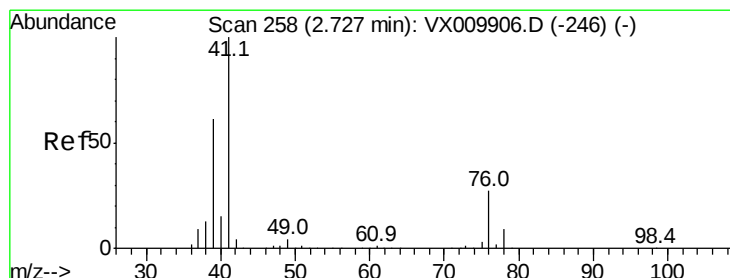
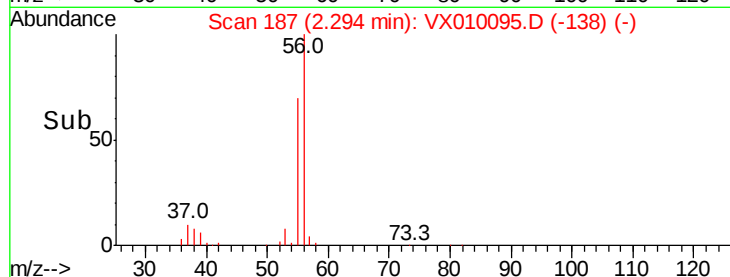
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 18.338 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

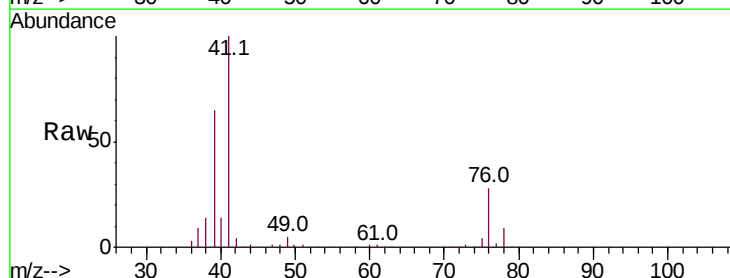
Tgt Ion: 41 Resp: 72798

Ion Ratio Lower Upper

41 100

39 60.0 46.7 70.1

76 26.9 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

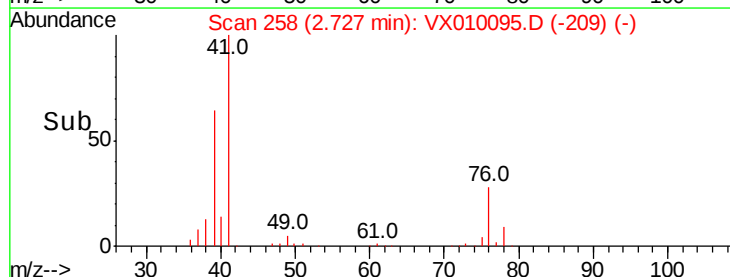
60000

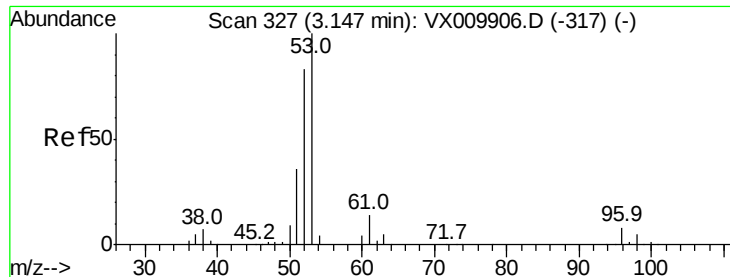
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 94.185 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

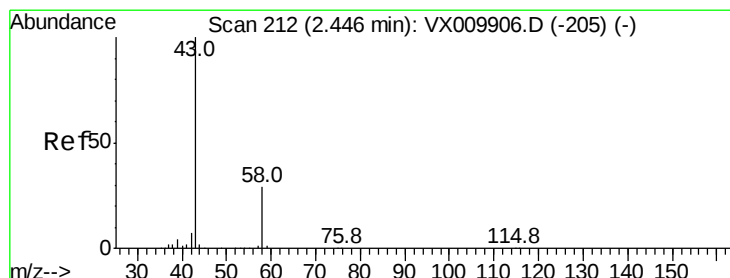
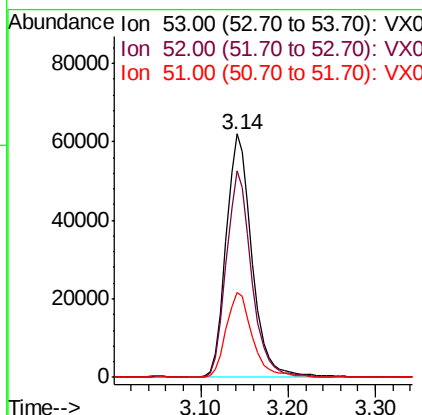
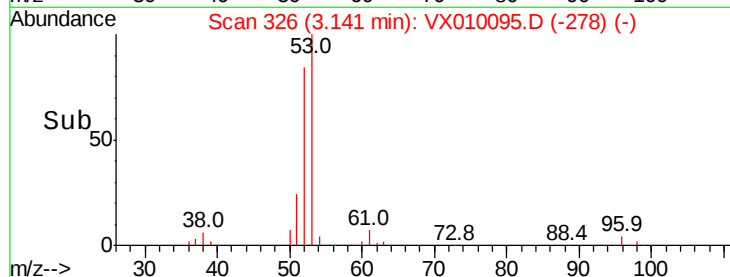
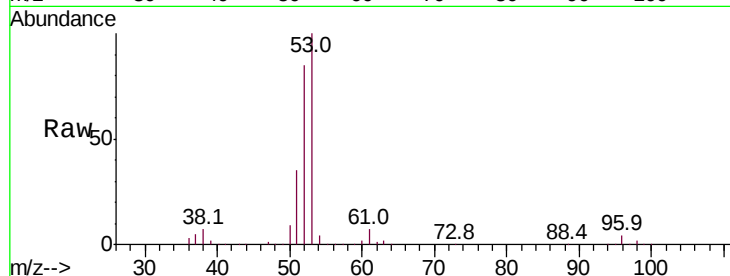
ClientSampled :

VX0605WBS02

Tot Ion:	53	Resp:	127234
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.7	100.1
51	35.8	28.8	43.2

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#16

Acetone

Concen: 86.298 ug/l

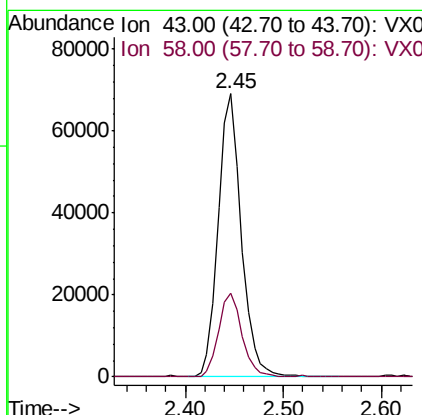
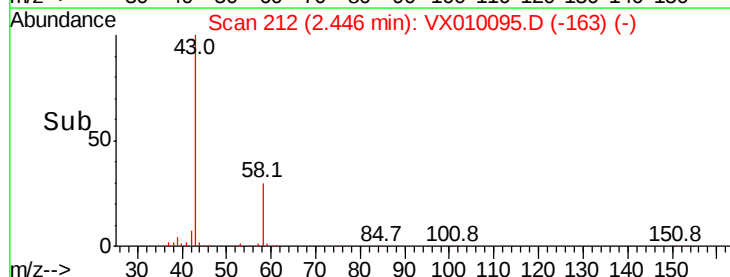
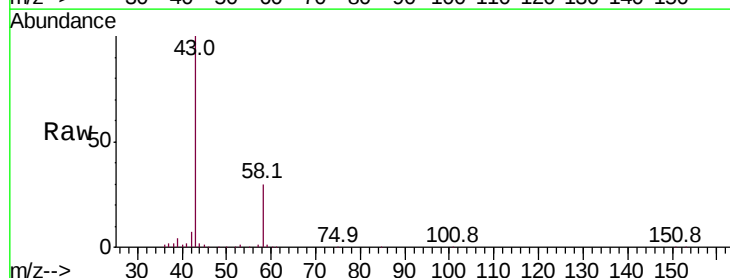
RT: 2.45 min Scan# 212

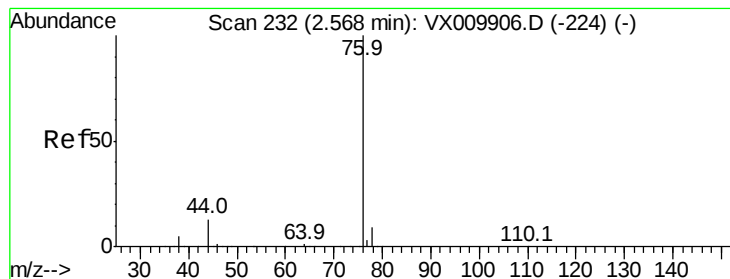
Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion:	43	Resp:	113592
Ion Ratio	Lower	Upper	
43	100		
58	29.5	23.2	34.8





#17

Carbon Disulfide

Concen: 19.381 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 76 Resp: 94677

Ion Ratio Lower Upper

76 100

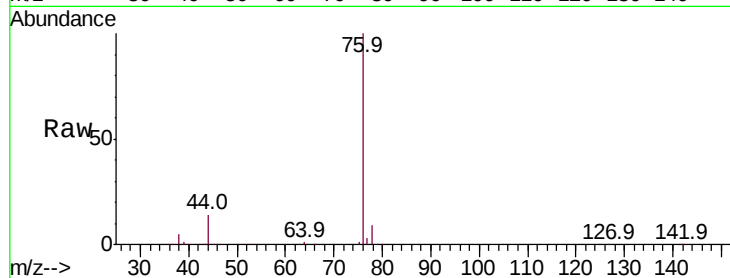
78 9.2 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

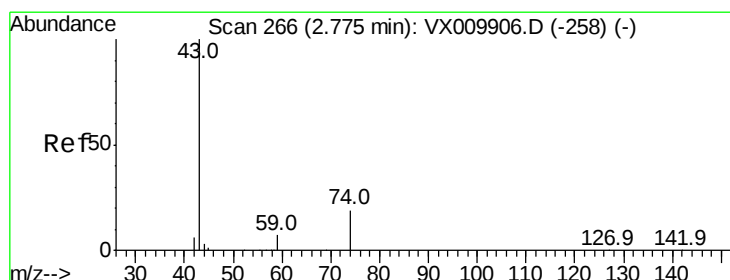
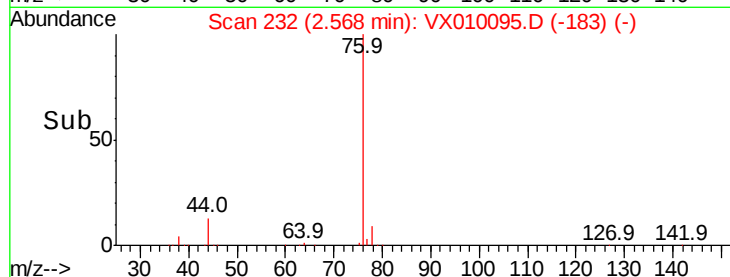
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.084 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010095.D

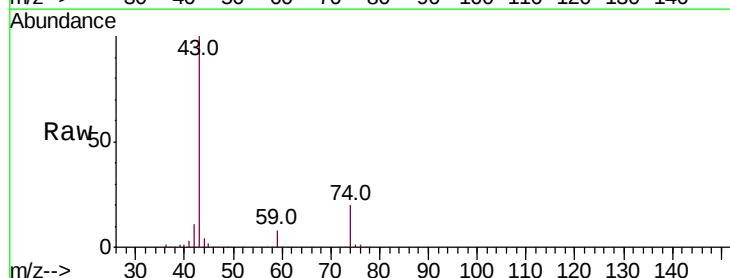
Acq: 05 Jun 2019 23:28

Tgt Ion: 43 Resp: 58450

Ion Ratio Lower Upper

43 100

74 19.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

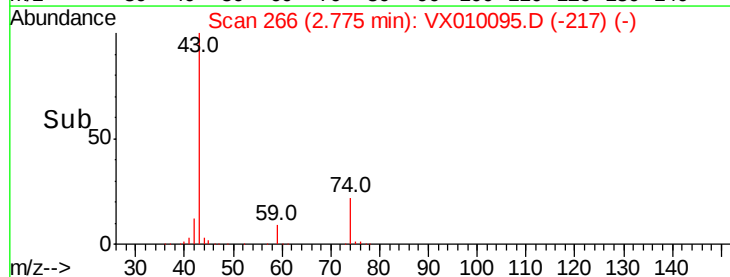
30000

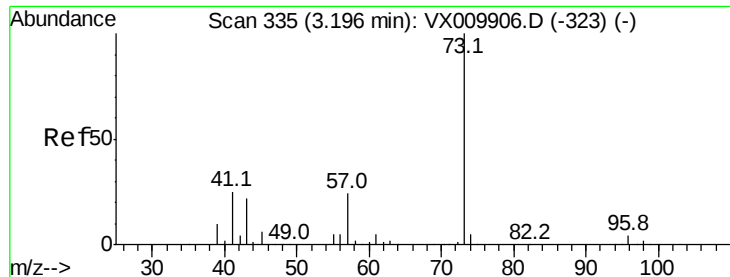
20000

10000

0

Time-->





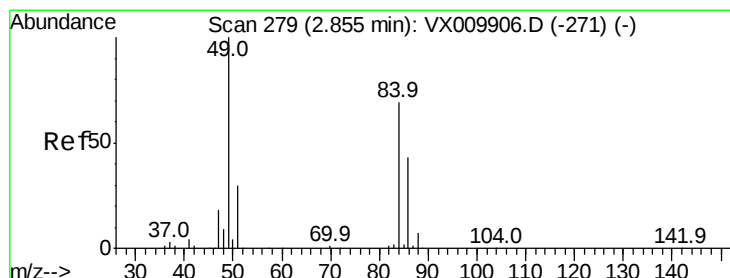
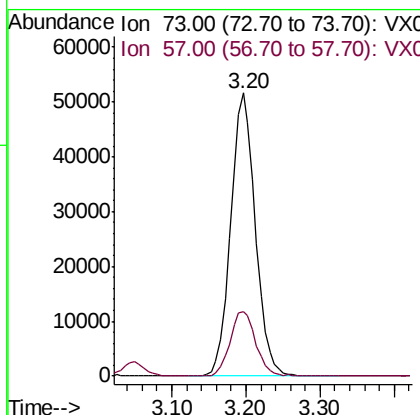
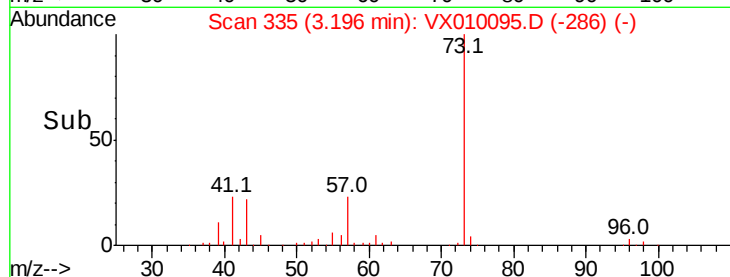
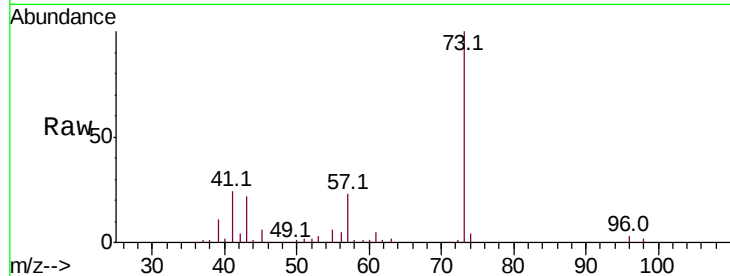
#19
Methyl tert-butyl Ether
Concen: 19.321 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion: 73 Resp: 119142
Ion Ratio Lower Upper
73 100
57 22.6 19.4 29.2

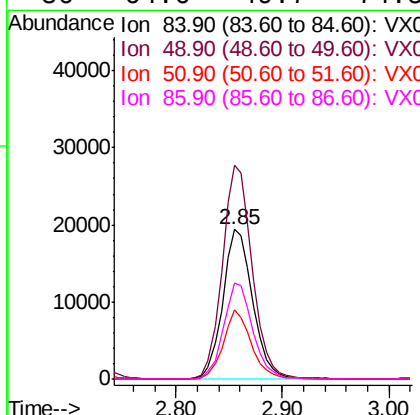
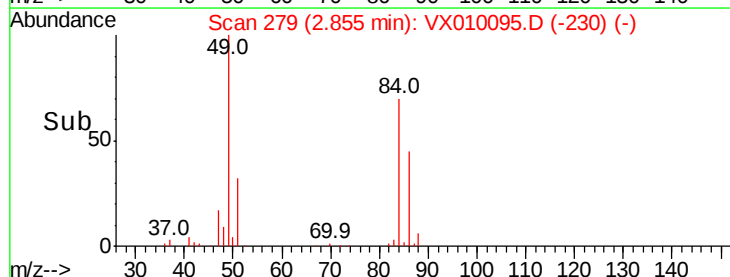
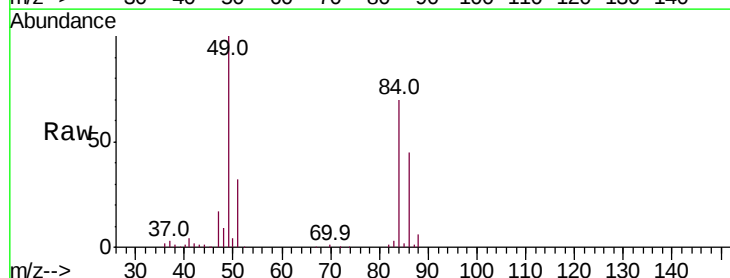
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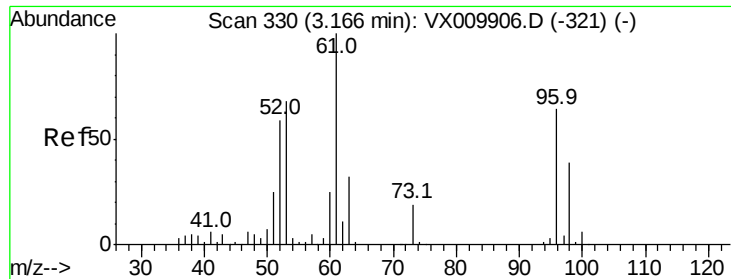
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6/6/2019 10:12:01 AM



#20
Methylene Chloride
Concen: 18.825 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion: 84 Resp: 37946
Ion Ratio Lower Upper
84 100
49 142.5 115.8 173.6
51 46.2 34.4 51.6
86 64.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.593 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion: 96 Resp: 33790

Ion Ratio Lower Upper

96 100

61 154.0 125.7 188.5

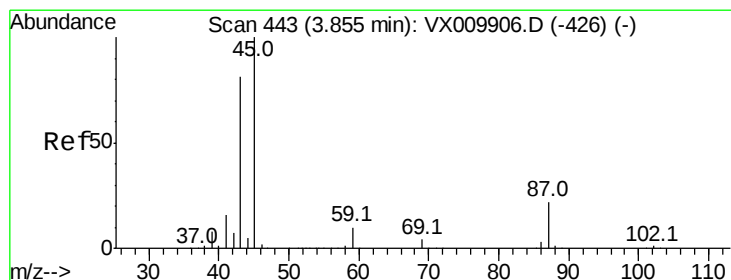
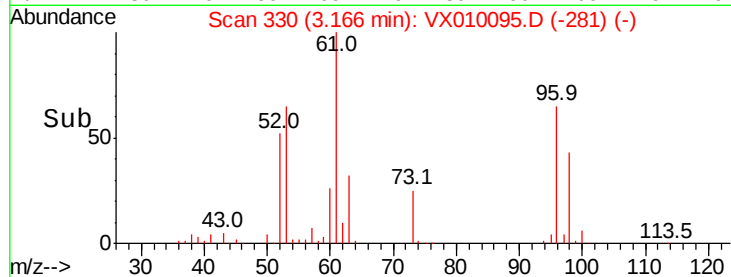
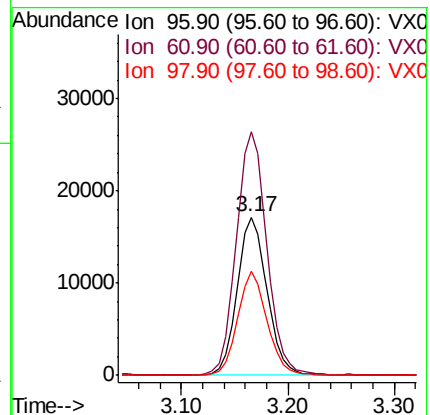
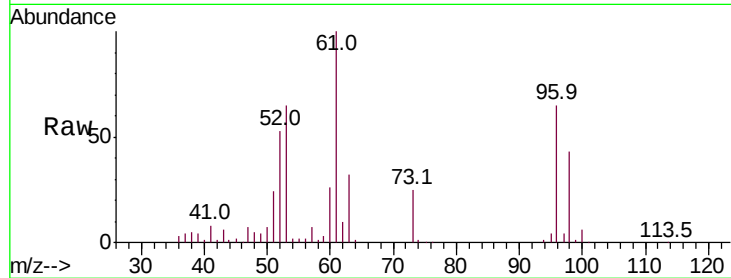
98 65.5 49.0 73.6

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#22

Diisopropyl ether

Concen: 19.193 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion: 45 Resp: 144971

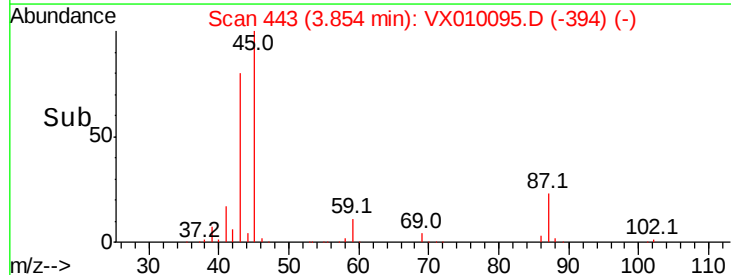
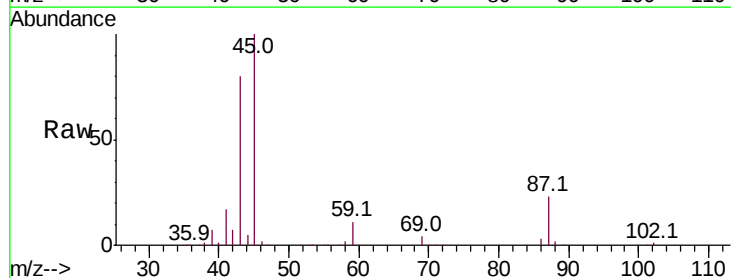
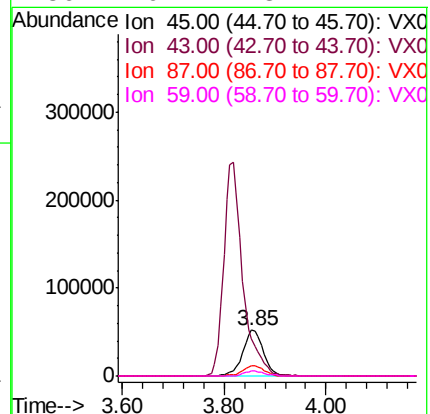
Ion Ratio Lower Upper

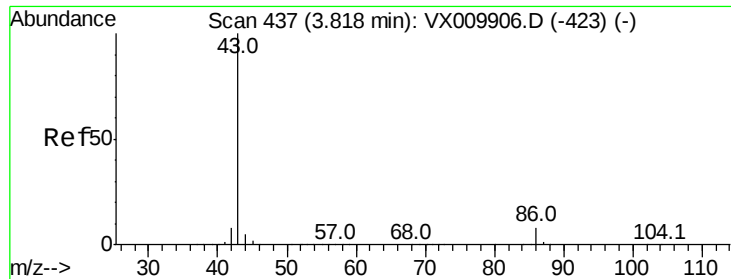
45 100

43 79.9 65.0 97.4

87 22.7 17.3 25.9

59 10.7 8.1 12.1





#23

Vinyl Acetate

Concen: 92.927 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 43 Resp: 630550

Ion Ratio Lower Upper

43 100

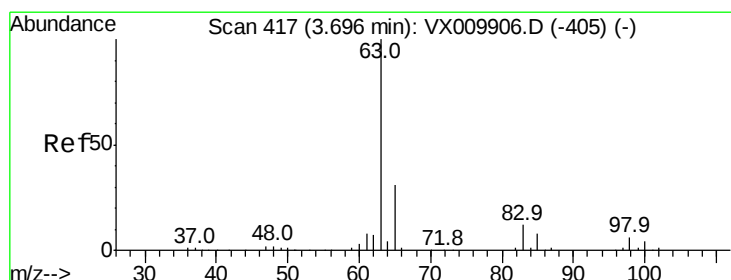
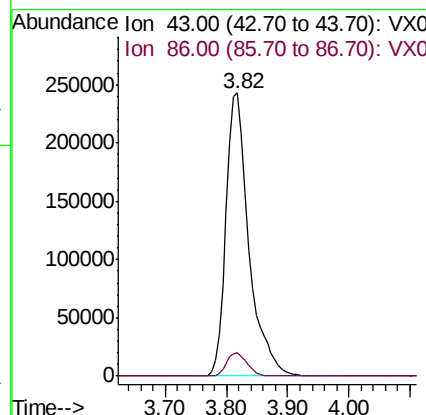
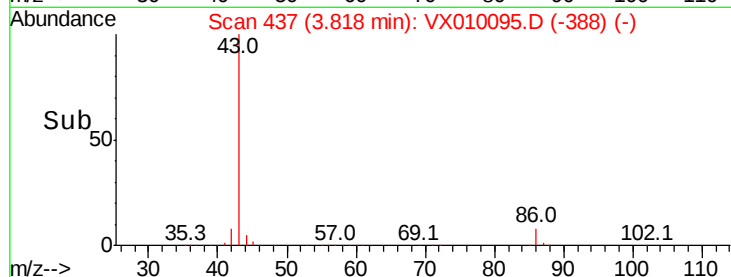
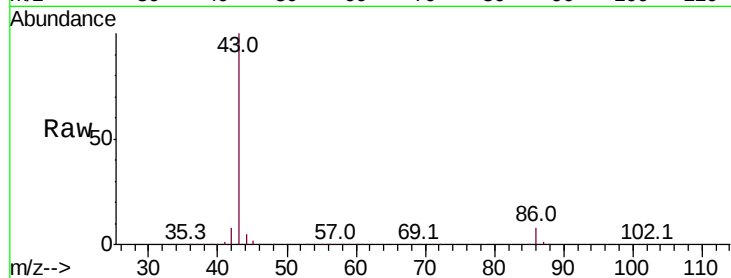
86 8.2 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 19.216 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

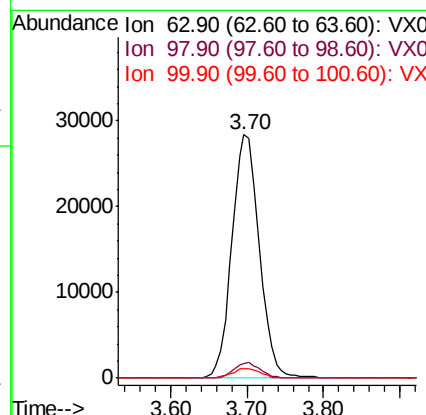
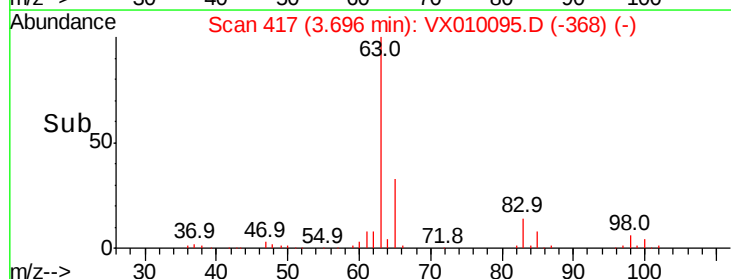
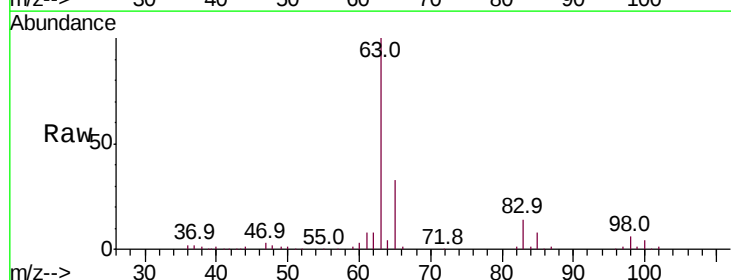
Tgt Ion: 63 Resp: 70338

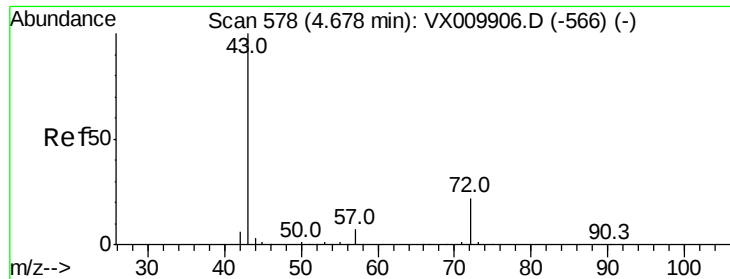
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 4.0 1.8 5.4





#25

2-Butanone

Concen: 91.987 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 43 Resp: 188642

Ion Ratio Lower Upper

43 100

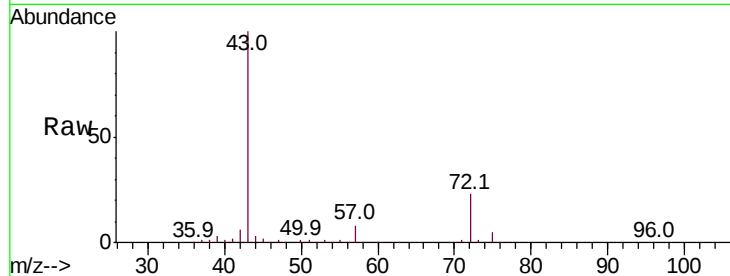
72 22.7 17.5 26.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

60000

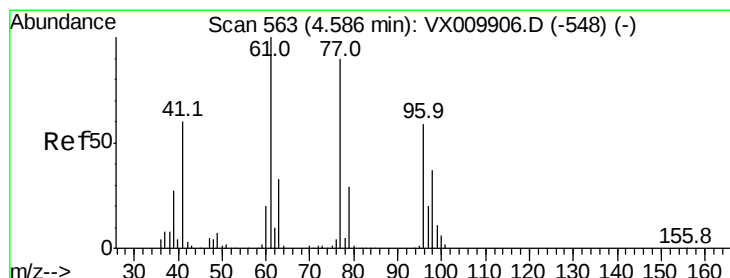
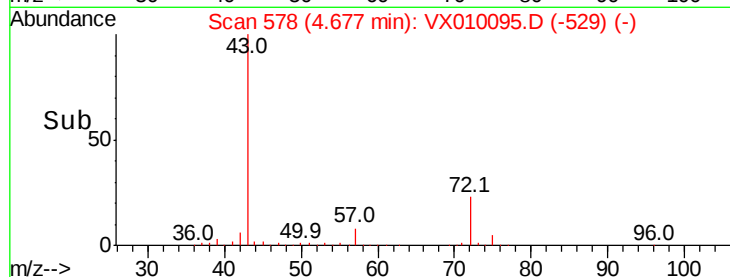
40000

20000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 15.059 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010095.D

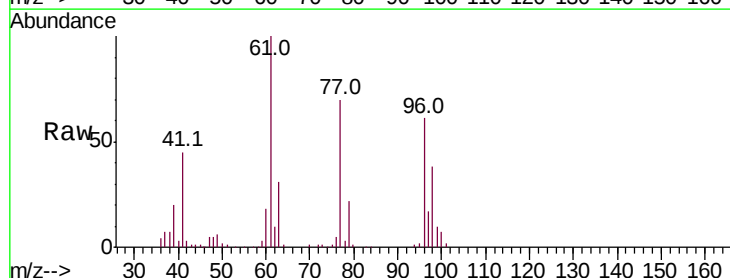
Acq: 05 Jun 2019 23:28

Tgt Ion: 77 Resp: 41697

Ion Ratio Lower Upper

77 100

97 24.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

15000

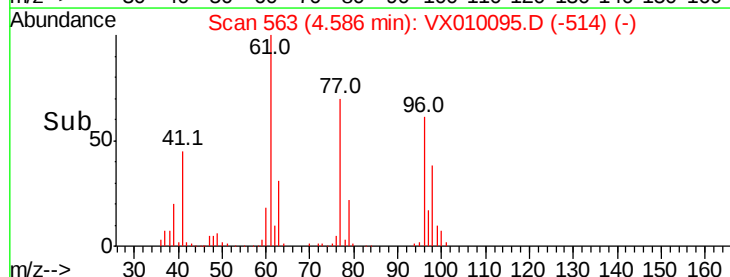
10000

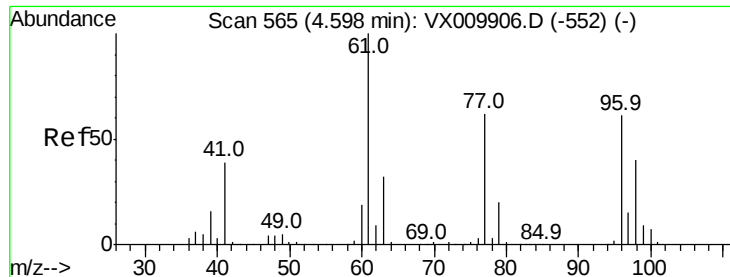
5000

0

Time-->

4.50 4.60 4.70





#27

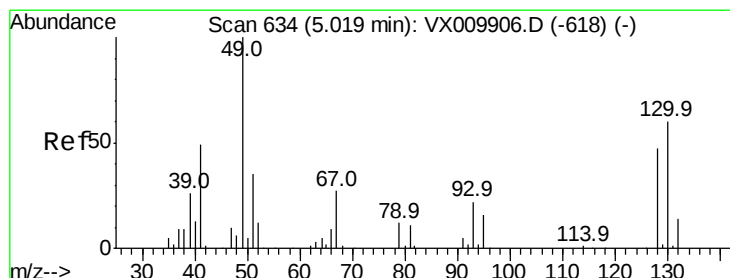
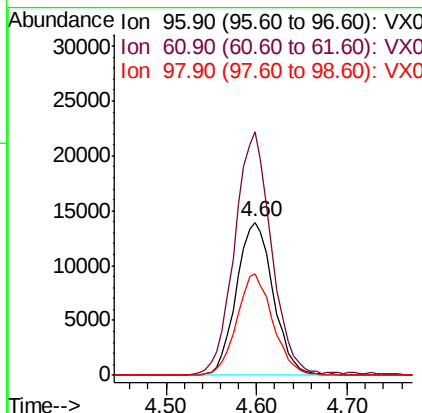
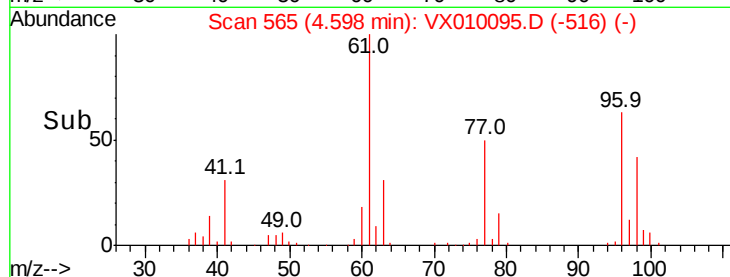
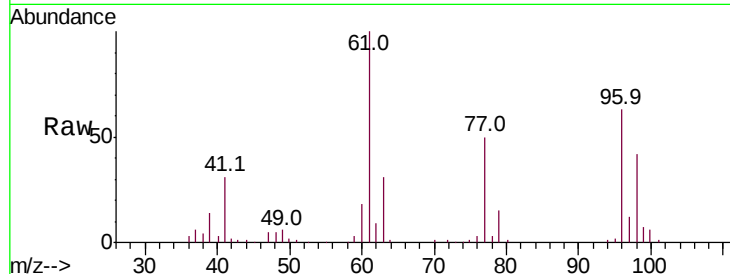
cis-1,2-Dichloroethene
 Concen: 18.769 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	39373		
61	159.4	0.0	334.0	
98	64.9	0.0	131.6	

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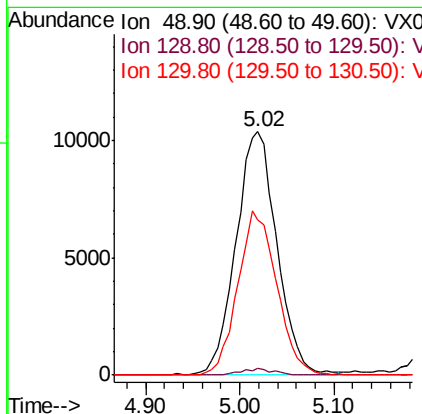
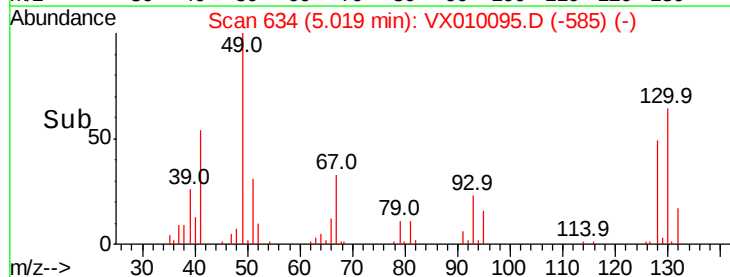
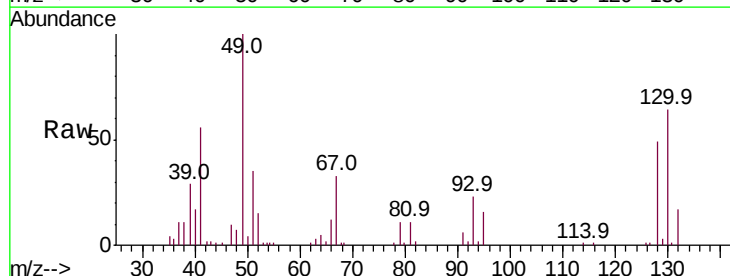
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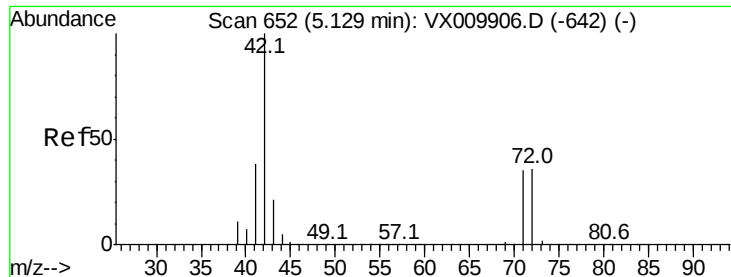


#28

Bromochloromethane
 Concen: 16.539 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31416		
129	2.2	0.0	3.4	
130	64.0	49.4	74.2	





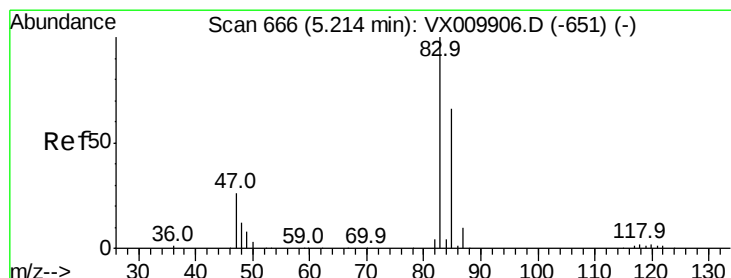
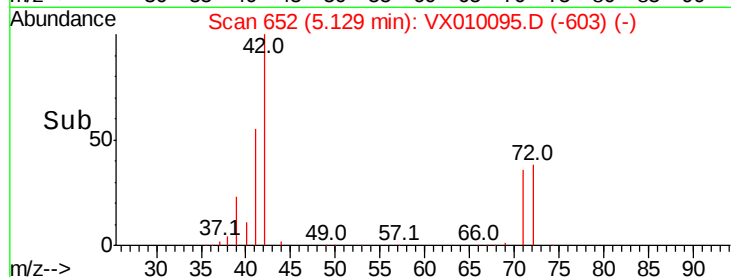
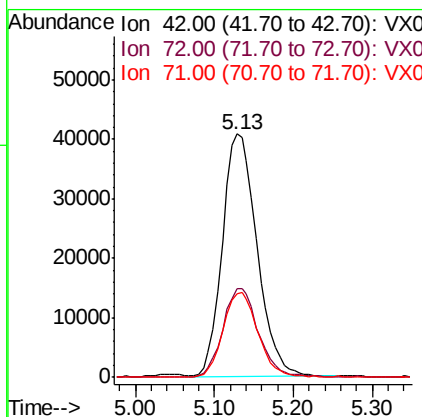
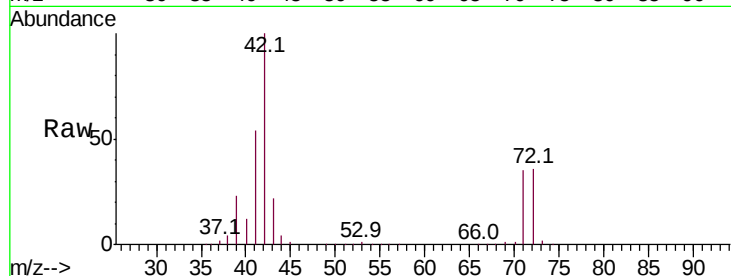
#29
Tetrahydrofuran
Concen: 94.977 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.2	43.8
71	35.3	27.6	41.4

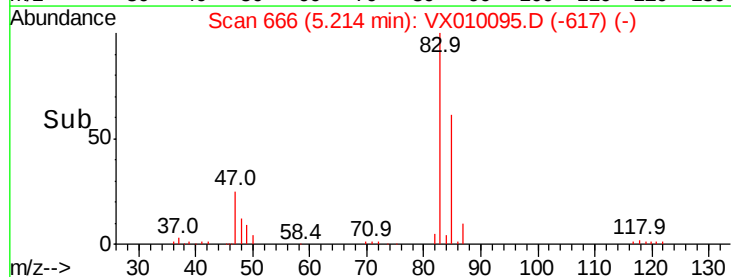
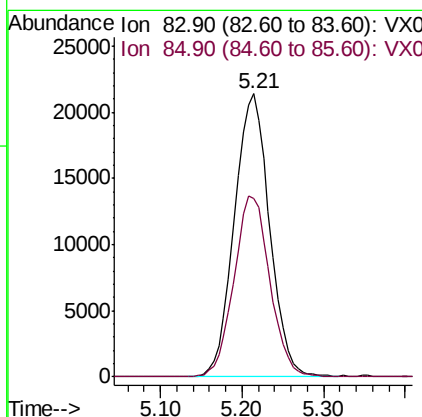
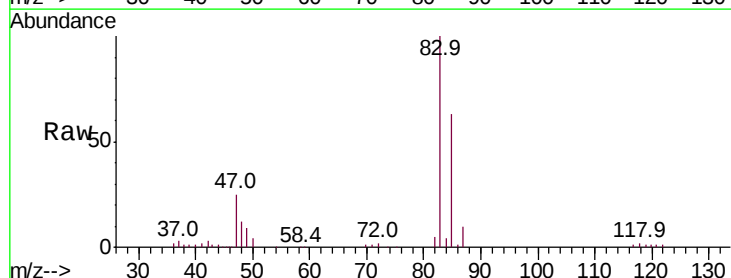
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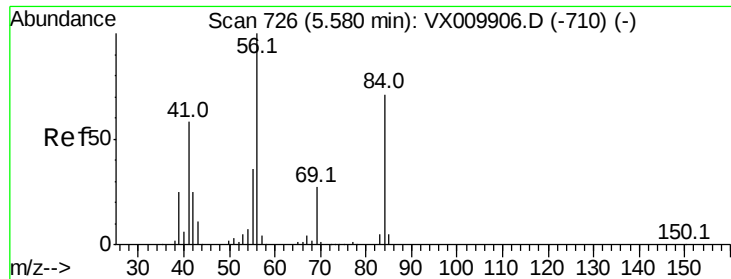
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#30
Chloroform
Concen: 19.372 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.6	78.8





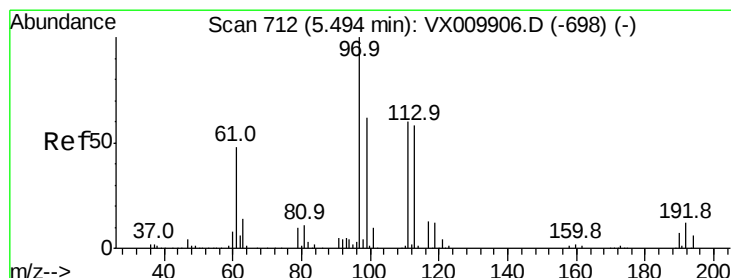
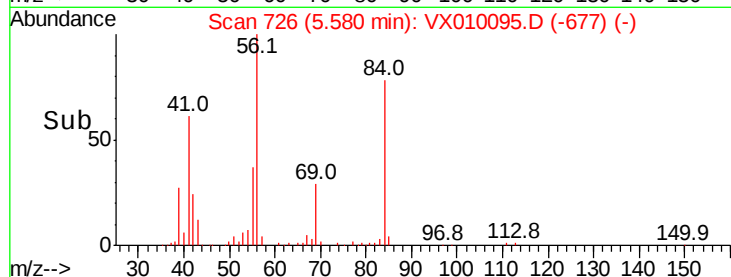
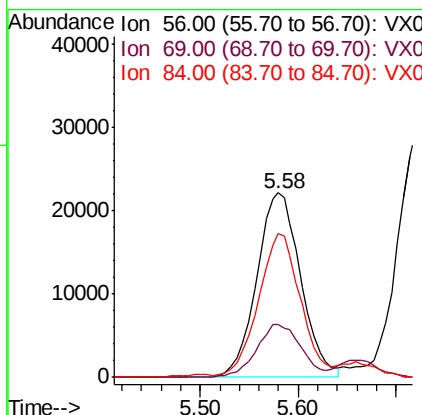
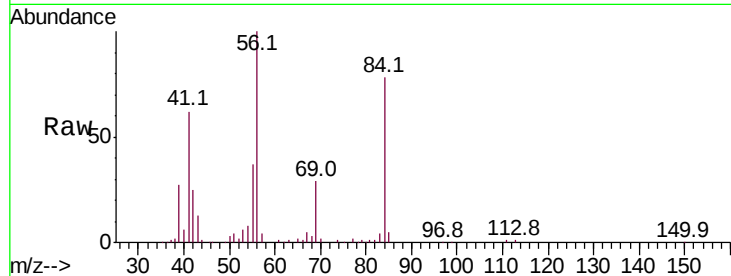
#31
Cyclohexane
Concen: 19.919 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	21.6	32.4
84	77.2	56.8	85.2

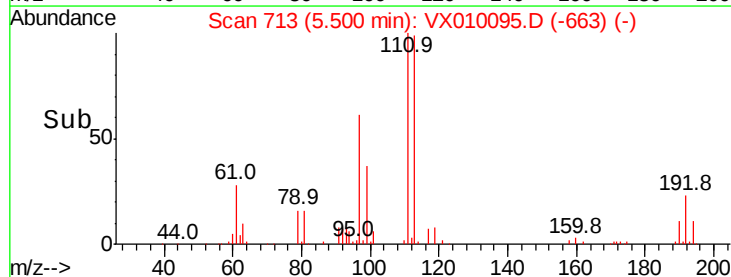
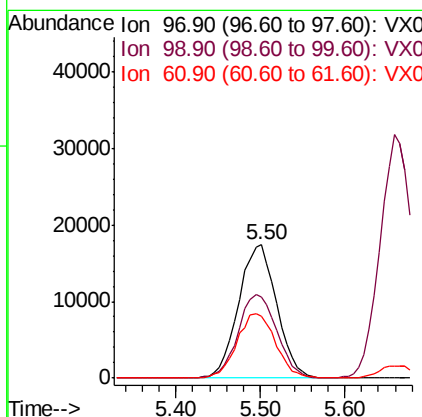
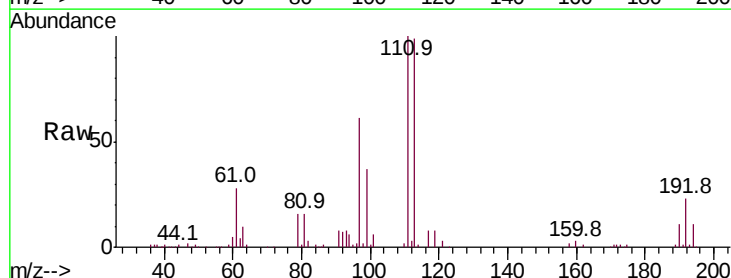
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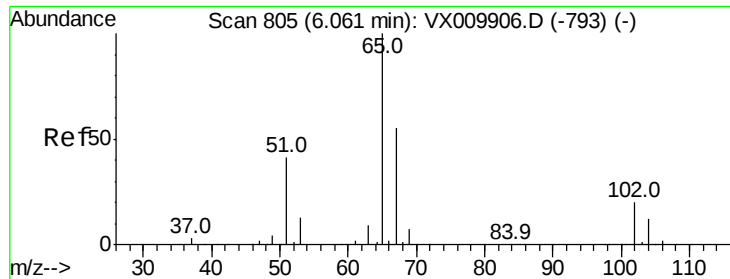
MMDadoda
6/6/2019 10:12:01 AM



#32
1,1,1-Trichloroethane
Concen: 19.921 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	49.0	38.7	58.1





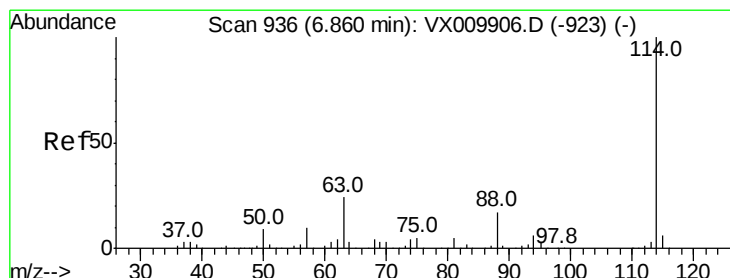
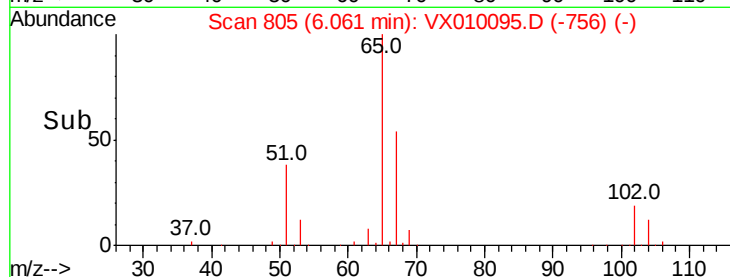
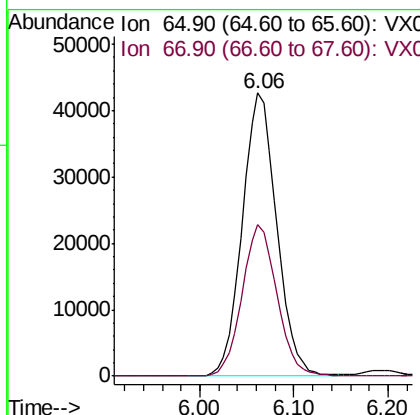
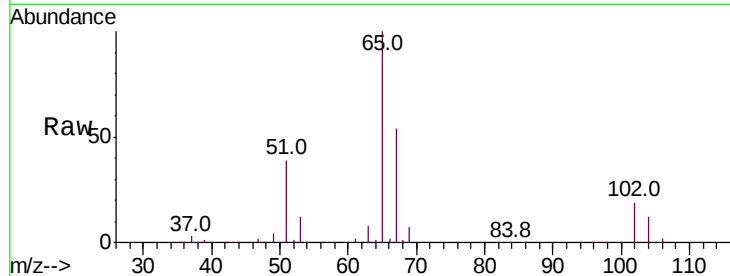
#33
 1,2-Dichloroethane-d4
 Concen: 48.005 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.4

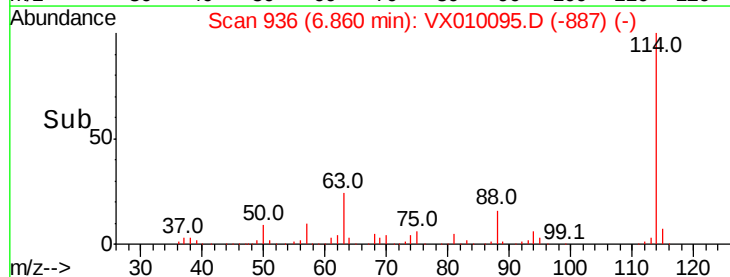
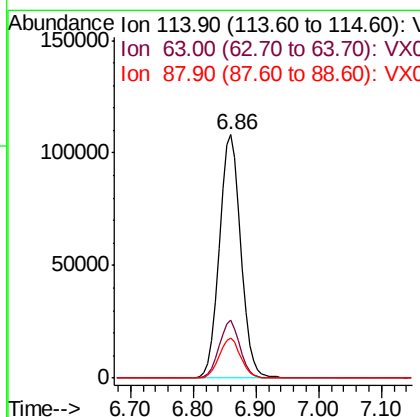
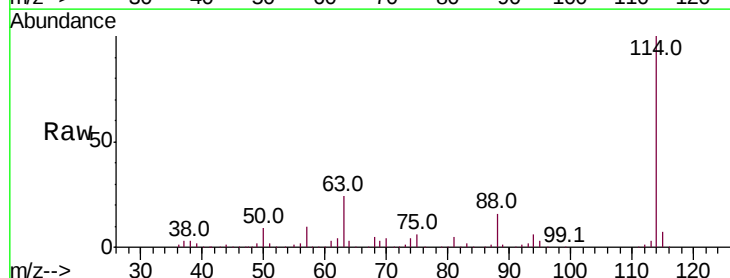
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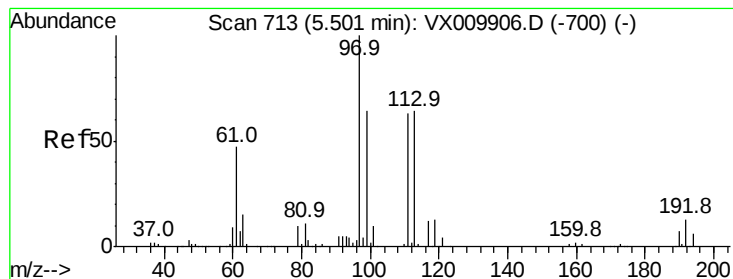
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.4
88	16.3	0.0	33.0





#35

Dibromofluoromethane

Concen: 50.878 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

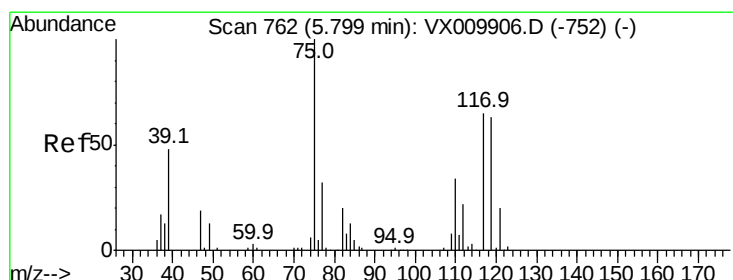
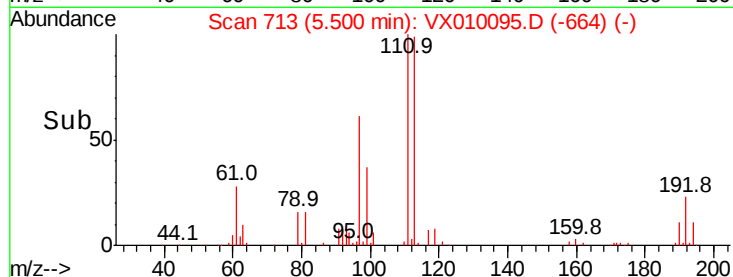
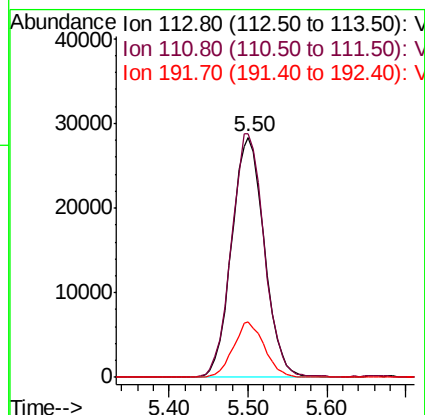
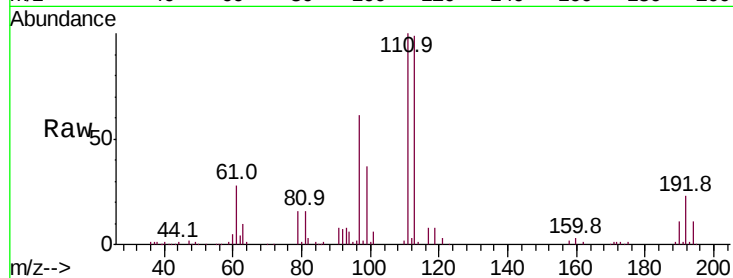
ClientSampled :

VX0605WBS02

Tot Ion:	113	Resp:	81752
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.2	123.2
192	21.9	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 19.351 ug/l

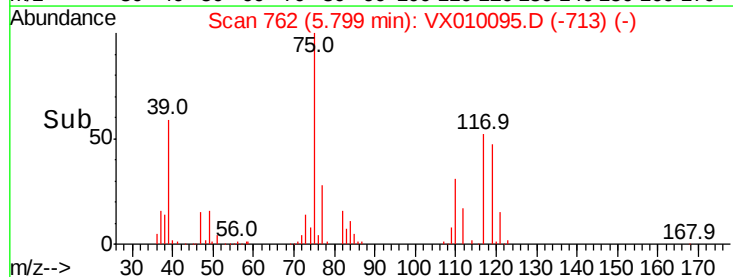
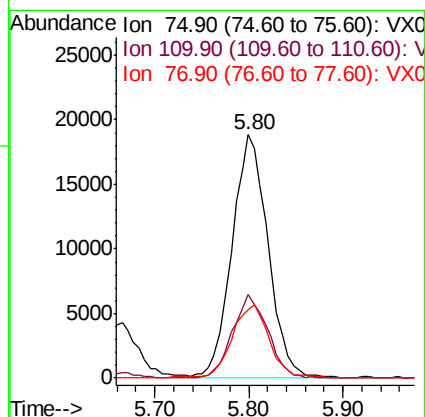
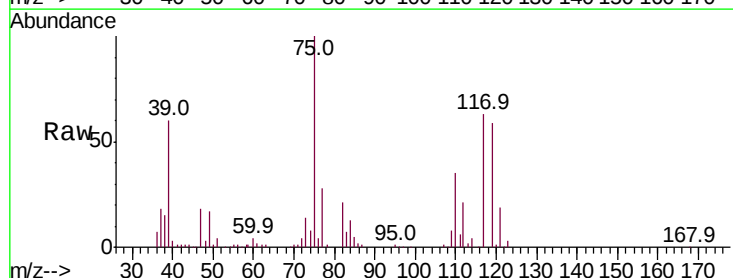
RT: 5.80 min Scan# 762

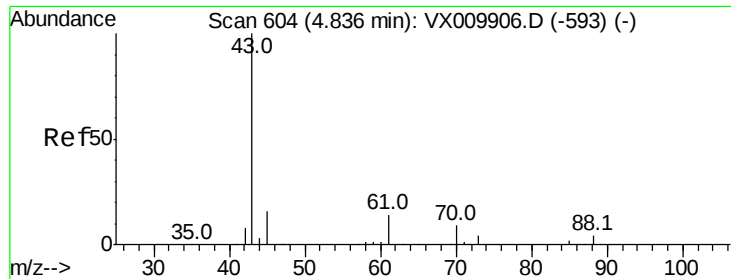
Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion:	75	Resp:	50181
Ion Ratio	Lower	Upper	
75	100		
110	33.6	16.7	50.1
77	31.1	25.0	37.4





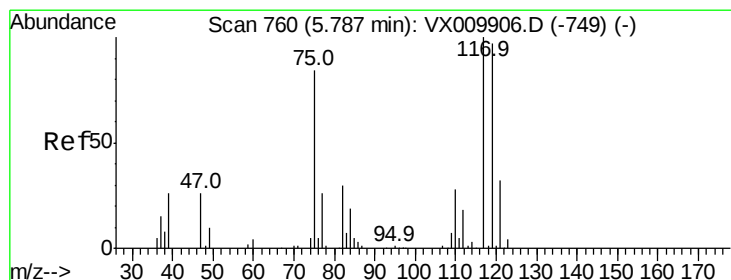
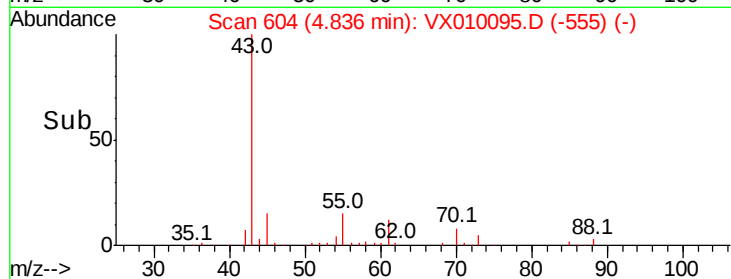
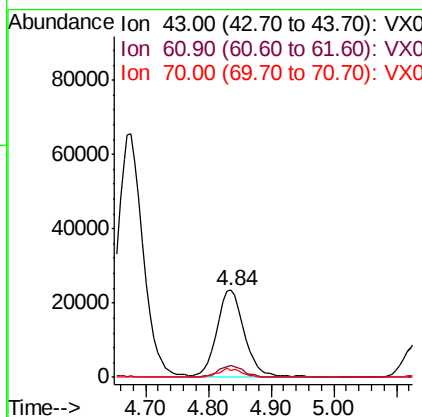
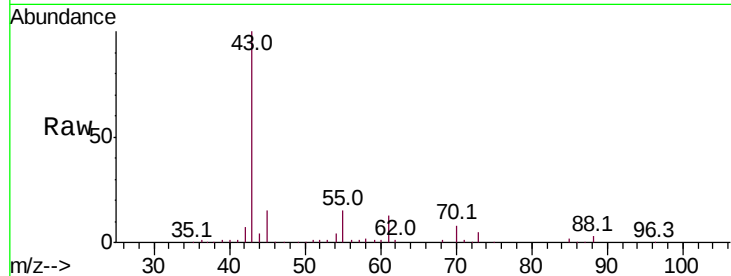
#37
Ethyl Acetate
Concen: 19.435 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampled :
VX0605WBS02

Tot Ion	43	Resp	70222
Ion Ratio	100	Lower	Upper
43	100		
61	12.4	10.2	15.2
70	9.5	7.4	11.2

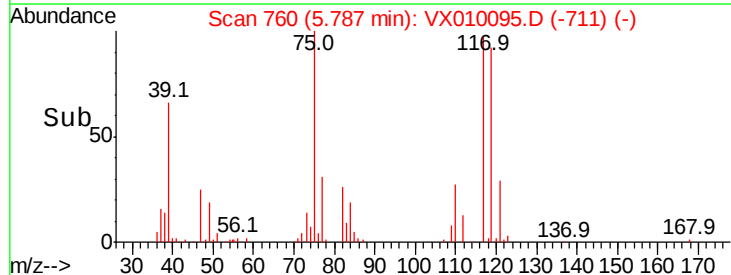
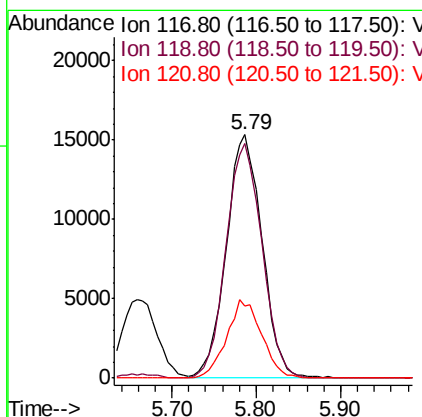
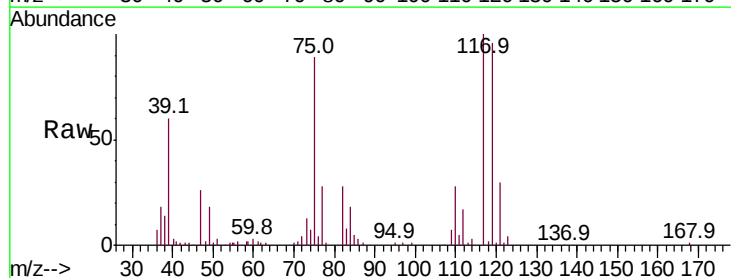
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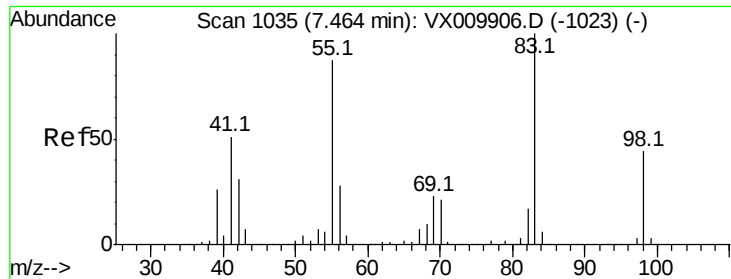
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#38
Carbon Tetrachloride
Concen: 19.746 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	117	Resp	44247
Ion Ratio	100	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	29.7	25.4	38.0





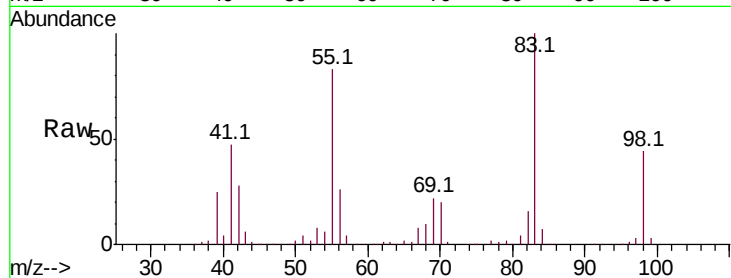
#39
Methvlcvclohexane
Concen: 19.721 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

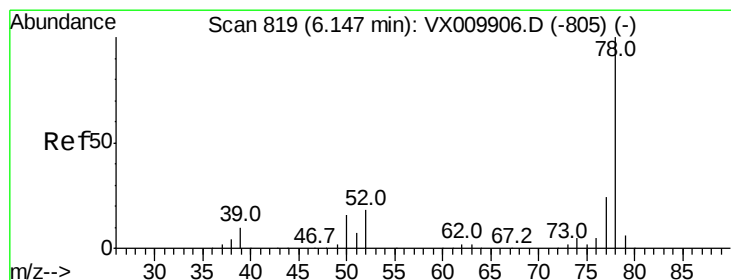
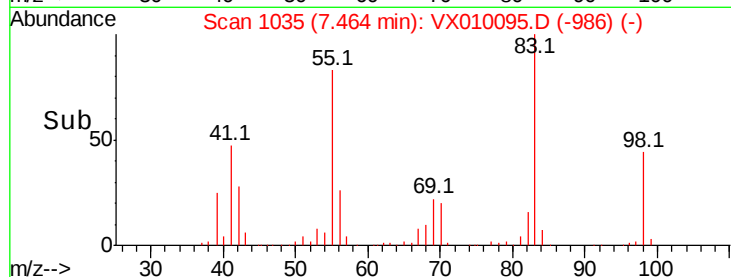
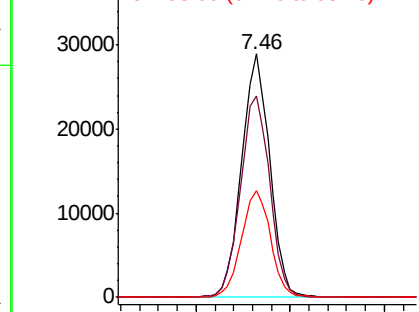
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.8	69.9	104.9
98	43.9	35.1	52.7

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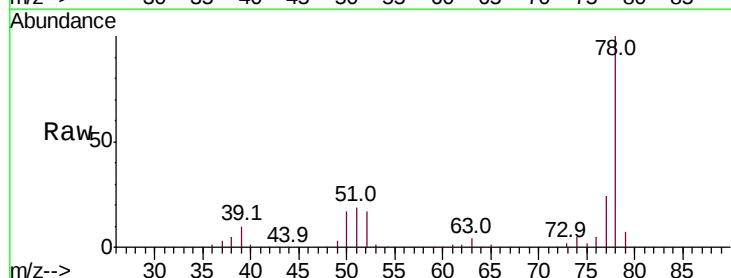


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

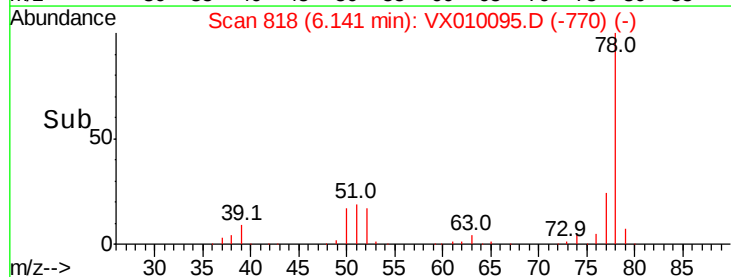
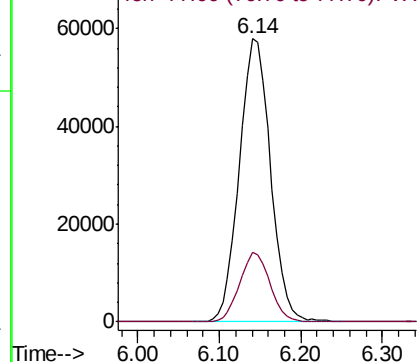


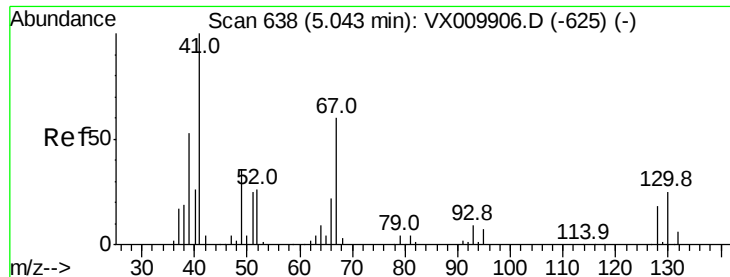
#40
Benzene
Concen: 19.964 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.071 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

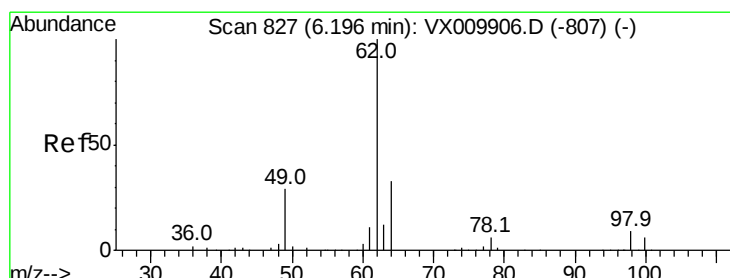
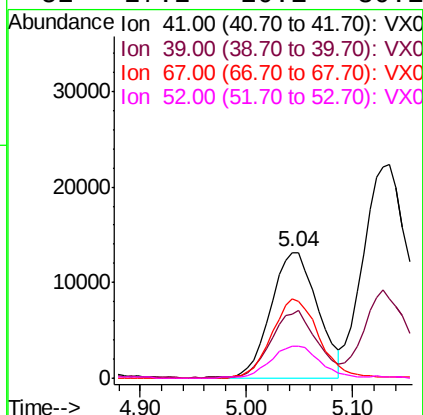
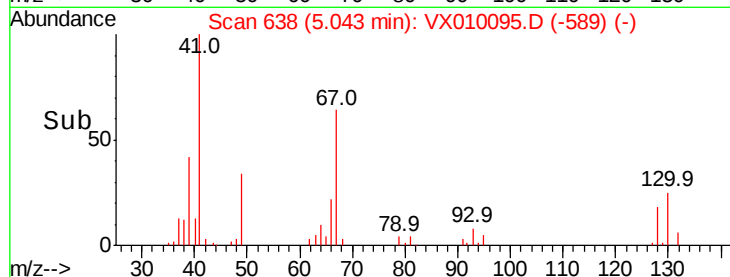
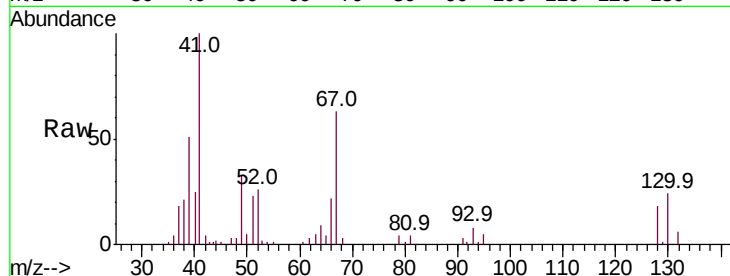
ClientSampleId :

VX0605WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.1	42.2	63.4	
67	63.2	48.9	73.3	
52	27.2	20.1	30.1	

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#42

1,2-Dichloroethane

Concen: 19.549 ug/l

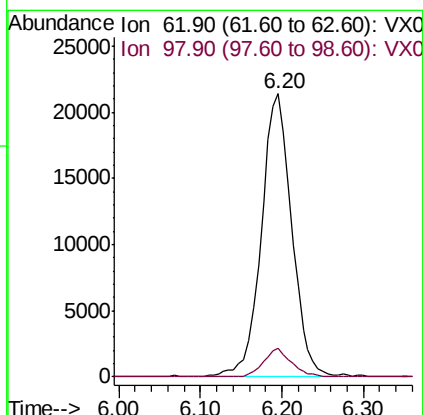
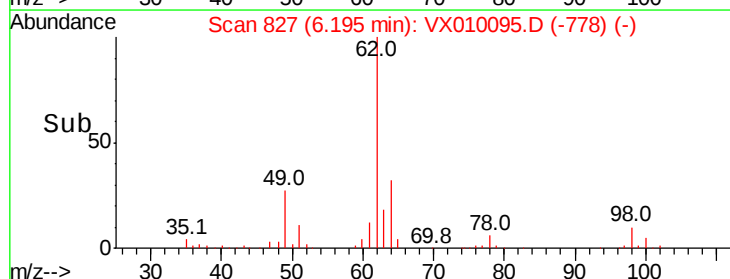
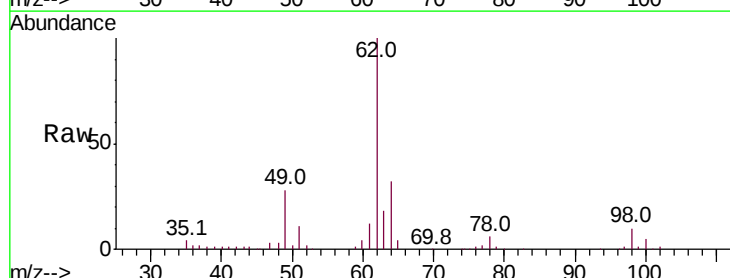
RT: 6.20 min Scan# 827

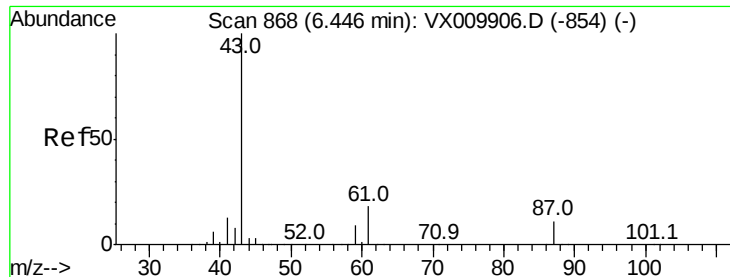
Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.2	





#43

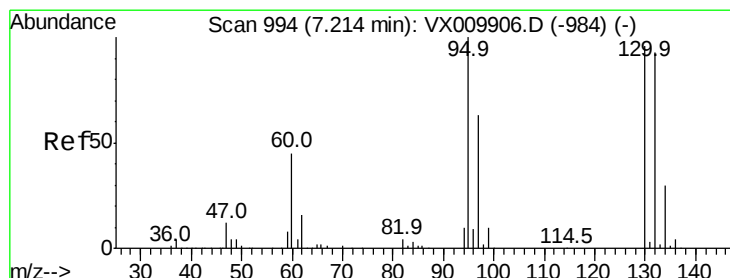
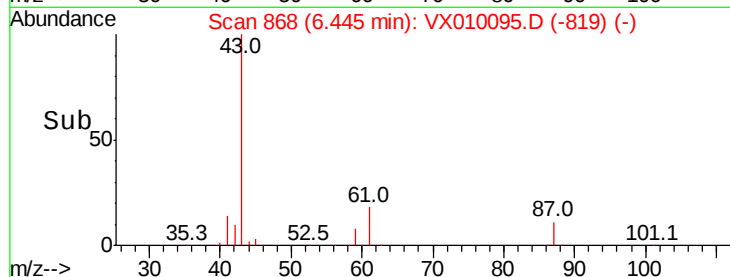
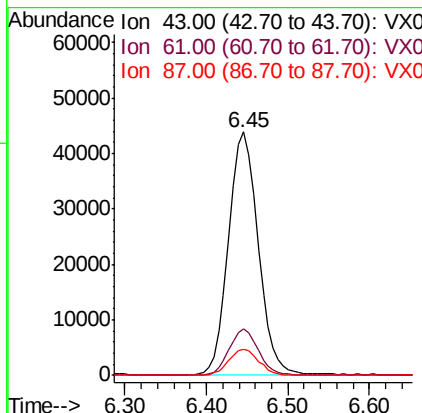
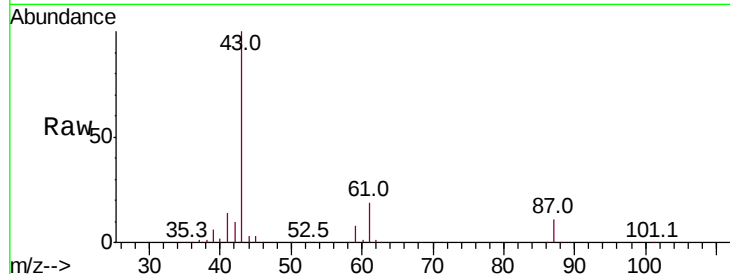
Isopropyl Acetate
 Concen: 18.870 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.6	21.8
87	11.0	8.7	13.1

Manual Integrations
 APPROVED

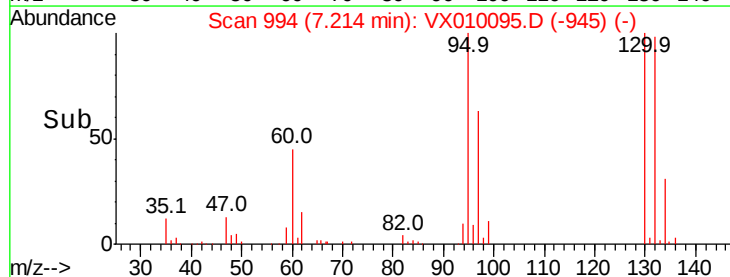
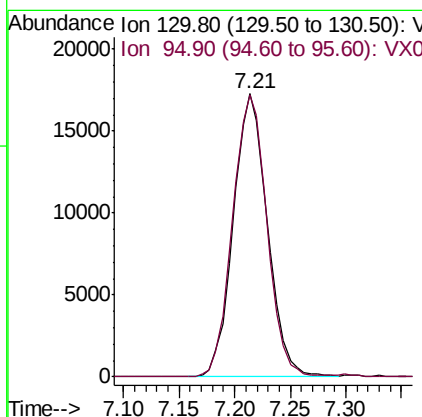
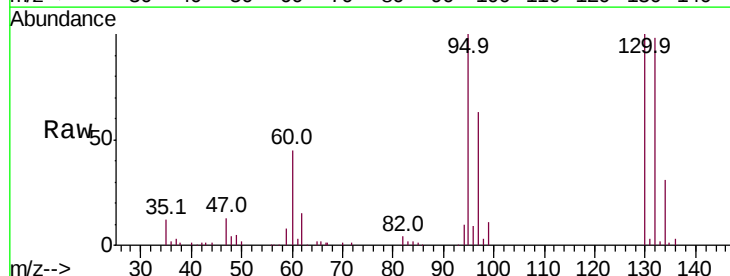
MMDadoda
 6/6/2019 10:12:01 AM

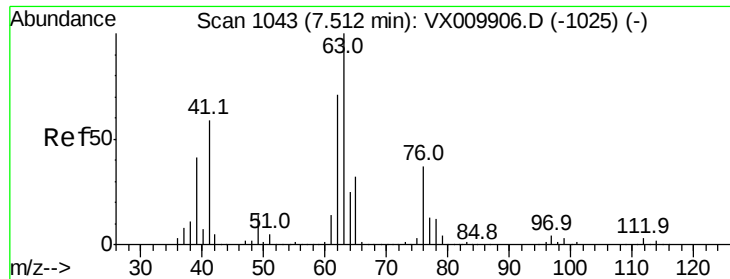


#44

Trichloroethene
 Concen: 19.631 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	207.4





#45

1,2-Dichloropropane

Concen: 19.247 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 63 Resp: 42620

Ion Ratio Lower Upper

63 100

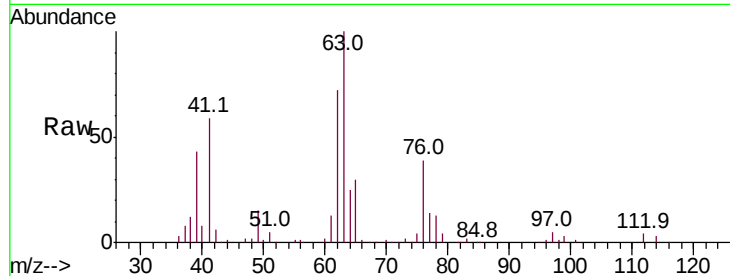
65 29.5 25.7 38.5

Manual Integrations

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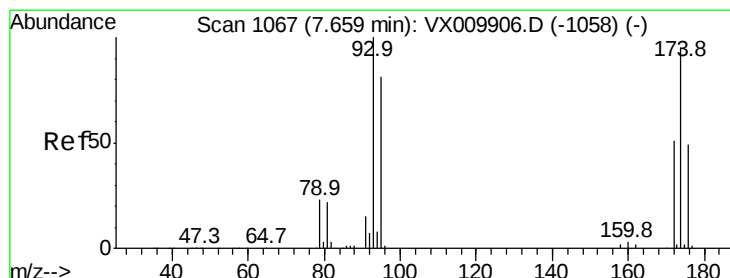
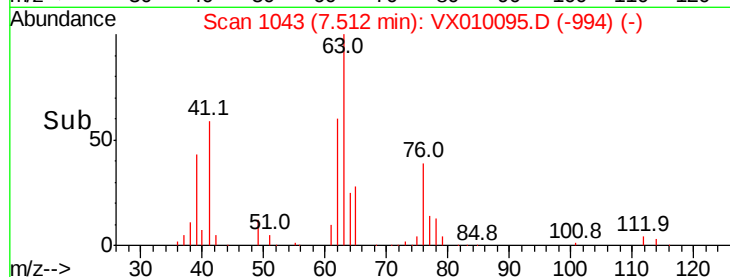
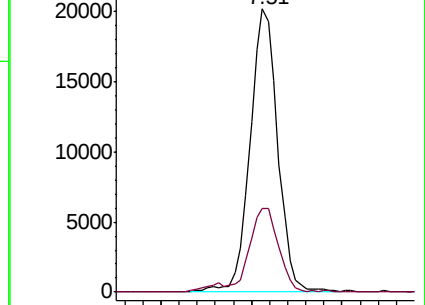
MMDadoda

6/6/2019 10:12:01 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.594 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

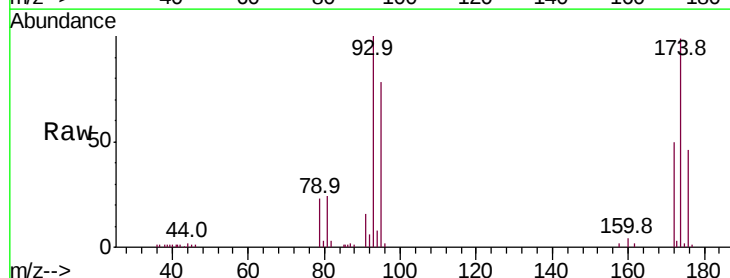
Tgt Ion: 93 Resp: 24237

Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

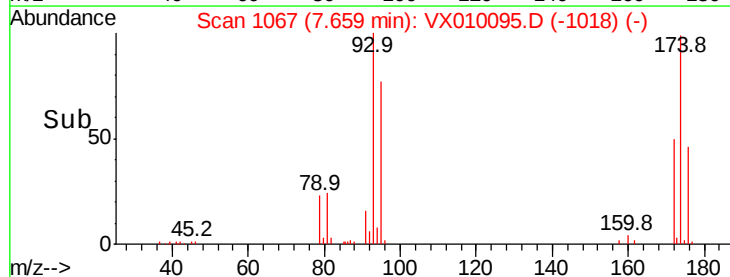
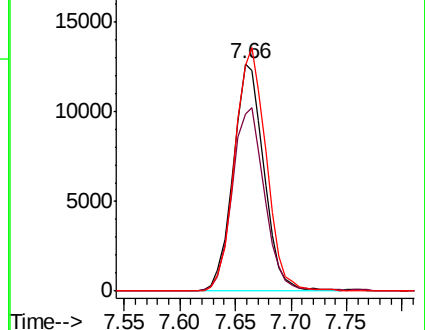
174 109.0 81.9 122.9

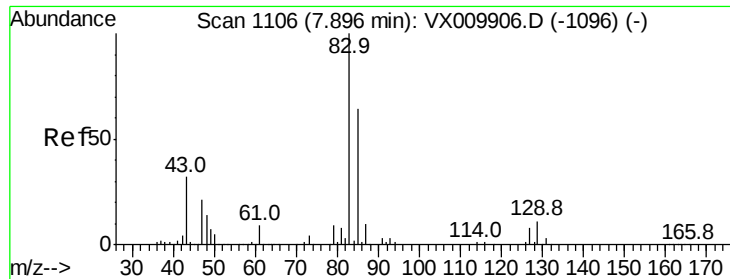


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





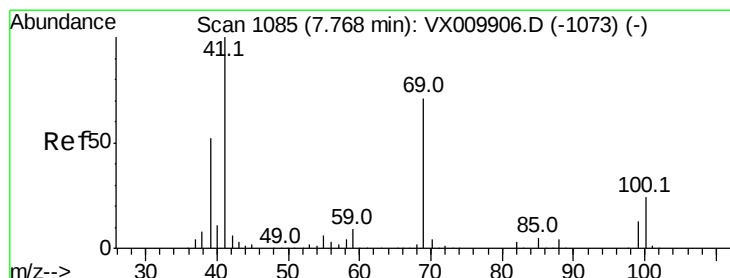
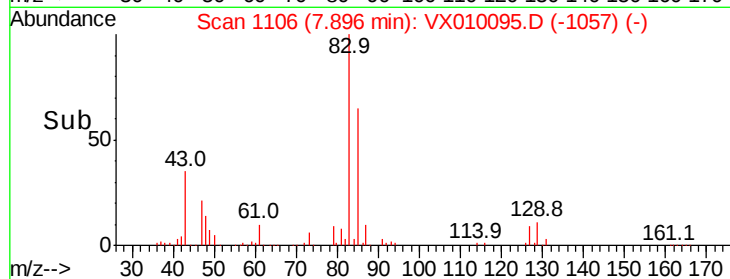
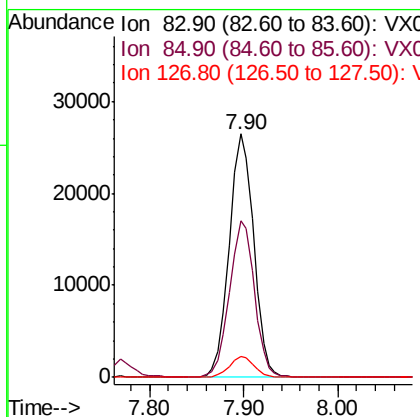
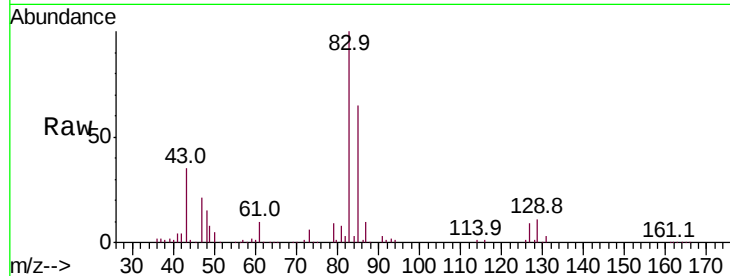
#47
Bromodichloromethane
Concen: 19.374 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampled :
VX0605WBS02

Tot Ion	83	Resp	48021
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.4	77.2
127	8.5	6.4	9.6

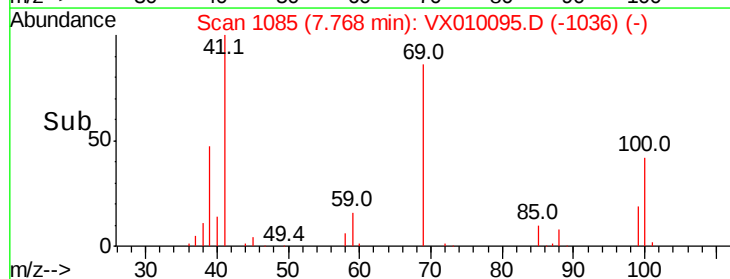
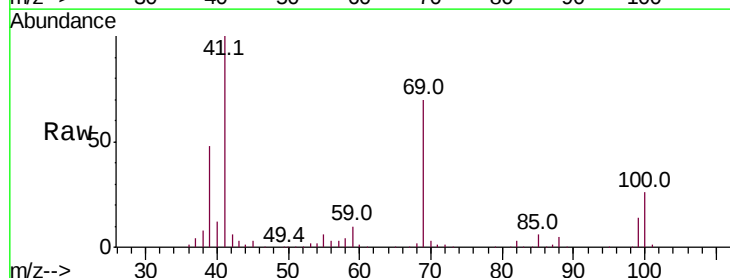
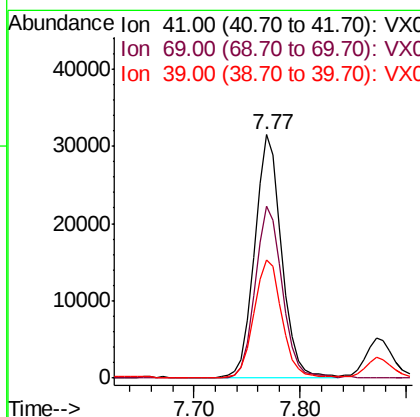
Manual Integrations
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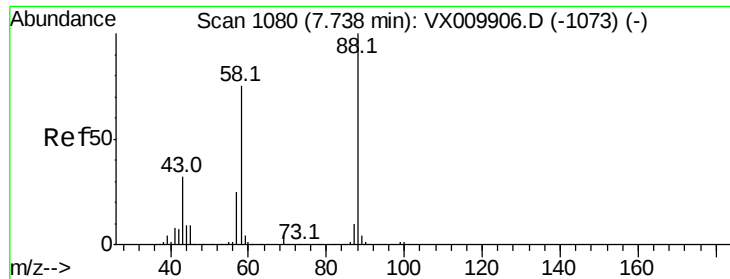
MMDadoda
6/6/2019 10:12:01 AM



#48
Methyl methacrylate
Concen: 19.330 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	41	Resp	55789
Ion Ratio	100	Lower	Upper
41	100		
69	72.0	56.4	84.6
39	50.2	40.6	60.8





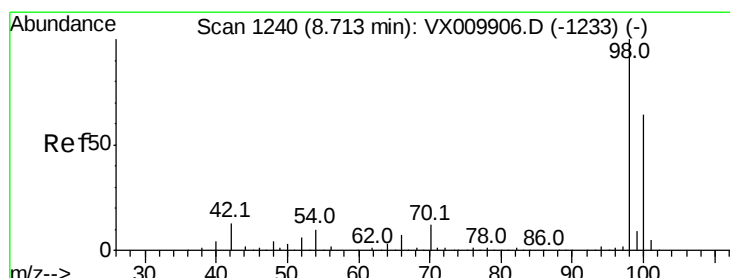
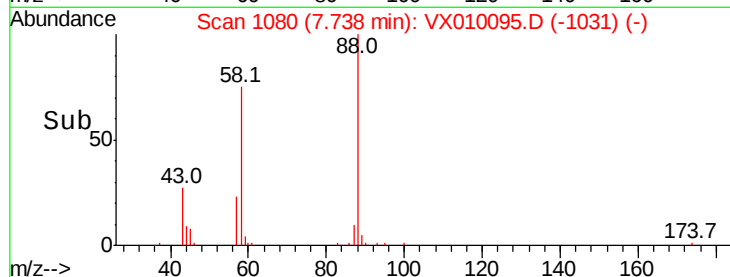
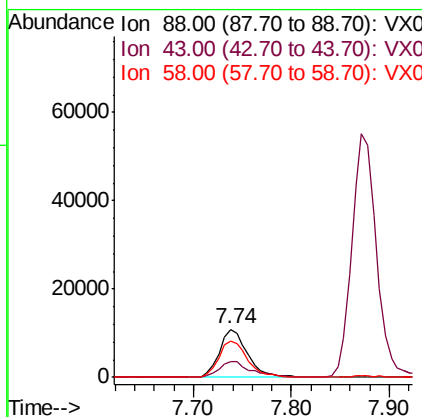
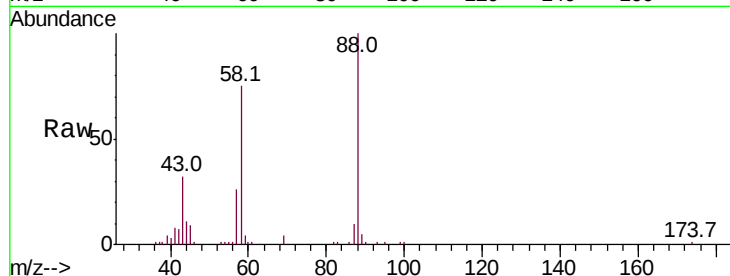
#49
1,4-Dioxane
Concen: 403.173 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.2	45.4
58	78.4	64.0	96.0

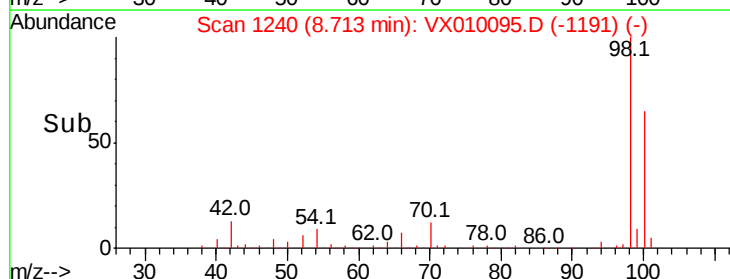
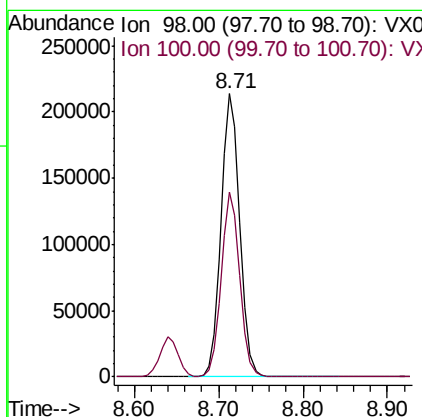
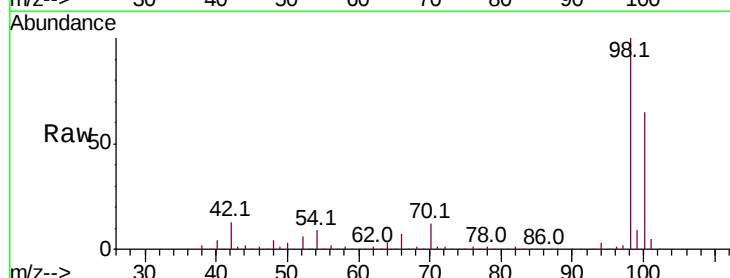
Manual Integrations
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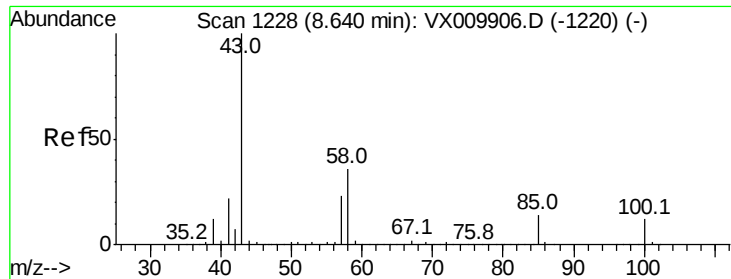
MMDadoda
6/6/2019 10:12:01 AM



#50
Toluene-d8
Concen: 50.266 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 97.667 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 43 Resp: 370406

Ion Ratio Lower Upper

43 100

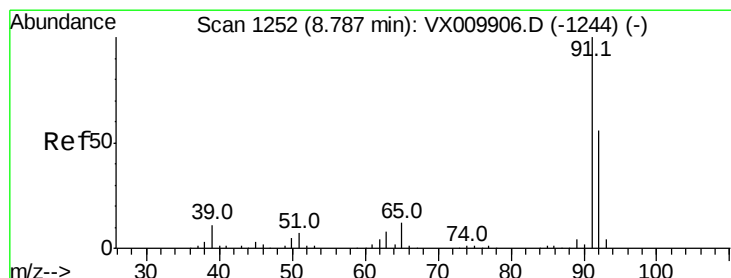
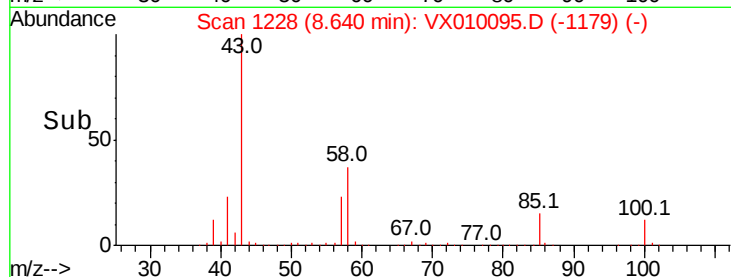
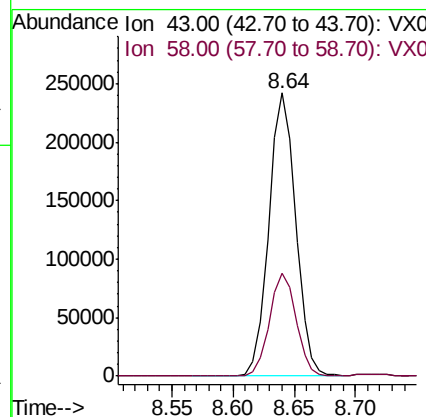
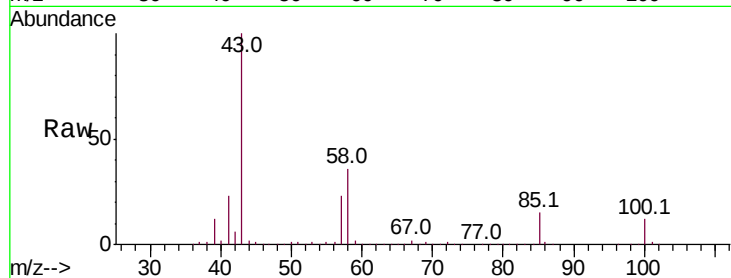
58 36.3 28.8 43.2

Manual Integrations

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MMDadoda

6/6/2019 10:12:01 AM



#52

Toluene

Concen: 20.102 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010095.D

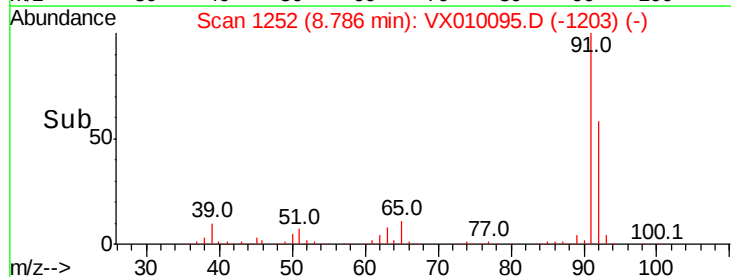
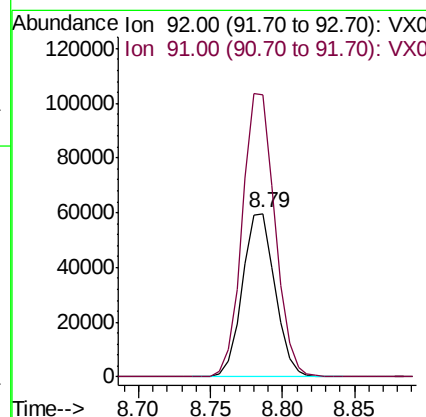
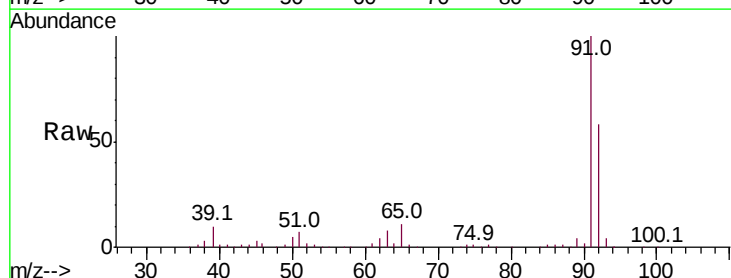
Acq: 05 Jun 2019 23:28

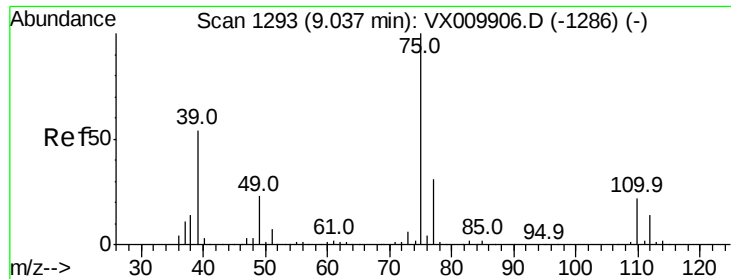
Tgt Ion: 92 Resp: 93889

Ion Ratio Lower Upper

92 100

91 173.5 139.9 209.9





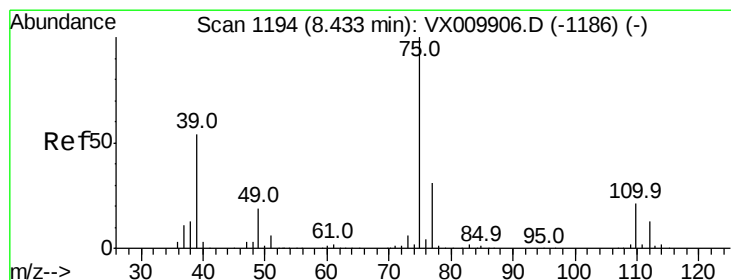
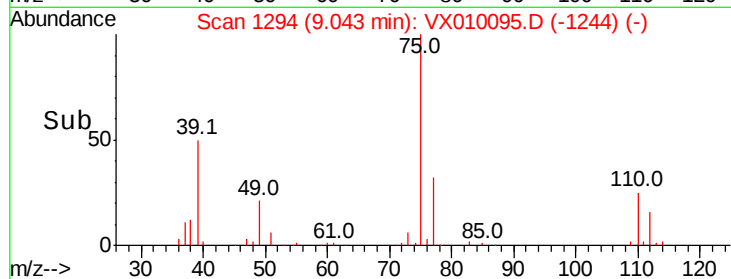
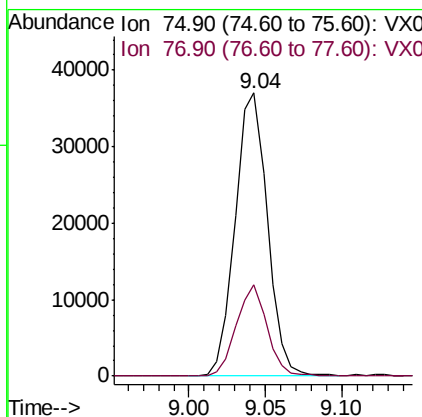
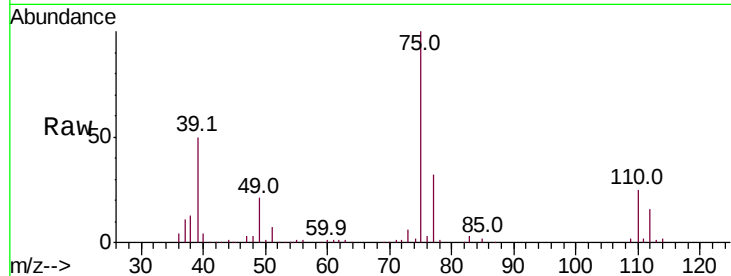
#53
t-1,3-Dichloropropene
Concen: 18.279 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion: 75 Resp: 54336
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8

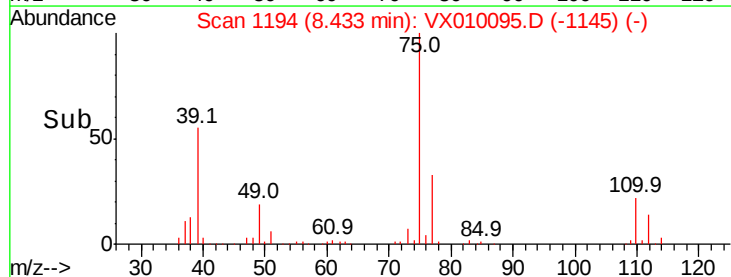
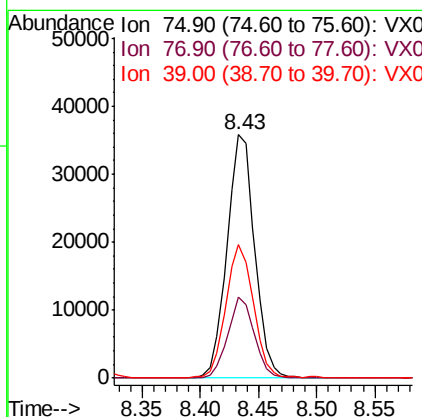
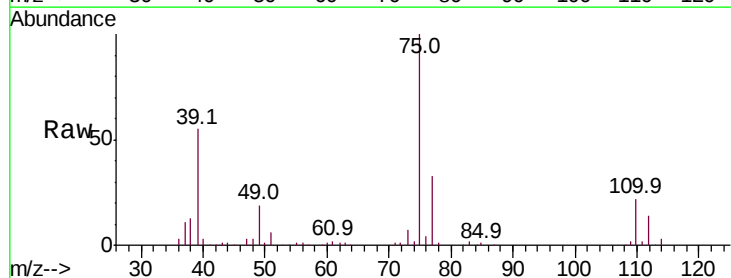
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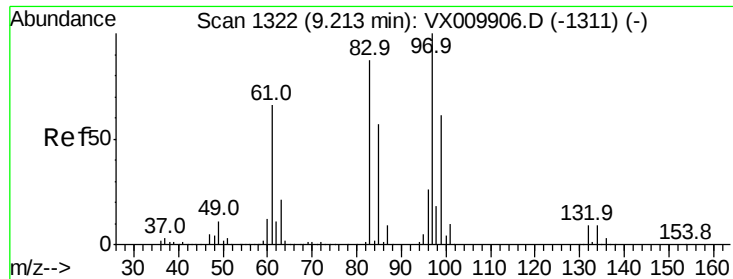
MMDadoda
6/6/2019 10:12:01 AM



#54
cis-1,3-Dichloropropene
Concen: 18.282 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion: 75 Resp: 59212
Ion Ratio Lower Upper
75 100
77 33.2 24.8 37.2
39 54.5 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.025 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

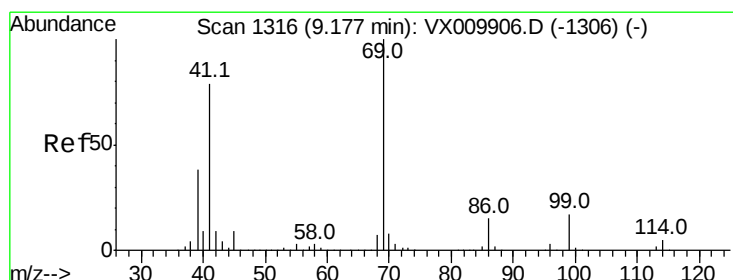
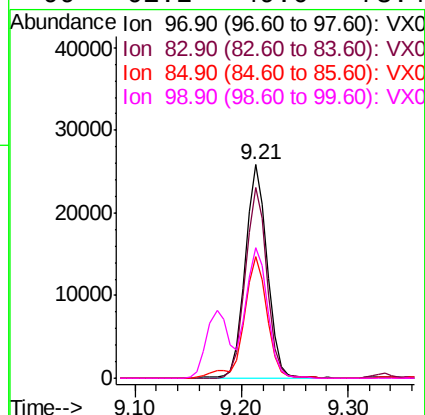
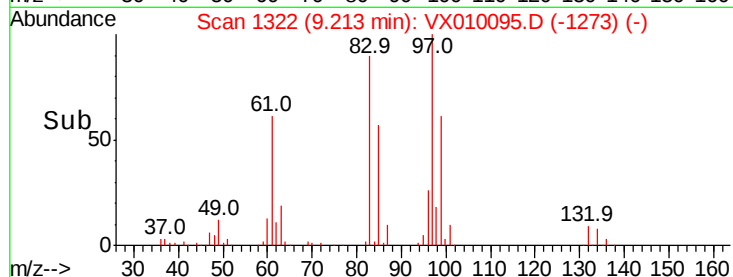
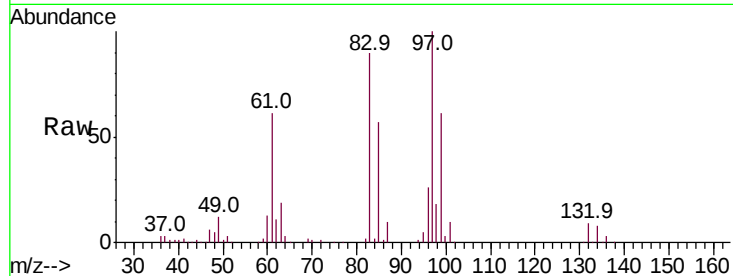
ClientSampled :

VX0605WBS02

Tot Ion:	97	Resp:	37643
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.8	104.8
85	56.7	45.3	67.9
99	61.2	49.0	73.4

Manual Integrations
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6/6/2019 10:12:01 AM



#56

Ethyl methacrylate

Concen: 20.126 ug/l

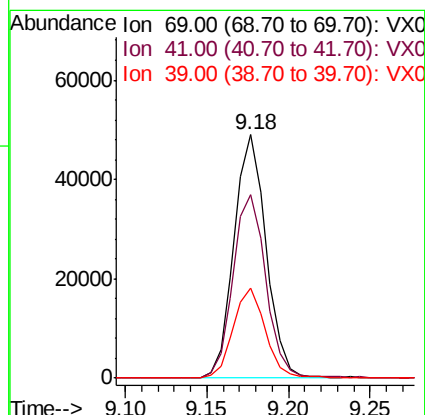
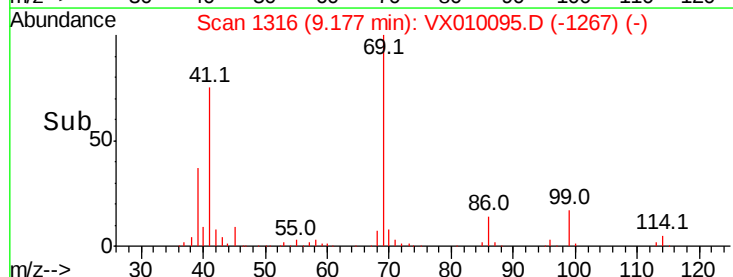
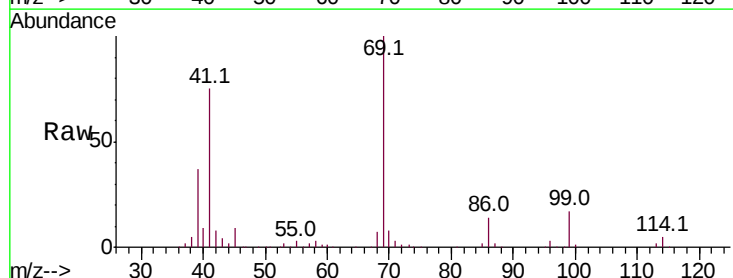
RT: 9.18 min Scan# 1316

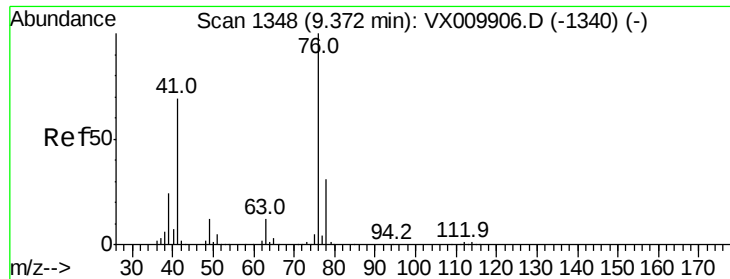
Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion:	69	Resp:	67356
Ion	Ratio	Lower	Upper
69	100		
41	76.9	62.7	94.1
39	37.1	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.472 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 76 Resp: 65738

Ion Ratio Lower Upper

76 100

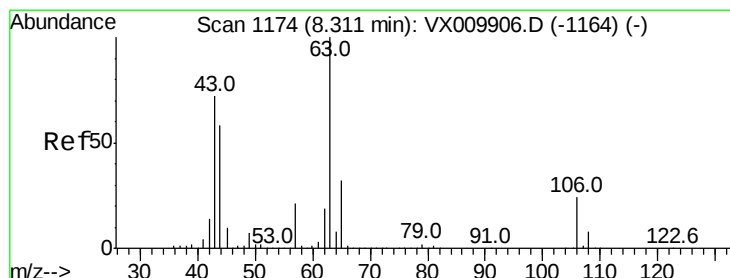
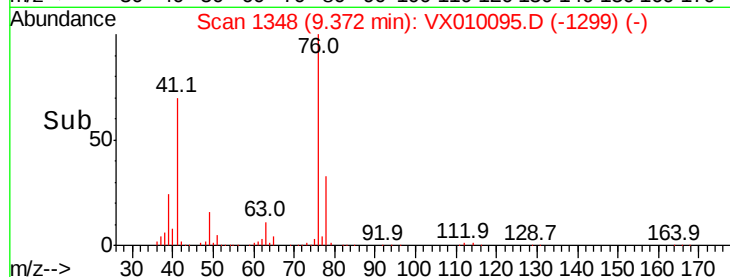
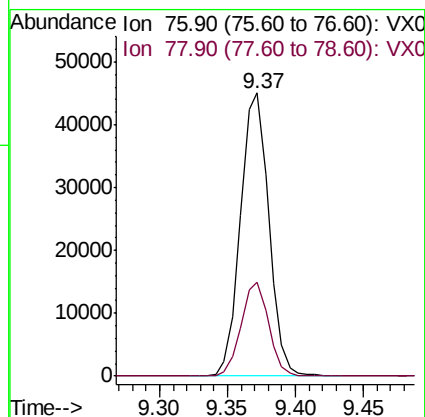
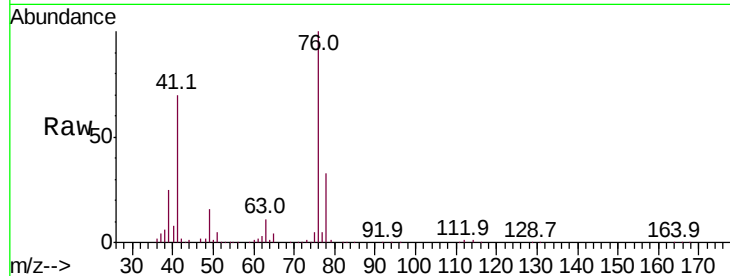
78 32.3 25.4 38.0

Manual Integrations

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6/6/2019 10:12:01 AM



#58

2-Chloroethyl Vinyl ether

Concen: 88.914 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010095.D

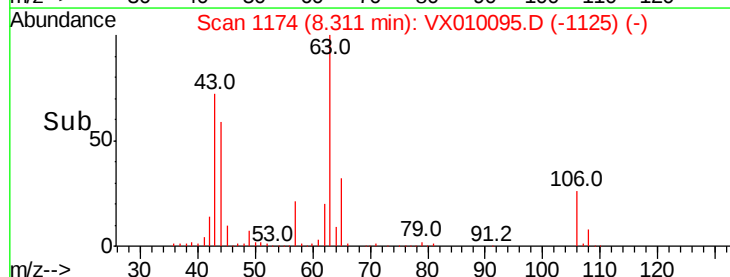
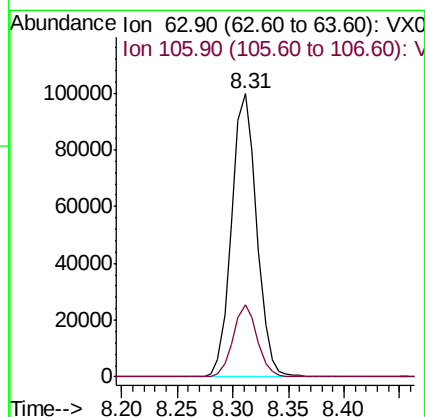
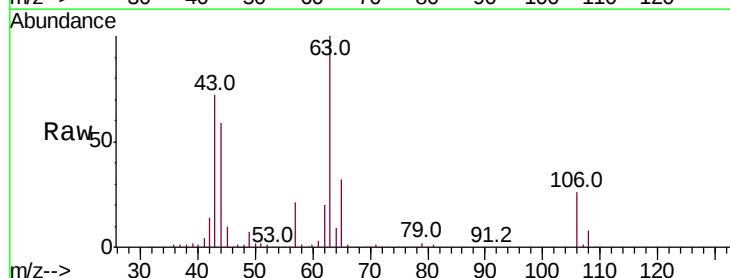
Acq: 05 Jun 2019 23:28

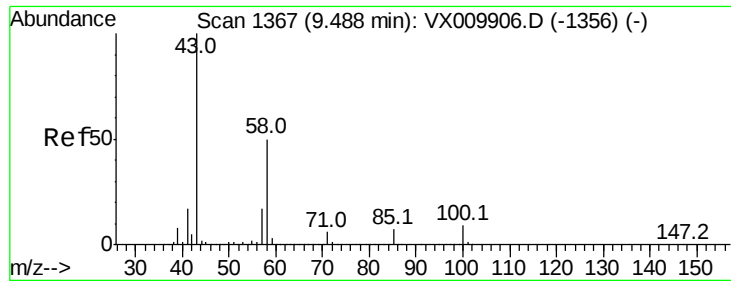
Tgt Ion: 63 Resp: 156038

Ion Ratio Lower Upper

63 100

106 24.6 19.4 29.2





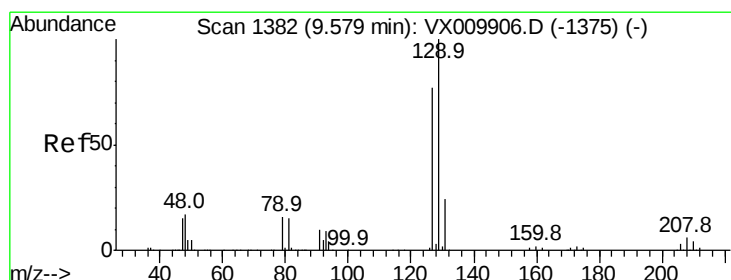
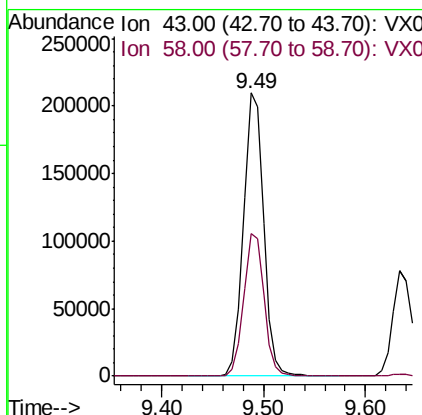
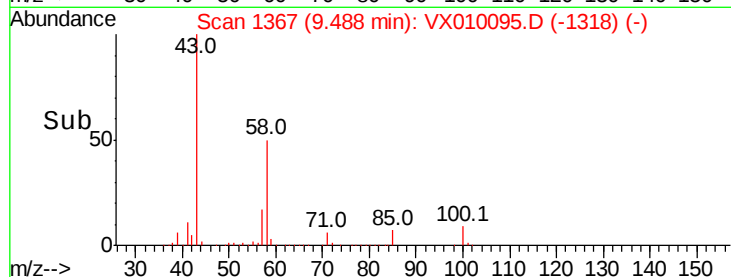
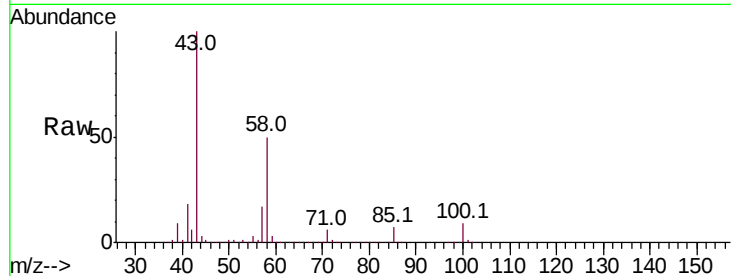
#59
2-Hexanone
Concen: 97.818 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion: 43 Resp: 285619
Ion Ratio Lower Upper
43 100
58 51.0 25.1 75.3

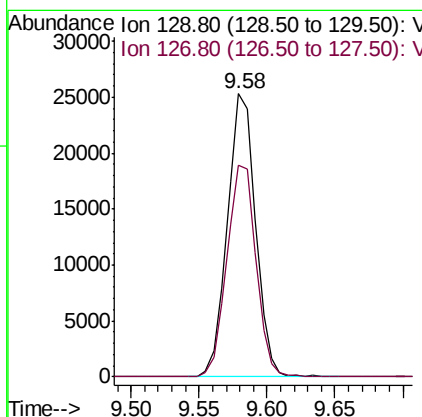
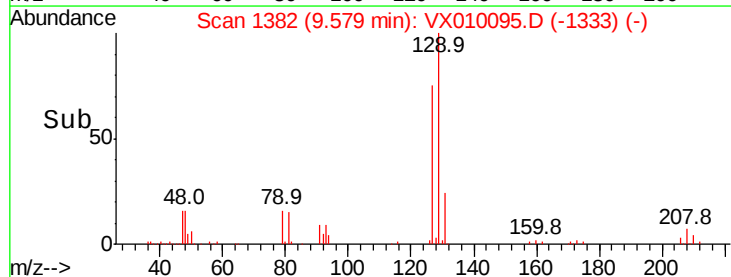
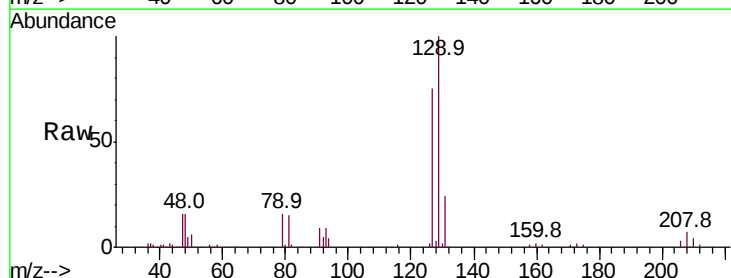
Manual Integrations
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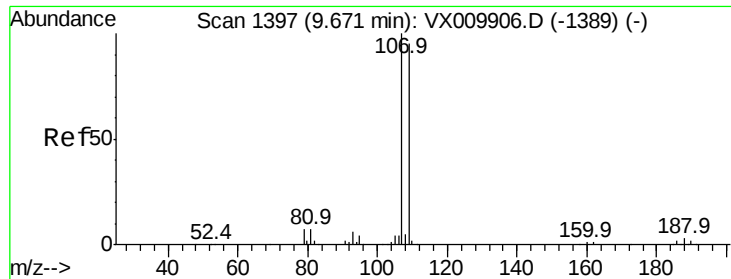
MMDadoda
6/6/2019 10:12:01 AM



#60
Dibromochloromethane
Concen: 19.717 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion: 129 Resp: 36461
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.065 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion:107 Resp: 38750

Ion Ratio Lower Upper

107 100

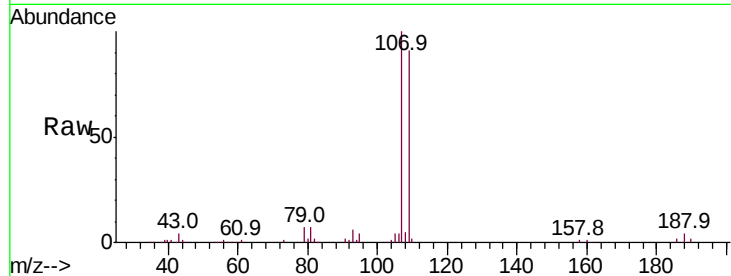
109 92.0 75.4 113.2

Manual Integrations

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MMDadoda

6/6/2019 10:12:01 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

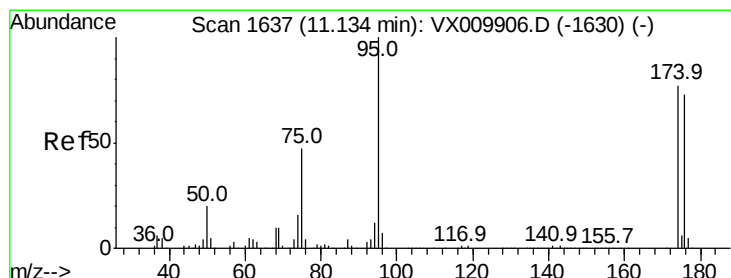
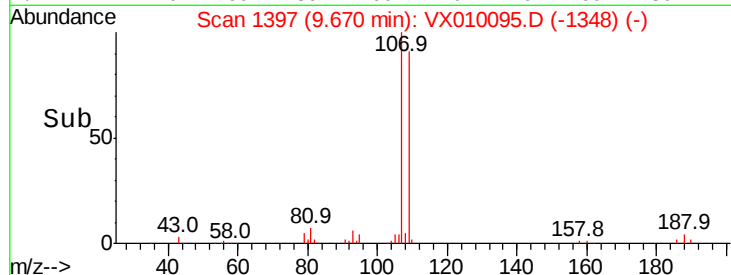
10000

5000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.268 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

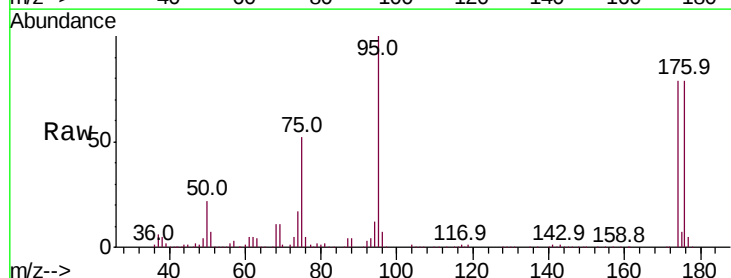
Tgt Ion: 95 Resp: 117811

Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.4

176 81.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

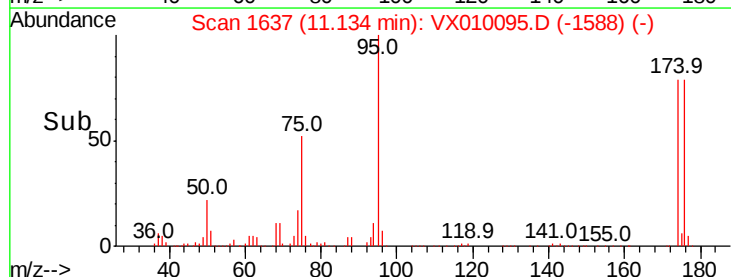
40000

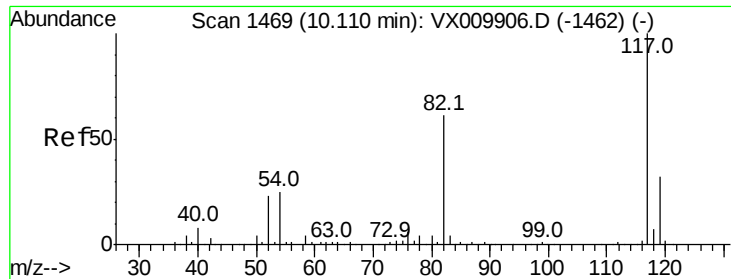
20000

0

11.10 11.20

Time-->





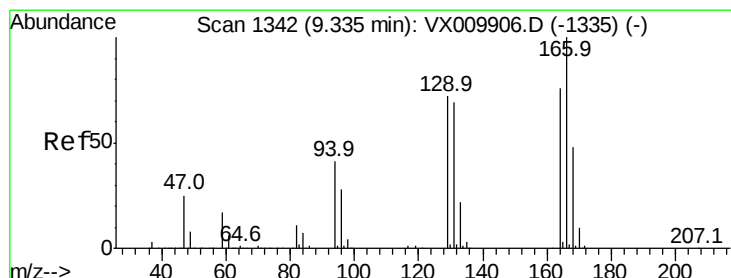
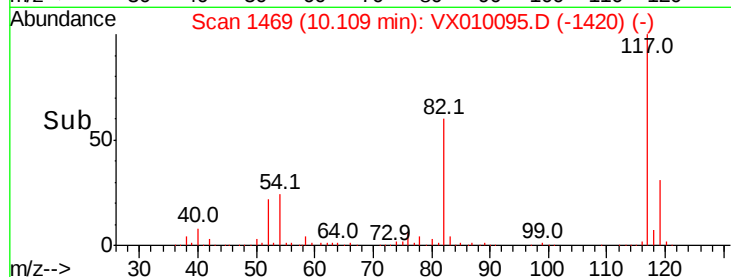
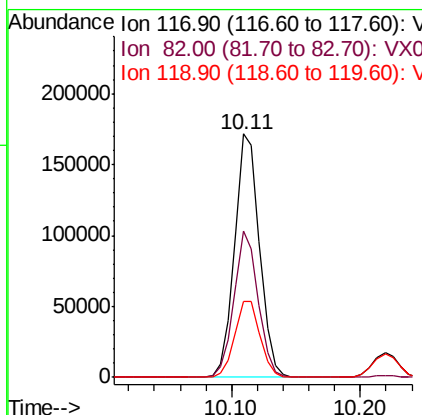
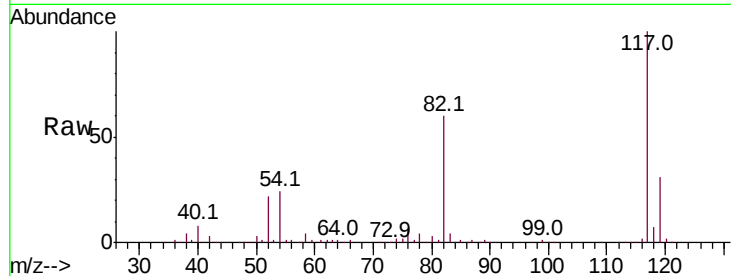
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.2	73.8
119	31.1	25.2	37.8

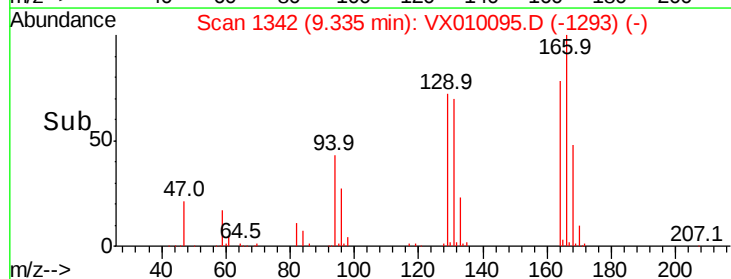
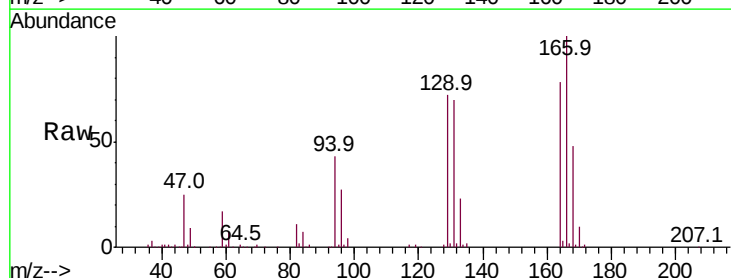
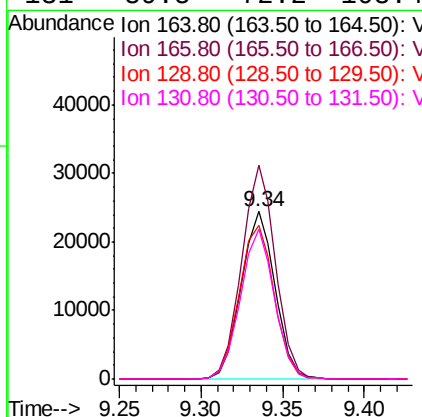
Manual Integrations
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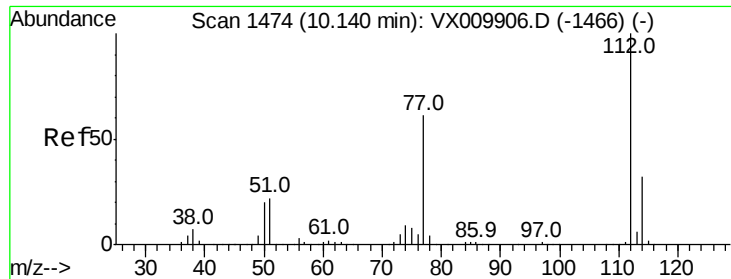
MMDadoda
6/6/2019 10:12:01 AM



#64
Tetrachloroethene
Concen: 21.873 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	105.0	157.4
129	91.7	75.1	112.7
131	89.5	72.2	108.4





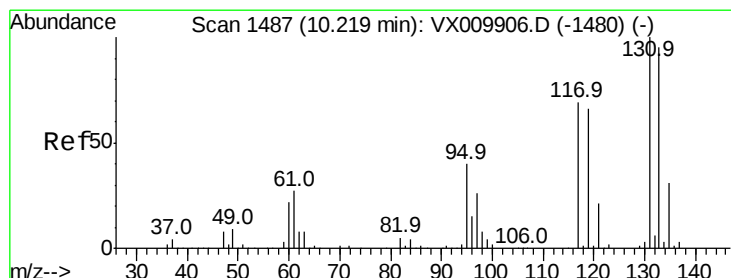
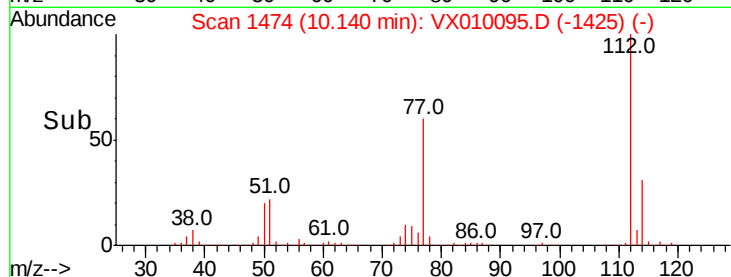
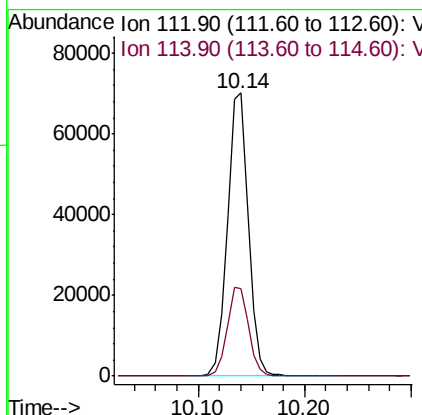
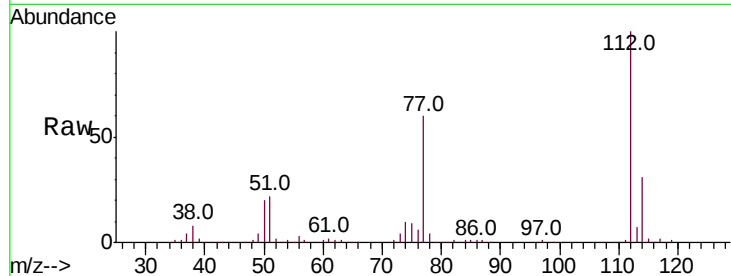
#65
Chlorobenzene
Concen: 19.996 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion:112 Resp: 96855
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8

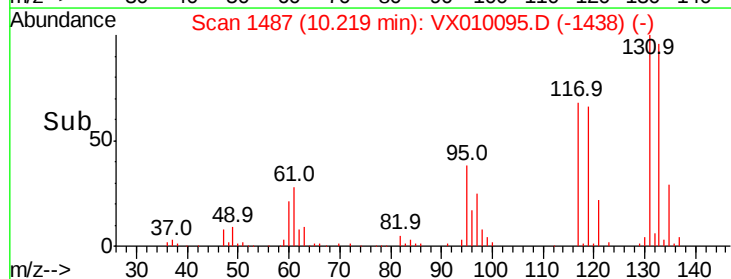
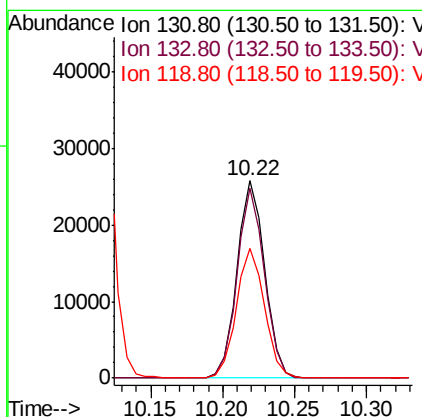
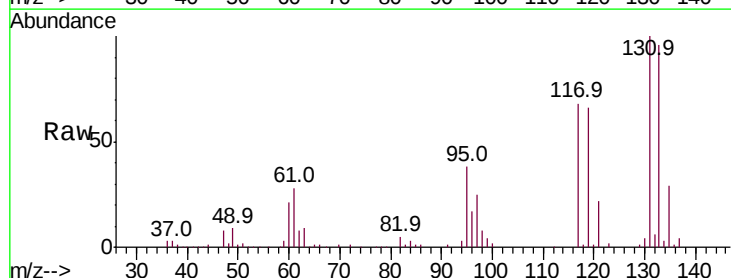
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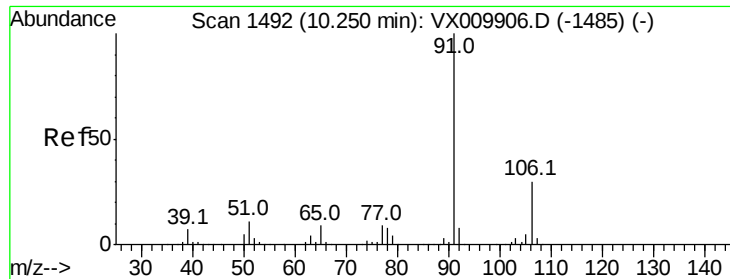
MMDadoda
6/6/2019 10:12:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.553 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion:131 Resp: 34529
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 67.1 33.4 100.1





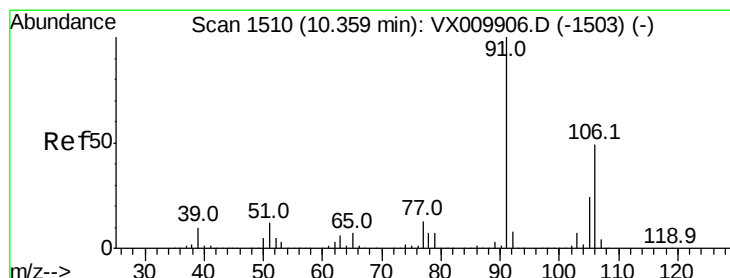
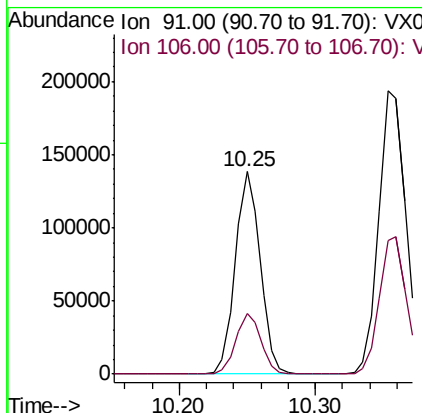
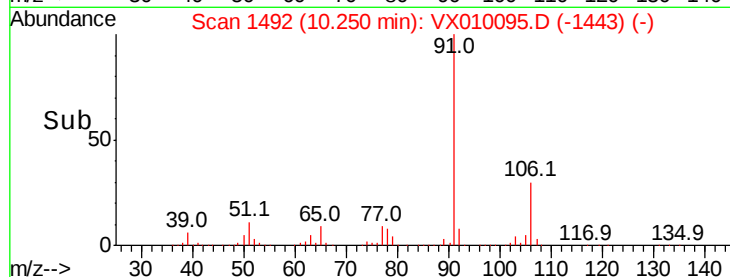
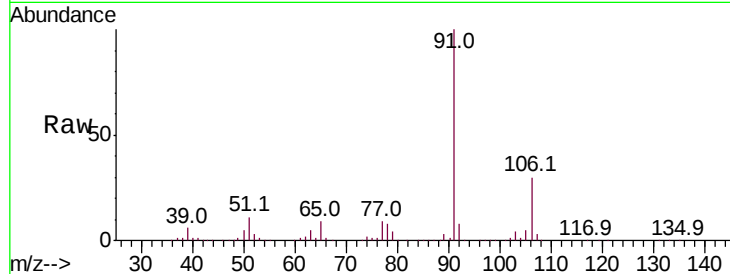
#67
Ethyl Benzene
Concen: 20.340 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampled :
VX0605WBS02

Tot Ion: 91 Resp: 176895
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

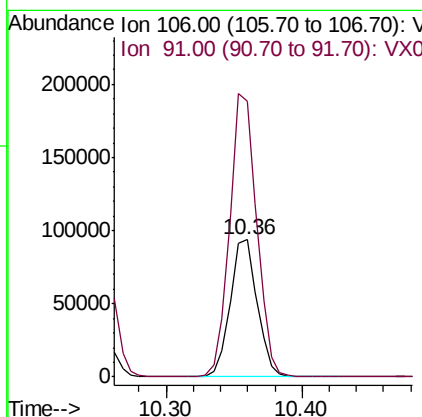
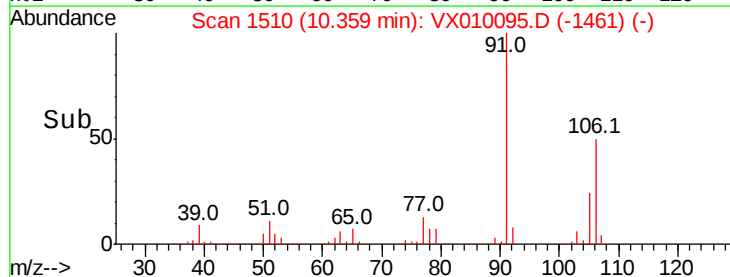
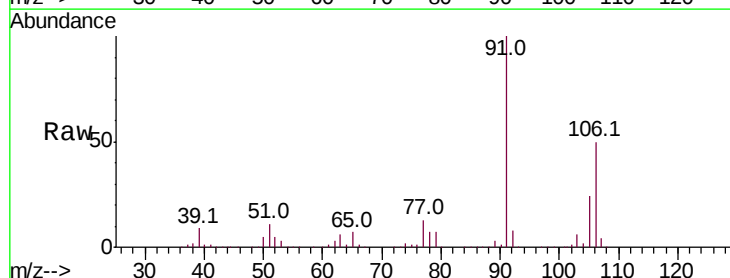
Manual Integrations
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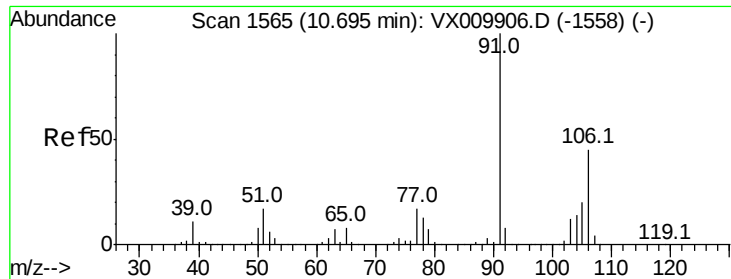
MMDadoda
6/6/2019 10:12:01 AM



#68
m/p-Xylenes
Concen: 40.316 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion: 106 Resp: 129533
Ion Ratio Lower Upper
106 100
91 206.7 167.3 250.9





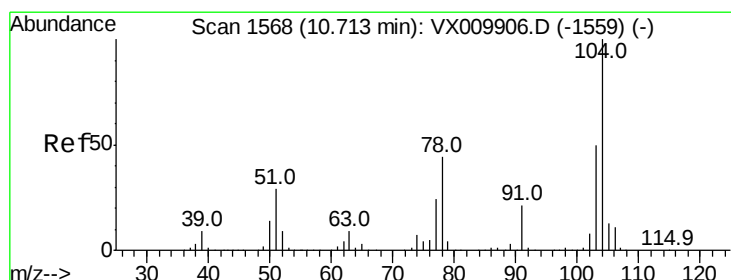
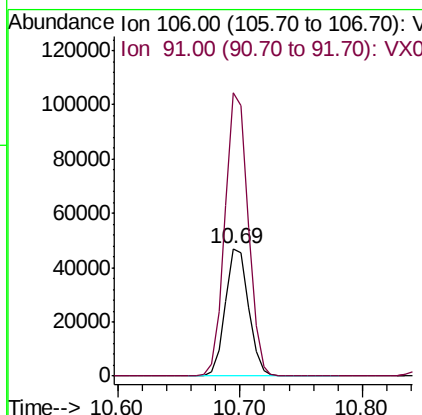
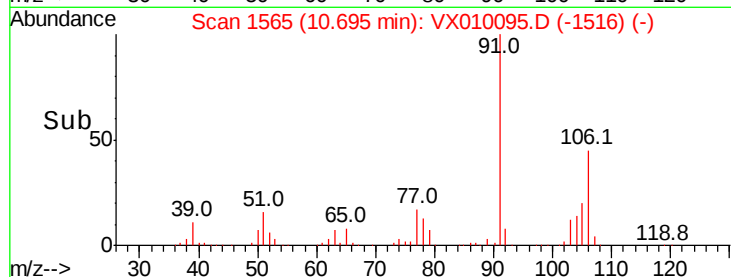
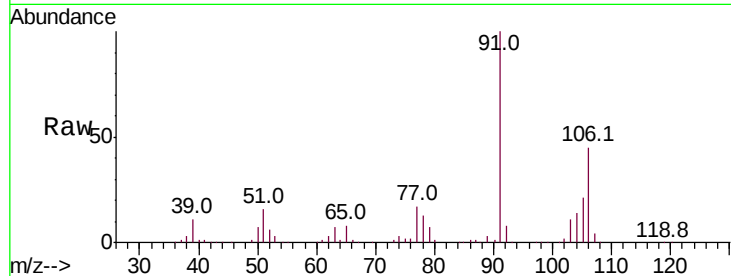
#69
o-Xylene
Concen: 20.109 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion:106 Resp: 61964
Ion Ratio Lower Upper
106 100
91 221.7 110.4 331.2

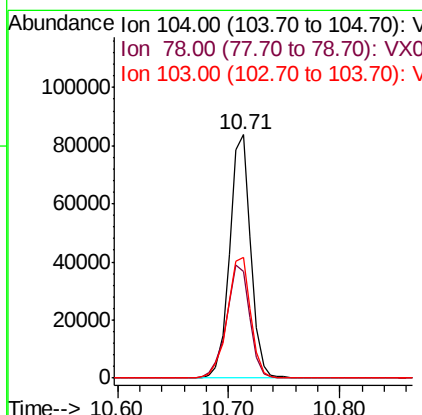
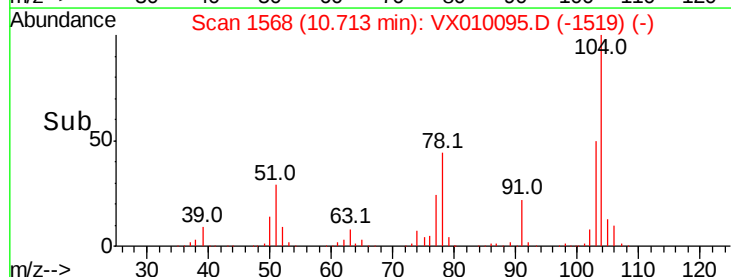
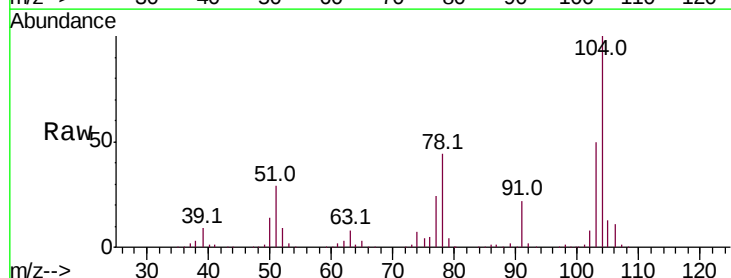
Manual Integrations
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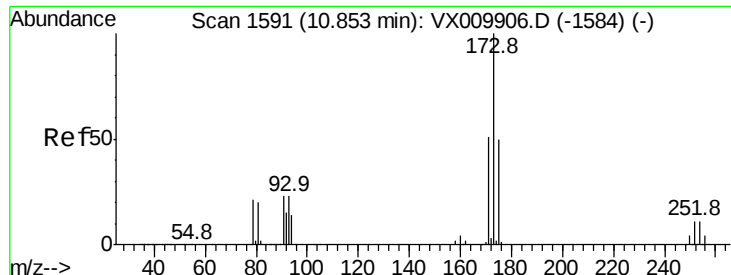
MMDadoda
6/6/2019 10:12:01 AM



#70
Styrene
Concen: 20.157 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion:104 Resp: 108909
Ion Ratio Lower Upper
104 100
78 51.9 42.1 63.1
103 54.9 44.1 66.1





#71

Bromoform

Concen: 20.381 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion:173 Resp: 27988

Ion Ratio Lower Upper

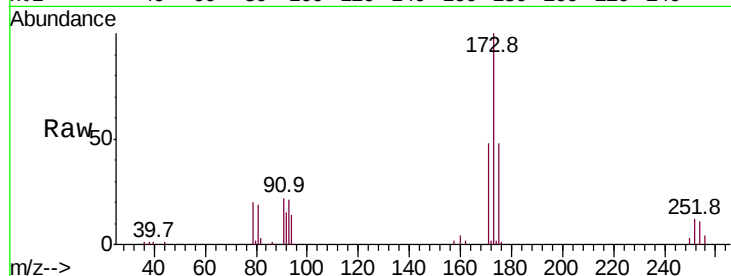
173 100

175 48.1 25.0 75.0

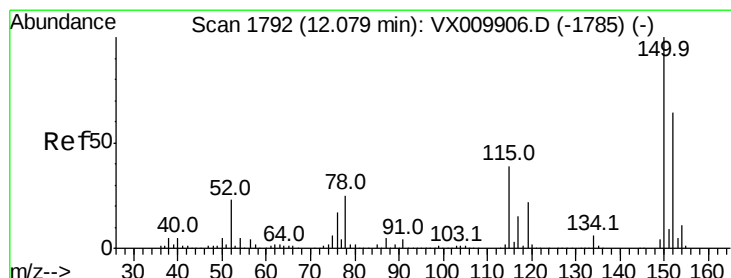
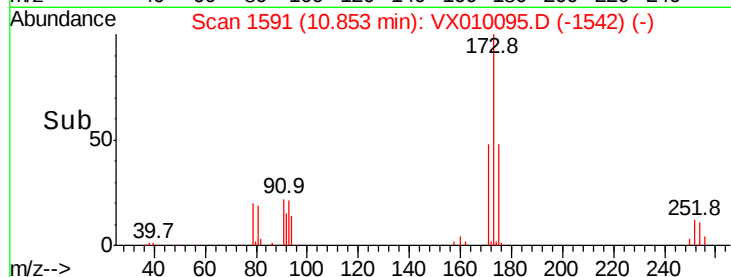
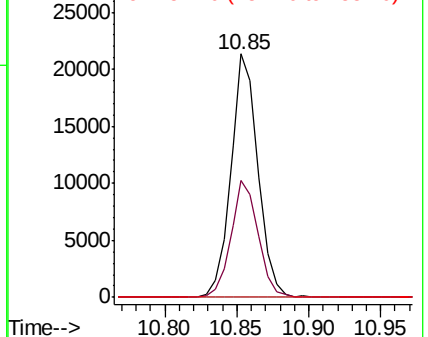
254 0.0 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

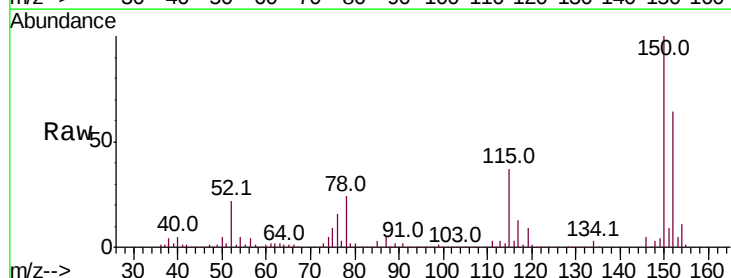
Tgt Ion:152 Resp: 111602

Ion Ratio Lower Upper

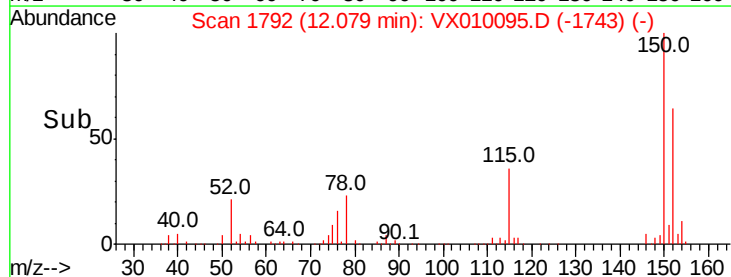
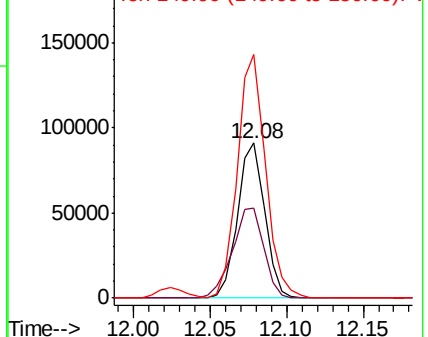
152 100

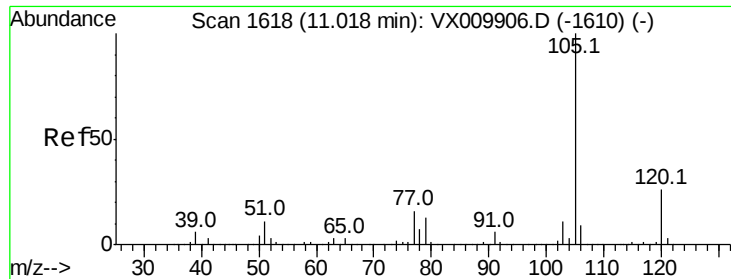
115 67.5 41.4 124.2

150 163.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 20.518 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion: 105 Resp: 168953

Ion Ratio Lower Upper

105 100

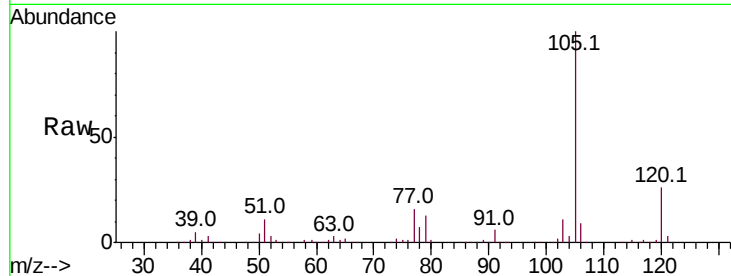
120 25.9 12.8 38.4

Manual Integrations

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6/6/2019 10:12:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

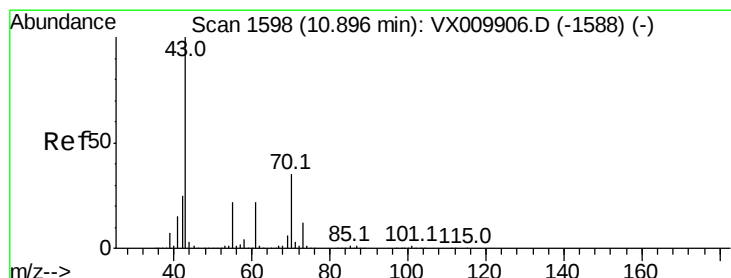
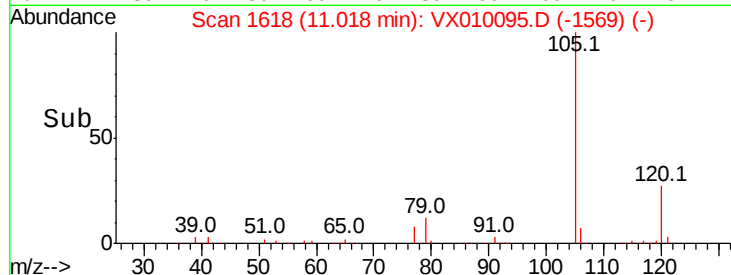
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.352 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion: 43 Resp: 95221

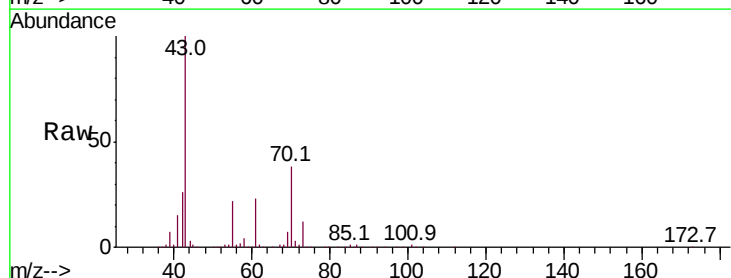
Ion Ratio Lower Upper

43 100

70 37.3 28.6 43.0

55 23.0 17.8 26.8

61 22.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

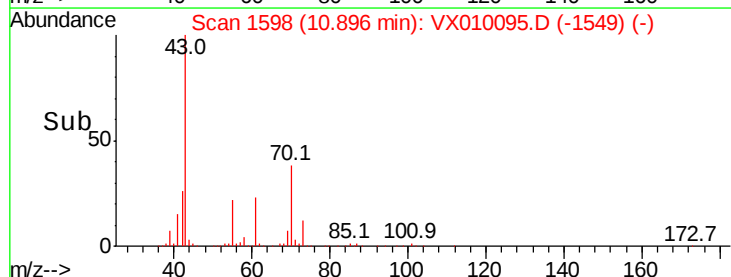
60000

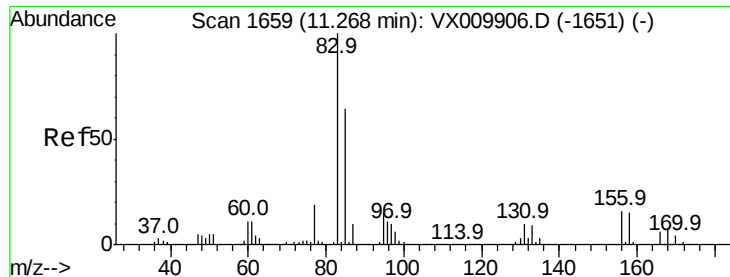
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.740 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

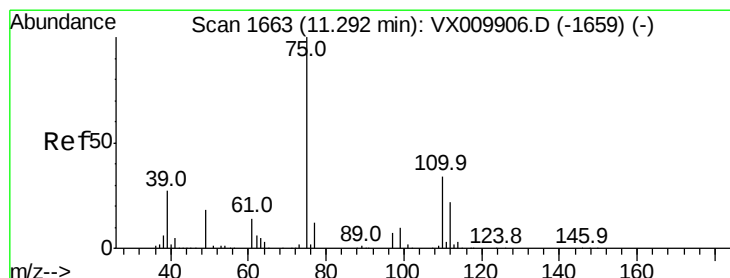
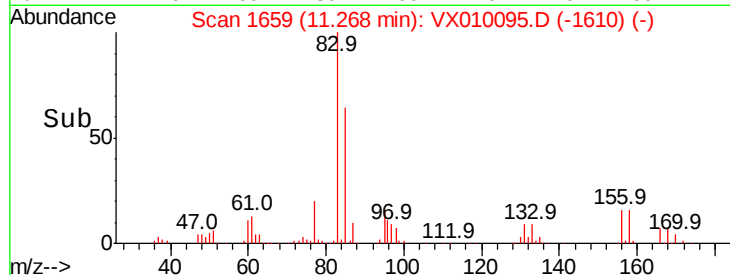
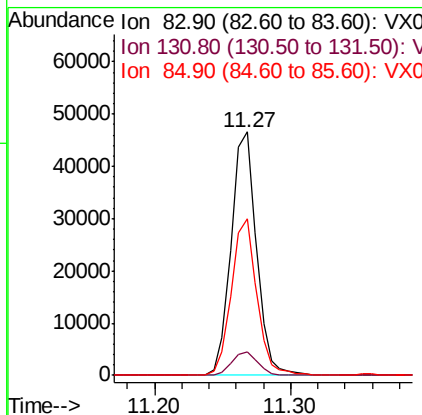
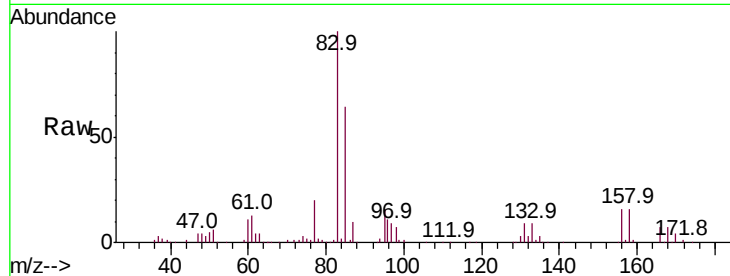
ClientSampled :

VX0605WBS02

Tot Ion:	83	Resp:	60642
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.7	14.1
85	64.4	31.9	95.9

Manual Integrations
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6/6/2019 10:12:01 AM



#76

1,2,3-Trichloropropane

Concen: 20.266 ug/l m

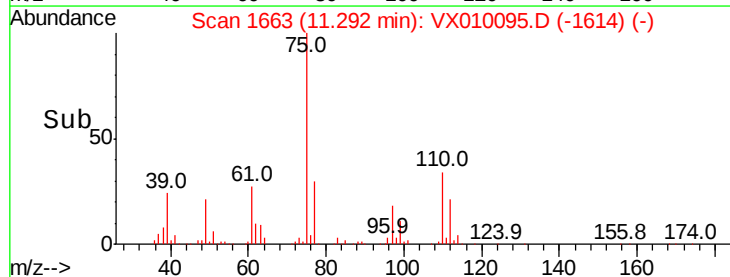
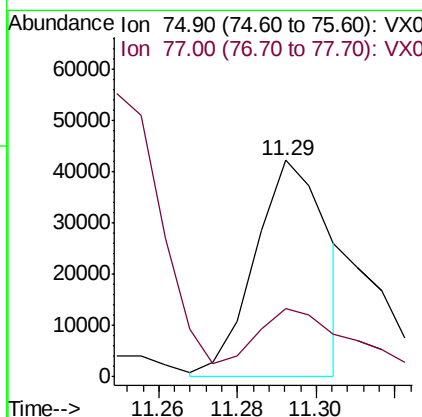
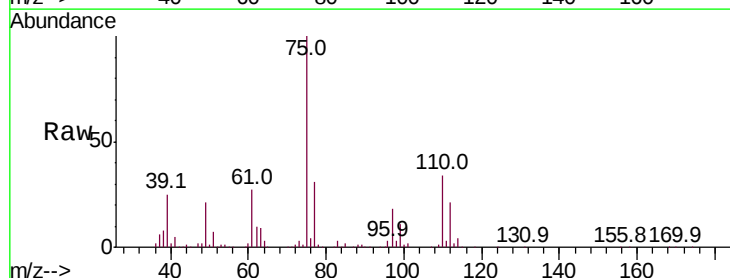
RT: 11.29 min Scan# 1663

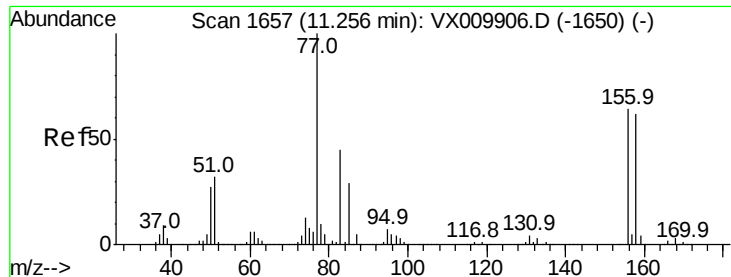
Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion:	75	Resp:	54084
Ion Ratio	Lower	Upper	
75	100		
77	42.5	22.1	66.1





#77

Bromobenzene

Concen: 20.290 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS02

Tot Ion:156 Resp: 42578

Ion Ratio Lower Upper

156 100

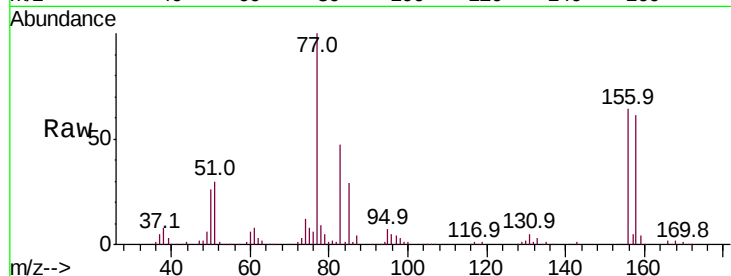
77 168.3 86.8 260.3

158 96.3 49.6 148.8

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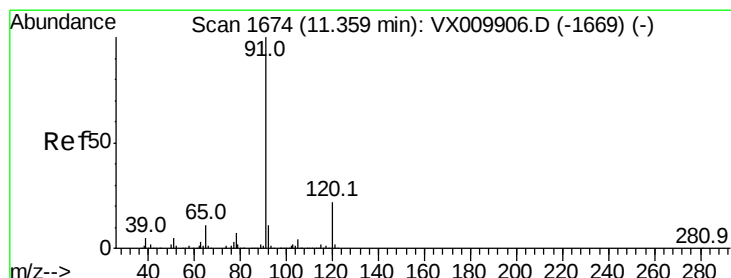
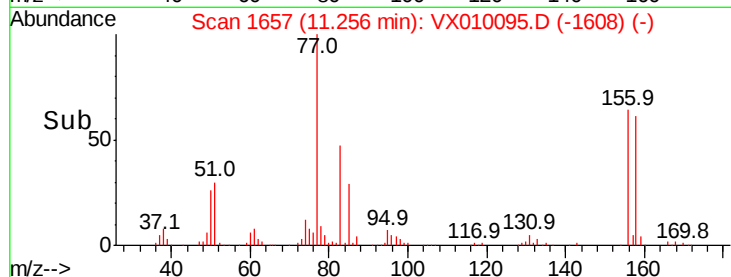
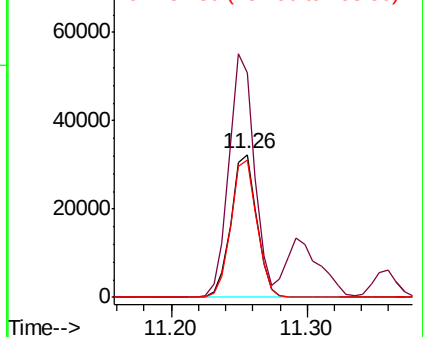
6/6/2019 10:12:01 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.097 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010095.D

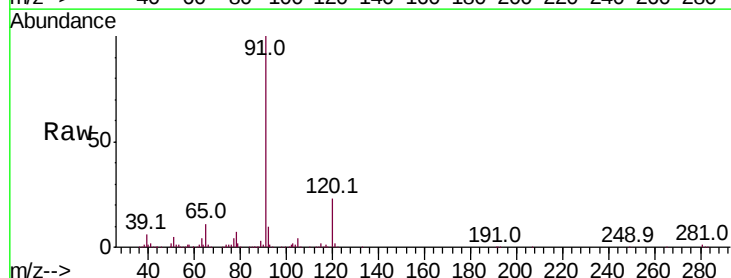
Acq: 05 Jun 2019 23:28

Tgt Ion: 91 Resp: 190748

Ion Ratio Lower Upper

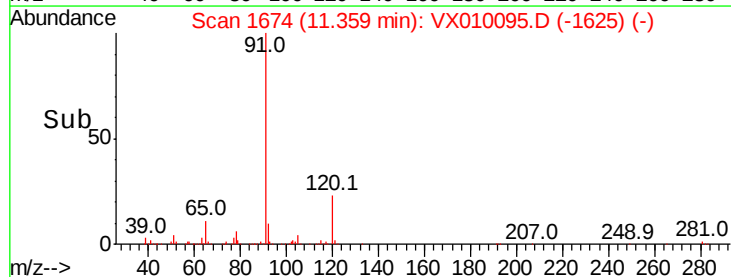
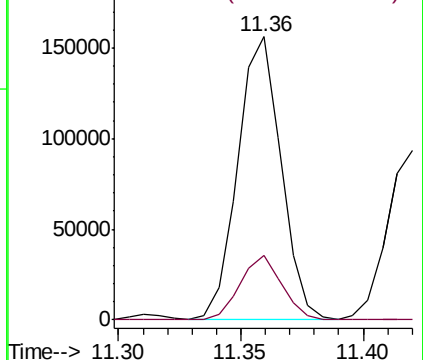
91 100

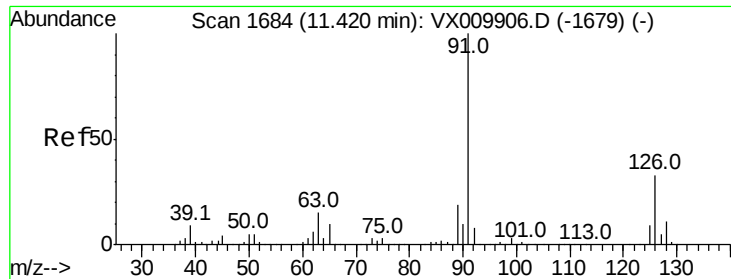
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.846 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion: 91 Resp: 115085

Ion Ratio Lower Upper

91 100

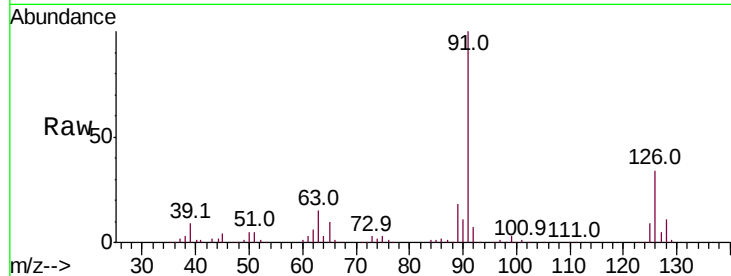
126 32.9 16.1 48.3

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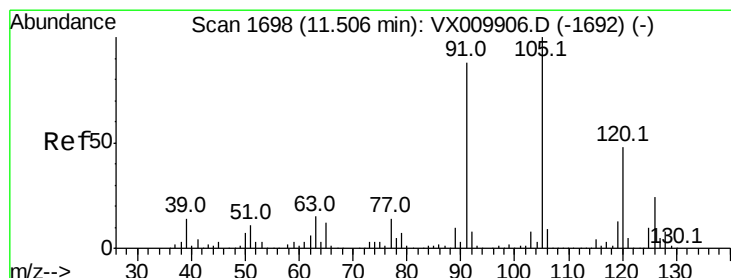
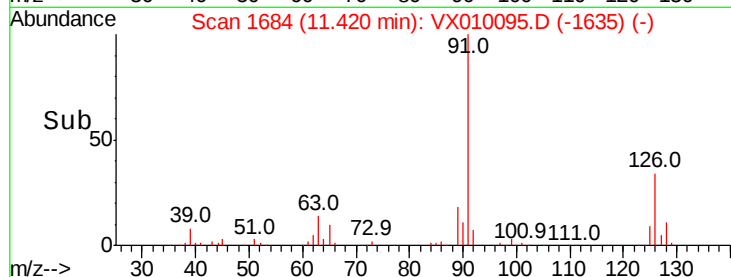
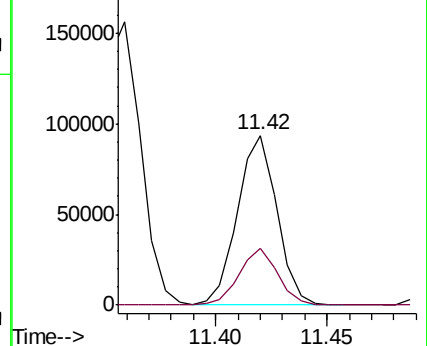
MMDadoda

6/6/2019 10:12:01 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.332 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010095.D

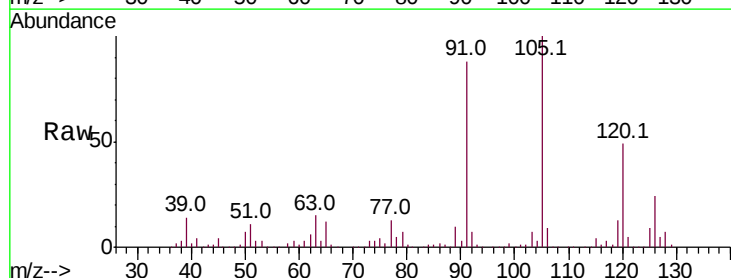
Acq: 05 Jun 2019 23:28

Tgt Ion: 105 Resp: 141047

Ion Ratio Lower Upper

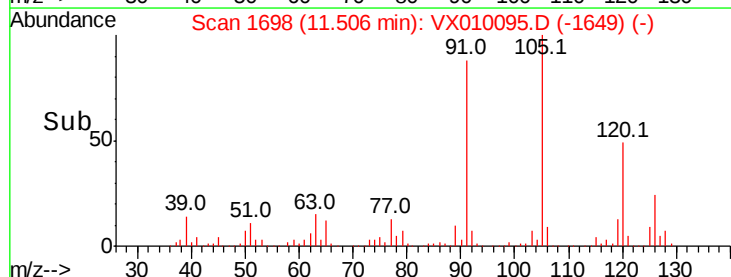
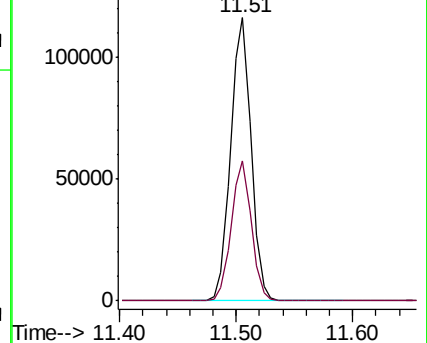
105 100

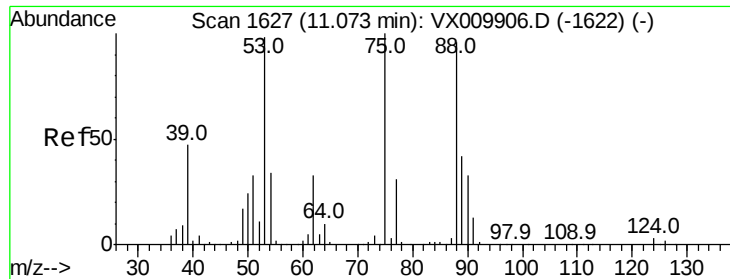
120 48.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





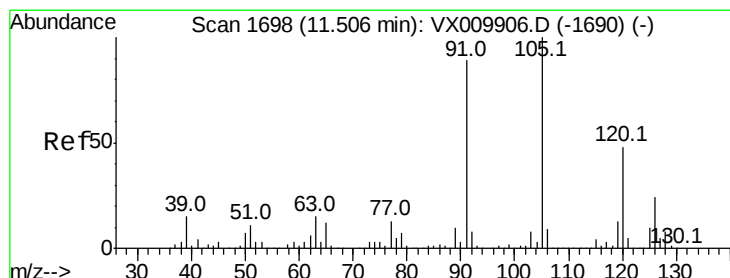
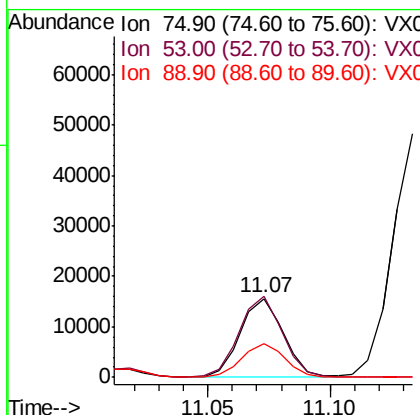
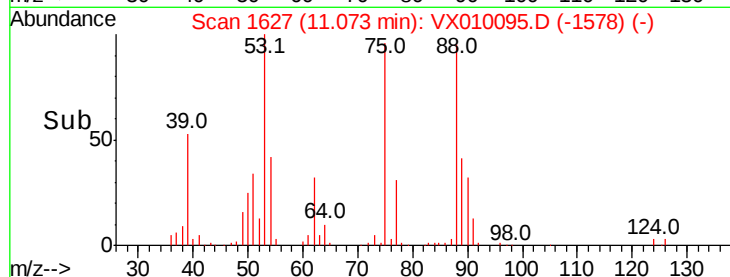
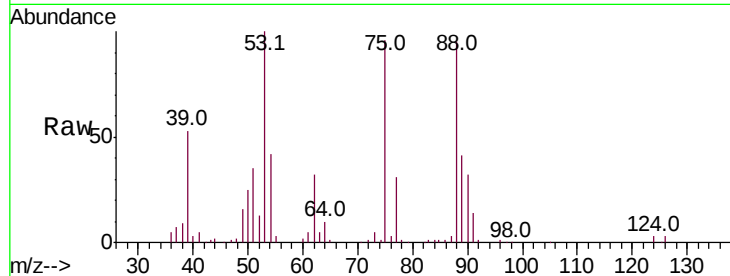
#81
trans-1,4-Dichloro-2-butene
Concen: 17.681 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion: 75 Resp: 19072
Ion Ratio Lower Upper
75 100
53 105.3 79.8 119.6
89 43.4 34.2 51.4

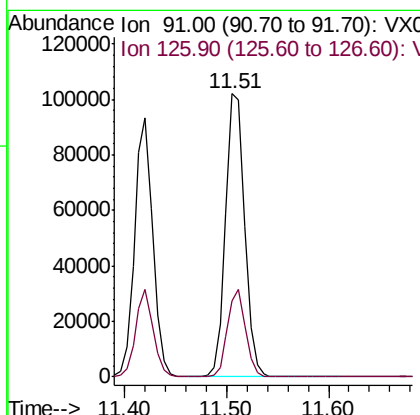
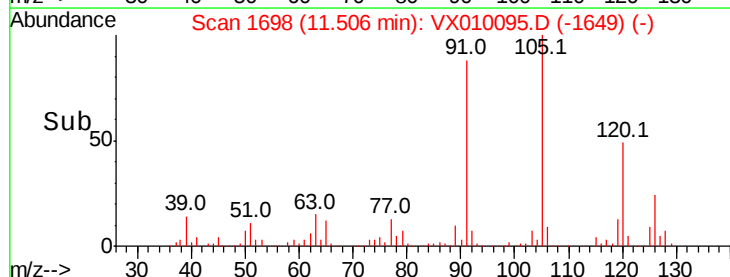
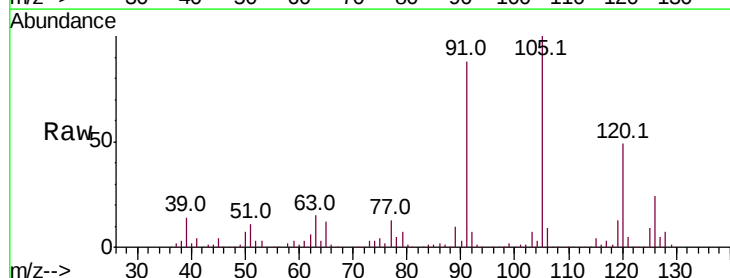
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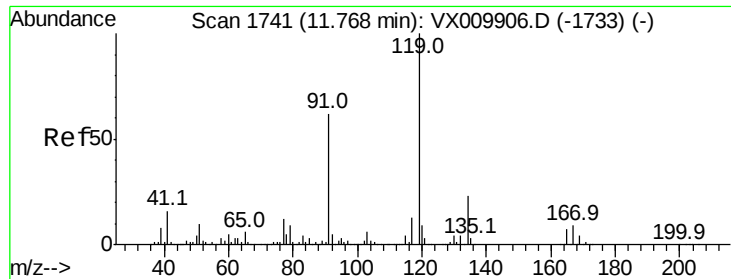
MMDadoda
6/6/2019 10:12:01 AM



#82
4-Chlorotoluene
Concen: 19.676 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion: 91 Resp: 132823
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.230 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

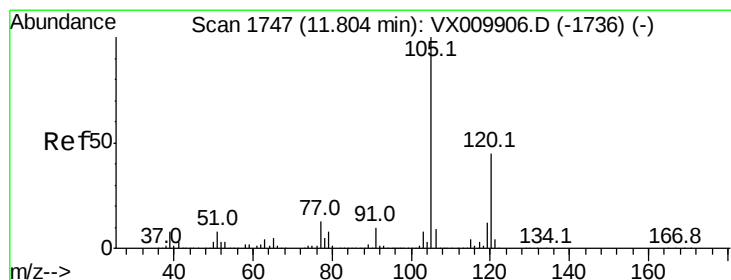
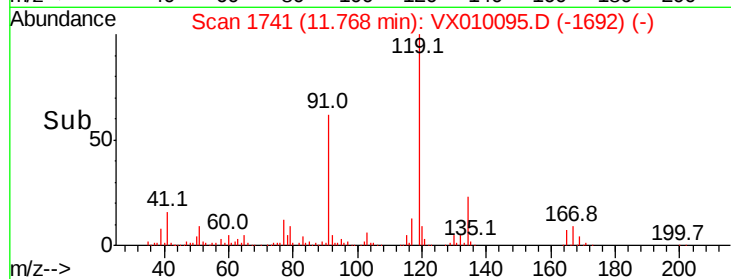
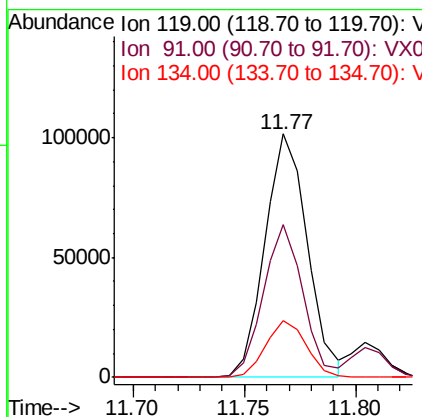
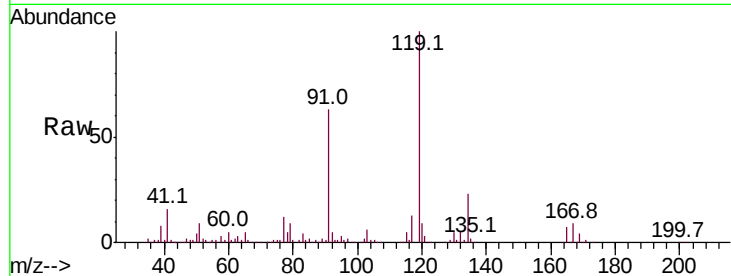
ClientSampled :

VX0605WBS02

Tot Ion:	119	Resp:	134259
Ion Ratio	Lower	Upper	
119	100		
91	59.1	30.0	90.0
134	22.5	11.2	33.5

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#84

1,2,4-Trimethylbenzene

Concen: 20.237 ug/l

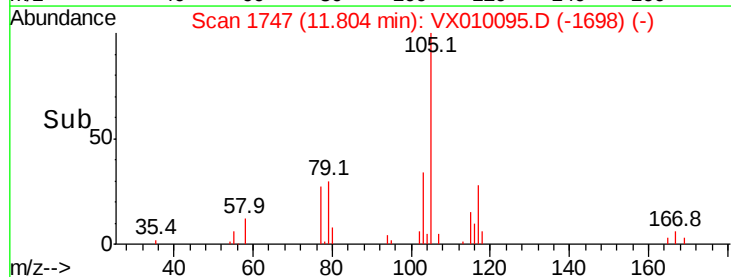
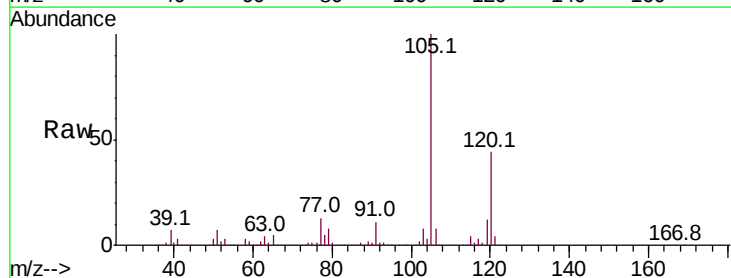
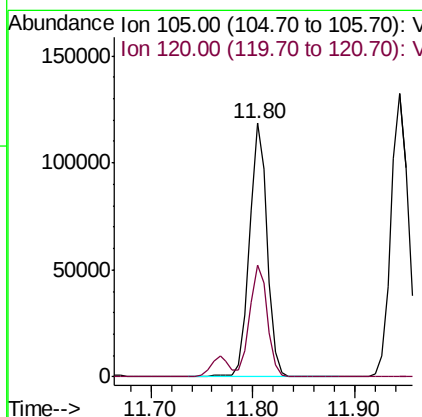
RT: 11.80 min Scan# 1747

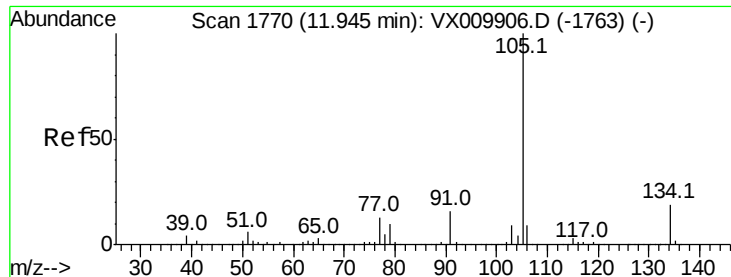
Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Tgt Ion:	105	Resp:	142570
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.1	66.1





#85

sec-Butylbenzene

Concen: 20.174 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0605WBS02

Tot Ion:105 Resp: 159287

Ion Ratio Lower Upper

105 100

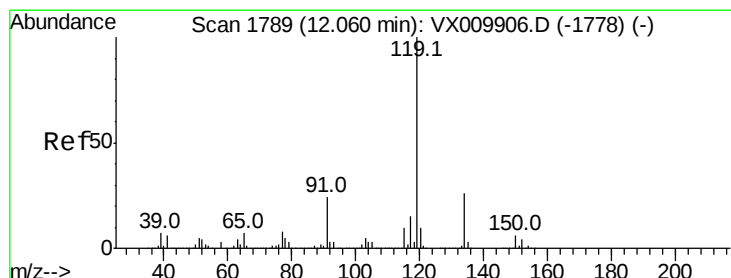
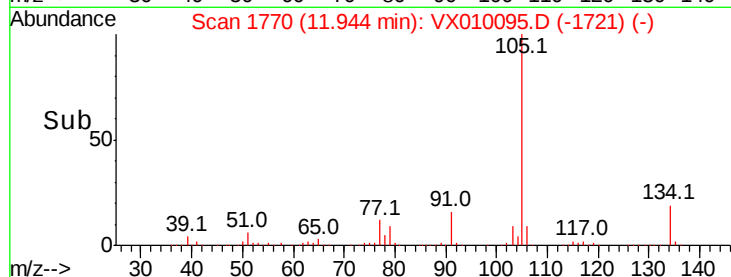
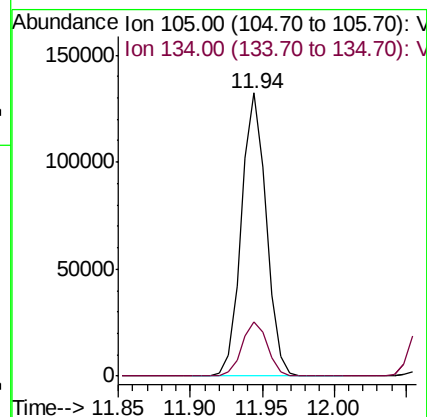
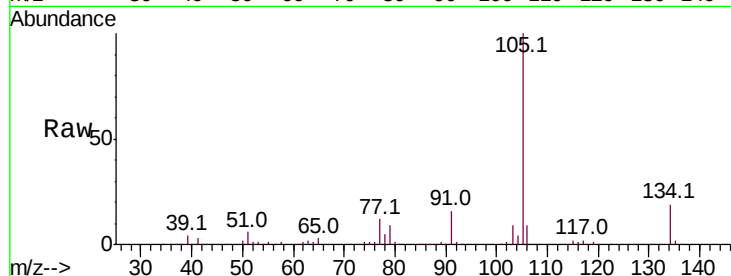
134 19.6 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.510 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010095.D

Acq: 05 Jun 2019 23:28

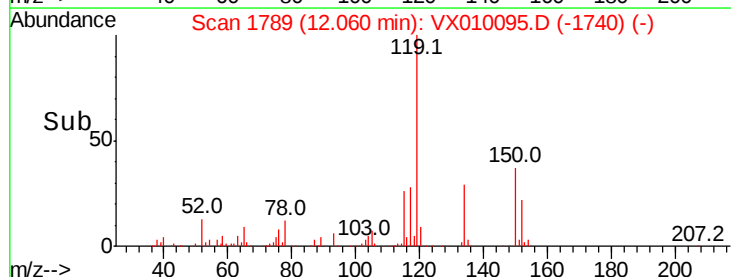
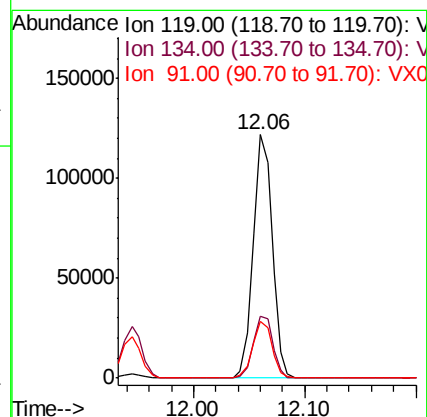
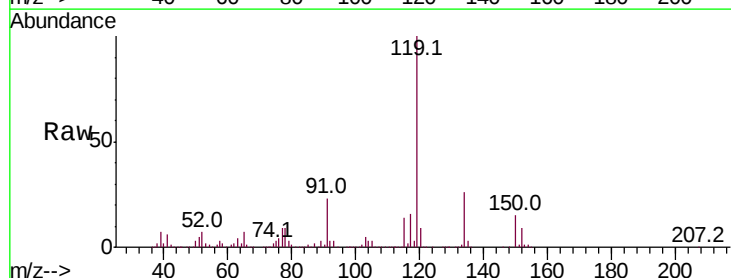
Tgt Ion:119 Resp: 145658

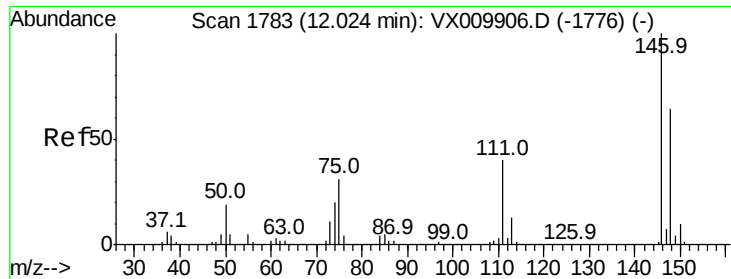
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 23.9 11.9 35.9





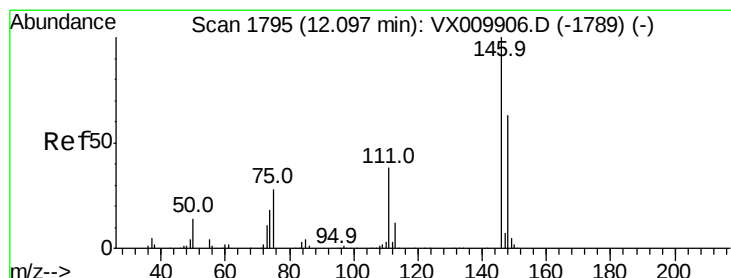
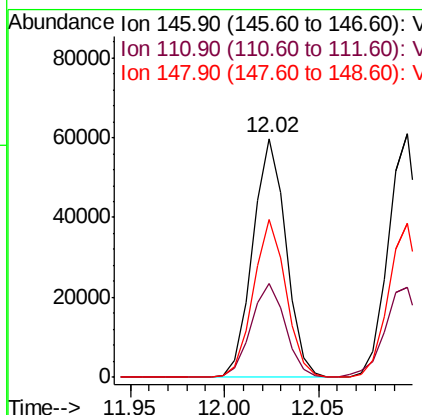
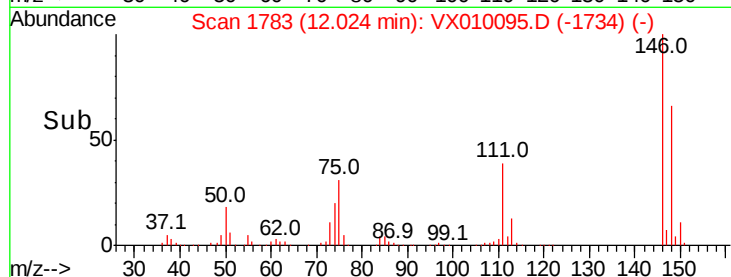
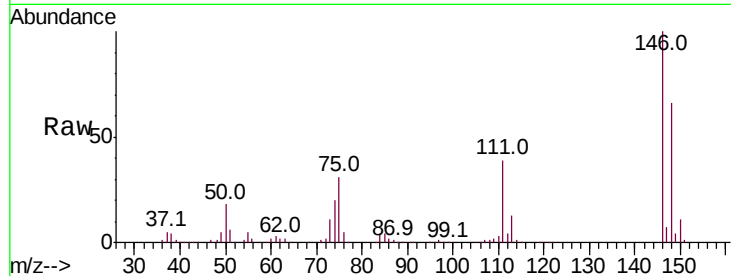
#87
 1,3-Dichlorobenzene
 Concen: 19.571 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	64.8	31.9	95.5

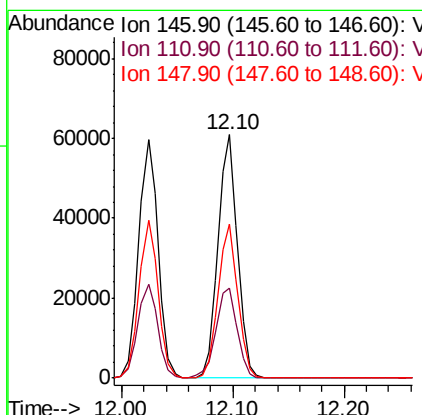
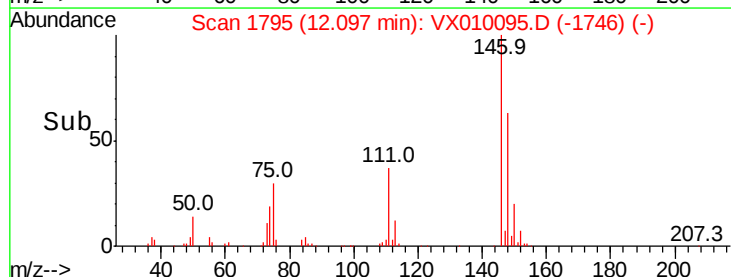
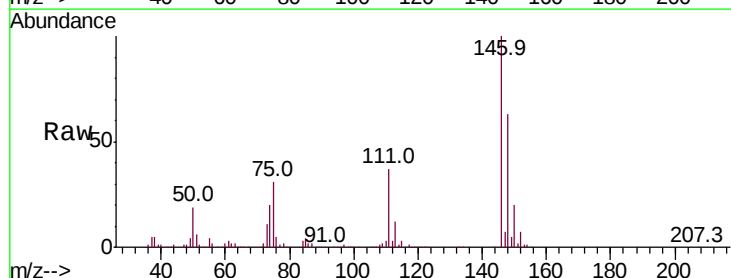
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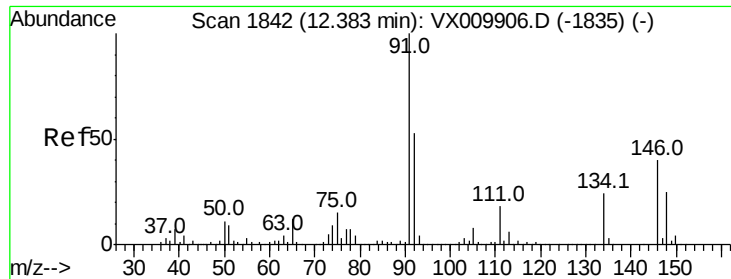
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#88
 1,4-Dichlorobenzene
 Concen: 19.375 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	63.6	32.3	96.9





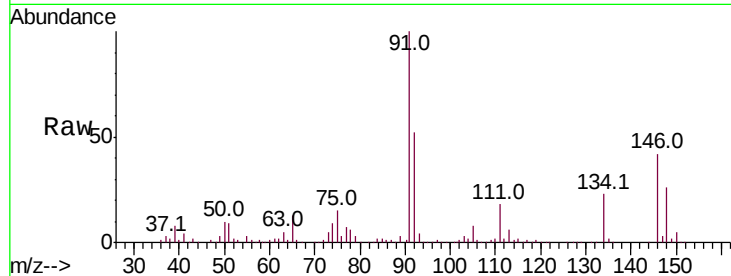
#89
n-Butylbenzene
Concen: 19.342 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.8
134	24.5	12.3	36.8

Manual Integrations
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6/6/2019 10:12:01 AM

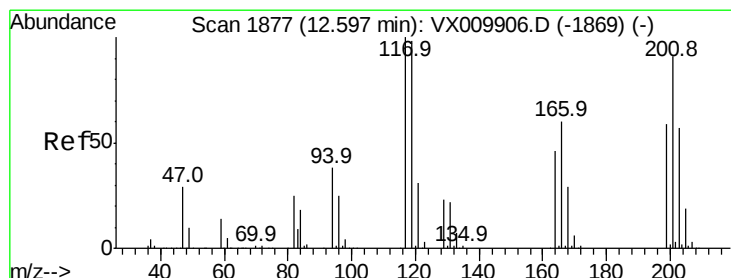
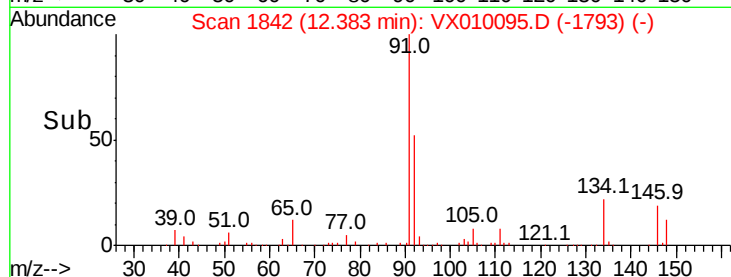
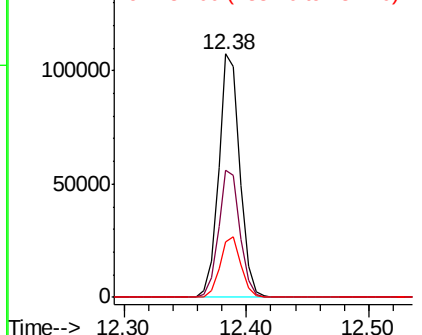


Abundance

Ion 91.00 (90.70 to 91.70): VX0

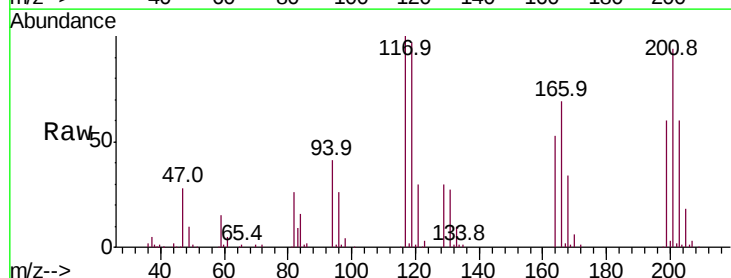
Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90
Hexachloroethane
Concen: 20.077 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

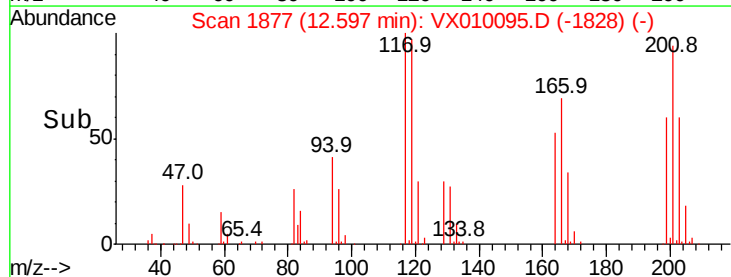
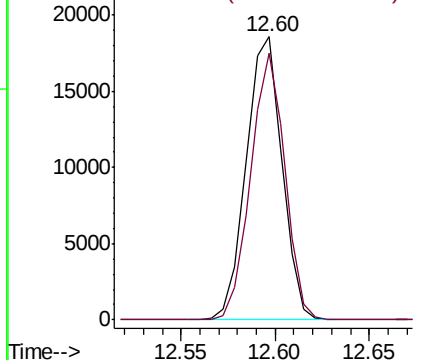
Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	43.6	130.9

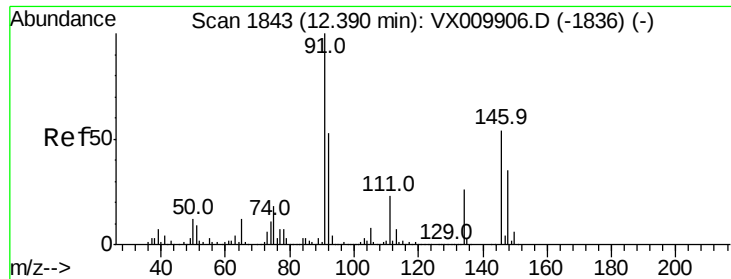


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





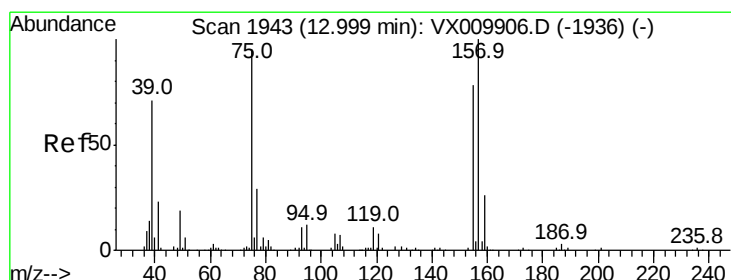
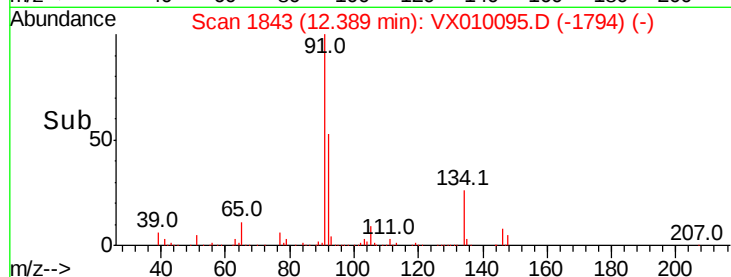
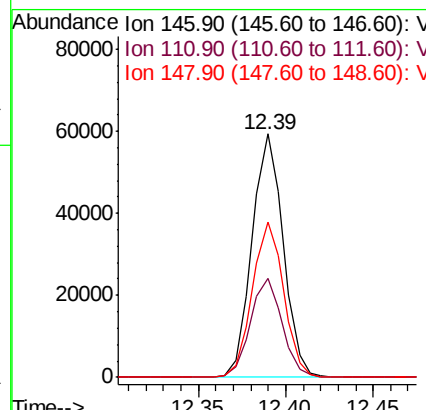
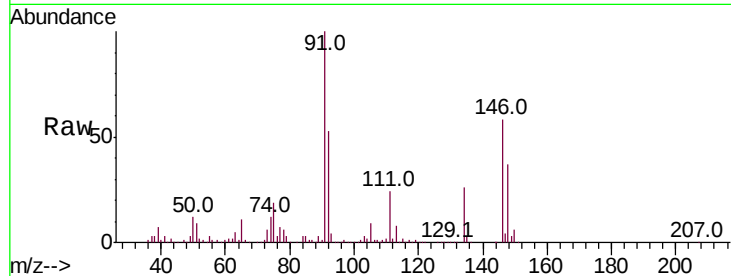
#91
1,2-Dichlorobenzene
Concen: 19.968 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.1
148	64.2	32.3	96.8

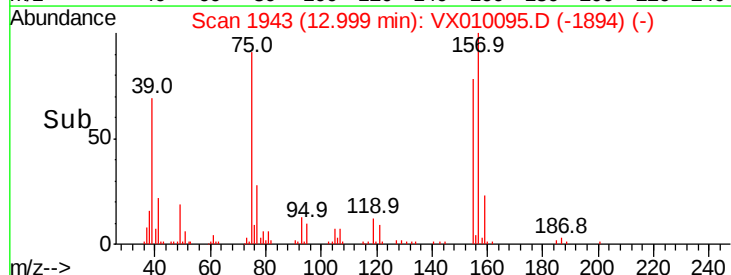
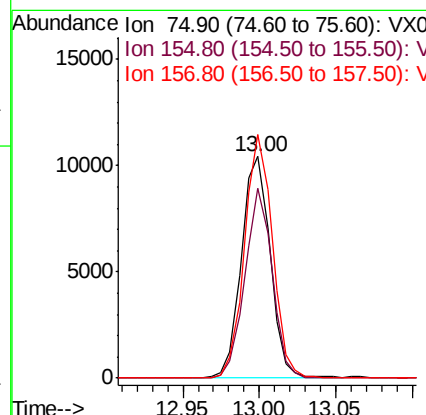
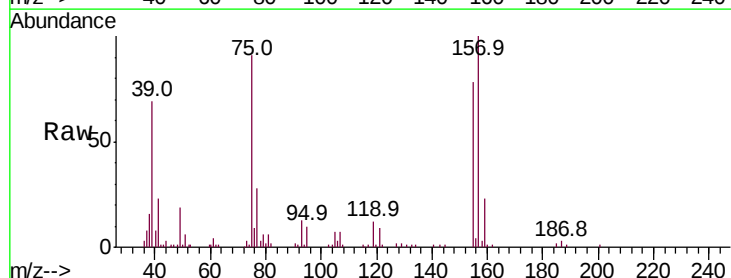
Manual Integrations
APPROVED

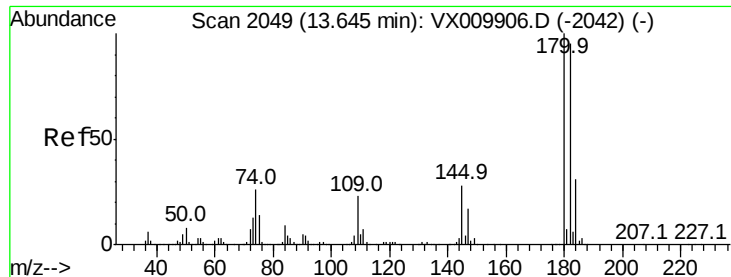
MMDadoda
6/6/2019 10:12:01 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.851 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.3	117.8
157	106.1	50.6	151.8





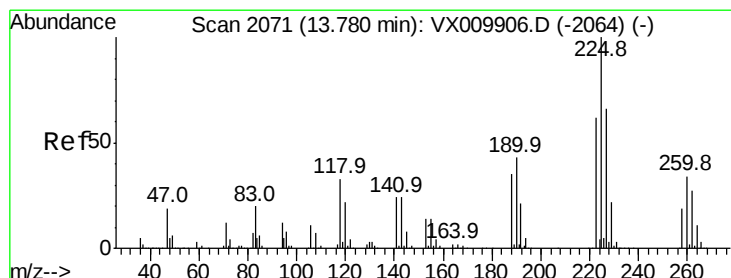
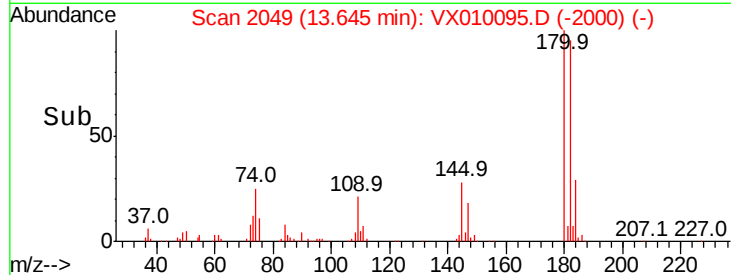
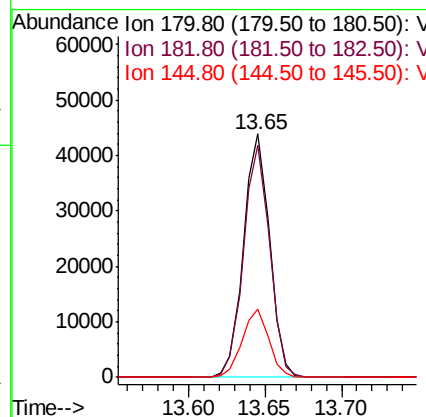
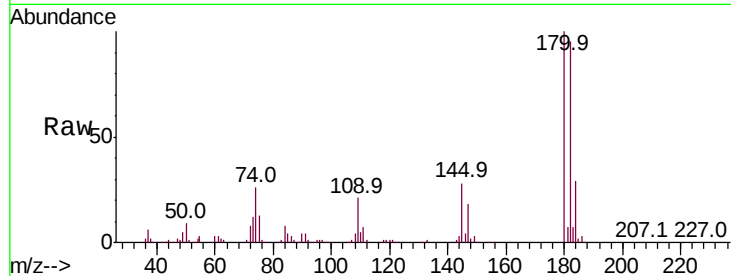
#93
 1,2,4-Trichlorobenzene
 Concen: 19.712 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.4	142.2	
145	28.5	14.5	43.5	

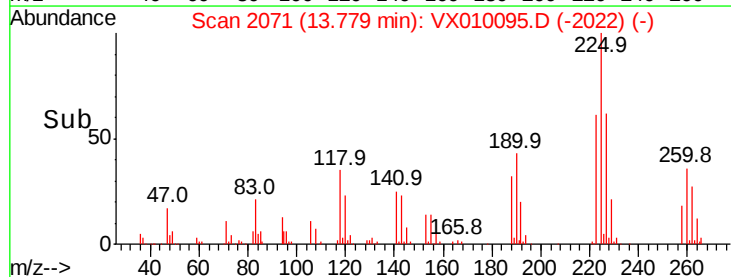
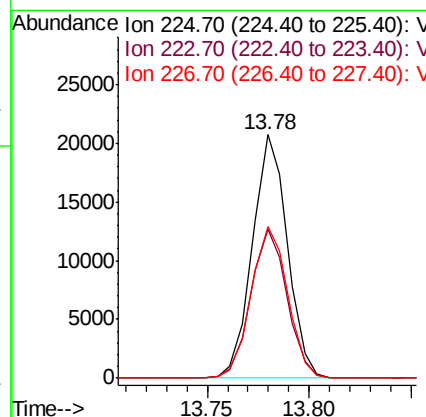
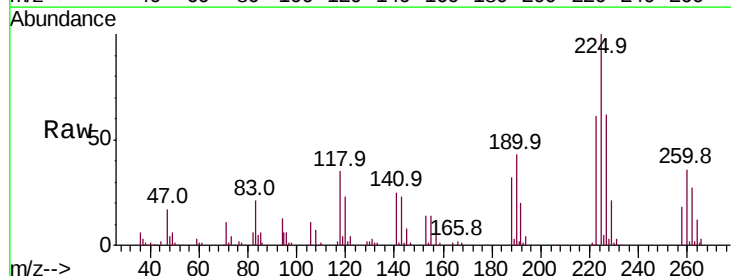
Manual Integrations
 APPROVED

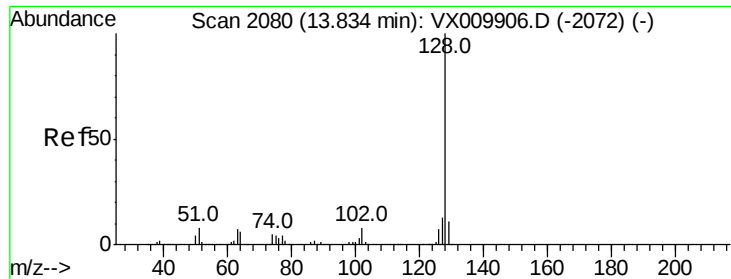
MMDadoda
 6/6/2019 10:12:01 AM



#94
 Hexachlorobutadiene
 Concen: 18.721 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010095.D
 Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.3	93.8	
227	65.0	32.3	96.8	





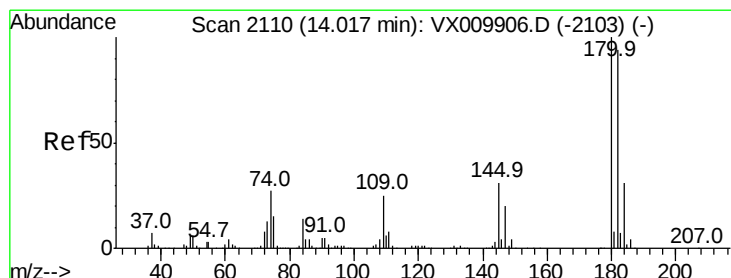
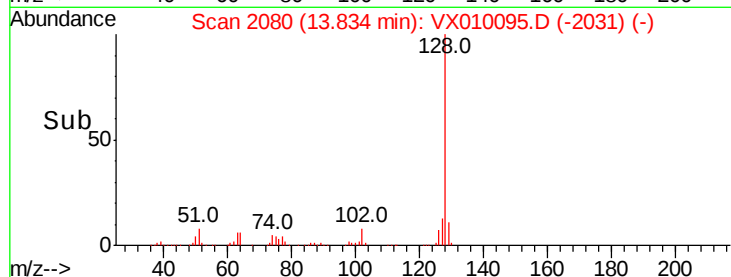
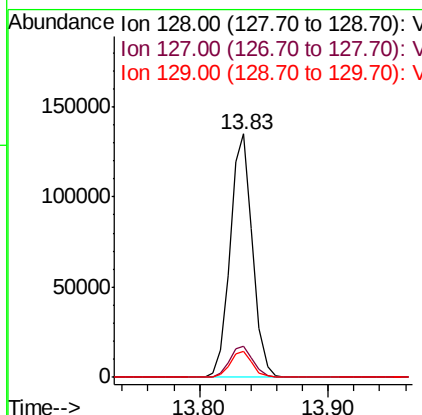
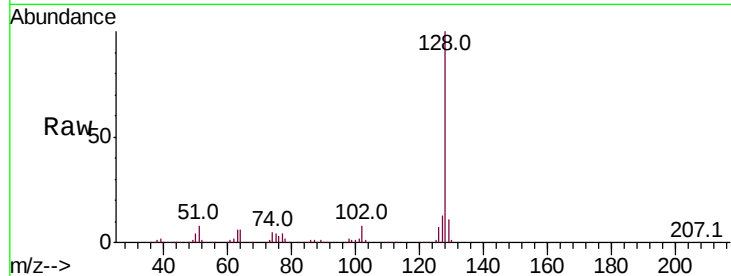
#95
Naphthalene
Concen: 19.931 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010095.D
Acq: 05 Jun 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/6/2019 10:12:01 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: VX010095.D
Acq: 05 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	142.0
145	30.2	15.6	46.7

