

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009008.D
 Acq On : 17 Apr 2019 12:41
 Operator : JC/SP
 Sample : VX0417WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Quant Time: Apr 18 01:35:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145771	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	162277	53.74	ug/l	0.00
Spiked Amount						
						Recovery = 107.48%
35) Dibromofluoromethane	5.49	113	117473	51.89	ug/l	0.00
Spiked Amount						
						Recovery = 103.78%
50) Toluene-d8	8.71	98	484972	53.72	ug/l	0.00
Spiked Amount						
						Recovery = 107.44%
62) 4-Bromofluorobenzene	11.13	95	171645	53.86	ug/l	0.00
Spiked Amount						
						Recovery = 107.72%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	52306	21.194	ug/l	99
3) Chloromethane	1.32	50	66594	21.979	ug/l	99
4) Vinyl Chloride	1.41	62	61791	20.953	ug/l	98
5) Bromomethane	1.64	94	34132	20.909	ug/l	98
6) Chloroethane	1.72	64	36900	21.279	ug/l	94
7) Trichlorofluoromethane	1.93	101	68971	20.032	ug/l	98
8) Diethyl Ether	2.19	74	31800	20.195	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43829	19.910	ug/l	98
10) Methyl Iodide	2.51	142	46840	22.157	ug/l	98
11) Tert butyl alcohol	3.04	59	72979	108.878	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44757	19.478	ug/l	99
13) Acrolein	2.29	56	47420	81.878	ug/l	98
14) Allyl chloride	2.73	41	104802	20.906	ug/l	100
15) Acrylonitrile	3.14	53	176432	103.692	ug/l	99
16) Acetone	2.44	43	157683	100.696	ug/l	98
17) Carbon Disulfide	2.57	76	130491	20.094	ug/l	99
18) Methyl Acetate	2.77	43	79207	20.267	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	168632	20.597	ug/l	99
20) Methylene Chloride	2.85	84	53477	19.970	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48548	19.809	ug/l	98
22) Diisopropyl ether	3.85	45	205216	21.067	ug/l	99
23) Vinyl Acetate	3.81	43	915950	106.967	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101172	20.690	ug/l	99
25) 2-Butanone	4.67	43	263562	105.297	ug/l	98
26) 2,2-Dichloropropane	4.58	77	68740	18.754	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	55739	20.031	ug/l	100
28) Bromochloromethane	5.01	49	42136	19.571	ug/l	99
29) Tetrahydrofuran	5.13	42	175889	104.988	ug/l	99
30) Chloroform	5.21	83	89655	20.489	ug/l	99
31) Cyclohexane	5.58	56	98248	20.428	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74655	20.585	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69970	19.179	ug/l	100
37) Ethyl Acetate	4.84	43	98352	20.951	ug/l	99
38) Carbon Tetrachloride	5.78	117	60882	19.685	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0417WBS01

Quant Time: Apr 18 01:35:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85322	19.209	ug/l	99
40) Benzene	6.14	78	215992	20.069	ug/l	100
41) Methacrylonitrile	5.04	41	56682	21.038	ug/l	98
42) 1,2-Dichloroethane	6.19	62	76413	20.043	ug/l	100
43) Isopropyl Acetate	6.45	43	155023	20.492	ug/l	99
44) Trichloroethene	7.21	130	51034	19.353	ug/l	99
45) 1,2-Dichloropropane	7.51	63	60653	20.314	ug/l	100
46) Dibromomethane	7.66	93	34512	19.861	ug/l	99
47) Bromodichloromethane	7.90	83	68303	20.041	ug/l	100
48) Methyl methacrylate	7.77	41	76988	20.596	ug/l	99
49) 1,4-Dioxane	7.74	88	30135	430.723	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	515449	106.949	ug/l	99
52) Toluene	8.78	92	131277	20.352	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77411	19.736	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	86825	19.769	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51687	20.219	ug/l	97
56) Ethyl methacrylate	9.18	69	95864	20.913	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92543	20.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	261697	106.018	ug/l	99
59) 2-Hexanone	9.49	43	398562	107.262	ug/l	99
60) Dibromochloromethane	9.58	129	50020	20.416	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52921	20.058	ug/l	98
64) Tetrachloroethene	9.34	164	46729	19.684	ug/l	99
65) Chlorobenzene	10.13	112	133285	20.208	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	47237	20.329	ug/l	98
67) Ethyl Benzene	10.25	91	243755	20.216	ug/l	100
68) m/p-Xylenes	10.36	106	178271	40.683	ug/l	100
69) o-Xylene	10.69	106	86009	20.172	ug/l	98
70) Styrene	10.71	104	149437	20.225	ug/l	99
71) Bromoform	10.85	173	35810	19.345	ug/l #	97
73) Isopropylbenzene	11.02	105	230973	20.904	ug/l	100
74) N-amyl acetate	10.90	43	136219	21.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85916	21.281	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	98819	27.763	ug/l	81
77) Bromobenzene	11.26	156	56633	20.314	ug/l	98
78) n-propylbenzene	11.36	91	264356	20.845	ug/l	100
79) 2-Chlorotoluene	11.42	91	158677	20.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	193755	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27132	19.569	ug/l	93
82) 4-Chlorotoluene	11.51	91	180919	20.384	ug/l	100
83) tert-Butylbenzene	11.77	119	184214	20.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195944	20.761	ug/l	99
85) sec-Butylbenzene	11.94	105	220077	20.728	ug/l	99
86) p-Isopropyltoluene	12.06	119	199872	20.476	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	97503	19.983	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	97360	19.684	ug/l	99
89) n-Butylbenzene	12.38	91	180511	19.857	ug/l	100
90) Hexachloroethane	12.60	117	32928	20.450	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	97957	20.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18737	20.384	ug/l	97

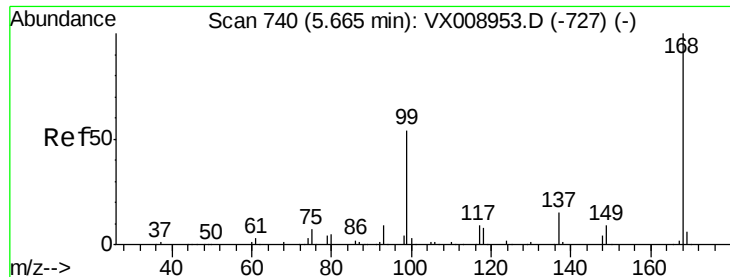
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
Data File : VX009008.D
Acq On : 17 Apr 2019 12:41
Operator : JC/SP
Sample : VX0417WBS01
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Instrument :
MSVOA_X
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Quant Time: Apr 18 01:35:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68703	19.753	ug/l	98
94) Hexachlorobutadiene	13.78	225	34863	20.098	ug/l	99
95) Naphthalene	13.83	128	222368	19.956	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67525	19.677	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

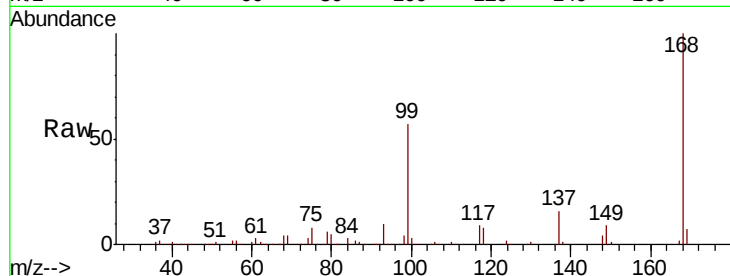
VX0417WBS01

Tot Ion:168 Resp: 214269

Ion Ratio Lower Upper

168 100

99 56.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

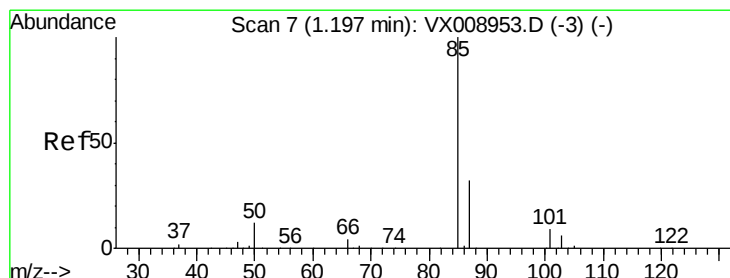
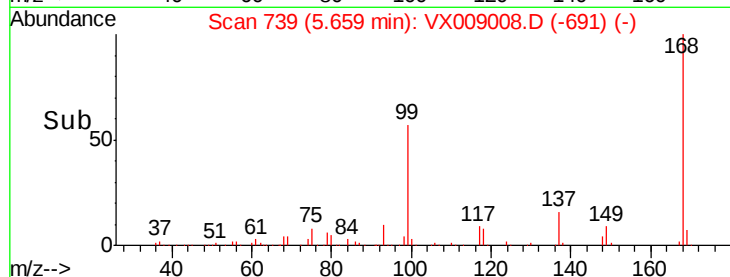
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.194 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009008.D

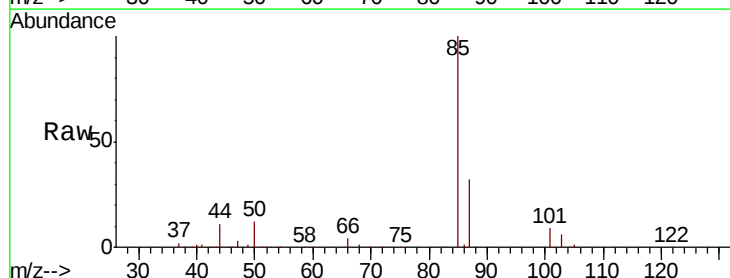
Acq: 17 Apr 2019 12:41

Tgt Ion: 85 Resp: 52306

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

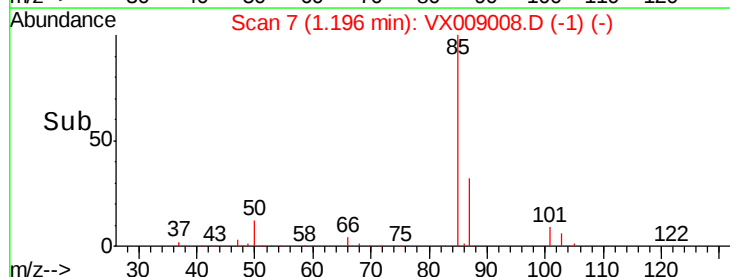
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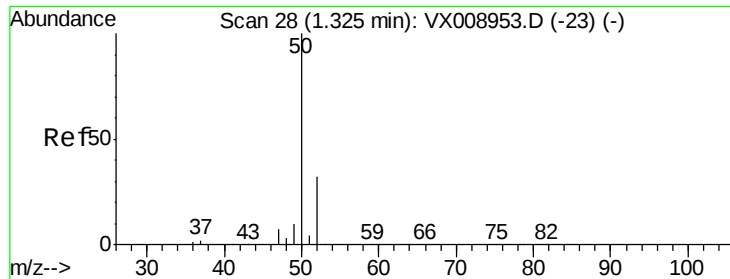
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.979 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

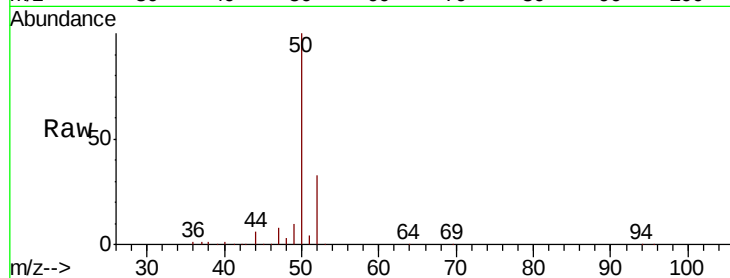
VX0417WBS01

Tot Ion: 50 Resp: 66594

Ion Ratio Lower Upper

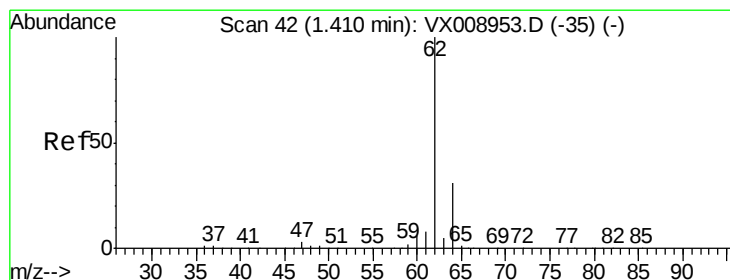
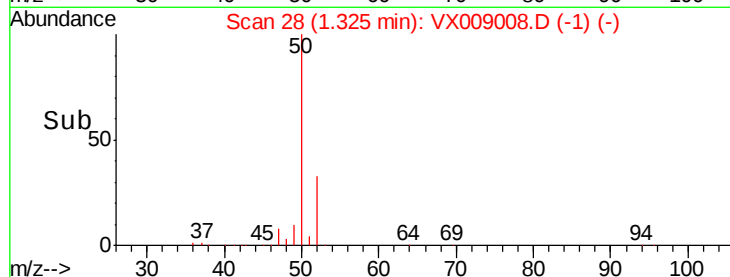
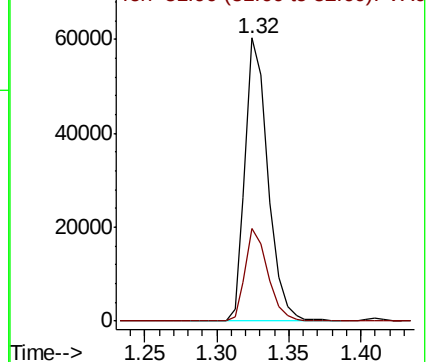
50 100

52 32.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.953 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009008.D

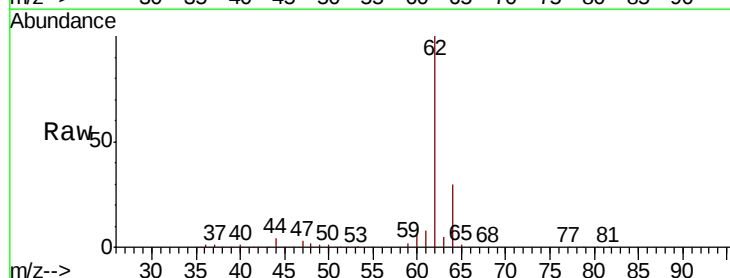
Acq: 17 Apr 2019 12:41

Tgt Ion: 62 Resp: 61791

Ion Ratio Lower Upper

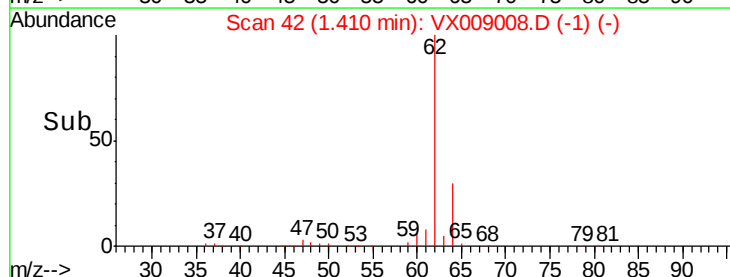
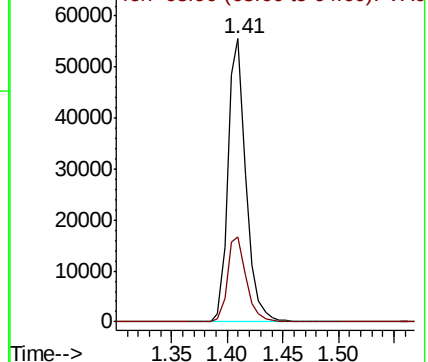
62 100

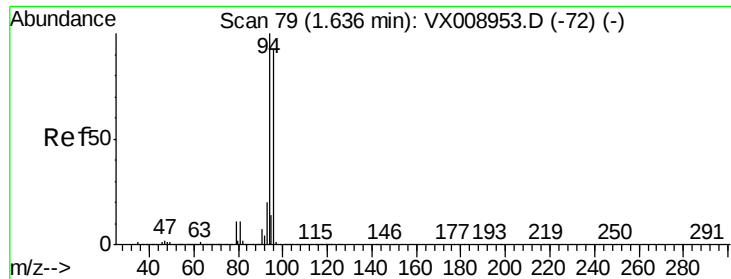
64 29.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.909 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

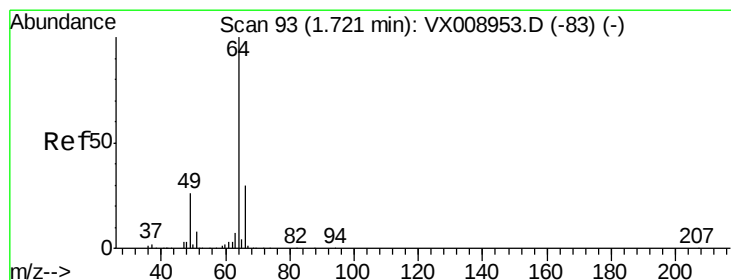
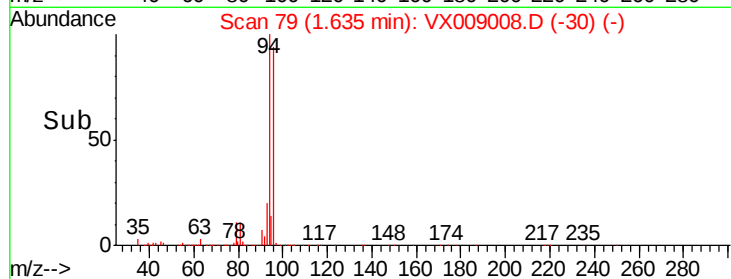
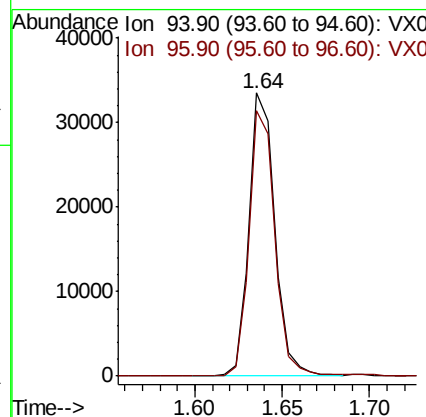
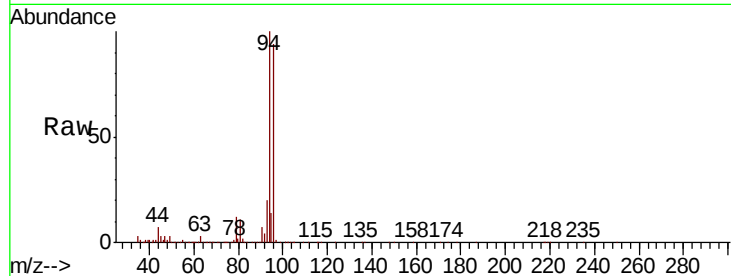
VX0417WBS01

Tot Ion: 94 Resp: 34132

Ion Ratio Lower Upper

94 100

96 93.9 73.9 110.9



#6

Chloroethane

Concen: 21.279 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009008.D

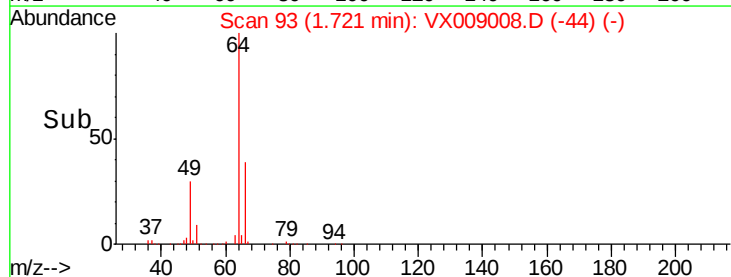
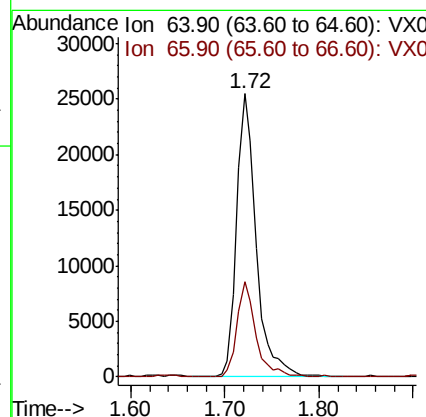
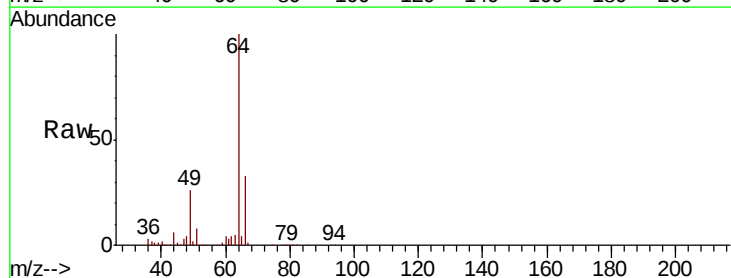
Acq: 17 Apr 2019 12:41

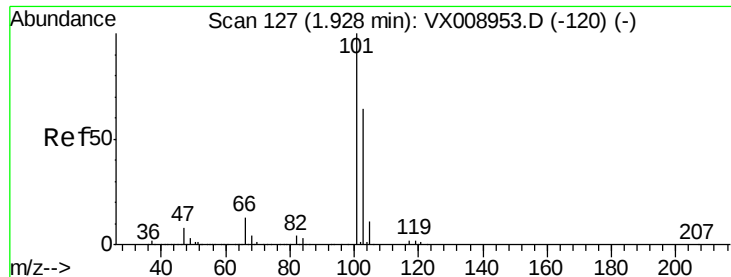
Tgt Ion: 64 Resp: 36900

Ion Ratio Lower Upper

64 100

66 33.5 24.2 36.2



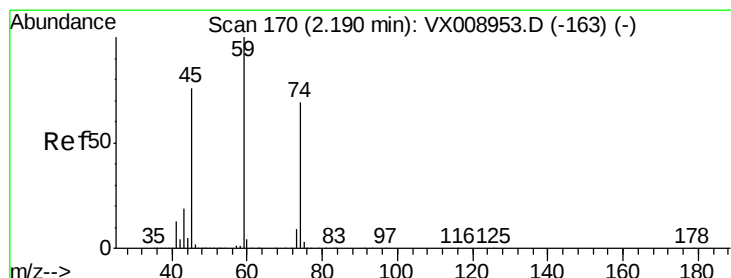
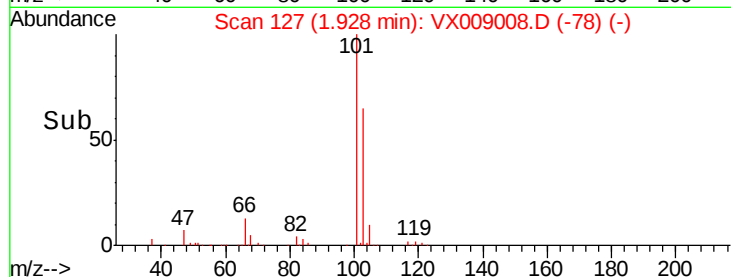
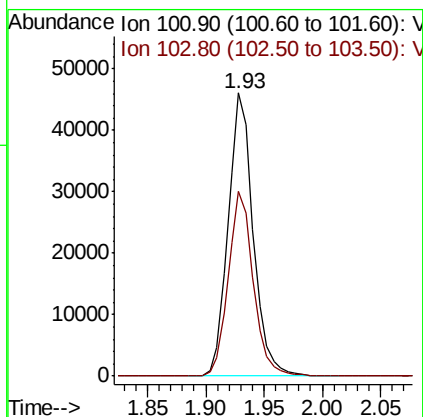
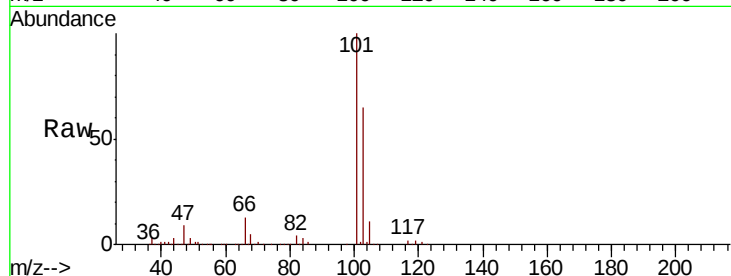


#7

Trichlorofluoromethane
 Concen: 20.032 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

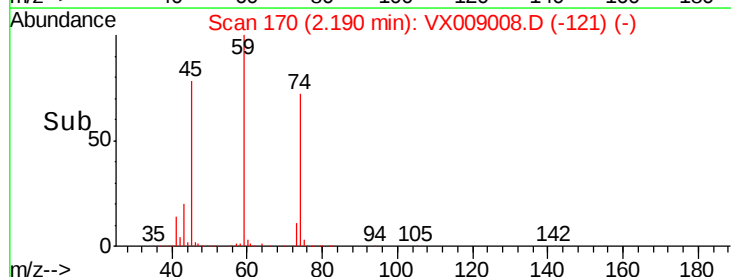
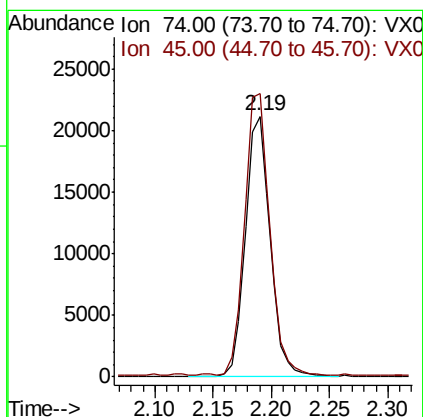
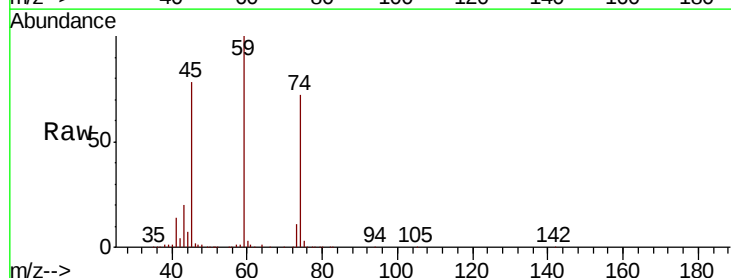
Tot Ion:101 Resp: 68971
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.6

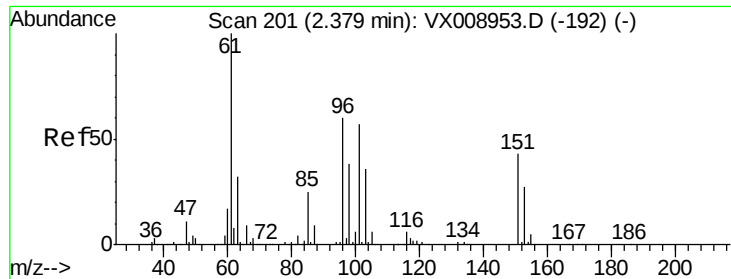


#8

Diethyl Ether
 Concen: 20.195 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 74 Resp: 31800
 Ion Ratio Lower Upper
 74 100
 45 109.0 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.910 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

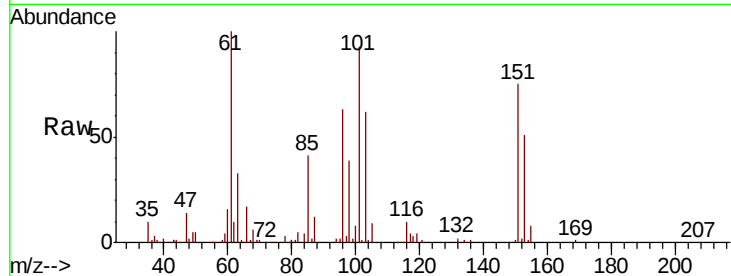
Tot Ion:101 Resp: 43829

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

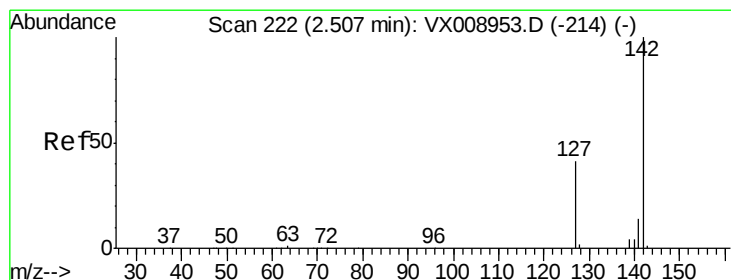
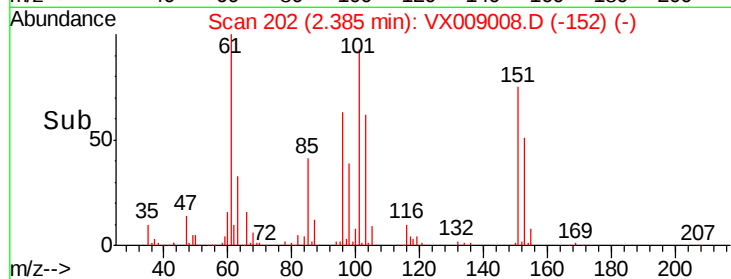
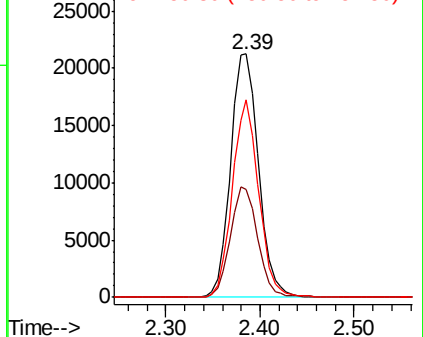
151 76.2 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.157 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

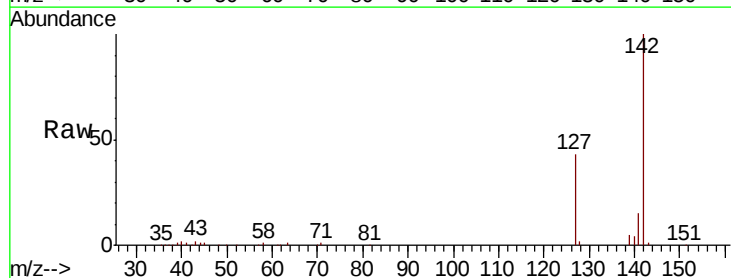
Tgt Ion:142 Resp: 46840

Ion Ratio Lower Upper

142 100

127 42.0 32.8 49.2

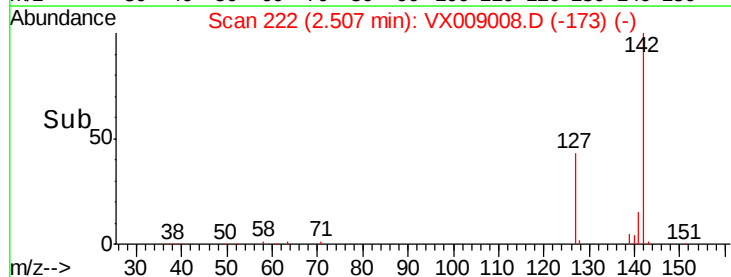
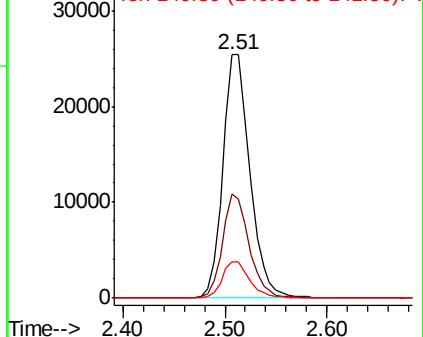
141 15.2 11.4 17.2

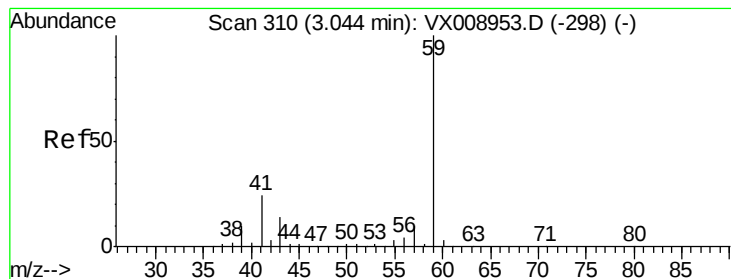


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



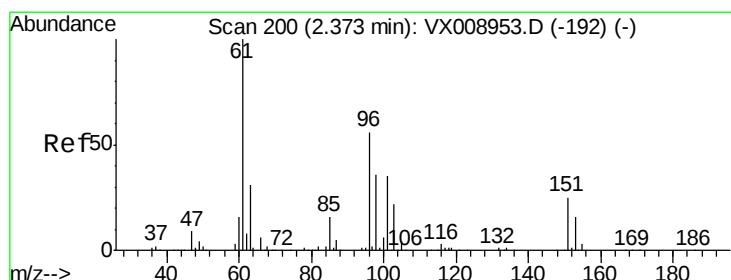
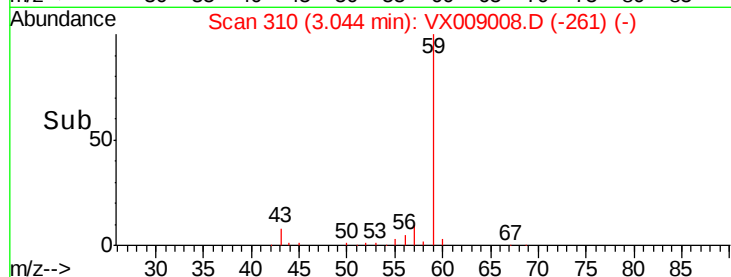
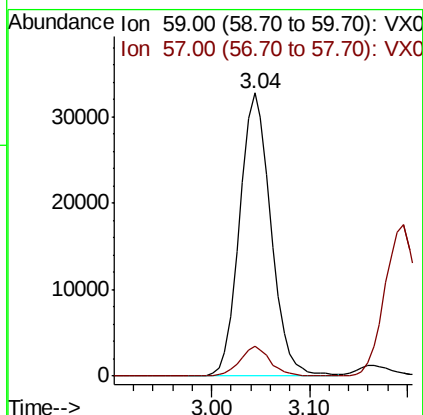
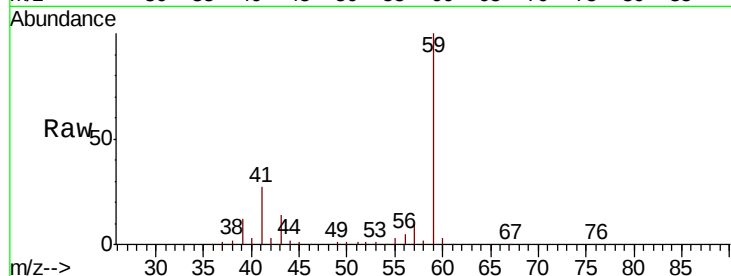


#11

Tert butyl alcohol
 Concen: 108.878 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

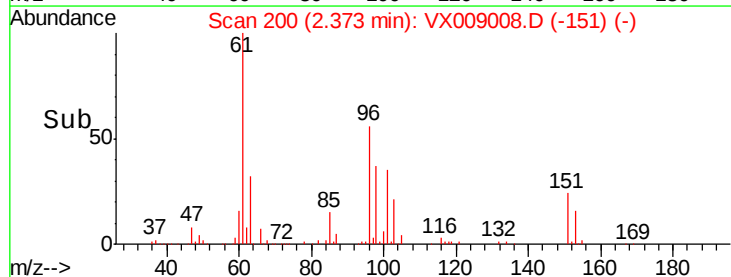
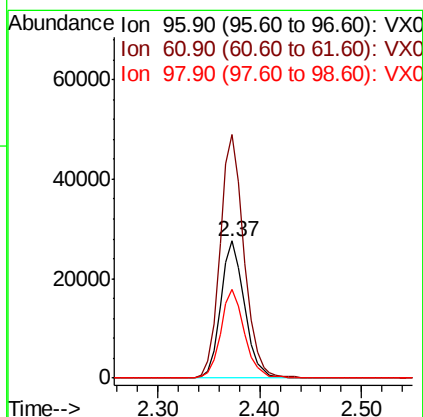
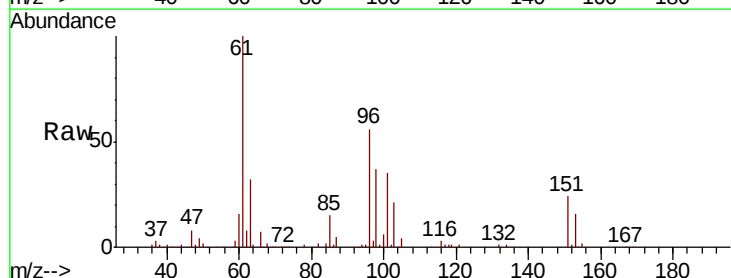
Tot Ion: 59 Resp: 72979
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

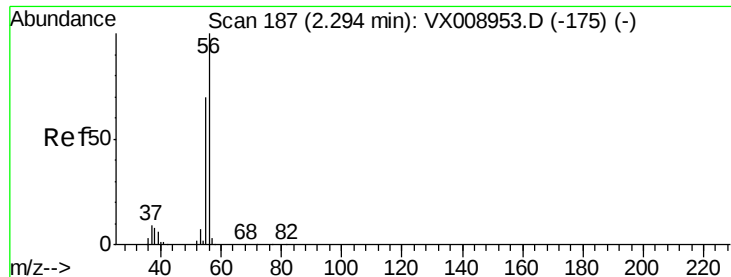


#12

1,1-Dichloroethene
 Concen: 19.478 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 96 Resp: 44757
 Ion Ratio Lower Upper
 96 100
 61 177.8 142.2 213.2
 98 65.2 50.9 76.3





#13

Acrolein

Concen: 81.878 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

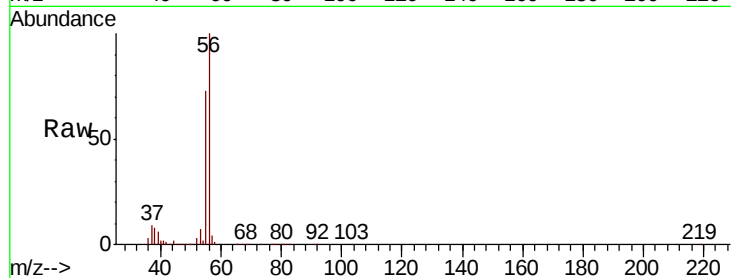
VX0417WBS01

Tot Ion: 56 Resp: 47420

Ion Ratio Lower Upper

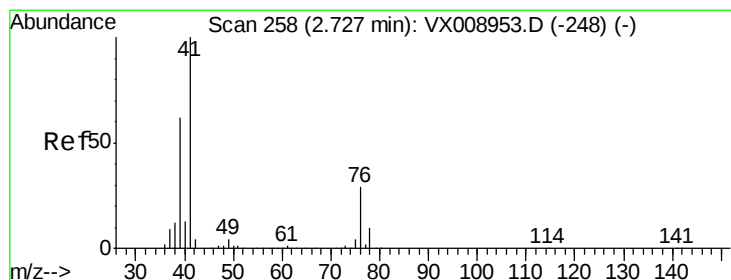
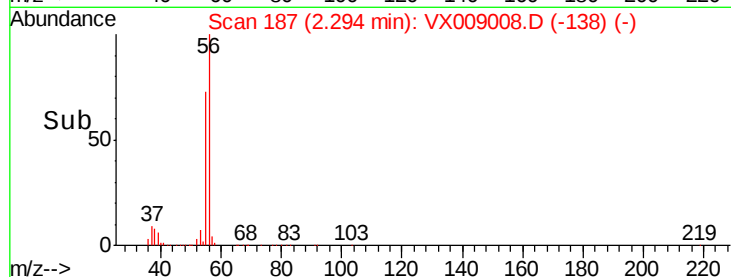
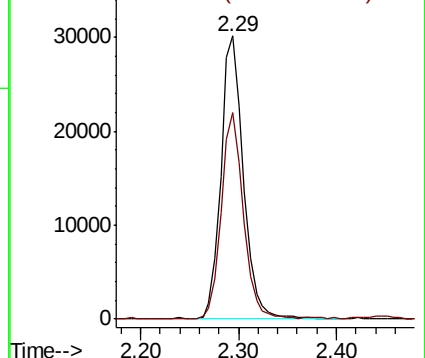
56 100

55 72.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.906 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

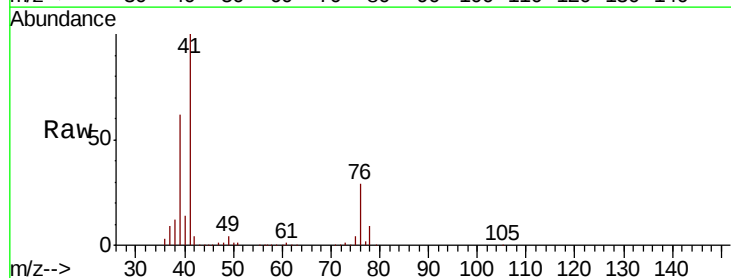
Tgt Ion: 41 Resp: 104802

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

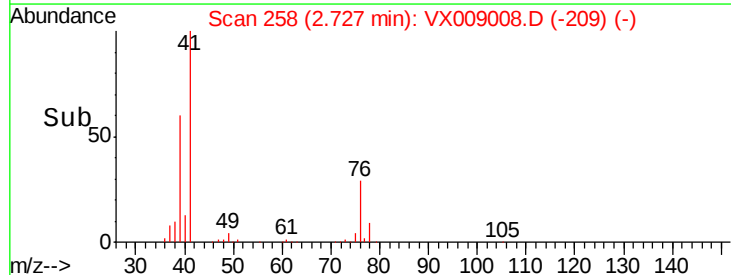
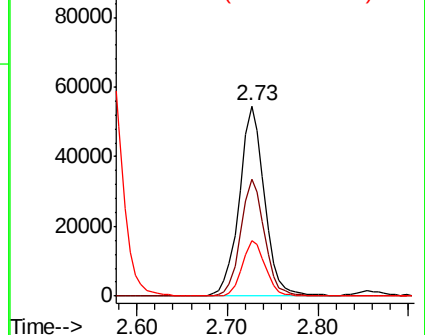
76 26.9 22.0 33.0

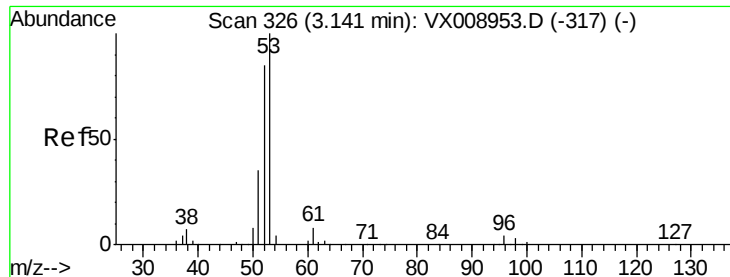


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.692 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

VX0417WBS01

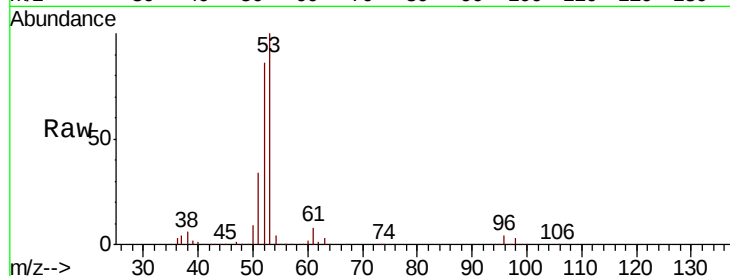
Tot Ion: 53 Resp: 176432

Ion Ratio Lower Upper

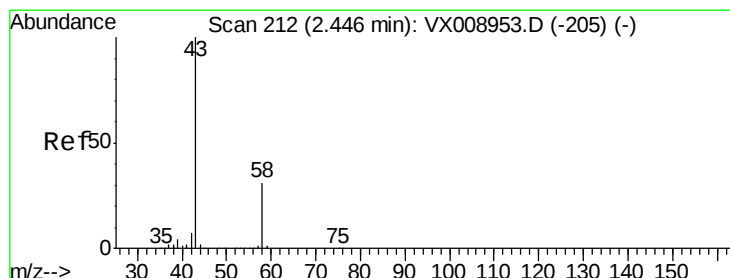
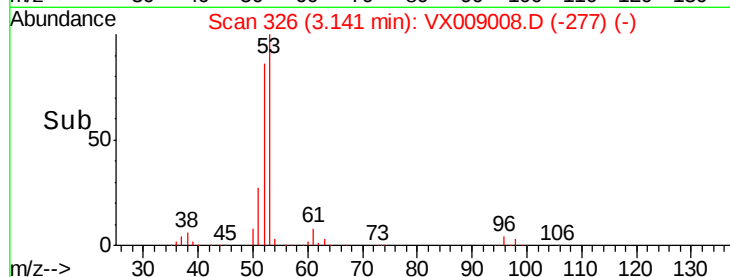
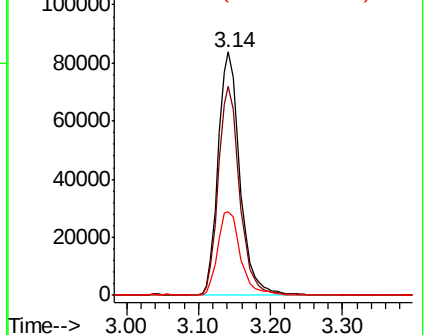
53 100

52 84.1 66.6 100.0

51 35.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 100.696 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009008.D

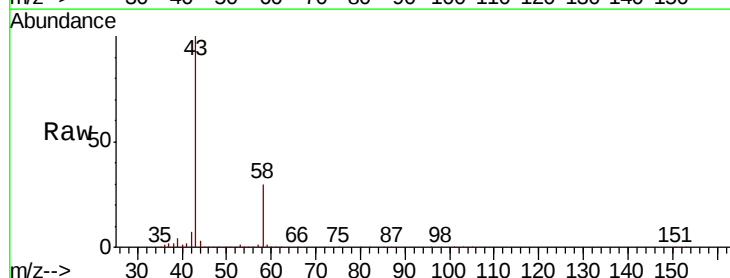
Acq: 17 Apr 2019 12:41

Tgt Ion: 43 Resp: 157683

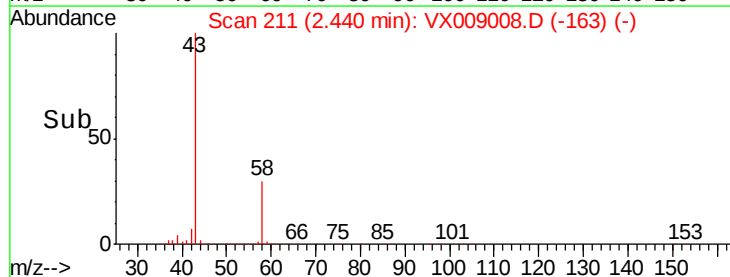
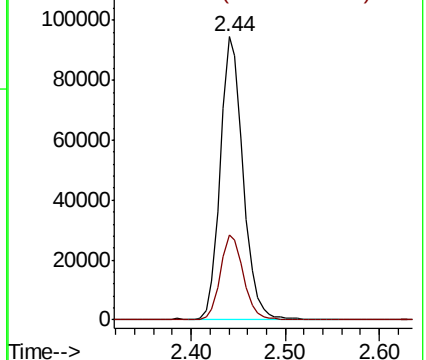
Ion Ratio Lower Upper

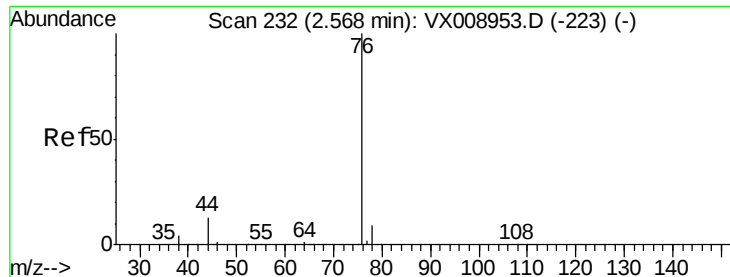
43 100

58 29.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.094 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

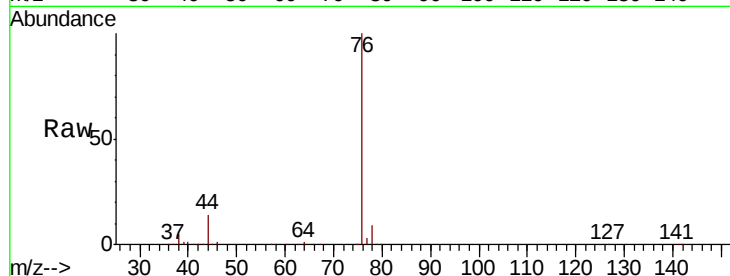
VX0417WBS01

Tot Ion: 76 Resp: 130491

Ion Ratio Lower Upper

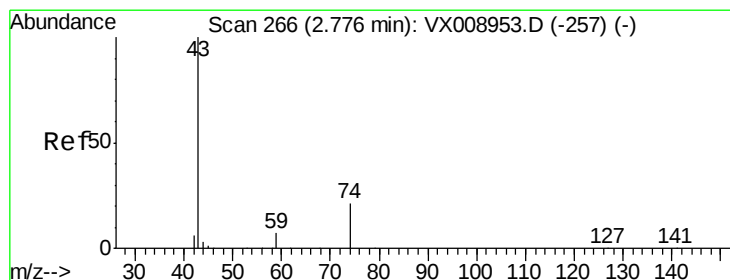
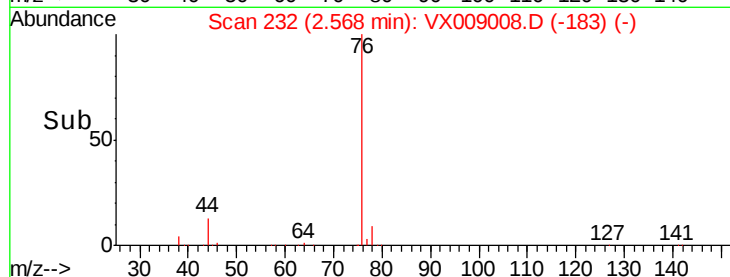
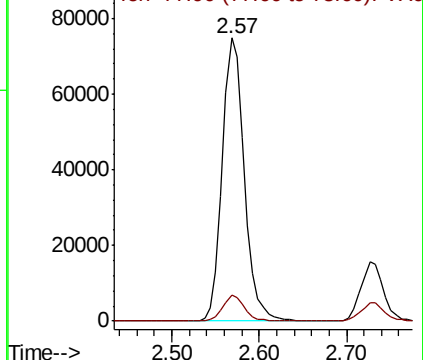
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.267 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009008.D

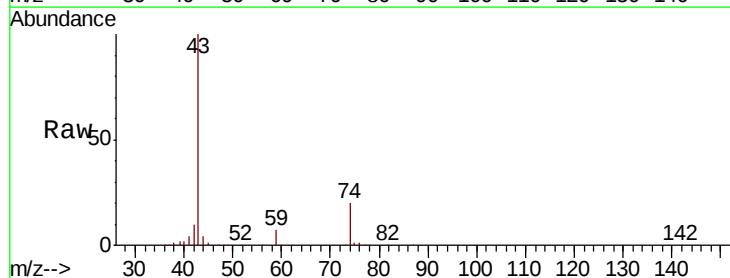
Acq: 17 Apr 2019 12:41

Tgt Ion: 43 Resp: 79207

Ion Ratio Lower Upper

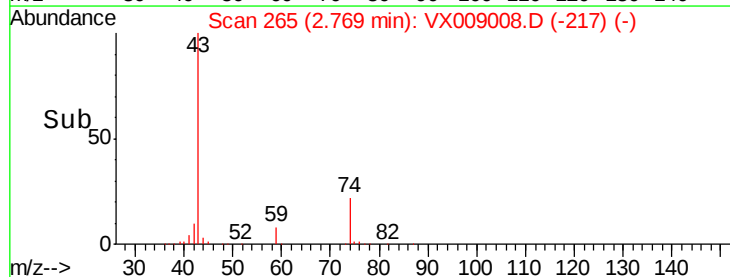
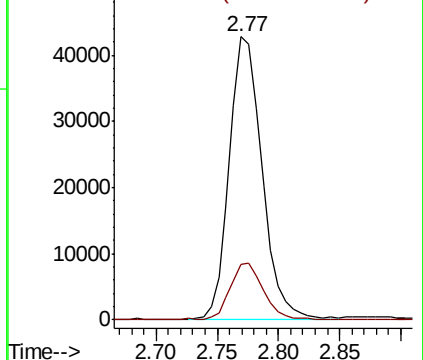
43 100

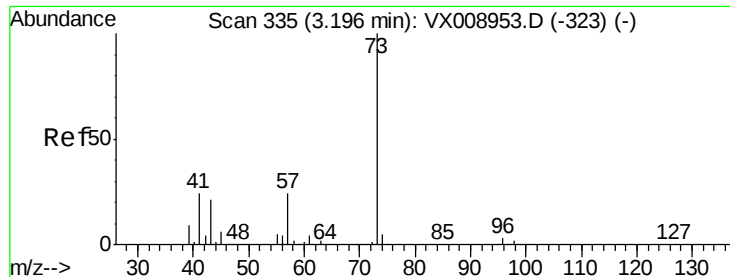
74 20.7 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



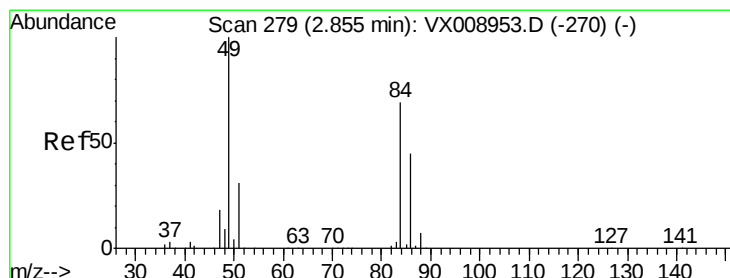
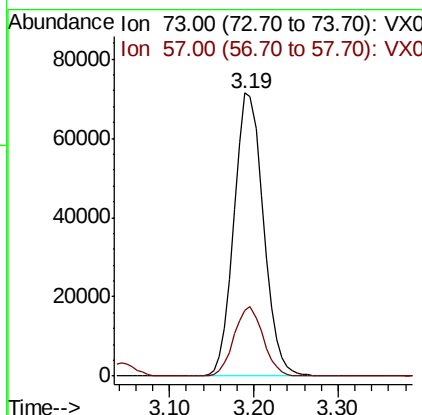
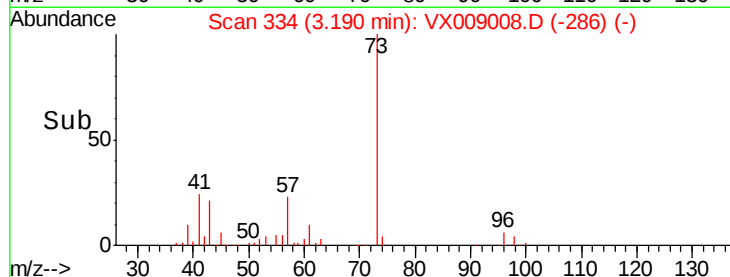
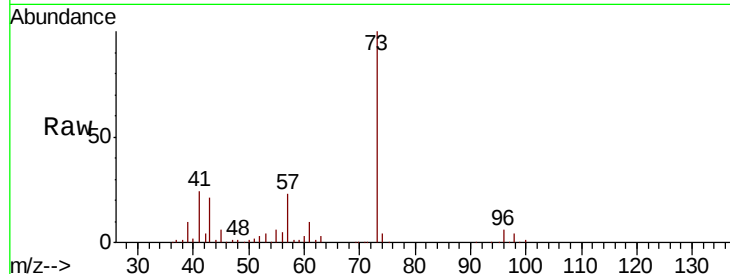


#19

Methyl tert-butyl Ether
 Concen: 20.597 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

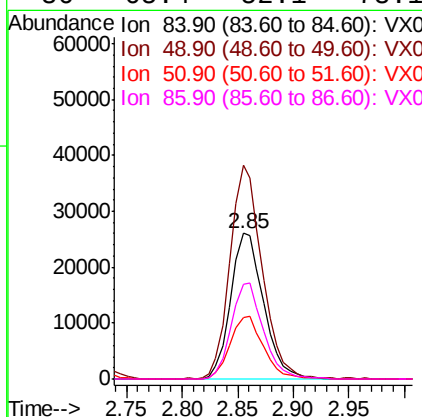
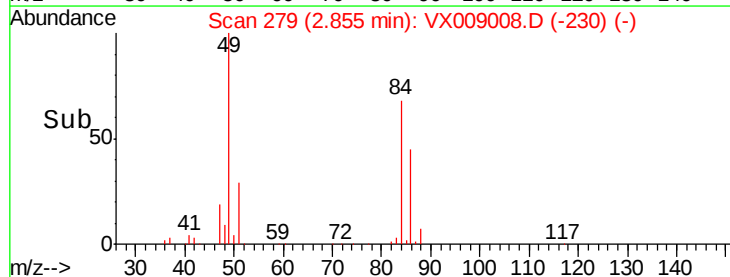
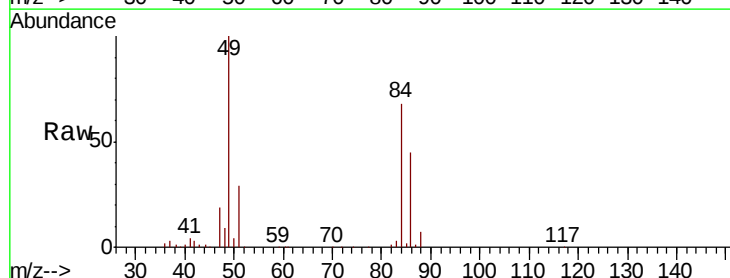
Tot Ion: 73 Resp: 168632
 Ion Ratio Lower Upper
 73 100
 57 23.3 19.2 28.8

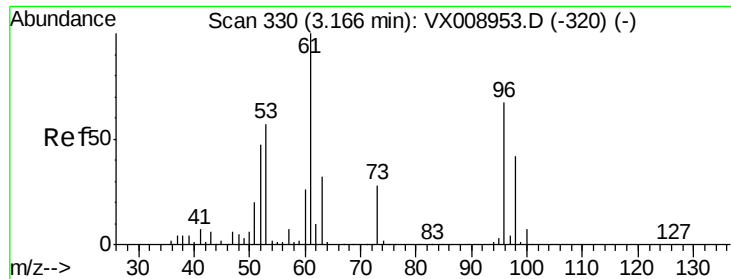


#20

Methylene Chloride
 Concen: 19.970 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 84 Resp: 53477
 Ion Ratio Lower Upper
 84 100
 49 146.5 115.4 173.0
 51 42.6 35.8 53.6
 86 65.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.809 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

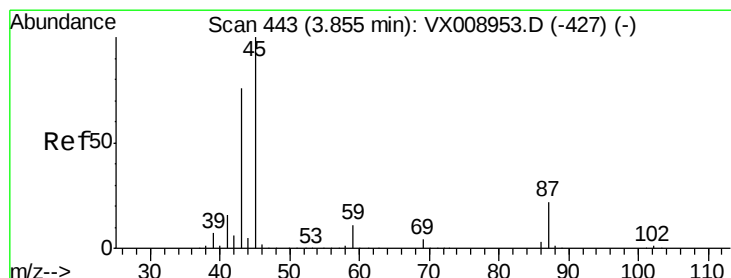
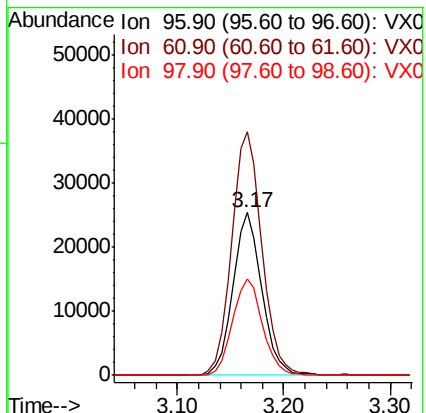
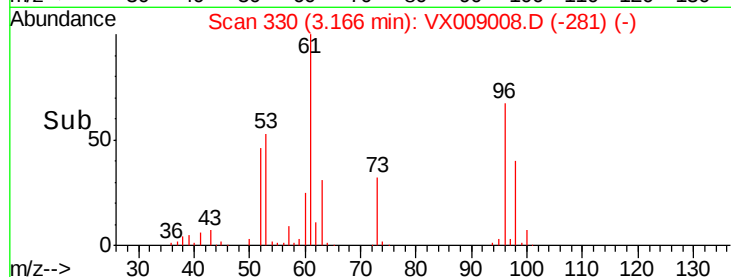
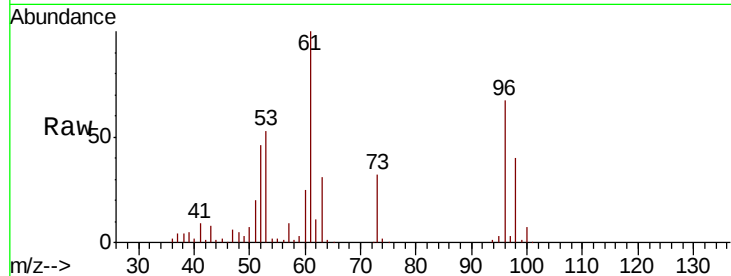
Tot Ion: 96 Resp: 48548

Ion Ratio Lower Upper

96 100

61 149.6 120.3 180.5

98 59.6 50.2 75.2



#22

Diisopropyl ether

Concen: 21.067 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion: 45 Resp: 205216

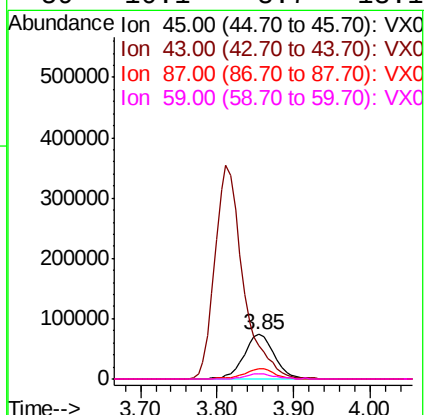
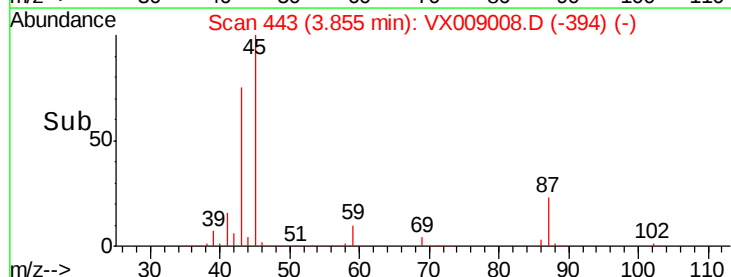
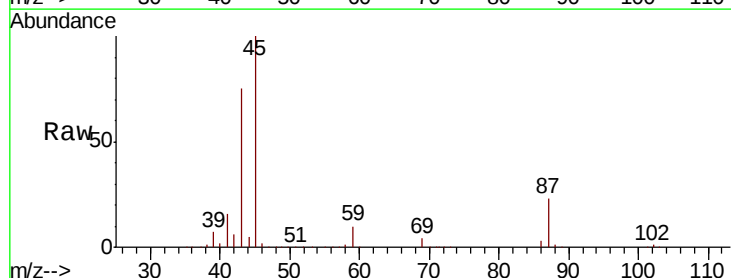
Ion Ratio Lower Upper

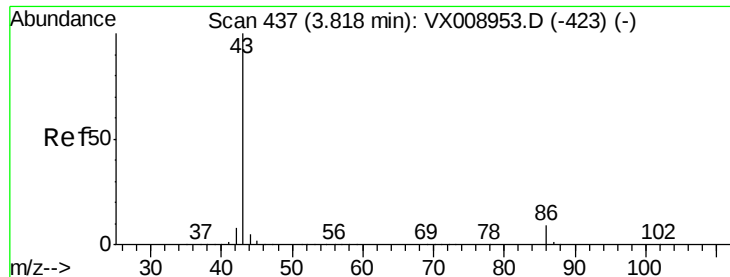
45 100

43 74.8 60.6 91.0

87 22.9 17.8 26.8

59 10.1 8.7 13.1





#23

Vinyl Acetate

Concen: 106.967 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

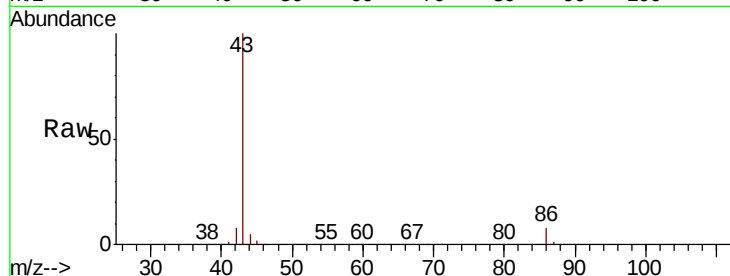
VX0417WBS01

Tot Ion: 43 Resp: 915950

Ion Ratio Lower Upper

43 100

86 8.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

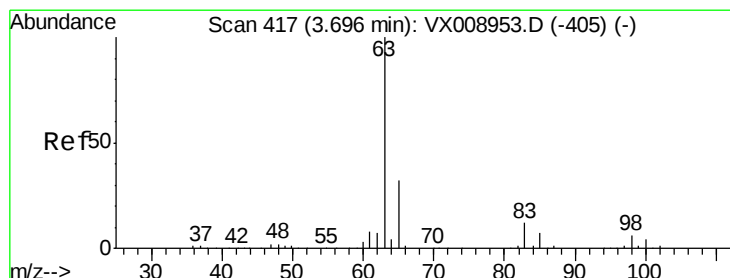
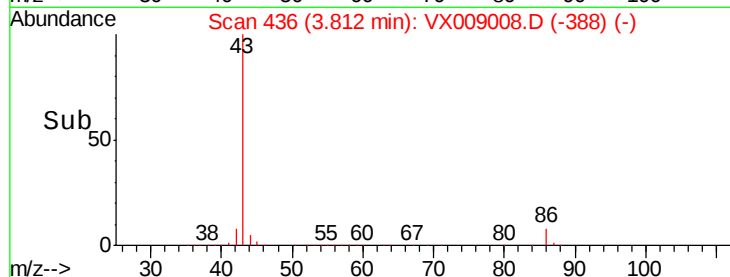
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.690 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

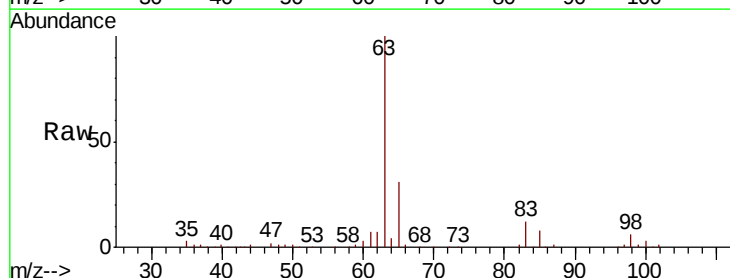
Tgt Ion: 63 Resp: 101172

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

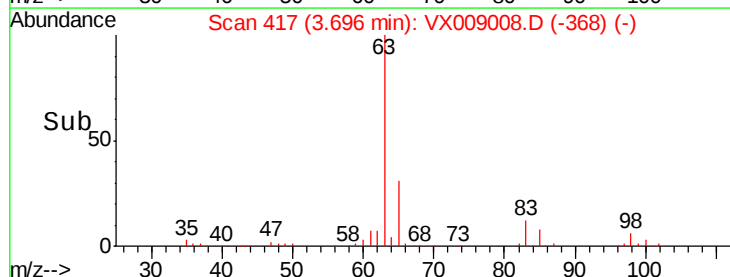
30000

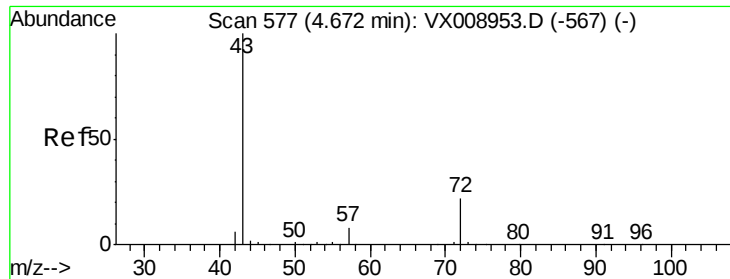
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.297 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

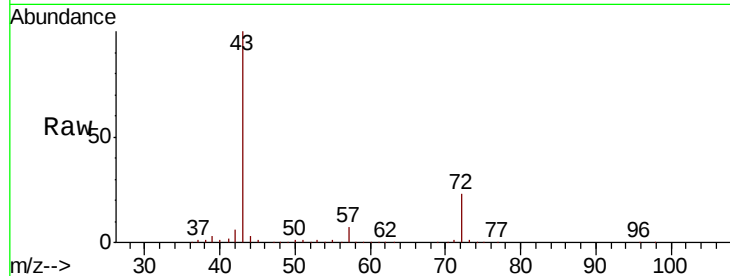
VX0417WBS01

Tot Ion: 43 Resp: 263562

Ion Ratio Lower Upper

43 100

72 22.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

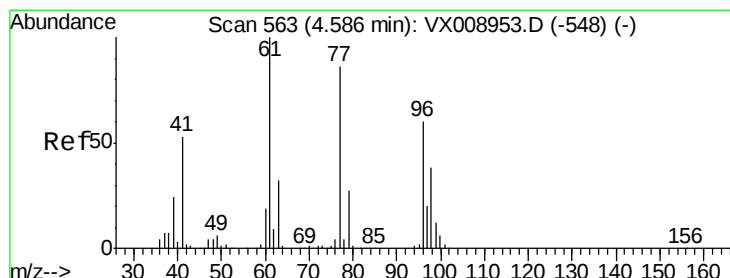
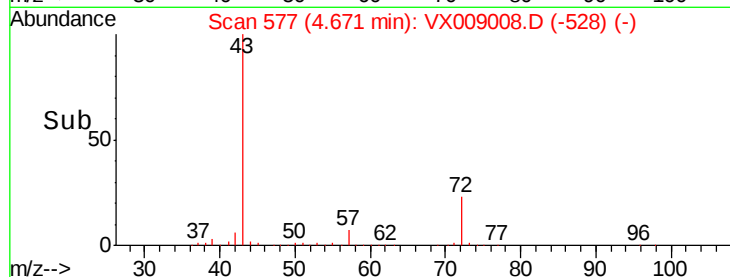
40000

20000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.754 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009008.D

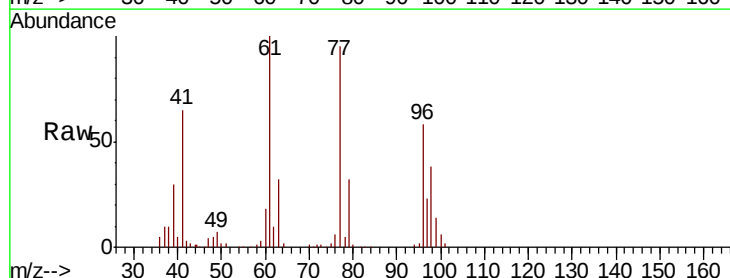
Acq: 17 Apr 2019 12:41

Tgt Ion: 77 Resp: 68740

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

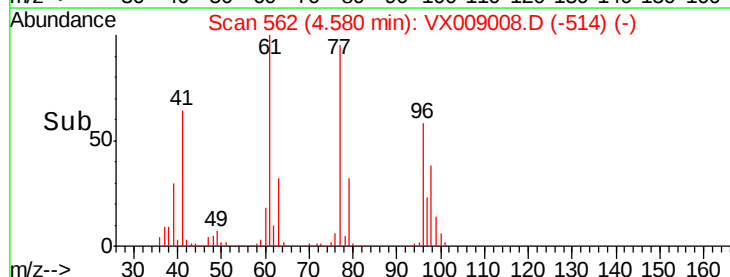
10000

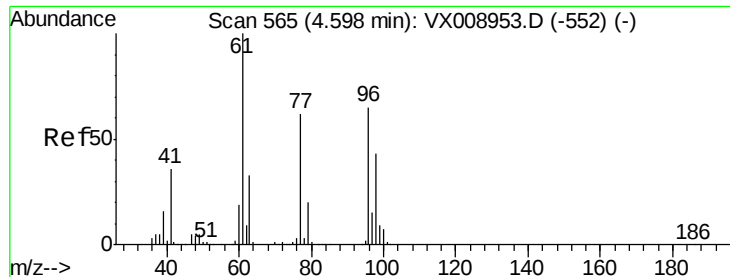
5000

0

4.50 4.55 4.60 4.65 4.70

Time-->



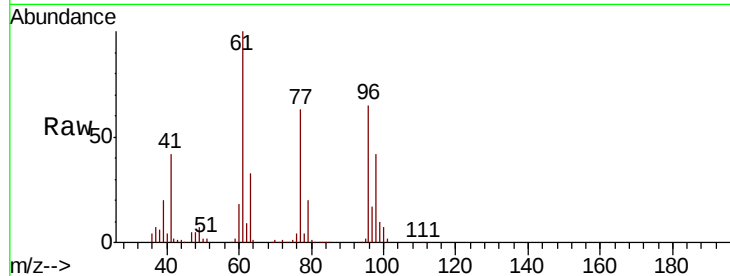


#27

cis-1,2-Dichloroethene
 Concen: 20.031 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	96	Resp	55739
Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	322.0
98	64.3	0.0	128.4

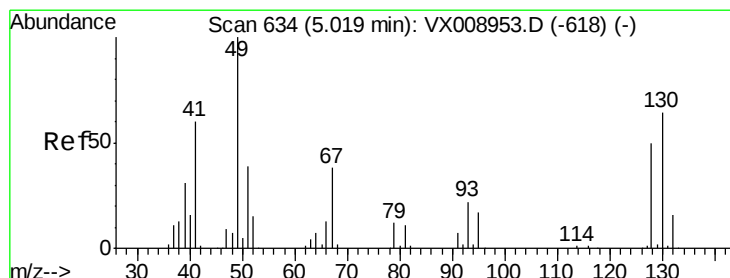
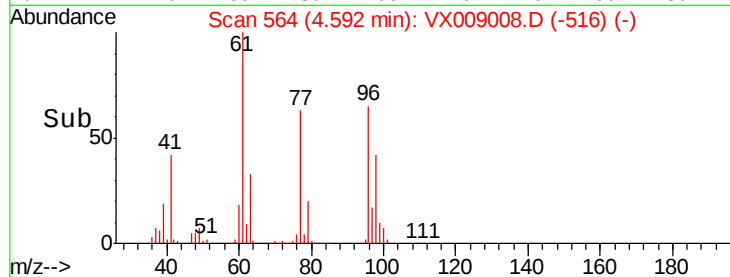
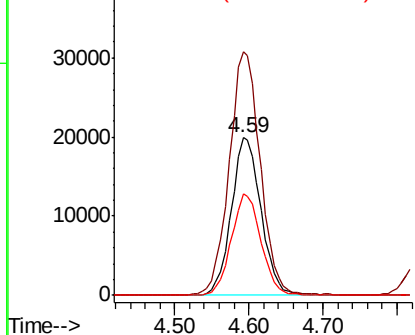


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

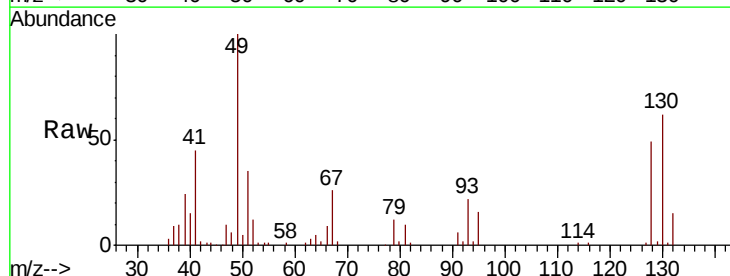
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 19.571 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	49	Resp	42136
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	61.9	50.4	75.6

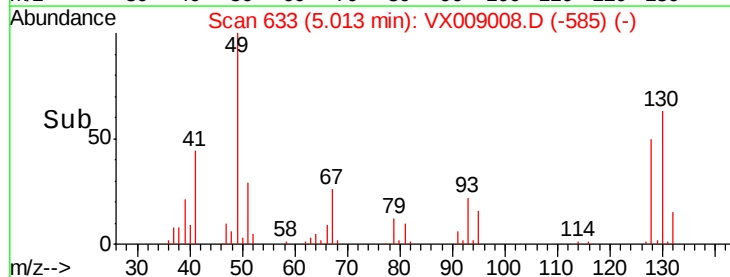
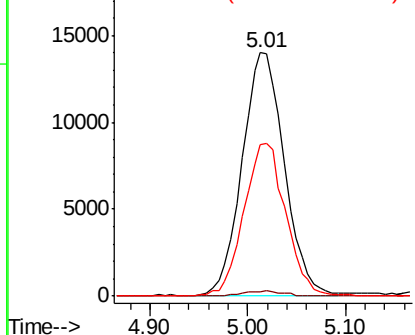


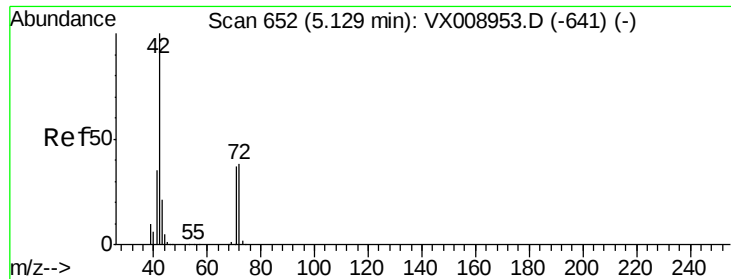
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

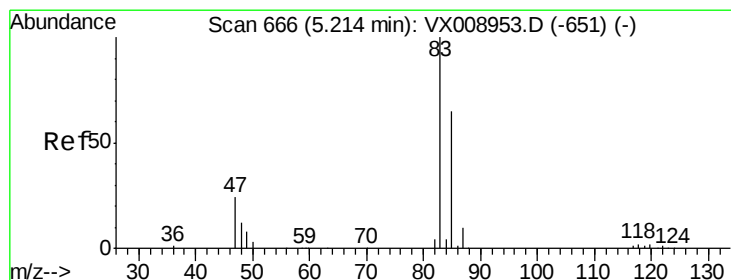
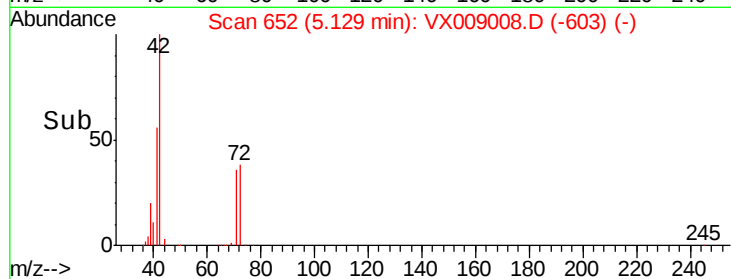
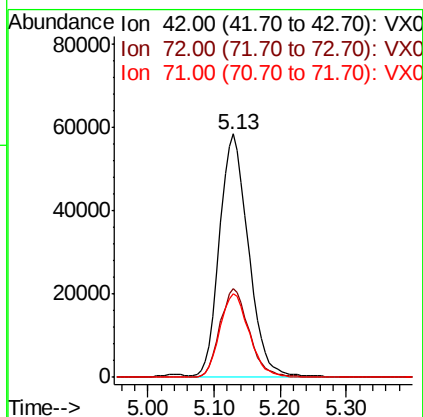
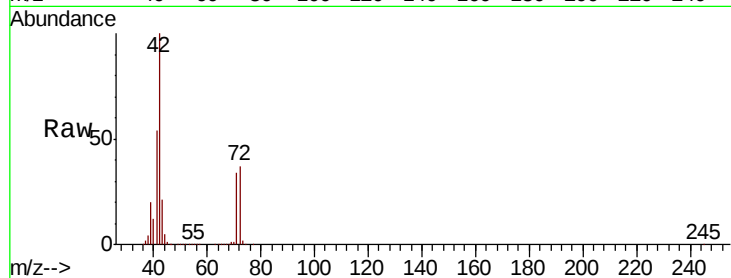




#29
Tetrahydrofuran
Concen: 104.988 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

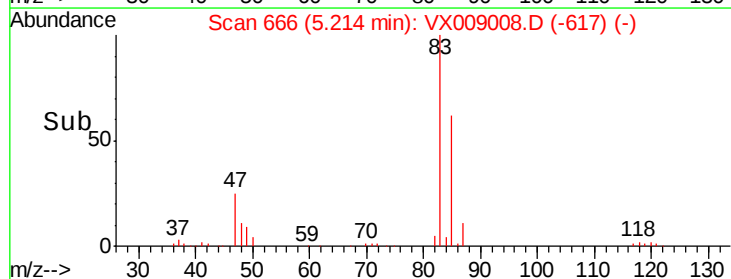
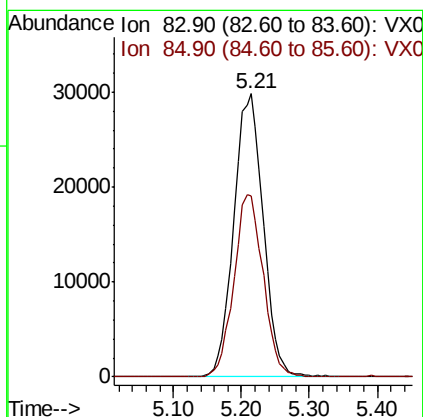
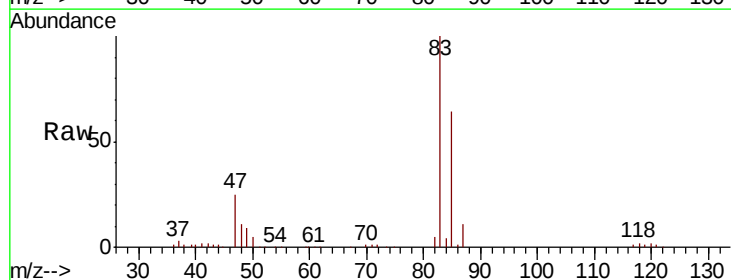
Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

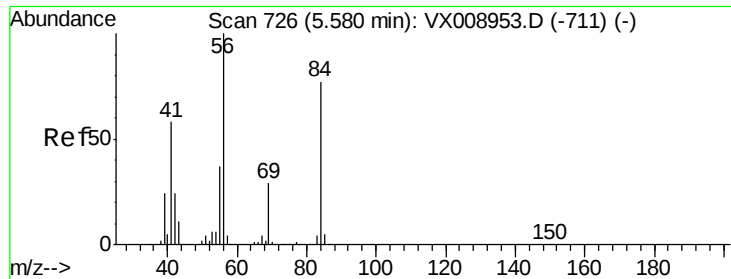
Tot Ion: 42 Resp: 175889
Ion Ratio Lower Upper
42 100
72 37.3 30.6 45.8
71 35.2 28.8 43.2



#30
Chloroform
Concen: 20.489 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 83 Resp: 89655
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9

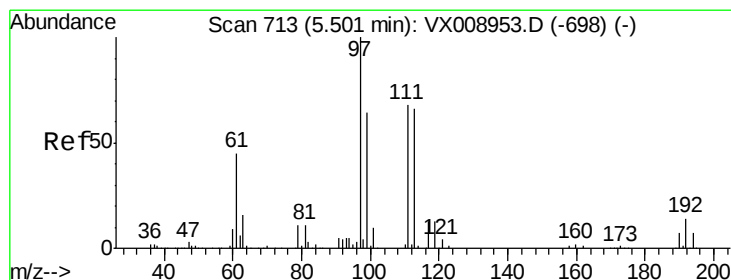
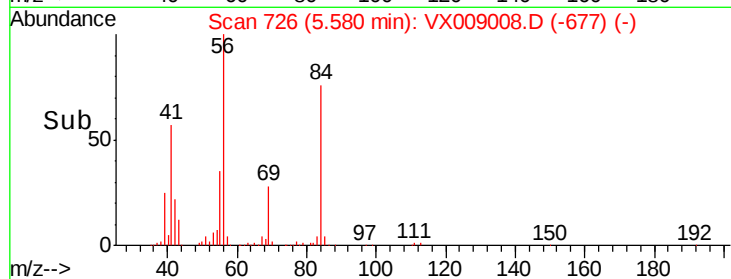
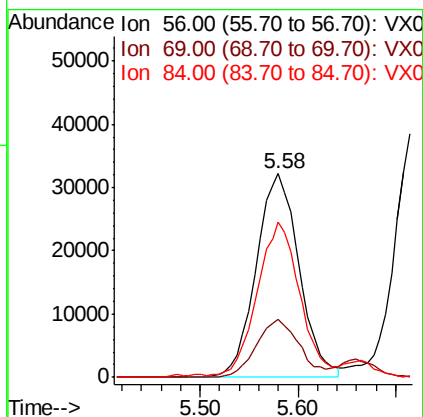
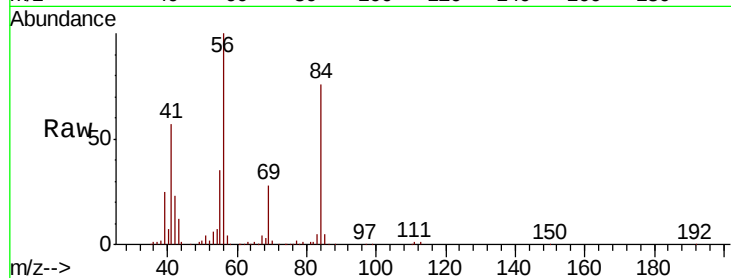




#31
Cyclohexane
Concen: 20.428 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

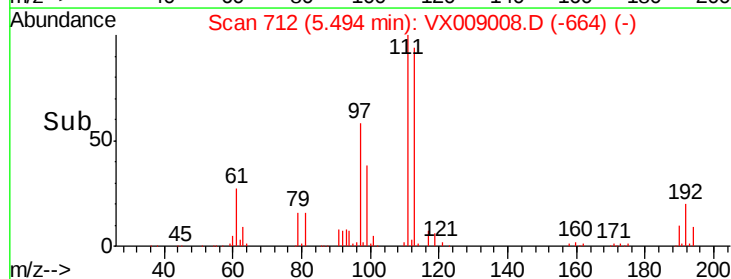
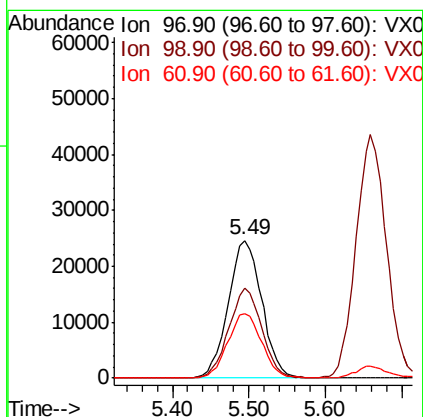
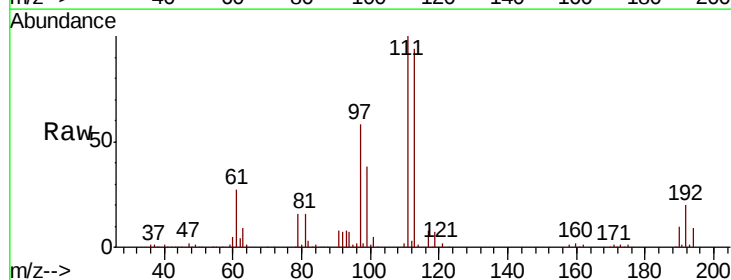
Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

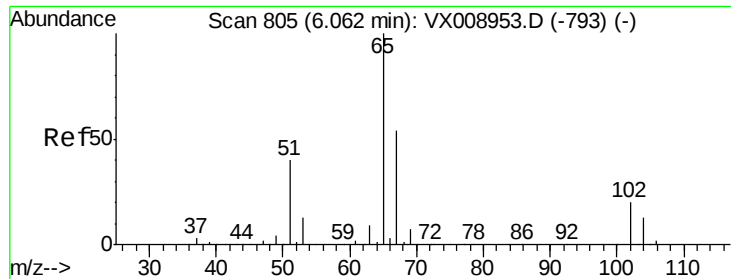
Tot Ion	56	Resp	98248
Ion Ratio	Lower	Upper	
56	100		
69	28.4	23.3	34.9
84	75.1	61.7	92.5



#32
1,1,1-Trichloroethane
Concen: 20.585 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	97	Resp	74655
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.6	77.4
61	48.1	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 53.740 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

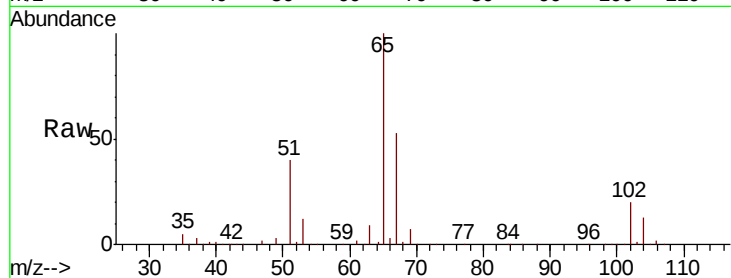
VX0417WBS01

Tot Ion: 65 Resp: 162277

Ion Ratio Lower Upper

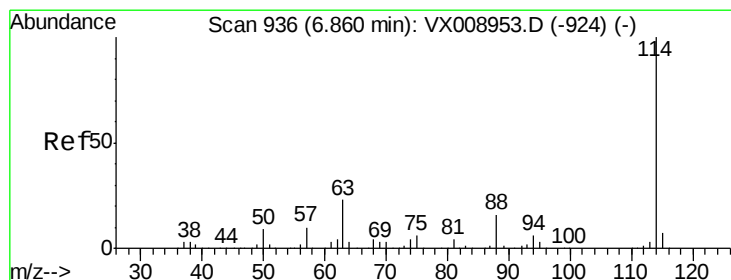
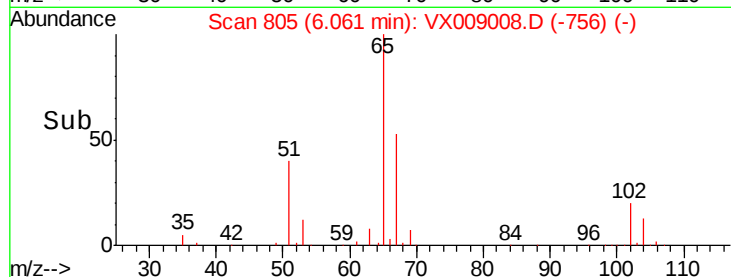
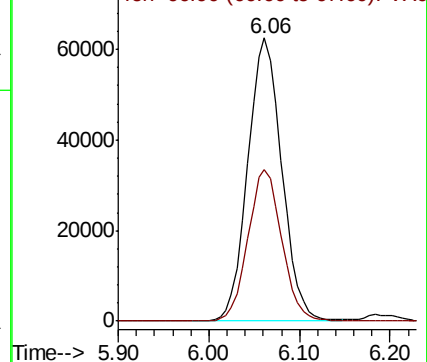
65 100

67 53.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

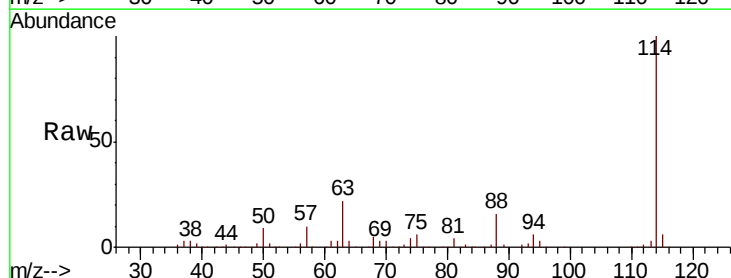
Tgt Ion: 114 Resp: 352754

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

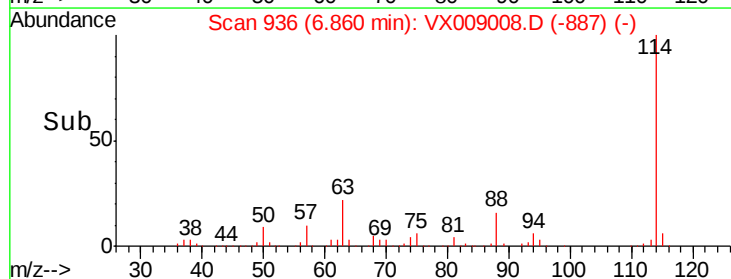
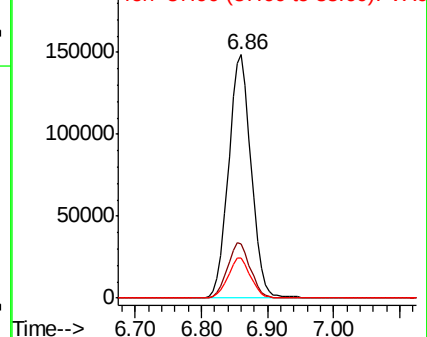
88 16.3 0.0 32.6

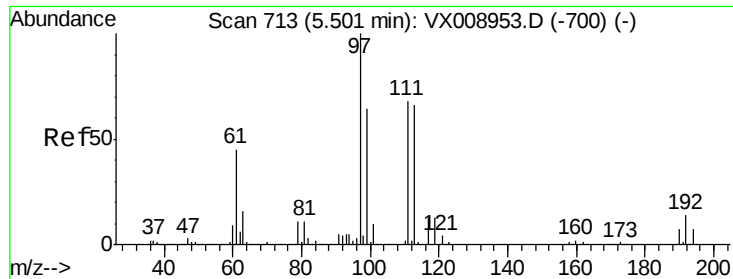


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

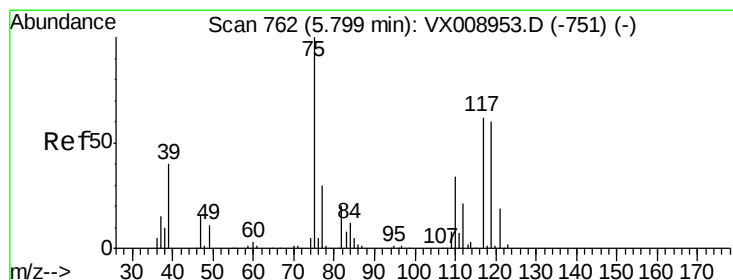
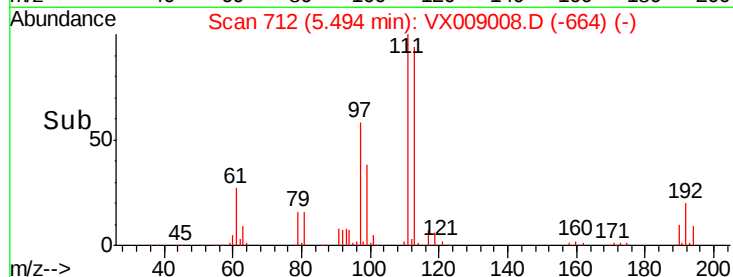
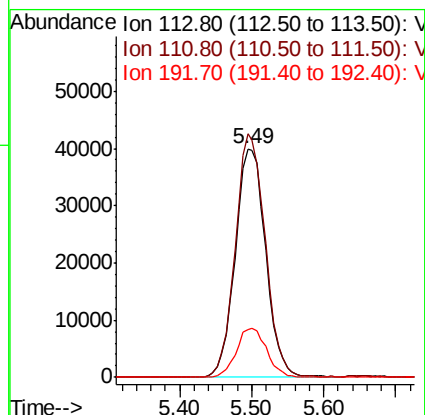
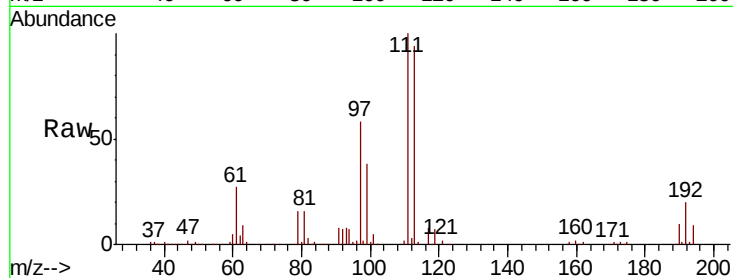




#35
 Dibromofluoromethane
 Concen: 51.890 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

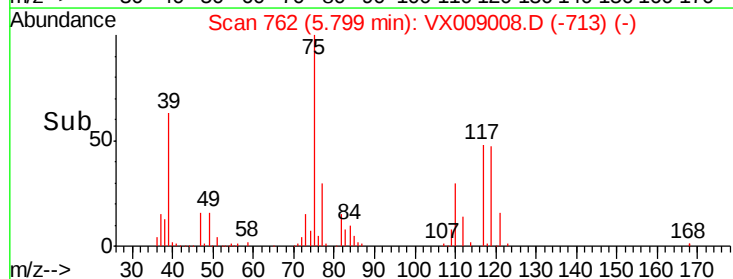
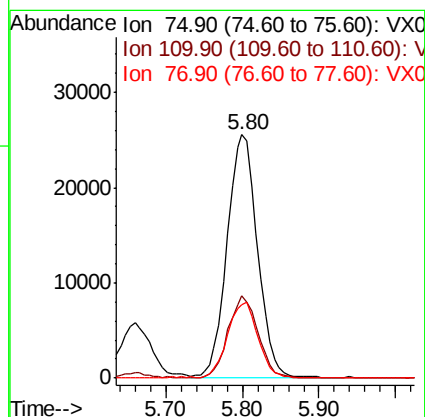
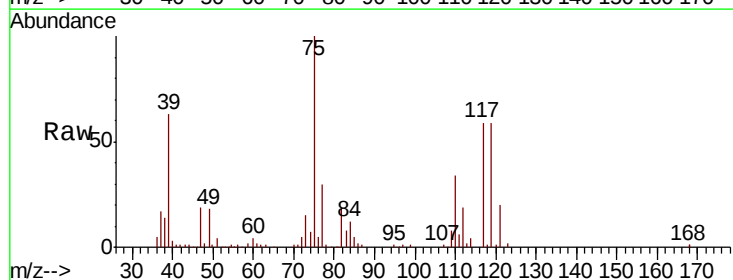
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

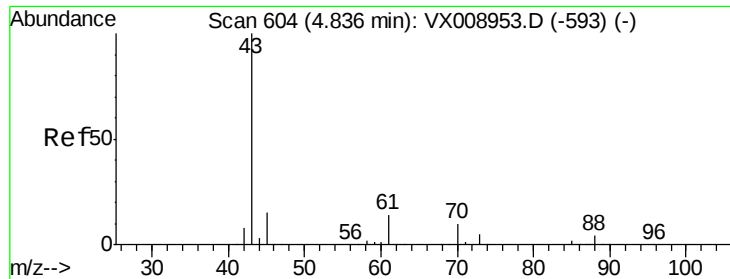
Tot Ion:113 Resp: 117473
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 21.3 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 19.179 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 75 Resp: 69970
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.7
 77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 20.951 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

VX0417WBS01

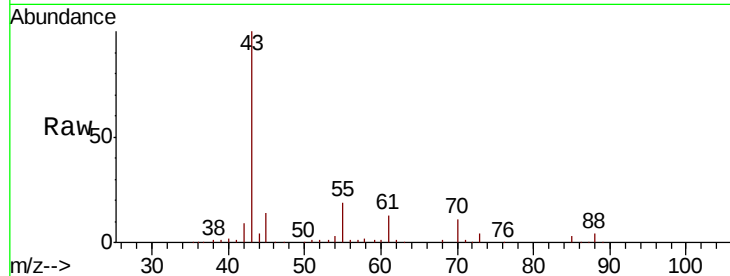
Tot Ion: 43 Resp: 98352

Ion Ratio Lower Upper

43 100

61 13.0 10.6 15.8

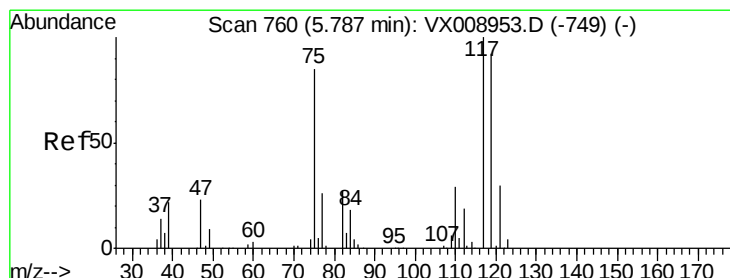
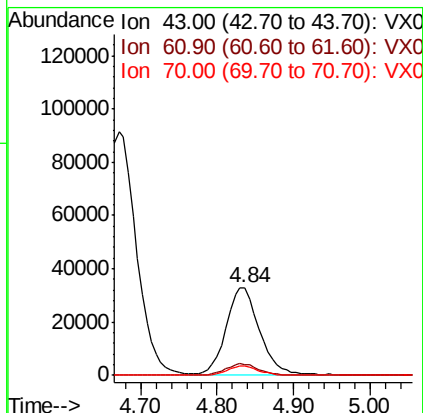
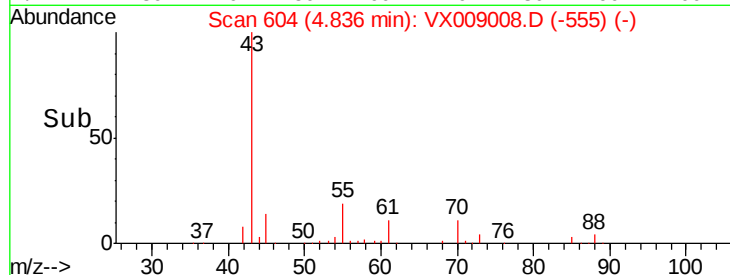
70 10.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.685 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

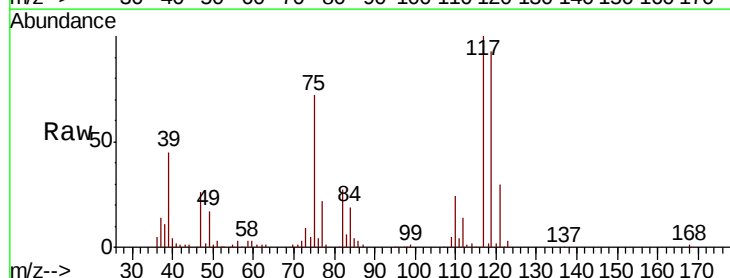
Tgt Ion: 117 Resp: 60882

Ion Ratio Lower Upper

117 100

119 93.3 73.8 110.8

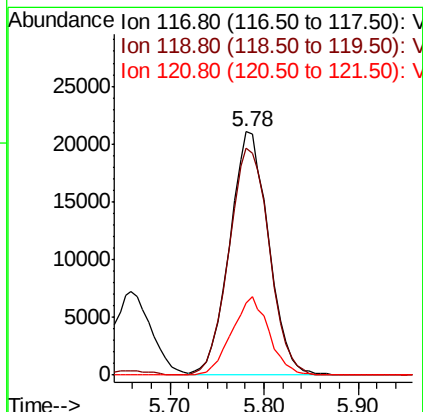
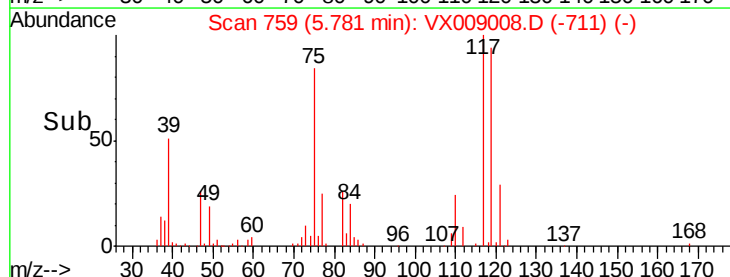
121 29.6 23.6 35.4

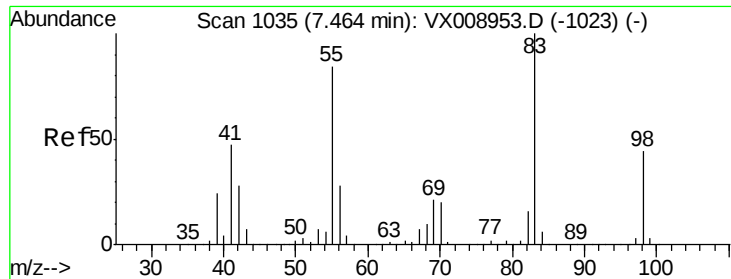


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

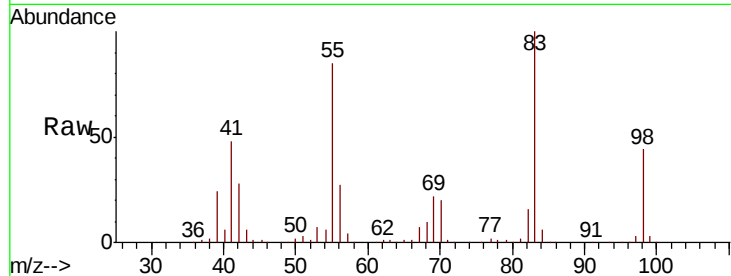




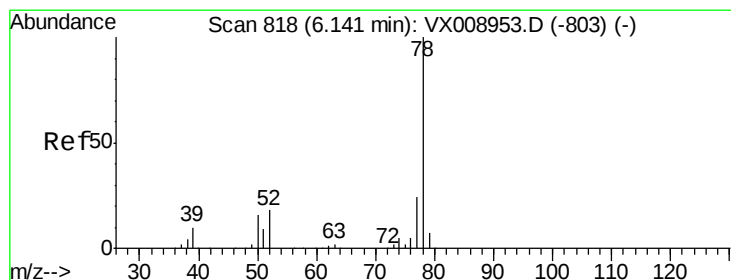
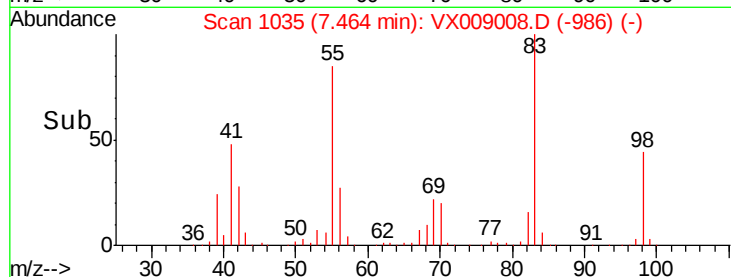
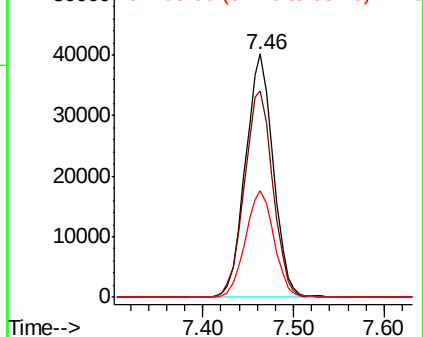
#39
Methvlcvclohexane
Concen: 19.209 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampled :
VX0417WBS01

Tot Ion: 83 Resp: 85322
Ion Ratio Lower Upper
83 100
55 84.9 67.1 100.7
98 43.9 35.1 52.7

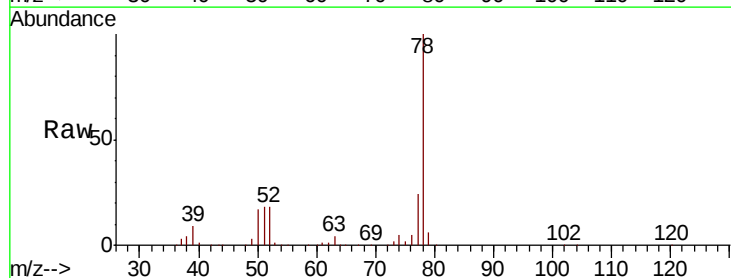


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

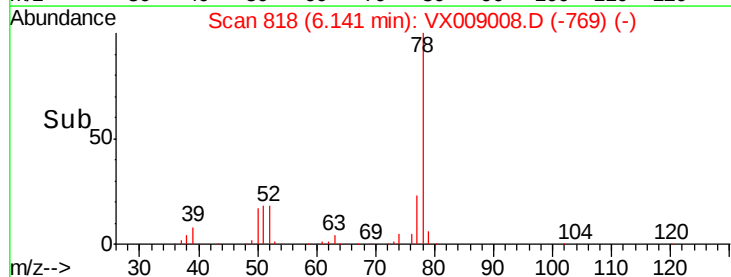
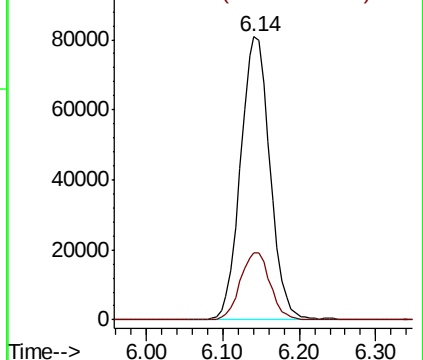


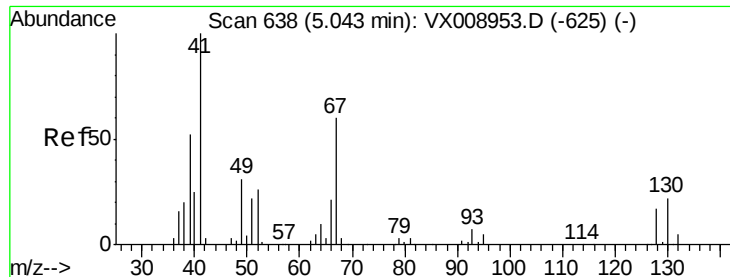
#40
Benzene
Concen: 20.069 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 78 Resp: 215992
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



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

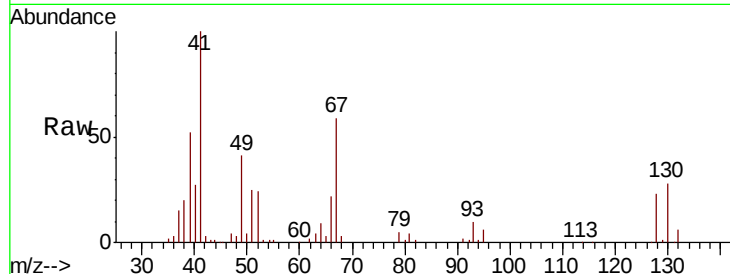




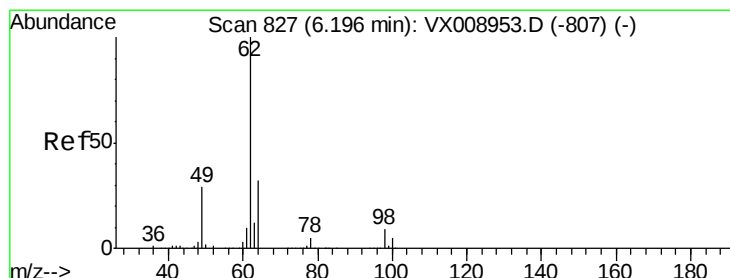
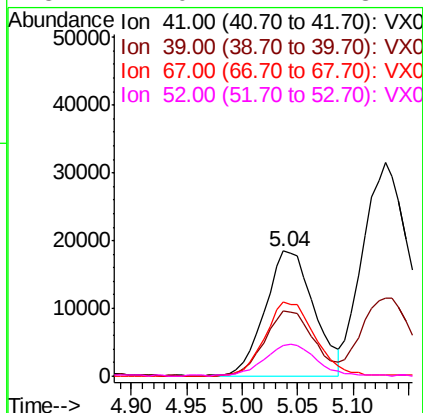
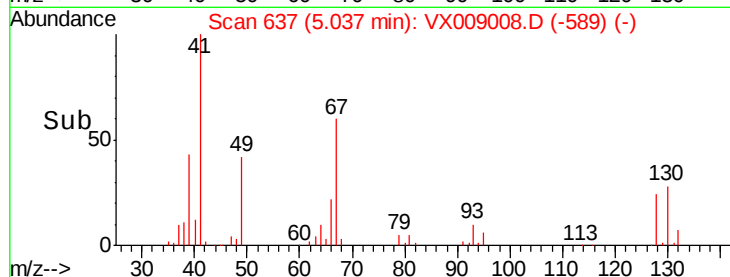
#41
Methacrylonitrile
Concen: 21.038 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion:	41	Resp:	56682
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.8	62.6
67	60.8	50.2	75.4
52	27.0	21.1	31.7

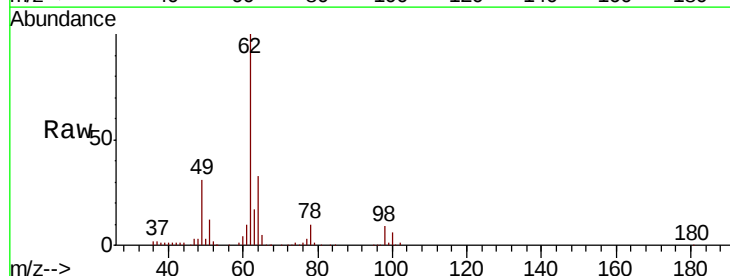


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

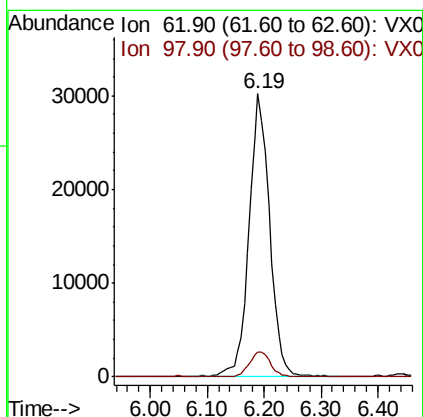
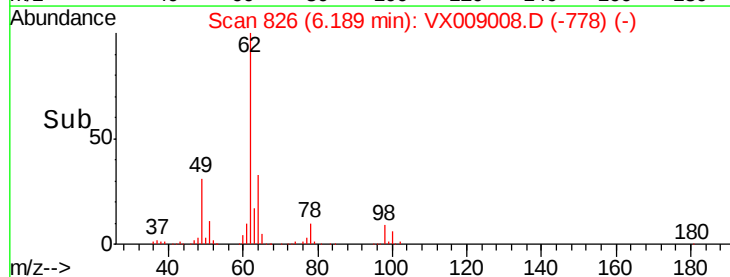


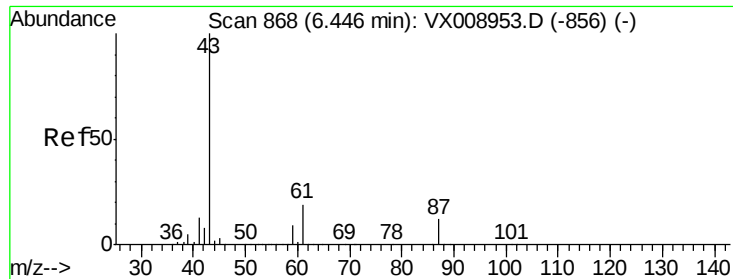
#42
1,2-Dichloroethane
Concen: 20.043 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:	62	Resp:	76413
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



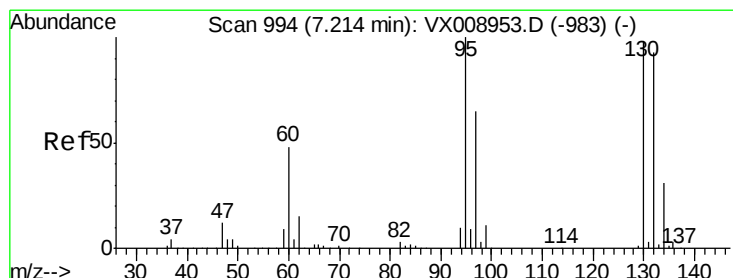
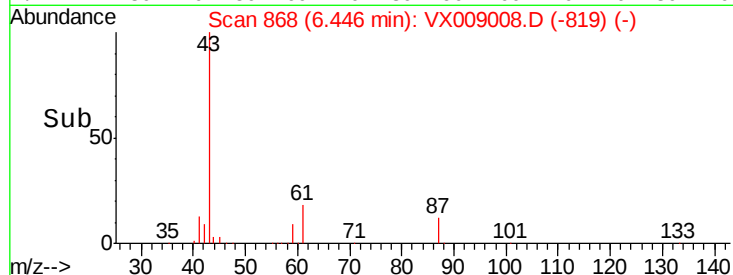
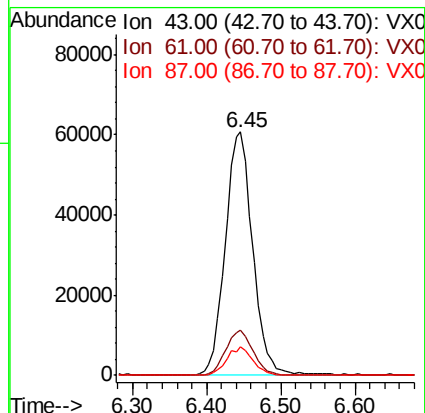
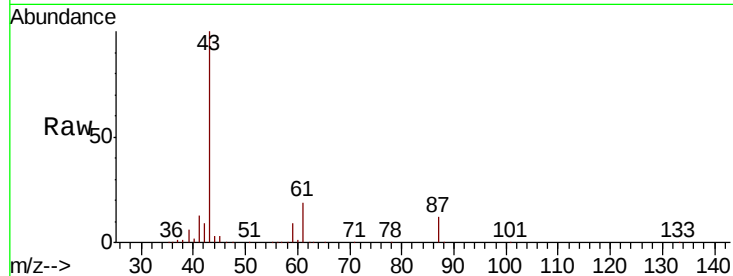


#43

Isopropyl Acetate
 Concen: 20.492 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

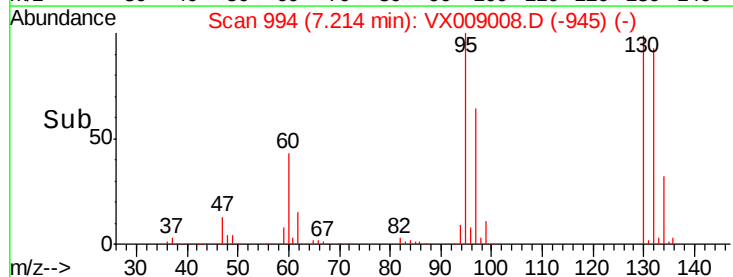
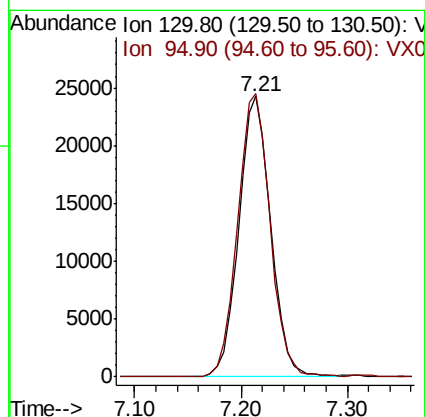
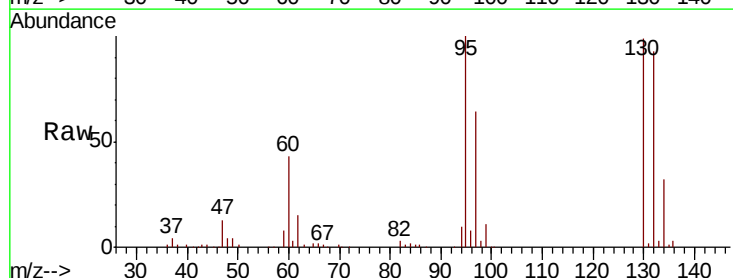
Tot Ion: 43 Resp: 155023
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.4 23.0
 87 11.4 9.0 13.4

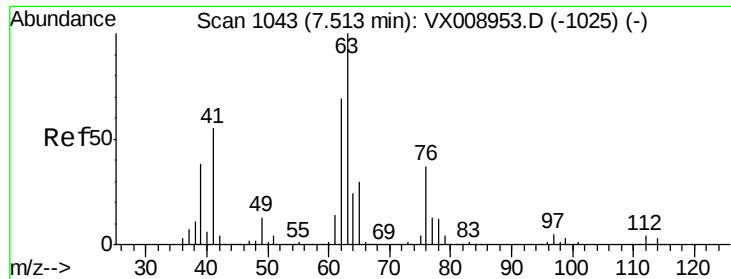


#44

Trichloroethene
 Concen: 19.353 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion:130 Resp: 51034
 Ion Ratio Lower Upper
 130 100
 95 100.7 0.0 203.2

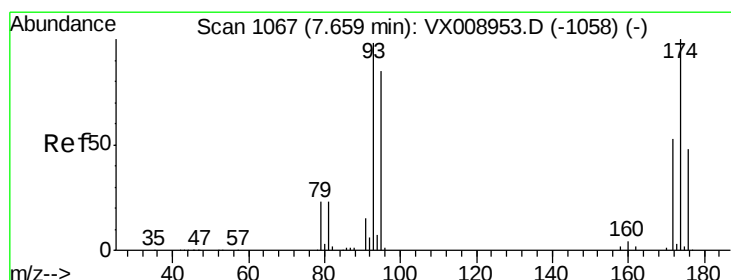
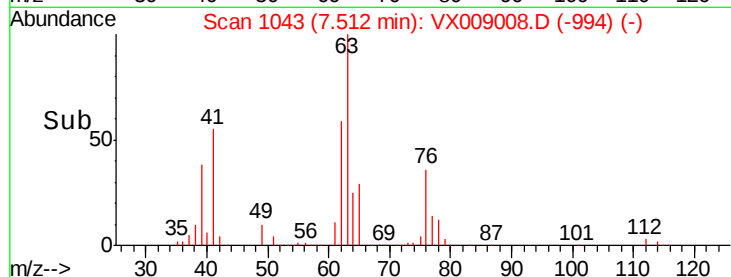
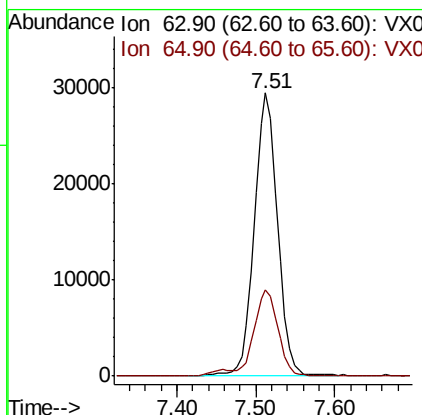
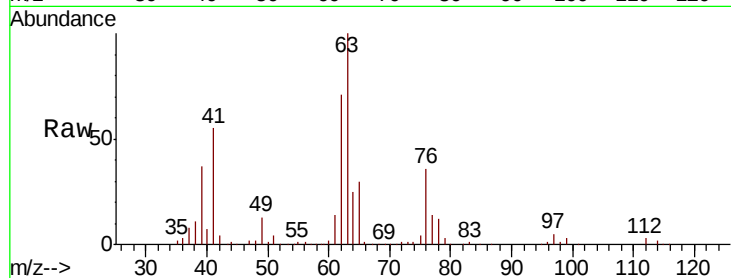




#45
 1,2-Dichloropropane
 Concen: 20.314 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

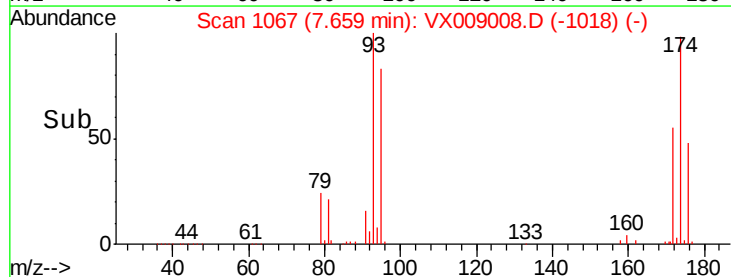
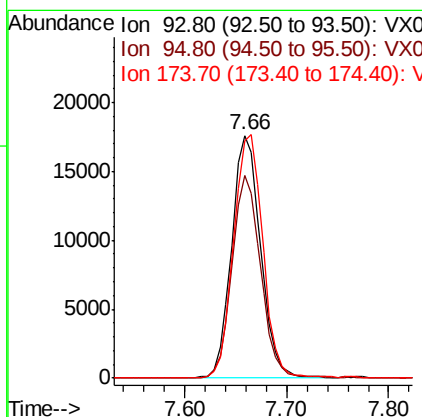
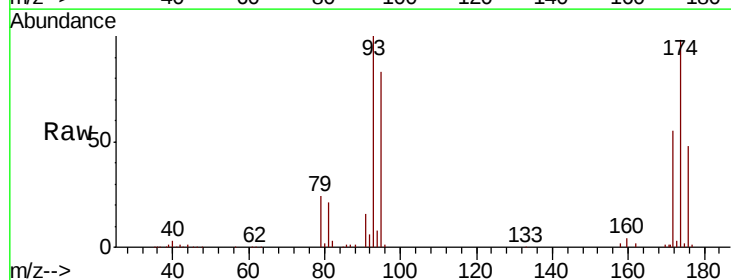
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

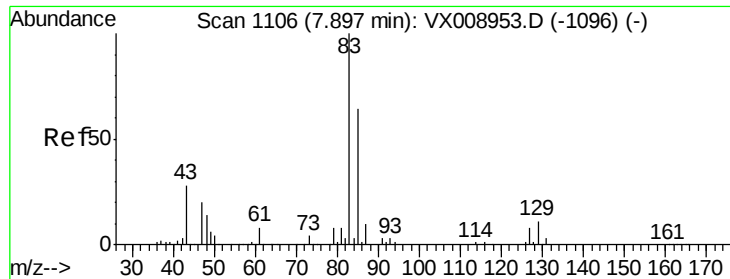
Tot Ion: 63 Resp: 60653
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.1 36.1



#46
 Dibromomethane
 Concen: 19.861 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 93 Resp: 34512
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.0 100.4
 174 101.6 81.6 122.4





#47

Bromodichloromethane

Concen: 20.041 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

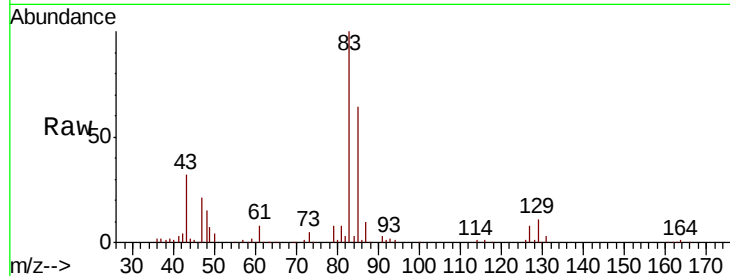
Tot Ion: 83 Resp: 68303

Ion Ratio Lower Upper

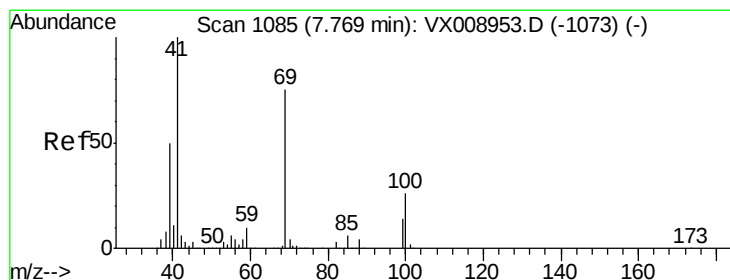
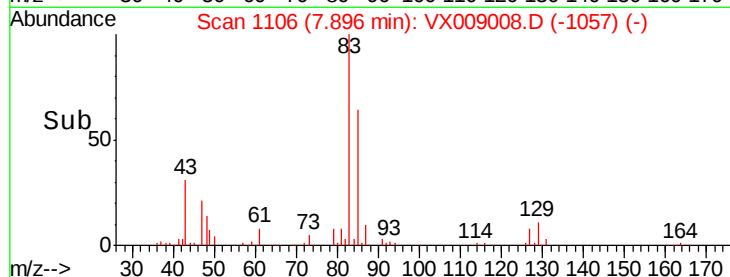
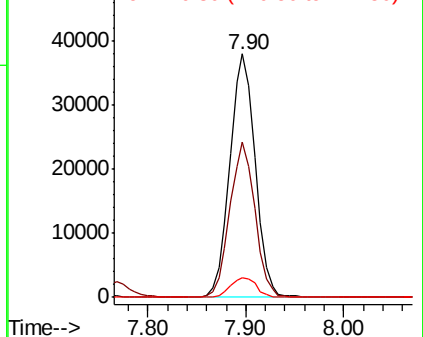
83 100

85 63.6 50.8 76.2

127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.596 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

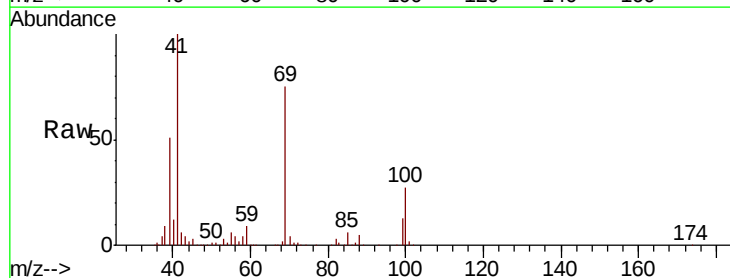
Tgt Ion: 41 Resp: 76988

Ion Ratio Lower Upper

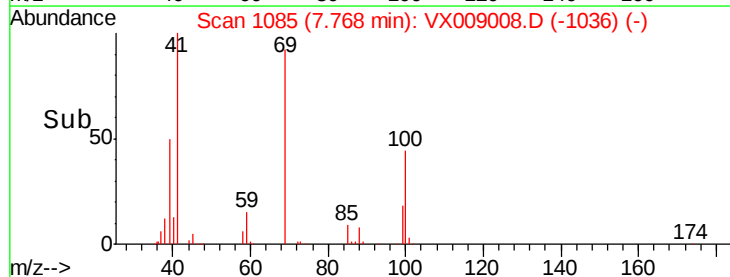
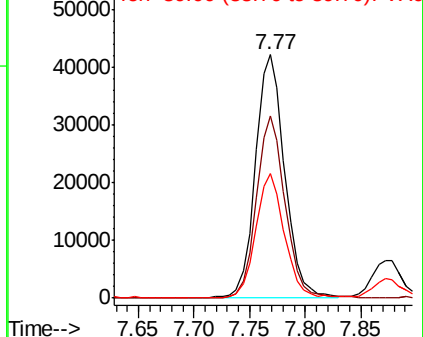
41 100

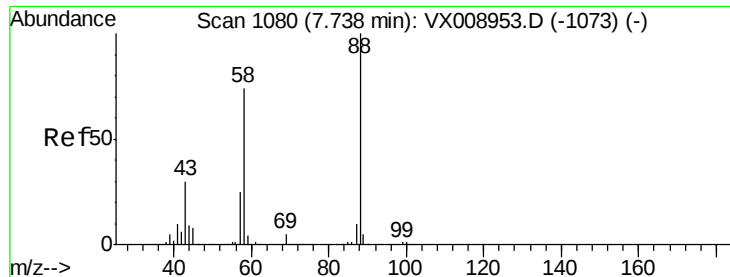
69 74.1 59.4 89.2

39 50.7 39.8 59.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

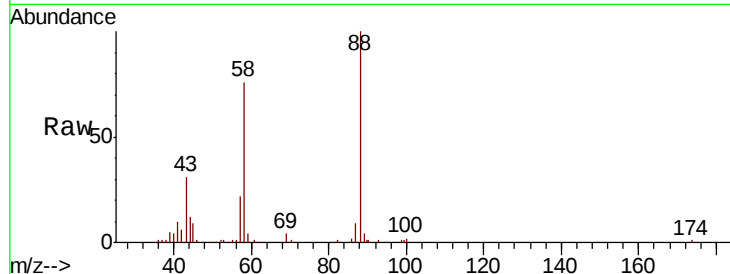




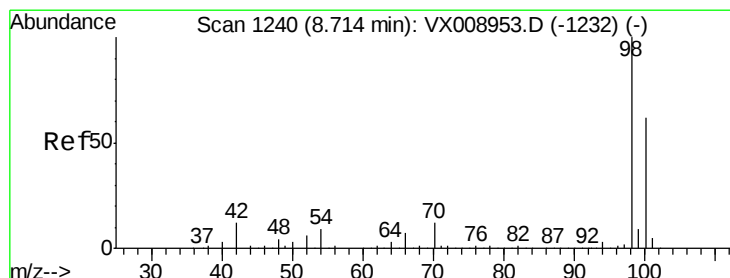
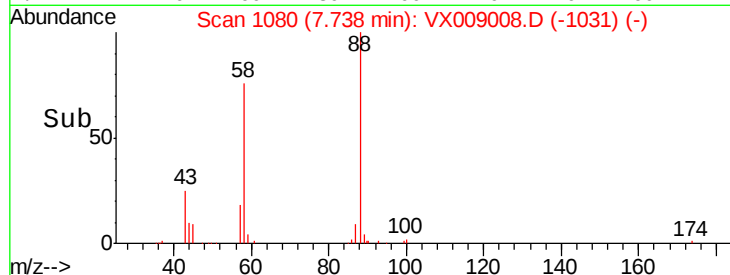
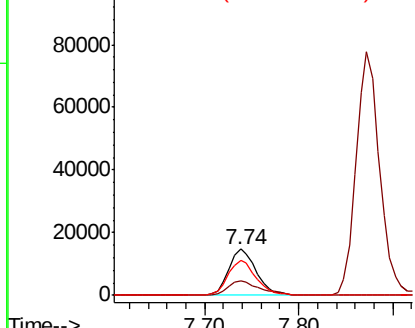
#49
1,4-Dioxane
Concen: 430.723 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion: 88 Resp: 30135
Ion Ratio Lower Upper
88 100
43 35.7 29.3 43.9
58 78.6 62.6 93.8

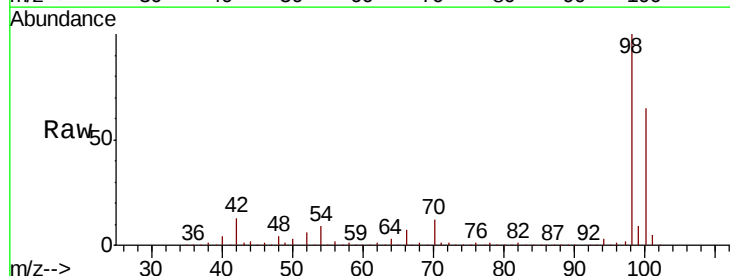


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

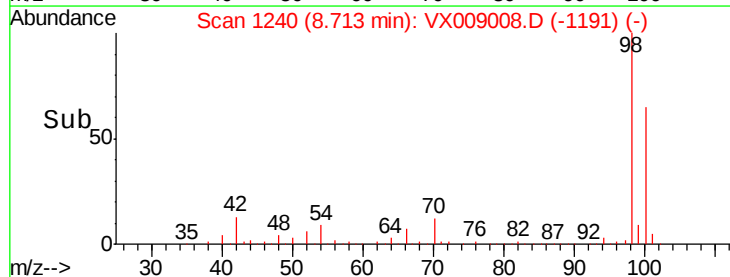
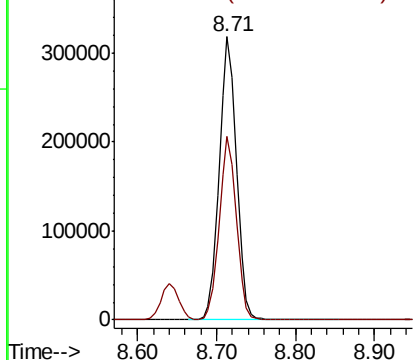


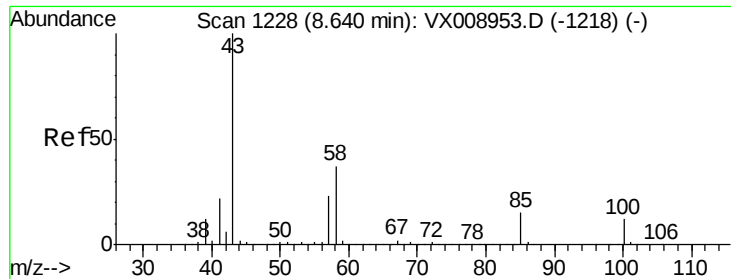
#50
Toluene-d8
Concen: 53.716 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 98 Resp: 484972
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

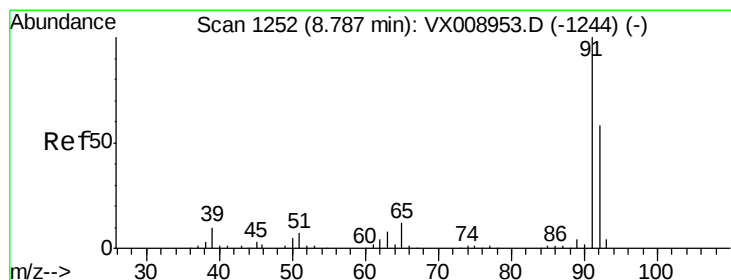
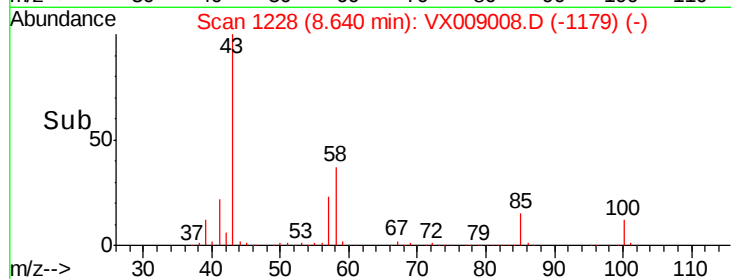
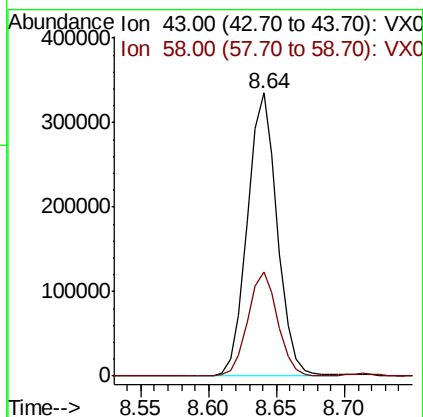
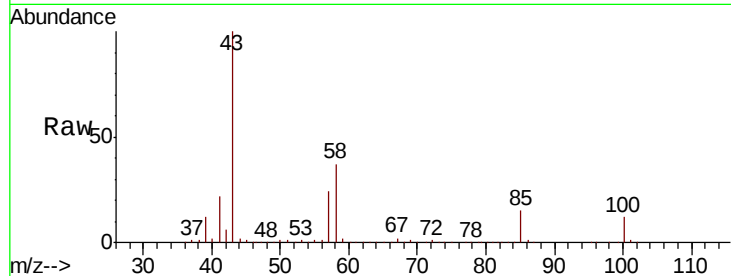




#51
4-Methyl-2-Pentanone
Concen: 106.949 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

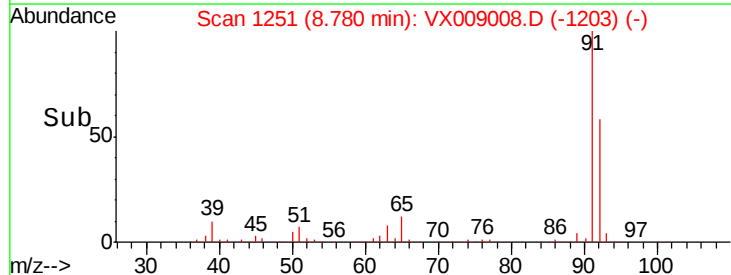
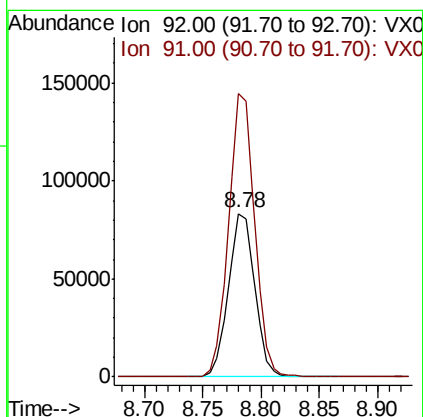
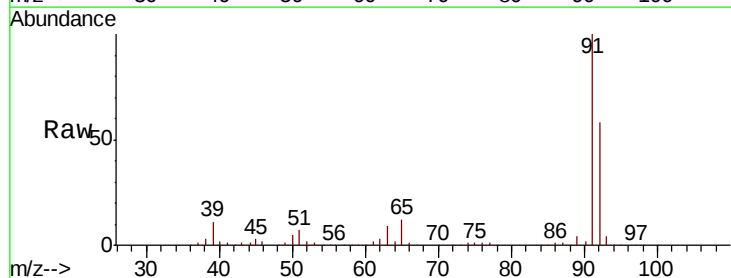
Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

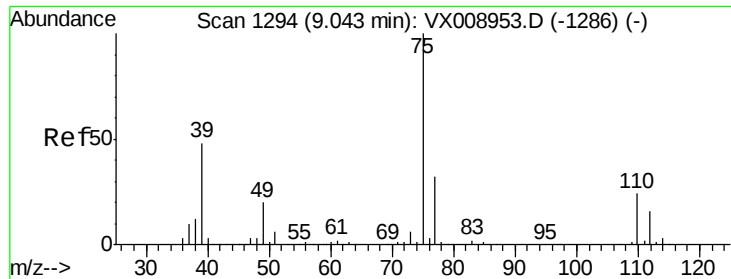
Tot Ion: 43 Resp: 515449
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6



#52
Toluene
Concen: 20.352 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 92 Resp: 131277
Ion Ratio Lower Upper
92 100
91 171.9 138.5 207.7

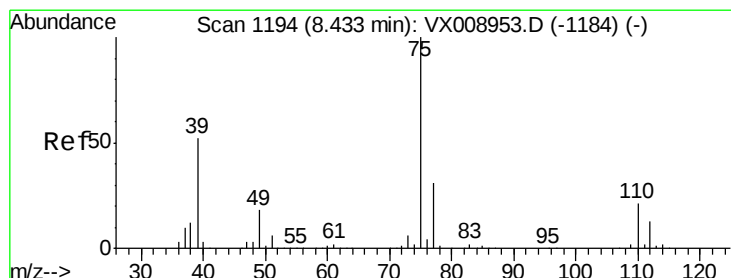
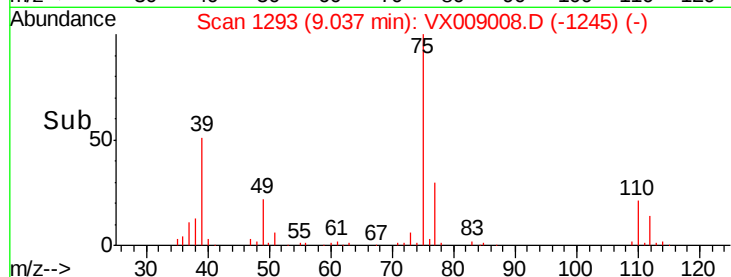
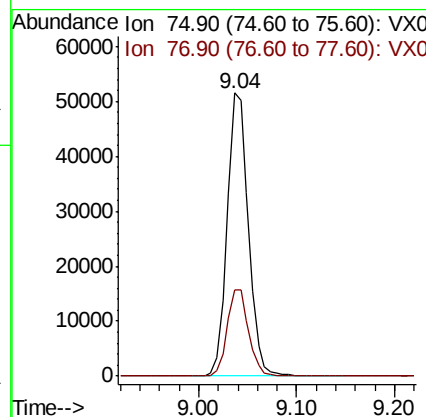
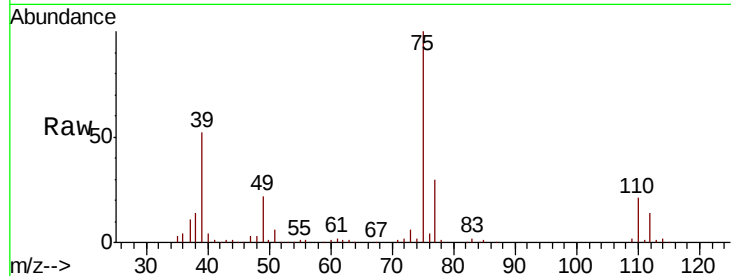




#53
t-1,3-Dichloropropene
Concen: 19.736 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

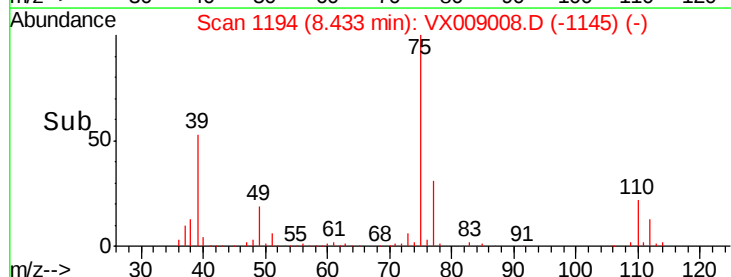
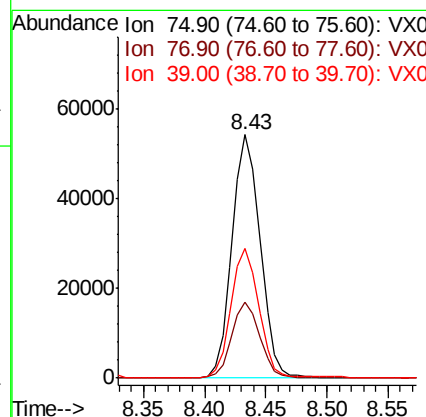
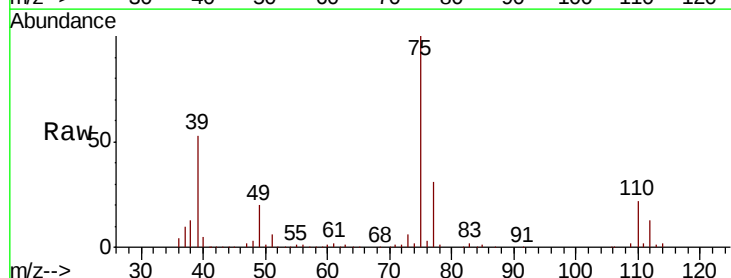
Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

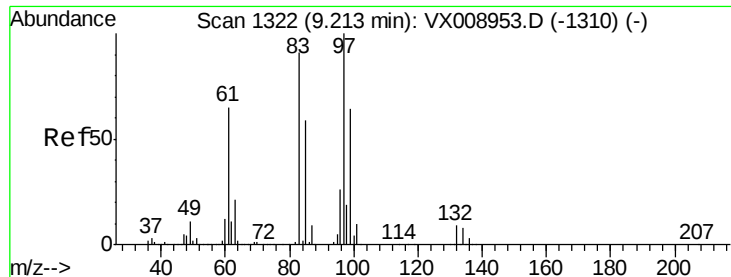
Tot Ion: 75 Resp: 77411
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.769 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 75 Resp: 86825
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 53.0 41.8 62.6

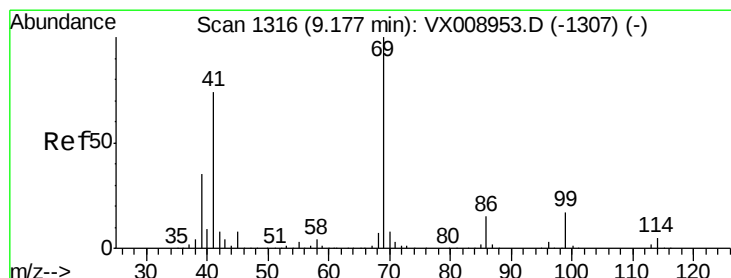
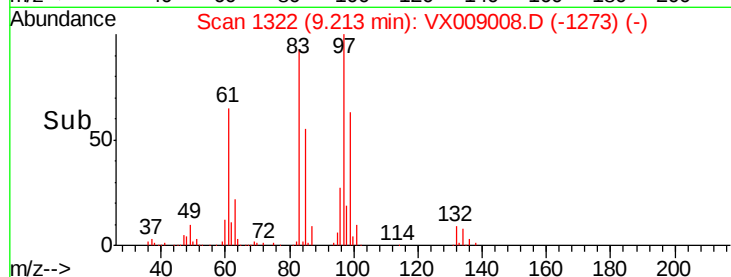
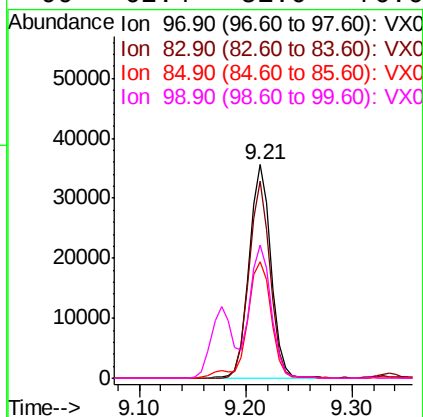
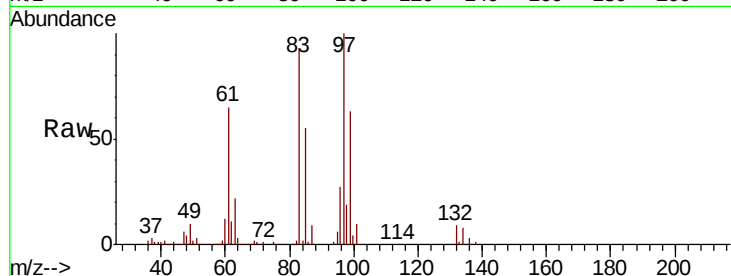




#55
 1,1,2-Trichloroethane
 Concen: 20.219 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

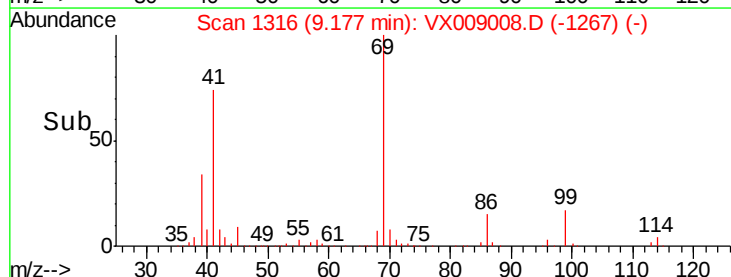
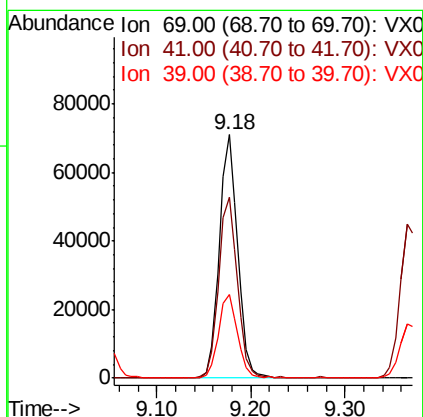
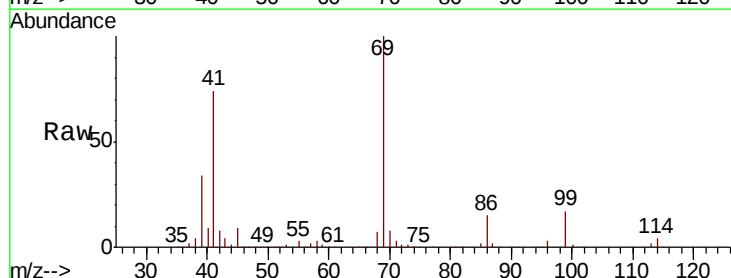
Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBS01

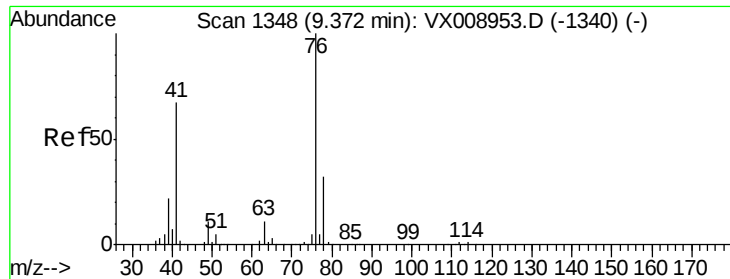
Tot Ion	97	Resp	51687
Ion	Ratio	Lower	Upper
97	100		
83	92.6	72.6	108.8
85	54.6	46.9	70.3
99	62.4	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 20.913 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	69	Resp	95864
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.2	90.2
39	35.2	27.9	41.9





#57

1,3-Dichloropropane

Concen: 20.332 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

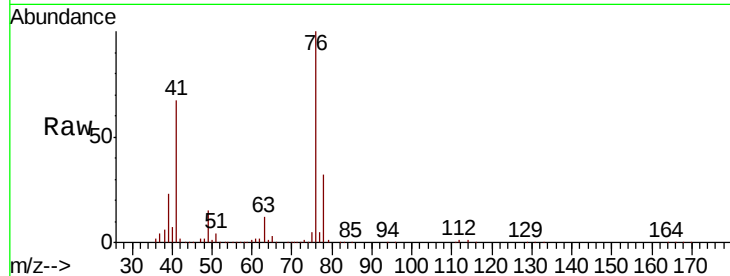
VX0417WBS01

Tot Ion: 76 Resp: 92543

Ion Ratio Lower Upper

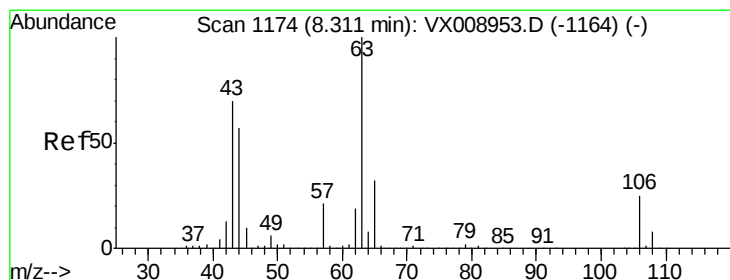
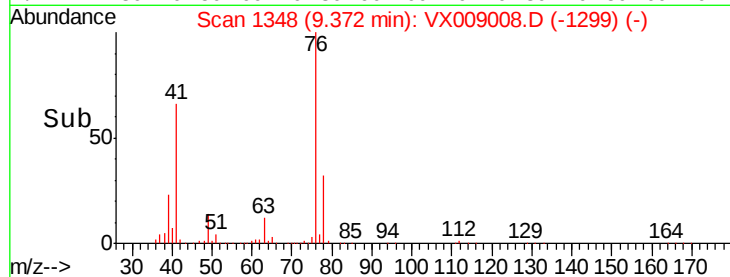
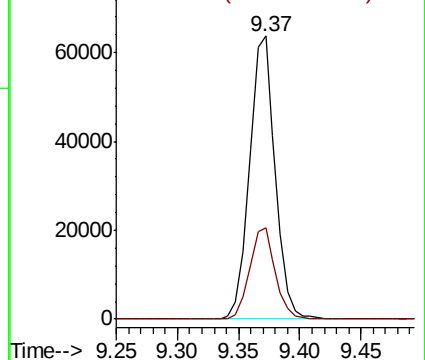
76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.018 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009008.D

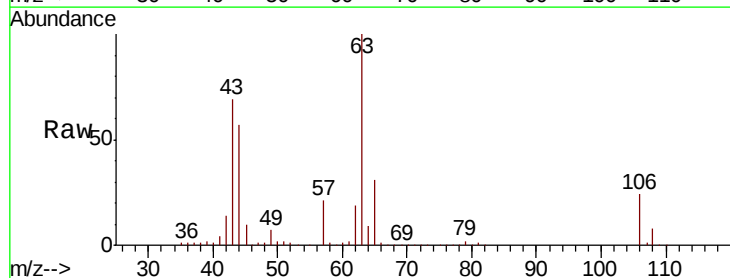
Acq: 17 Apr 2019 12:41

Tgt Ion: 63 Resp: 261697

Ion Ratio Lower Upper

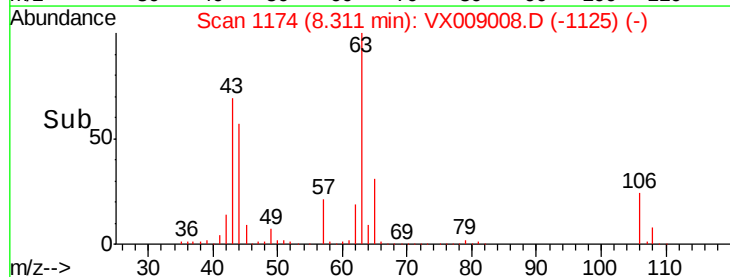
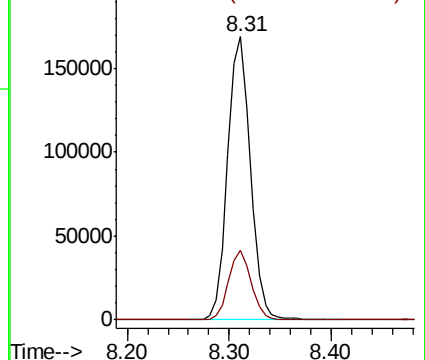
63 100

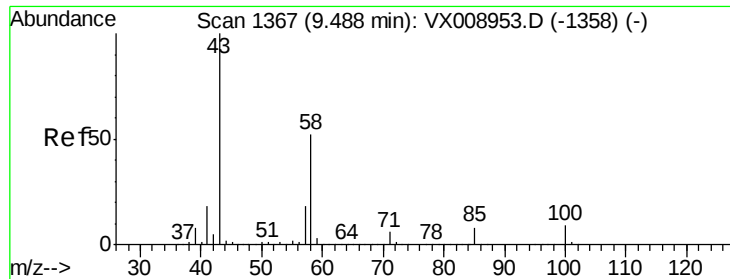
106 24.2 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

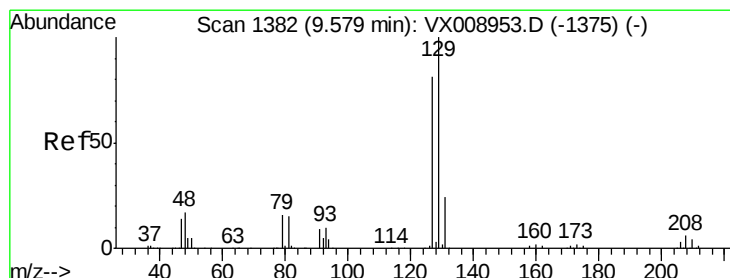
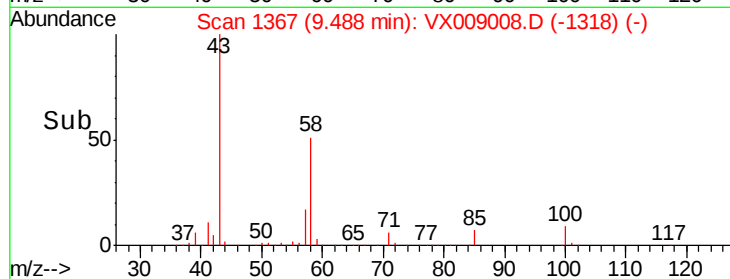
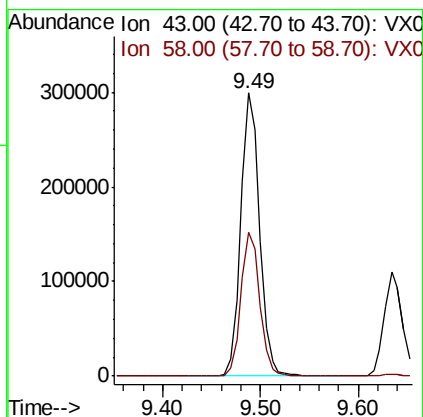
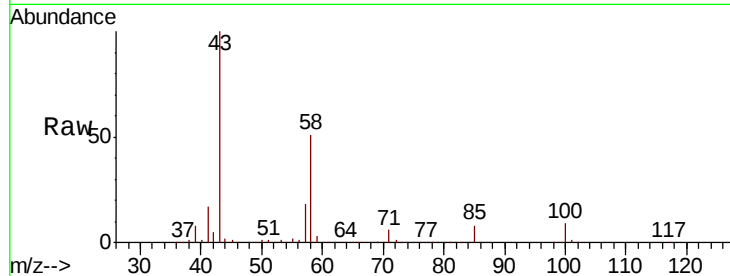




#59
2-Hexanone
Concen: 107.262 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

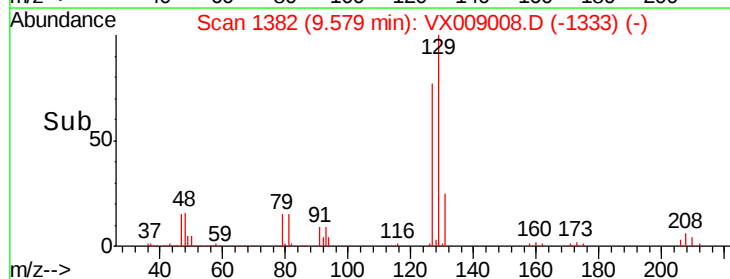
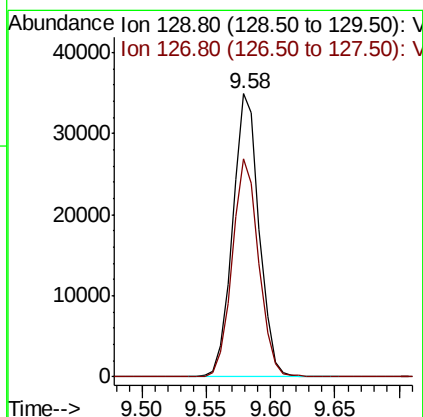
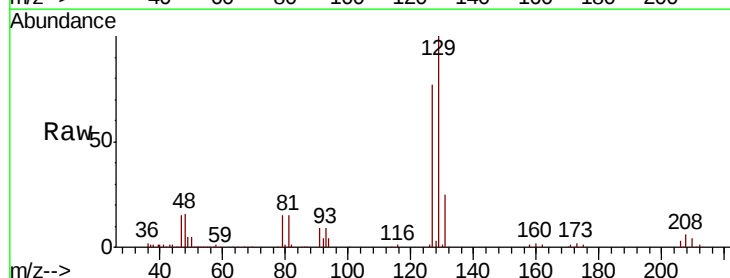
Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

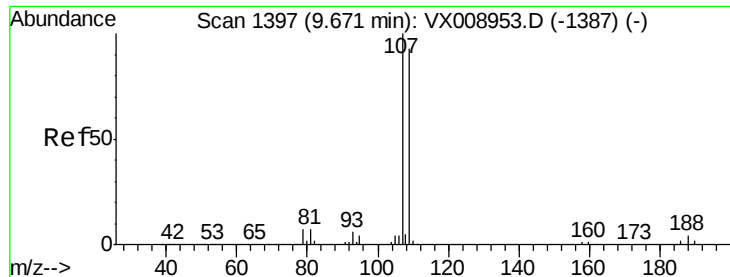
Tot Ion: 43 Resp: 398562
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 20.416 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:129 Resp: 50020
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.058 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

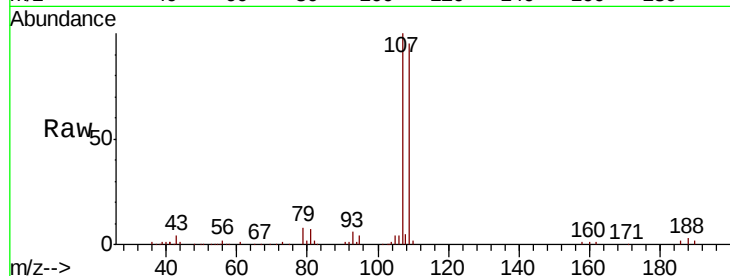
VX0417WBS01

Tot Ion:107 Resp: 52921

Ion Ratio Lower Upper

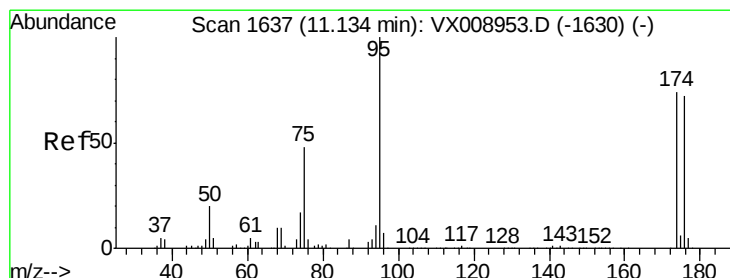
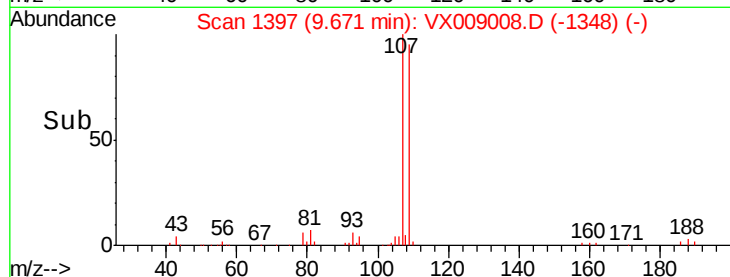
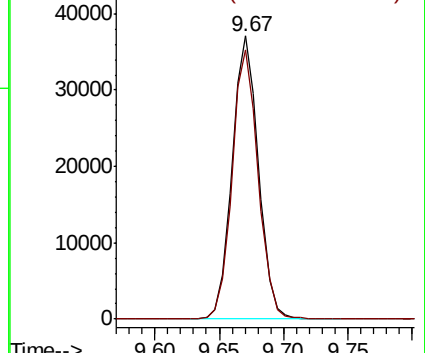
107 100

109 94.6 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

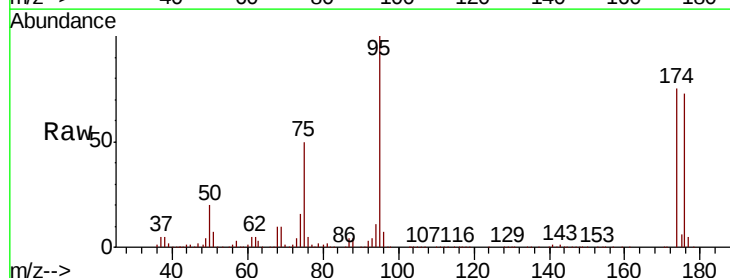
Tgt Ion: 95 Resp: 171645

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.6

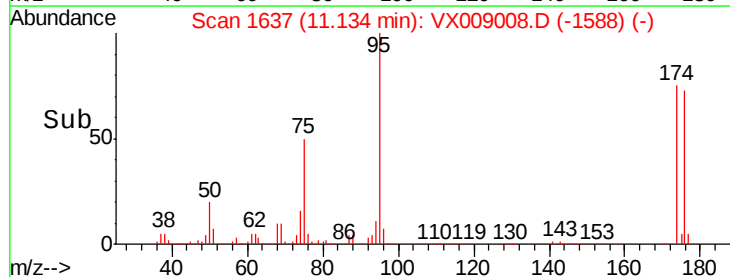
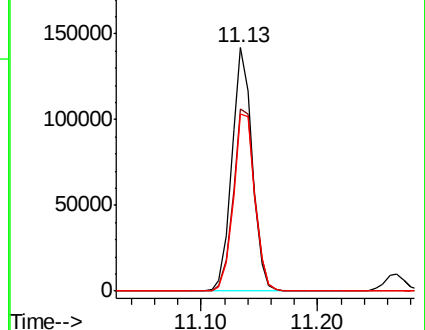
176 77.0 0.0 154.8

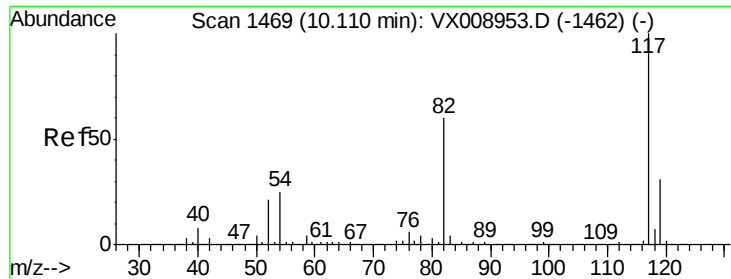


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

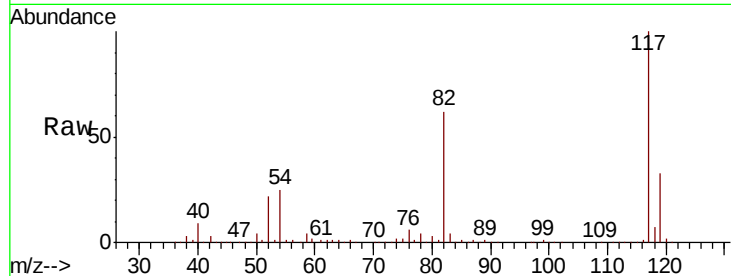




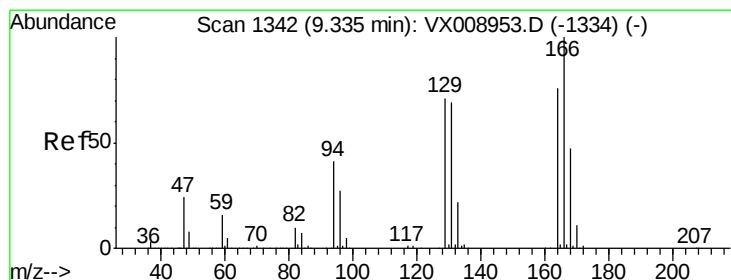
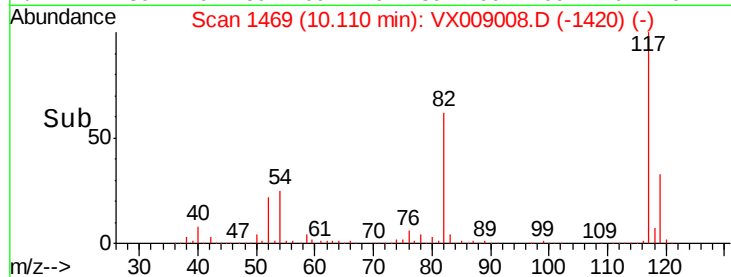
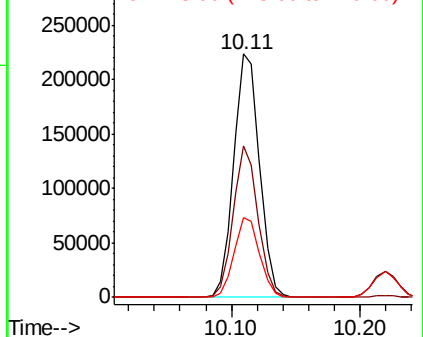
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion:117 Resp: 312487
Ion Ratio Lower Upper
117 100
82 62.0 48.2 72.4
119 32.8 25.0 37.6

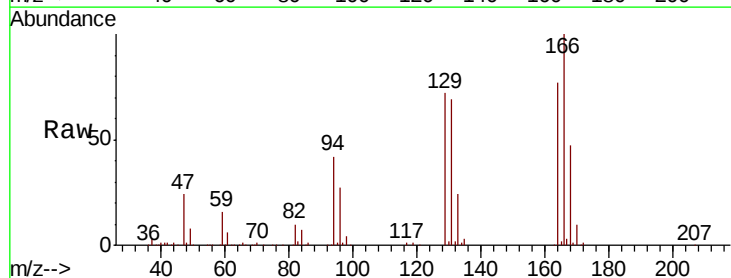


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

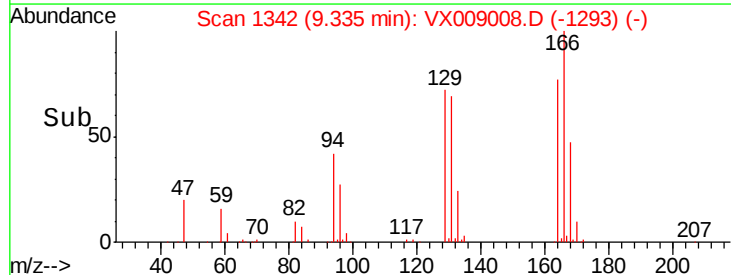
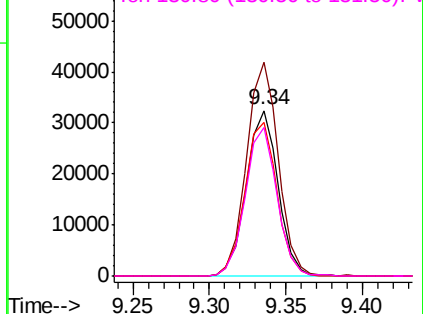


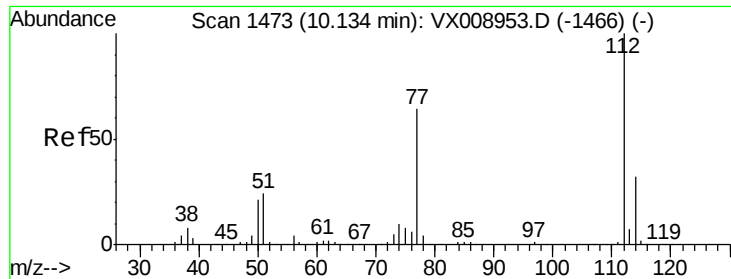
#64
Tetrachloroethene
Concen: 19.684 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:164 Resp: 46729
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.4
129 92.6 74.2 111.4
131 89.5 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

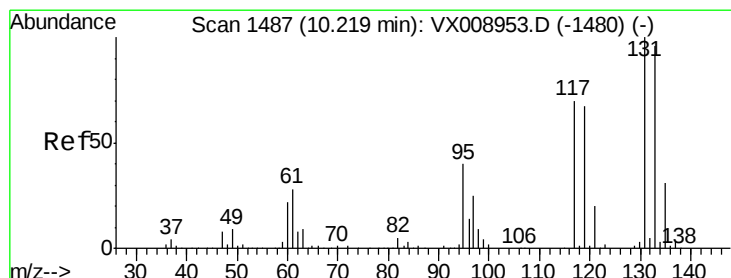
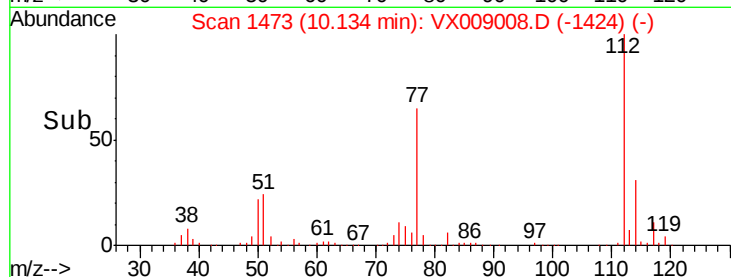
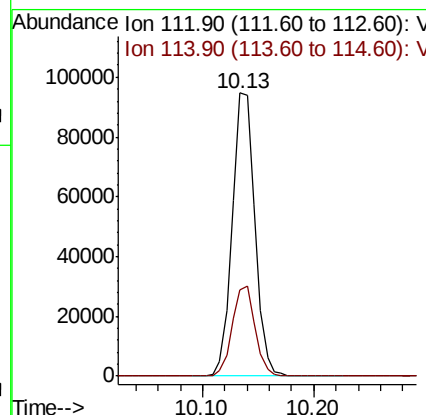
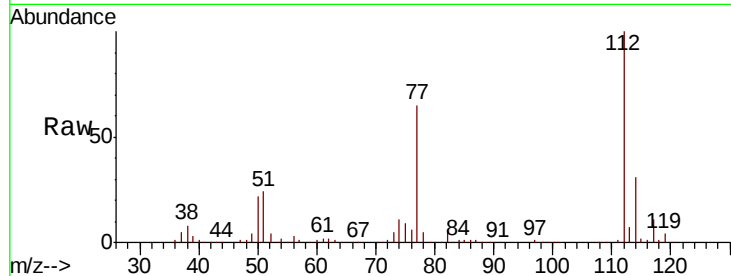




#65
Chlorobenzene
Concen: 20.208 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

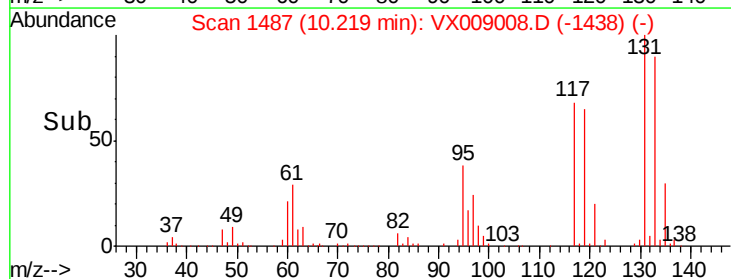
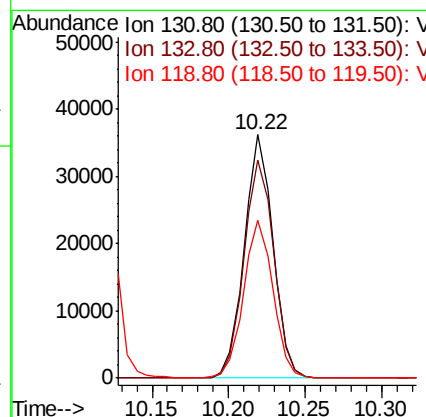
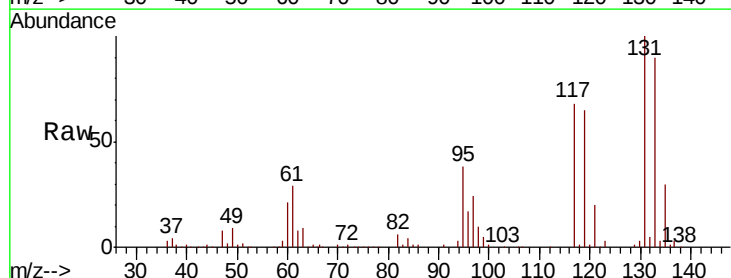
Instrument :
MSVOA_X
ClientSampled :
VX0417WBS01

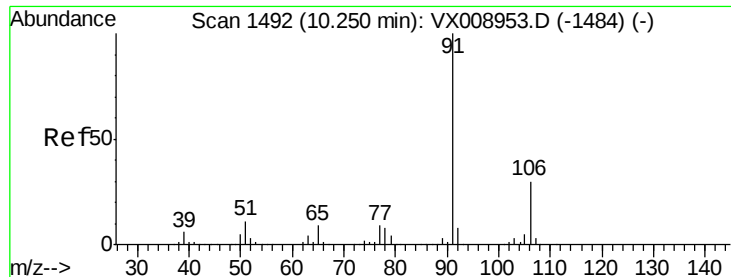
Tot Ion:112 Resp: 133285
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.329 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:131 Resp: 47237
Ion Ratio Lower Upper
131 100
133 93.4 48.0 144.2
119 66.5 33.7 101.1

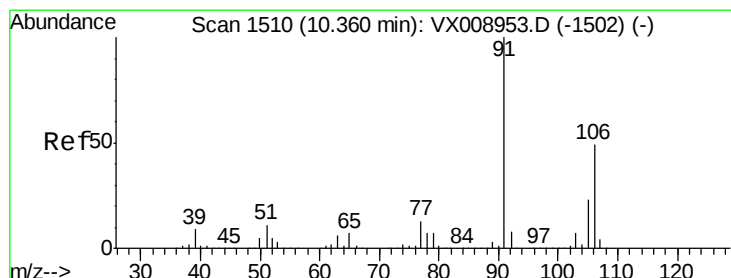
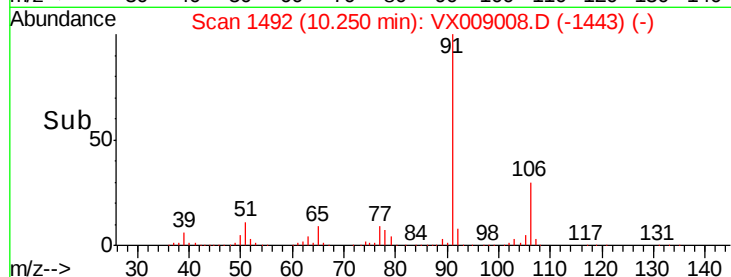
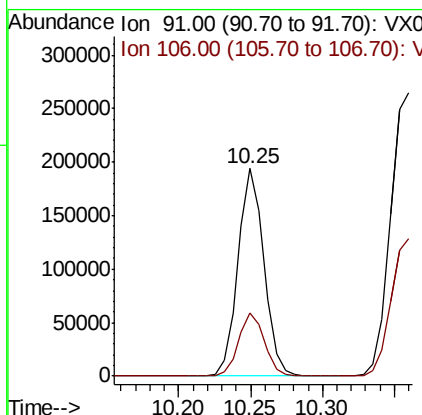
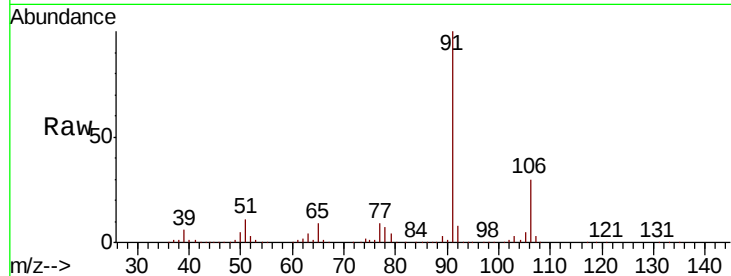




#67
Ethyl Benzene
Concen: 20.216 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

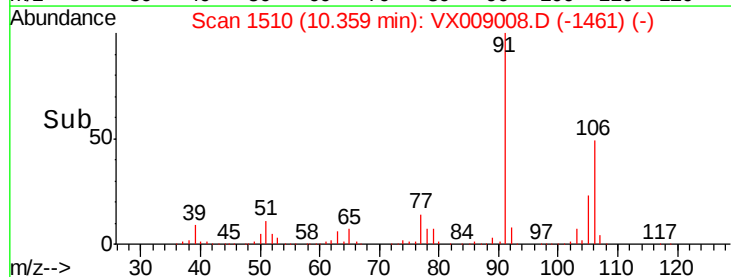
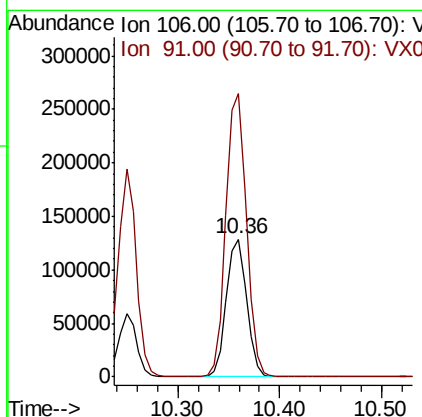
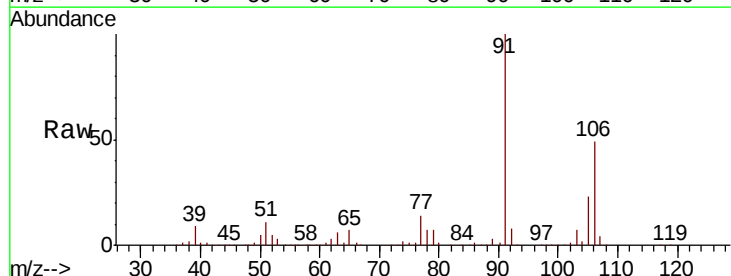
Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

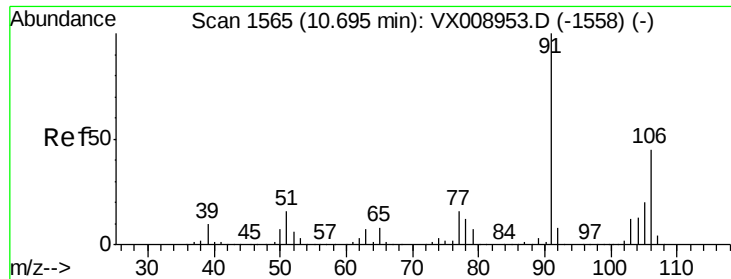
Tot Ion: 91 Resp: 243755
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 40.683 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 106 Resp: 178271
Ion Ratio Lower Upper
106 100
91 207.2 165.4 248.2

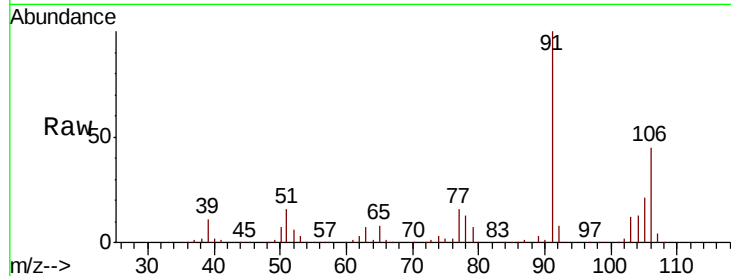




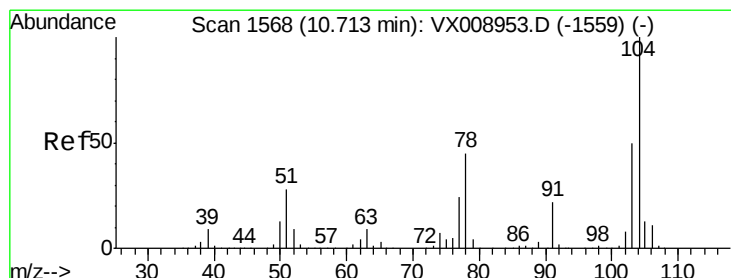
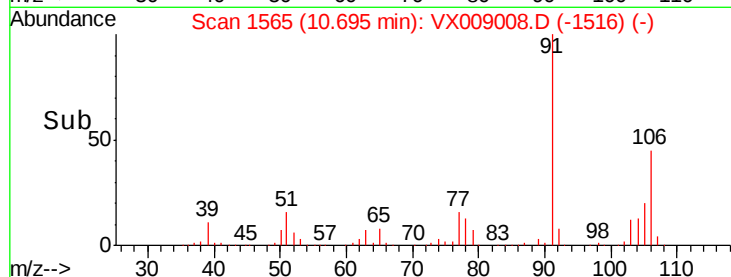
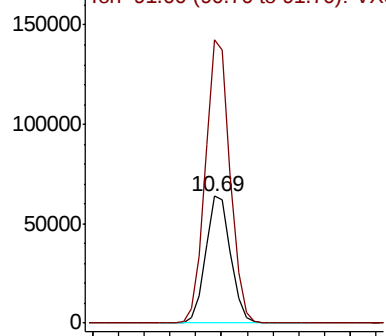
#69
o-Xylene
Concen: 20.172 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion:106 Resp: 86009
Ion Ratio Lower Upper
106 100
91 221.4 108.9 326.7

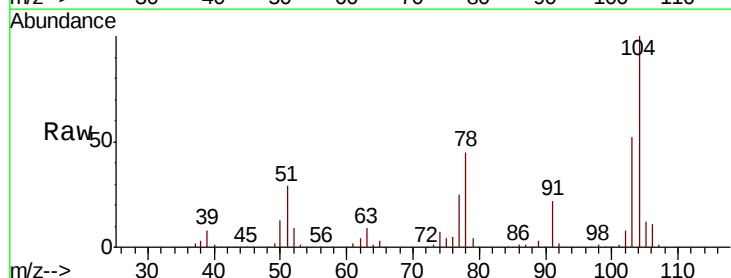


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

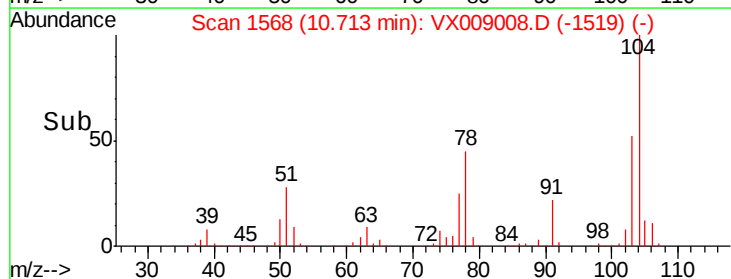
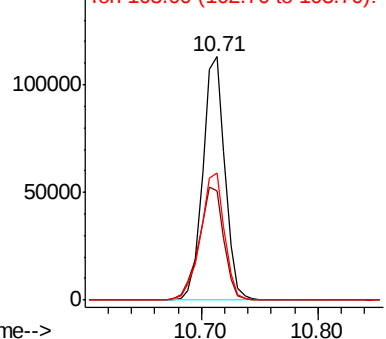


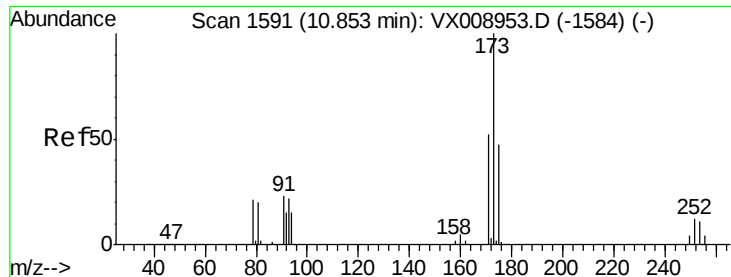
#70
Styrene
Concen: 20.225 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:104 Resp: 149437
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 56.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.345 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

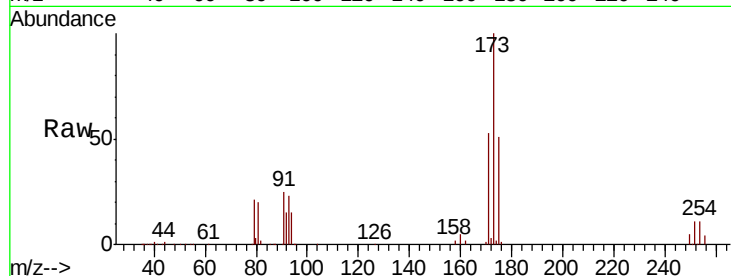
Tot Ion:173 Resp: 35810

Ion Ratio Lower Upper

173 100

175 49.9 23.9 71.8

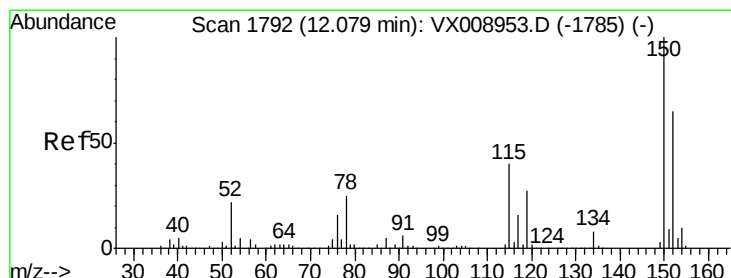
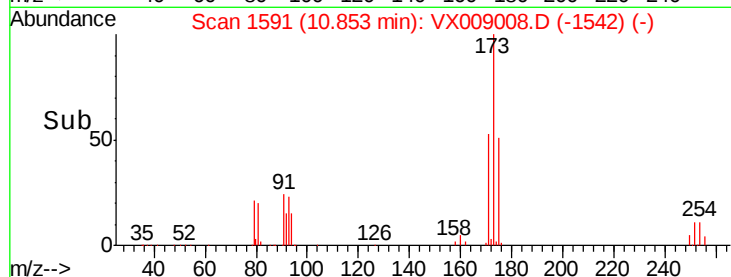
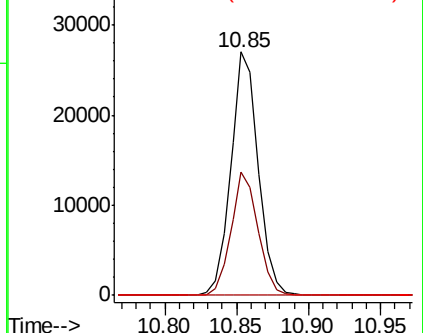
254 0.0 0.2 0.4#



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: VX009008.D

Acq: 17 Apr 2019 12:41

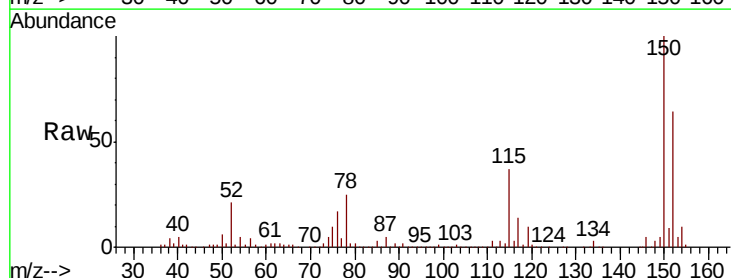
Tgt Ion:152 Resp: 145771

Ion Ratio Lower Upper

152 100

115 68.8 41.4 124.2

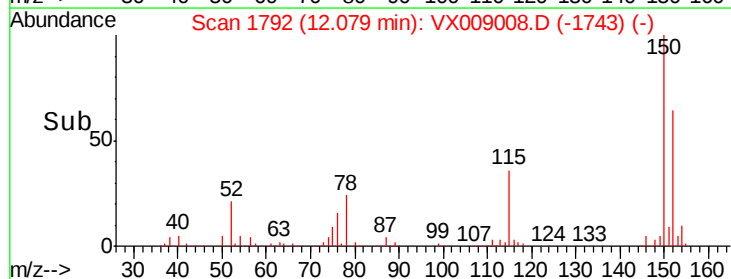
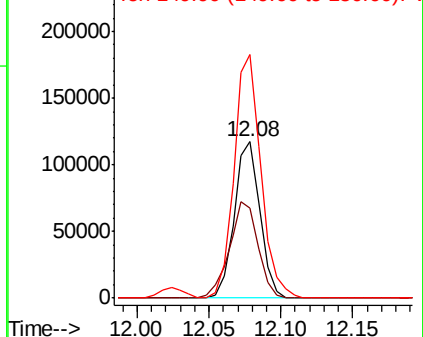
150 162.4 0.0 349.8

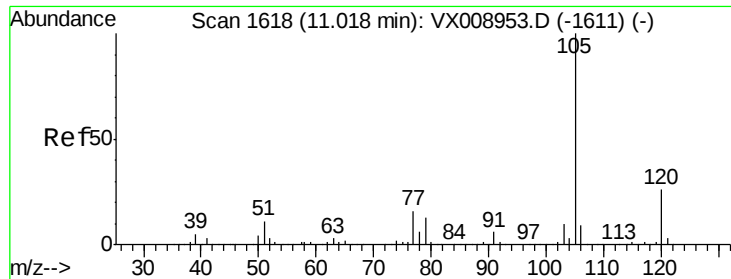


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.904 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

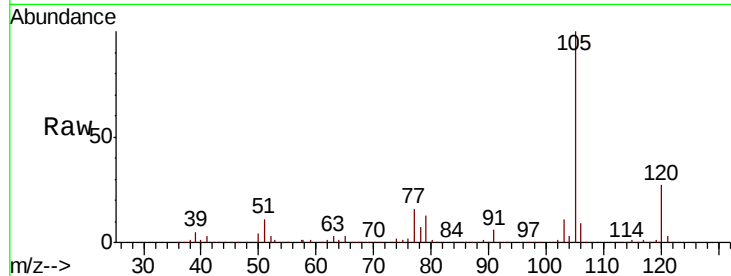
VX0417WBS01

Tot Ion:105 Resp: 230973

Ion Ratio Lower Upper

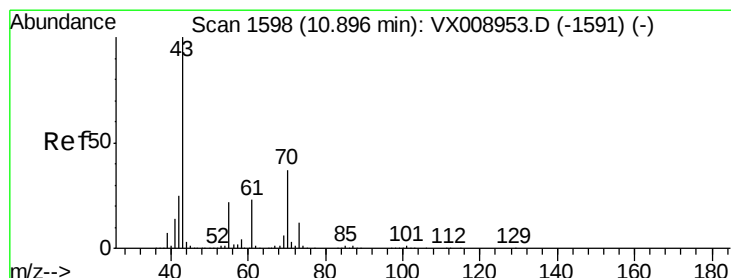
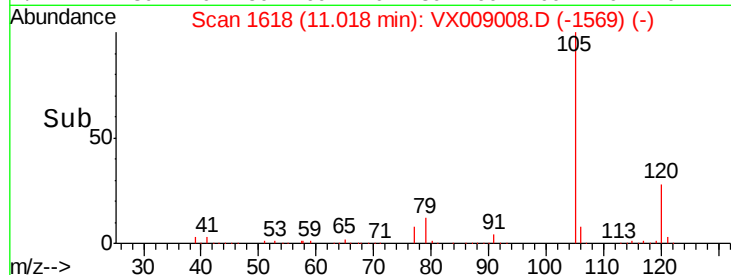
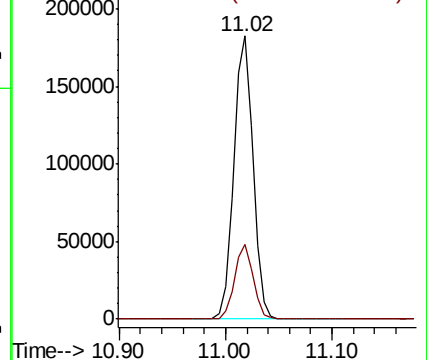
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.471 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion: 43 Resp: 136219

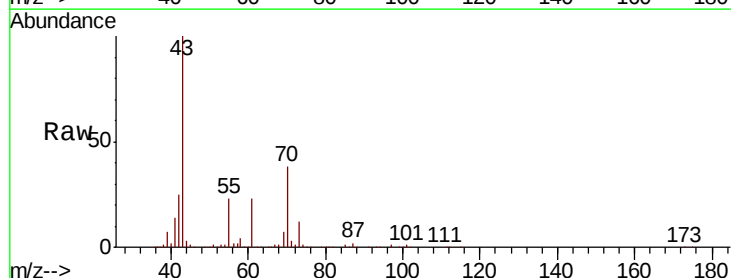
Ion Ratio Lower Upper

43 100

70 37.3 29.9 44.9

55 23.2 17.8 26.8

61 22.4 18.3 27.5

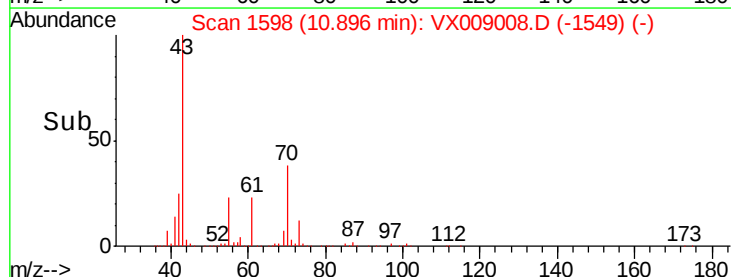
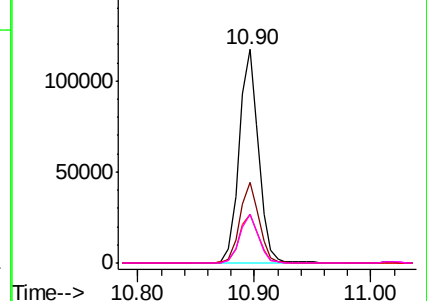


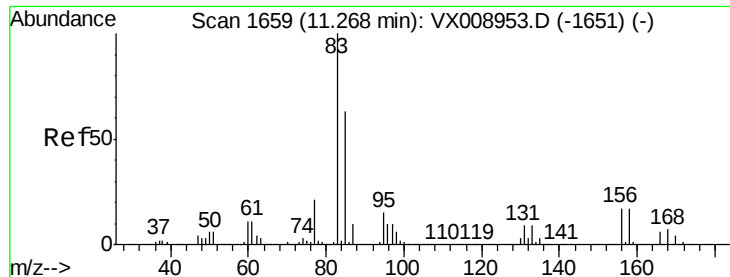
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.281 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

VX0417WBS01

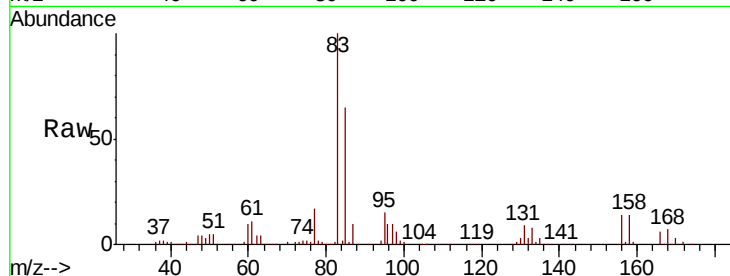
Tot Ion: 83 Resp: 85916

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

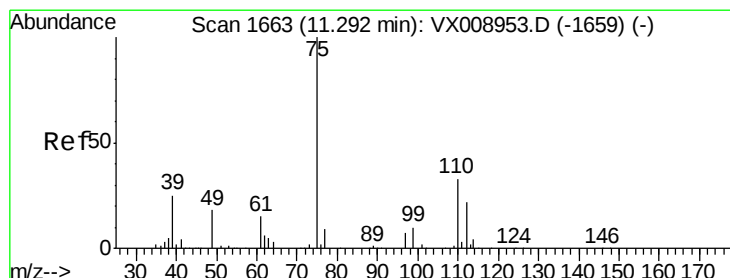
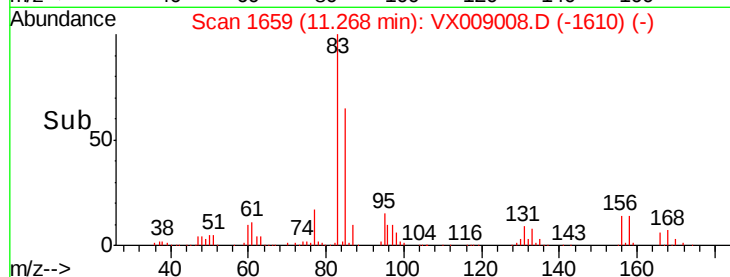
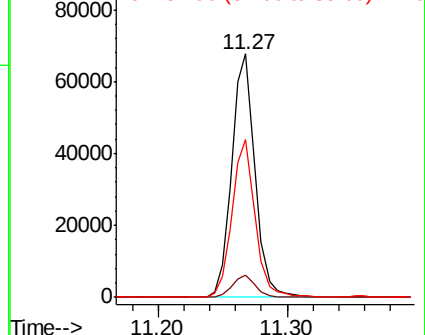
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.763 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009008.D

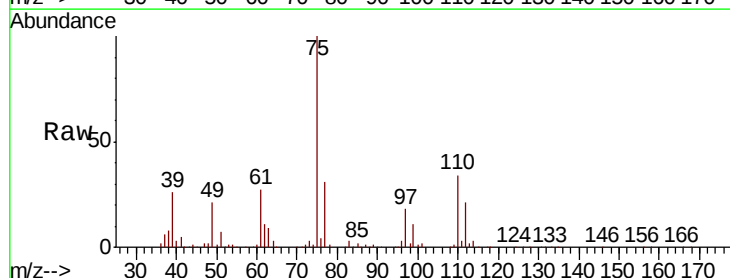
Acq: 17 Apr 2019 12:41

Tgt Ion: 75 Resp: 98819

Ion Ratio Lower Upper

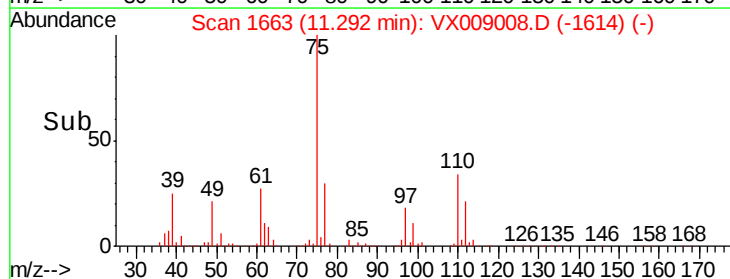
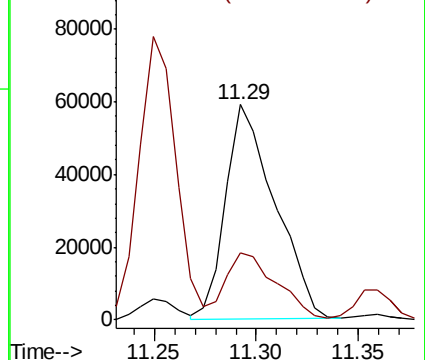
75 100

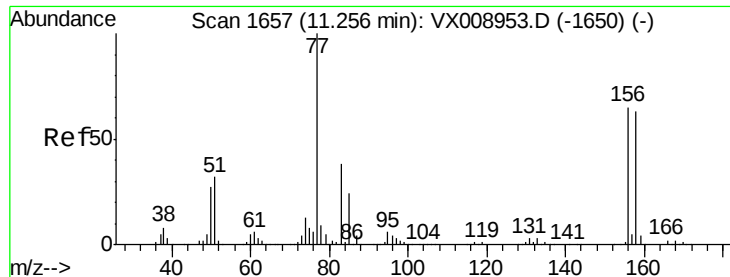
77 32.7 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.314 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

VX0417WBS01

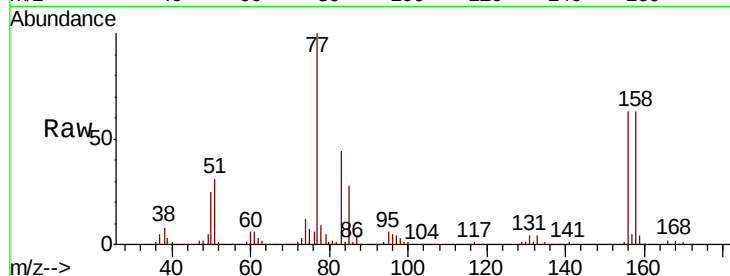
Tot Ion:156 Resp: 56633

Ion Ratio Lower Upper

156 100

77 173.8 85.4 256.1

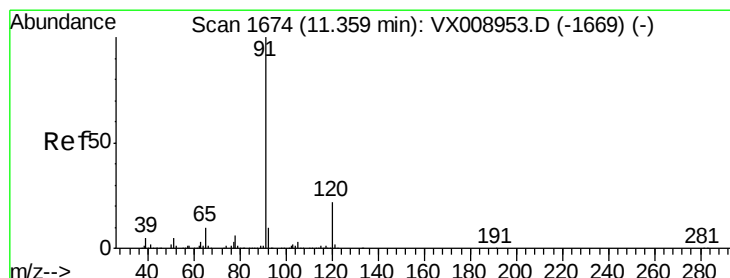
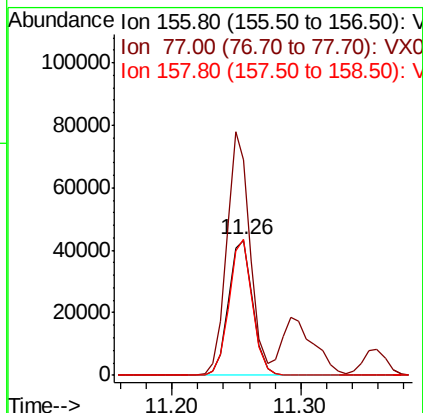
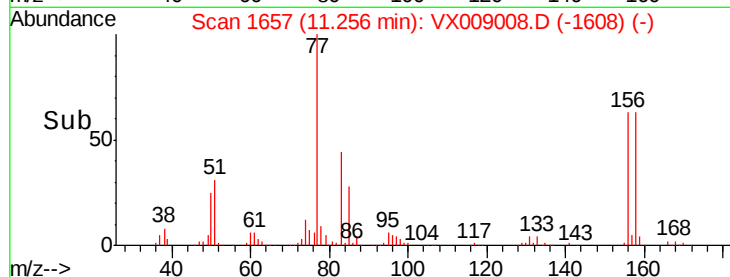
158 97.3 48.8 146.4



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: 20.845 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009008.D

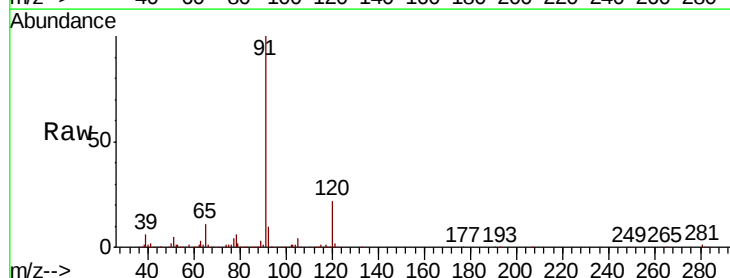
Acq: 17 Apr 2019 12:41

Tgt Ion: 91 Resp: 264356

Ion Ratio Lower Upper

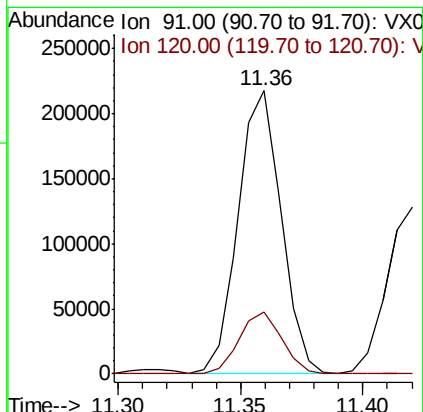
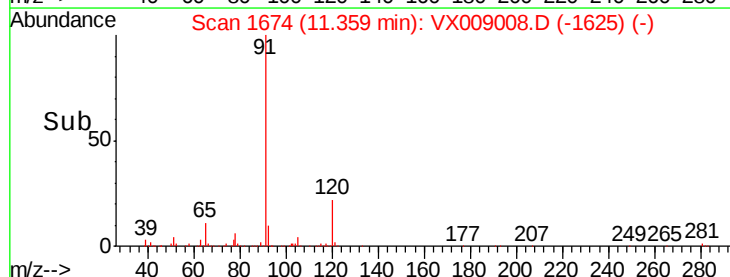
91 100

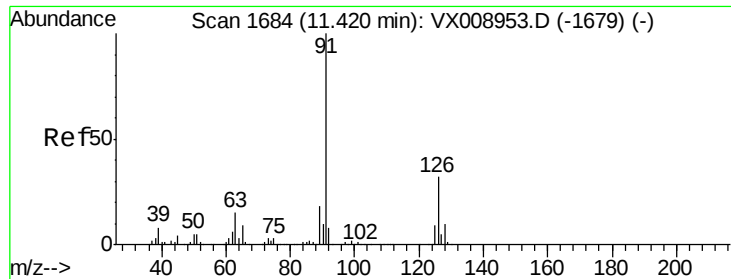
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.763 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

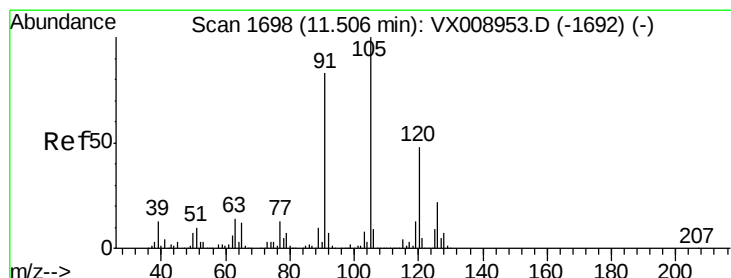
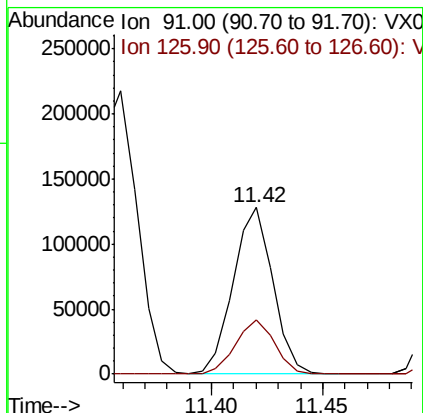
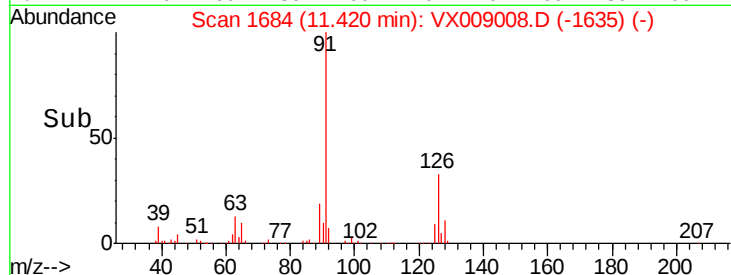
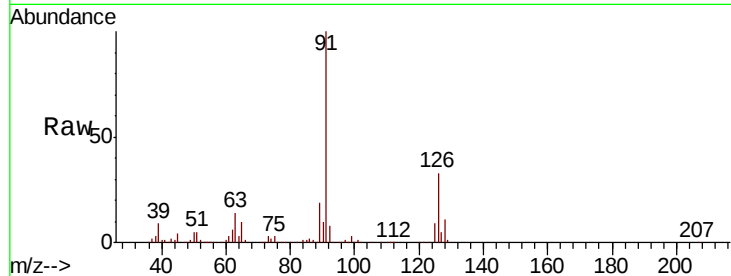
VX0417WBS01

Tot Ion: 91 Resp: 158677

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 20.897 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009008.D

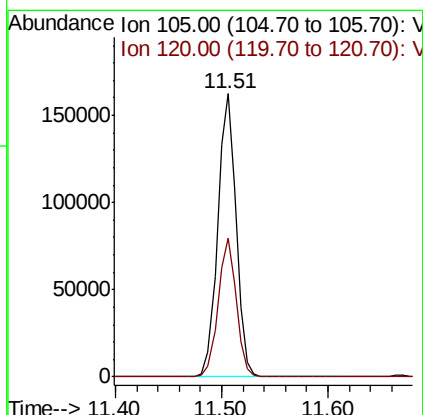
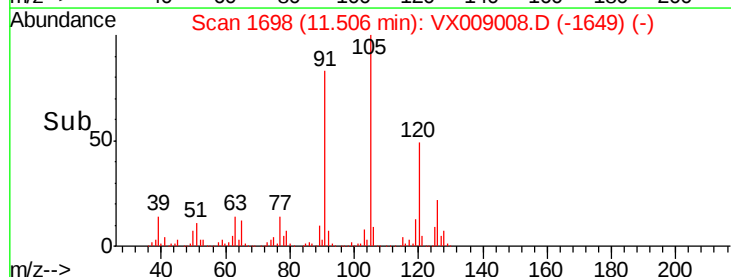
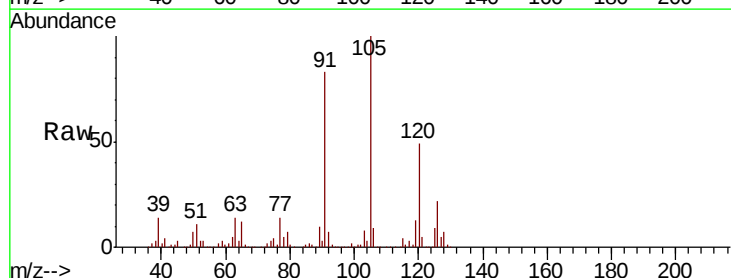
Acq: 17 Apr 2019 12:41

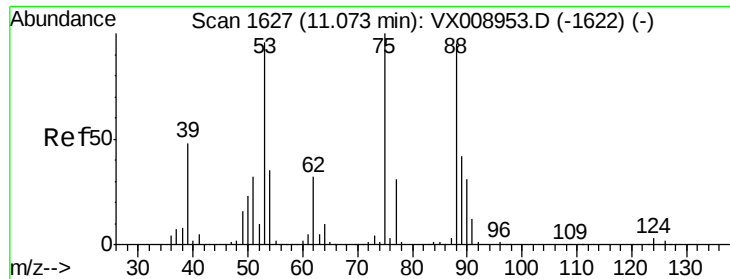
Tgt Ion:105 Resp: 193755

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.569 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

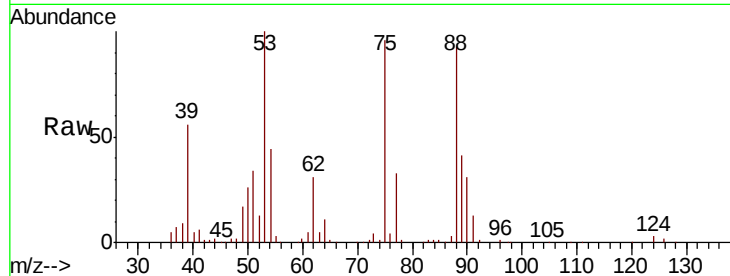
Tot Ion: 75 Resp: 27132

Ion Ratio Lower Upper

75 100

53 106.0 78.2 117.4

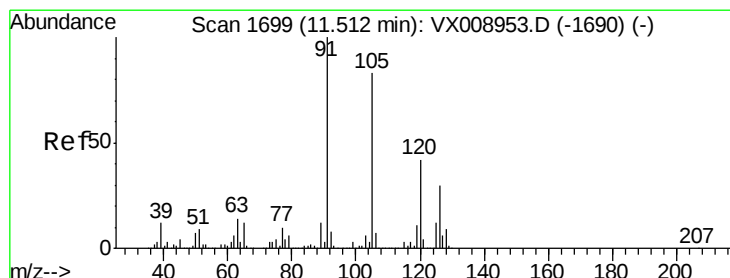
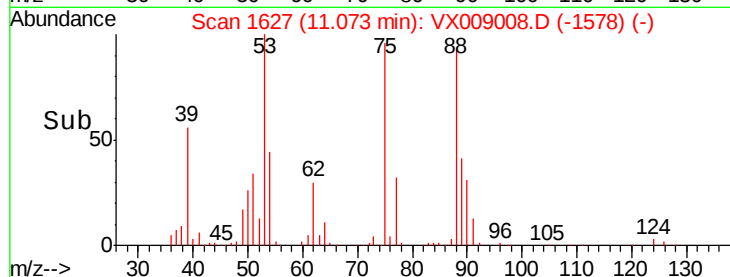
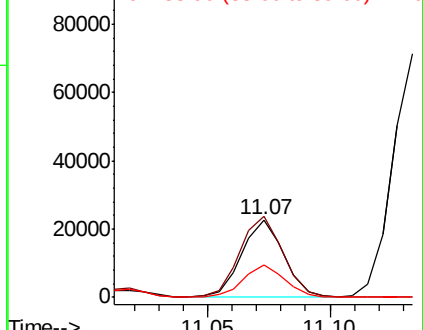
89 41.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.384 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009008.D

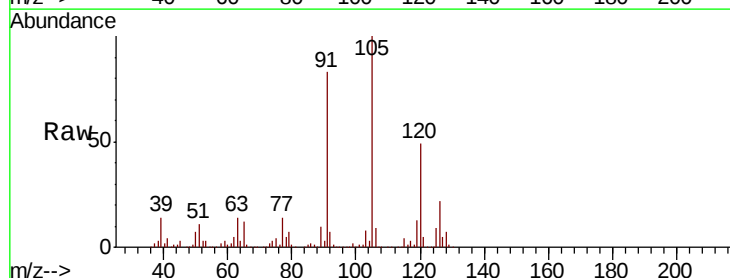
Acq: 17 Apr 2019 12:41

Tgt Ion: 91 Resp: 180919

Ion Ratio Lower Upper

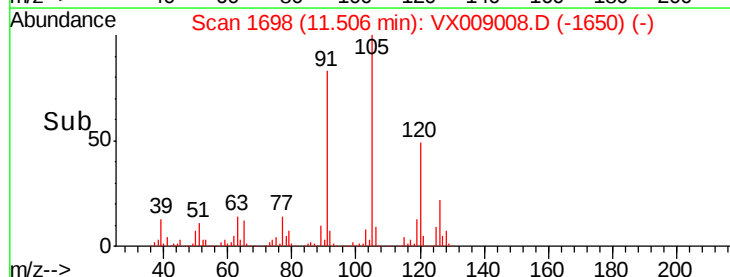
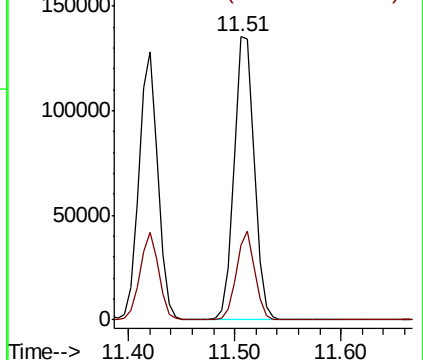
91 100

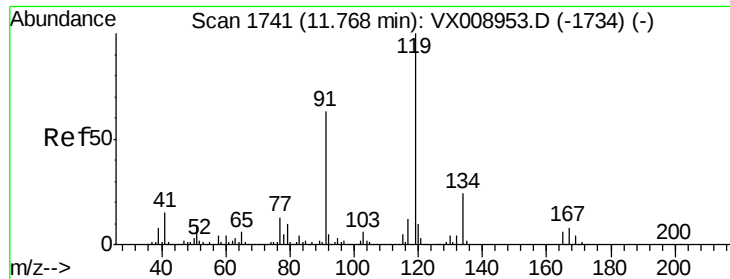
126 28.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

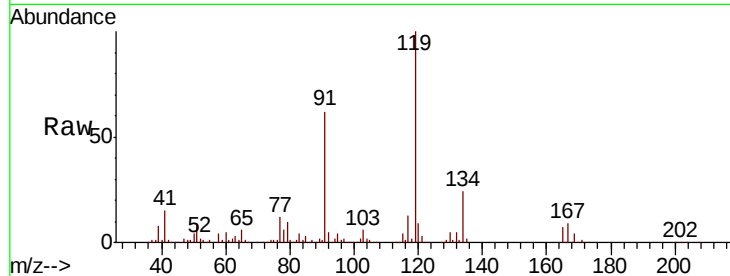




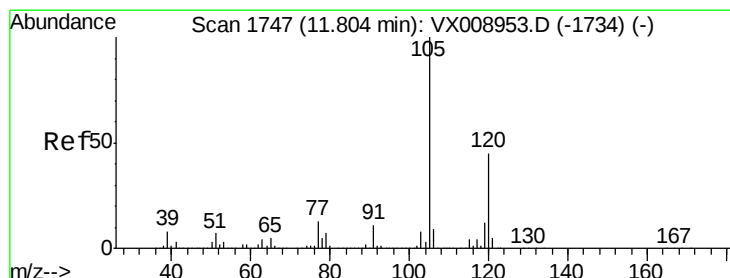
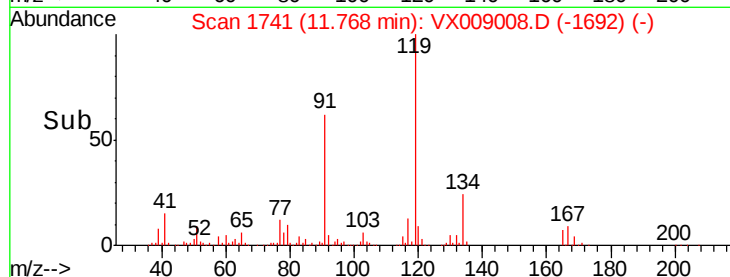
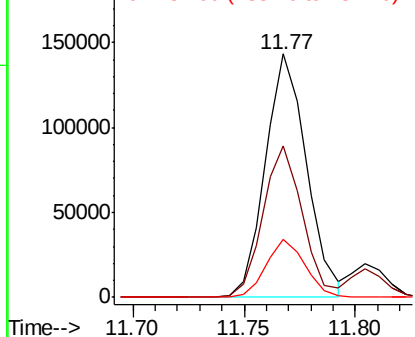
#83
 tert-Butylbenzene
 Concen: 20.694 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion:119 Resp: 184214
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.7 89.1
 134 22.7 11.2 33.5

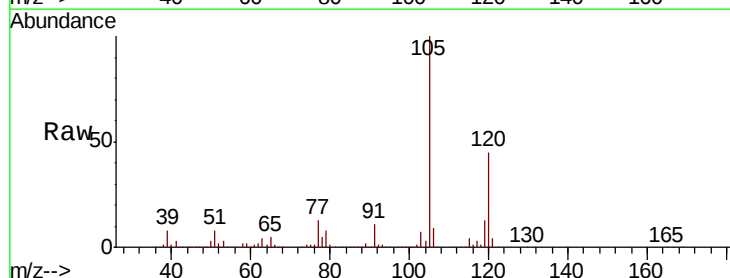


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

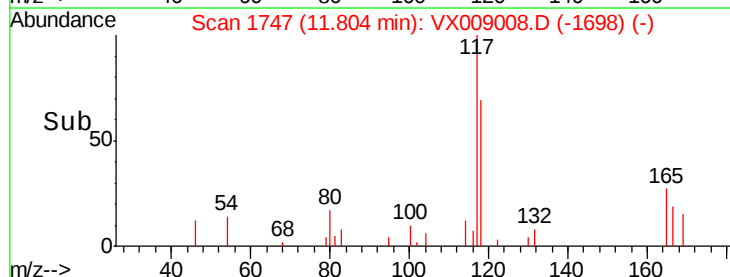
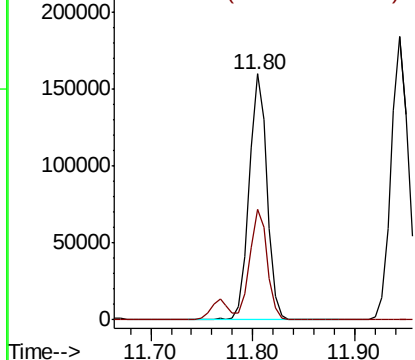


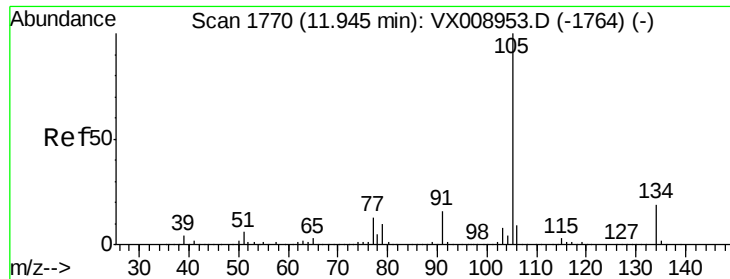
#84
 1,2,4-Trimethylbenzene
 Concen: 20.761 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion:105 Resp: 195944
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.728 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

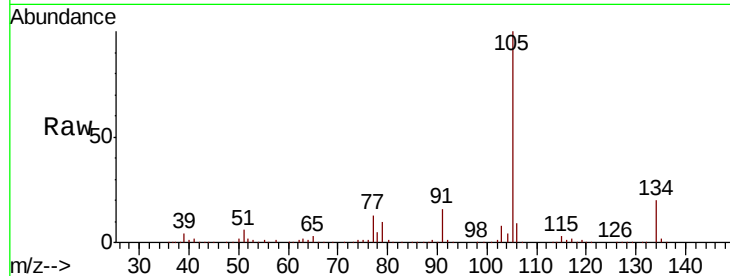
VX0417WBS01

Tot Ion:105 Resp: 220077

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

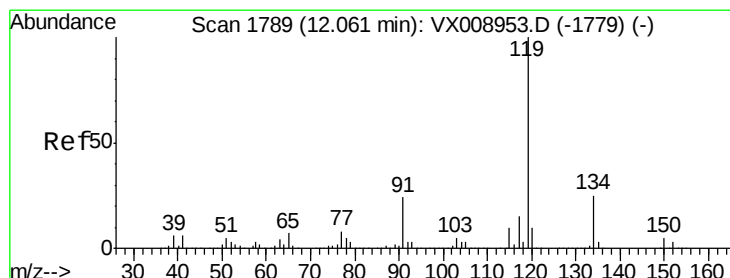
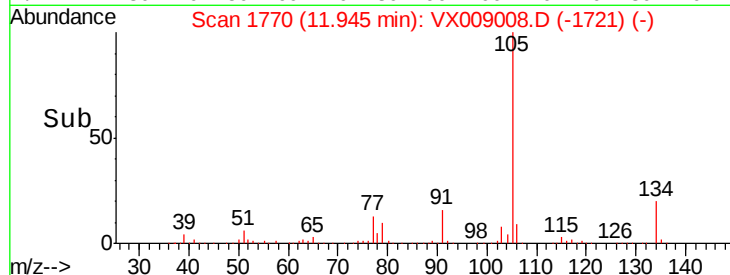
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.476 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

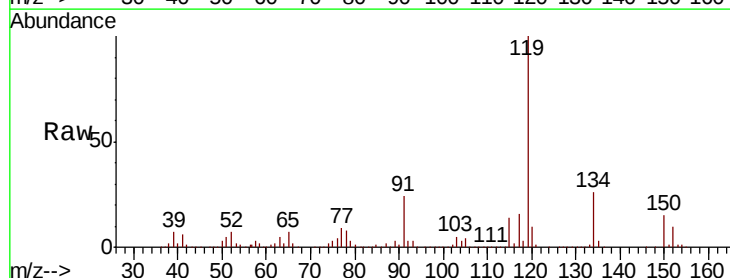
Tgt Ion:119 Resp: 199872

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

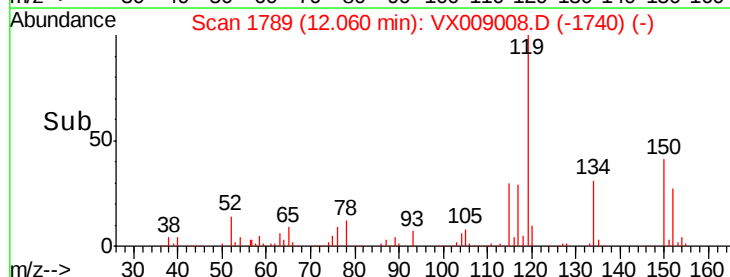
150000

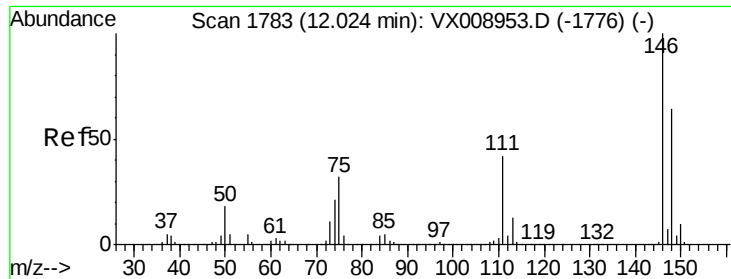
100000

50000

0

Time-->

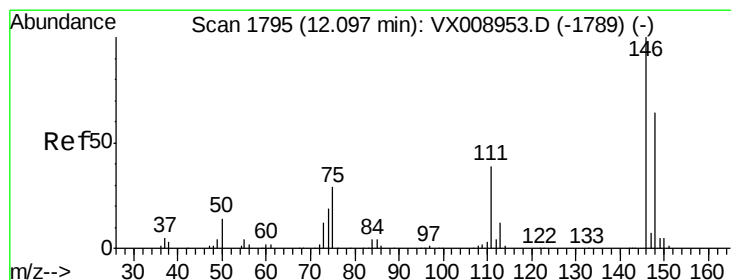
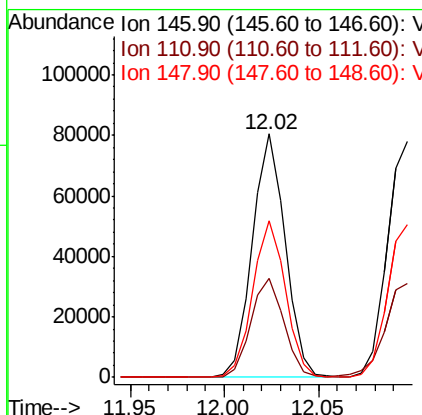
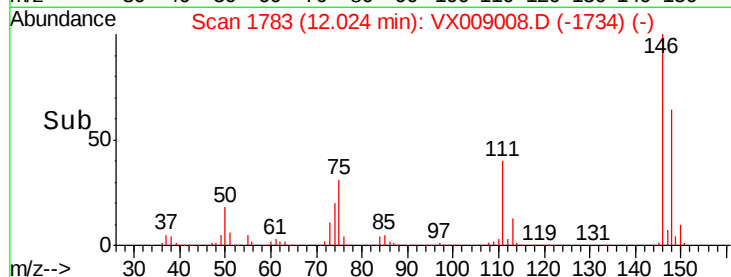
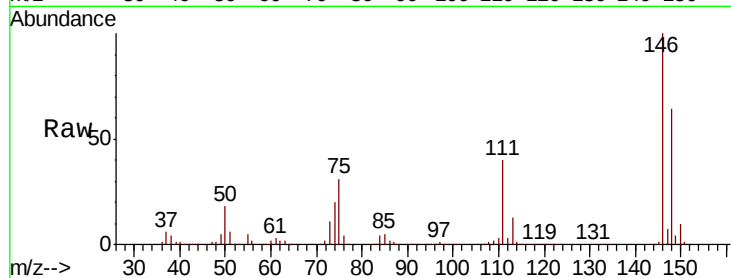




#87
 1,3-Dichlorobenzene
 Concen: 19.983 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

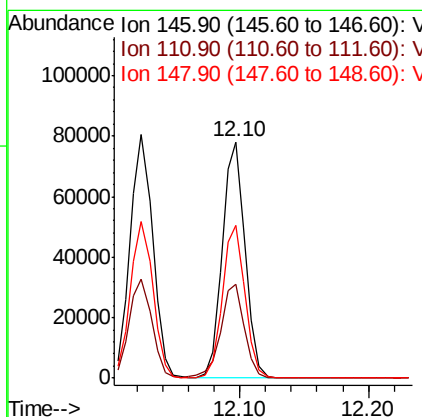
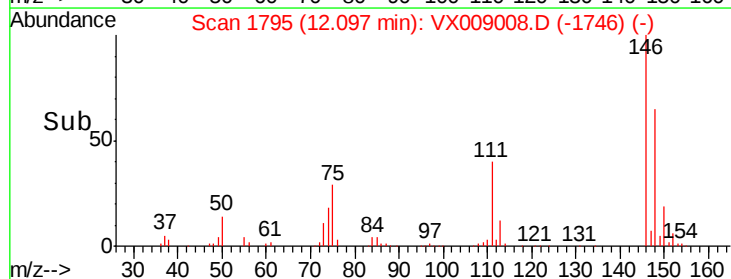
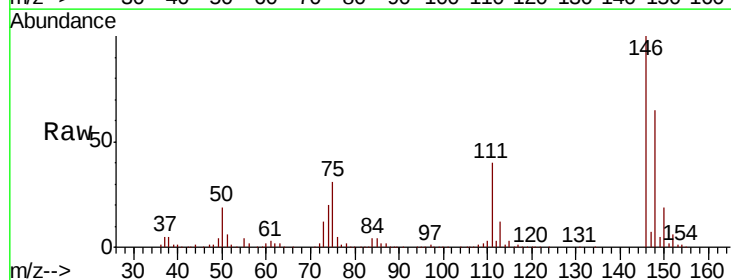
Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBS01

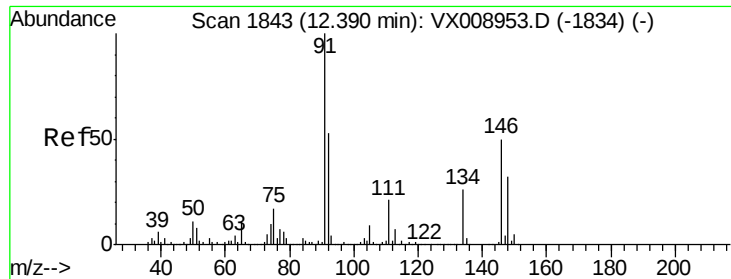
Tot Ion:146 Resp: 97503
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.684 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion:146 Resp: 97360
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 59.9
 148 64.5 32.2 96.6

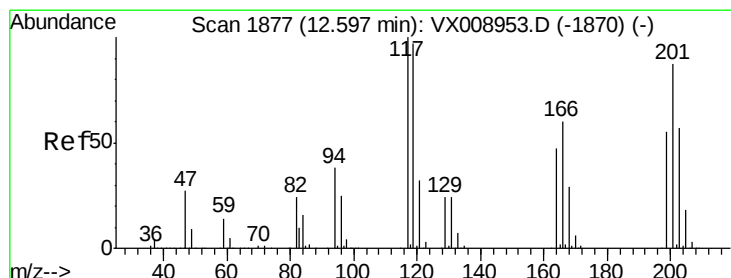
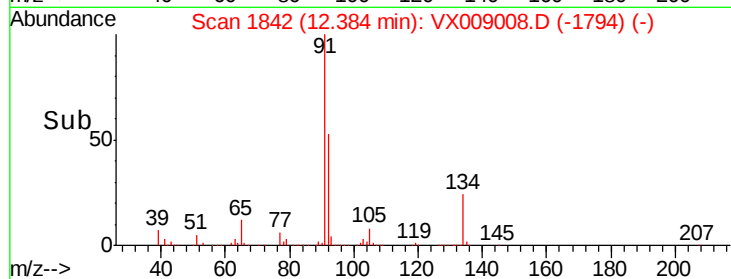
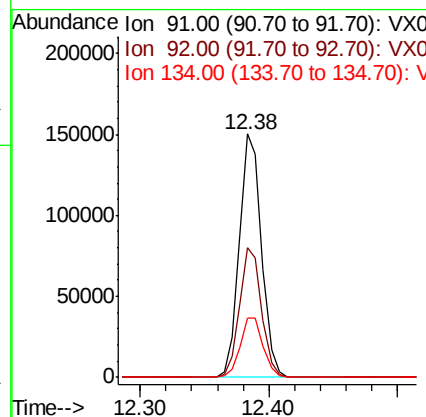
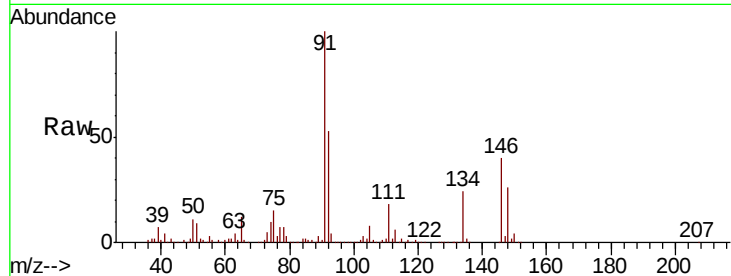




#89
n-Butylbenzene
Concen: 19.857 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

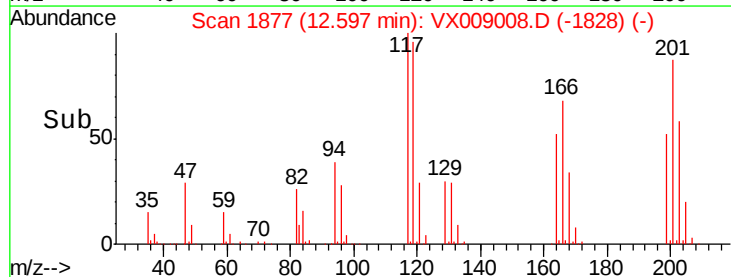
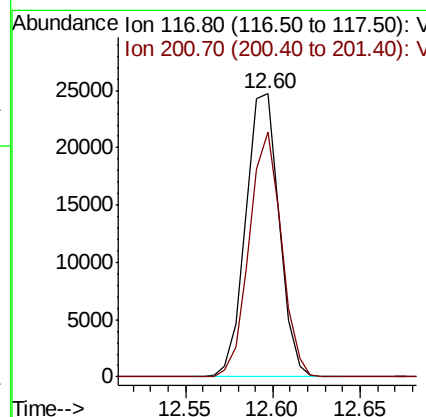
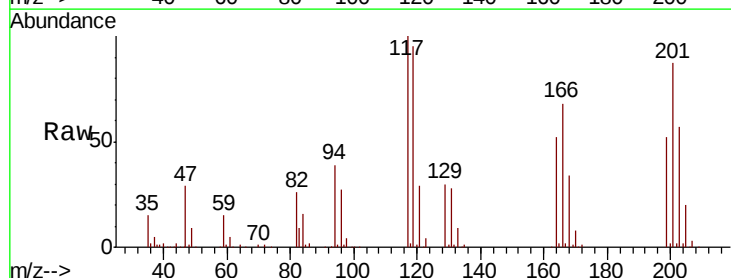
Instrument :
MSVOA_X
ClientSampled :
VX0417WBS01

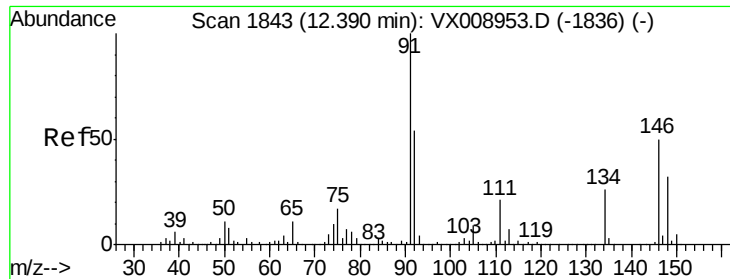
Tot Ion: 91 Resp: 180511
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 20.450 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 117 Resp: 32928
Ion Ratio Lower Upper
117 100
201 83.2 43.0 129.0

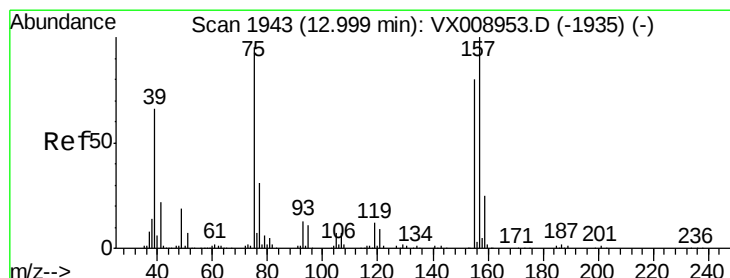
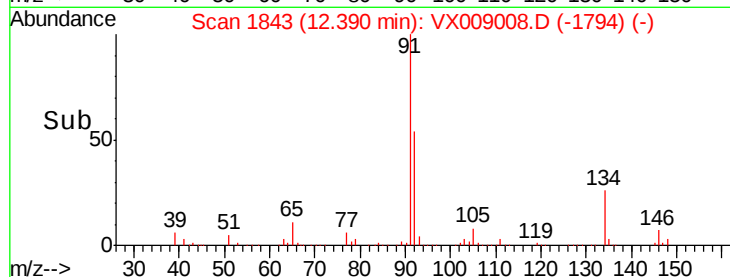
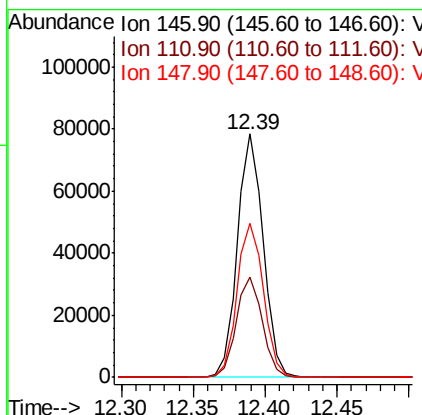
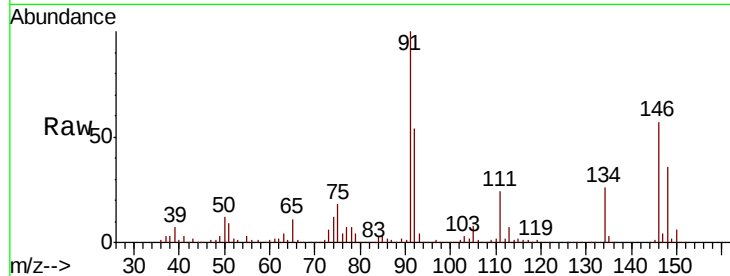




#91
 1,2-Dichlorobenzene
 Concen: 20.331 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

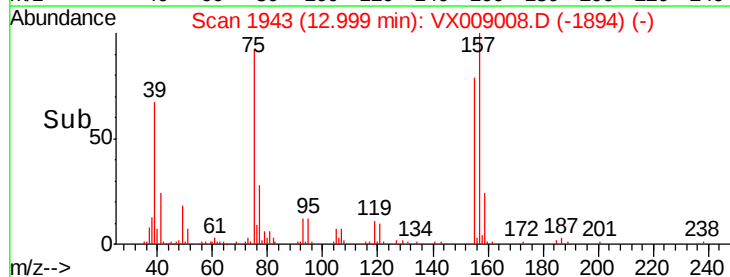
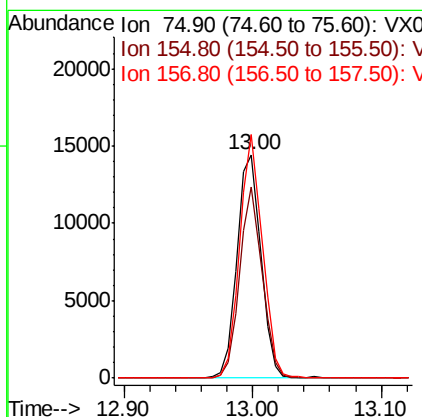
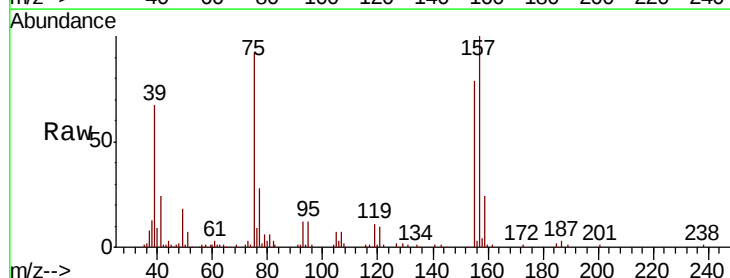
Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBS01

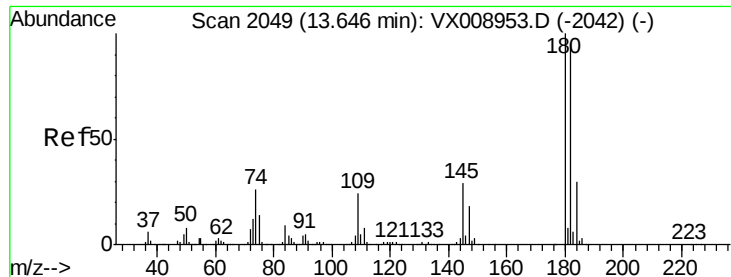
Tot Ion:146 Resp: 97957
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.384 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 75 Resp: 18737
 Ion Ratio Lower Upper
 75 100
 155 79.8 41.2 123.6
 157 102.7 52.5 157.6

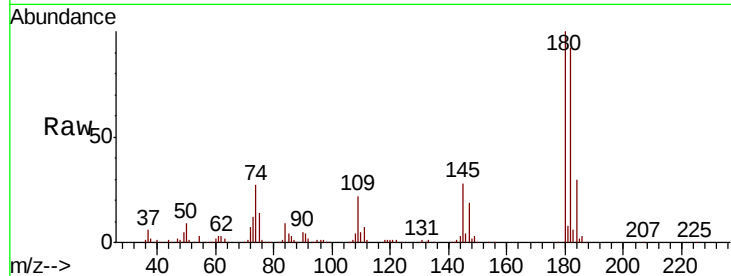




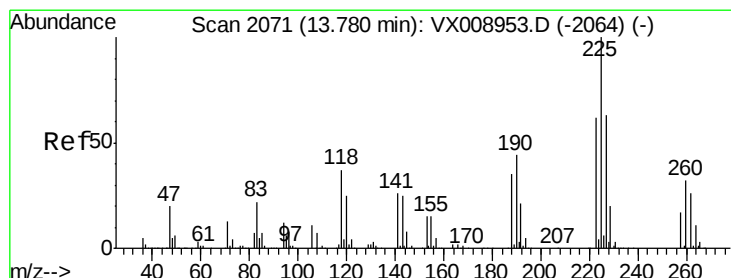
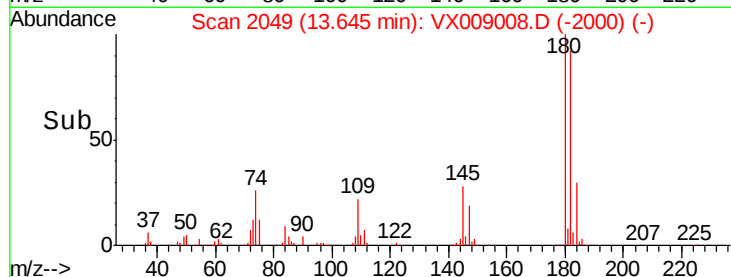
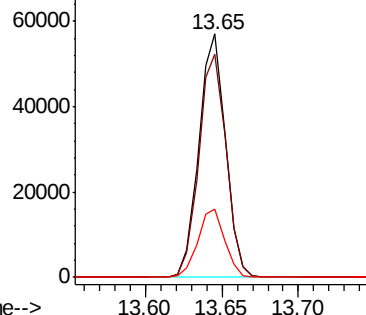
#93
 1,2,4-Trichlorobenzene
 Concen: 19.753 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion:180 Resp: 68703
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.9
 145 28.2 14.8 44.4

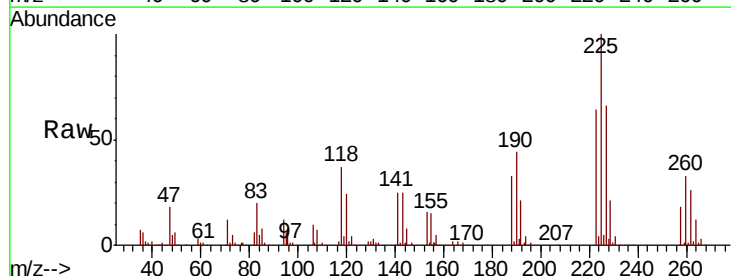


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

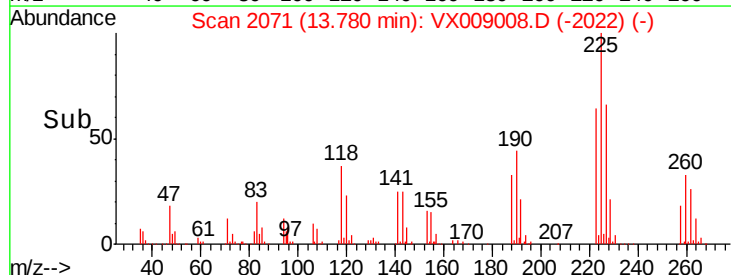
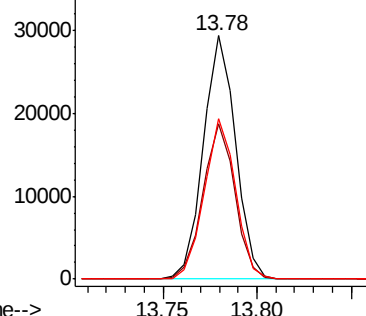


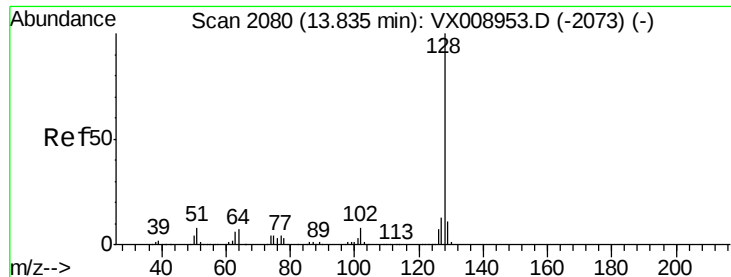
#94
 Hexachlorobutadiene
 Concen: 20.098 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion:225 Resp: 34863
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.2
 227 64.2 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.956 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

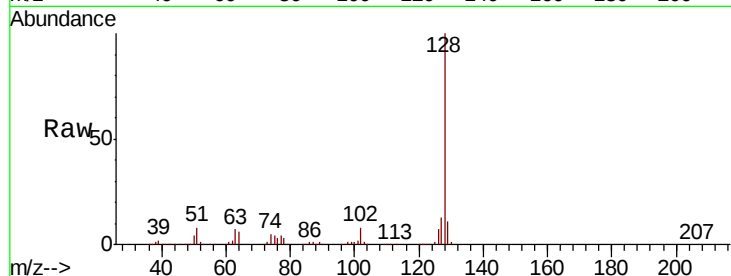
Tot Ion:128 Resp: 222368

Ion Ratio Lower Upper

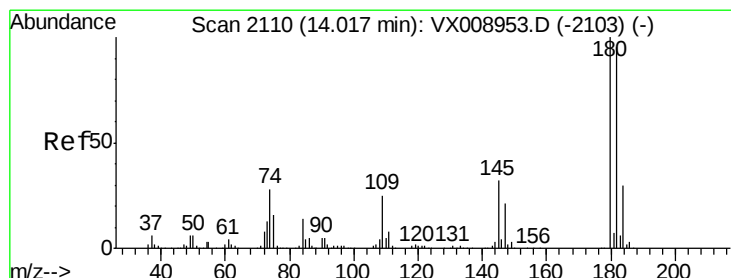
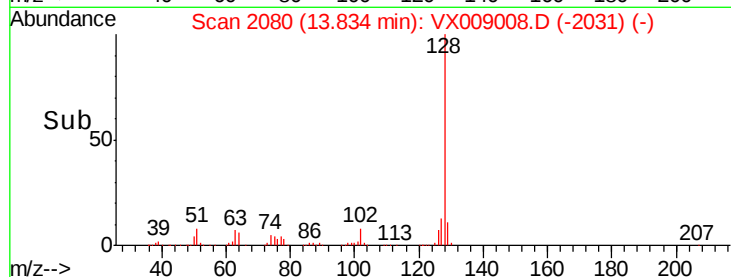
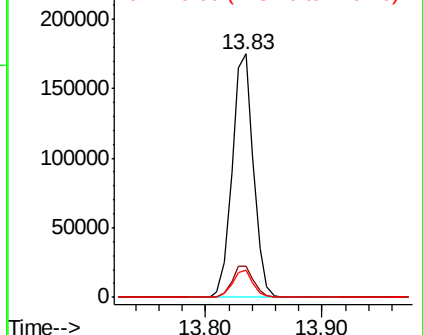
128 100

127 13.2 10.6 16.0

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.677 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

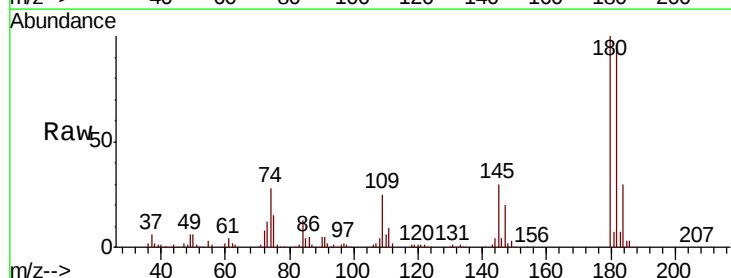
Tgt Ion:180 Resp: 67525

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

145 31.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

