

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012758.D
 Acq On : 02 Oct 2019 14:05
 Operator : JC/SP
 Sample : K5110-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 03 01:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123279	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	5.49	113	91301	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	351167	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	120297	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.44	85	2456	1.272	ug/l	90
3) Chloromethane	1.32	50	1037	0.468	ug/l	95
4) Vinyl Chloride	1.40	62	50657	22.978	ug/l	99
5) Bromomethane	1.64	94	349	0.403	ug/l #	64
6) Chloroethane	1.72	64	58081	39.081	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	699	0.371	ug/l #	18
10) Methyl Iodide	2.50	142	145	5.019	ug/l #	64
11) Tert butyl alcohol	3.03	59	8511	13.627	ug/l	100
12) 1,1-Dichloroethene	2.36	96	257532	139.507	ug/l	99
13) Acrolein	2.30	56	58	10.393	ug/l #	15
16) Acetone	2.43	43	35515	26.818	ug/l	96
18) Methyl Acetate	2.60	43	15574	4.994	ug/l #	54
19) Methyl tert-butyl Ether	3.20	73	1508	0.216	ug/l	99
20) Methylene Chloride	2.85	84	1914	0.855	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	545	0.266	ug/l #	82
24) 1,1-Dichloroethane	3.69	63	138683	36.051	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	43853	18.480	ug/l	85
29) Tetrahydrofuran	5.14	42	1059	0.915	ug/l #	73
36) 1,1-Dichloropropene	5.65	75	14337	4.932	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18210	6.167	ug/l #	17
39) Methylcyclohexane	7.46	83	1894	0.541	ug/l #	88
40) Benzene	6.14	78	7311	0.855	ug/l #	88
42) 1,2-Dichloroethane	6.19	62	22552	6.944	ug/l	96
43) Isopropyl Acetate	6.33	43	69605	12.247	ug/l #	64
44) Trichloroethene	7.22	130	2941	1.345	ug/l	96
48) Methyl methacrylate	7.73	41	3377	1.239	ug/l #	52
49) 1,4-Dioxane	7.73	88	160927	2603.551	ug/l #	92
59) 2-Hexanone	9.30	43	2820	1.050	ug/l	78
74) N-amyl acetate	10.94	43	1202	0.316	ug/l #	44
76) 1,2,3-Trichloropropane	11.14	75	63273	24.403	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.67	105	6223	0.930	ug/l	74
81) trans-1,4-Dichloro-2-buten	11.14	75	63273	69.933	ug/l #	35
83) tert-Butylbenzene	11.76	119	1393	0.216	ug/l	70
84) 1,2,4-Trimethylbenzene	11.67	105	6223	0.921	ug/l	79

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 Response via : Initial Calibration

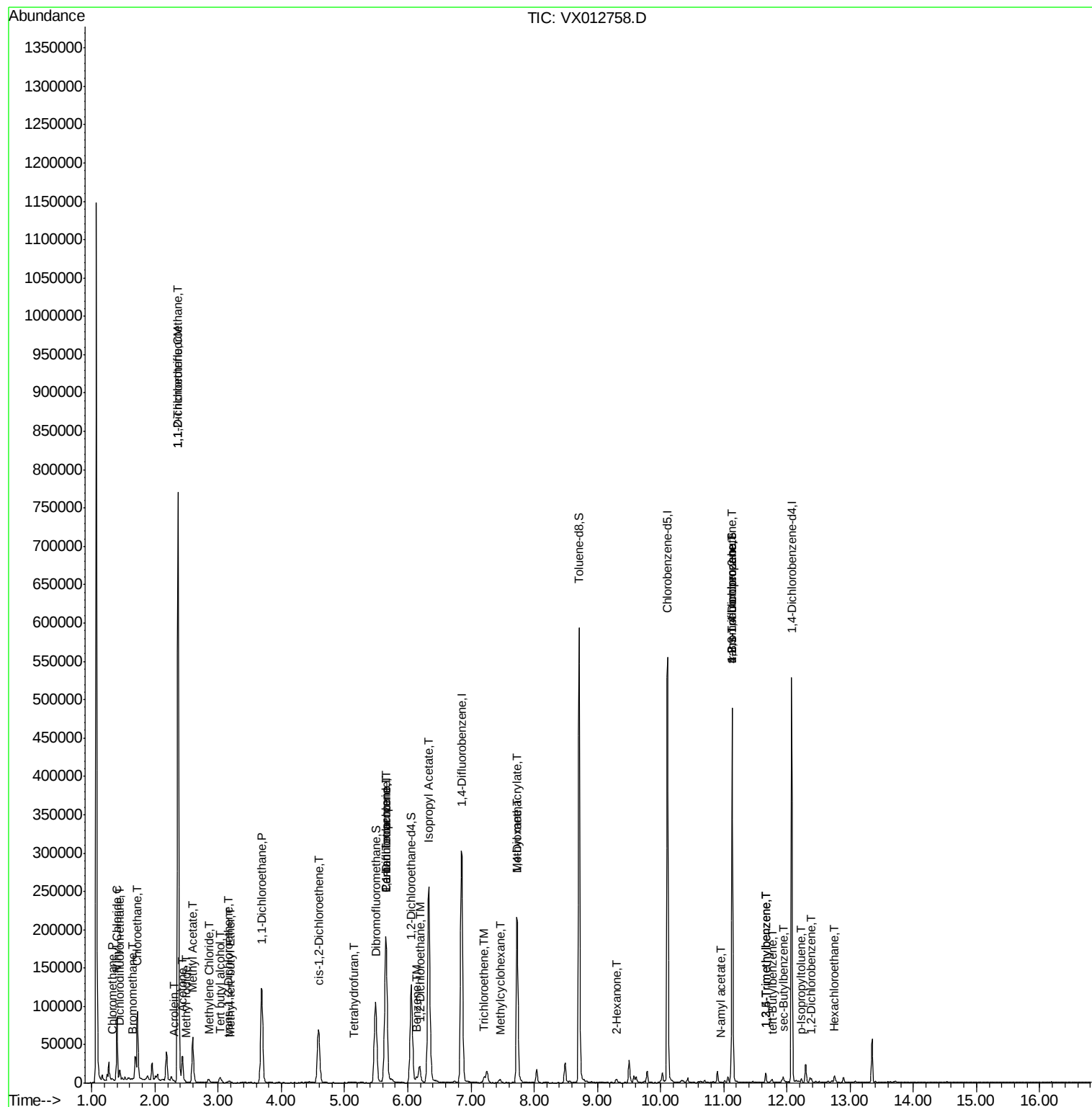
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	2795	0.372	ug/l #	69
86) p-Isopropyltoluene	12.23	119	2122	0.313	ug/l	93
90) Hexachloroethane	12.75	117	3455	2.859	ug/l #	17
91) 1,2-Dichlorobenzene	12.39	146	1148	0.353	ug/l	93

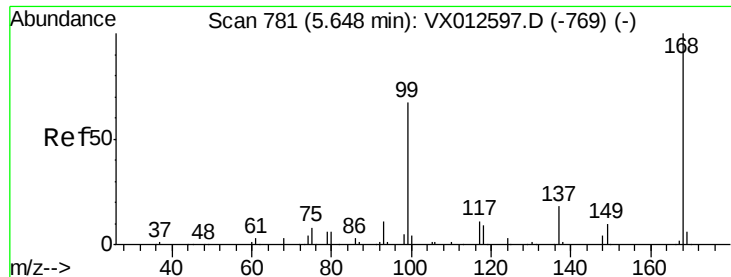
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100219\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

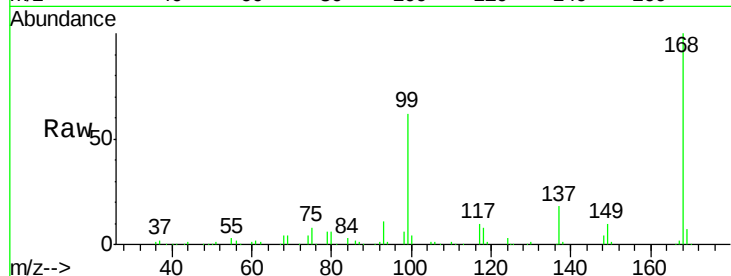
MW-1

Tot Ion:168 Resp: 171695

Ion Ratio Lower Upper

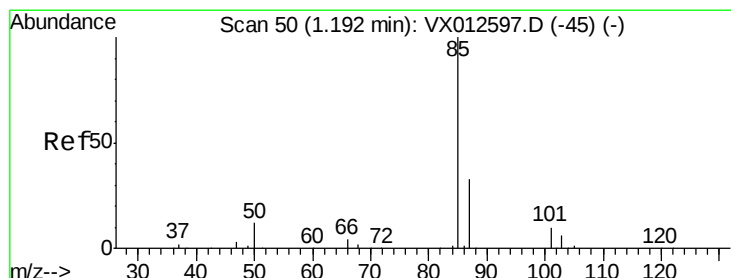
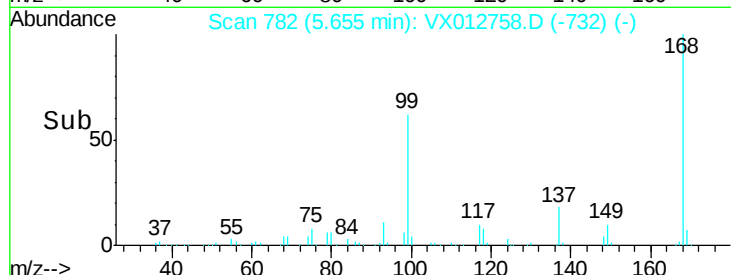
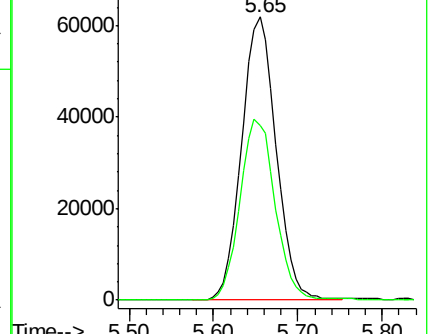
168 100

99 61.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.272 ug/l

RT: 1.44 min Scan# 91

Delta R.T. 0.26 min

Lab File: VX012758.D

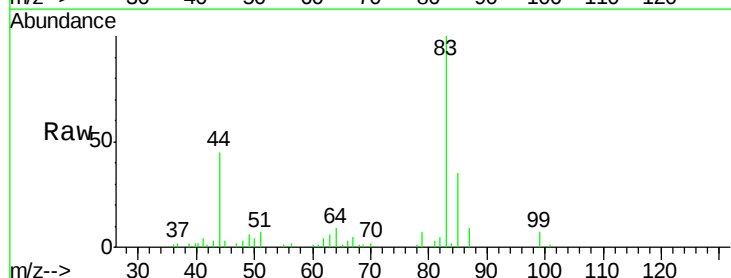
Acq: 02 Oct 2019 14:05

Tgt Ion: 85 Resp: 2456

Ion Ratio Lower Upper

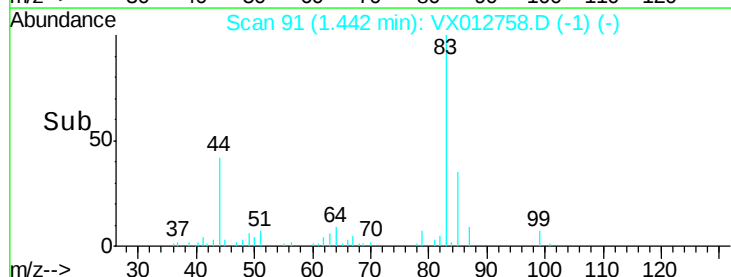
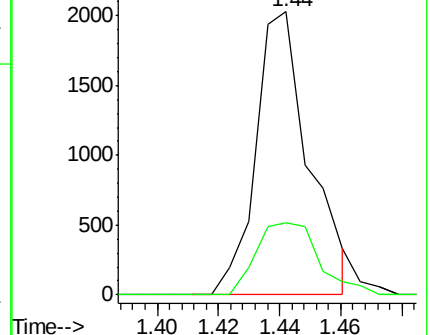
85 100

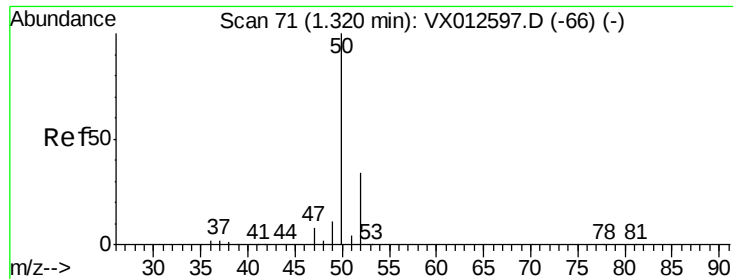
87 25.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.468 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

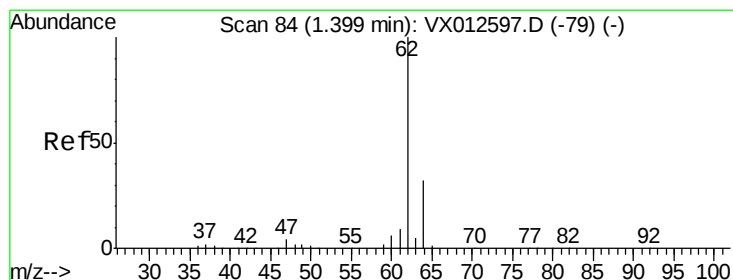
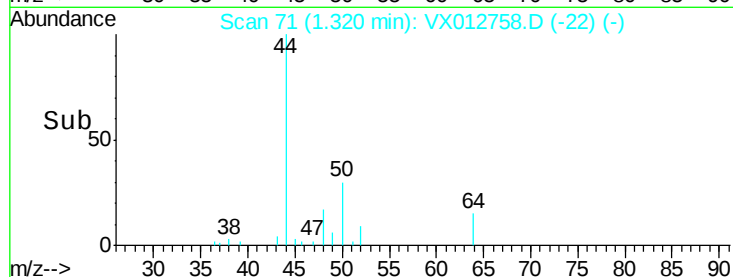
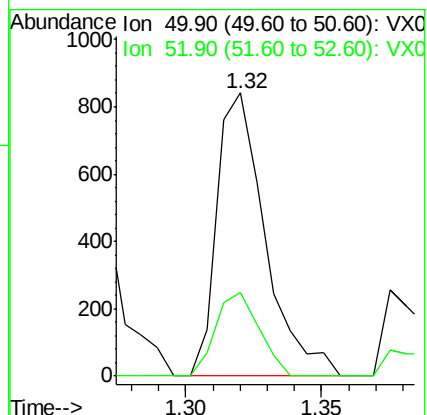
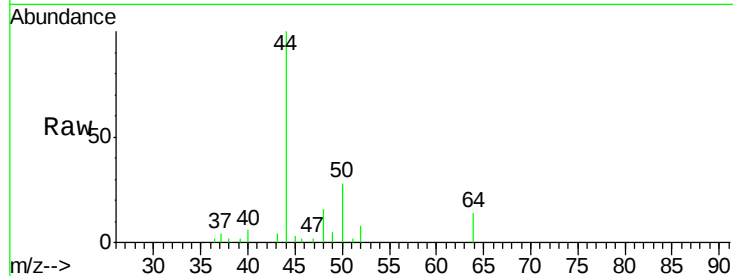
MW-1

Tot Ion: 50 Resp: 1037

Ion Ratio Lower Upper

50 100

52 29.4 25.7 38.5



#4

Vinyl Chloride

Concen: 22.978 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012758.D

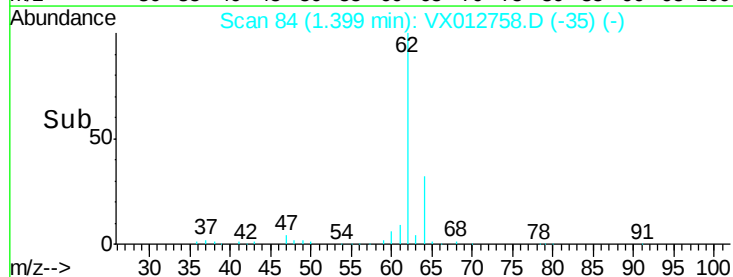
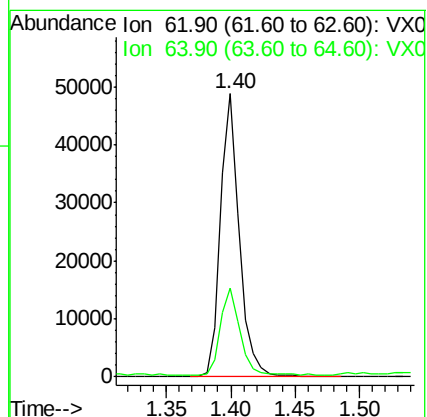
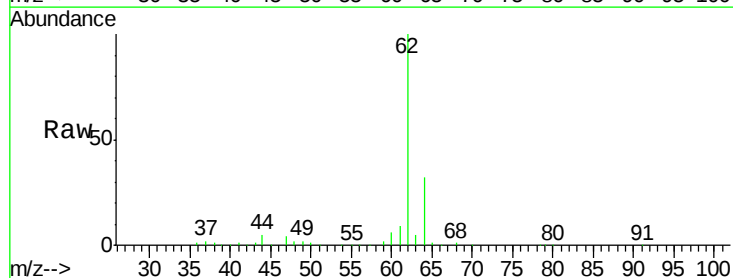
Acq: 02 Oct 2019 14:05

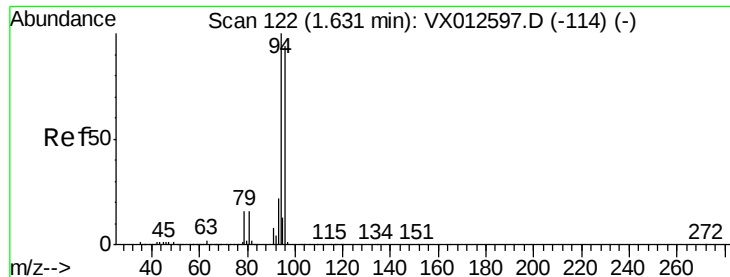
Tgt Ion: 62 Resp: 50657

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.2





#5

Bromomethane

Concen: 0.403 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

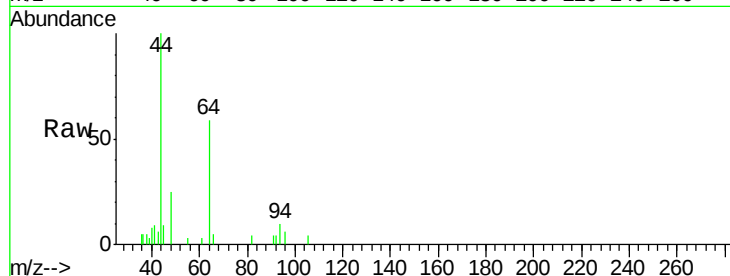
MW-1

Tot Ion: 94 Resp: 349

Ion Ratio Lower Upper

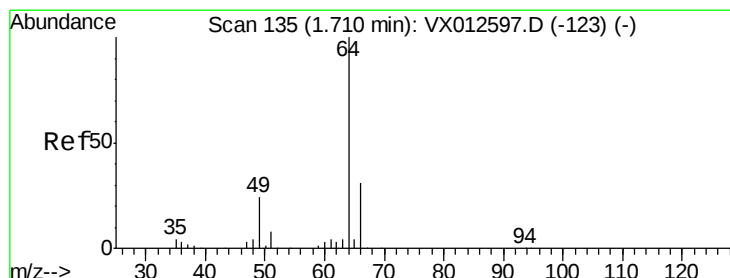
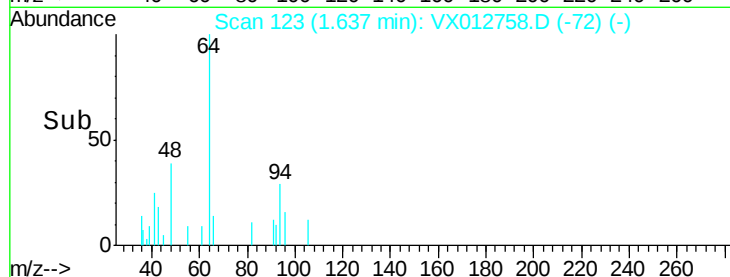
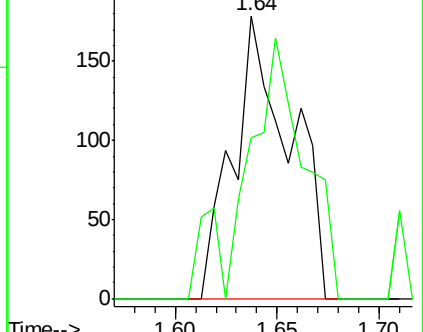
94 100

96 57.0 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 39.081 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012758.D

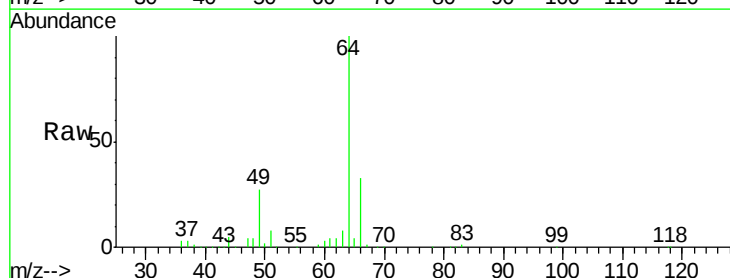
Acq: 02 Oct 2019 14:05

Tgt Ion: 64 Resp: 58081

Ion Ratio Lower Upper

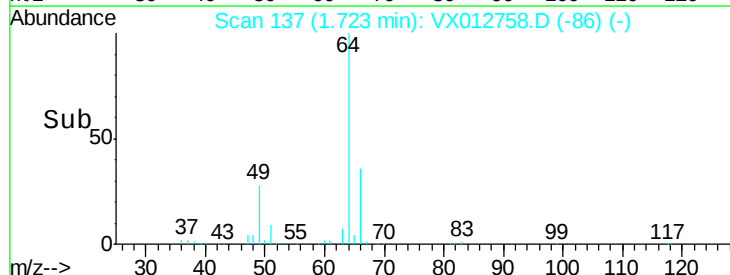
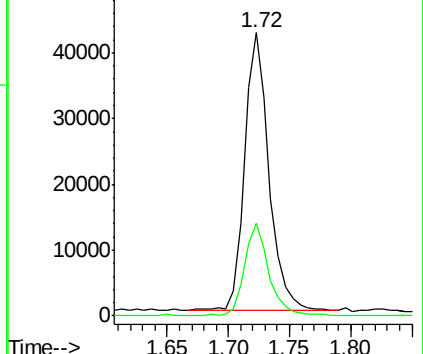
64 100

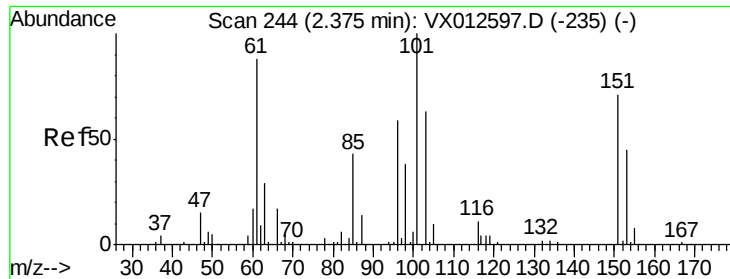
66 33.6 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.371 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

MW-1

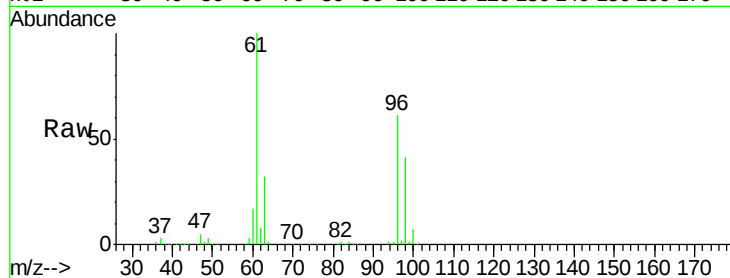
Tot Ion:101 Resp: 699

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

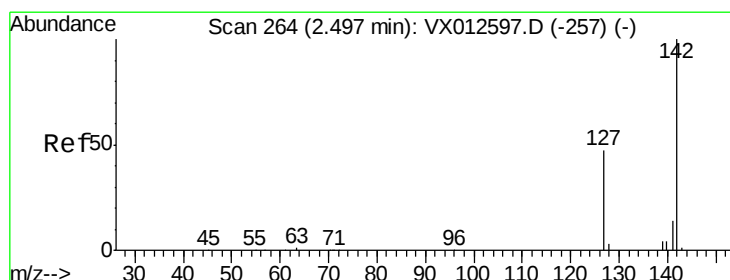
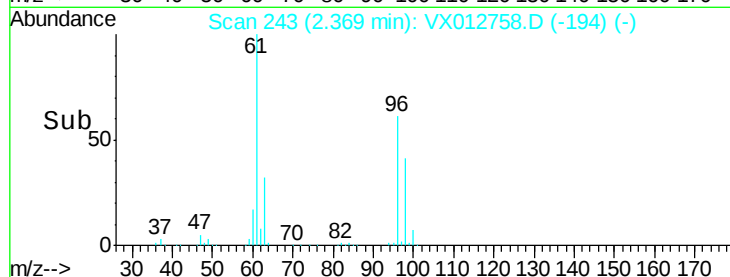
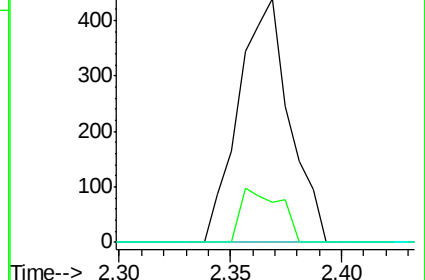
151 0.0 61.0 91.4#



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: 5.019 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

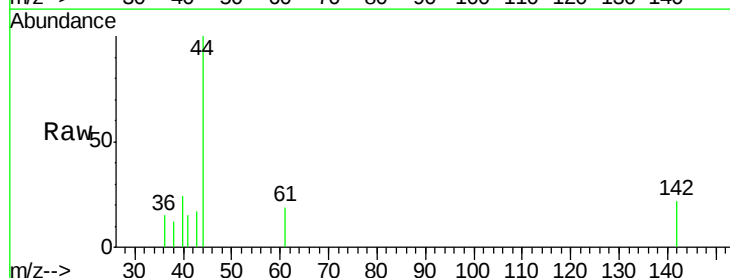
Tgt Ion:142 Resp: 145

Ion Ratio Lower Upper

142 100

127 26.2 40.8 61.2#

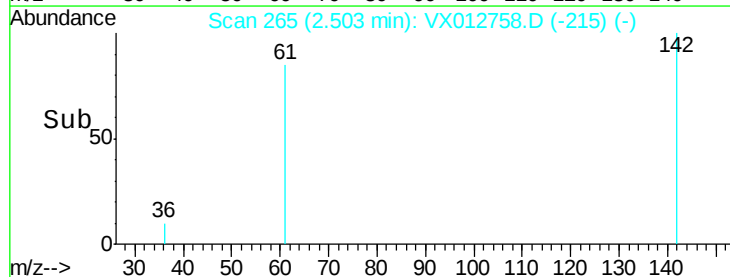
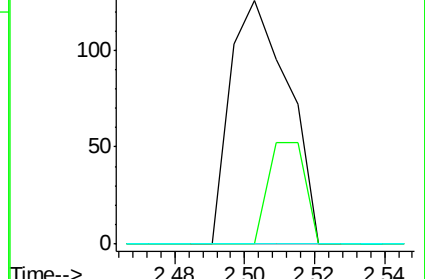
141 0.0 12.1 18.1#

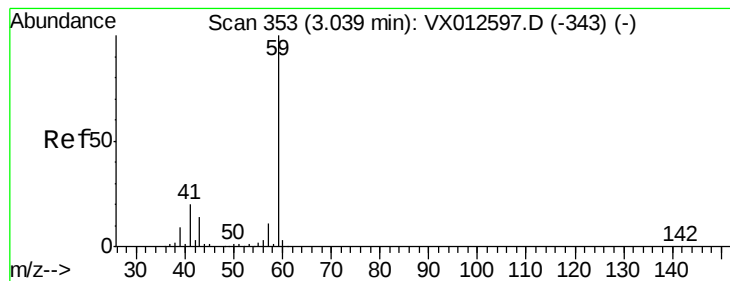


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 13.627 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

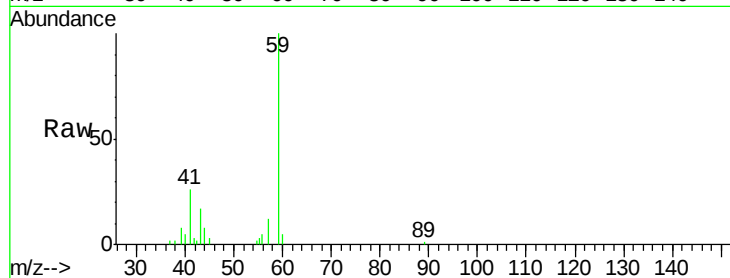
MW-1

Tot Ion: 59 Resp: 8511

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

4000

3000

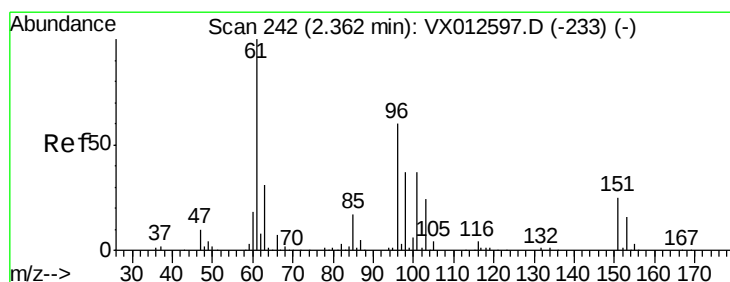
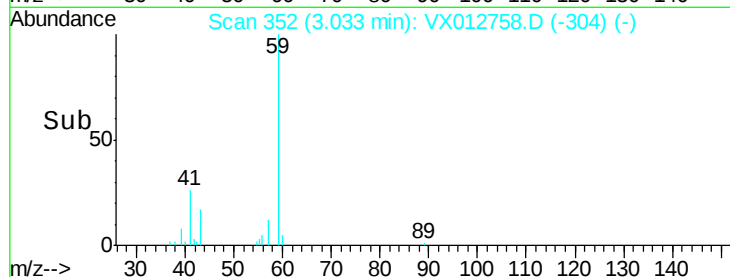
2000

1000

0

Time-->

2.95 3.00 3.05 3.10 3.15



#12

1,1-Dichloroethene

Concen: 139.507 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

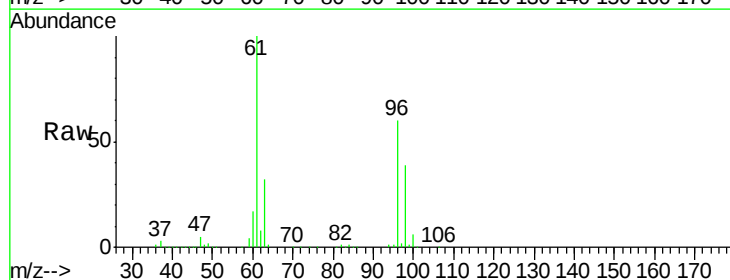
Tgt Ion: 96 Resp: 257532

Ion Ratio Lower Upper

96 100

61 167.3 133.8 200.6

98 65.1 49.9 74.9



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

300000

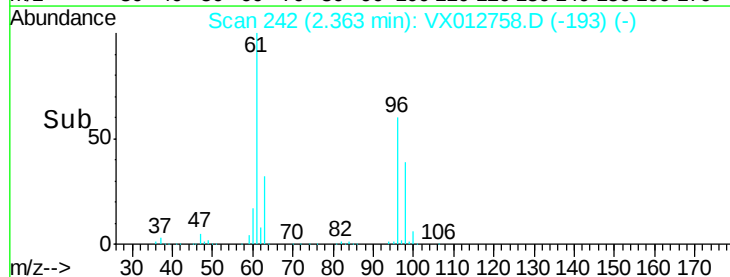
200000

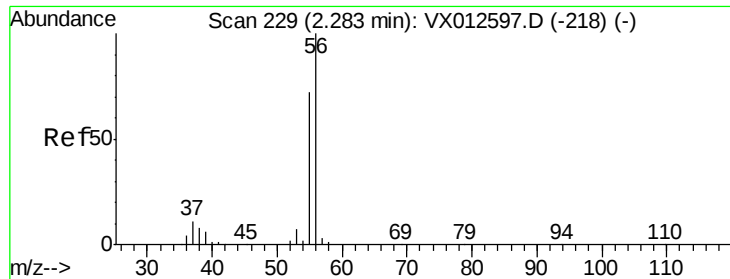
100000

0

Time-->

2.30 2.40 2.50





#13

Acrolein

Concen: 10.393 ug/l

RT: 2.30 min Scan# 232

Delta R.T. 0.02 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

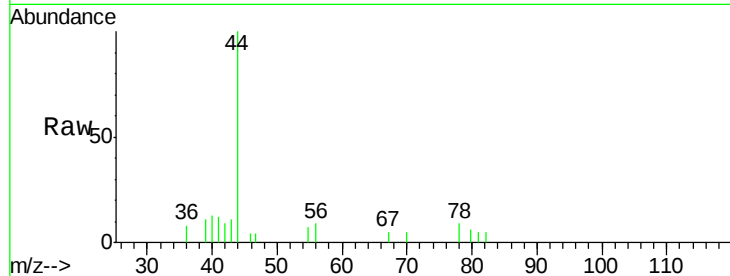
MW-1

Tot Ion: 56 Resp: 58

Ion Ratio Lower Upper

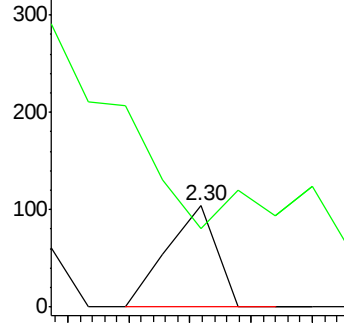
56 100

55 0.0 55.8 83.8#

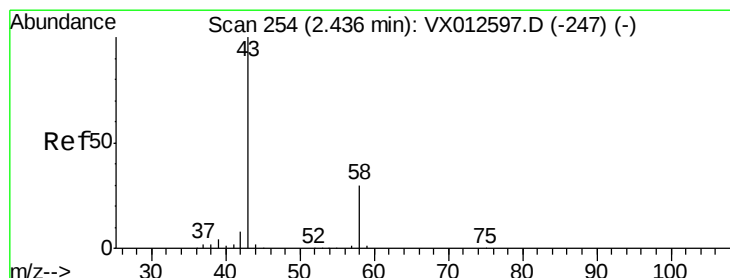
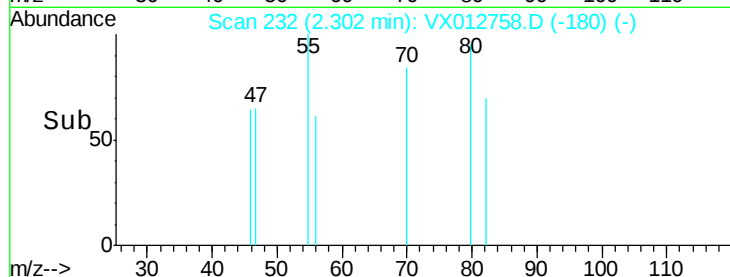


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 26.818 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012758.D

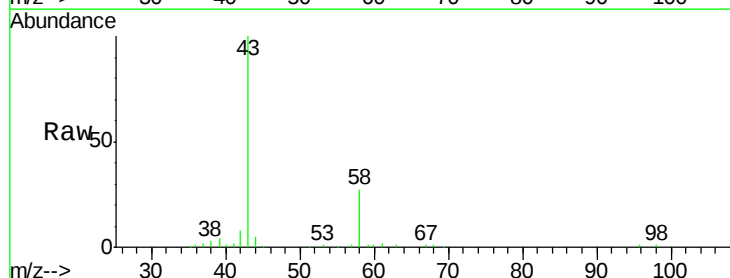
Acq: 02 Oct 2019 14:05

Tgt Ion: 43 Resp: 35515

Ion Ratio Lower Upper

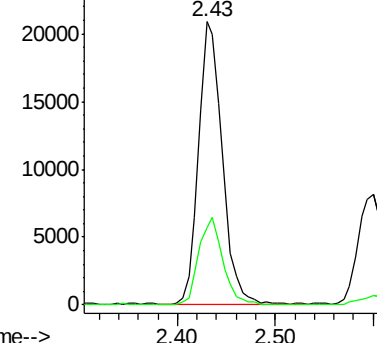
43 100

58 27.1 23.3 34.9

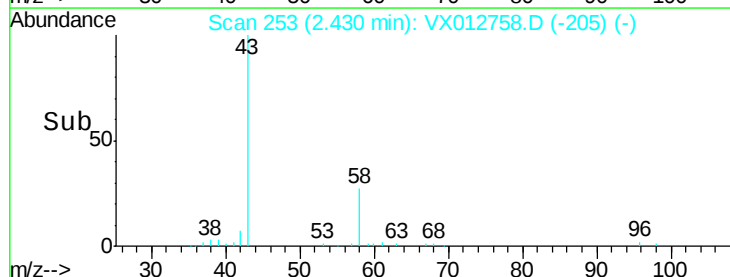


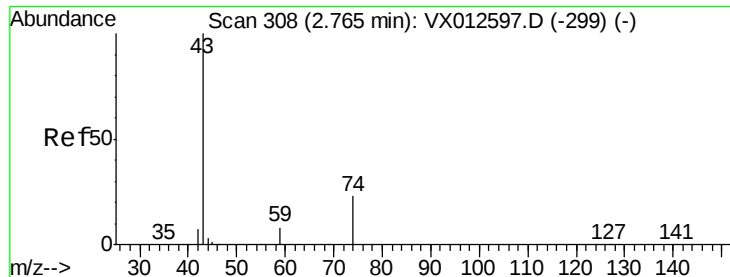
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

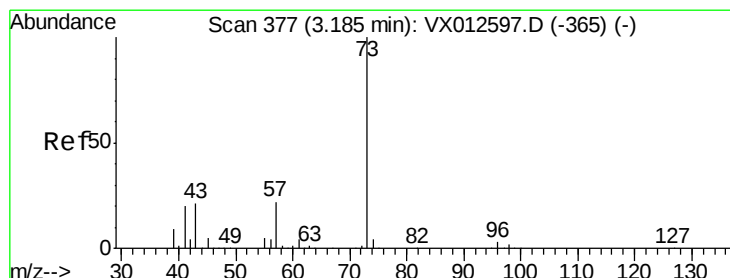
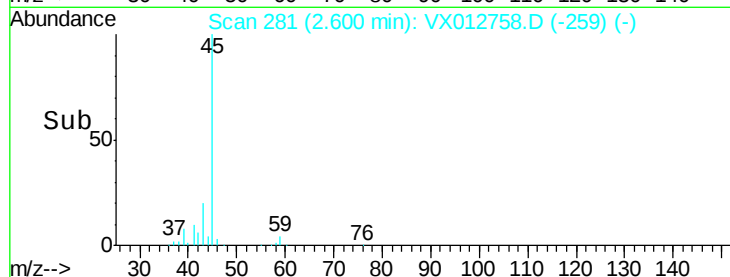
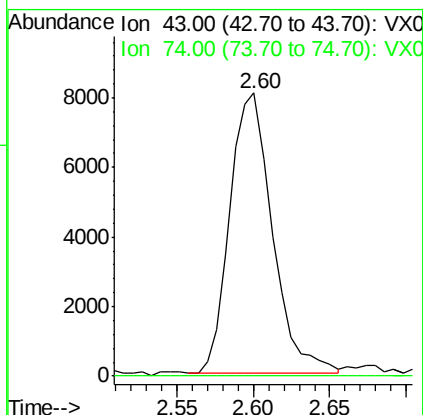
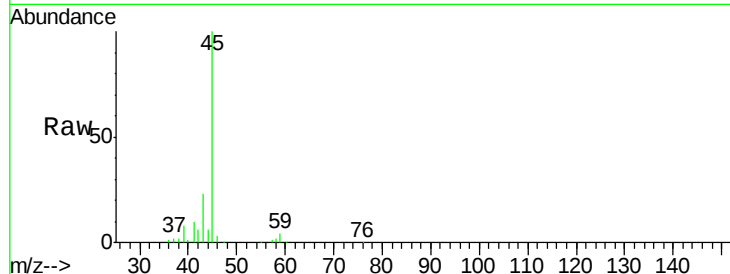




#18
Methvl Acetate
Concen: 4.994 ug/l
RT: 2.60 min Scan# 281
Delta R.T. -0.16 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

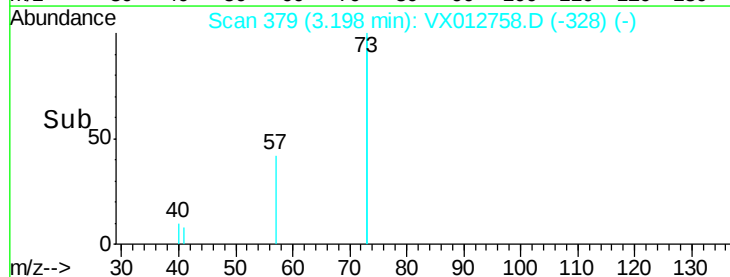
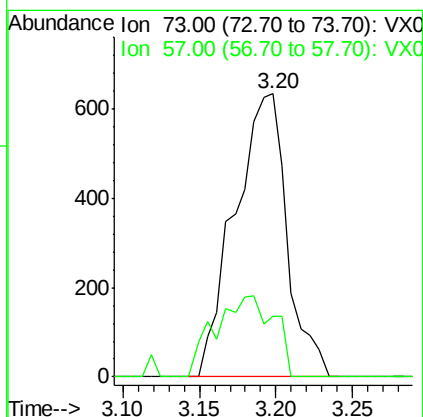
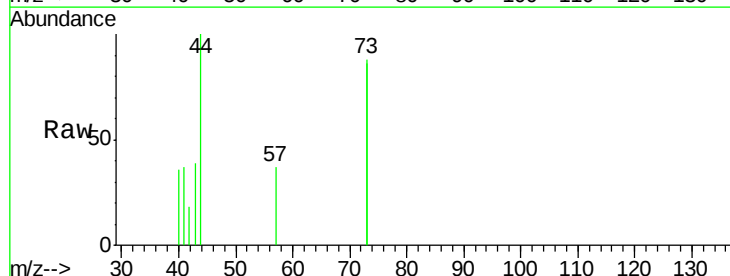
Instrument :
MSVOA_X
ClientSampleId :
MW-1

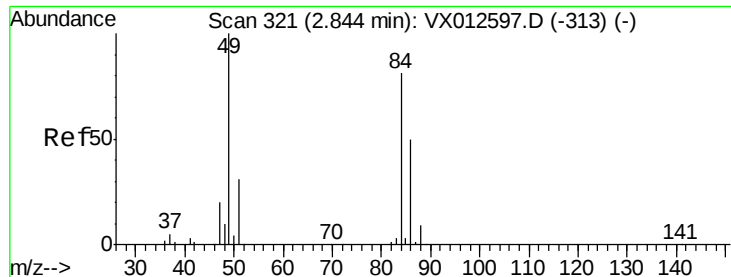
Tot Ion: 43 Resp: 15574
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#19
Methyl tert-butyl Ether
Concen: 0.216 ug/l
RT: 3.20 min Scan# 379
Delta R.T. 0.01 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Tgt Ion: 73 Resp: 1508
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2





#20

Methylene Chloride

Concen: 0.855 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion: 84 Resp: 1914

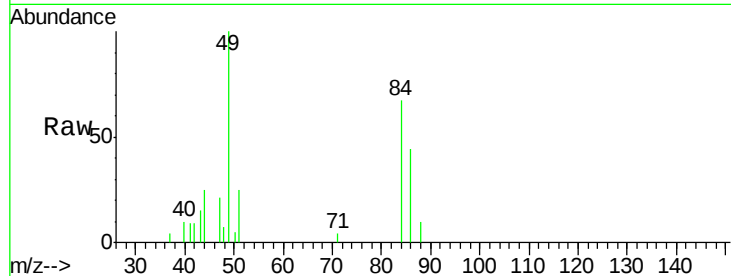
Ion Ratio Lower Upper

84 100

49 149.2 106.8 160.2

51 36.8 32.3 48.5

86 65.8 51.3 76.9

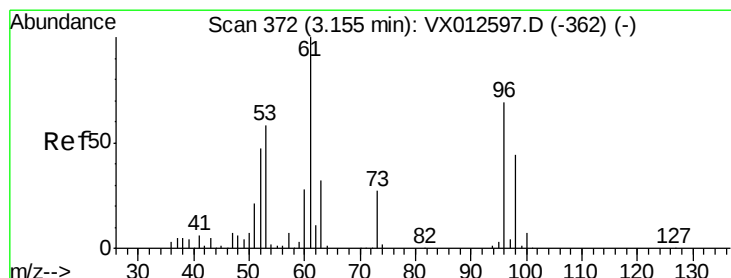
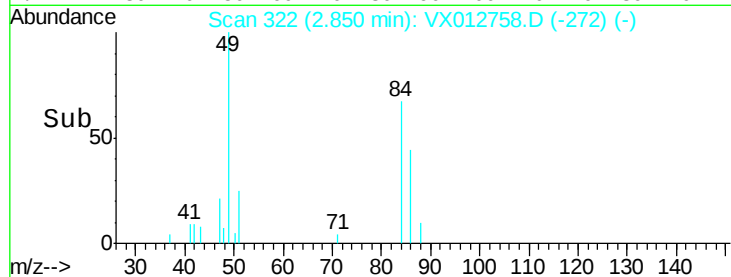
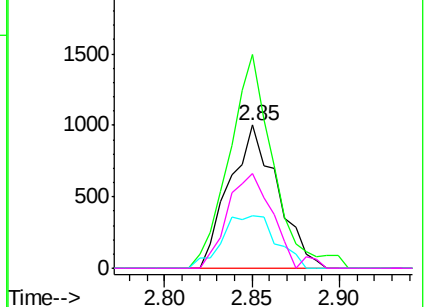


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.266 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.02 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

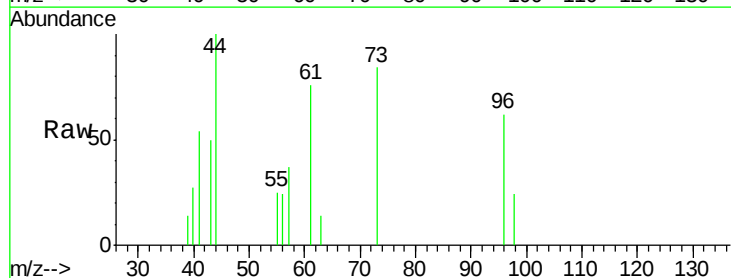
Tgt Ion: 96 Resp: 545

Ion Ratio Lower Upper

96 100

61 123.1 112.0 168.0

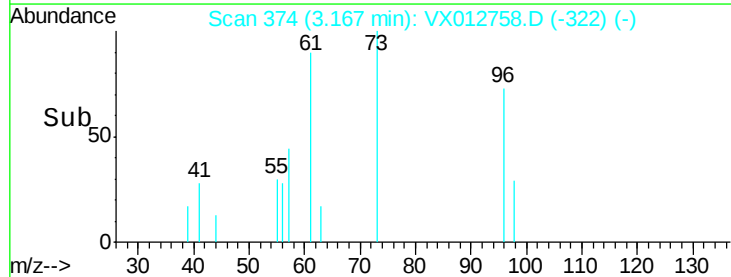
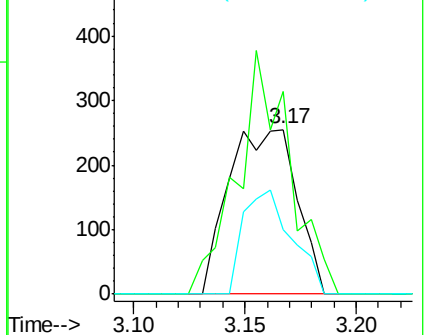
98 39.6 47.8 71.8#

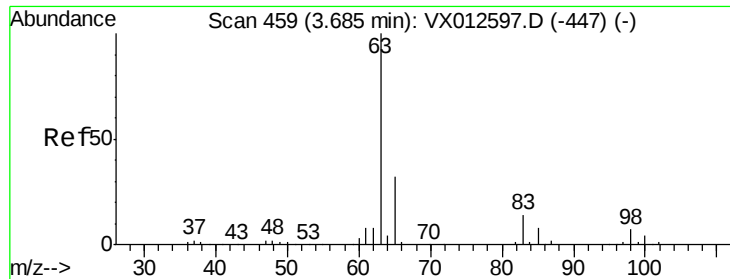


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 36.051 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

MW-1

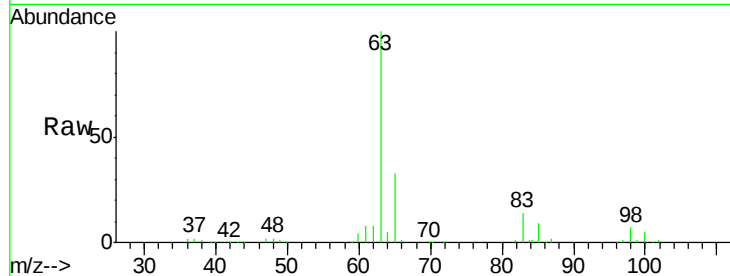
Tot Ion: 63 Resp: 138683

Ion Ratio Lower Upper

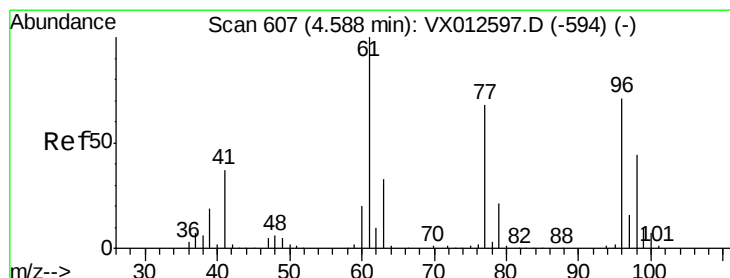
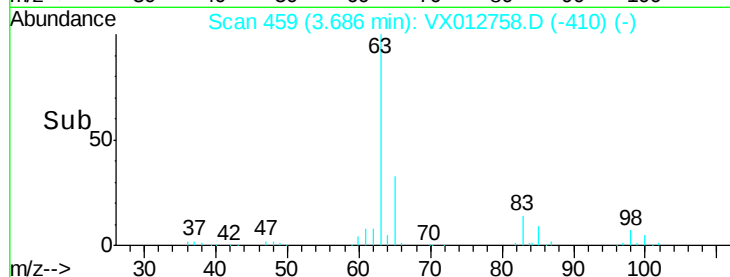
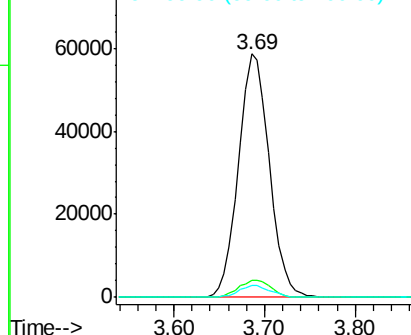
63 100

98 7.3 3.9 11.7

100 4.8 2.3 6.9



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



#27

cis-1,2-Dichloroethene

Concen: 18.480 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

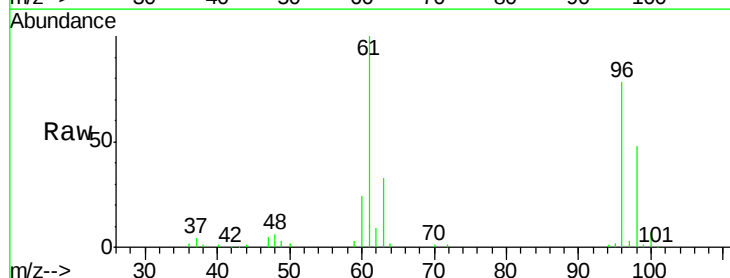
Tgt Ion: 96 Resp: 43853

Ion Ratio Lower Upper

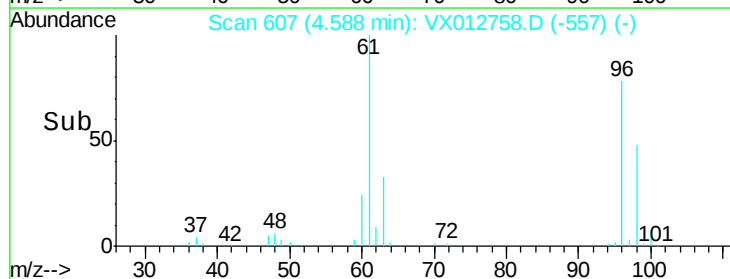
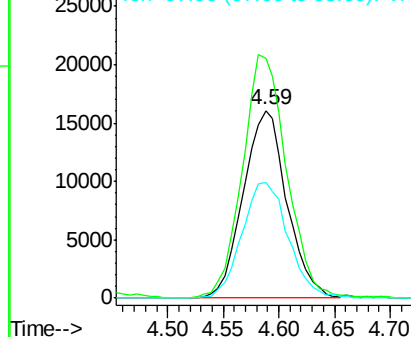
96 100

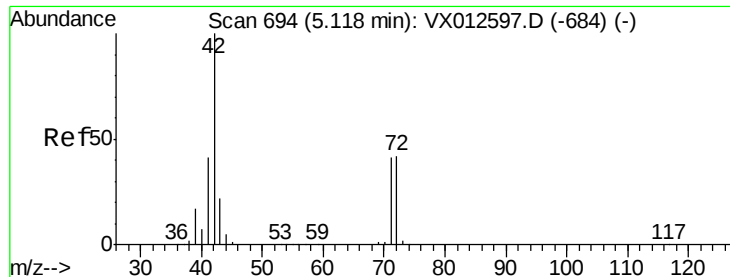
61 132.1 0.0 319.4

98 65.4 0.0 130.6



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





#29

Tetrahydrofuran

Concen: 0.915 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.03 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

MW-1

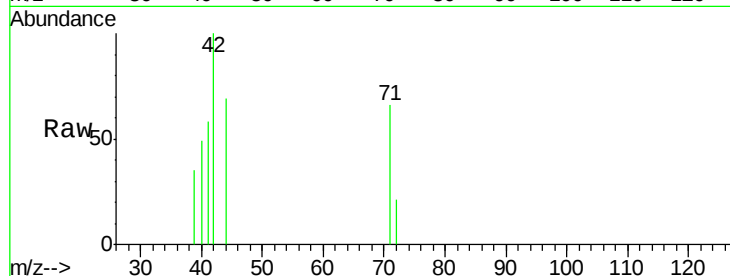
Tot Ion: 42 Resp: 1059

Ion Ratio Lower Upper

42 100

72 18.6 34.0 51.0#

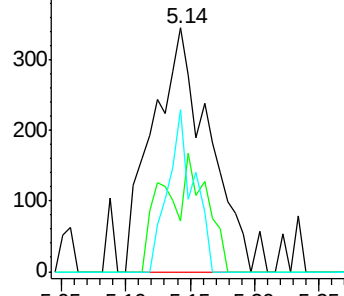
71 30.1 31.5 47.3#



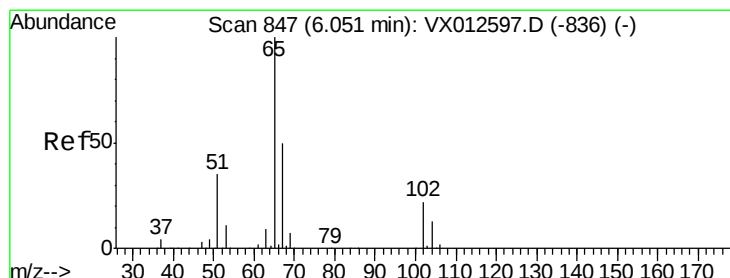
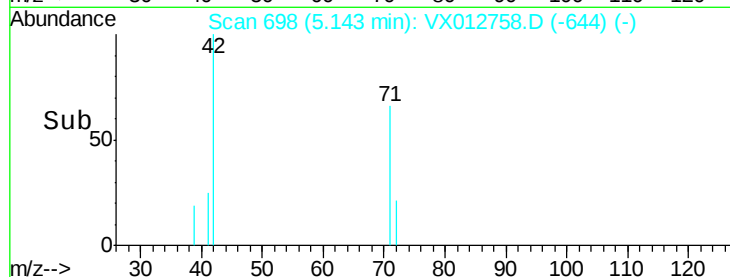
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.307 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012758.D

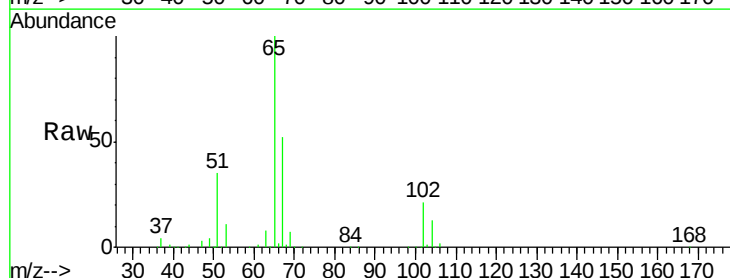
Acq: 02 Oct 2019 14:05

Tgt Ion: 65 Resp: 123279

Ion Ratio Lower Upper

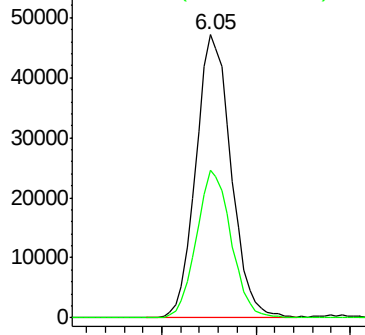
65 100

67 51.6 0.0 101.2

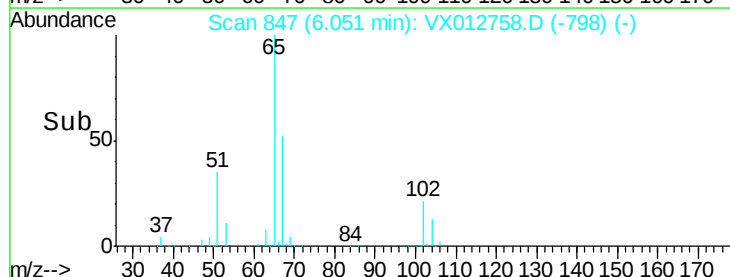


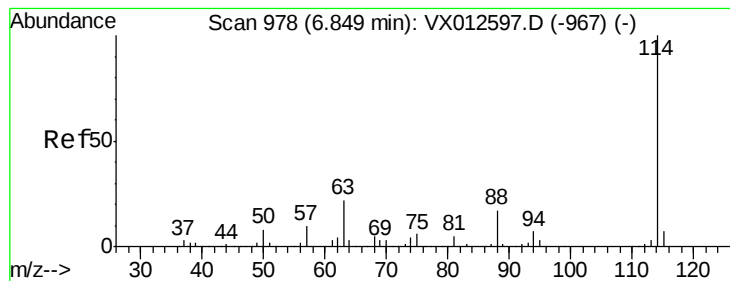
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

MW-1

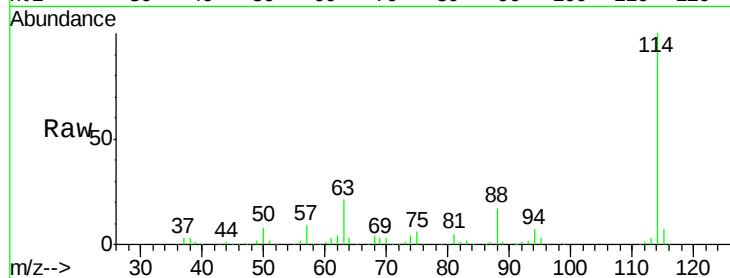
Tot Ion:114 Resp: 301580

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

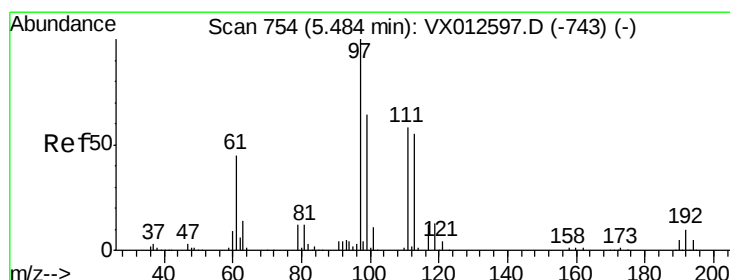
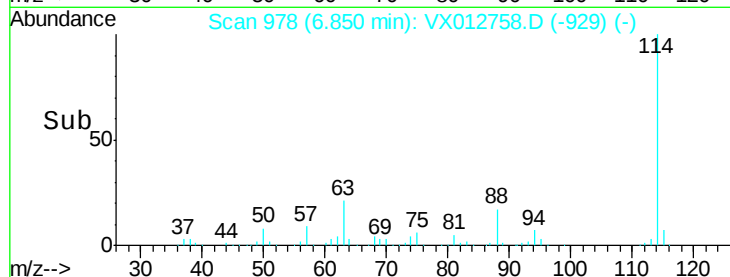
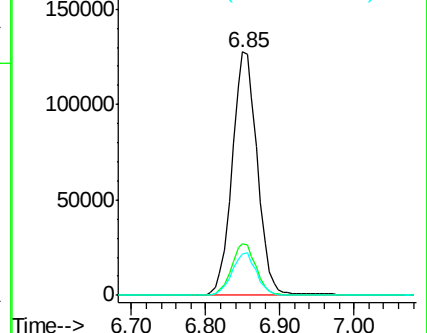
88 16.8 0.0 33.2



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: 50.835 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

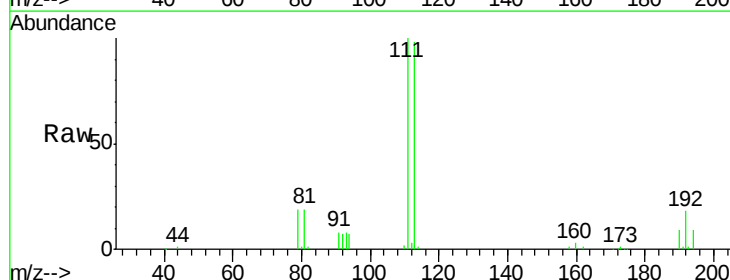
Tgt Ion:113 Resp: 91301

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

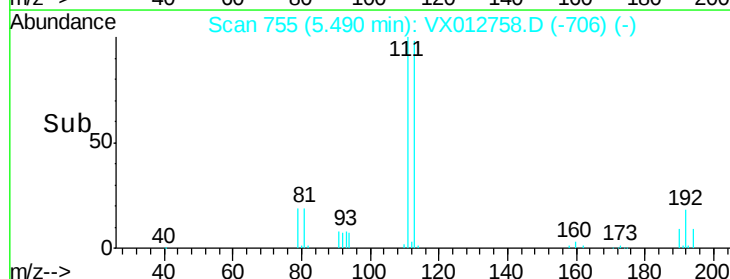
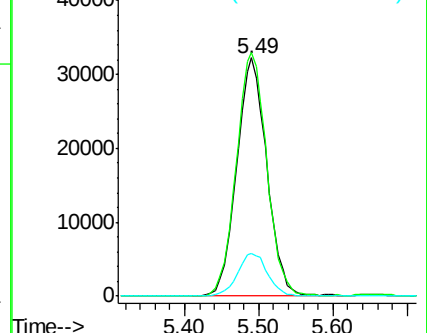
192 17.9 14.4 21.6

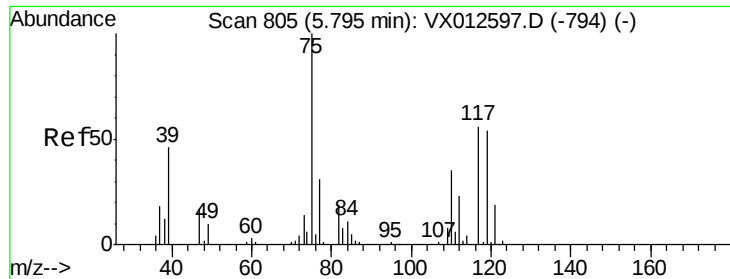


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

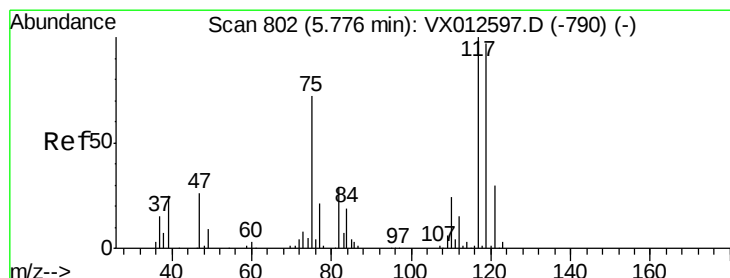
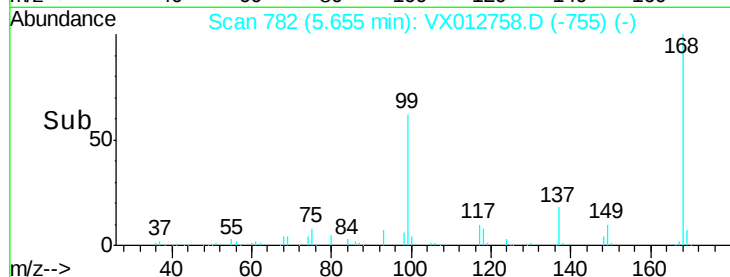
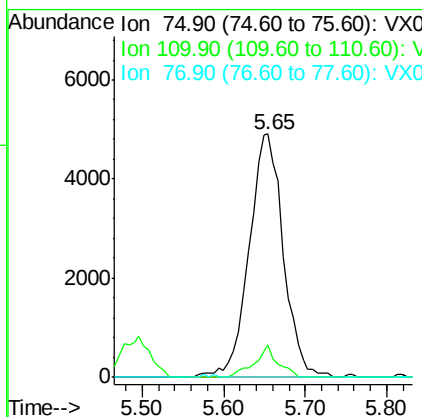
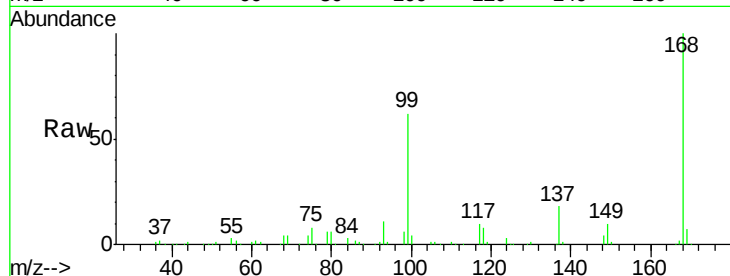




#36
 1,1-Dichloropropene
 Concen: 4.932 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012758.D
 Acq: 02 Oct 2019 14:05

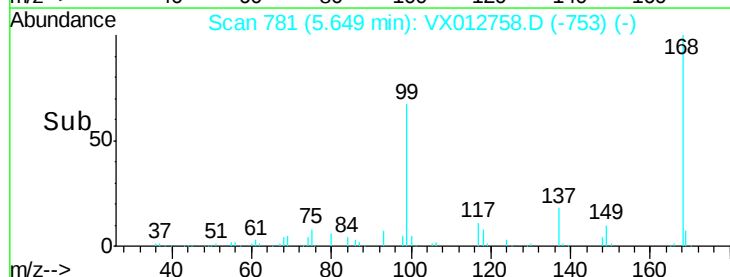
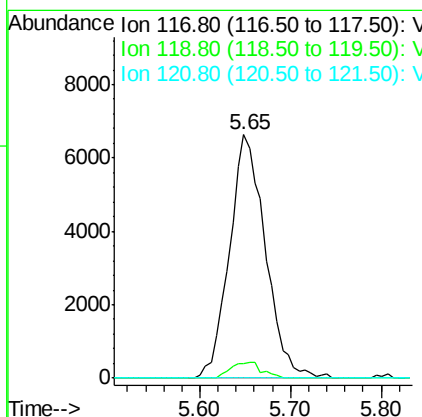
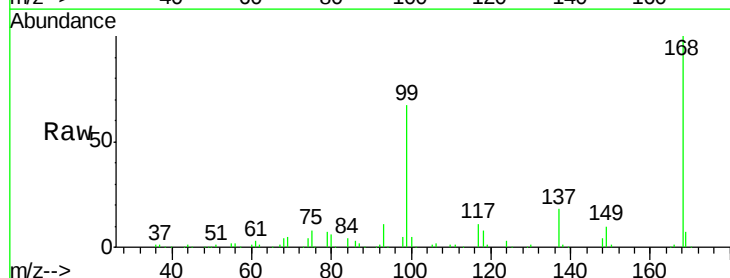
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

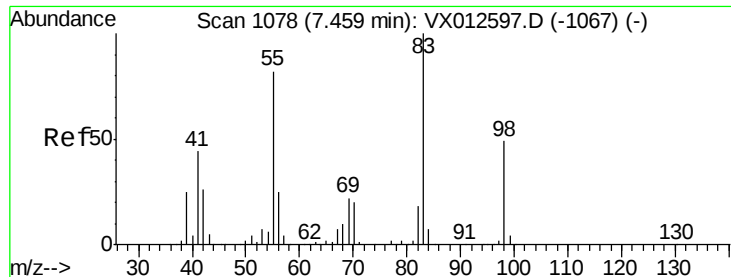
Tot Ion: 75 Resp: 14337
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.7 50.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.167 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012758.D
 Acq: 02 Oct 2019 14:05

Tgt Ion: 117 Resp: 18210
 Ion Ratio Lower Upper
 117 100
 119 6.0 75.7 113.5#
 121 0.0 24.2 36.4#

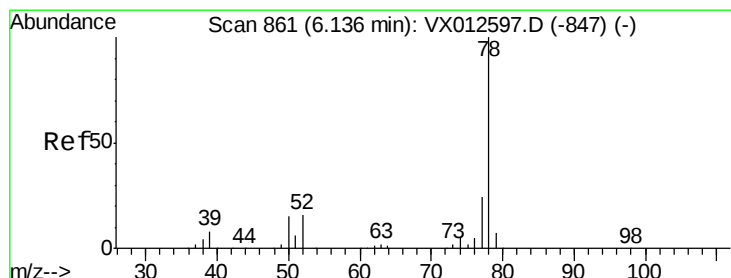
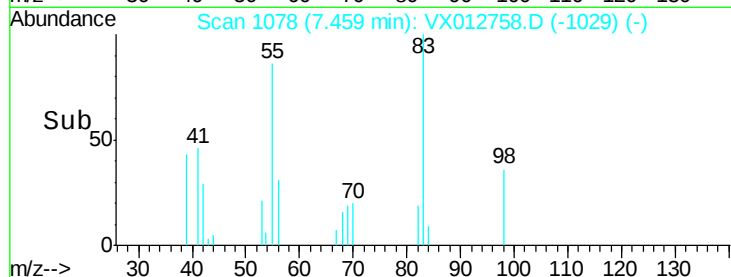
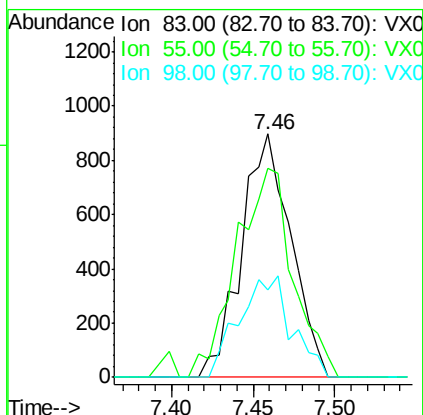
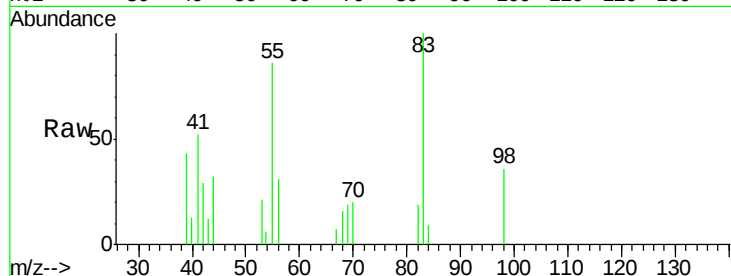




#39
Methvlcvclohexane
Concen: 0.541 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

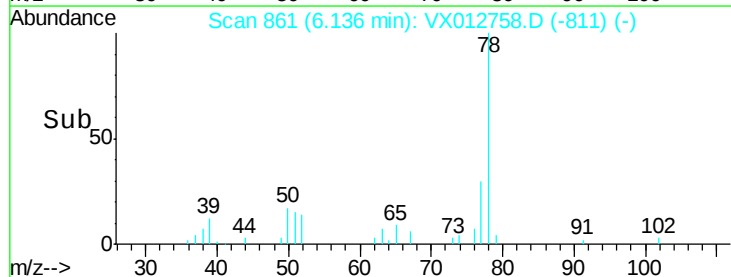
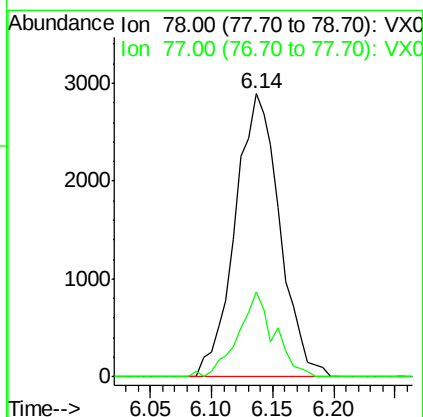
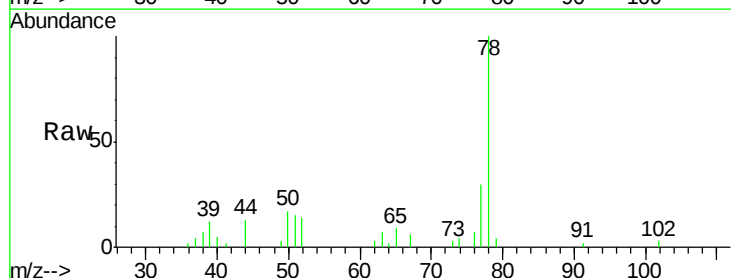
Instrument :
MSVOA_X
ClientSampled :
MW-1

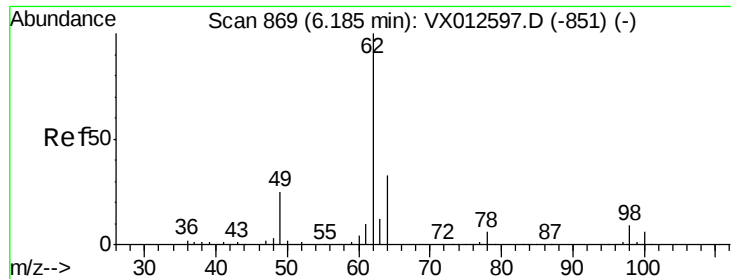
Tot Ion: 83 Resp: 1894
Ion Ratio Lower Upper
83 100
55 85.9 64.4 96.6
98 36.1 40.1 60.1#



#40
Benzene
Concen: 0.855 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Tgt Ion: 78 Resp: 7311
Ion Ratio Lower Upper
78 100
77 30.1 19.2 28.8#

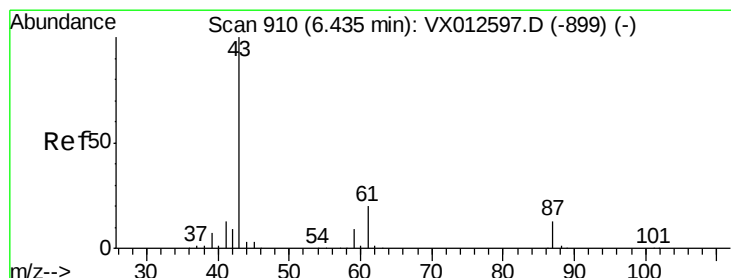
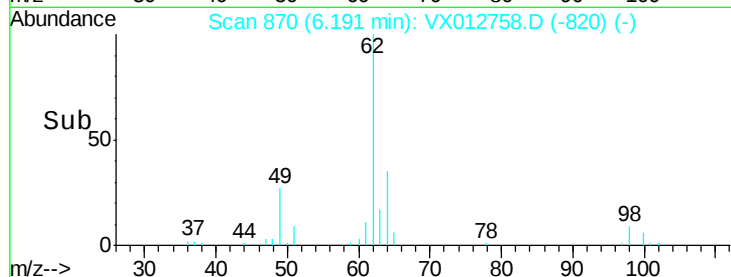
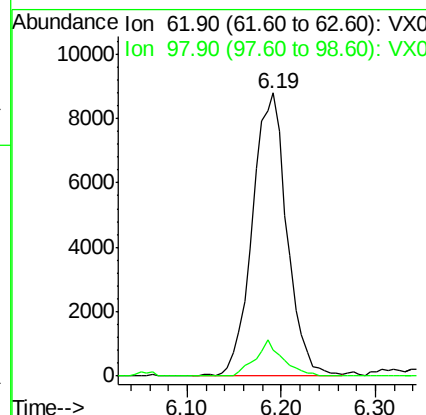
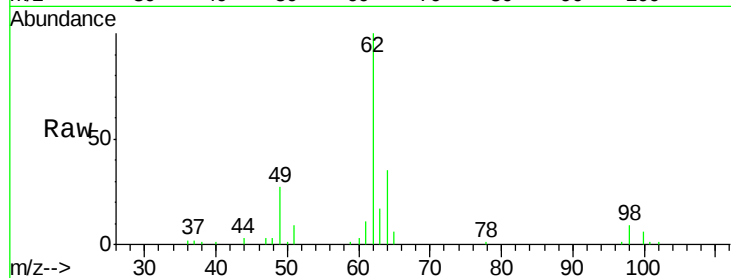




#42
 1,2-Dichloroethane
 Concen: 6.944 ug/l
 RT: 6.19 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX012758.D
 Acq: 02 Oct 2019 14:05

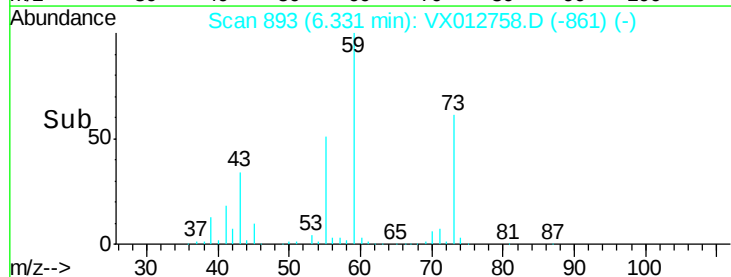
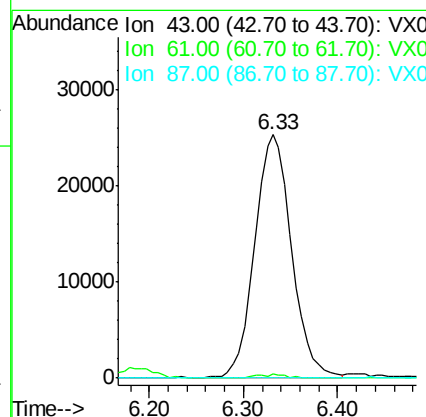
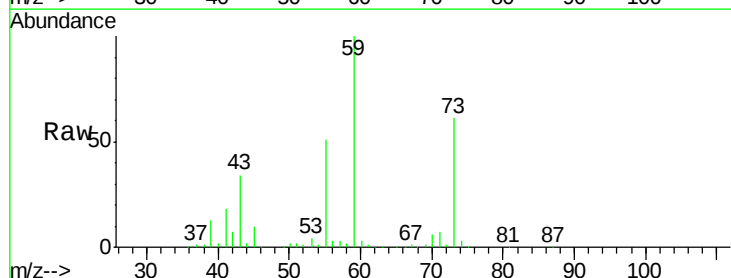
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

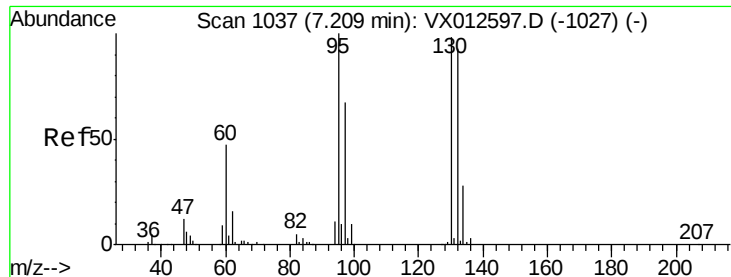
Tot Ion: 62 Resp: 22552
 Ion Ratio Lower Upper
 62 100
 98 10.2 0.0 17.8



#43
 Isopropyl Acetate
 Concen: 12.247 ug/l
 RT: 6.33 min Scan# 893
 Delta R.T. -0.10 min
 Lab File: VX012758.D
 Acq: 02 Oct 2019 14:05

Tgt Ion: 43 Resp: 69605
 Ion Ratio Lower Upper
 43 100
 61 1.3 15.4 23.0#
 87 0.0 9.8 14.8#





#44

Trichloroethene

Concen: 1.345 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

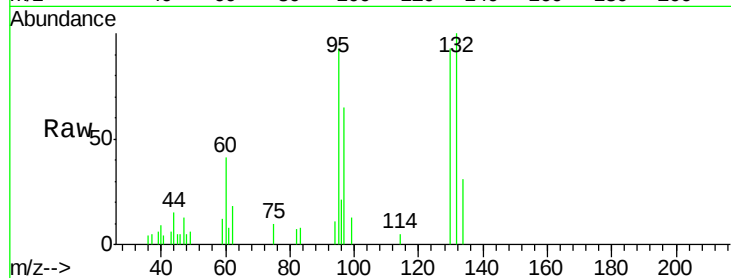
MW-1

Tot Ion:130 Resp: 2941

Ion Ratio Lower Upper

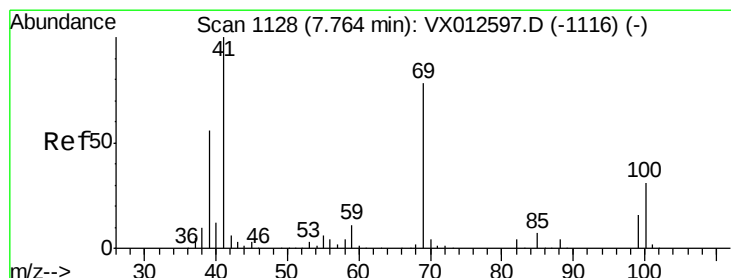
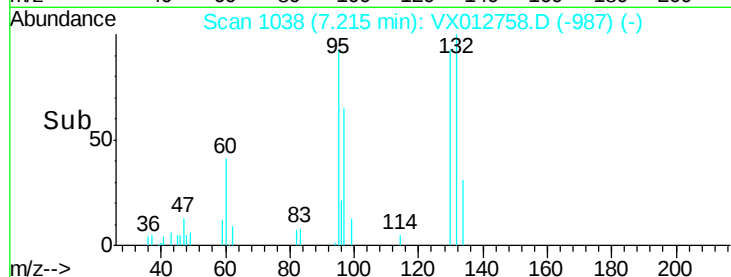
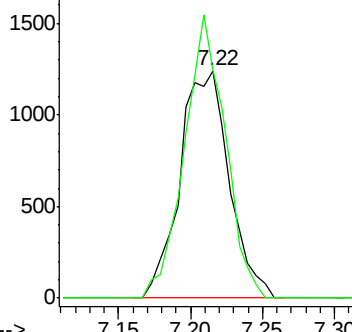
130 100

95 100.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 1.239 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

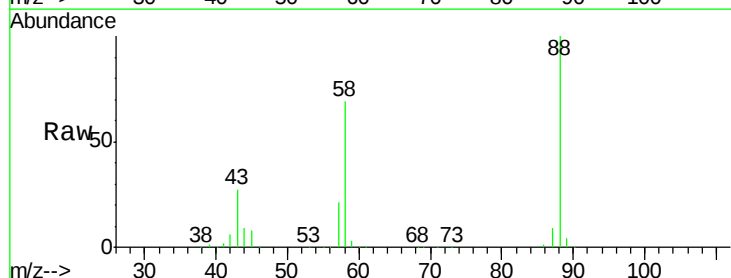
Tgt Ion: 41 Resp: 3377

Ion Ratio Lower Upper

41 100

69 16.3 59.9 89.9#

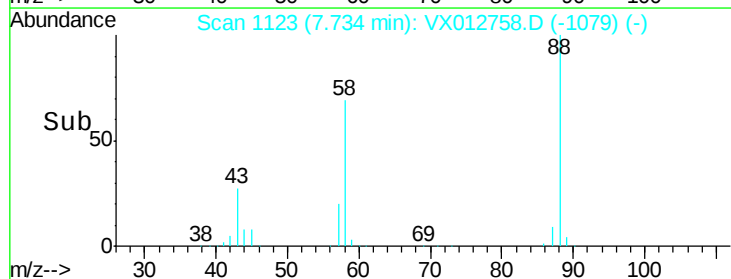
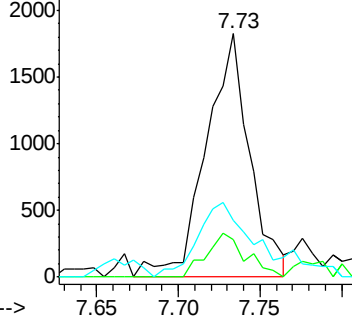
39 43.7 47.8 71.6#

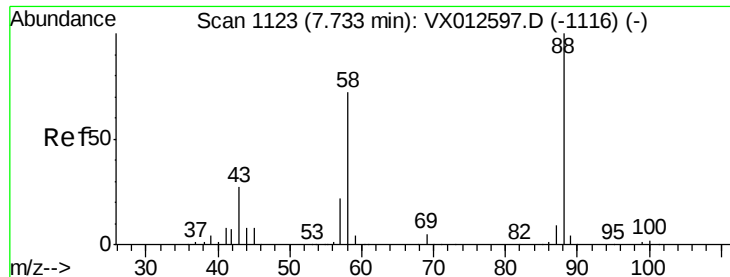


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

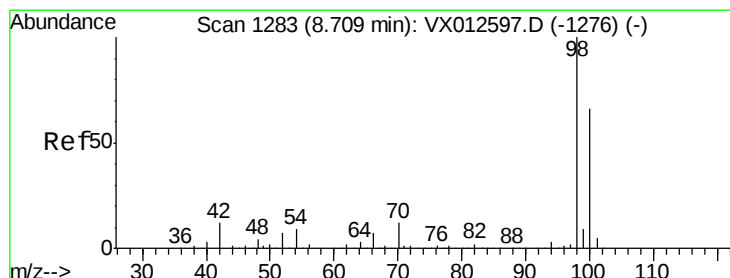
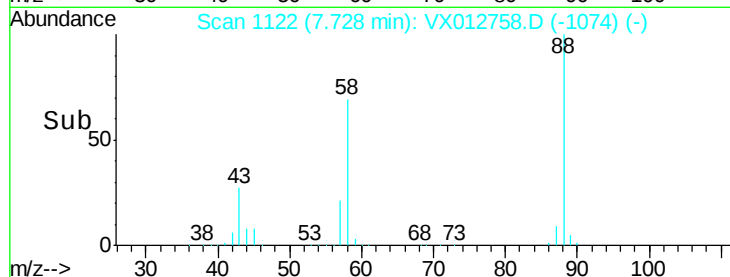
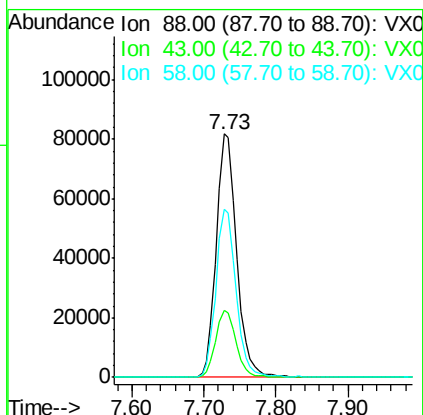
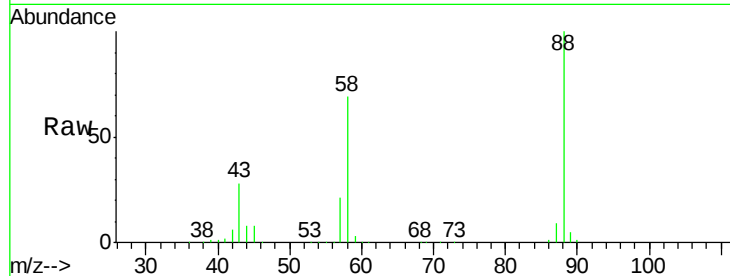




#49
1,4-Dioxane
Concen: 2603.551 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

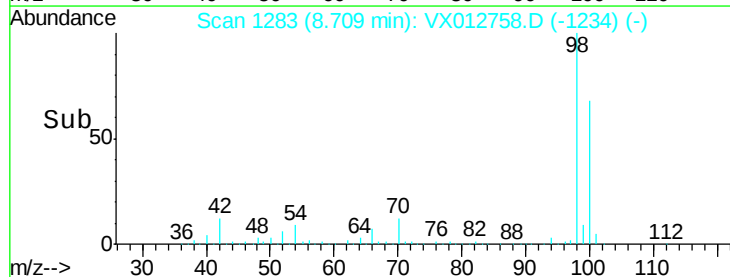
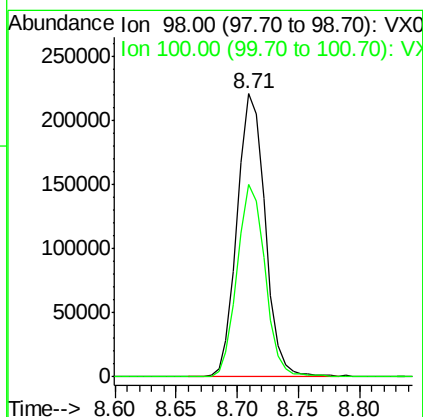
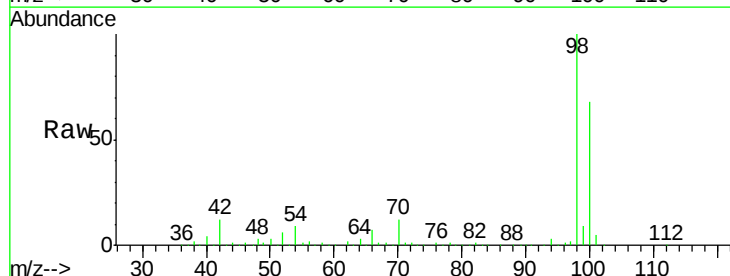
Instrument :
MSVOA_X
ClientSampled :
MW-1

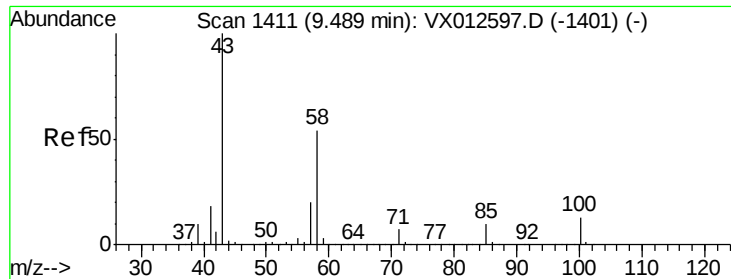
Tot Ion: 88 Resp: 160927
Ion Ratio Lower Upper
88 100
43 27.6 29.4 44.0#
58 68.1 57.5 86.3



#50
Toluene-d8
Concen: 50.771 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Tgt Ion: 98 Resp: 351167
Ion Ratio Lower Upper
98 100
100 68.4 53.4 80.2





#59

2-Hexanone

Concen: 1.050 ug/l

RT: 9.30 min Scan# 1380

Delta R.T. -0.19 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

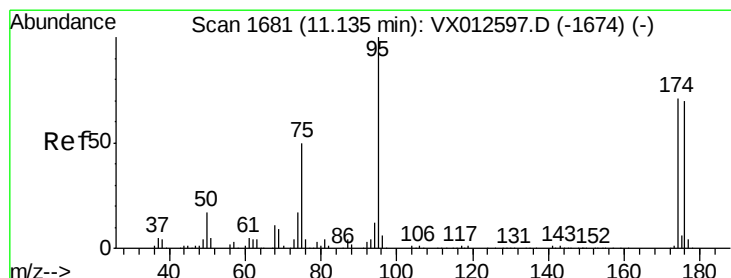
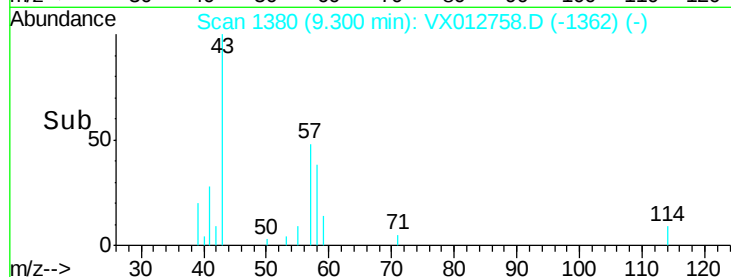
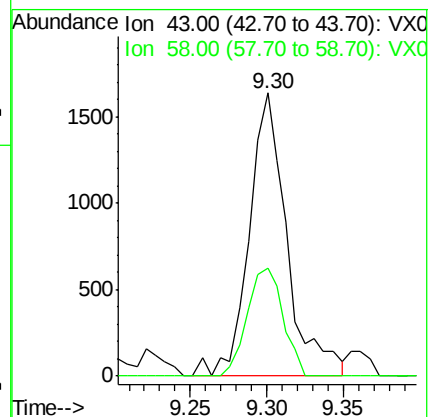
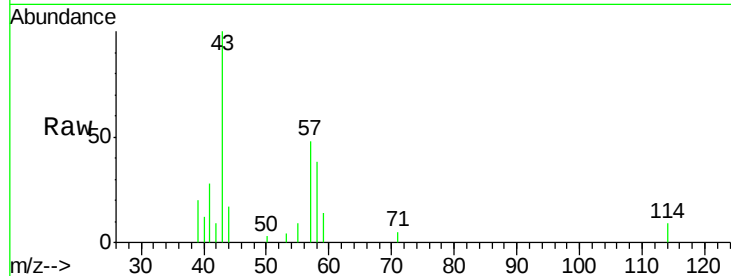
MW-1

Tot Ion: 43 Resp: 2820

Ion Ratio Lower Upper

43 100

58 36.2 25.7 77.1



#62

4-Bromofluorobenzene

Concen: 44.232 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

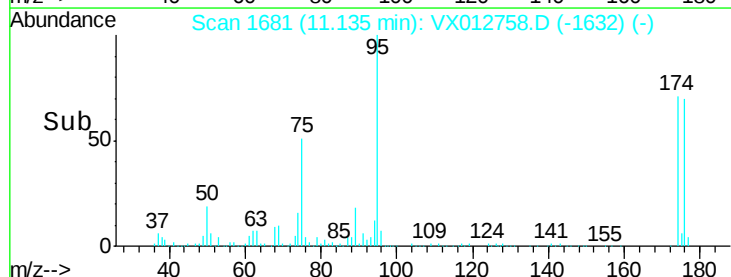
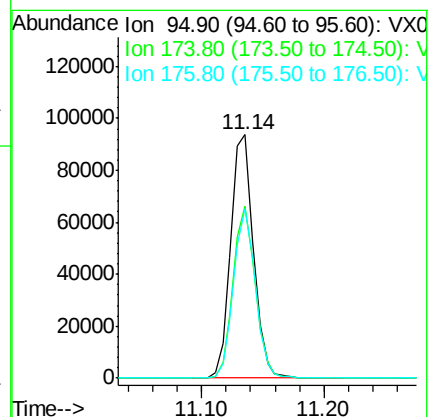
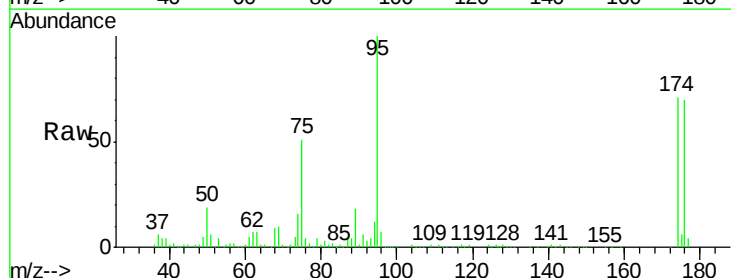
Tgt Ion: 95 Resp: 120297

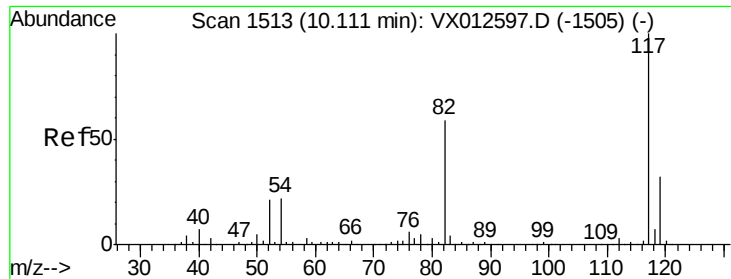
Ion Ratio Lower Upper

95 100

174 68.5 0.0 140.0

176 67.0 0.0 135.4

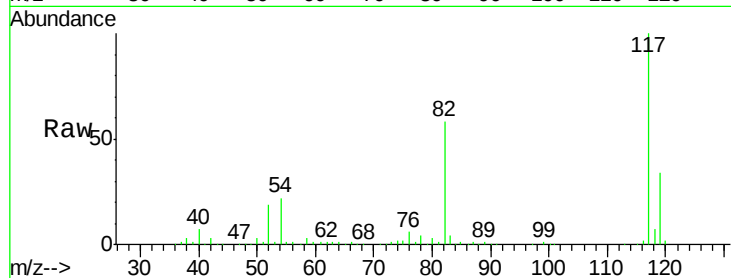




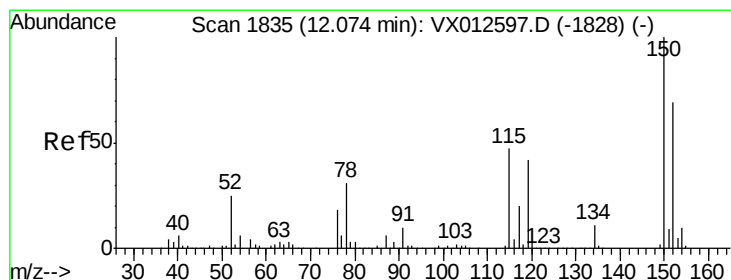
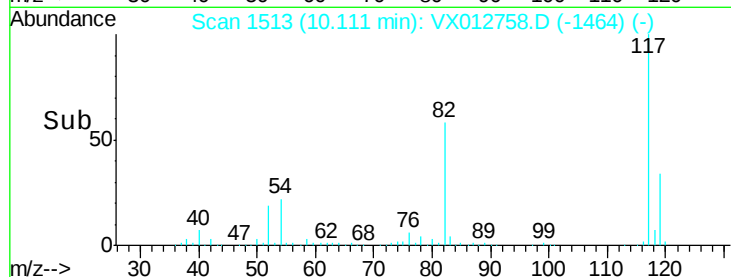
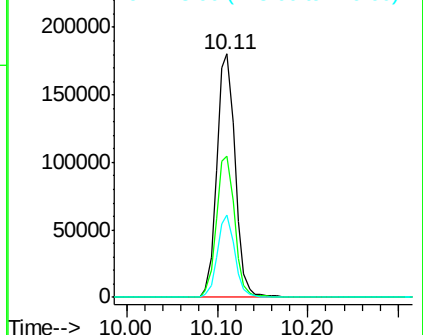
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion:117 Resp: 255896
Ion Ratio Lower Upper
117 100
82 58.1 45.9 68.9
119 33.9 25.3 37.9

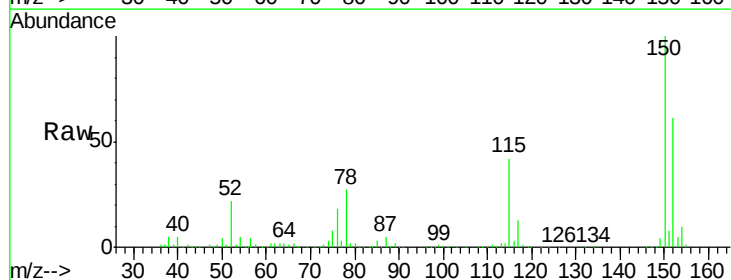


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

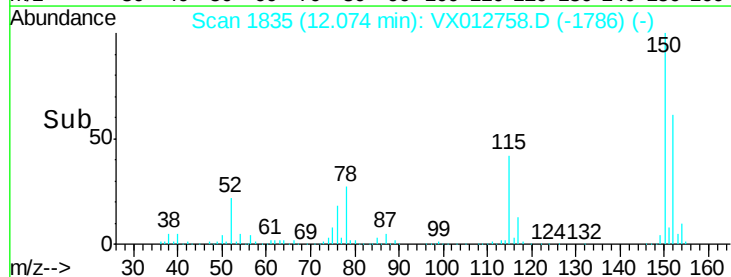
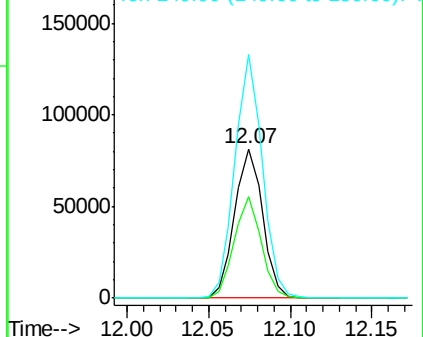


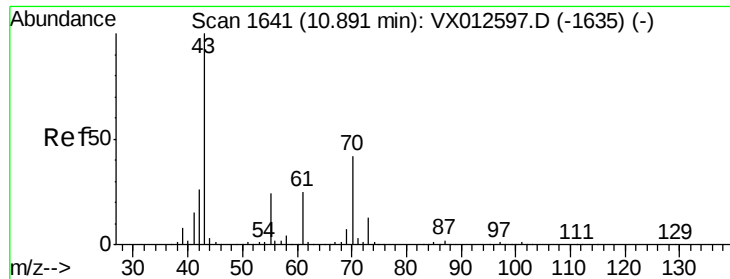
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Tgt Ion:152 Resp: 98019
Ion Ratio Lower Upper
152 100
115 65.3 44.1 132.3
150 159.7 0.0 343.8



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





#74

N-amvl acetate

Concen: 0.316 ug/l

RT: 10.94 min Scan# 1649

Delta R.T. 0.05 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion: 43 Resp: 1202

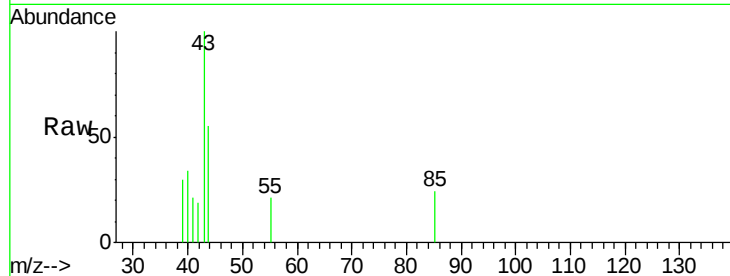
Ion Ratio Lower Upper

43 100

70 0.0 32.4 48.6#

55 0.0 18.2 27.4#

61 0.0 18.5 27.7#

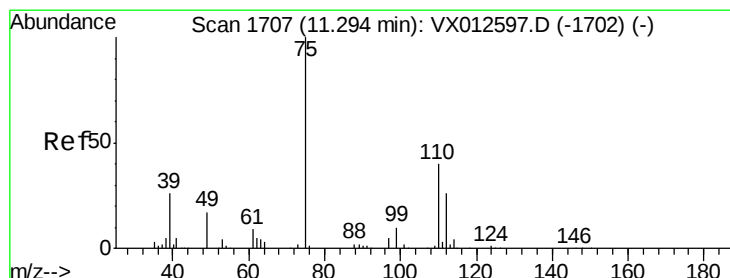
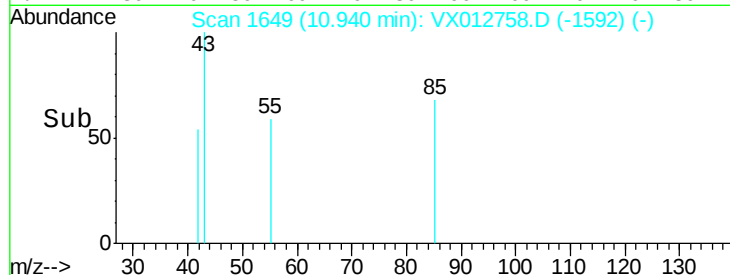
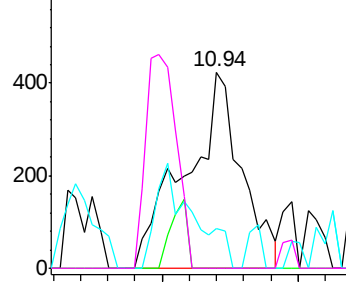


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 24.403 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012758.D

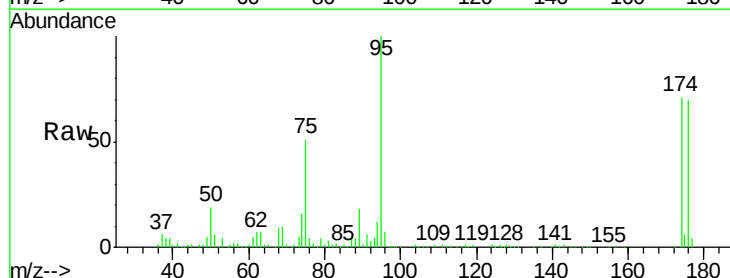
Acq: 02 Oct 2019 14:05

Tgt Ion: 75 Resp: 63273

Ion Ratio Lower Upper

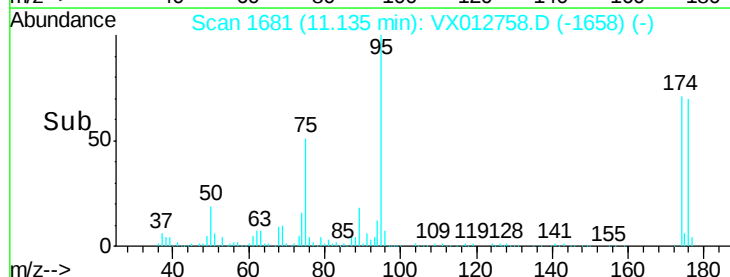
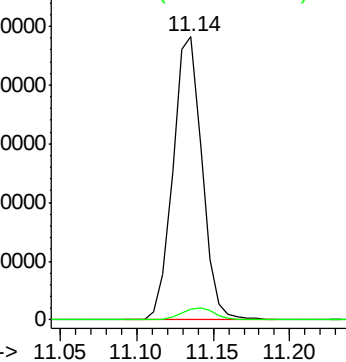
75 100

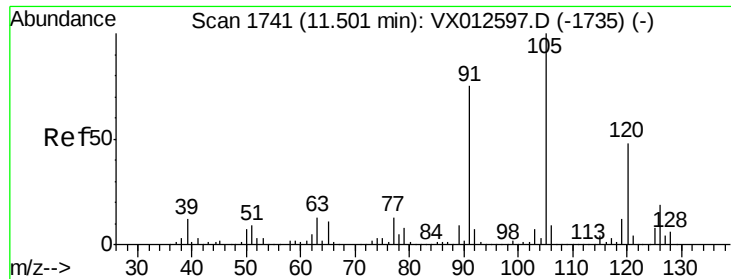
77 4.9 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.930 ug/l

RT: 11.67 min Scan# 1768

Delta R.T. 0.16 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

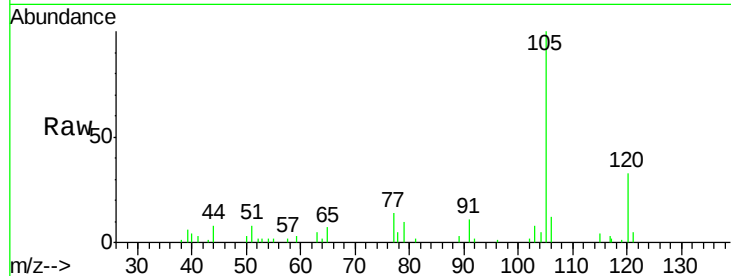
MW-1

Tot Ion:105 Resp: 6223

Ion Ratio Lower Upper

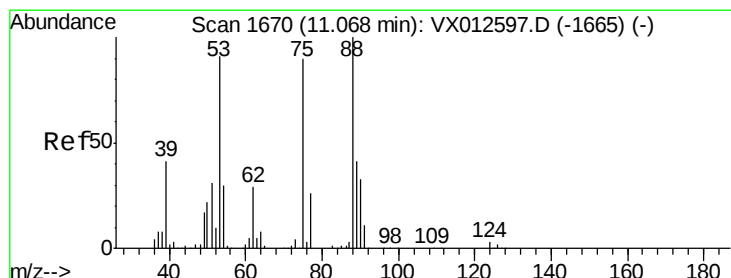
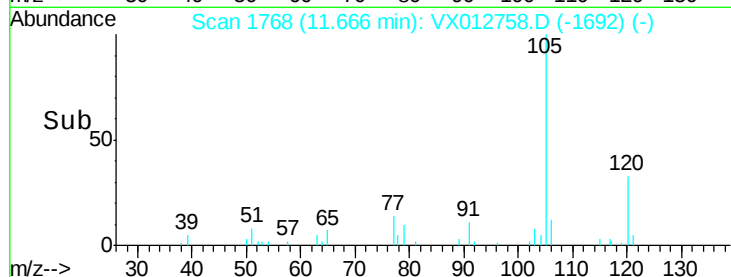
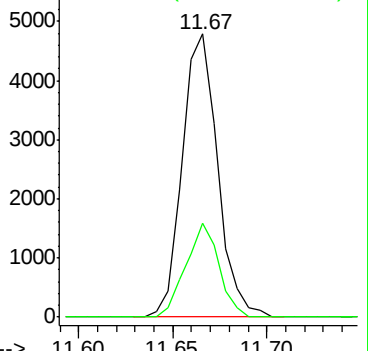
105 100

120 30.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.933 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

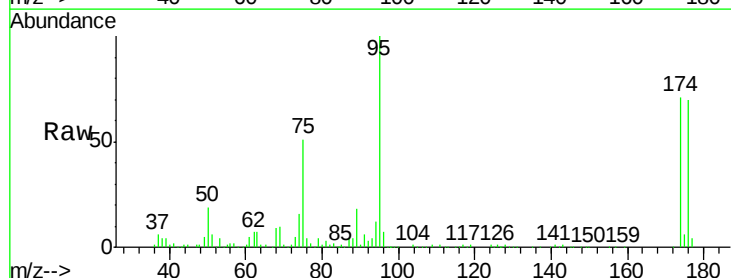
Tgt Ion: 75 Resp: 63273

Ion Ratio Lower Upper

75 100

53 10.4 83.6 125.4#

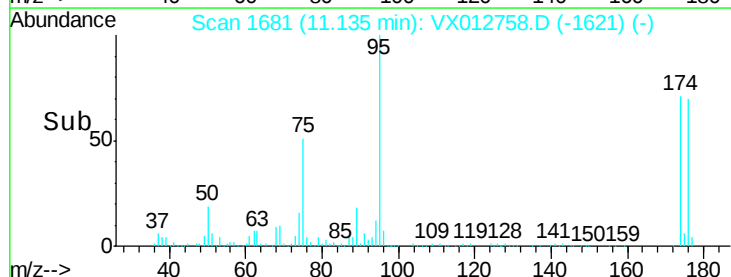
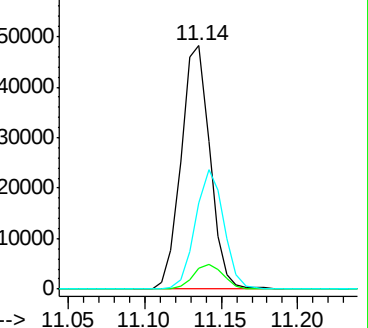
89 48.7 36.3 54.5

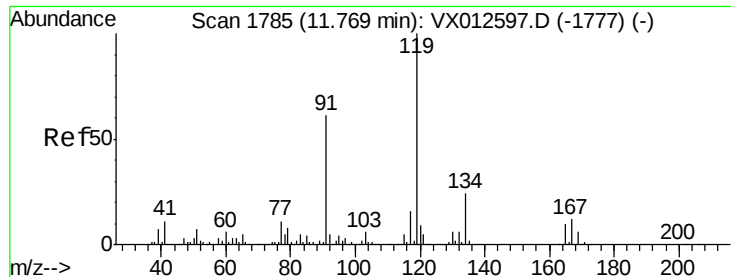


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

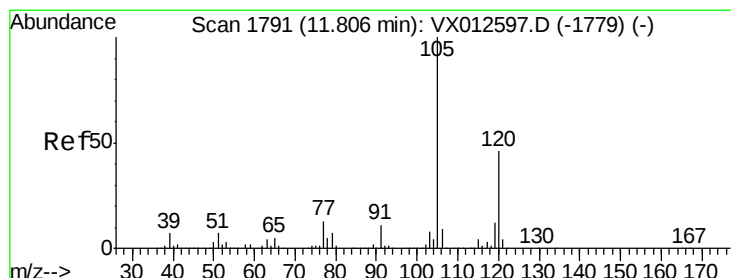
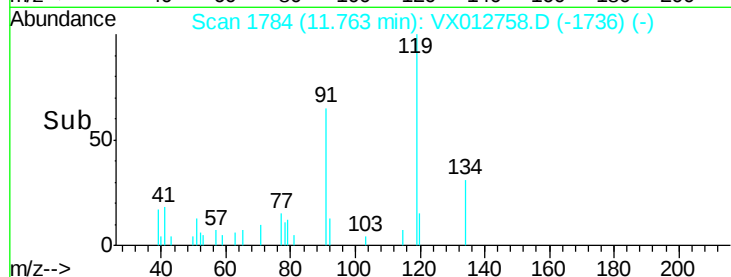
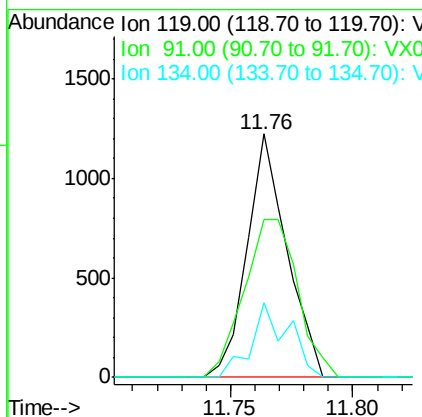
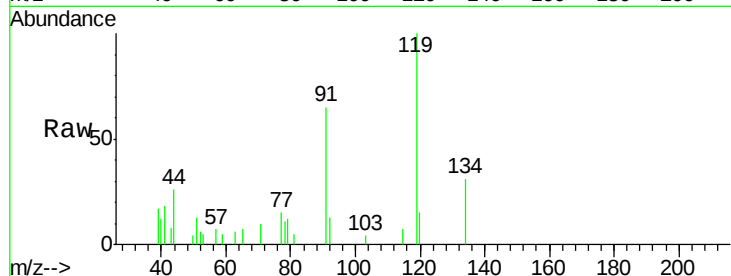




#83
 tert-Butylbenzene
 Concen: 0.216 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012758.D
 Acq: 02 Oct 2019 14:05

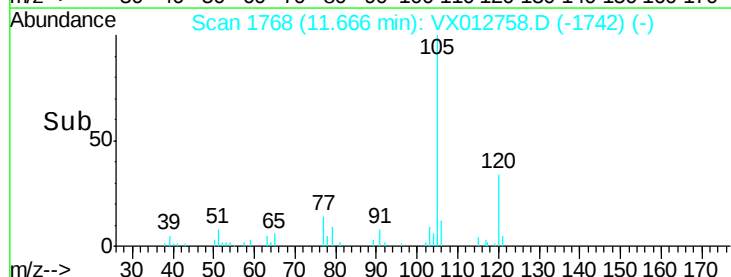
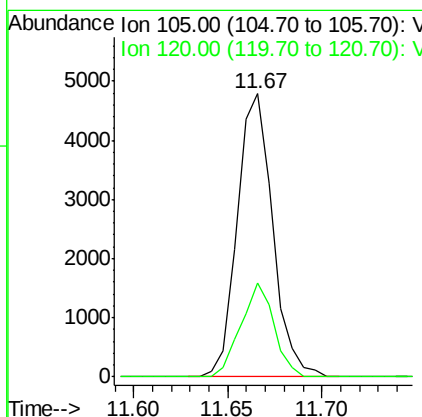
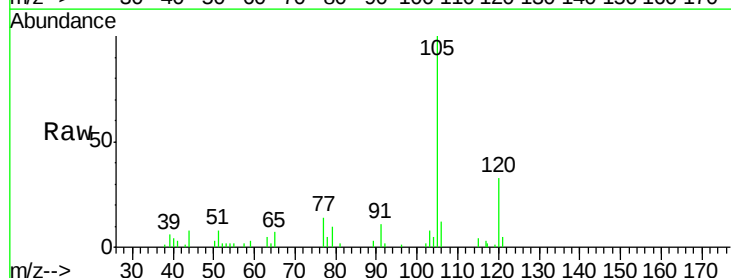
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

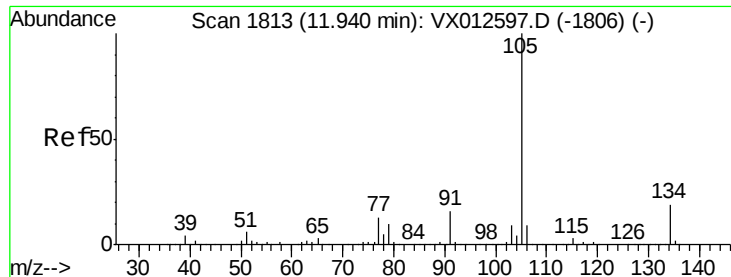
Tot Ion:119 Resp: 1393
 Ion Ratio Lower Upper
 119 100
 91 87.2 30.0 90.0
 134 29.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 0.921 ug/l
 RT: 11.67 min Scan# 1768
 Delta R.T. -0.14 min
 Lab File: VX012758.D
 Acq: 02 Oct 2019 14:05

Tgt Ion:105 Resp: 6223
 Ion Ratio Lower Upper
 105 100
 120 30.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.372 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

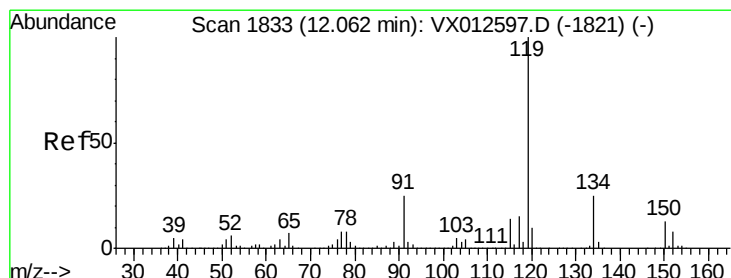
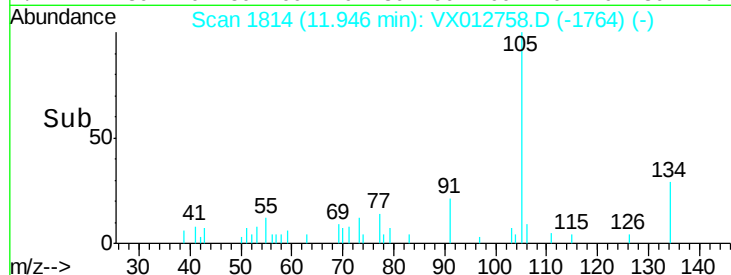
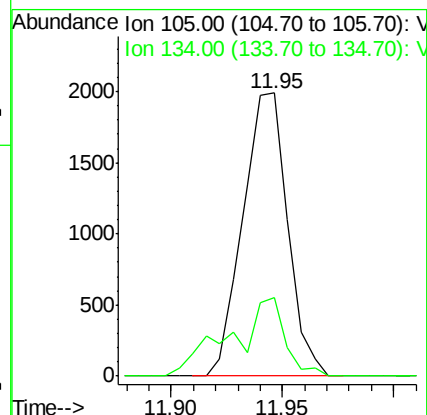
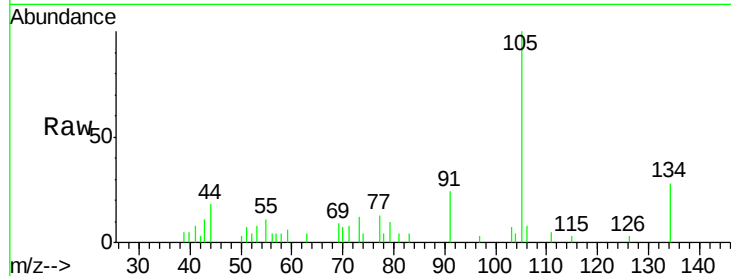
MW-1

Tot Ion:105 Resp: 2795

Ion Ratio Lower Upper

105 100

134 33.7 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 0.313 ug/l

RT: 12.23 min Scan# 1860

Delta R.T. 0.16 min

Lab File: VX012758.D

Acq: 02 Oct 2019 14:05

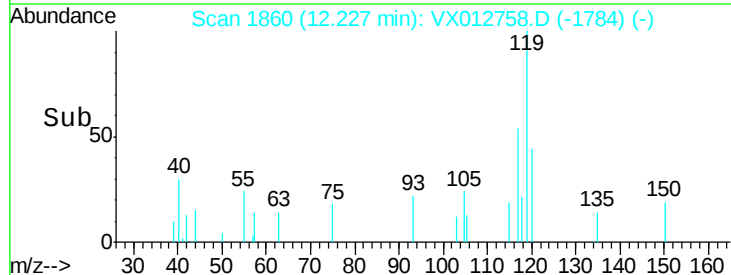
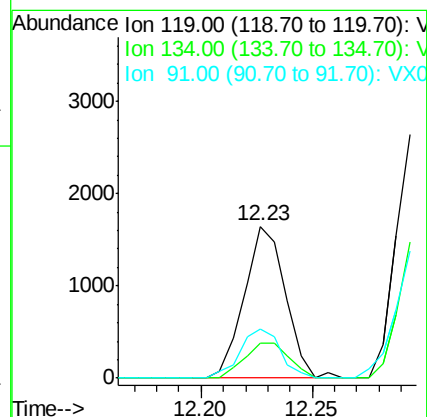
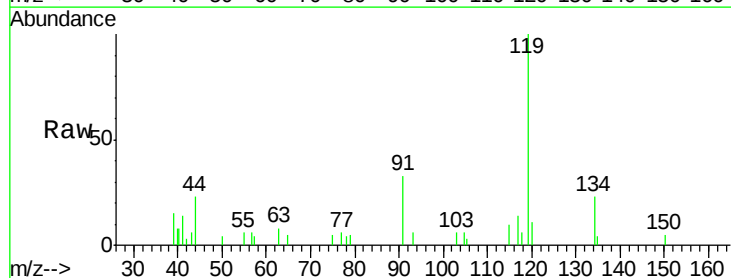
Tgt Ion:119 Resp: 2122

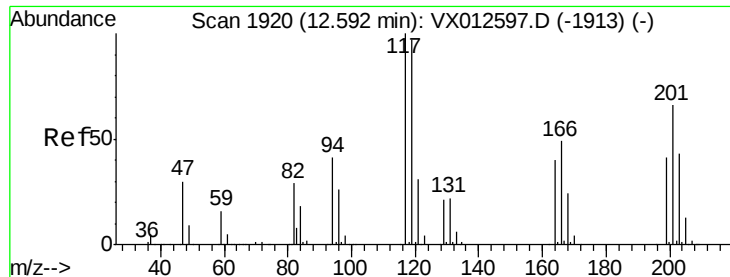
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 32.1 12.8 38.4

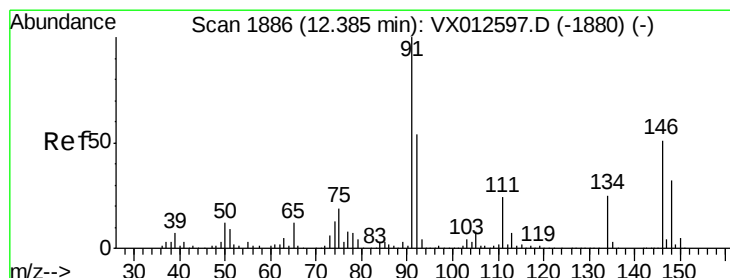
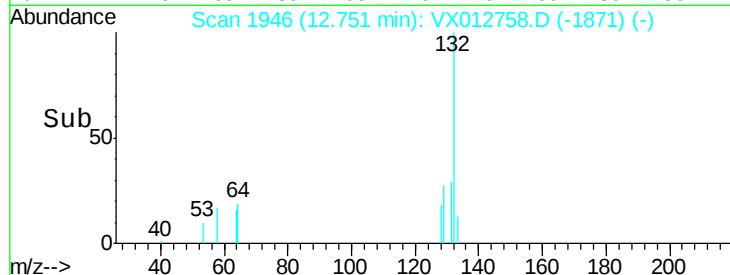
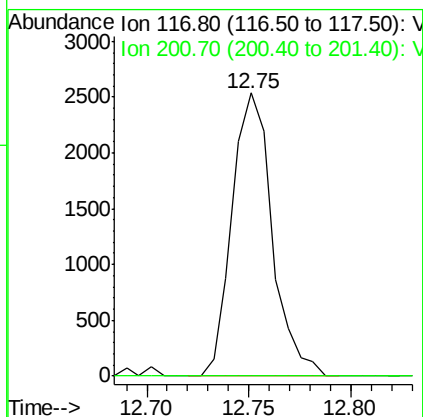
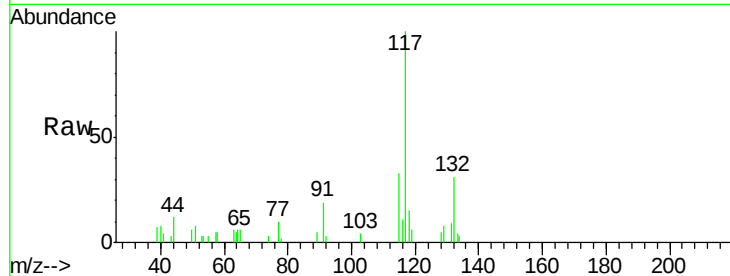




#90
Hexachloroethane
Concen: 2.859 ug/l
RT: 12.75 min Scan# 1946
Delta R.T. 0.16 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion:117 Resp: 3455
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#



#91
1,2-Dichlorobenzene
Concen: 0.353 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012758.D
Acq: 02 Oct 2019 14:05

Tgt Ion:146 Resp: 1148
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.1
148 53.3 31.3 93.9

