

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016523.D
 Acq On : 01 Jun 2020 13:05
 Operator : JC/SP
 Sample : L2802-04 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-200527

Quant Time: Jun 02 01:46:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	471142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	168502	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	5.46	113	138578	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	8.70	98	586321	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.12	95	236512	54.21	ug/l	0.00
Spiked Amount			Recovery	=	108.42%	

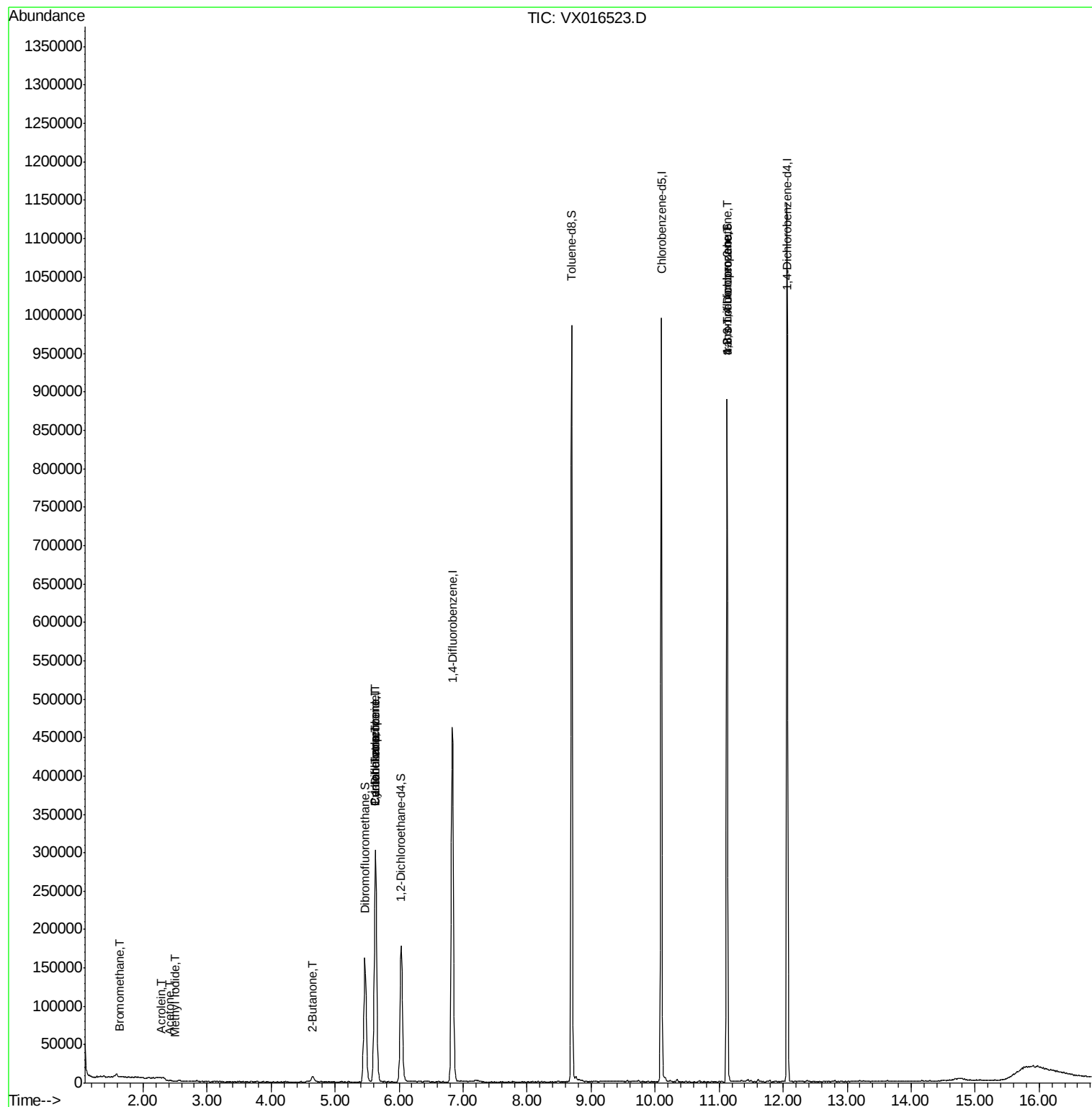
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	360	0.201	ug/l #	52
10) Methyl Iodide	2.51	142	121	3.091	ug/l #	40
13) Acrolein	2.27	56	440	1.109	ug/l #	34
16) Acetone	2.42	43	1338	0.840	ug/l #	80
25) 2-Butanone	4.64	43	826	0.306	ug/l #	49
31) Cyclohexane	5.63	56	5295	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	21517	4.824	ug/l #	52
38) Carbon Tetrachloride	5.63	117	28153	6.006	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	115334	21.898	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	115334	53.866	ug/l #	14

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

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Quant Time: Jun 02 01:46:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

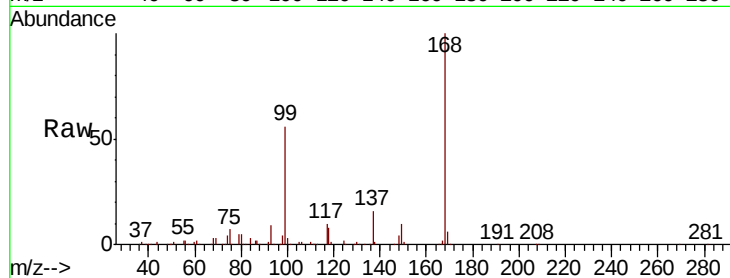
SS050MW513-200527

Tot Ion:168 Resp: 292778

Ion Ratio Lower Upper

168 100

99 56.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

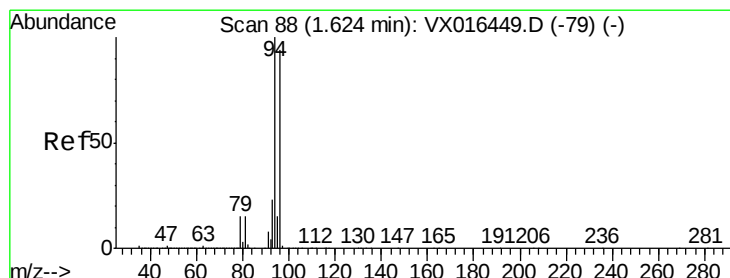
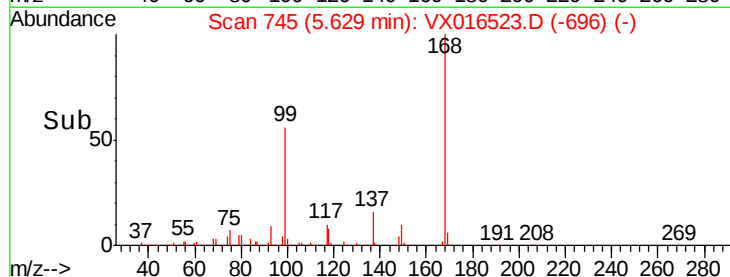
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.201 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016523.D

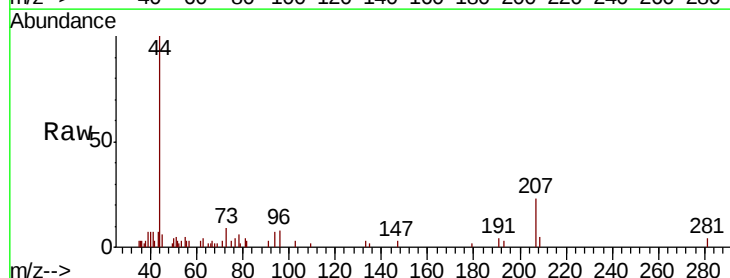
Acq: 01 Jun 2020 13:05

Tgt Ion: 94 Resp: 360

Ion Ratio Lower Upper

94 100

96 47.9 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

250

200

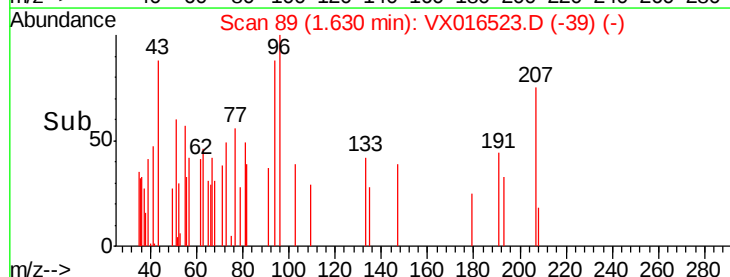
150

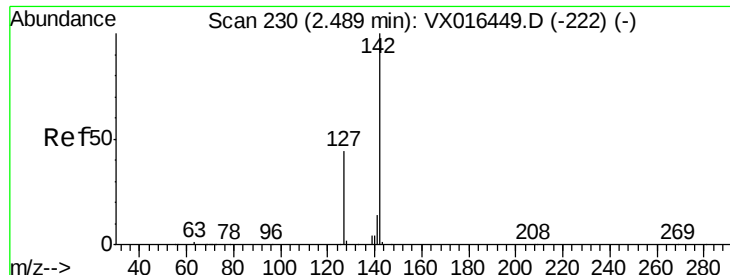
100

50

0

Time-->

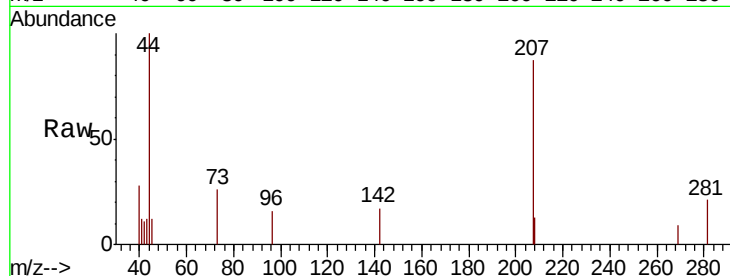




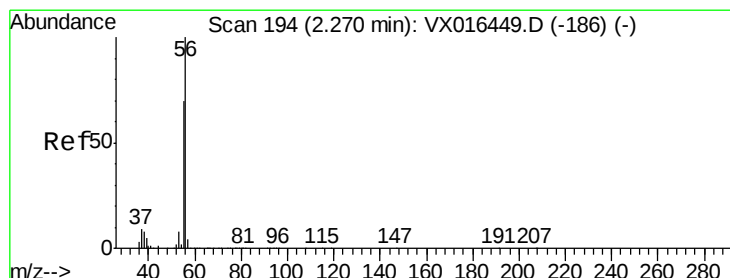
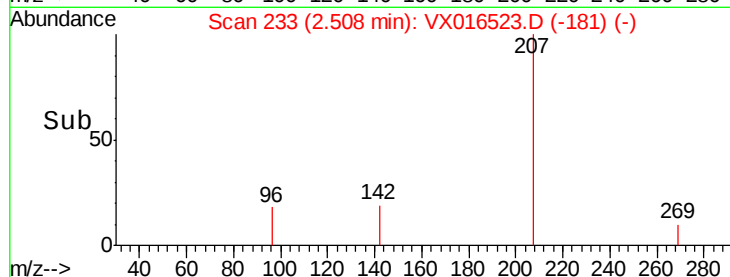
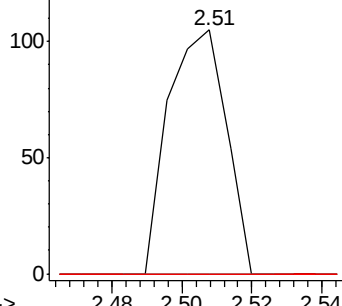
#10
Methvl Iodide
Concen: 3.091 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX016523.D
Acq: 01 Jun 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-200527

Tot Ion:142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#

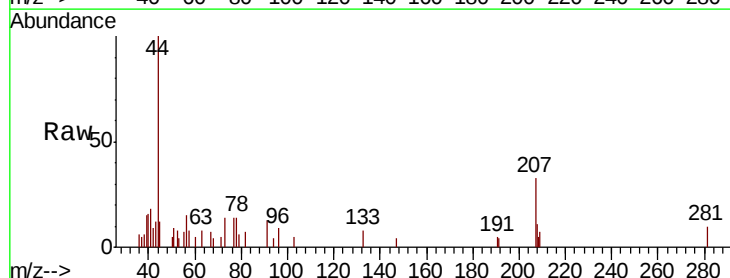


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

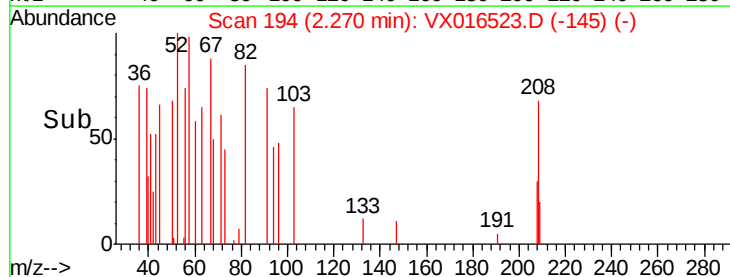
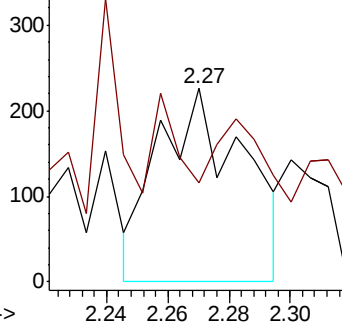


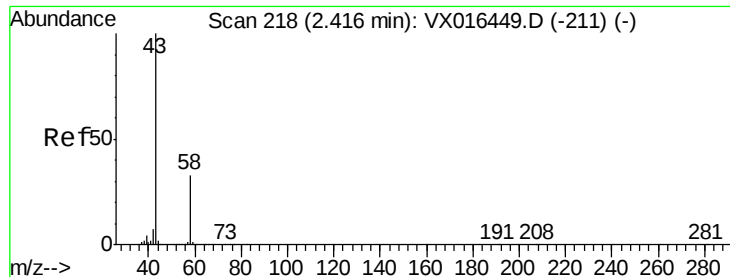
#13
Acrolein
Concen: 1.109 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016523.D
Acq: 01 Jun 2020 13:05

Tgt Ion: 56 Resp: 440
Ion Ratio Lower Upper
56 100
55 17.5 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.840 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

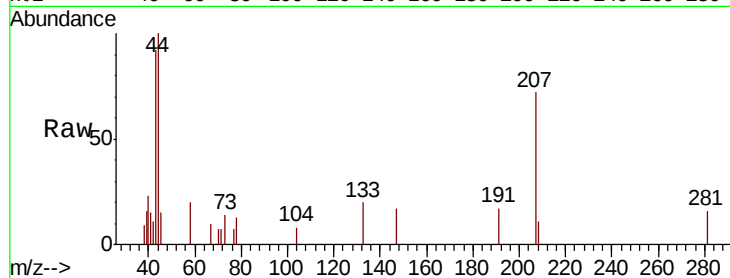
SS050MW513-200527

Tot Ion: 43 Resp: 1338

Ion Ratio Lower Upper

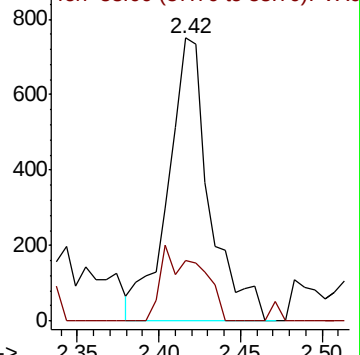
43 100

58 21.2 26.1 39.1#

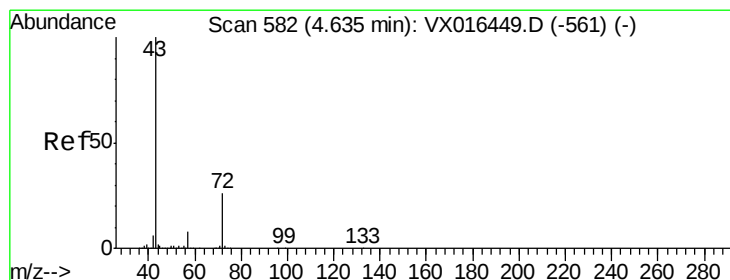
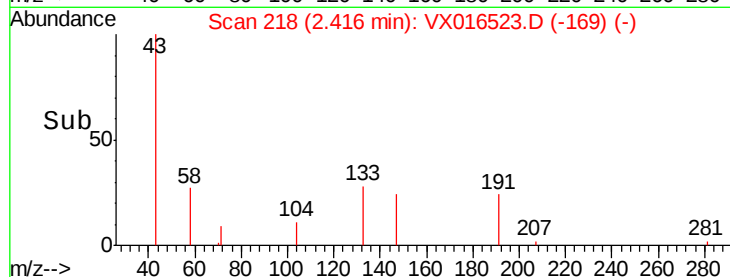


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#25

2-Butanone

Concen: 0.306 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016523.D

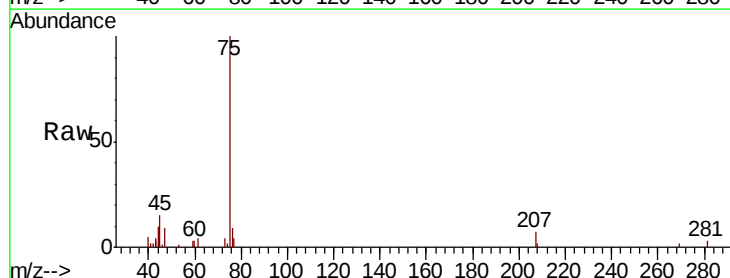
Acq: 01 Jun 2020 13:05

Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

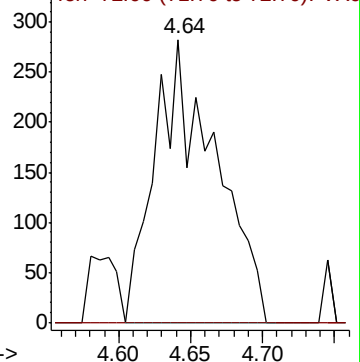
43 100

72 0.0 21.0 31.6#

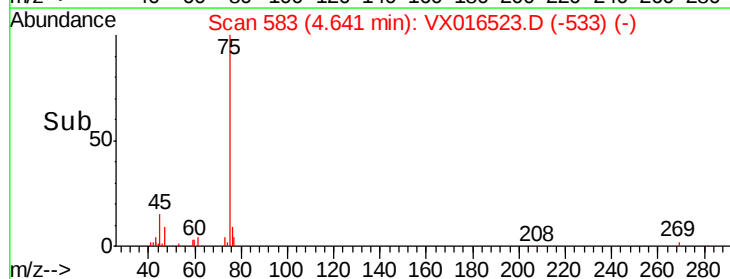


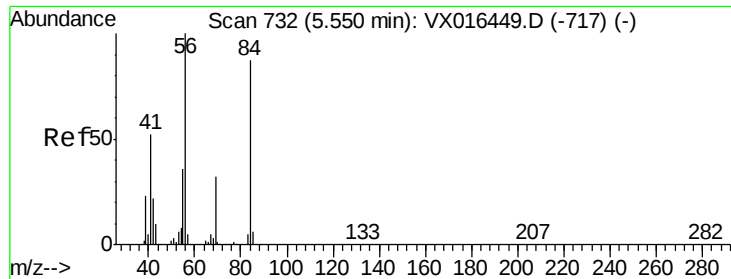
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->

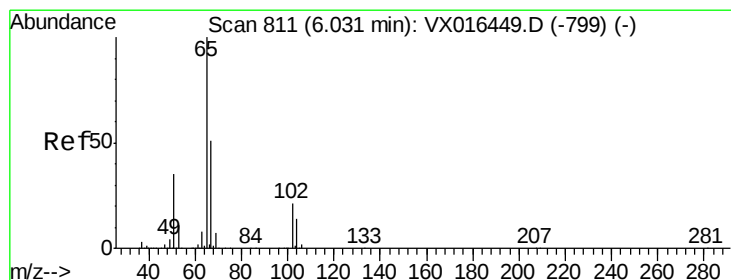
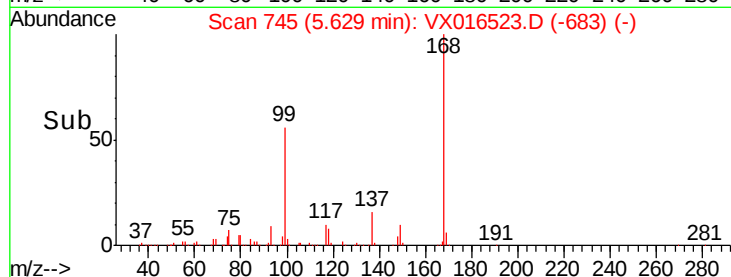
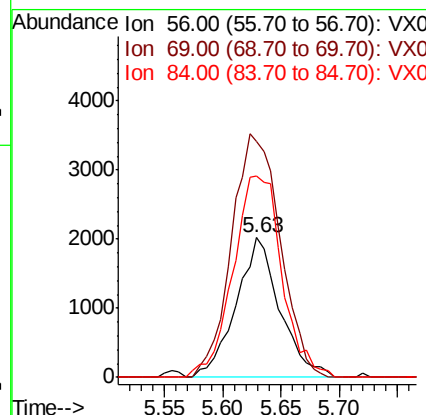
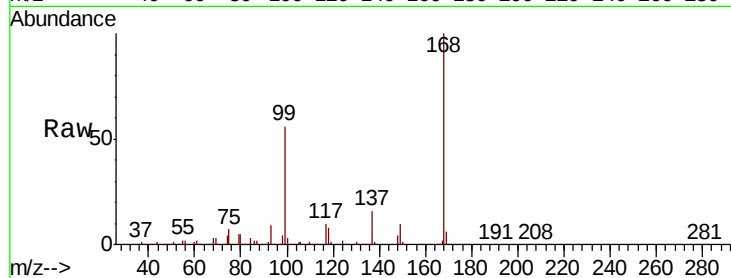




#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016523.D
Acq: 01 Jun 2020 13:05

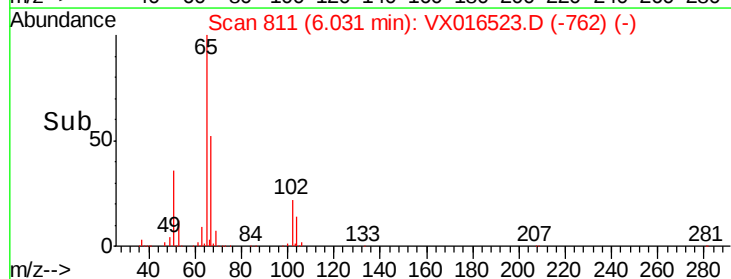
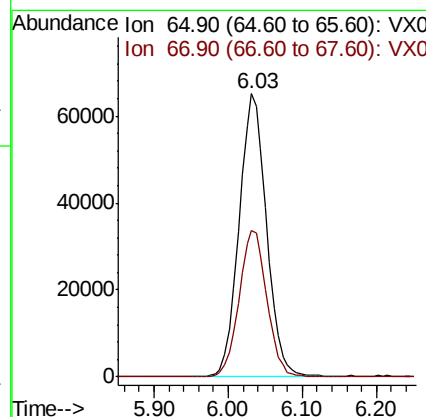
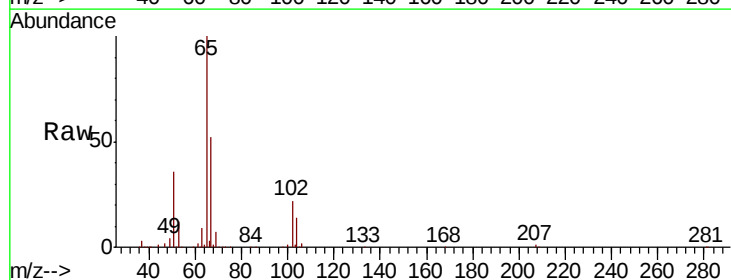
Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-200527

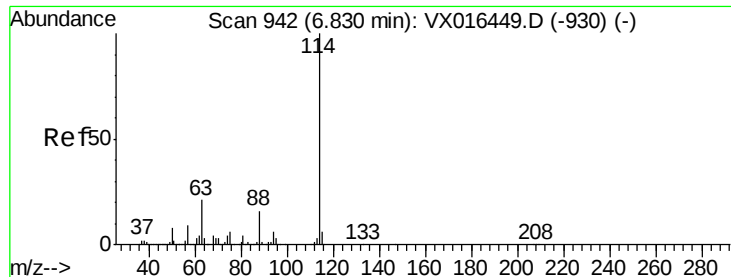
Tot Ion: 56 Resp: 5295
Ion Ratio Lower Upper
56 100
69 168.6 25.7 38.5#
84 143.9 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 46.344 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016523.D
Acq: 01 Jun 2020 13:05

Tgt Ion: 65 Resp: 168502
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-200527

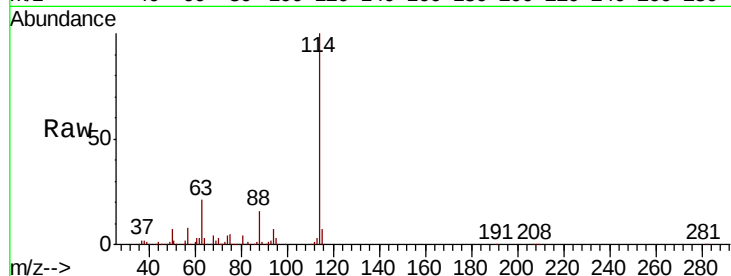
Tot Ion:114 Resp: 471142

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

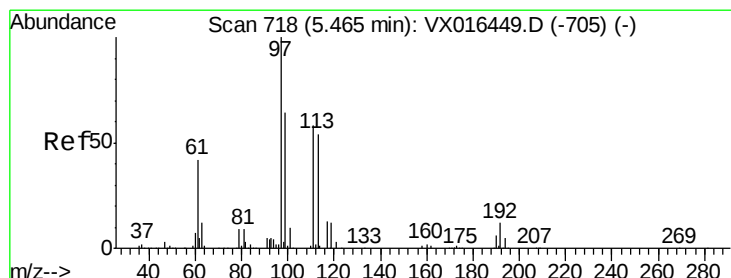
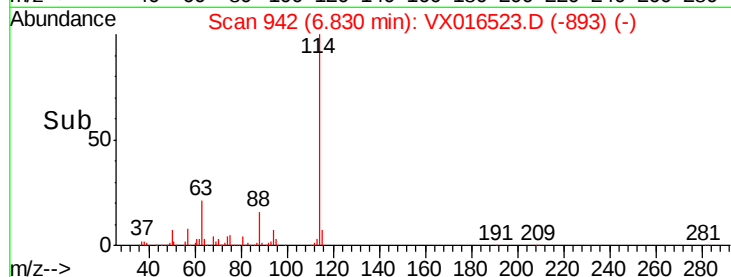
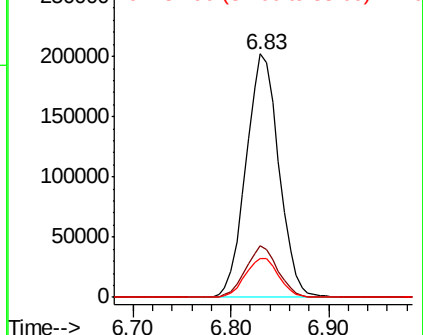
88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.769 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

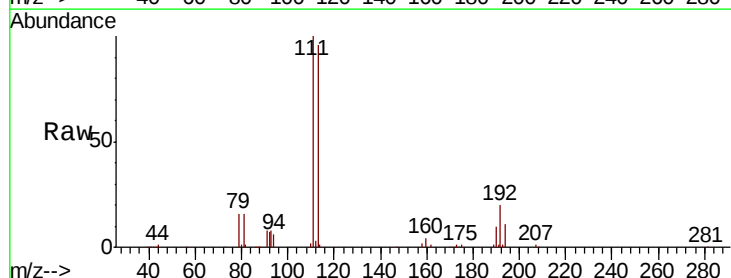
Tgt Ion:113 Resp: 138578

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

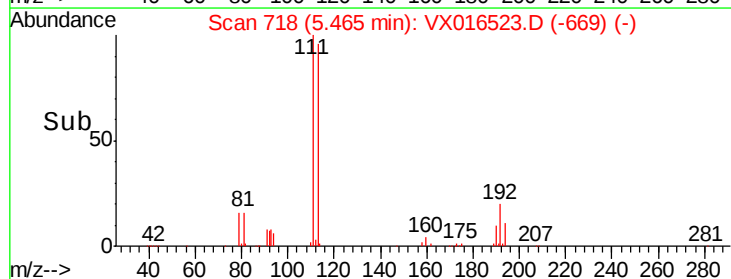
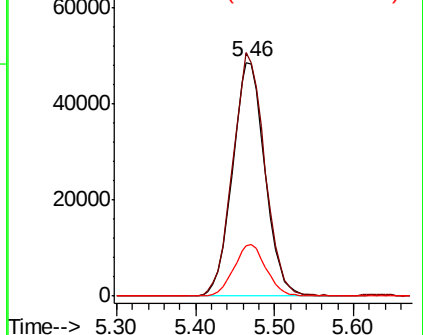
192 22.0 17.7 26.5

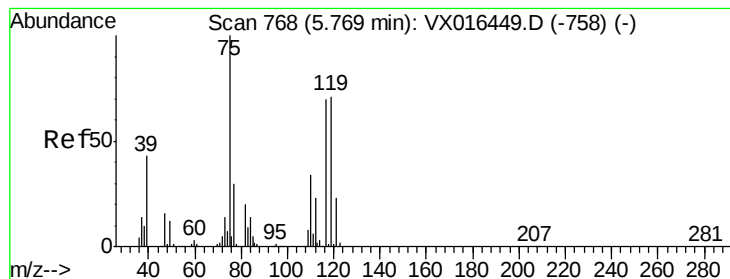


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.824 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Instrument :

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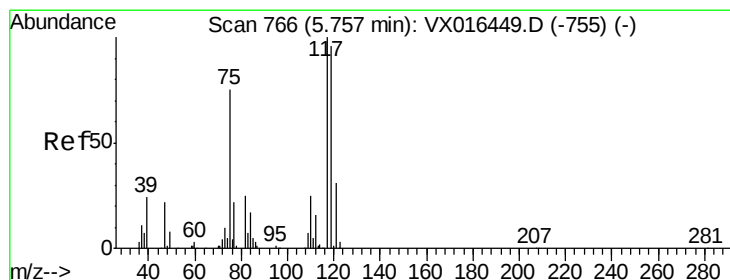
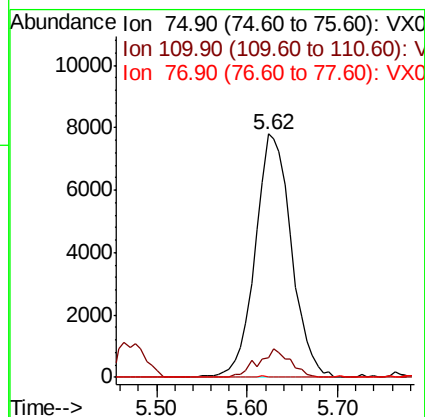
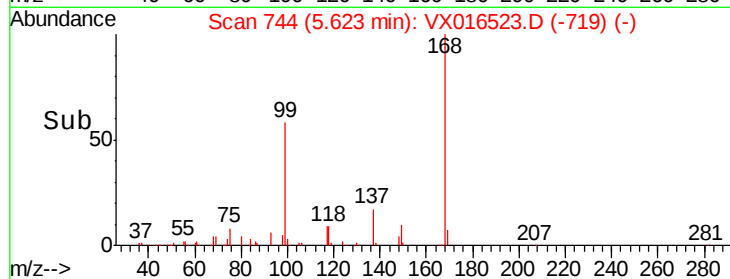
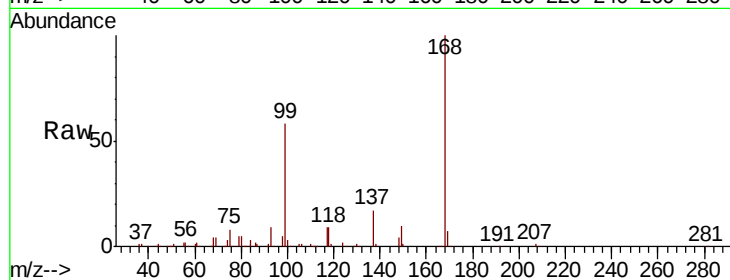
Tot Ion: 75 Resp: 21517

Ion Ratio Lower Upper

75 100

110 10.4 17.4 52.3#

77 0.1 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

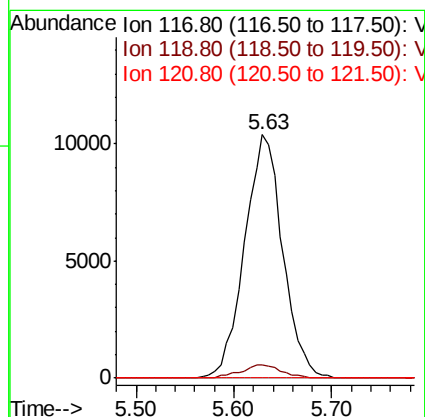
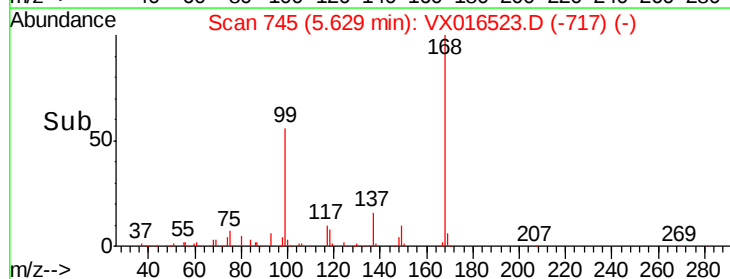
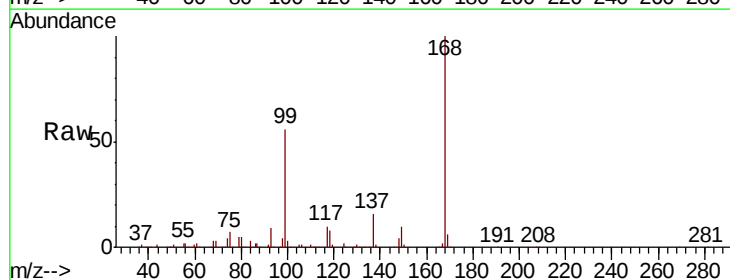
Tgt Ion: 117 Resp: 28153

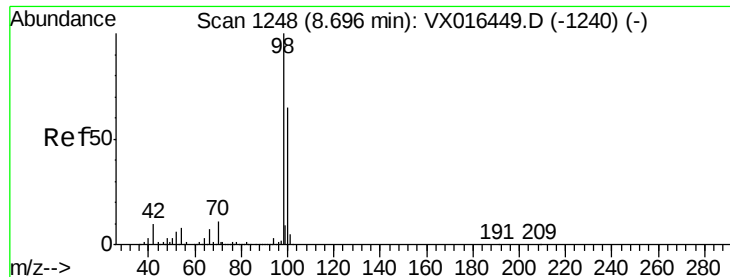
Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 51.926 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

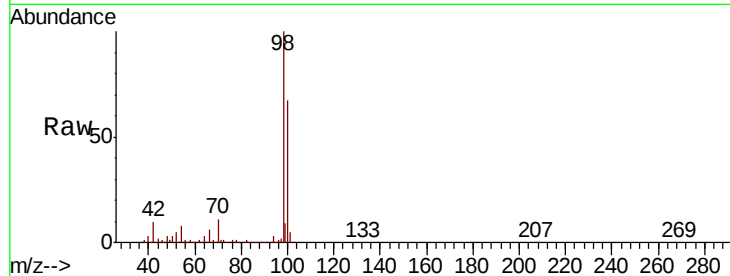
SS050MW513-200527

Tot Ion: 98 Resp: 586321

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

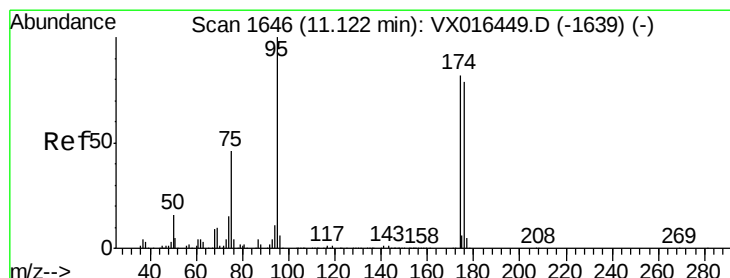
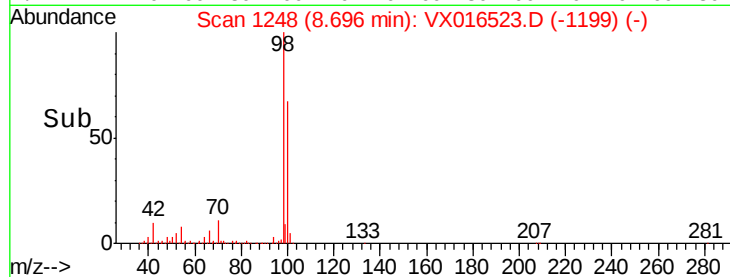
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.209 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

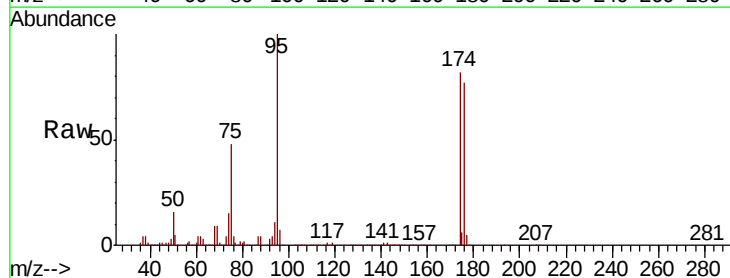
Tgt Ion: 95 Resp: 236512

Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.0

176 78.6 0.0 156.8



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

11.12

250000

200000

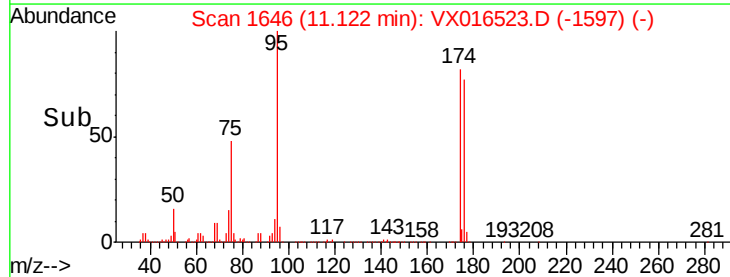
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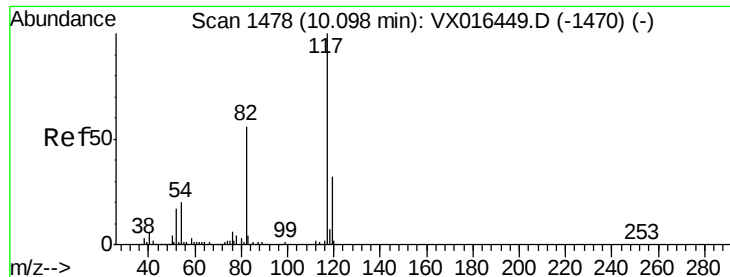
100000

50000

0

Time-->

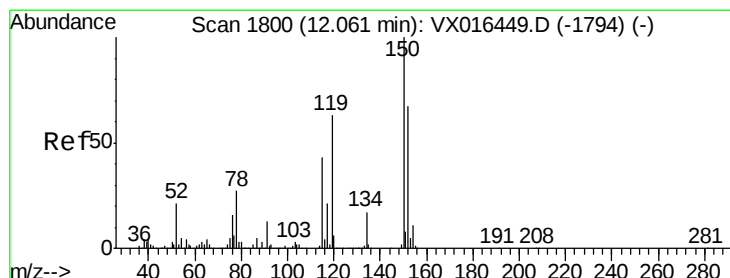
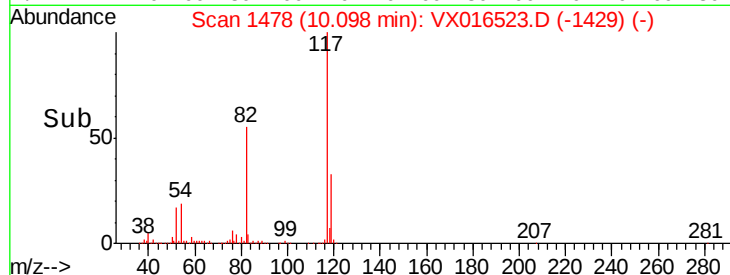
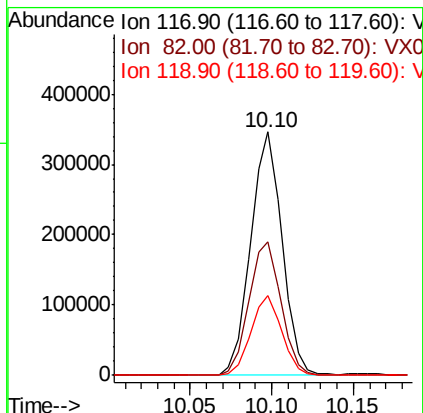
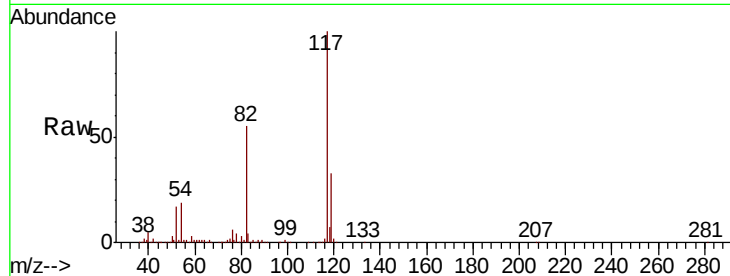




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016523.D
Acq: 01 Jun 2020 13:05

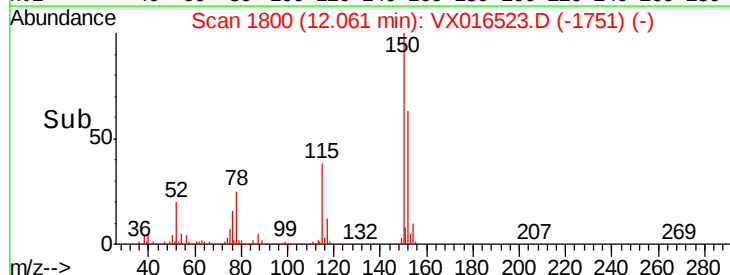
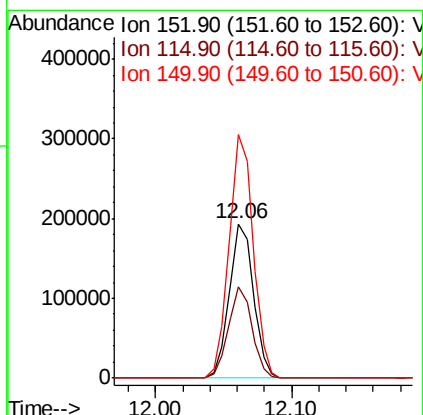
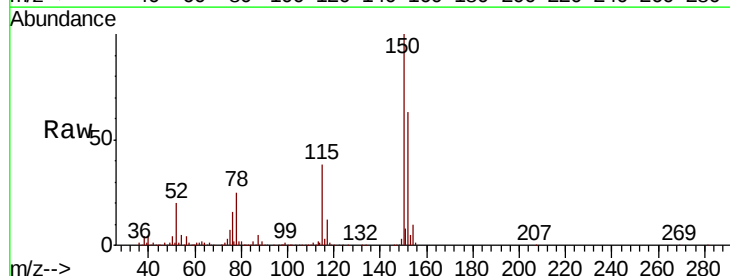
Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-200527

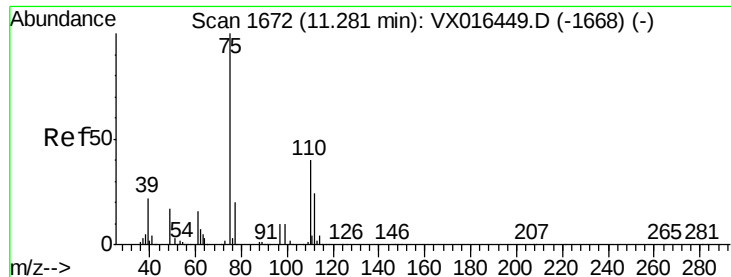
Tot Ion:117 Resp: 465256
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016523.D
Acq: 01 Jun 2020 13:05

Tgt Ion:152 Resp: 239615
Ion Ratio Lower Upper
152 100
115 58.1 39.9 119.6
150 157.2 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 21.898 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

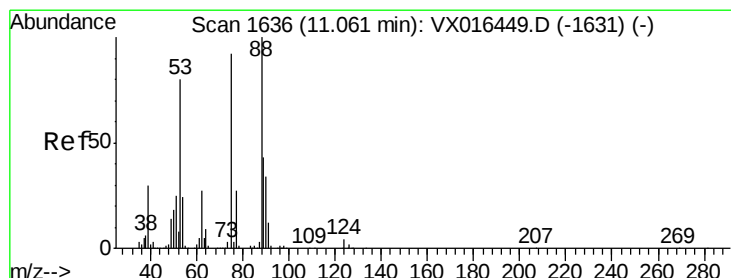
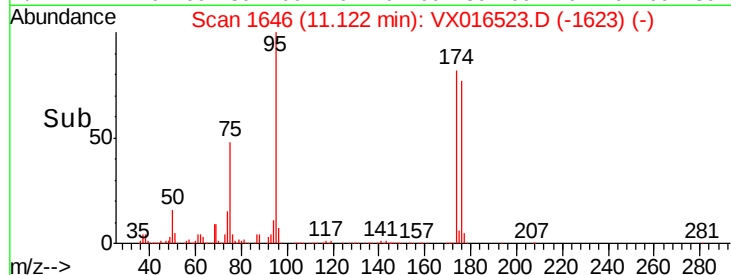
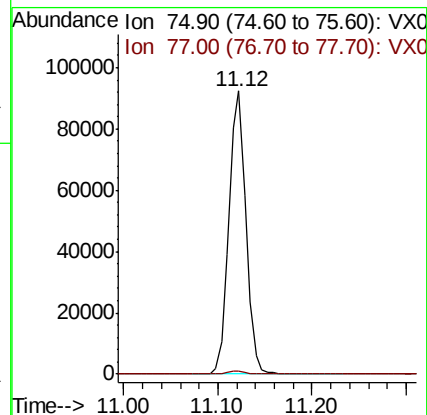
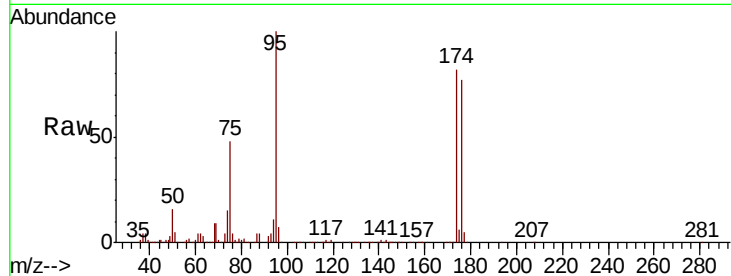
SS050MW513-200527

Tot Ion: 75 Resp: 115334

Ion Ratio Lower Upper

75 100

77 1.3 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.866 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016523.D

Acq: 01 Jun 2020 13:05

Tgt Ion: 75 Resp: 115334

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#

