

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016660.D
 Acq On : 09 Jun 2020 13:46
 Operator : JC/SP
 Sample : L2949-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 10 04:14:51 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	5.64	168	228769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188625	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	134591	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	5.46	113	109720	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.70	98	447431	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.12	95	179721	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	

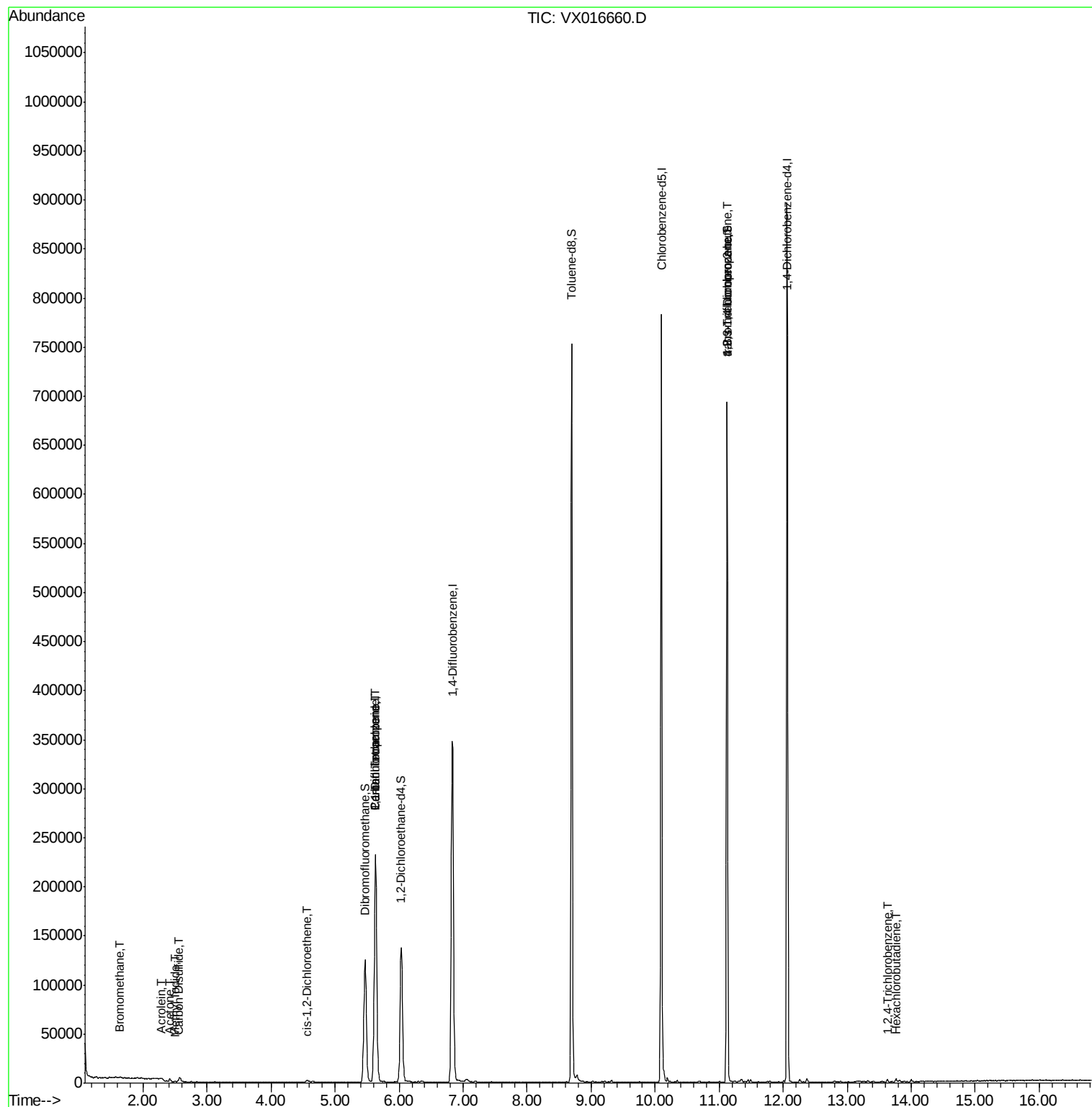
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	429	0.307	ug/l	93
10) Methyl Iodide	2.50	142	379	3.199	ug/l #	46
13) Acrolein	2.28	56	399	1.287	ug/l #	60
16) Acetone	2.42	43	3002	2.412	ug/l	95
17) Carbon Disulfide	2.55	76	1533	0.235	ug/l #	91
27) cis-1,2-Dichloroethene	4.57	96	1498	0.532	ug/l	84
36) 1,1-Dichloropropene	5.63	75	15569	4.494	ug/l #	51
38) Carbon Tetrachloride	5.63	117	21323	5.857	ug/l #	15
76) 1,2,3-Trichloropropane	11.12	75	87427	21.087	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	87427	51.870	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.63	180	985	0.258	ug/l	89
94) Hexachlorobutadiene	13.77	225	619	0.413	ug/l	85

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

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Quant Time: Jun 10 04:14:51 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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

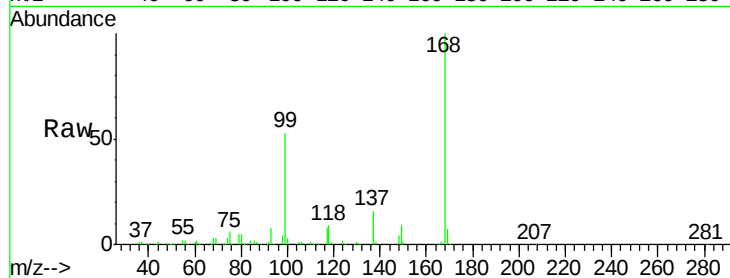
MW-1

Tot Ion:168 Resp: 228769

Ion Ratio Lower Upper

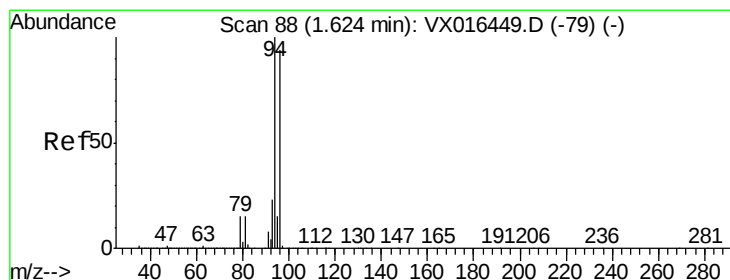
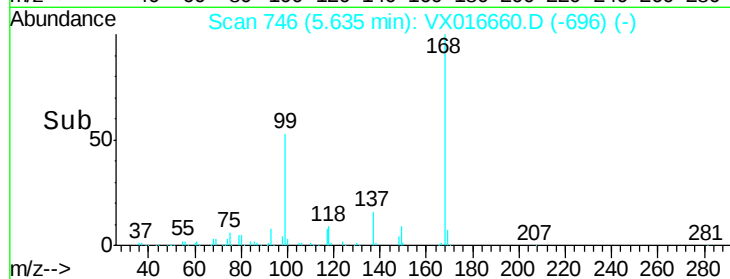
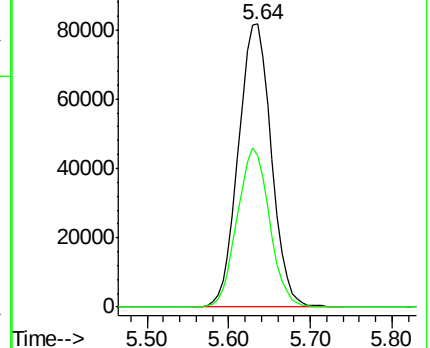
168 100

99 53.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.307 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016660.D

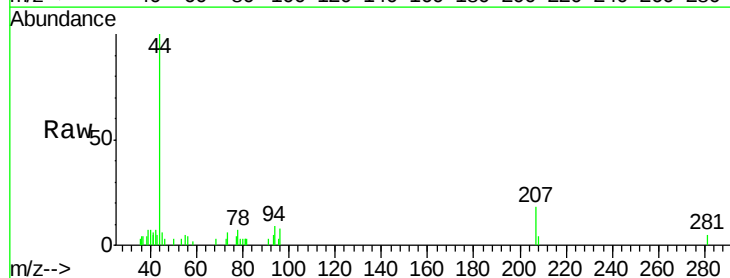
Acq: 09 Jun 2020 13:46

Tgt Ion: 94 Resp: 429

Ion Ratio Lower Upper

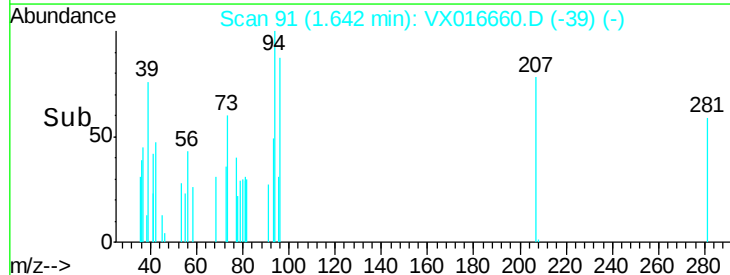
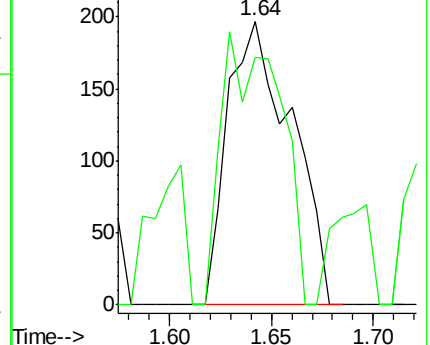
94 100

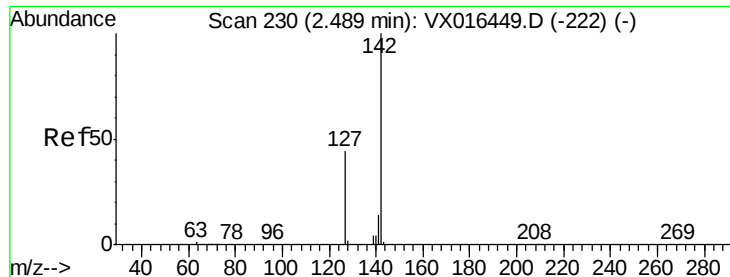
96 87.3 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

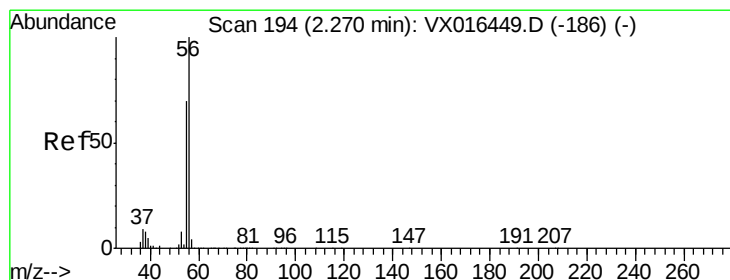
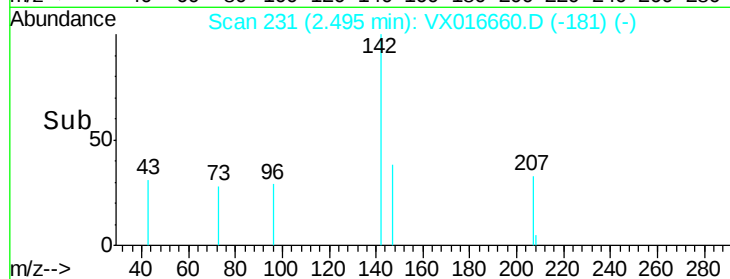
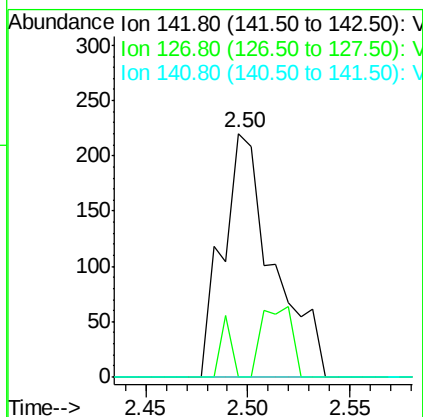
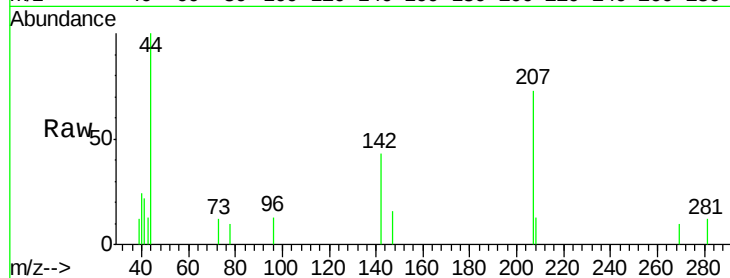




#10
Methvl Iodide
Concen: 3.199 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016660.D
Acq: 09 Jun 2020 13:46

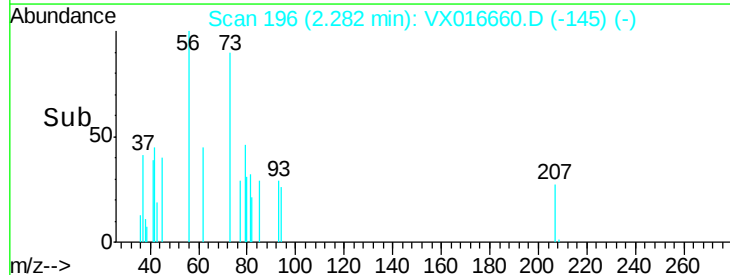
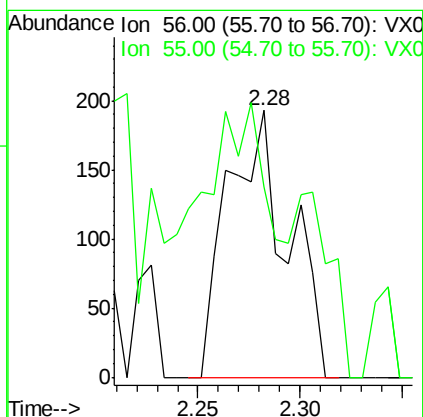
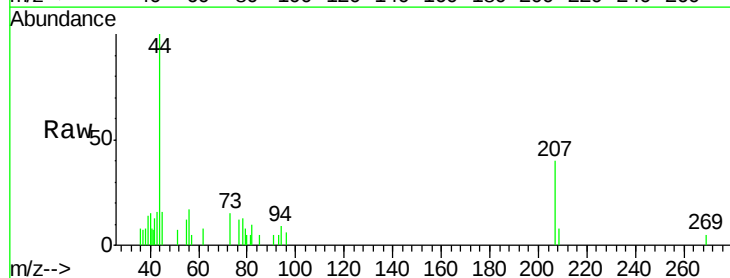
Instrument :
MSVOA_X
ClientSampleId :
MW-1

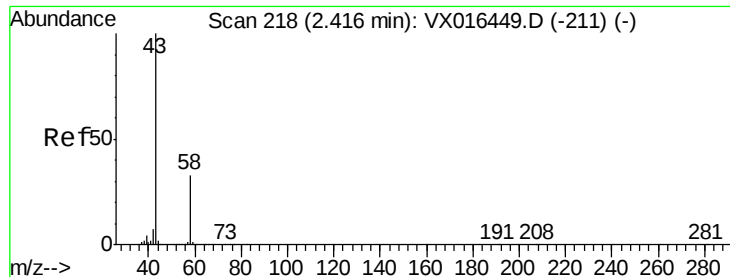
Tot Ion:142 Resp: 379
Ion Ratio Lower Upper
142 100
127 5.3 35.3 52.9#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 1.287 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016660.D
Acq: 09 Jun 2020 13:46

Tgt Ion: 56 Resp: 399
Ion Ratio Lower Upper
56 100
55 39.6 58.3 87.5#





#16

Acetone

Concen: 2.412 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

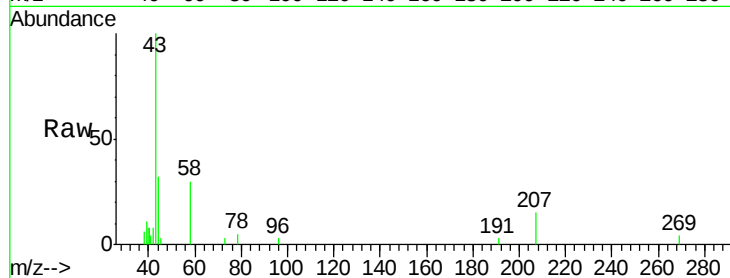
MW-1

Tot Ion: 43 Resp: 3002

Ion Ratio Lower Upper

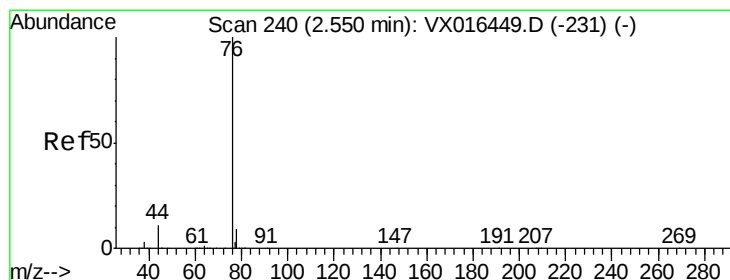
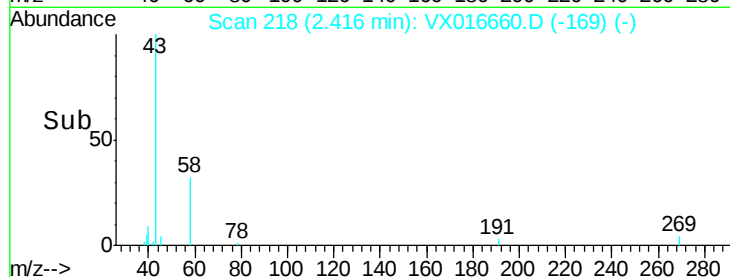
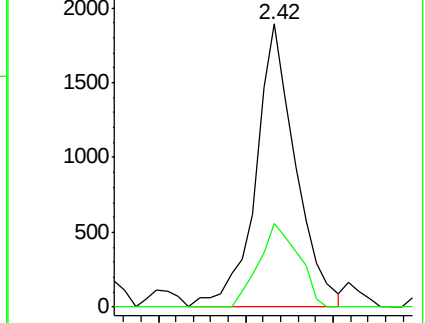
43 100

58 29.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016660.D

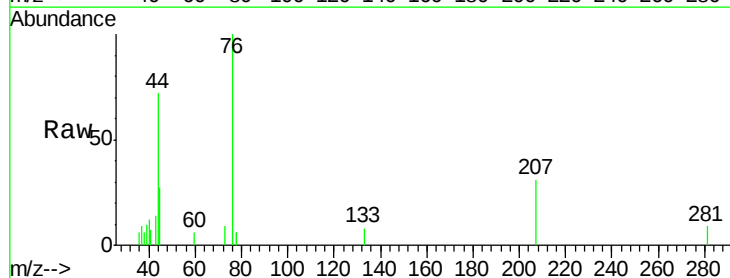
Acq: 09 Jun 2020 13:46

Tgt Ion: 76 Resp: 1533

Ion Ratio Lower Upper

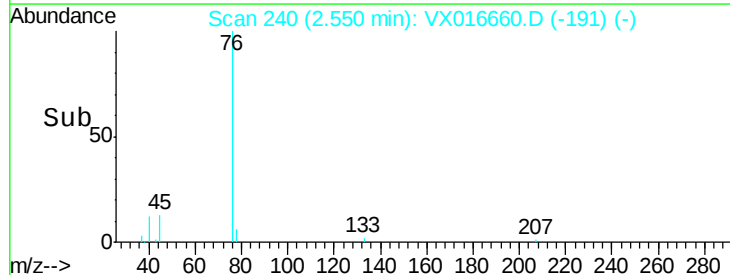
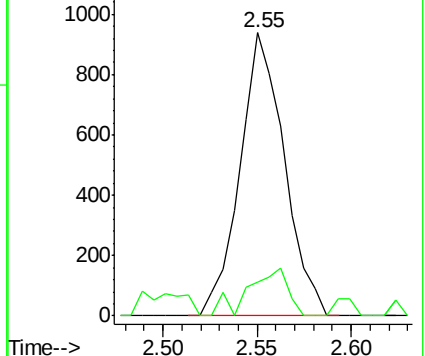
76 100

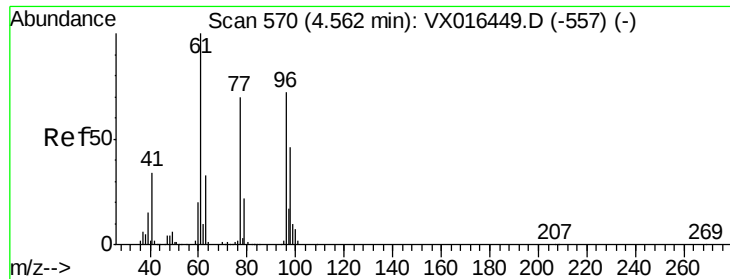
78 6.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



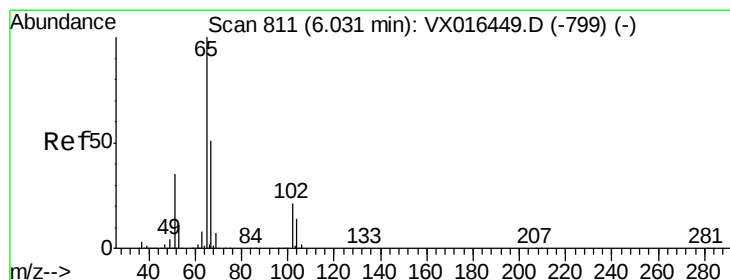
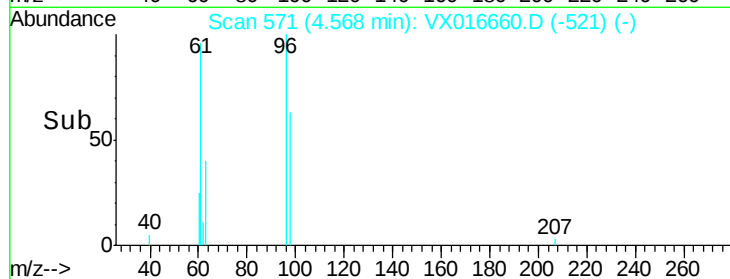
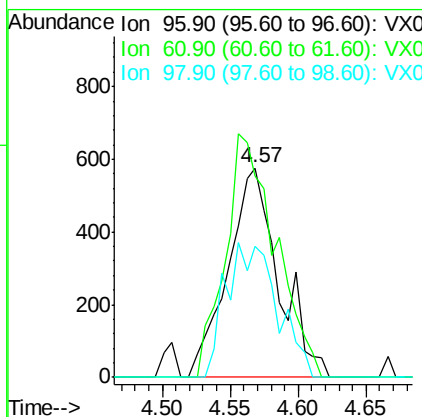
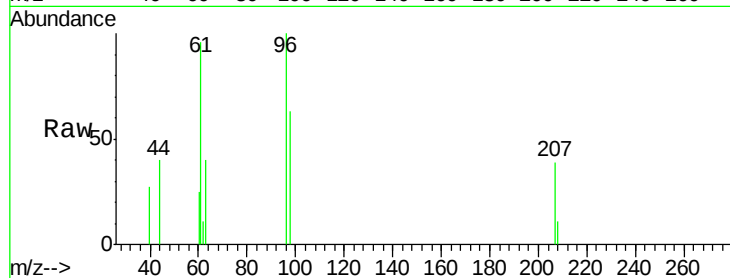


#27

cis-1,2-Dichloroethene
 Concen: 0.532 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016660.D
 Acq: 09 Jun 2020 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

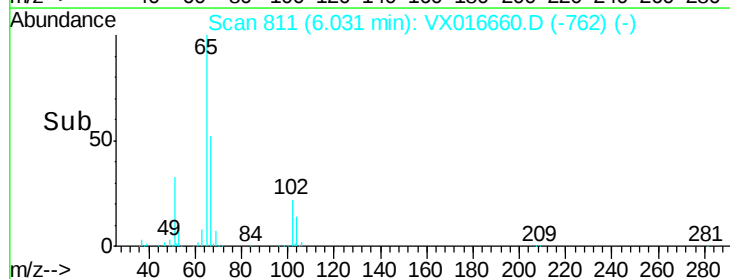
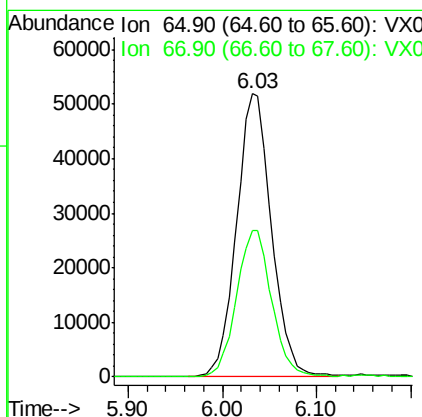
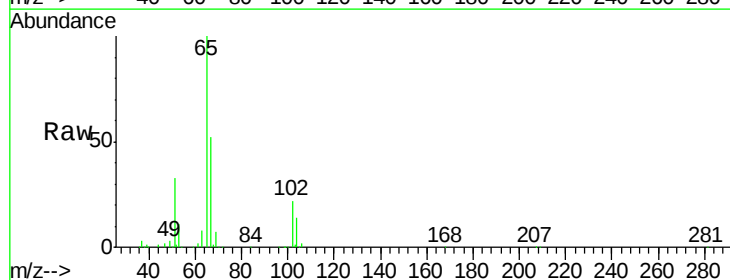
Tot Ion: 96 Resp: 1498
 Ion Ratio Lower Upper
 96 100
 61 115.0 0.0 284.6
 98 65.2 0.0 127.2

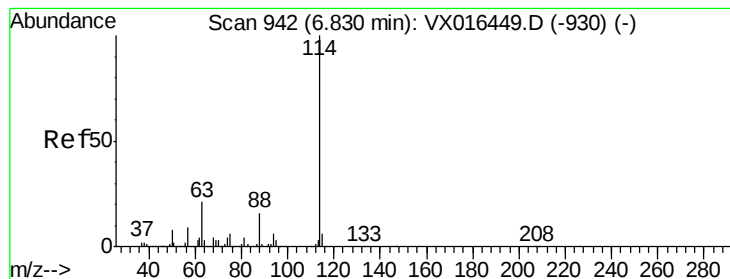


#33

1,2-Dichloroethane-d4
 Concen: 47.374 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016660.D
 Acq: 09 Jun 2020 13:46

Tgt Ion: 65 Resp: 134591
 Ion Ratio Lower Upper
 65 100
 67 51.9 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: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1

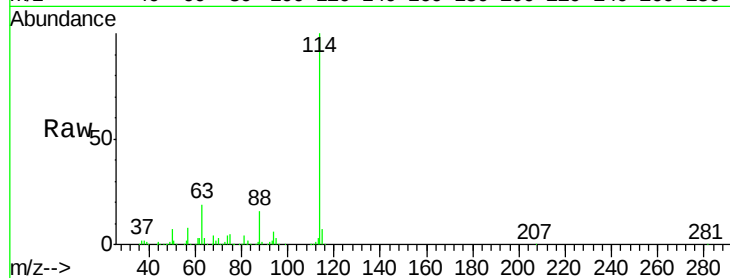
Tot Ion:114 Resp: 365875

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

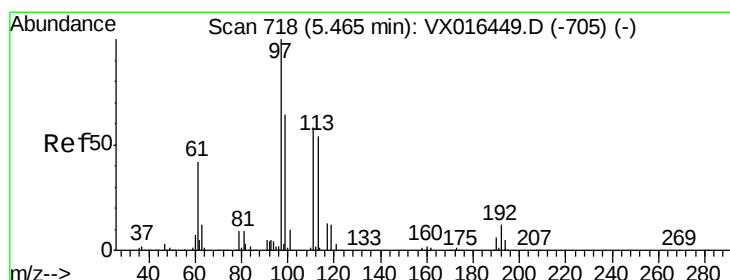
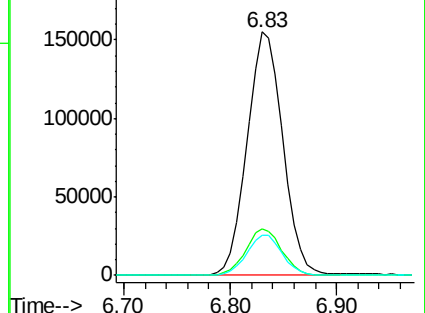
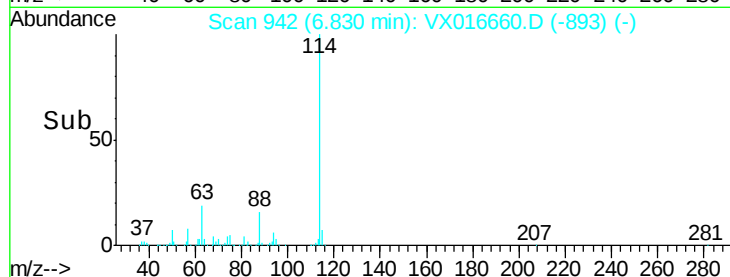
88 16.4 0.0 32.8



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: 48.703 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

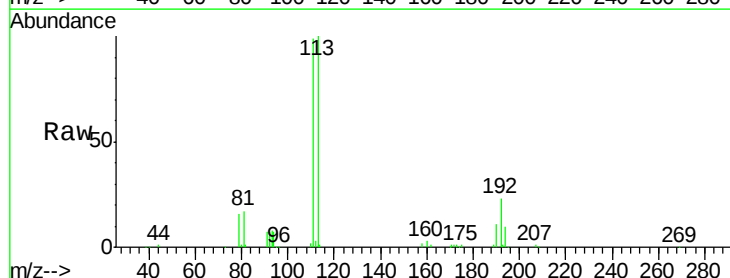
Tgt Ion:113 Resp: 109720

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

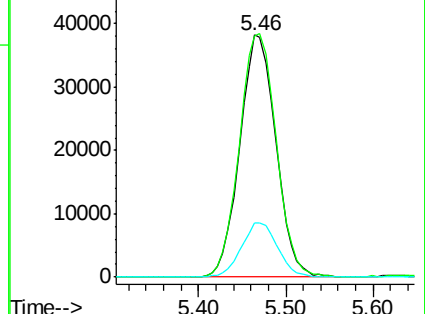
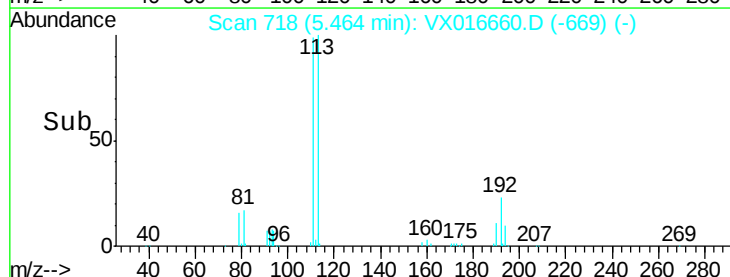
192 22.5 17.7 26.5

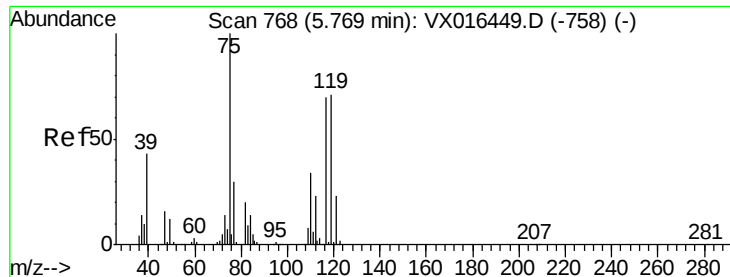


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.494 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1

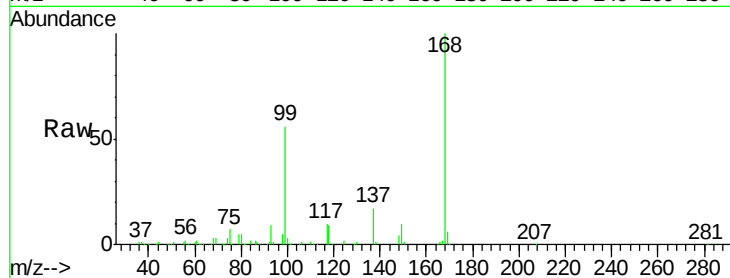
Tot Ion: 75 Resp: 15569

Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.3#

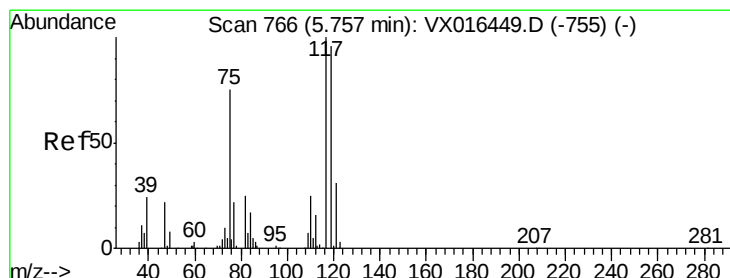
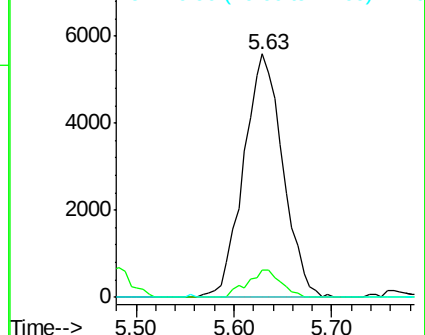
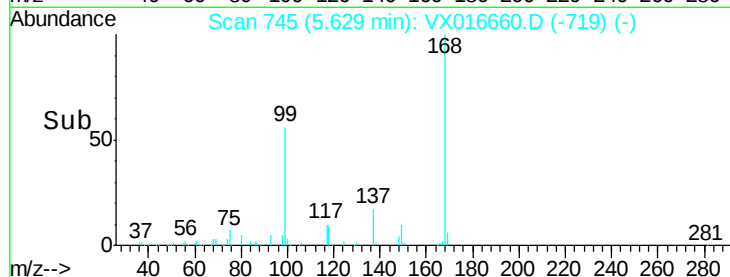
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX016660.D (-719) (-)

Ion 109.90 (109.60 to 110.60): VX016660.D (-719) (-)

Ion 76.90 (76.60 to 77.60): VX016660.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 5.857 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

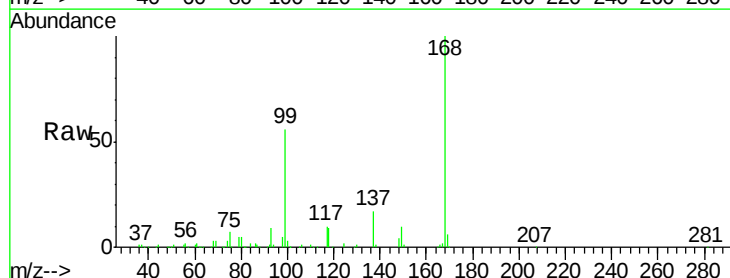
Tgt Ion: 117 Resp: 21323

Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

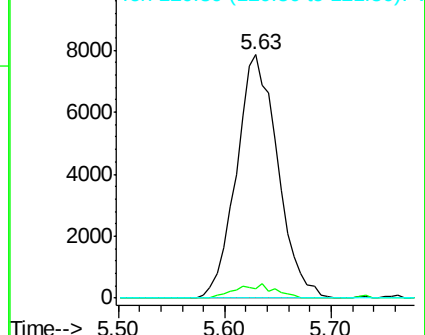
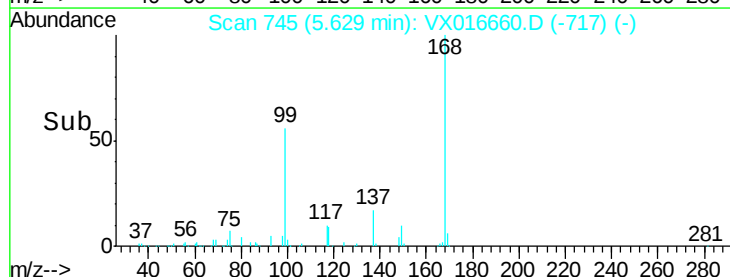
121 0.0 24.6 37.0#

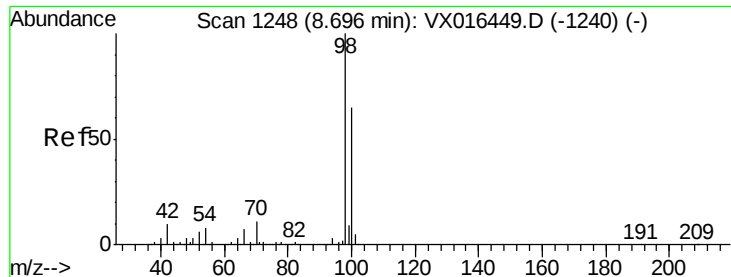


Abundance Ion 116.80 (116.50 to 117.50): VX016660.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016660.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016660.D (-717) (-)





#50

Toluene-d8

Concen: 51.026 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

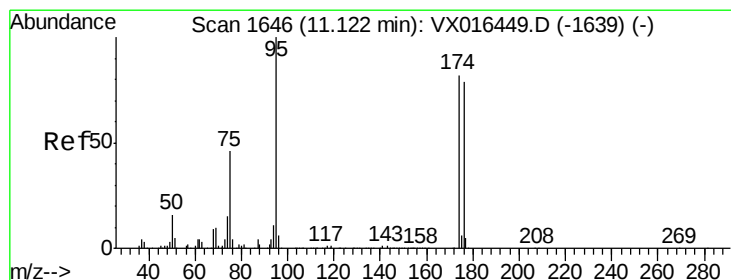
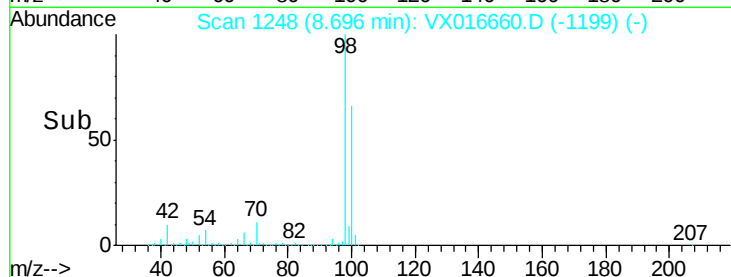
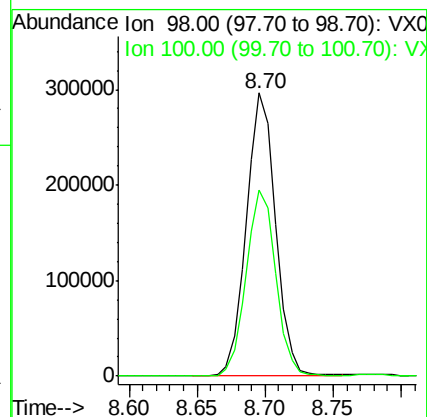
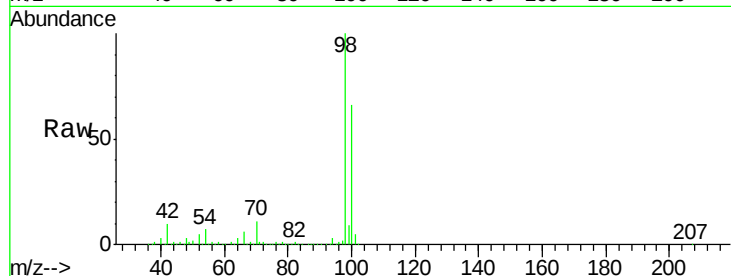
MW-1

Tot Ion: 98 Resp: 447431

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.044 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

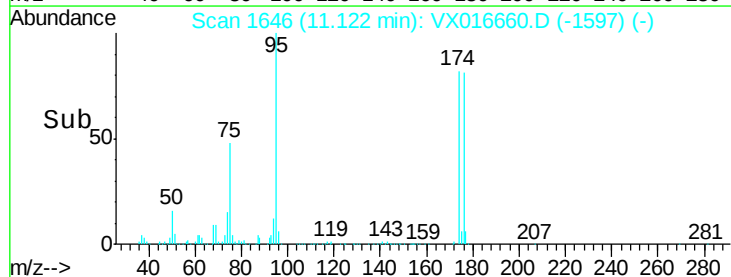
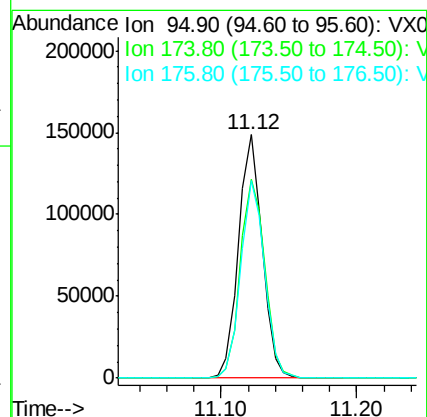
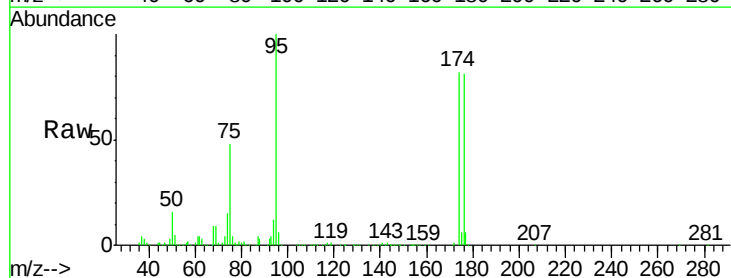
Tgt Ion: 95 Resp: 179721

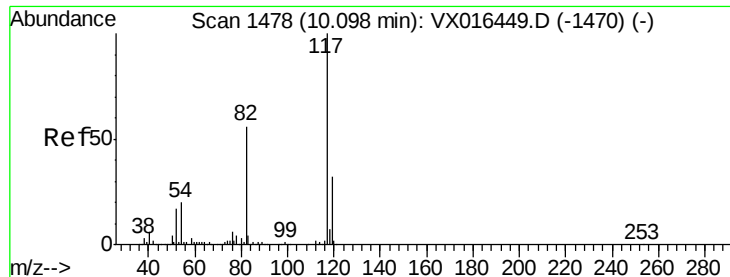
Ion Ratio Lower Upper

95 100

174 85.5 0.0 163.0

176 82.0 0.0 156.8

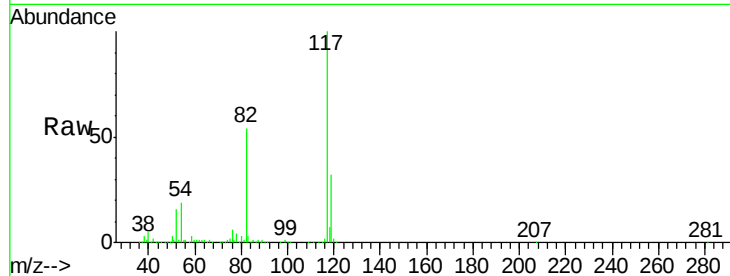




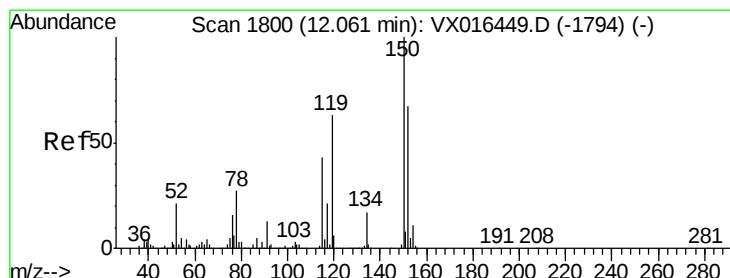
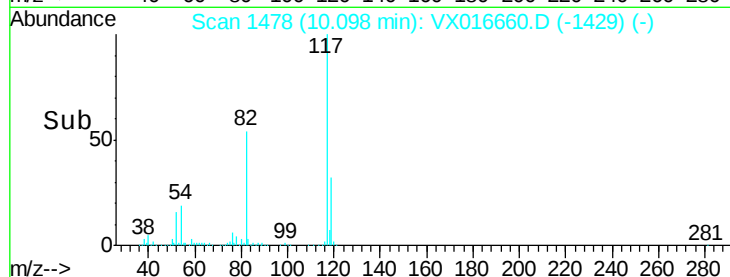
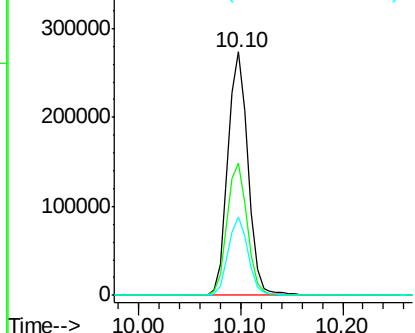
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016660.D
Acq: 09 Jun 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion:117 Resp: 372367
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 32.5 25.8 38.8

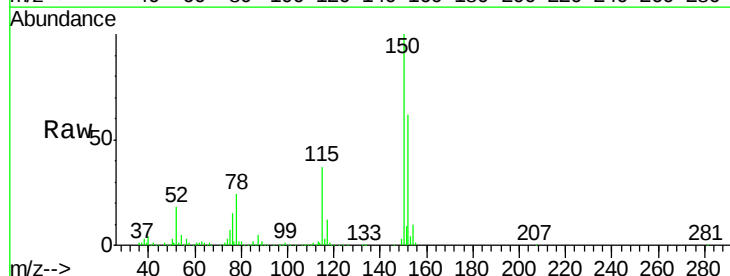


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

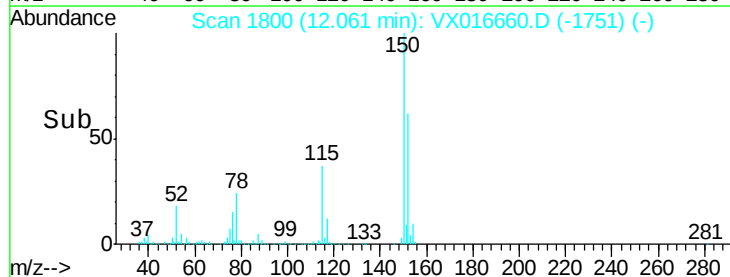
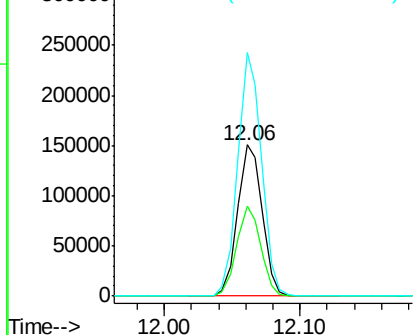


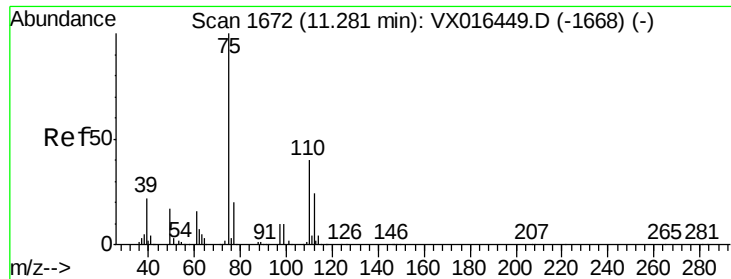
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016660.D
Acq: 09 Jun 2020 13:46

Tgt Ion:152 Resp: 188625
Ion Ratio Lower Upper
152 100
115 58.4 39.9 119.6
150 156.1 0.0 341.0



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

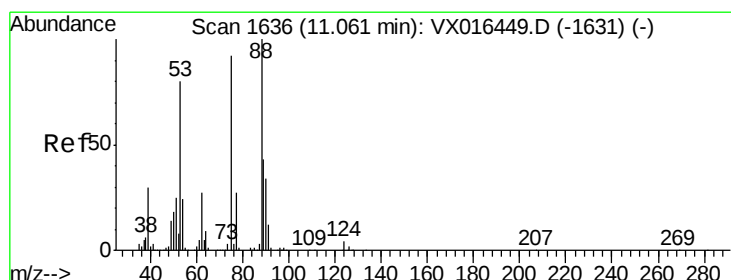
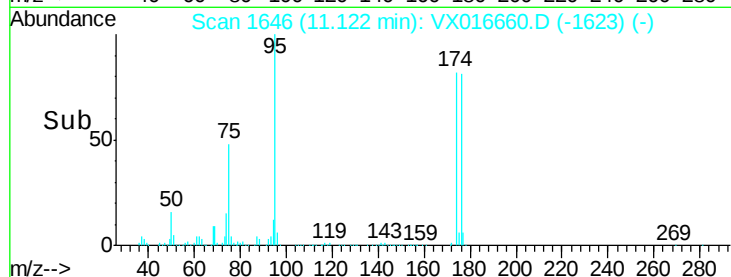
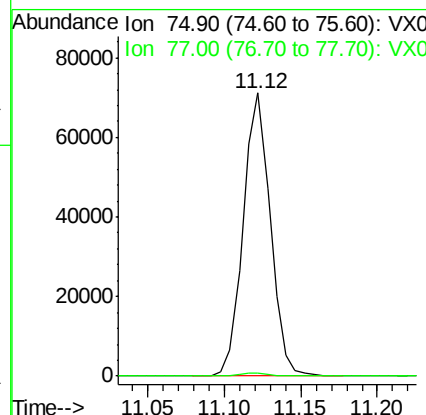
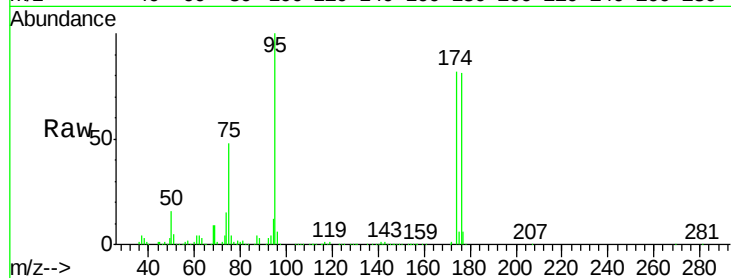




#76
 1,2,3-Trichloropropane
 Concen: 21.087 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016660.D
 Acq: 09 Jun 2020 13:46

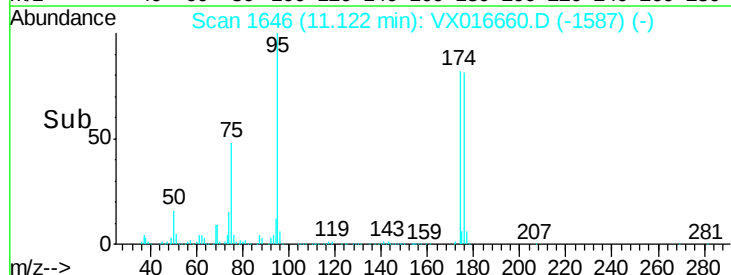
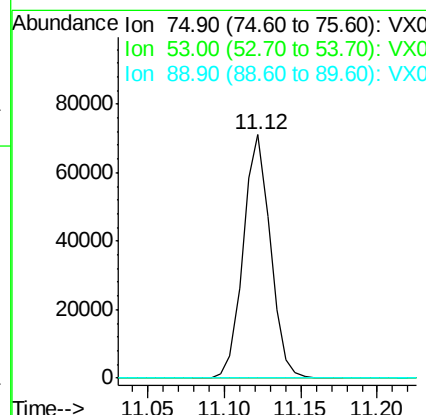
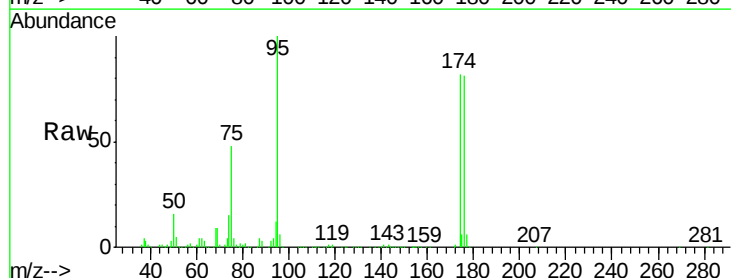
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

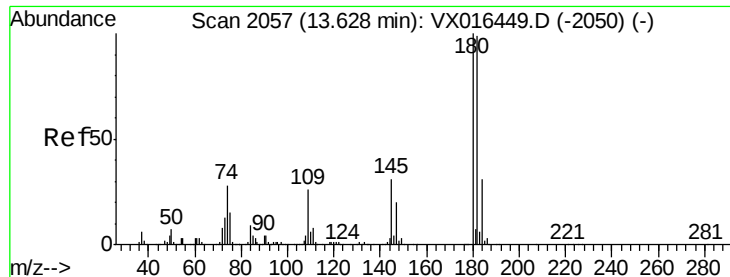
Tot Ion: 75 Resp: 87427
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.870 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016660.D
 Acq: 09 Jun 2020 13:46

Tgt Ion: 75 Resp: 87427
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

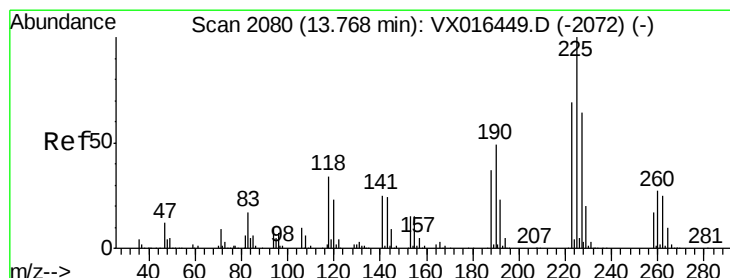
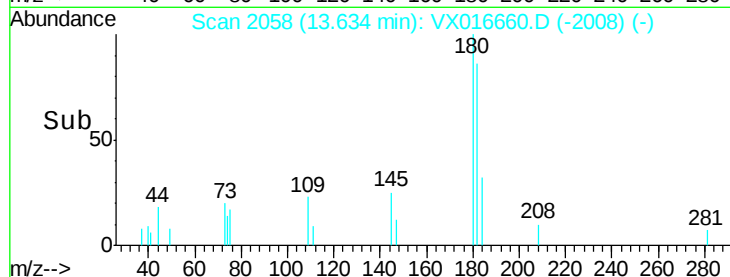
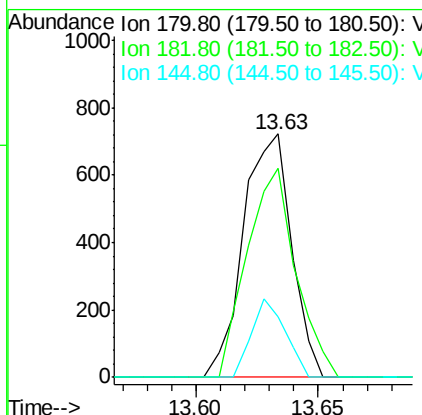
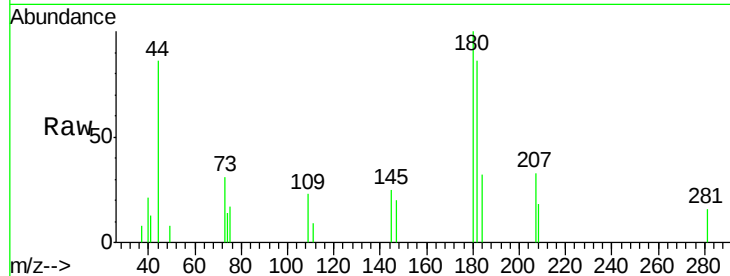




#93
 1,2,4-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX016660.D
 Acq: 09 Jun 2020 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion:180 Resp: 985
 Ion Ratio Lower Upper
 180 100
 182 87.0 48.3 144.8
 145 22.5 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 0.413 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016660.D
 Acq: 09 Jun 2020 13:46

Tgt Ion:225 Resp: 619
 Ion Ratio Lower Upper
 225 100
 223 80.0 32.3 96.8
 227 55.9 31.6 94.7

