

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016524.D
 Acq On : 01 Jun 2020 13:28
 Operator : JC/SP
 Sample : L2799-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW003-200527

Quant Time: Jun 02 01:47:09 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	277264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	451614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239448	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	160175	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	5.47	113	128600	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
50) Toluene-d8	8.70	98	552209	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	231530	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	449	0.265	ug/l #	34
10) Methyl Iodide	2.50	142	104	3.088	ug/l #	40
13) Acrolein	2.28	56	338	0.900	ug/l #	44
16) Acetone	2.42	43	5746	3.809	ug/l	95
25) 2-Butanone	4.65	43	6453	2.524	ug/l	94
31) Cyclohexane	5.63	56	5110	1.068	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	19331	4.592	ug/l #	51
38) Carbon Tetrachloride	5.63	117	25452	5.753	ug/l #	16
59) 2-Hexanone	9.48	43	1927	0.505	ug/l	99
60) Dibromochloromethane	9.32	129	4994	1.412	ug/l #	11
64) Tetrachloroethene	9.32	164	5427	1.074	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	112132	21.305	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	112132	52.407	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016524.D

Acq: 01 Jun 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

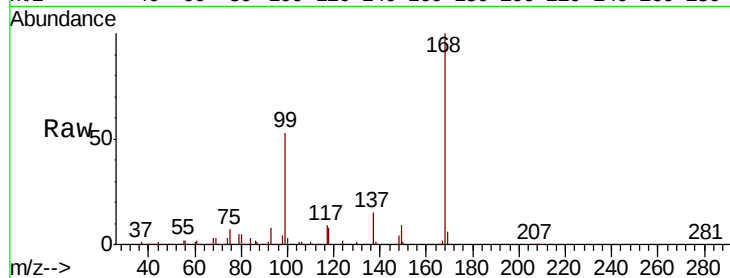
SS036MW003-200527

Tot Ion:168 Resp: 277264

Ion Ratio Lower Upper

168 100

99 52.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

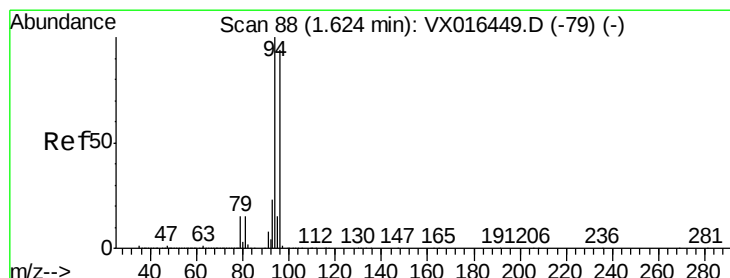
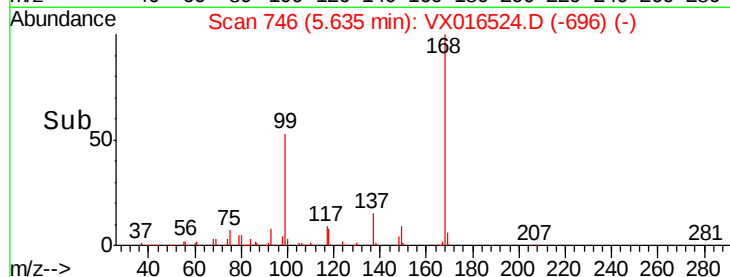
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.265 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016524.D

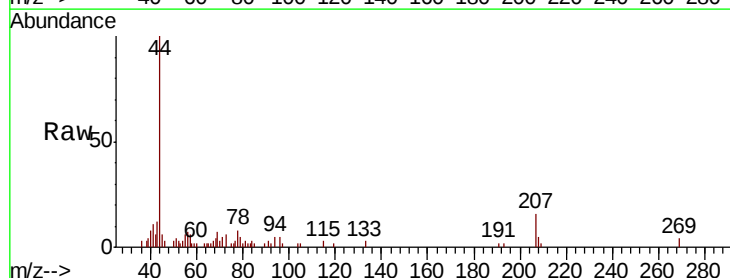
Acq: 01 Jun 2020 13:28

Tgt Ion: 94 Resp: 449

Ion Ratio Lower Upper

94 100

96 29.8 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

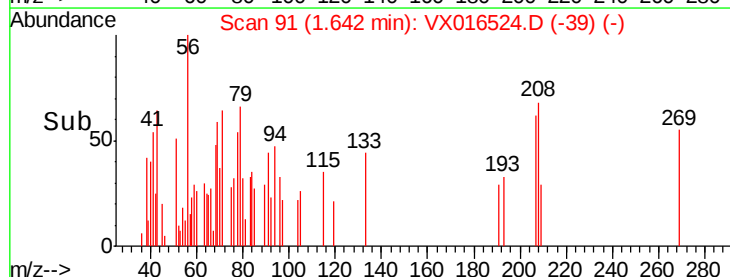
300

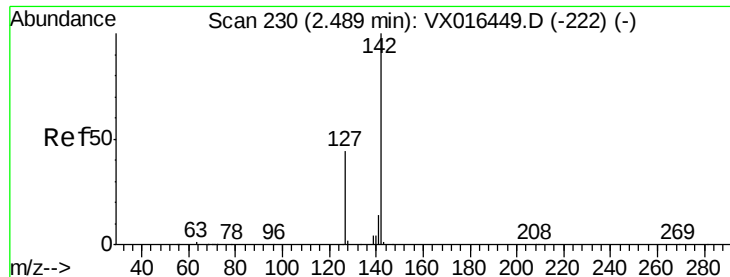
200

100

0

Time-->

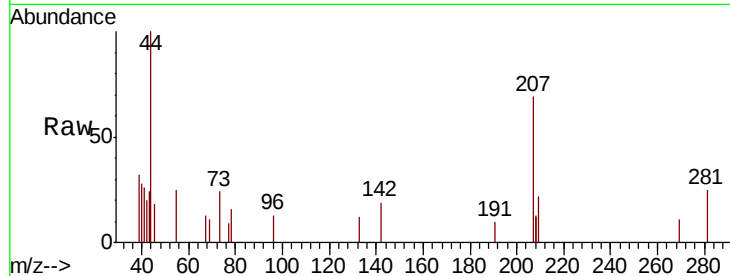




#10
Methyl Iodide
Concen: 3.088 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

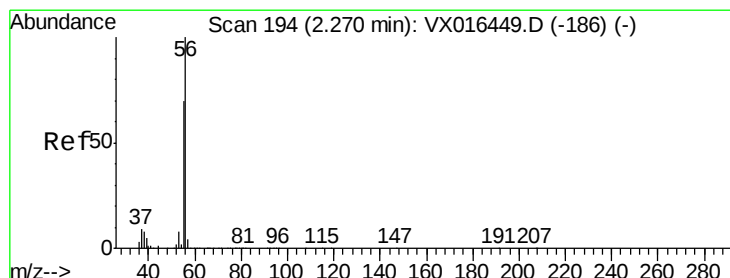
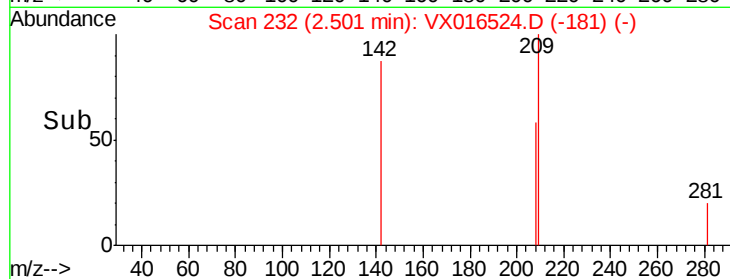
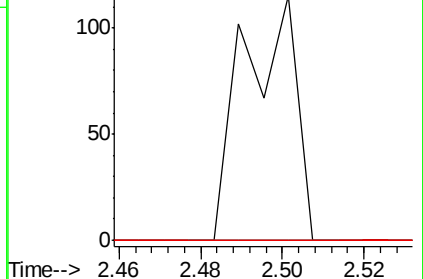
Instrument :
MSVOA_X
ClientSampleId :
SS036MW003-200527

Tot Ion:142 Resp: 104
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#



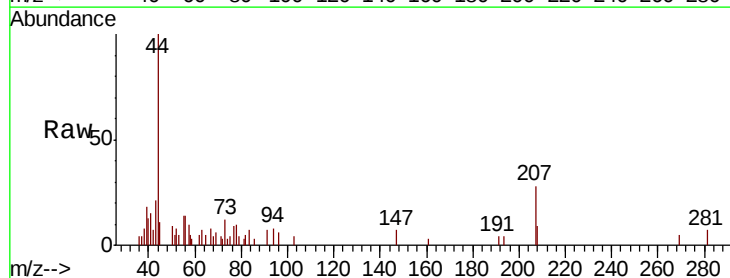
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

2.50



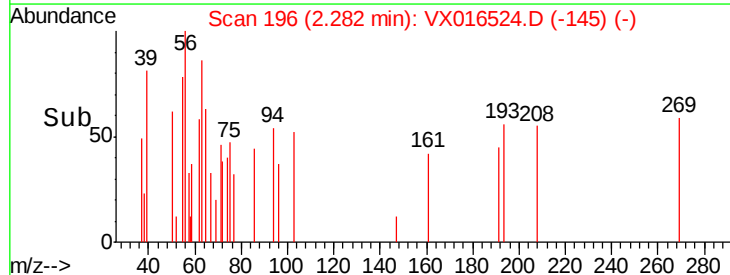
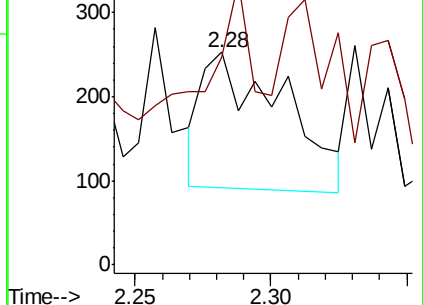
#13
Acrolein
Concen: 0.900 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

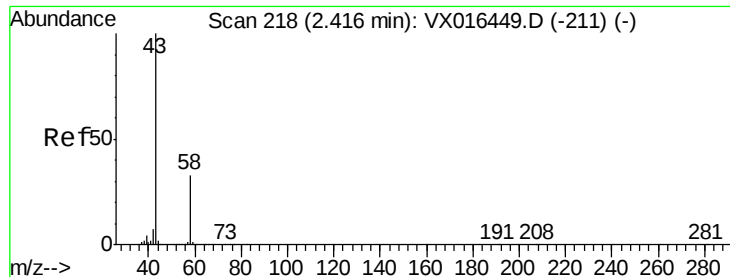
Tgt Ion: 56 Resp: 338
Ion Ratio Lower Upper
56 100
55 26.3 58.3 87.5#



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

2.28





#16

Acetone

Concen: 3.809 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016524.D

Acq: 01 Jun 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

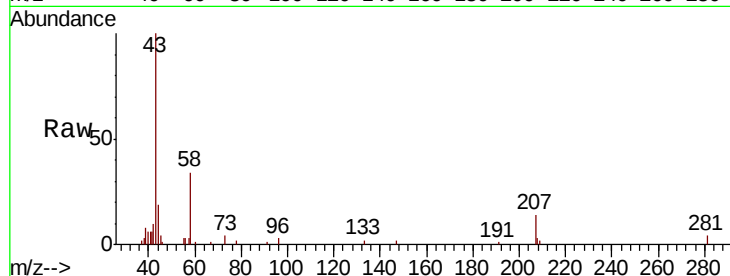
SS036MW003-200527

Tot Ion: 43 Resp: 5746

Ion Ratio Lower Upper

43 100

58 35.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

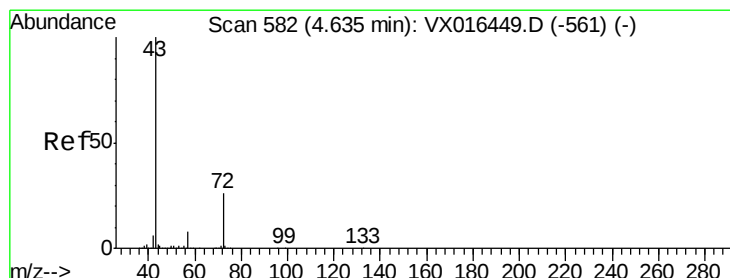
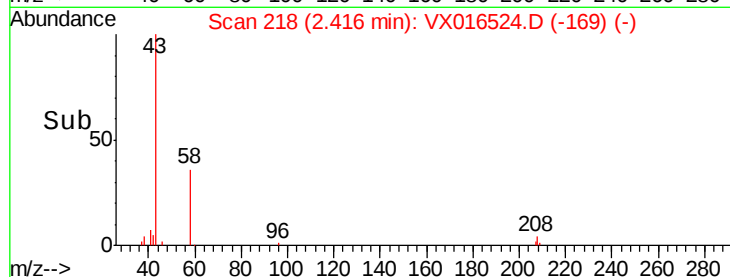
3000

2000

1000

0

Time--> 2.35 2.40 2.45



#25

2-Butanone

Concen: 2.524 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016524.D

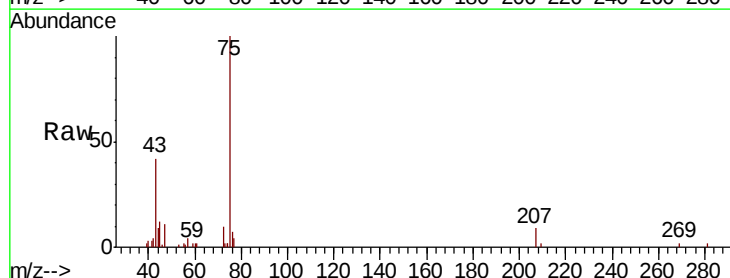
Acq: 01 Jun 2020 13:28

Tgt Ion: 43 Resp: 6453

Ion Ratio Lower Upper

43 100

72 23.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

2500

2000

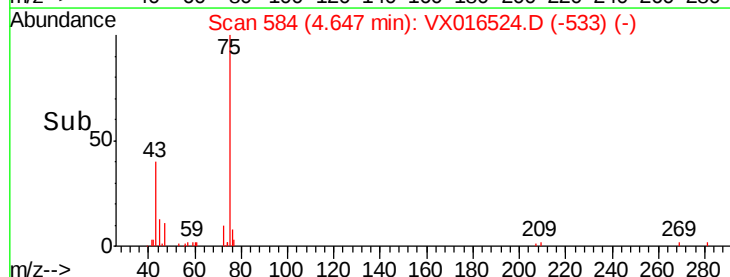
1500

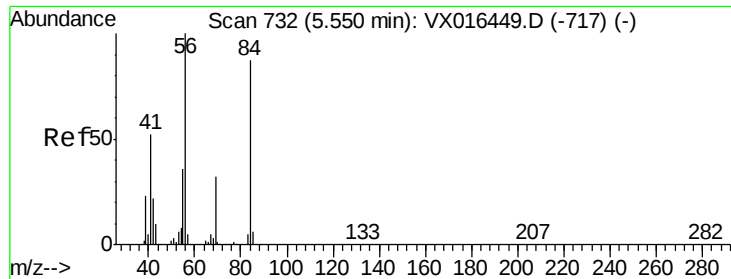
1000

500

0

Time--> 4.60 4.70

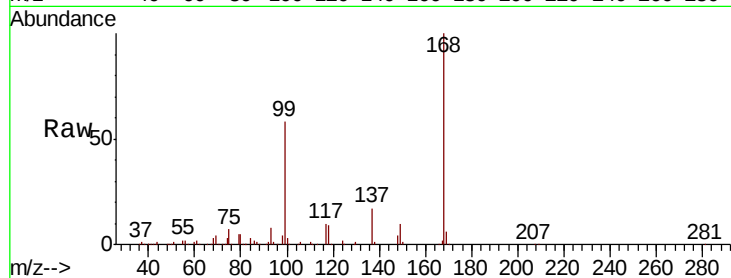




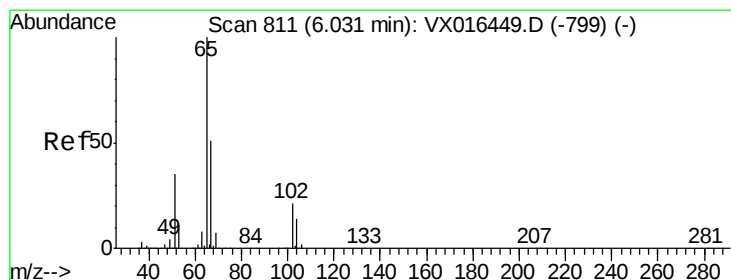
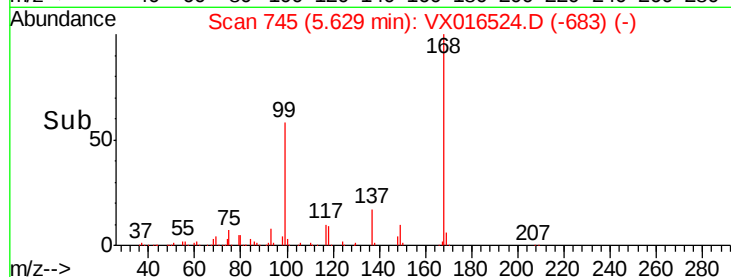
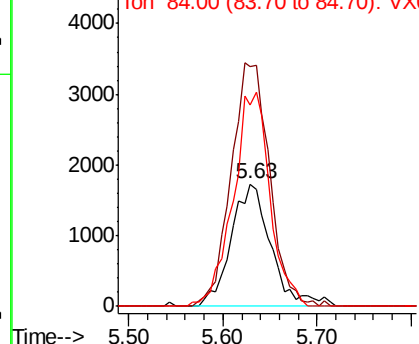
#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
SS036MW003-200527

Tot Ion: 56 Resp: 5110
Ion Ratio Lower Upper
56 100
69 196.2 25.7 38.5#
84 164.2 70.0 105.0#

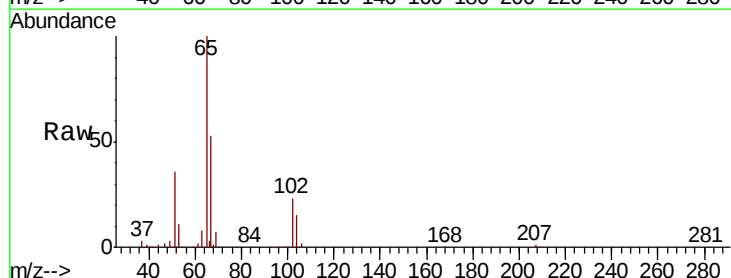


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

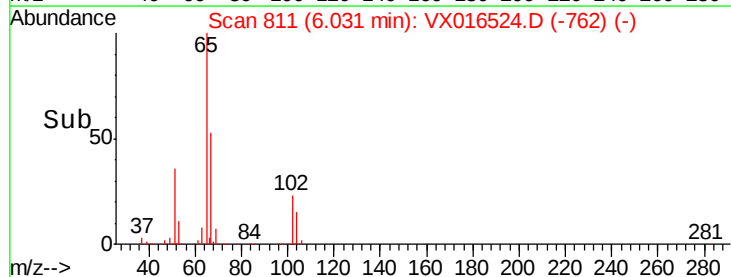
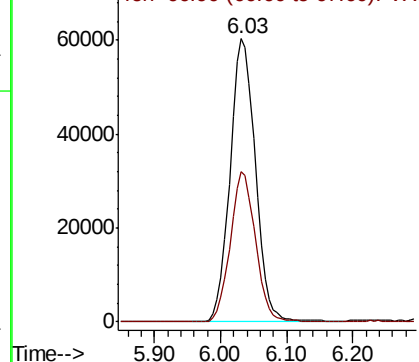


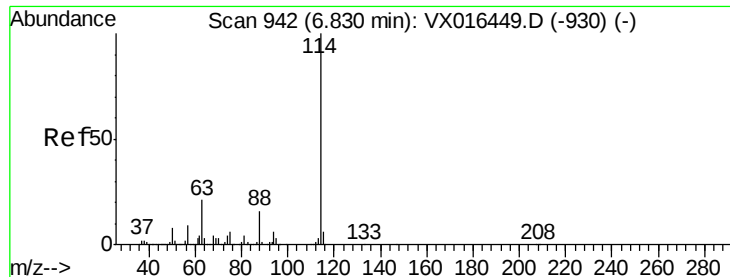
#33
1,2-Dichloroethane-d4
Concen: 46.518 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

Tgt Ion: 65 Resp: 160175
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

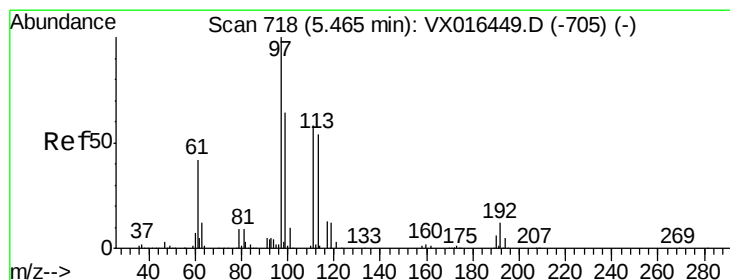
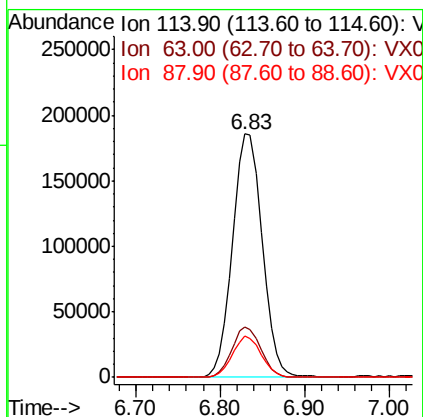
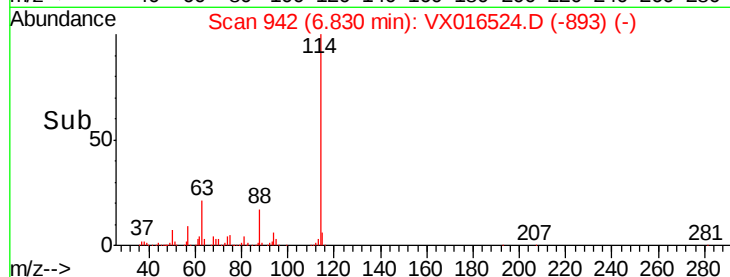
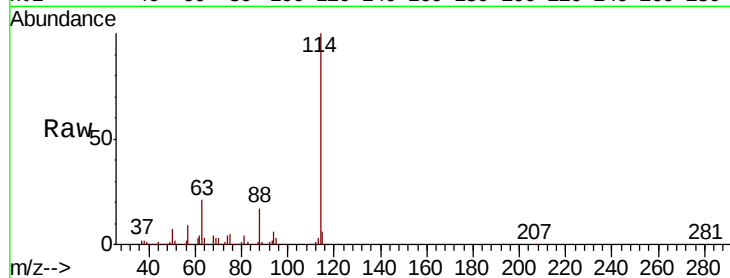




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

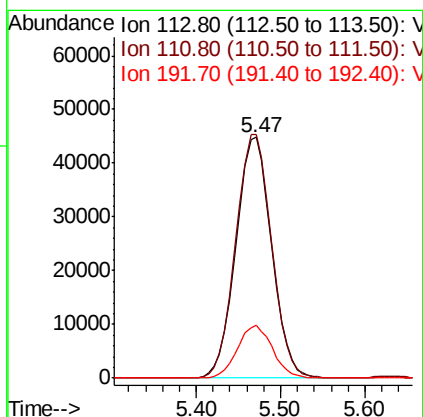
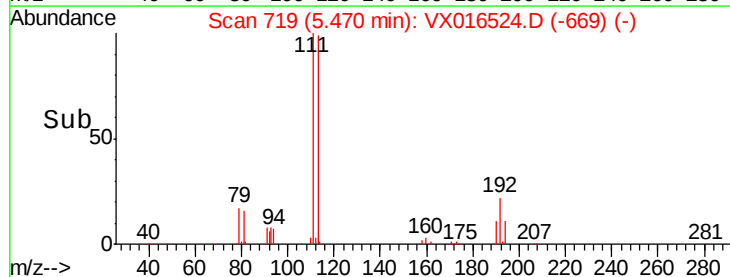
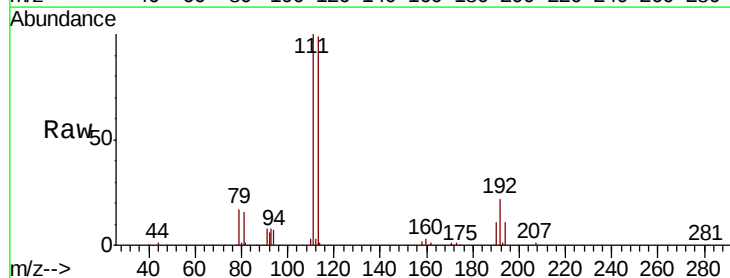
Instrument :
MSVOA_X
ClientSampleId :
SS036MW003-200527

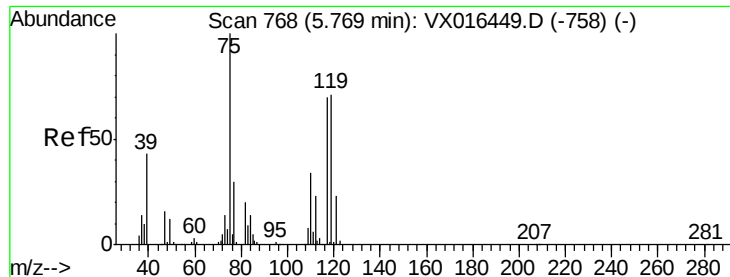
Tot Ion:114 Resp: 444631
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.972 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

Tgt Ion:113 Resp: 128600
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 21.5 17.7 26.5





#36

1,1-Dichloropropene

Concen: 4.592 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016524.D

Acq: 01 Jun 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

SS036MW003-200527

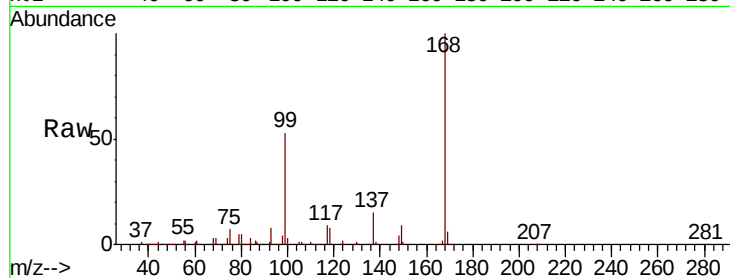
Tot Ion: 75 Resp: 19331

Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.3#

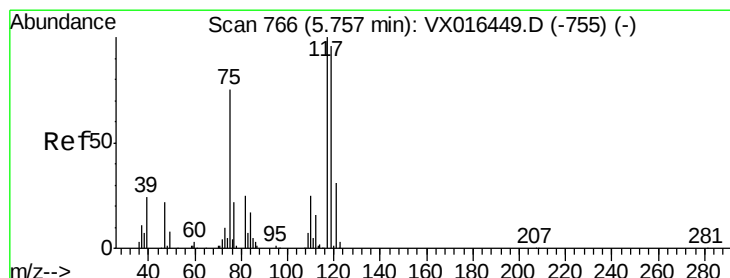
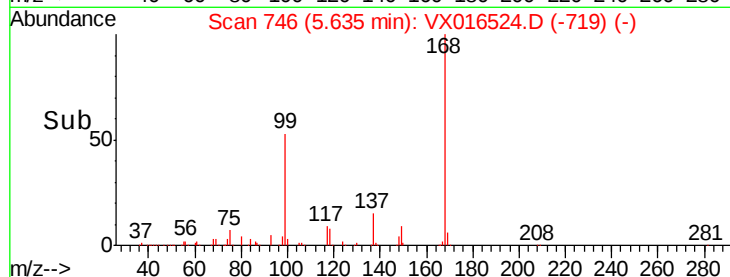
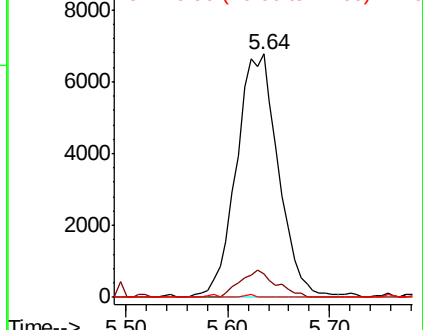
77 0.2 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.753 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016524.D

Acq: 01 Jun 2020 13:28

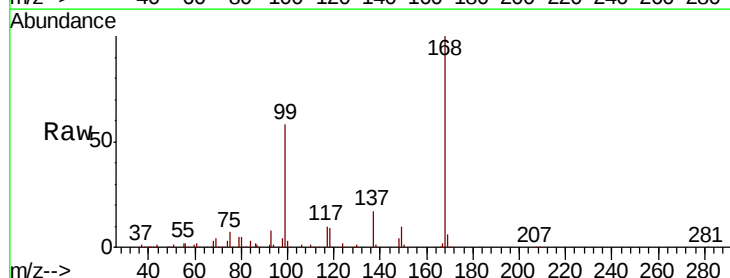
Tgt Ion: 117 Resp: 25452

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

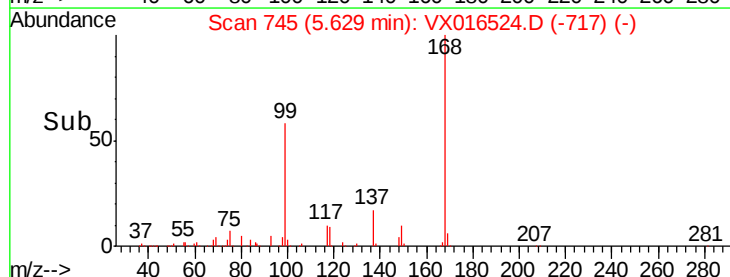
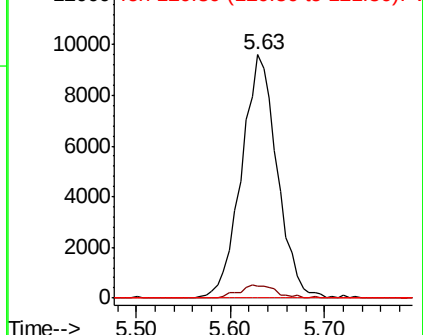
121 0.0 24.6 37.0#

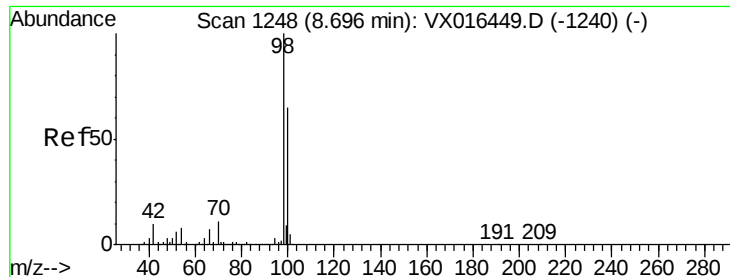


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.821 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016524.D

Acq: 01 Jun 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

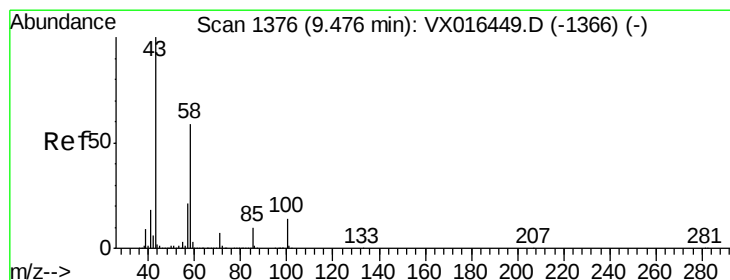
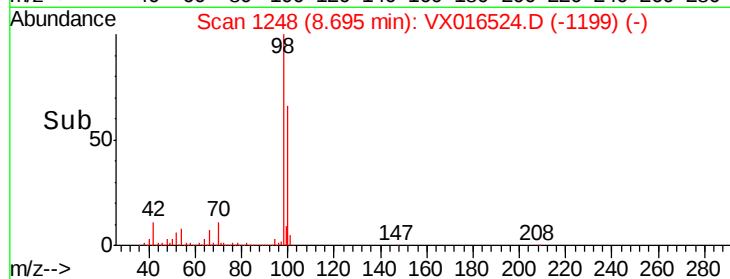
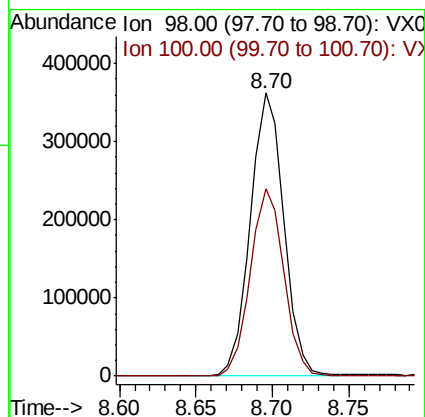
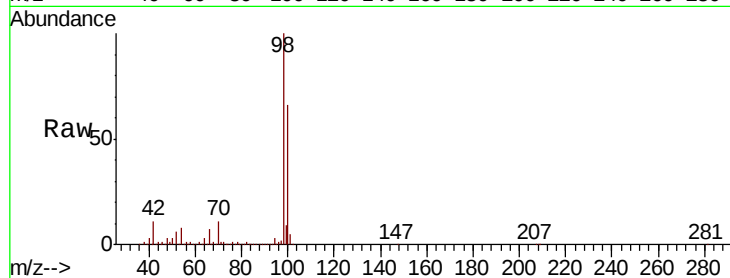
SS036MW003-200527

Tot Ion: 98 Resp: 552209

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#59

2-Hexanone

Concen: 0.505 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016524.D

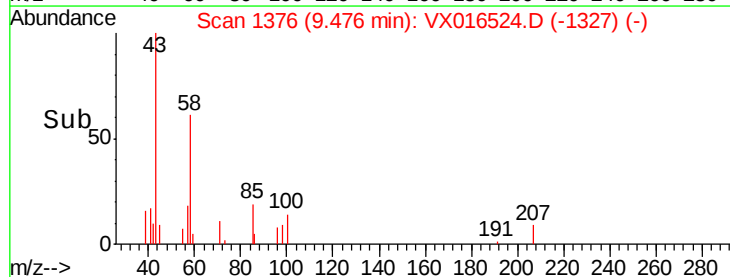
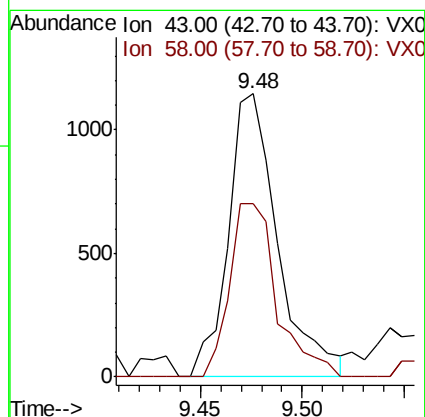
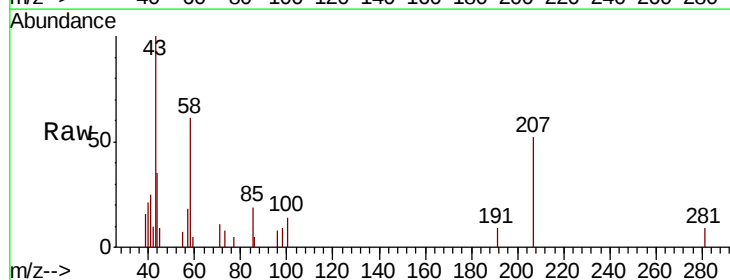
Acq: 01 Jun 2020 13:28

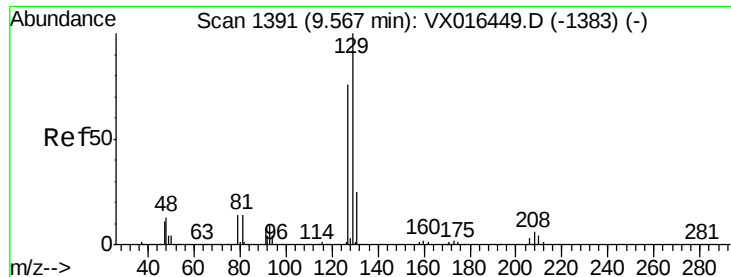
Tgt Ion: 43 Resp: 1927

Ion Ratio Lower Upper

43 100

58 58.7 28.8 86.4

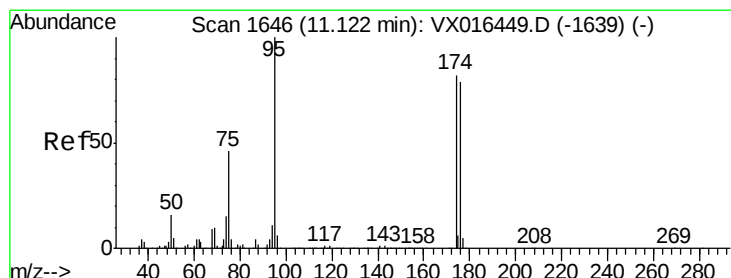
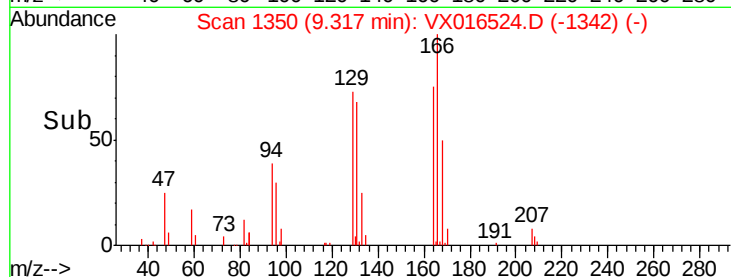
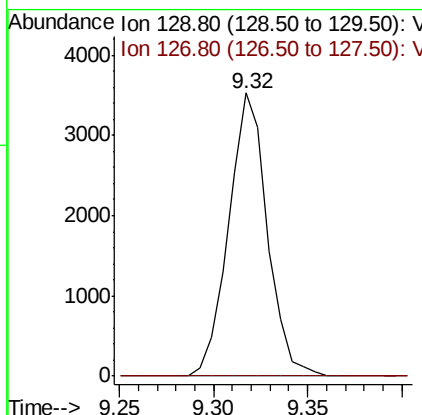
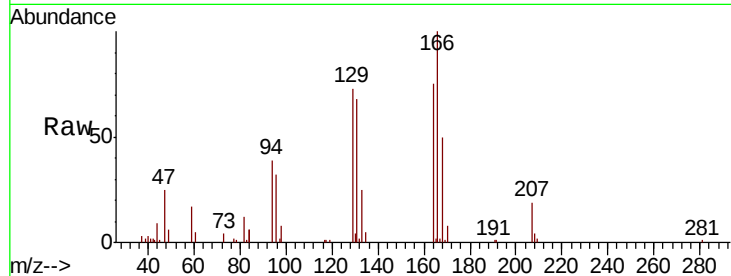




#60
Dibromochloromethane
Concen: 1.412 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

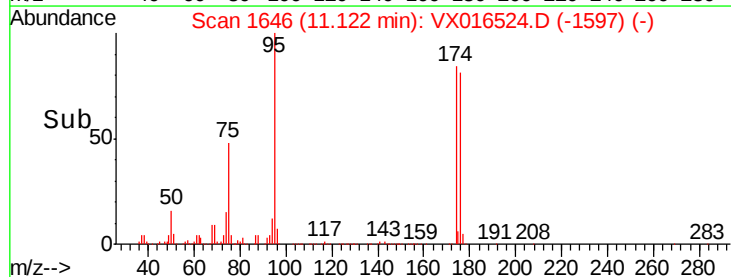
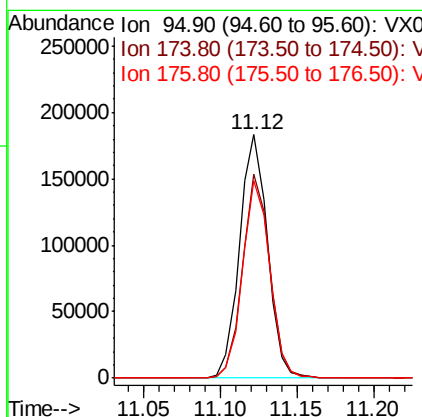
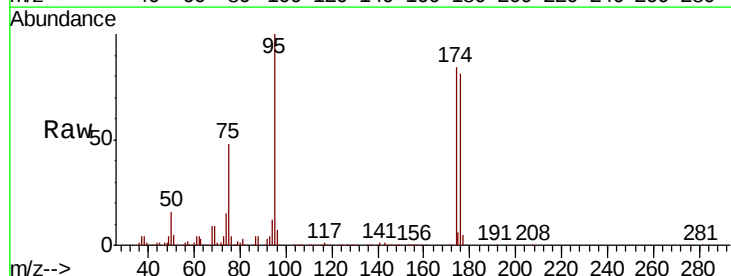
Instrument :
MSVOA_X
ClientSampleId :
SS036MW003-200527

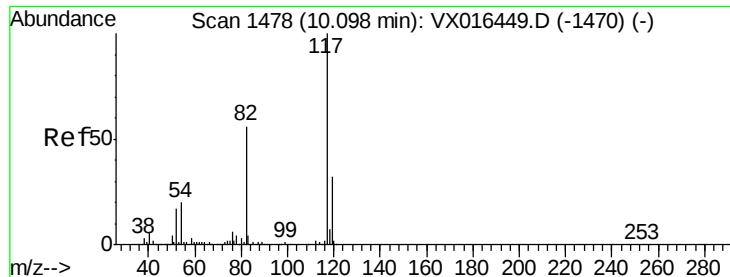
Tot Ion:129 Resp: 4994
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 56.231 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

Tgt Ion: 95 Resp: 231530
Ion Ratio Lower Upper
95 100
174 81.8 0.0 163.0
176 79.6 0.0 156.8

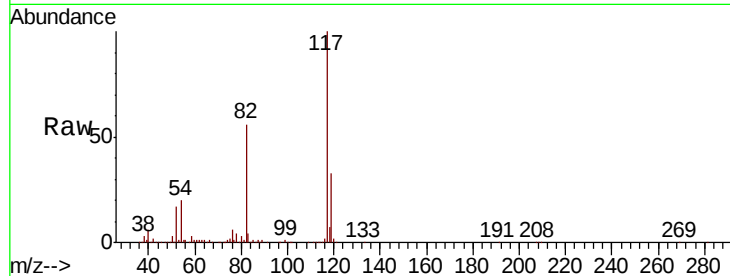




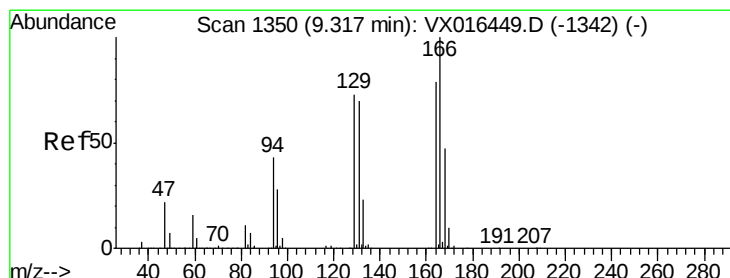
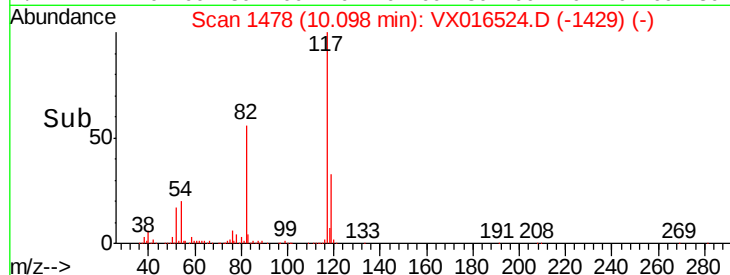
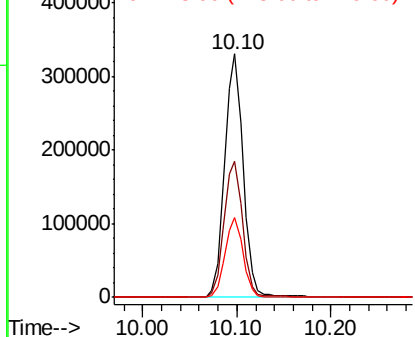
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
SS036MW003-200527

Tot Ion:117 Resp: 451614
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 32.7 25.8 38.8

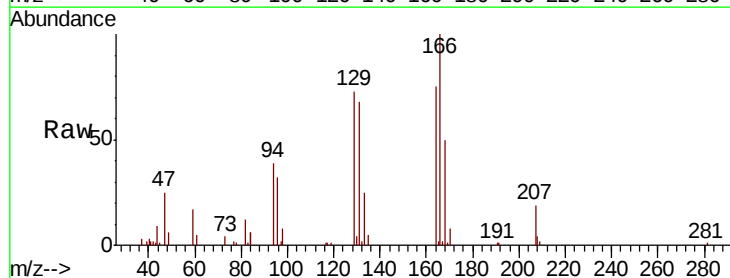


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

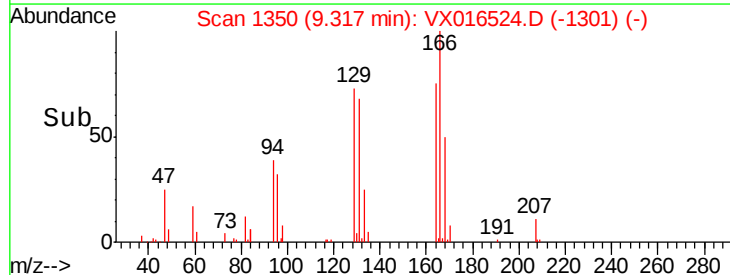
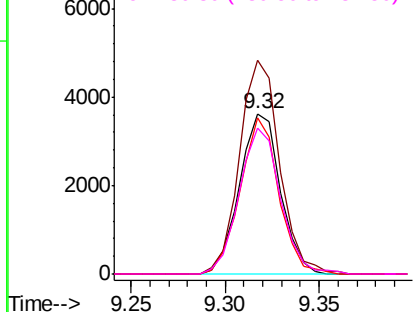


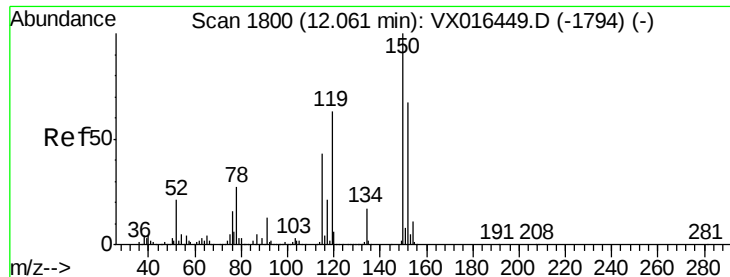
#64
Tetrachloroethene
Concen: 1.074 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016524.D
Acq: 01 Jun 2020 13:28

Tgt Ion:164 Resp: 5427
Ion Ratio Lower Upper
164 100
166 133.4 100.9 151.3
129 97.5 73.2 109.8
131 91.3 70.8 106.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016524.D

Acq: 01 Jun 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

SS036MW003-200527

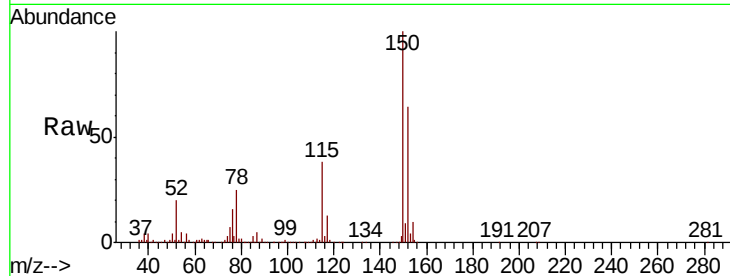
Tot Ion:152 Resp: 239448

Ion Ratio Lower Upper

152 100

115 57.6 39.9 119.6

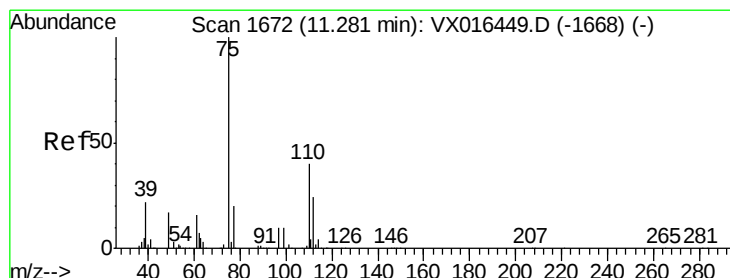
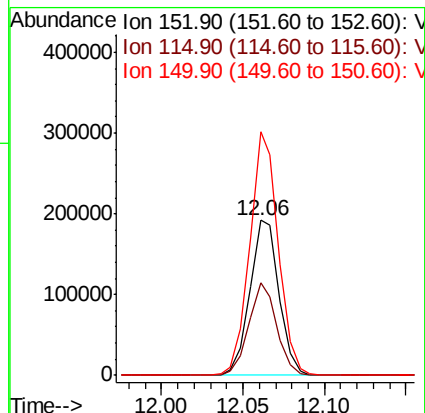
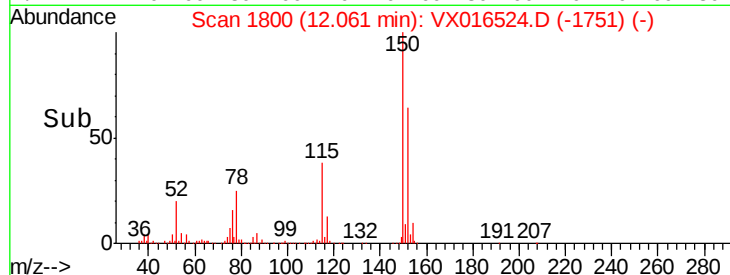
150 153.2 0.0 341.0



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: 21.305 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016524.D

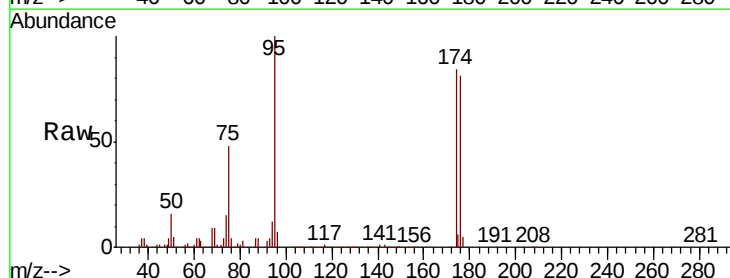
Acq: 01 Jun 2020 13:28

Tgt Ion: 75 Resp: 112132

Ion Ratio Lower Upper

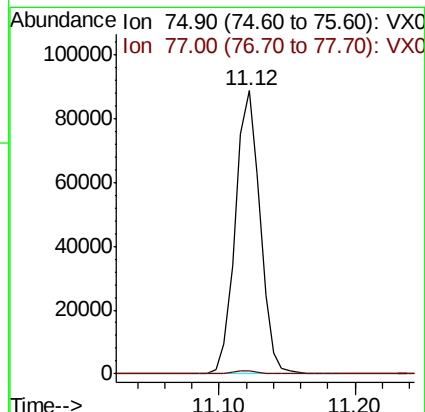
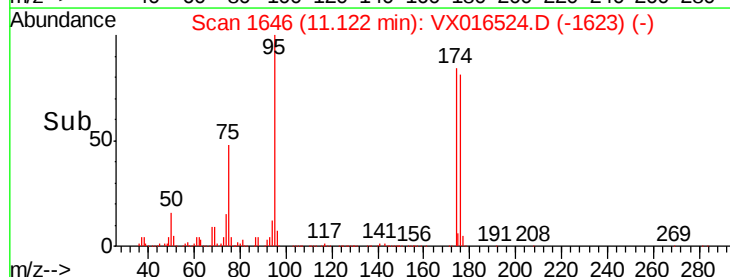
75 100

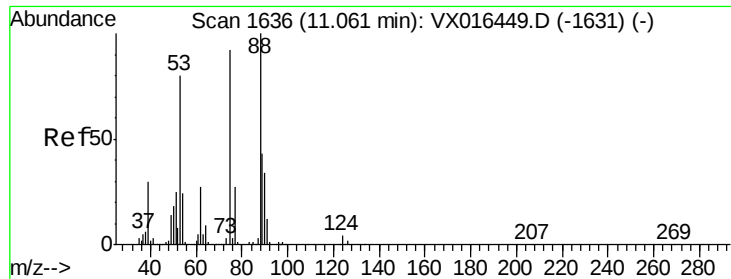
77 1.2 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.407 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016524.D
 Acq: 01 Jun 2020 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW003-200527

Tot Ion: 75 Resp: 112132
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

