

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016178.D
 Acq On : 13 May 2020 14:43
 Operator : JC/SP
 Sample : L2597-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW764-200511

Quant Time: May 14 06:56:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	291758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	472989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239290	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	173241	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
35) Dibromofluoromethane	5.47	113	138375	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
50) Toluene-d8	8.70	98	590757	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.12	95	232897	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	

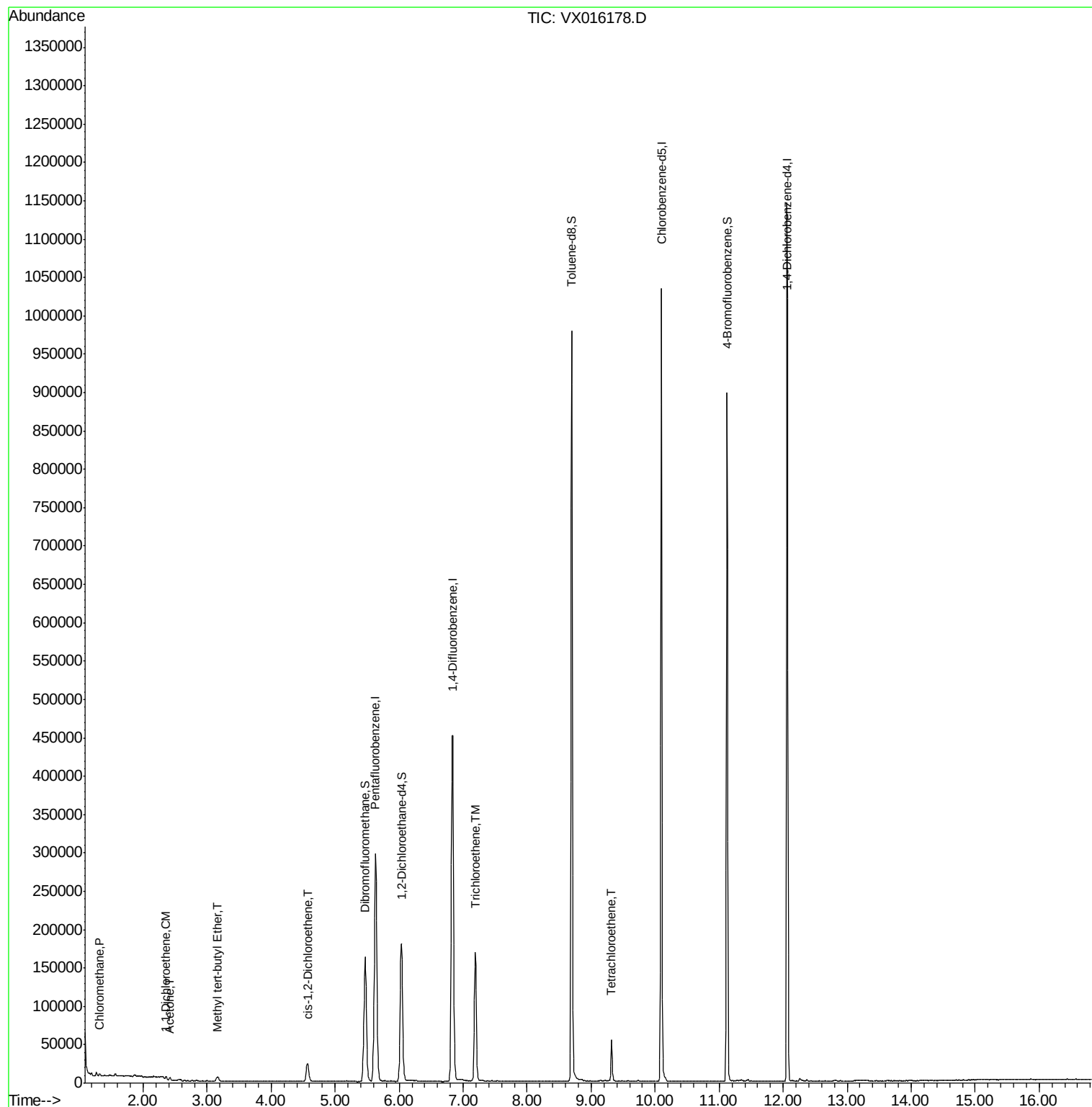
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1041	0.290	ug/l	92
12) 1,1-Dichloroethene	2.36	96	1818	0.599	ug/l	91
16) Acetone	2.42	43	3797	2.217	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	5452	0.521	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	15566	4.213	ug/l	84
44) Trichloroethene	7.19	130	64986	13.428	ug/l	94
64) Tetrachloroethene	9.32	164	10206	1.781	ug/l	97

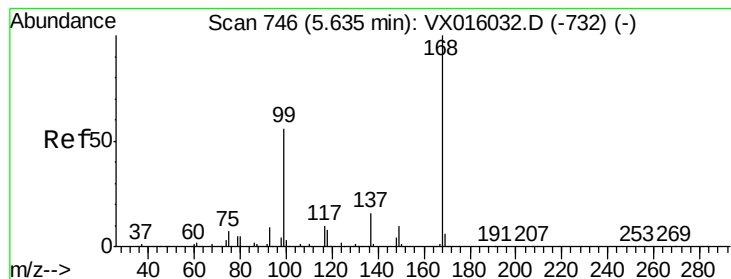
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016178.D

Acq: 13 May 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

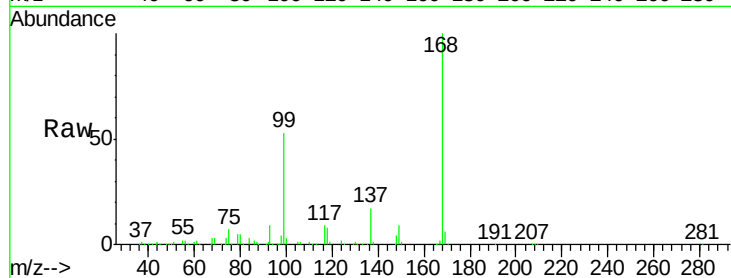
SS052MW764-200511

Tot Ion:168 Resp: 291758

Ion Ratio Lower Upper

168 100

99 53.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

60000

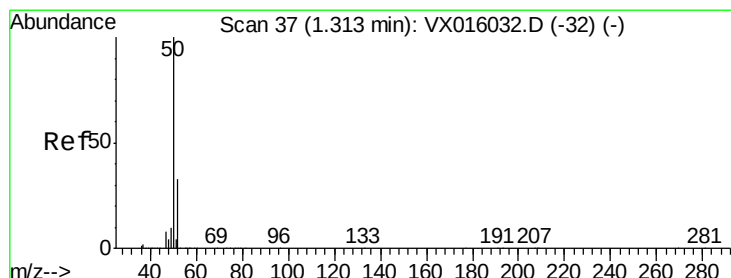
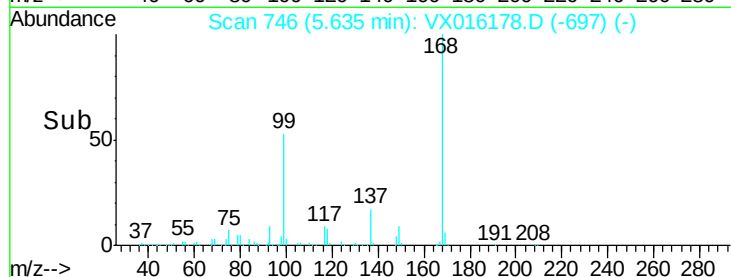
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.290 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016178.D

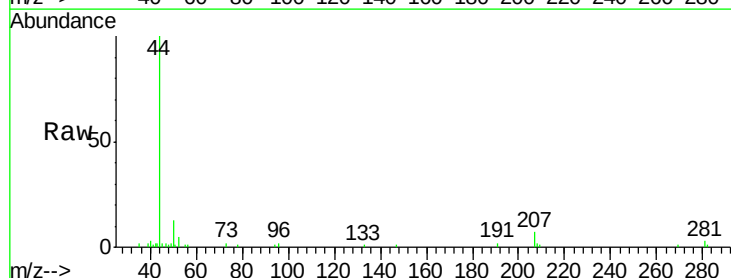
Acq: 13 May 2020 14:43

Tgt Ion: 50 Resp: 1041

Ion Ratio Lower Upper

50 100

52 37.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1000

800

600

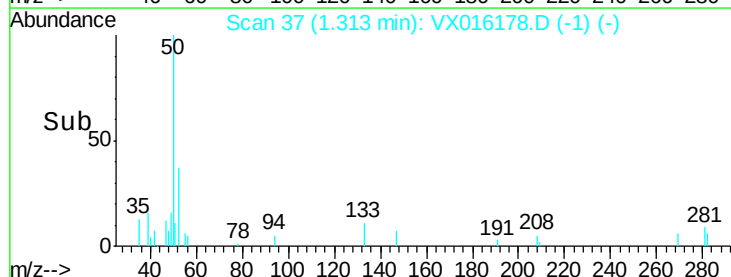
400

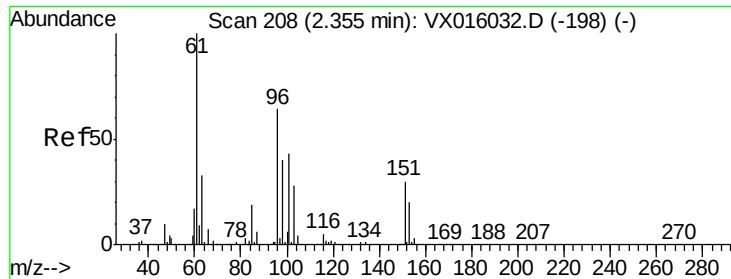
200

0

Time-->

1.30 1.35





#12

1,1-Dichloroethene

Concen: 0.599 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016178.D

Acq: 13 May 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW764-200511

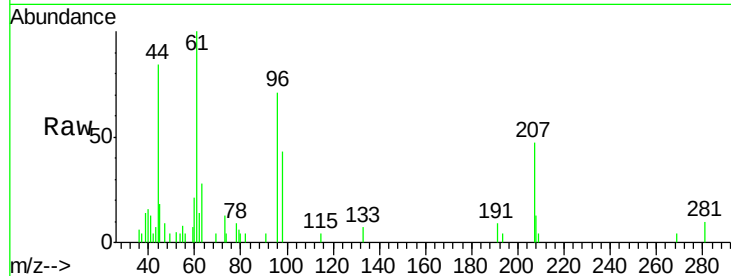
Tot Ion: 96 Resp: 1818

Ion Ratio Lower Upper

96 100

61 140.6 124.8 187.2

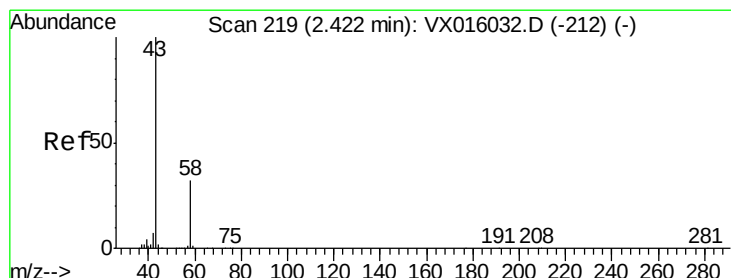
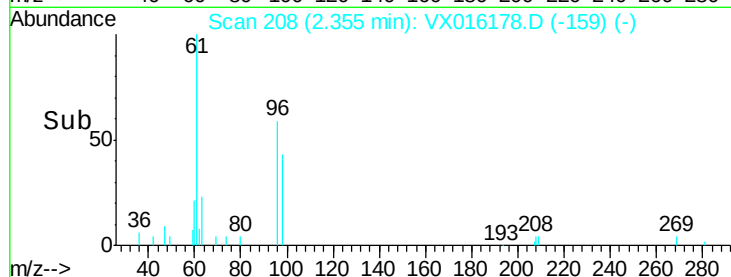
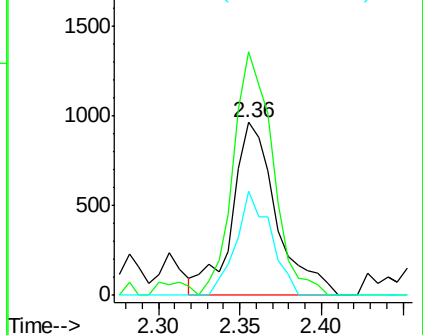
98 60.4 49.7 74.5



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



#16

Acetone

Concen: 2.217 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016178.D

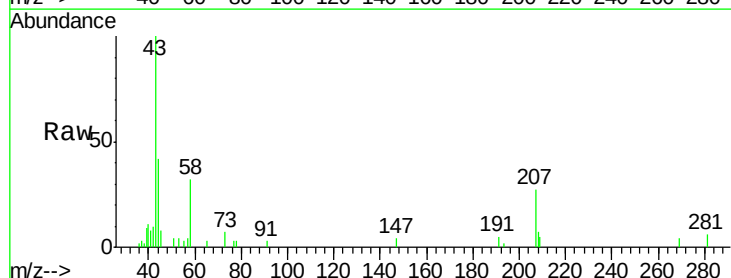
Acq: 13 May 2020 14:43

Tgt Ion: 43 Resp: 3797

Ion Ratio Lower Upper

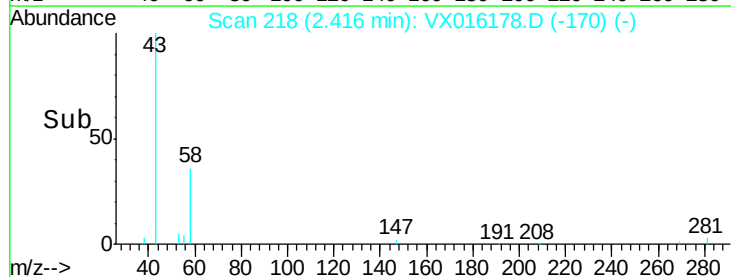
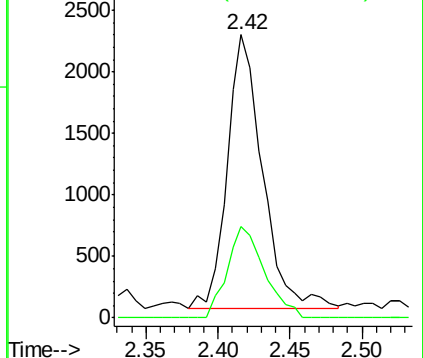
43 100

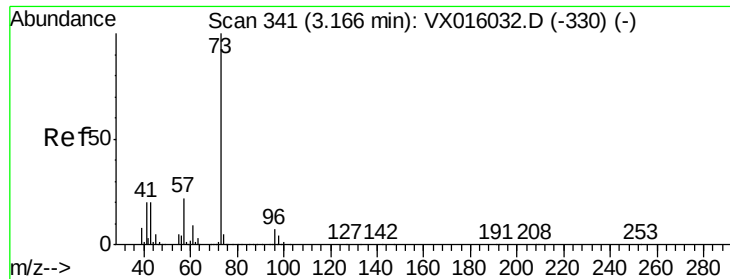
58 33.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



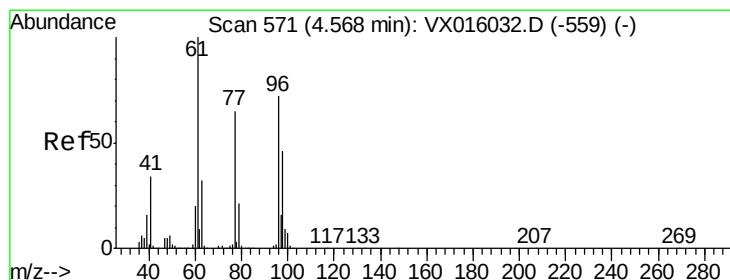
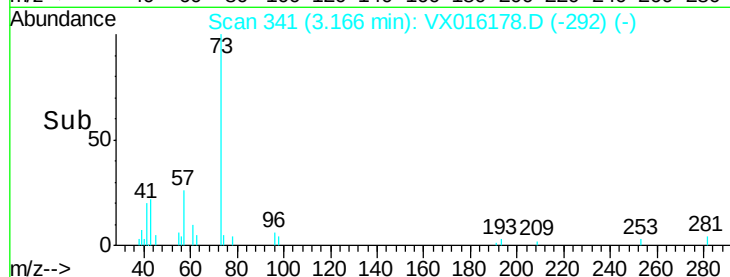
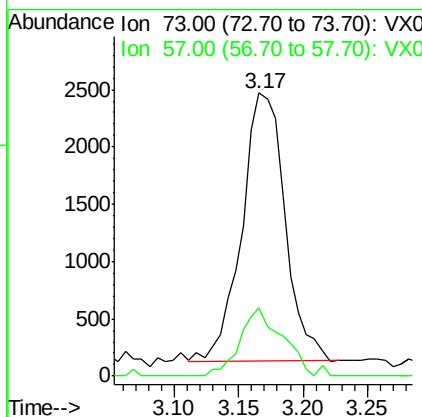
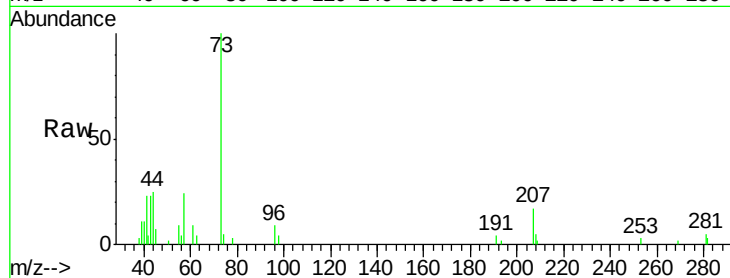


#19

Methyl tert-butyl Ether
 Concen: 0.521 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016178.D
 Acq: 13 May 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW764-200511

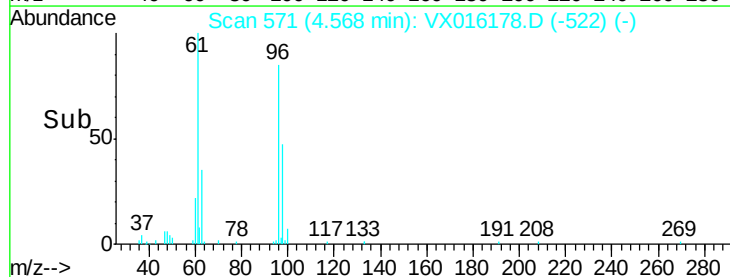
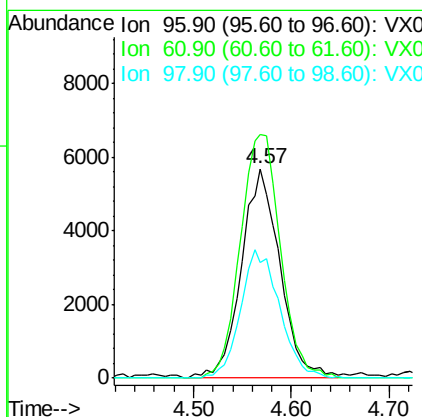
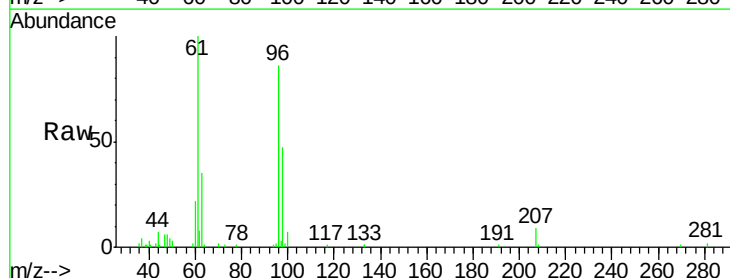
Tot Ion: 73 Resp: 5452
 Ion Ratio Lower Upper
 73 100
 57 25.7 17.8 26.6

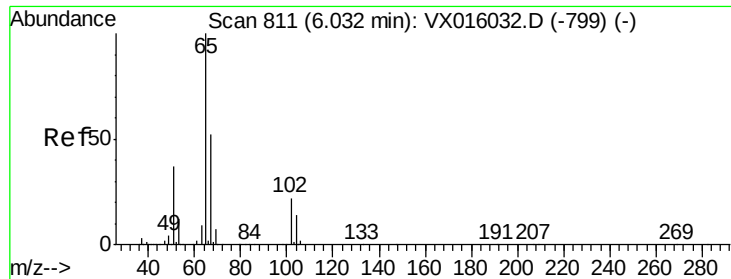


#27

cis-1,2-Dichloroethene
 Concen: 4.213 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016178.D
 Acq: 13 May 2020 14:43

Tgt Ion: 96 Resp: 15566
 Ion Ratio Lower Upper
 96 100
 61 121.4 0.0 296.2
 98 62.2 0.0 129.4

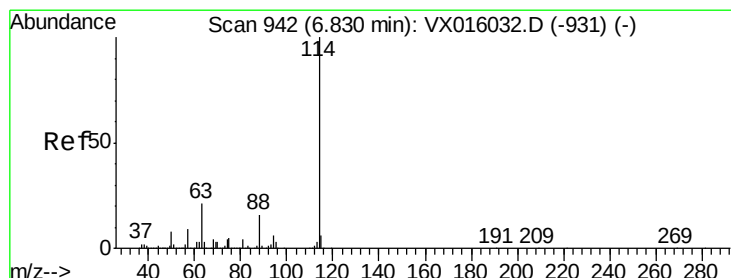
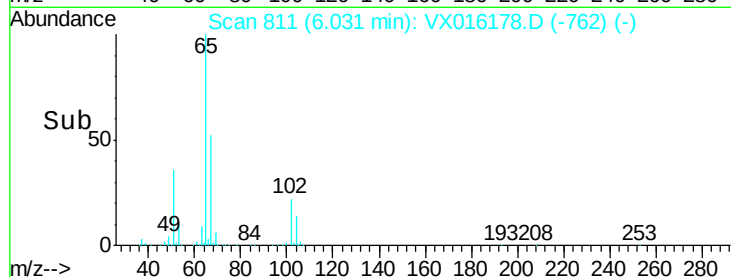
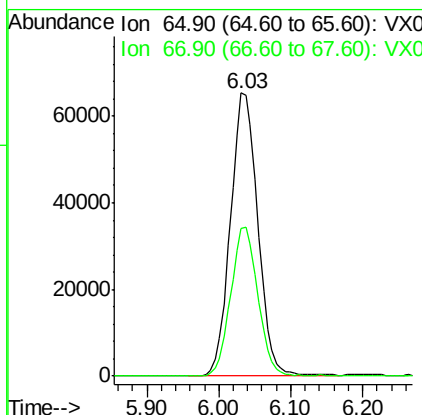
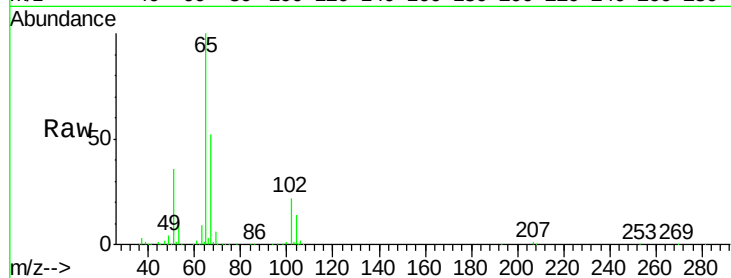




#33
 1,2-Dichloroethane-d4
 Concen: 45.124 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016178.D
 Acq: 13 May 2020 14:43

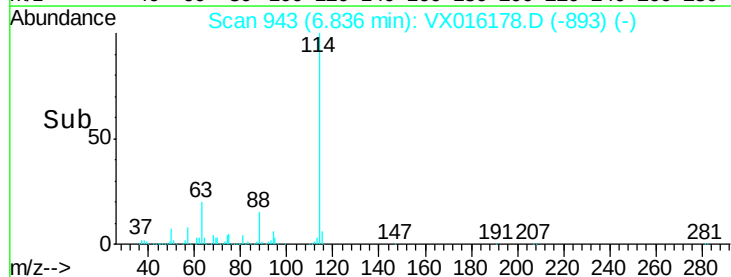
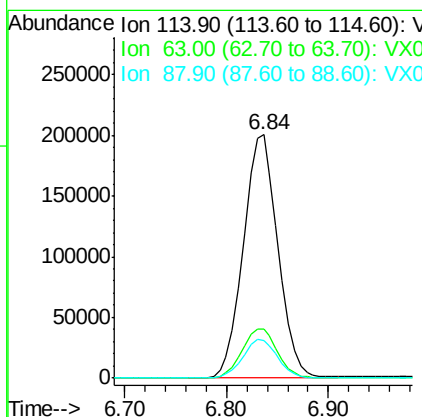
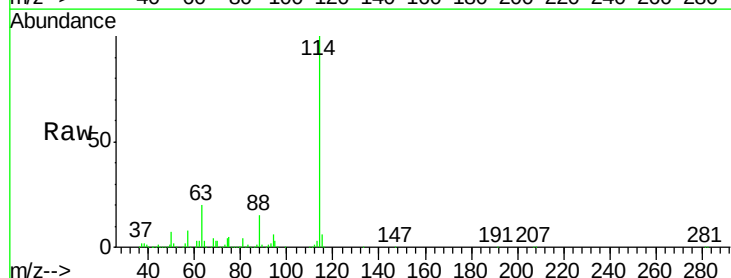
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW764-200511

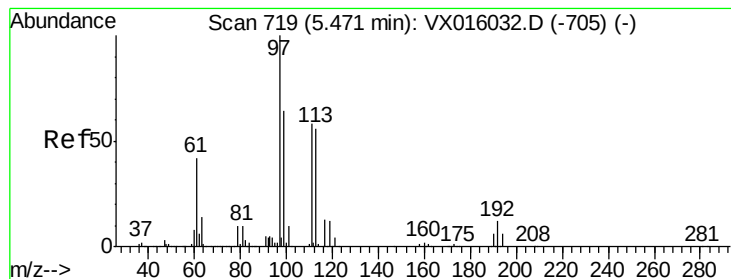
Tot Ion: 65 Resp: 173241
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016178.D
 Acq: 13 May 2020 14:43

Tgt Ion: 114 Resp: 472989
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.178 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016178.D

Acq: 13 May 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW764-200511

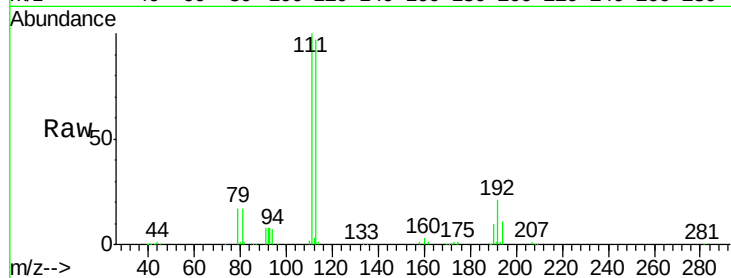
Tot Ion:113 Resp: 138375

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

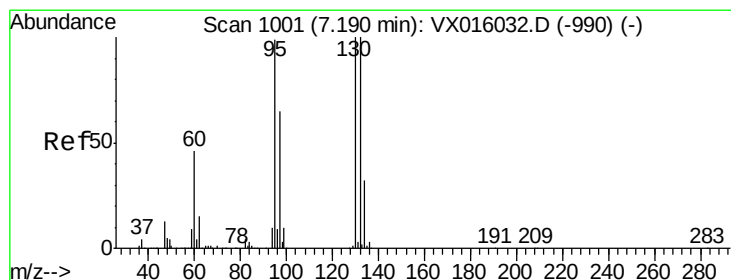
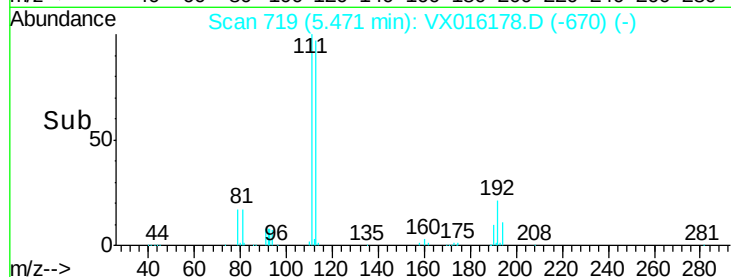
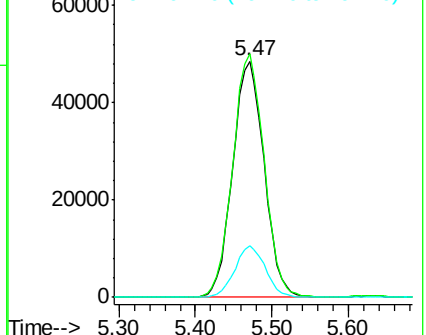
192 21.5 17.0 25.4



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



#44

Trichloroethene

Concen: 13.428 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016178.D

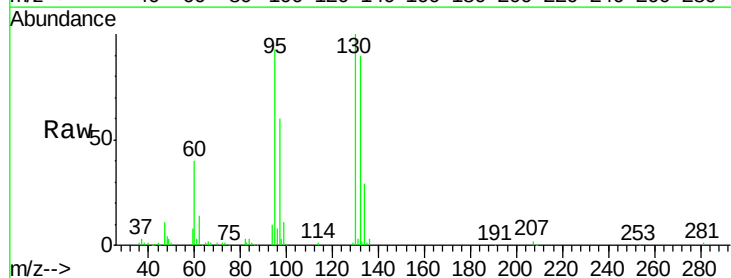
Acq: 13 May 2020 14:43

Tgt Ion:130 Resp: 64986

Ion Ratio Lower Upper

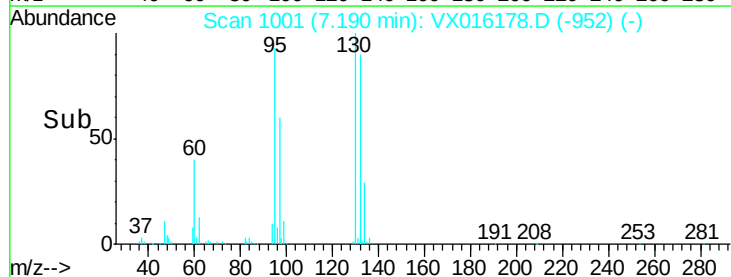
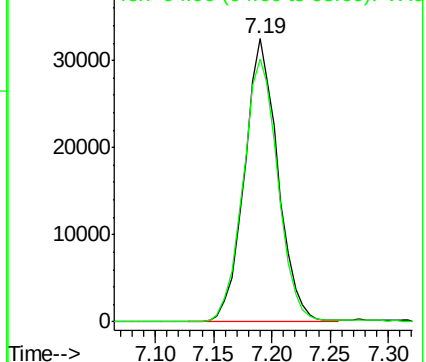
130 100

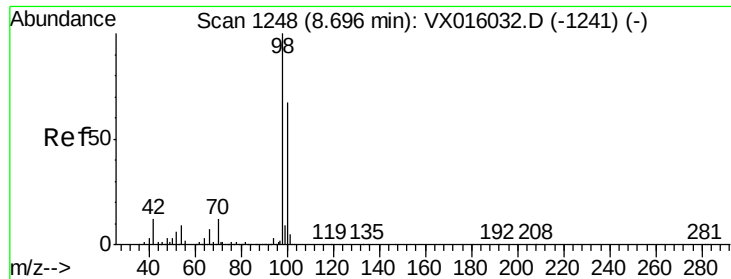
95 93.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

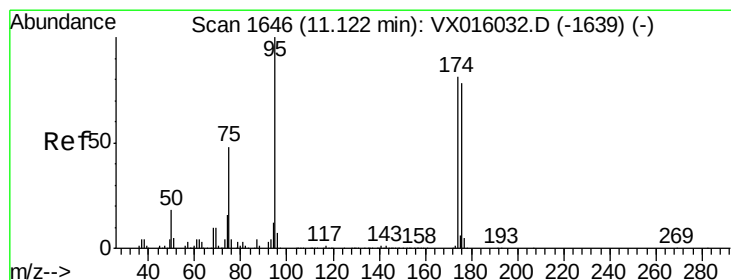
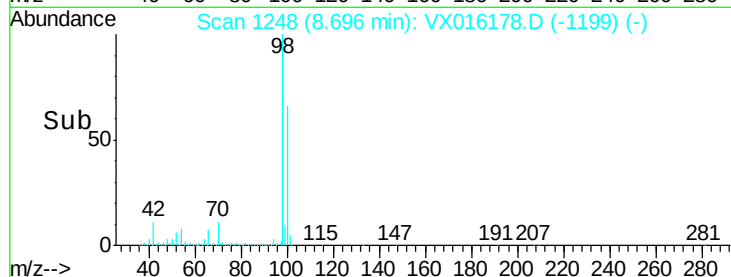
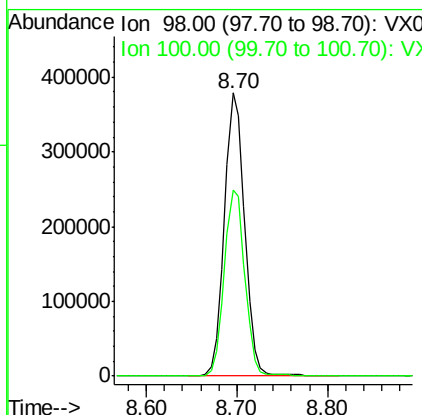
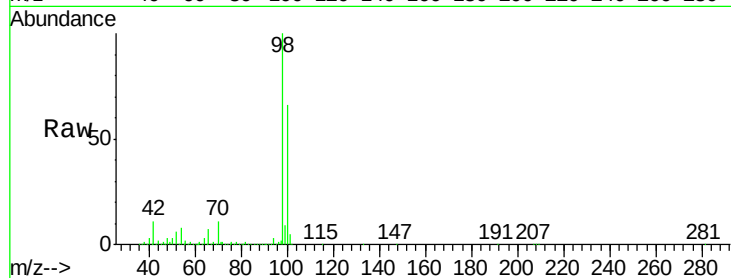




#50
Toluene-d8
Concen: 51.165 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016178.D
Acq: 13 May 2020 14:43

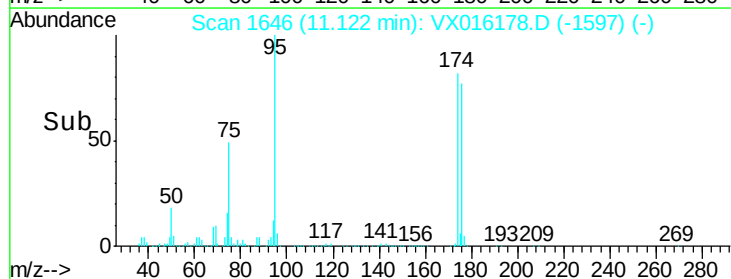
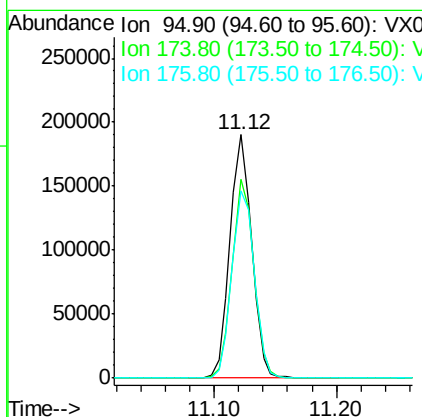
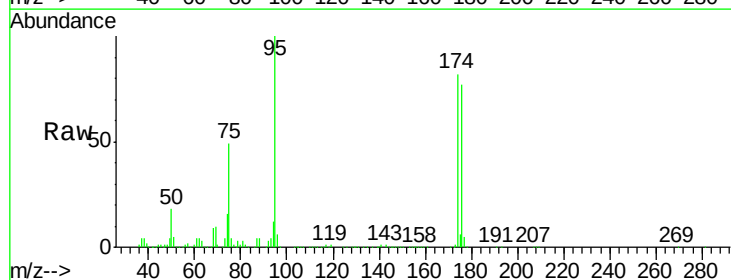
Instrument :
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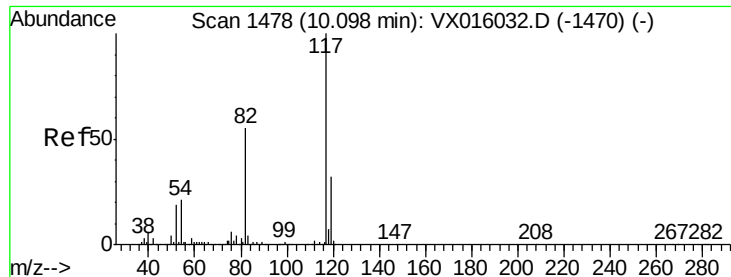
Tot Ion: 98 Resp: 590757
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 53.033 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016178.D
Acq: 13 May 2020 14:43

Tgt Ion: 95 Resp: 232897
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.4
176 79.8 0.0 157.6

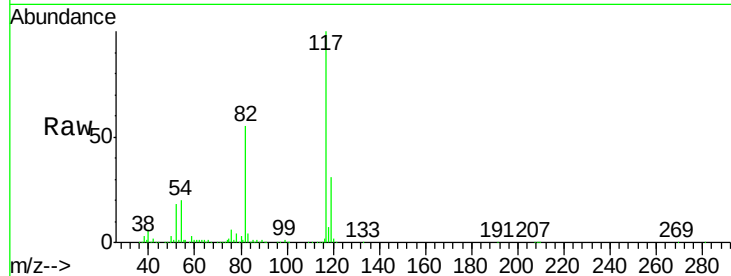




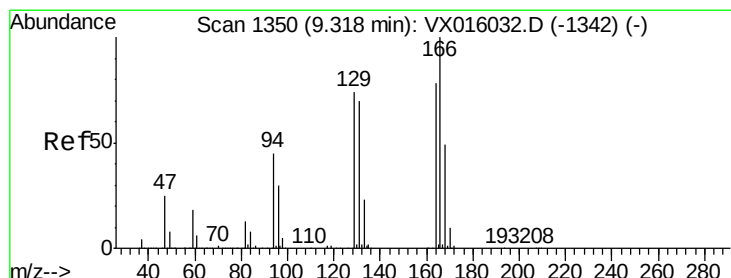
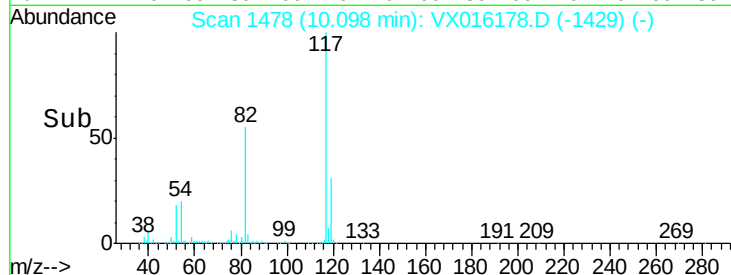
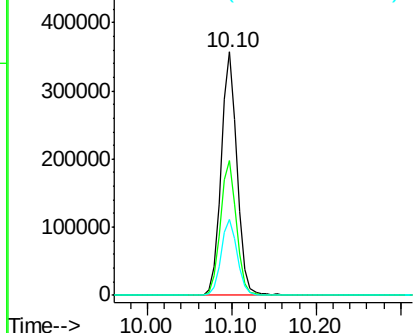
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016178.D
Acq: 13 May 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SS052MW764-200511

Tot Ion:117 Resp: 466847
Ion Ratio Lower Upper
117 100
82 55.2 44.4 66.6
119 31.3 25.5 38.3

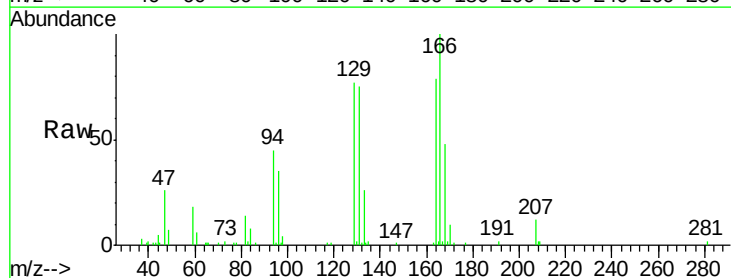


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

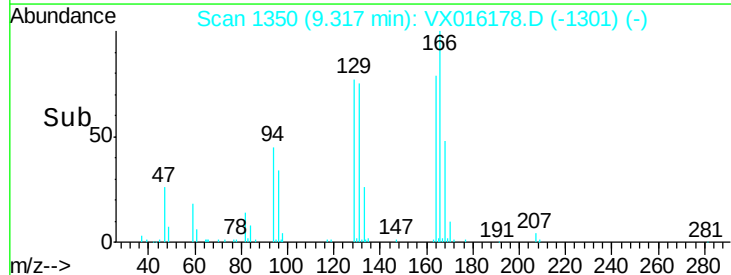
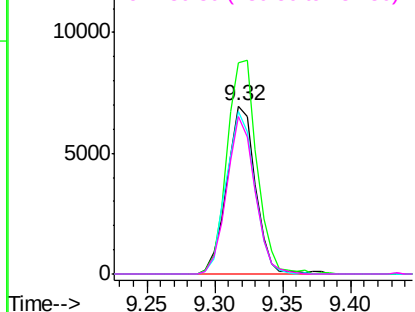


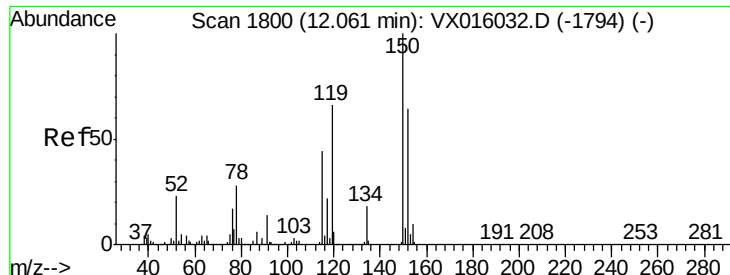
#64
Tetrachloroethene
Concen: 1.781 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016178.D
Acq: 13 May 2020 14:43

Tgt Ion:164 Resp: 10206
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 96.7 76.1 114.1
131 94.1 71.9 107.9



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: VX016178.D

Acq: 13 May 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW764-200511

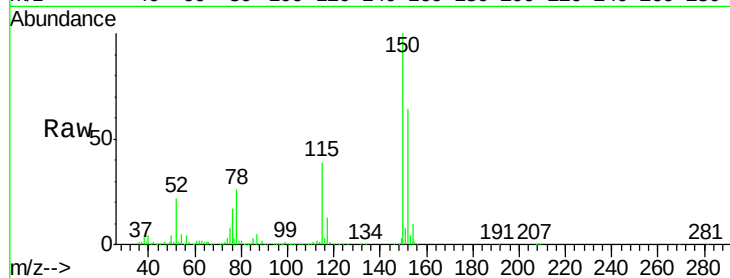
Tot Ion:152 Resp: 239290

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

150 155.1 0.0 352.2



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

