

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016177.D
 Acq On : 13 May 2020 14:20
 Operator : JC/SP
 Sample : L2597-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-200511

Quant Time: May 14 06:54:39 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

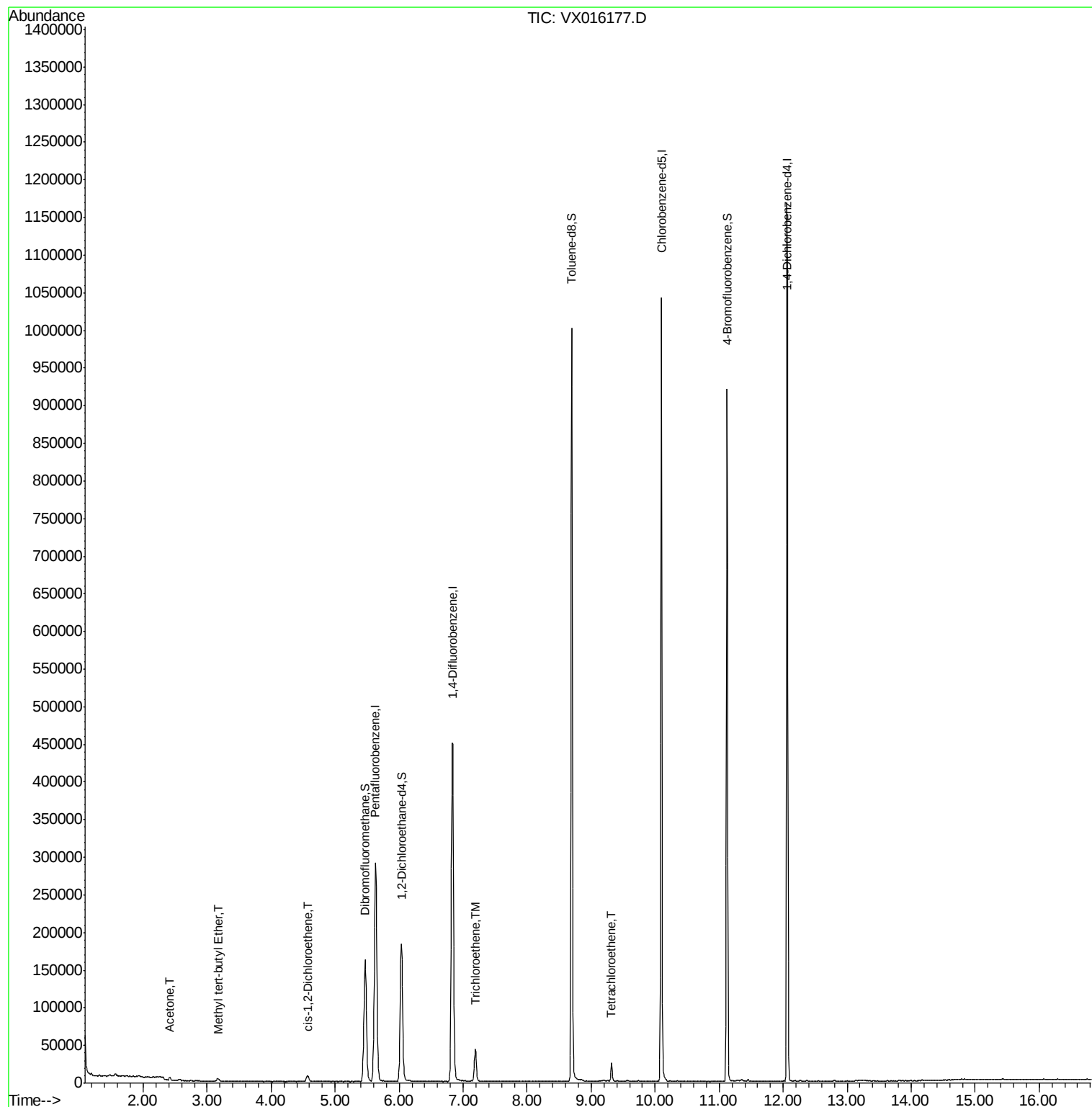
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	287699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	474364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	174789	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
35) Dibromofluoromethane	5.47	113	139107	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
50) Toluene-d8	8.70	98	590058	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.12	95	235614	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
Target Compounds						
16) Acetone	2.42	43	4211	2.493	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	3734	0.362	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	5050	1.386	ug/l	83
44) Trichloroethene	7.19	130	16126	3.322	ug/l	100
64) Tetrachloroethene	9.32	164	4689	0.815	ug/l	91

(#) = 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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016177.D

Acq: 13 May 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

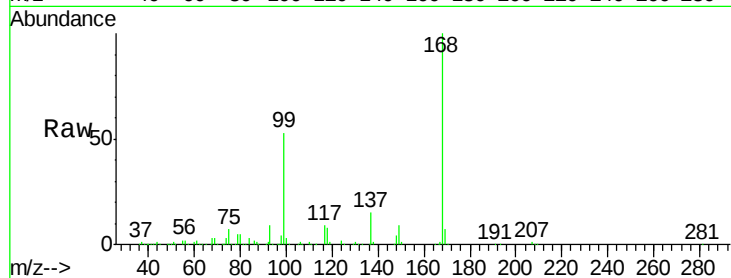
SS052MW271-200511

Tot Ion:168 Resp: 287699

Ion Ratio Lower Upper

168 100

99 52.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

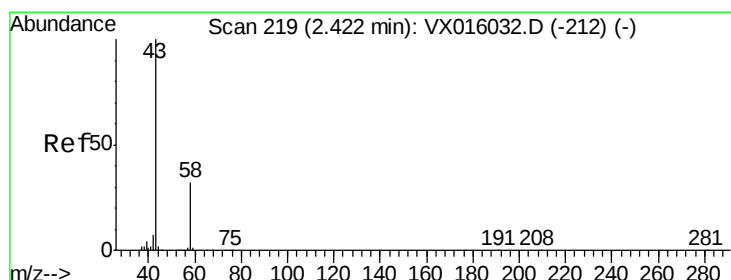
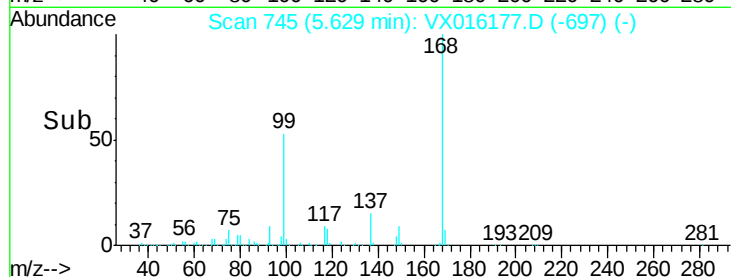
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.493 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016177.D

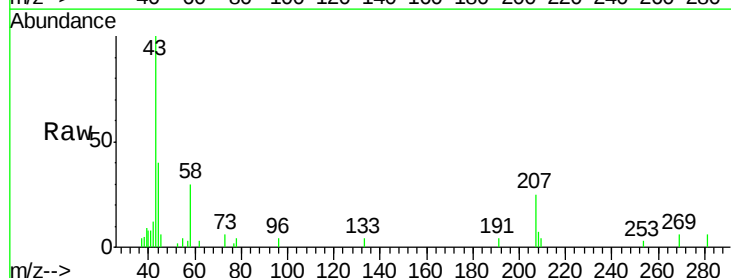
Acq: 13 May 2020 14:20

Tgt Ion: 43 Resp: 4211

Ion Ratio Lower Upper

43 100

58 30.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2500

2000

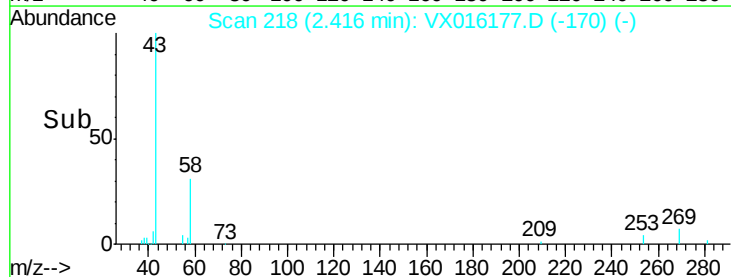
1500

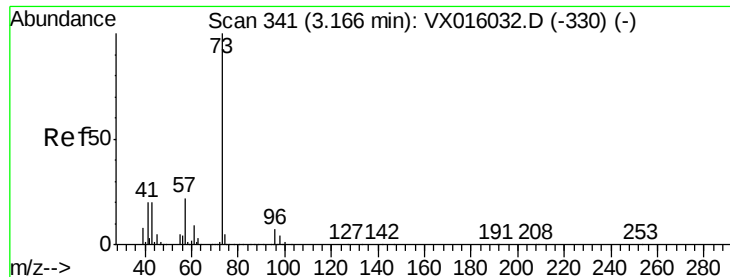
1000

500

0

Time-->



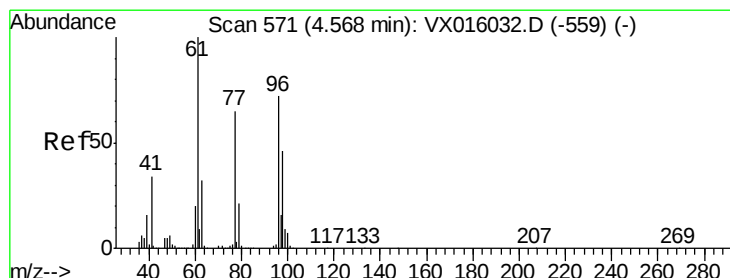
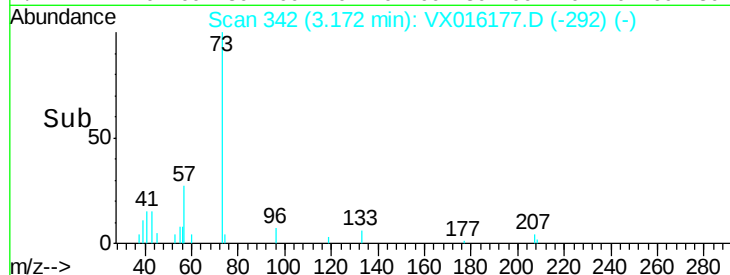
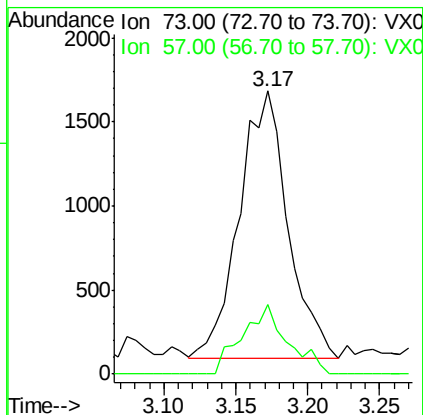
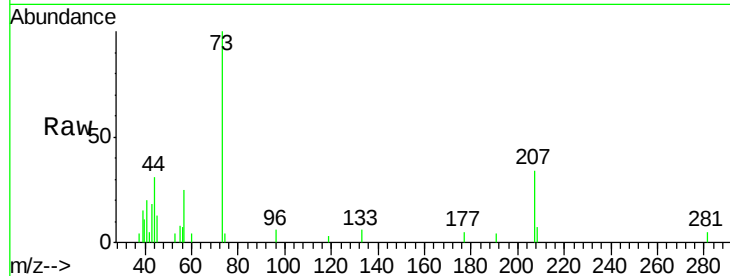


#19

Methyl tert-butyl Ether
 Concen: 0.362 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016177.D
 Acq: 13 May 2020 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-200511

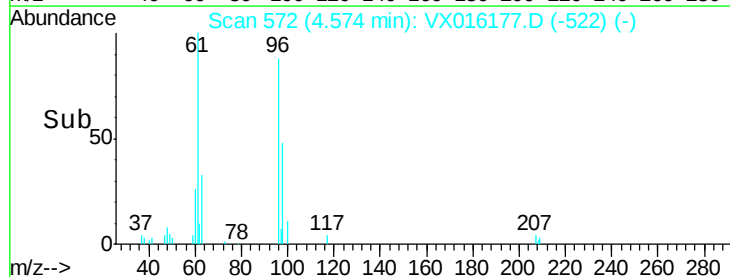
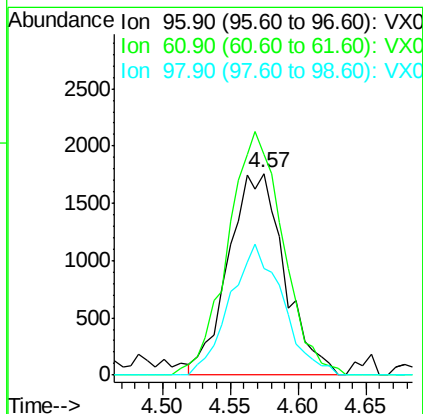
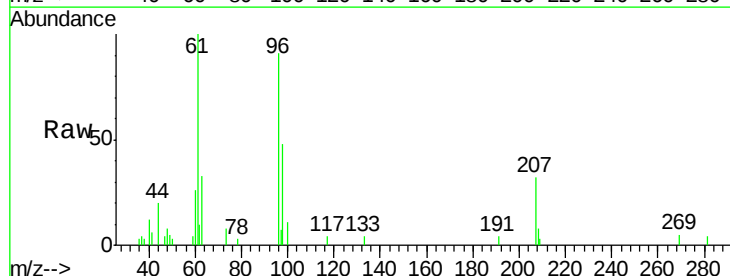
Tot Ion: 73 Resp: 3734
 Ion Ratio Lower Upper
 73 100
 57 26.2 17.8 26.6

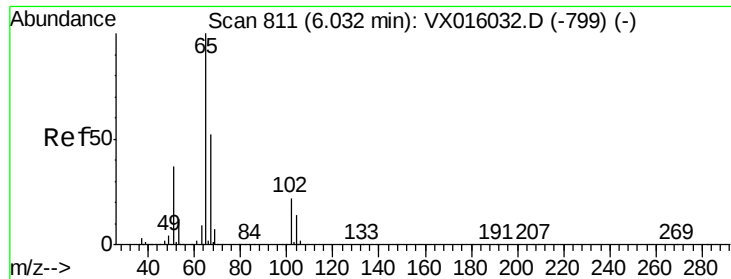


#27

cis-1,2-Dichloroethene
 Concen: 1.386 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX016177.D
 Acq: 13 May 2020 14:20

Tgt Ion: 96 Resp: 5050
 Ion Ratio Lower Upper
 96 100
 61 119.4 0.0 296.2
 98 61.5 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 46.169 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016177.D

Acq: 13 May 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

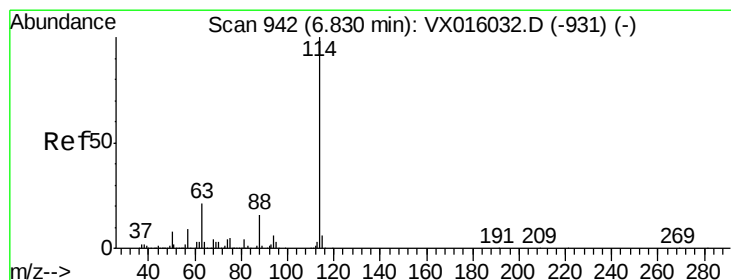
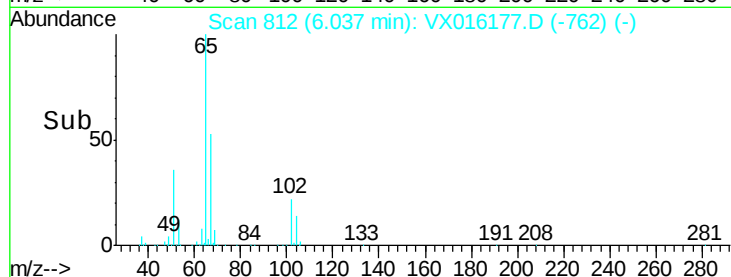
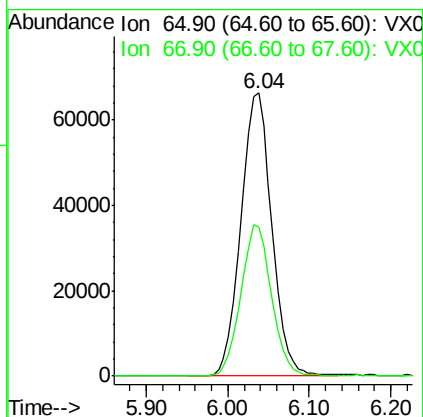
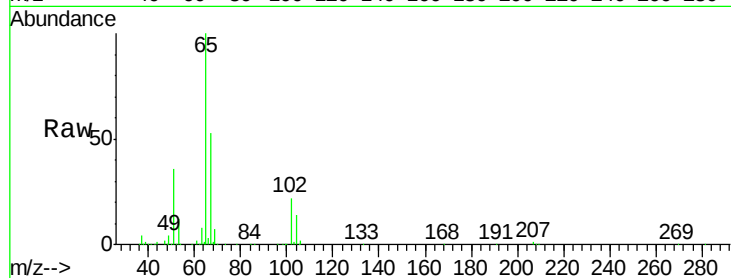
SS052MW271-200511

Tot Ion: 65 Resp: 174789

Ion Ratio Lower Upper

65 100

67 53.1 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: VX016177.D

Acq: 13 May 2020 14:20

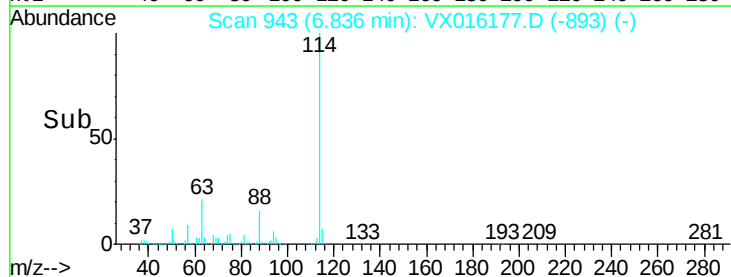
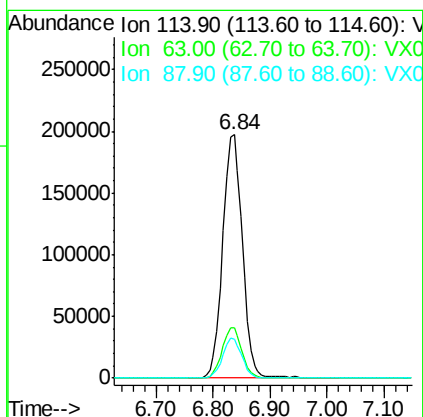
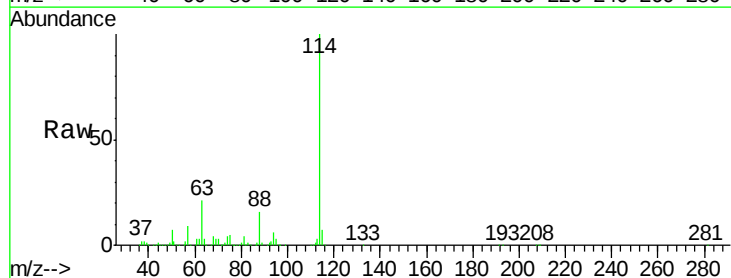
Tgt Ion: 114 Resp: 474364

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.287 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016177.D

Acq: 13 May 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-200511

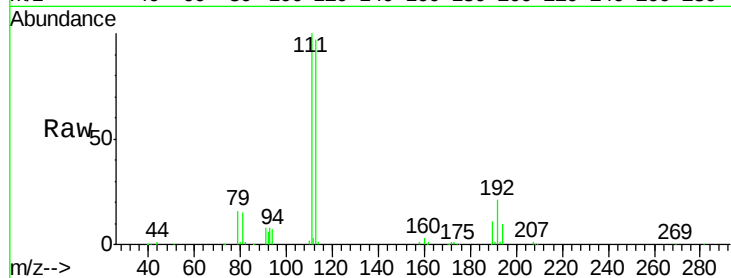
Tot Ion:113 Resp: 139107

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

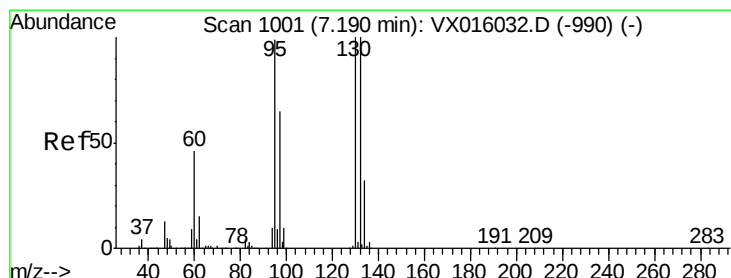
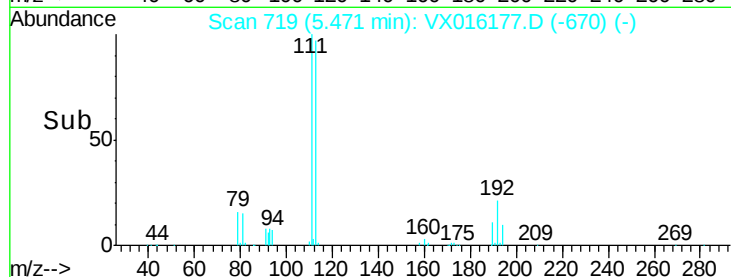
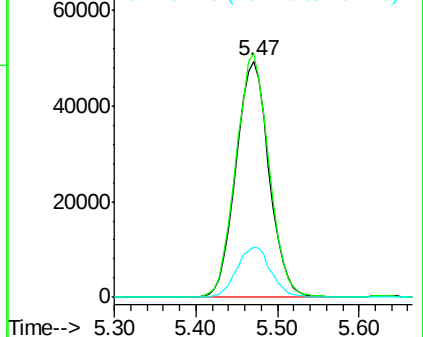
192 21.8 17.0 25.4



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: 3.322 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016177.D

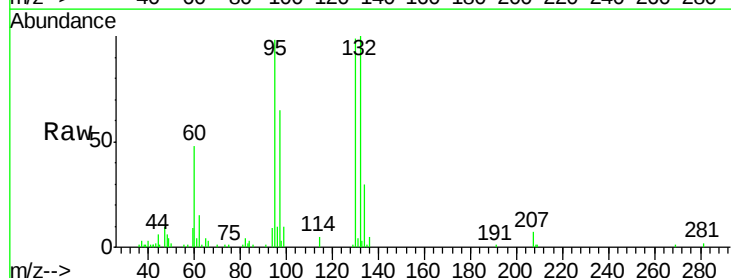
Acq: 13 May 2020 14:20

Tgt Ion:130 Resp: 16126

Ion Ratio Lower Upper

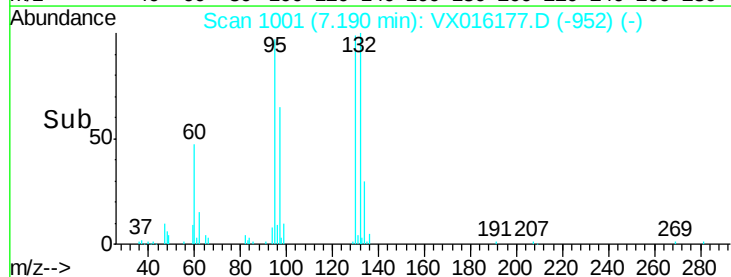
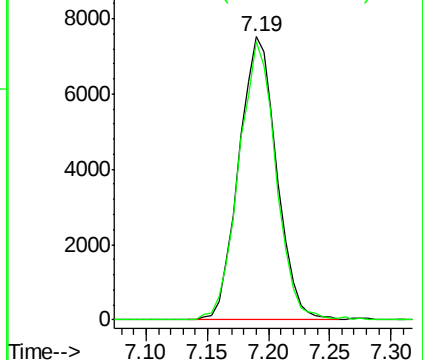
130 100

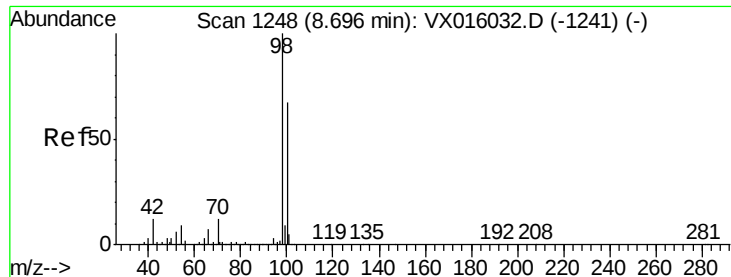
95 98.5 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.957 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016177.D

Acq: 13 May 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

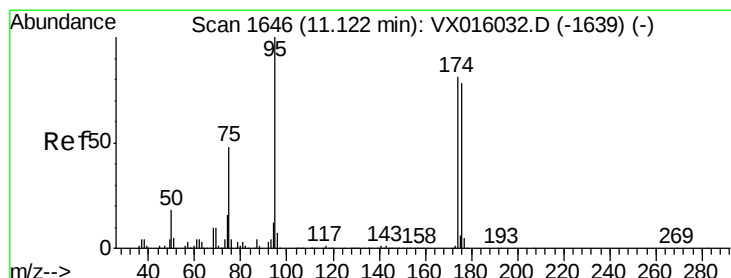
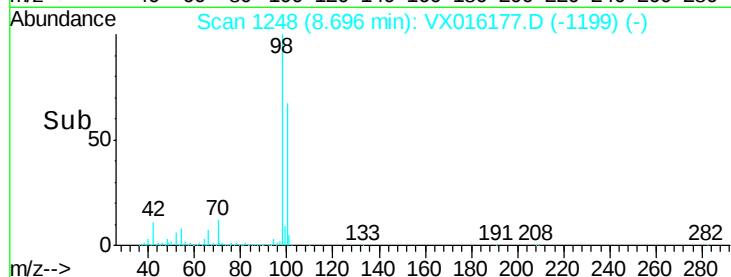
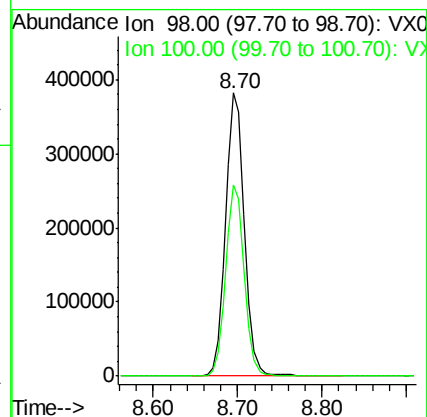
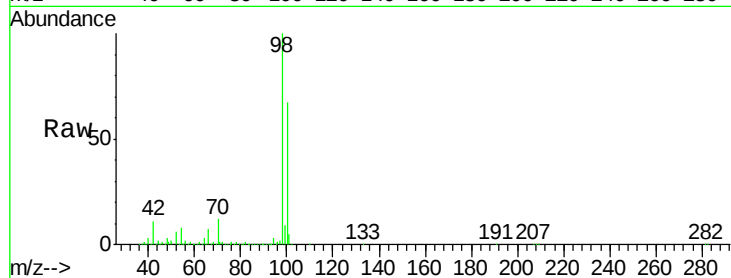
SS052MW271-200511

Tot Ion: 98 Resp: 590058

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.496 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016177.D

Acq: 13 May 2020 14:20

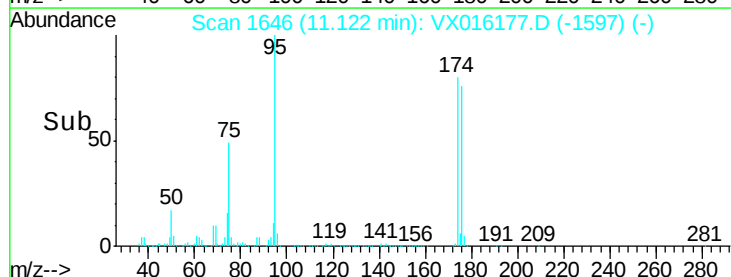
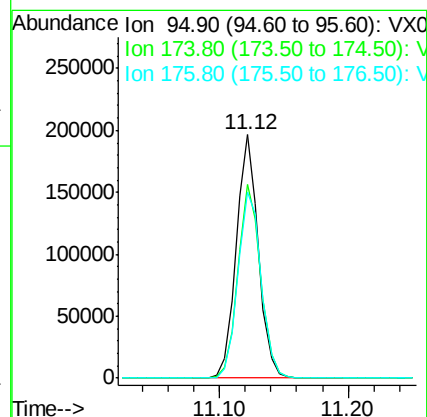
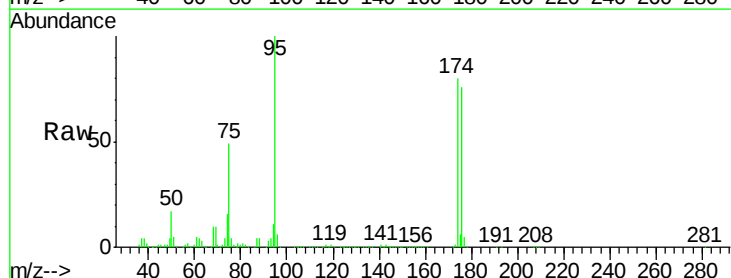
Tgt Ion: 95 Resp: 235614

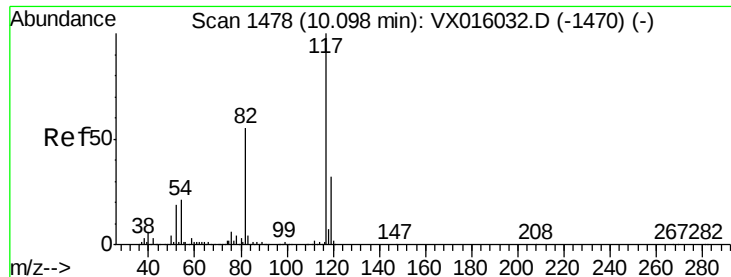
Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

176 80.4 0.0 157.6

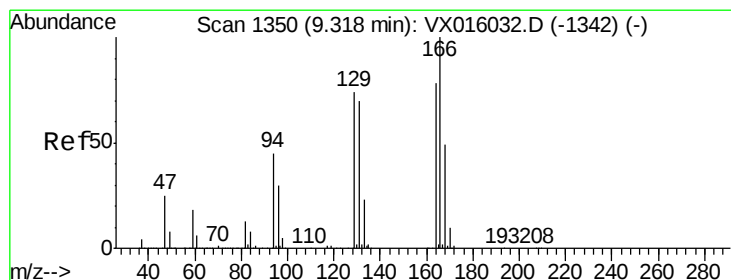
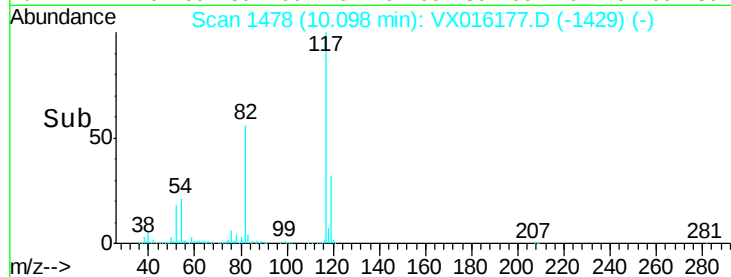
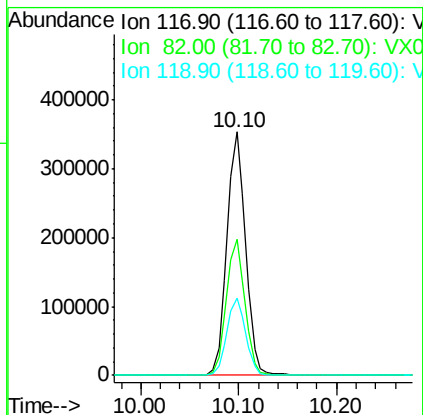
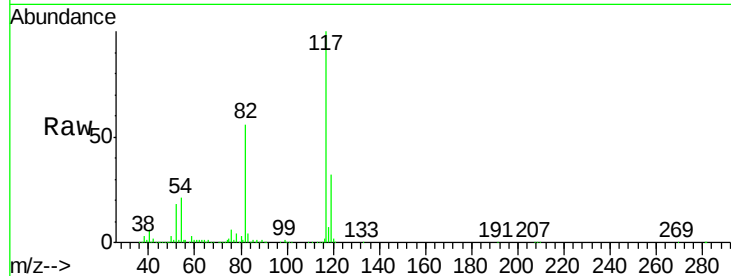




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016177.D
Acq: 13 May 2020 14:20

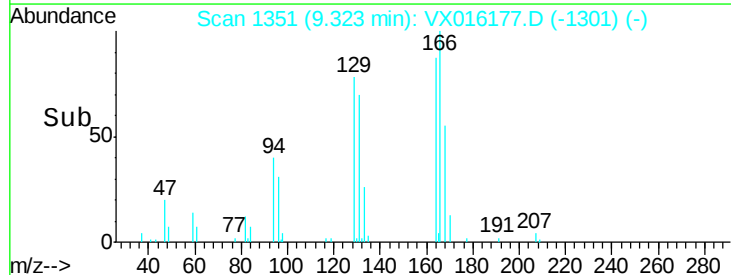
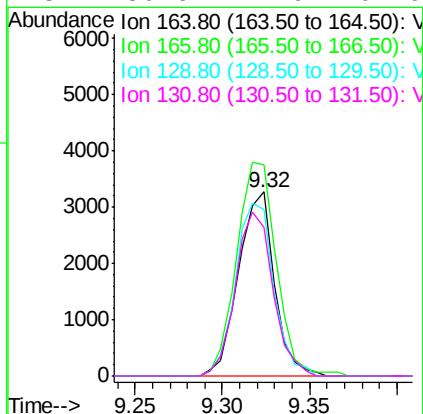
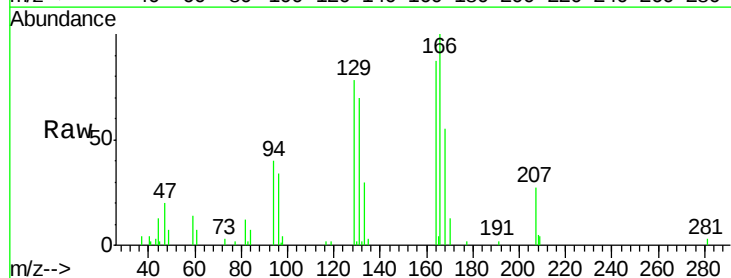
Instrument :
MSVOA_X
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SS052MW271-200511

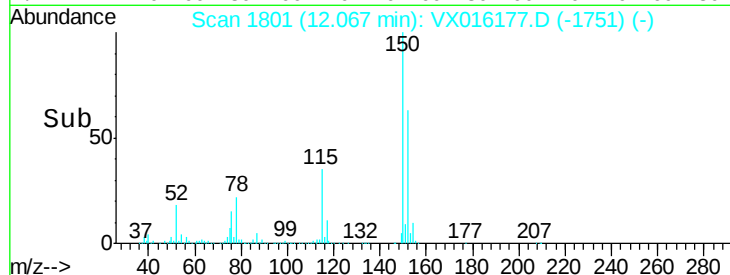
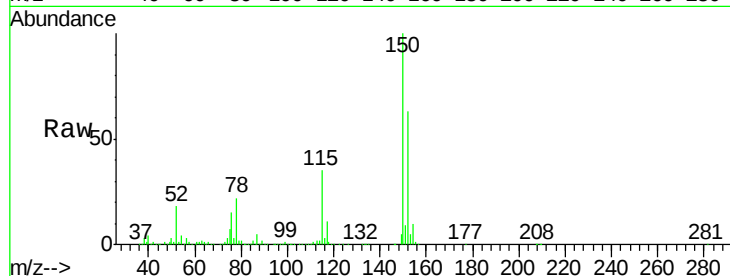
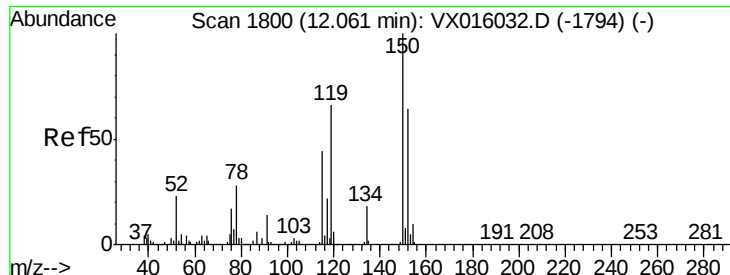
Tot Ion:117 Resp: 468758
Ion Ratio Lower Upper
117 100
82 55.8 44.4 66.6
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.815 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016177.D
Acq: 13 May 2020 14:20

Tgt Ion:164 Resp: 4689
Ion Ratio Lower Upper
164 100
166 115.0 102.9 154.3
129 90.3 76.1 114.1
131 80.6 71.9 107.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: VX016177.D
 Acq: 13 May 2020 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-200511

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.3	124.1
150	159.7	0.0	352.2

