

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016235.D
 Acq On : 14 May 2020 16:46
 Operator : JC/SP
 Sample : L2643-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW101-200513

Quant Time: May 15 02:25:15 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

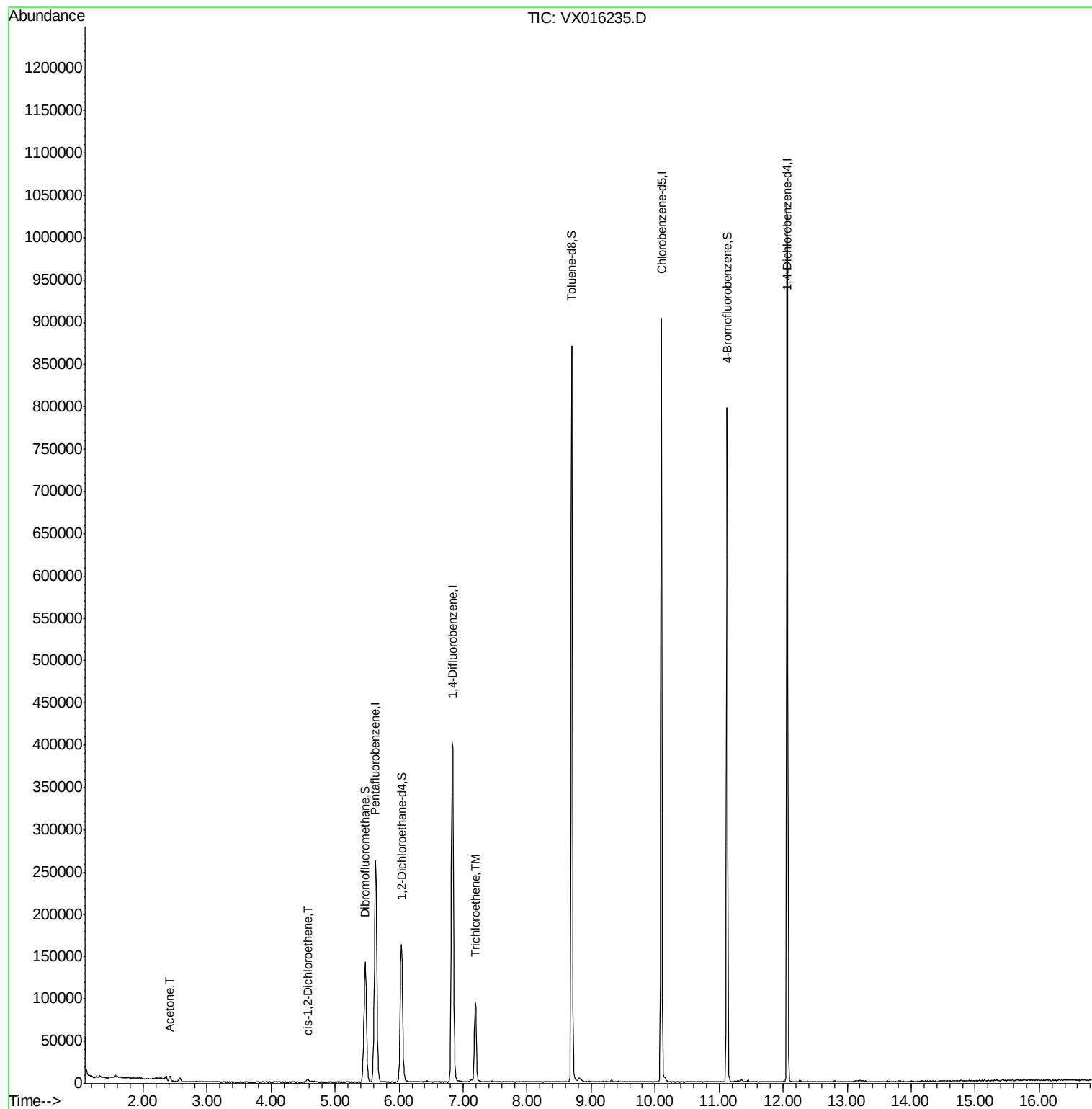
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	258348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	417393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	155148	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
35) Dibromofluoromethane	5.47	113	123999	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.70	98	523681	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.12	95	209600	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
Target Compounds						
16) Acetone	2.42	43	5565	3.669	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	1788	0.546	ug/l	91
44) Trichloroethene	7.19	130	37287	8.731	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016235.D

Acq: 14 May 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

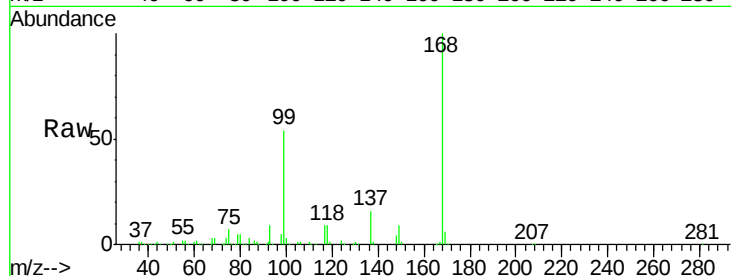
SS052MW101-200513

Tot Ion:168 Resp: 258348

Ion Ratio Lower Upper

168 100

99 54.3 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

100000

80000

60000

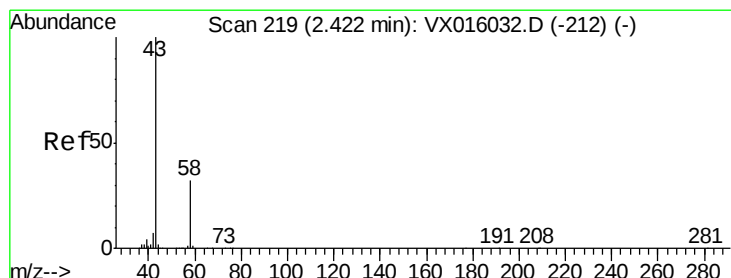
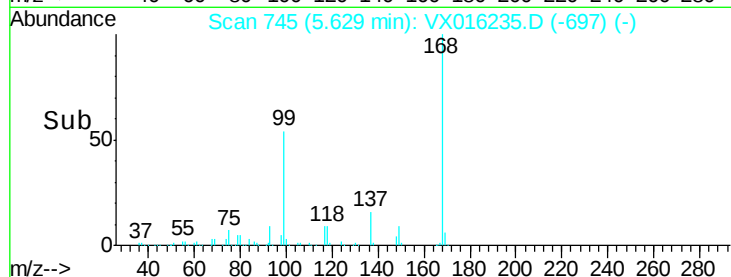
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.669 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016235.D

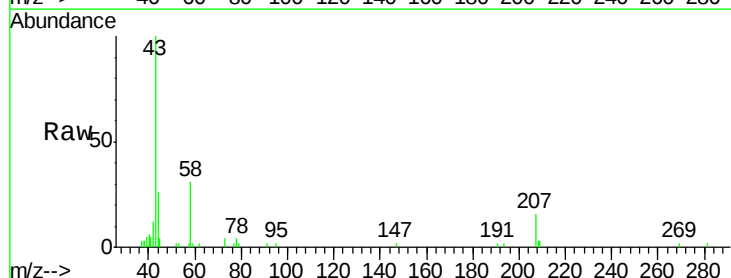
Acq: 14 May 2020 16:46

Tgt Ion: 43 Resp: 5565

Ion Ratio Lower Upper

43 100

58 31.5 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

4000

3000

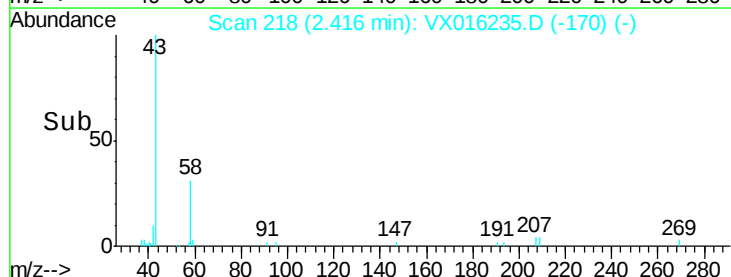
2000

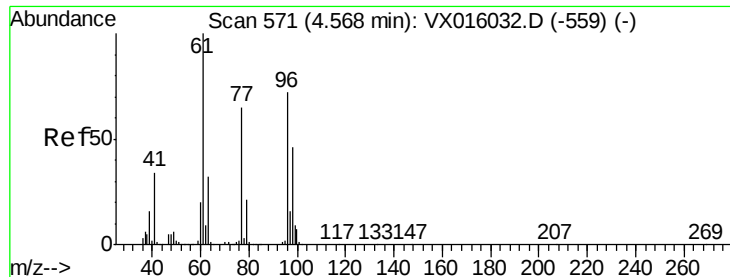
1000

0

Time-->

2.35 2.40 2.45 2.50



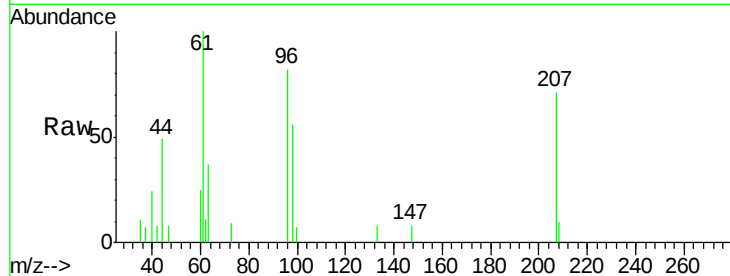


#27

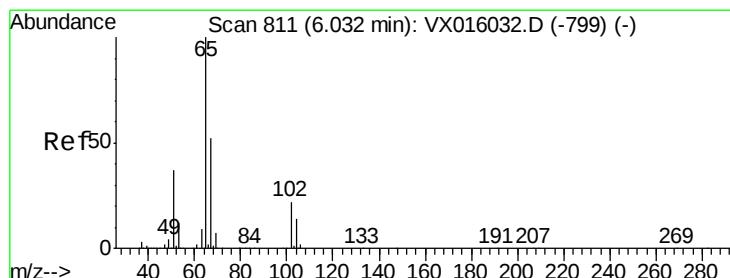
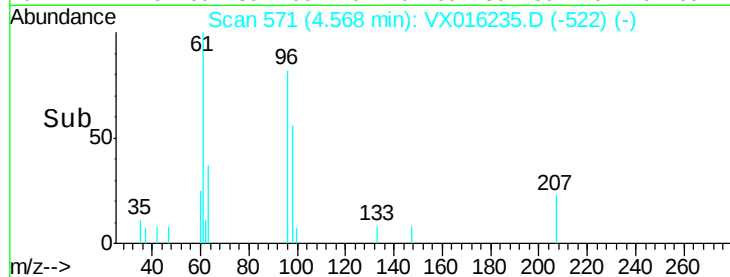
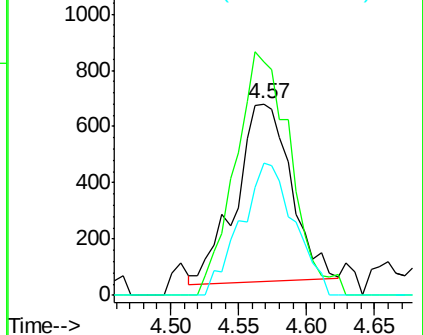
cis-1,2-Dichloroethene
Concen: 0.546 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016235.D
Acq: 14 May 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS052MW101-200513

Tot Ion: 96 Resp: 1788
Ion Ratio Lower Upper
96 100
61 137.5 0.0 296.2
98 72.4 0.0 129.4



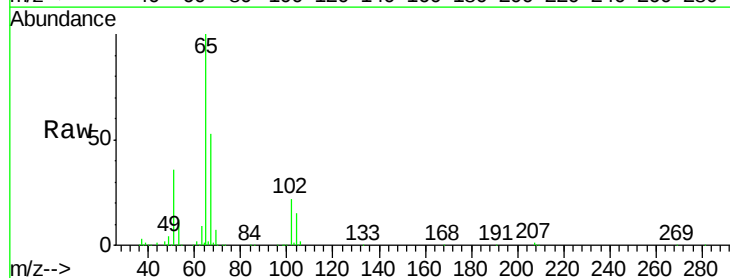
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



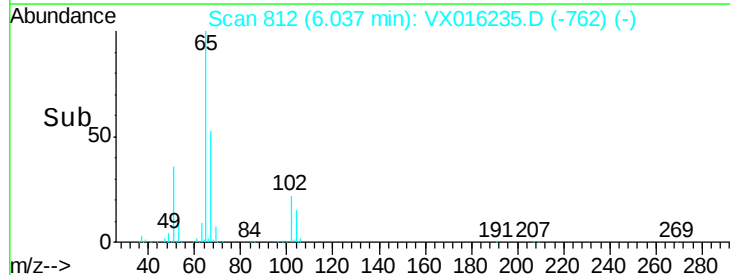
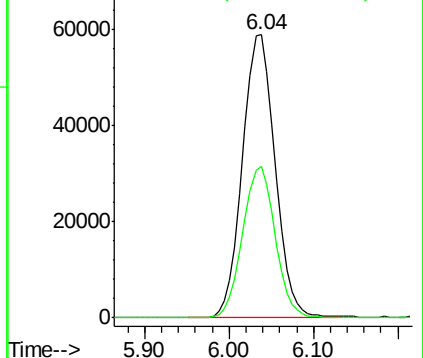
#33

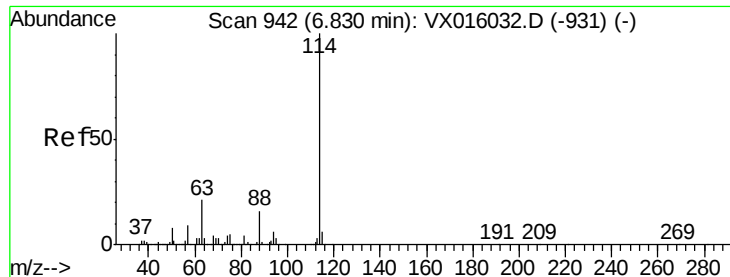
1,2-Dichloroethane-d4
Concen: 45.637 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016235.D
Acq: 14 May 2020 16:46

Tgt Ion: 65 Resp: 155148
Ion Ratio Lower Upper
65 100
67 53.1 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: VX016235.D

Acq: 14 May 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW101-200513

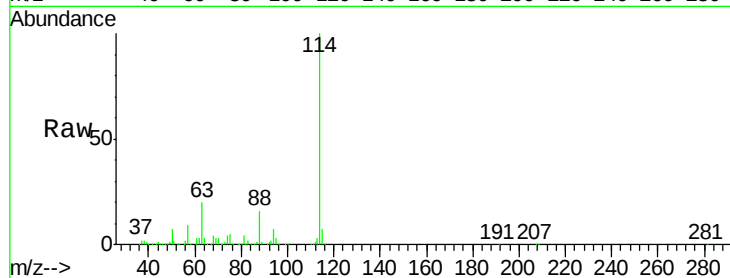
Tot Ion:114 Resp: 417393

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

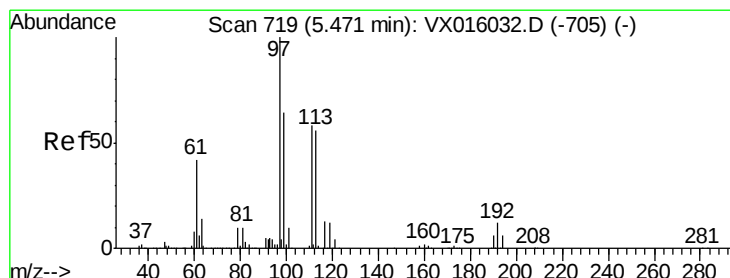
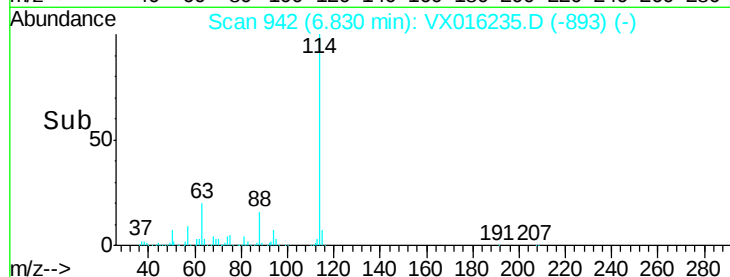
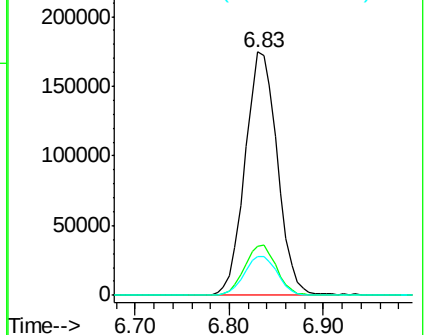
88 16.0 0.0 31.4



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: 46.892 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016235.D

Acq: 14 May 2020 16:46

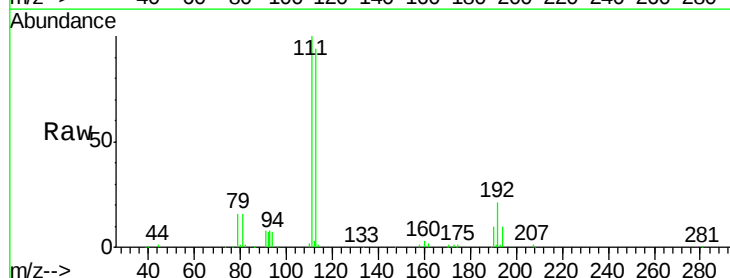
Tgt Ion:113 Resp: 123999

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

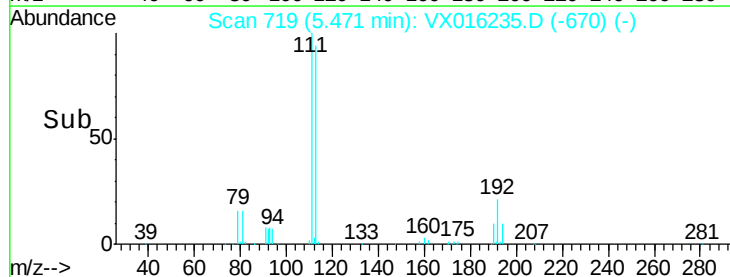
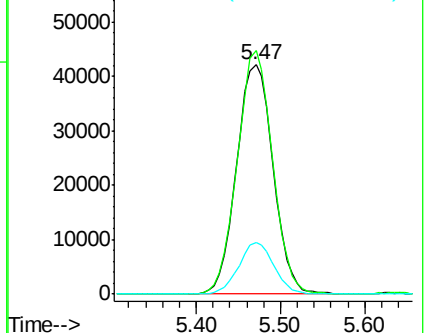
192 21.5 17.0 25.4

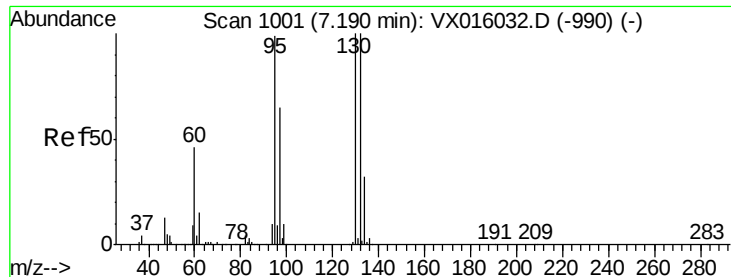


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.731 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016235.D

Acq: 14 May 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

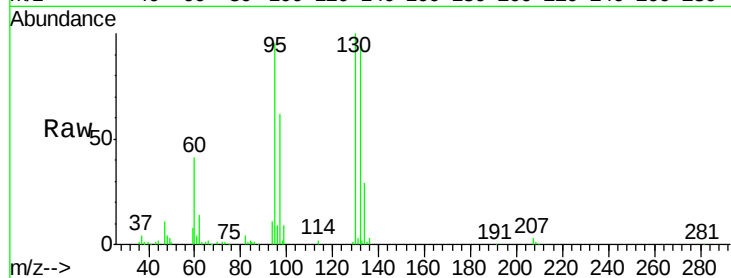
SS052MW101-200513

Tot Ion:130 Resp: 37287

Ion Ratio Lower Upper

130 100

95 95.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

20000

15000

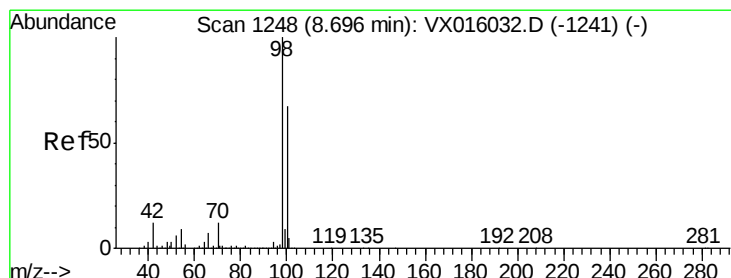
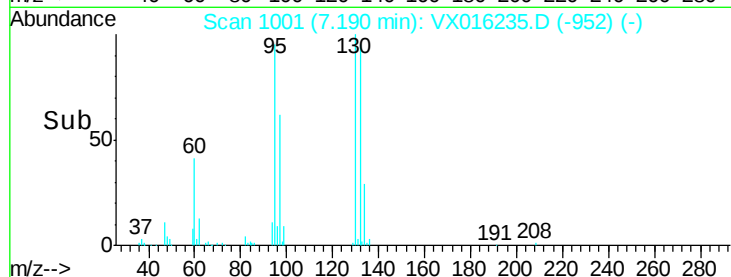
10000

5000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 51.397 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016235.D

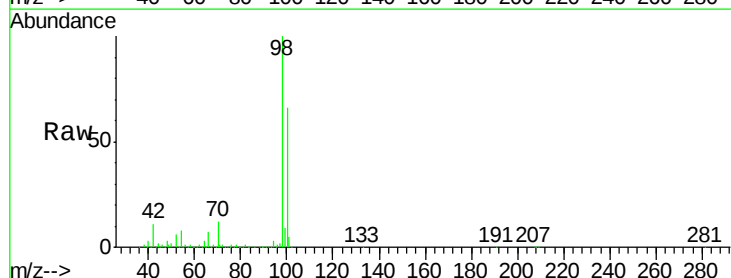
Acq: 14 May 2020 16:46

Tgt Ion: 98 Resp: 523681

Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

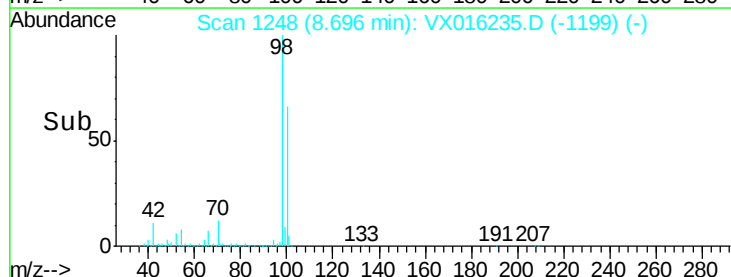
200000

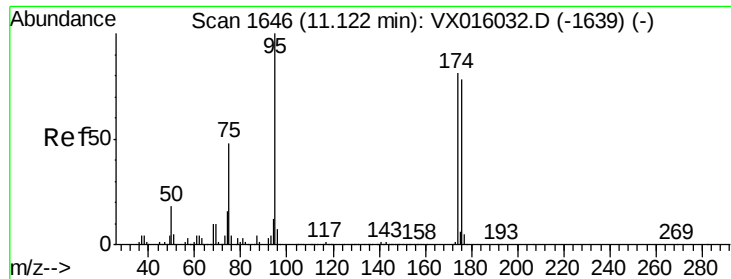
100000

0

Time-->

8.60 8.65 8.70 8.75 8.80





#62

4-Bromofluorobenzene

Concen: 54.085 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016235.D

Acq: 14 May 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW101-200513

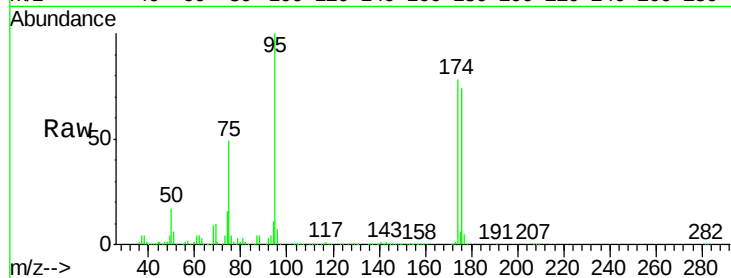
Tot Ion: 95 Resp: 209600

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.4

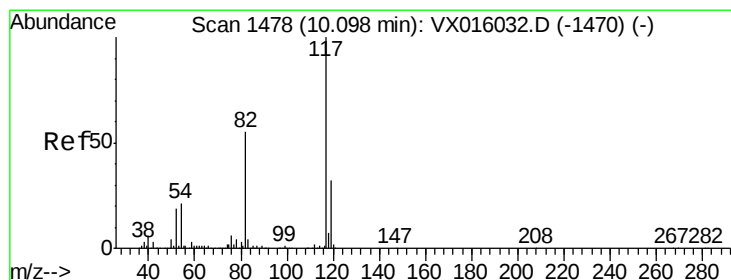
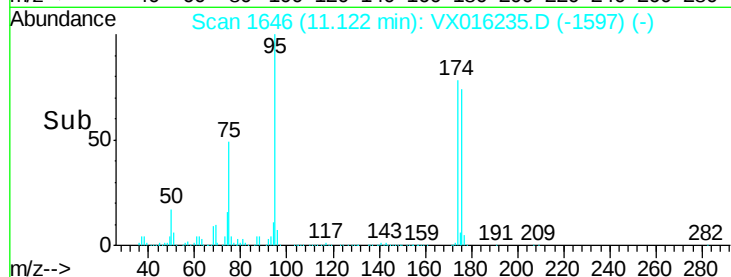
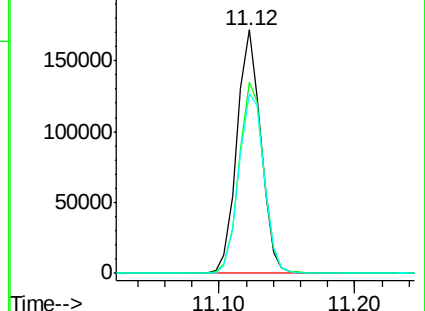
176 78.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016235.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016235.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016235.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016235.D

Acq: 14 May 2020 16:46

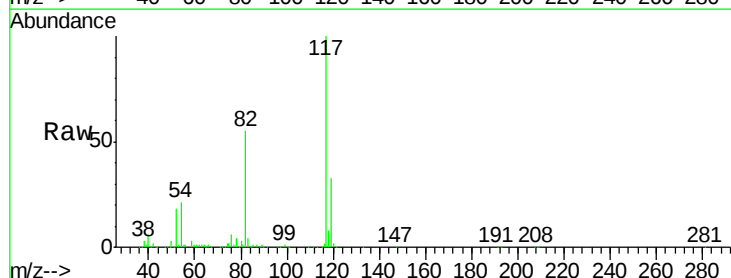
Tgt Ion: 117 Resp: 417847

Ion Ratio Lower Upper

117 100

82 55.2 44.4 66.6

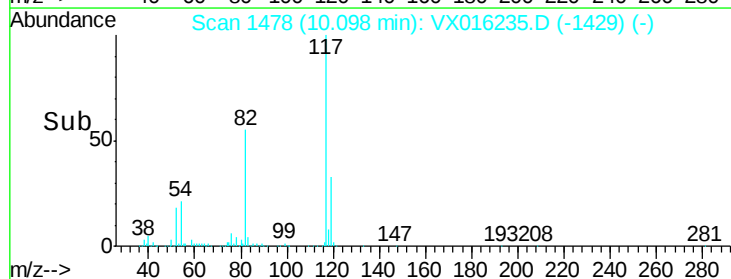
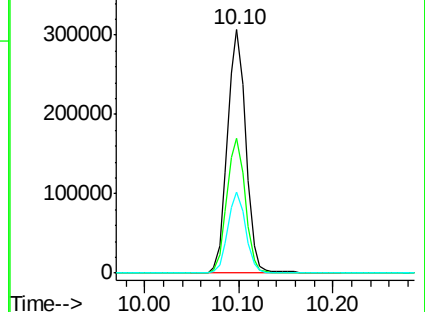
119 33.1 25.5 38.3

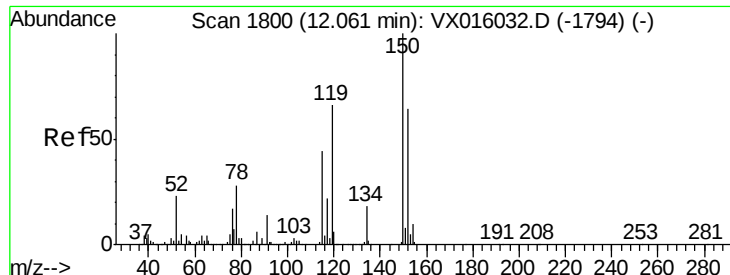


Abundance Ion 116.90 (116.60 to 117.60): VX016235.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016235.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016235.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016235.D

Acq: 14 May 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW101-200513

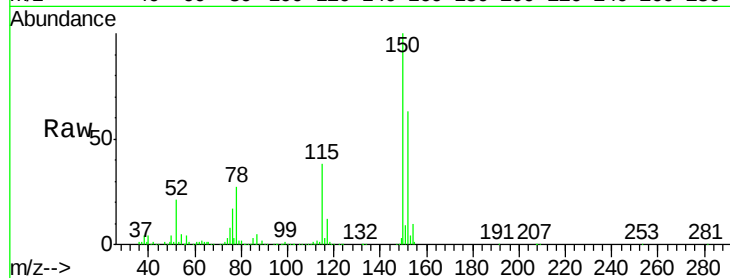
Tot Ion:152 Resp: 217166

Ion Ratio Lower Upper

152 100

115 58.0 41.3 124.1

150 157.3 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

