

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016225.D
 Acq On : 14 May 2020 13:00
 Operator : JC/SP
 Sample : L2576-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-F05194

Quant Time: May 15 09:16:02 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

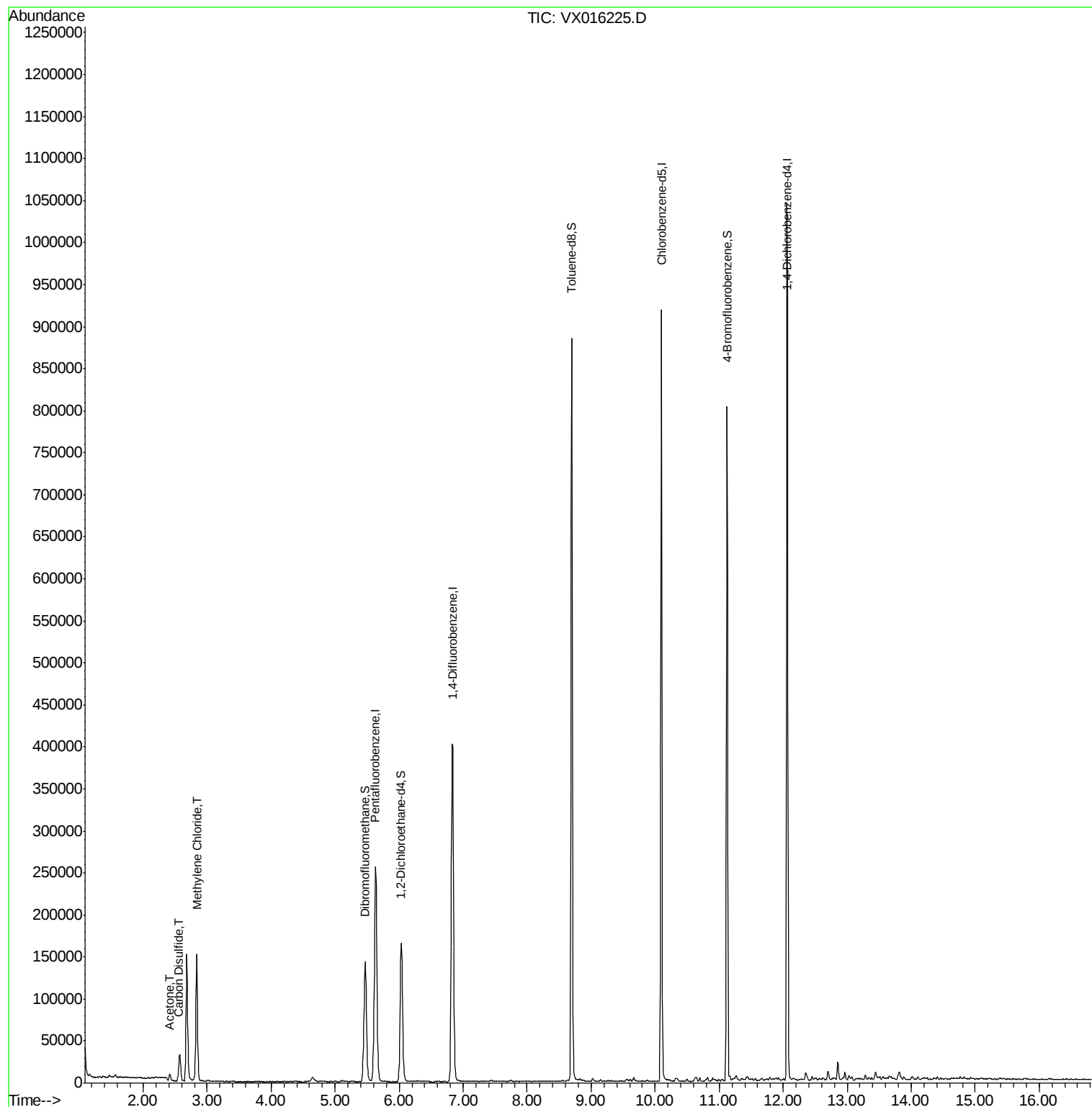
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	420584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	158097	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.47	113	124851	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	8.70	98	520164	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	210358	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
16) Acetone	2.42	43	8297	5.554	ug/l	96
17) Carbon Disulfide	2.56	76	10815	1.160	ug/l	96
20) Methylene Chloride	2.84	84	70632	22.937	ug/l	99

(#) = 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: VX016225.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

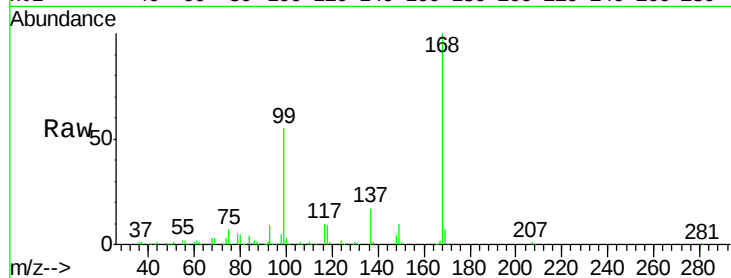
FRAC-TANK-F05194

Tot Ion:168 Resp: 254413

Ion Ratio Lower Upper

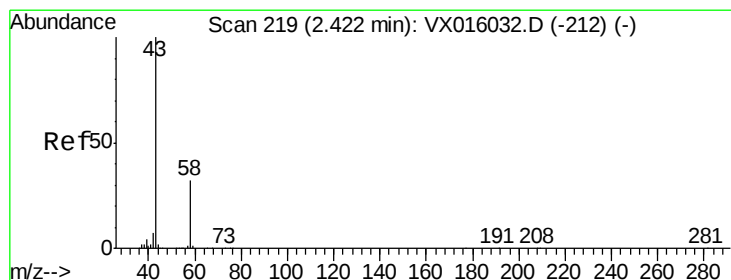
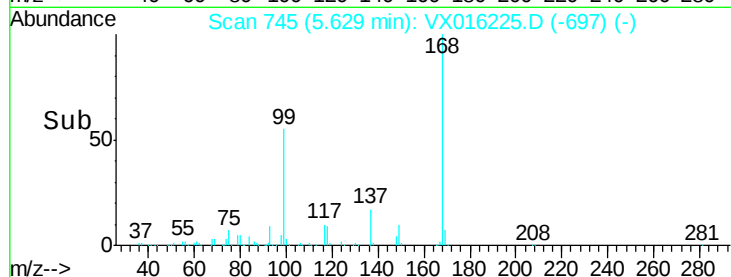
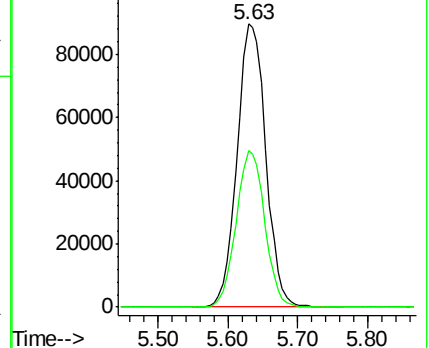
168 100

99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.554 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016225.D

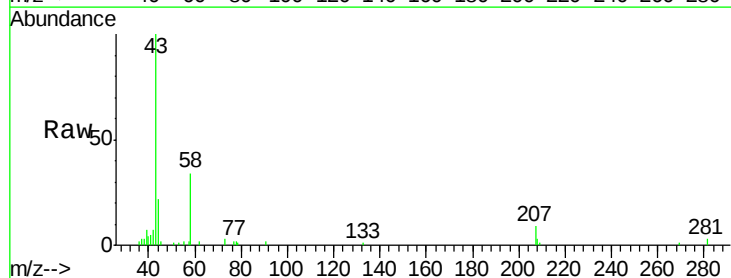
Acq: 14 May 2020 13:00

Tgt Ion: 43 Resp: 8297

Ion Ratio Lower Upper

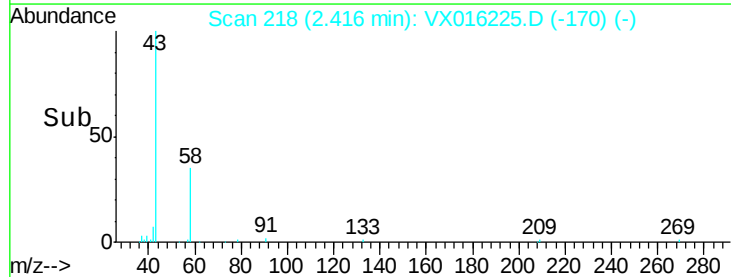
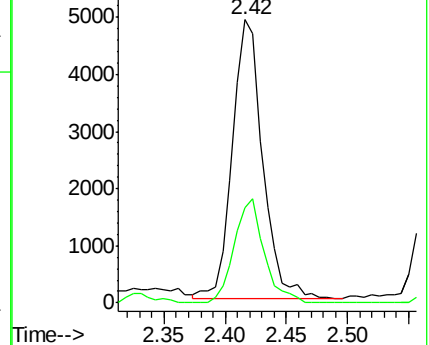
43 100

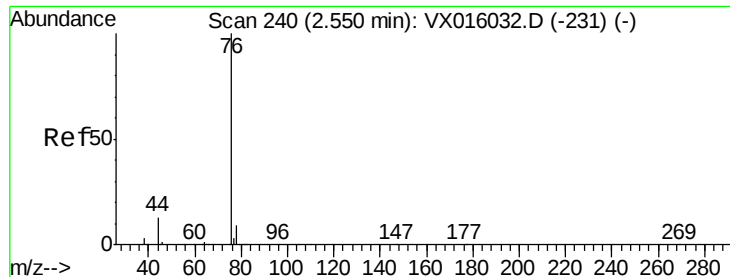
58 34.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.160 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

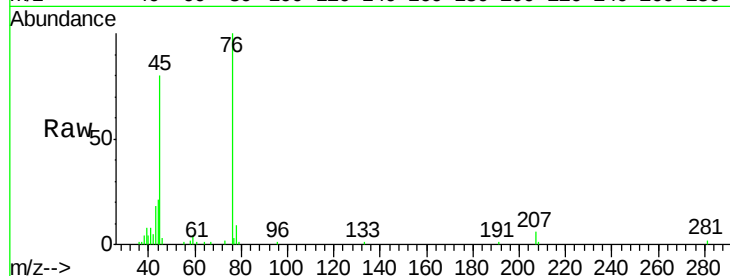
FRAC-TANK-F05194

Tot Ion: 76 Resp: 10815

Ion Ratio Lower Upper

76 100

78 7.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

8000

6000

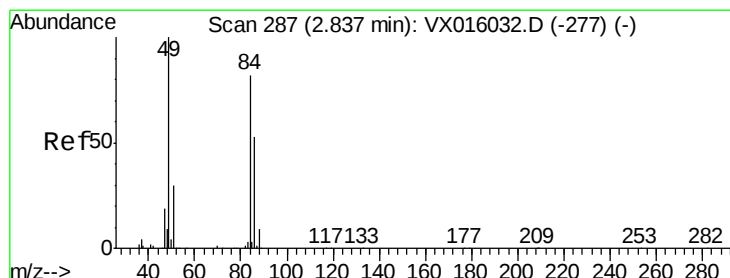
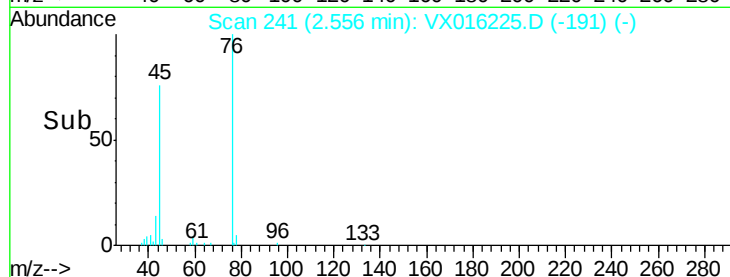
4000

2000

0

Time-->

2.50 2.55 2.60 2.65



#20

Methylene Chloride

Concen: 22.937 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

Tgt Ion: 84 Resp: 70632

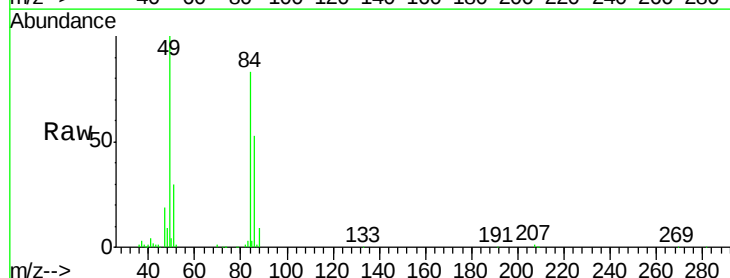
Ion Ratio Lower Upper

84 100

49 120.6 97.3 145.9

51 35.9 29.3 43.9

86 64.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

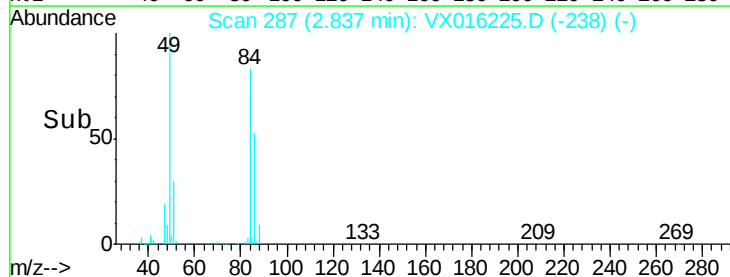
40000

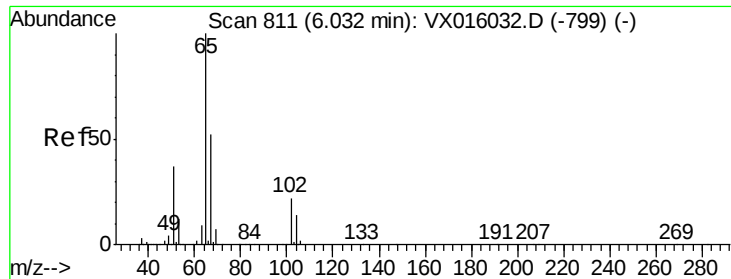
20000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 47.224 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

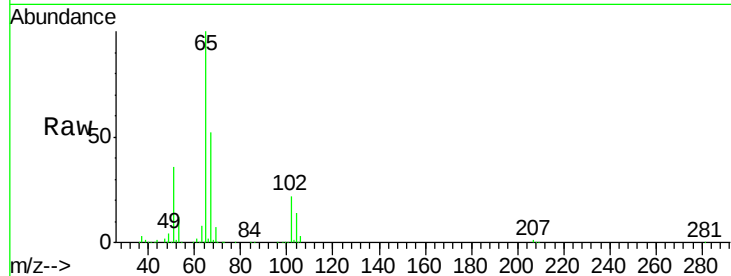
FRAC-TANK-F05194

Tot Ion: 65 Resp: 158097

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

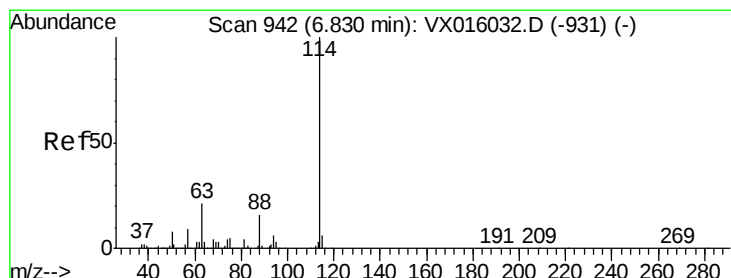
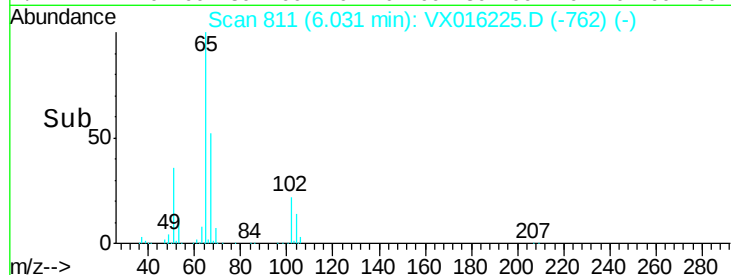
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

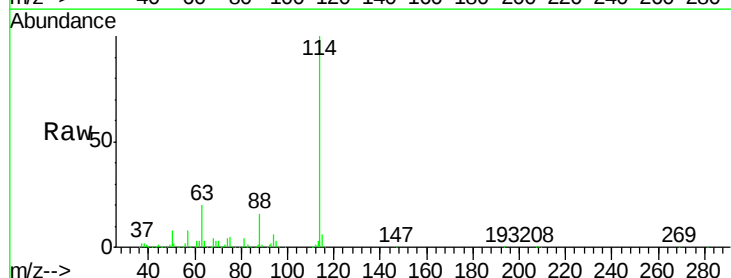
Tgt Ion: 114 Resp: 420584

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.2 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

6.84

200000

150000

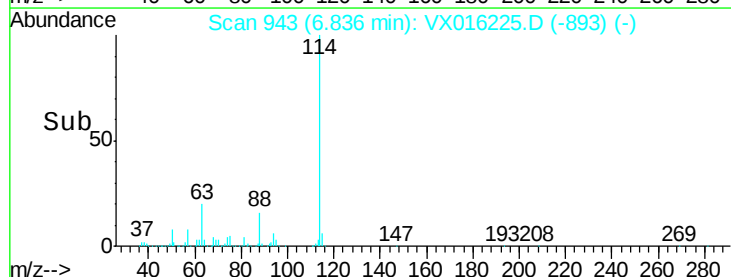
100000

50000

0

Time-->

6.70 6.80 6.90 7.00

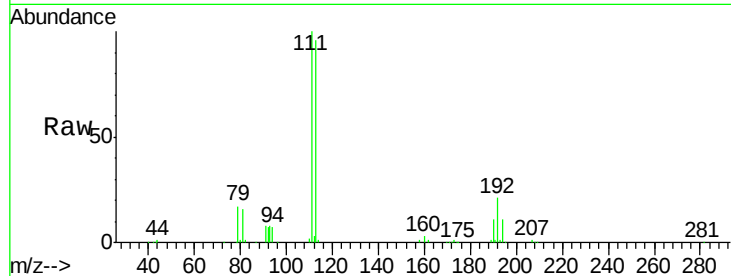




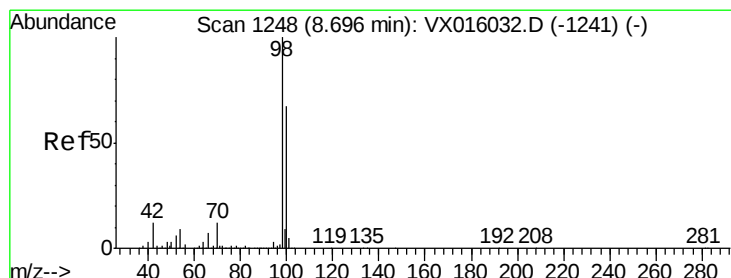
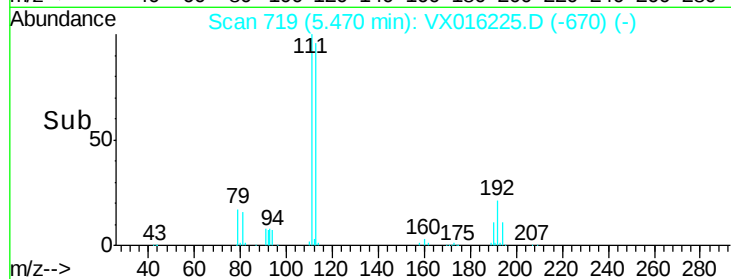
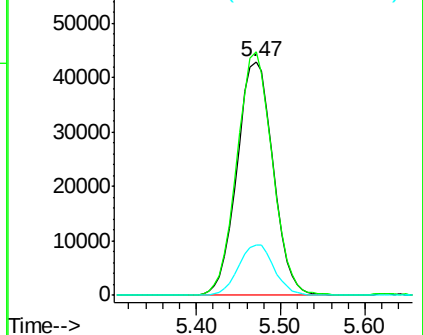
#35
 Dibromofluoromethane
 Concen: 46.856 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016225.D
 Acq: 14 May 2020 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-F05194

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	21.3	17.0	25.4

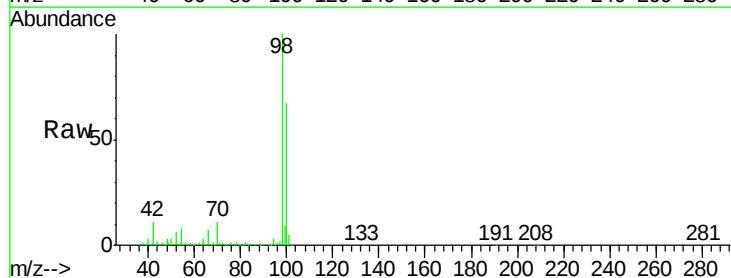


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

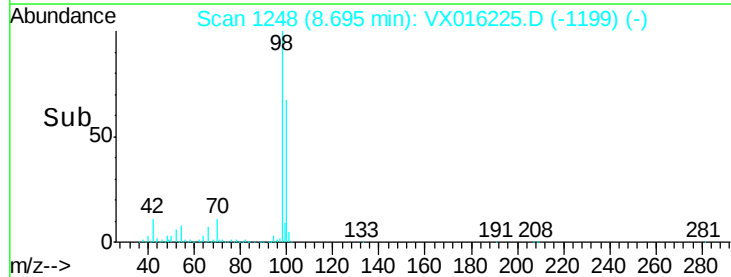
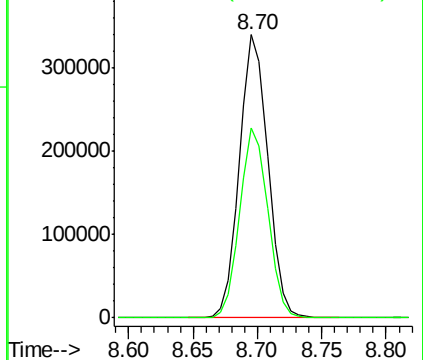


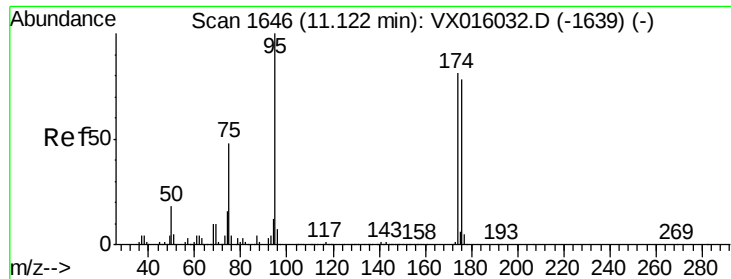
#50
 Toluene-d8
 Concen: 50.665 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016225.D
 Acq: 14 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.869 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-F05194

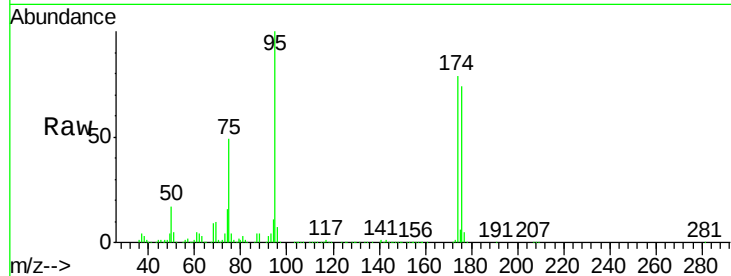
Tot Ion: 95 Resp: 210358

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

176 77.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)

11.12

200000

150000

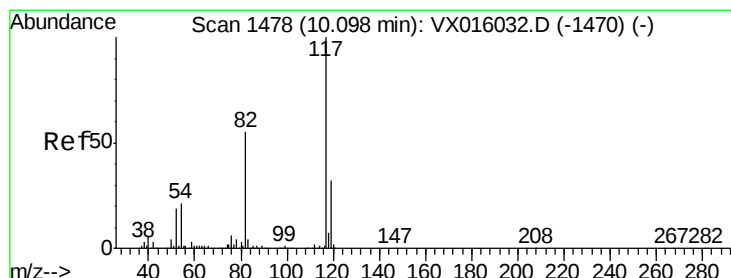
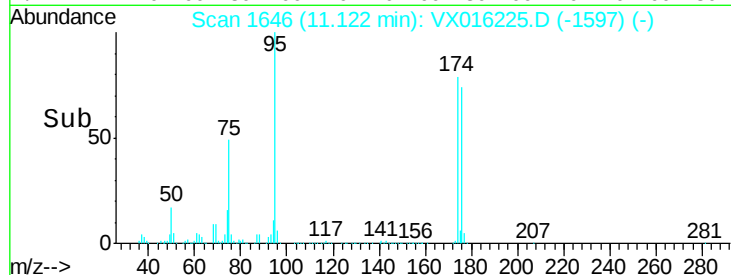
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

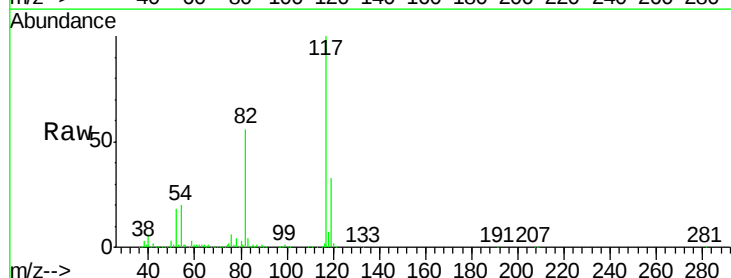
Tgt Ion: 117 Resp: 417817

Ion Ratio Lower Upper

117 100

82 56.3 44.4 66.6

119 33.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)

10.10

400000

300000

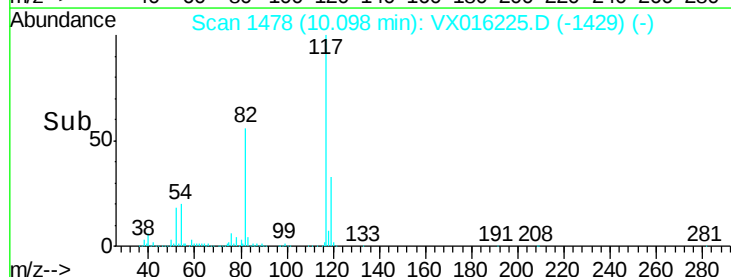
200000

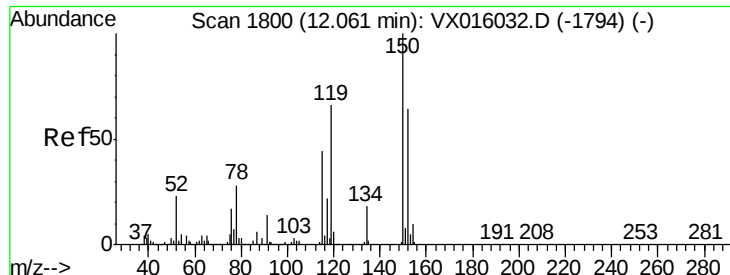
100000

0

10.00 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016225.D

Acq: 14 May 2020 13:00

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FRAC-TANK-F05194

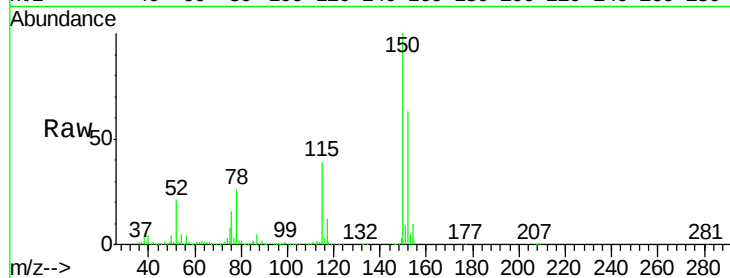
Tot Ion:152 Resp: 215530

Ion Ratio Lower Upper

152 100

115 58.8 41.3 124.1

150 155.2 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

