

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016227.D
 Acq On : 14 May 2020 13:45
 Operator : JC/SP
 Sample : L2643-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB8-200513

Quant Time: May 15 02:05:30 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

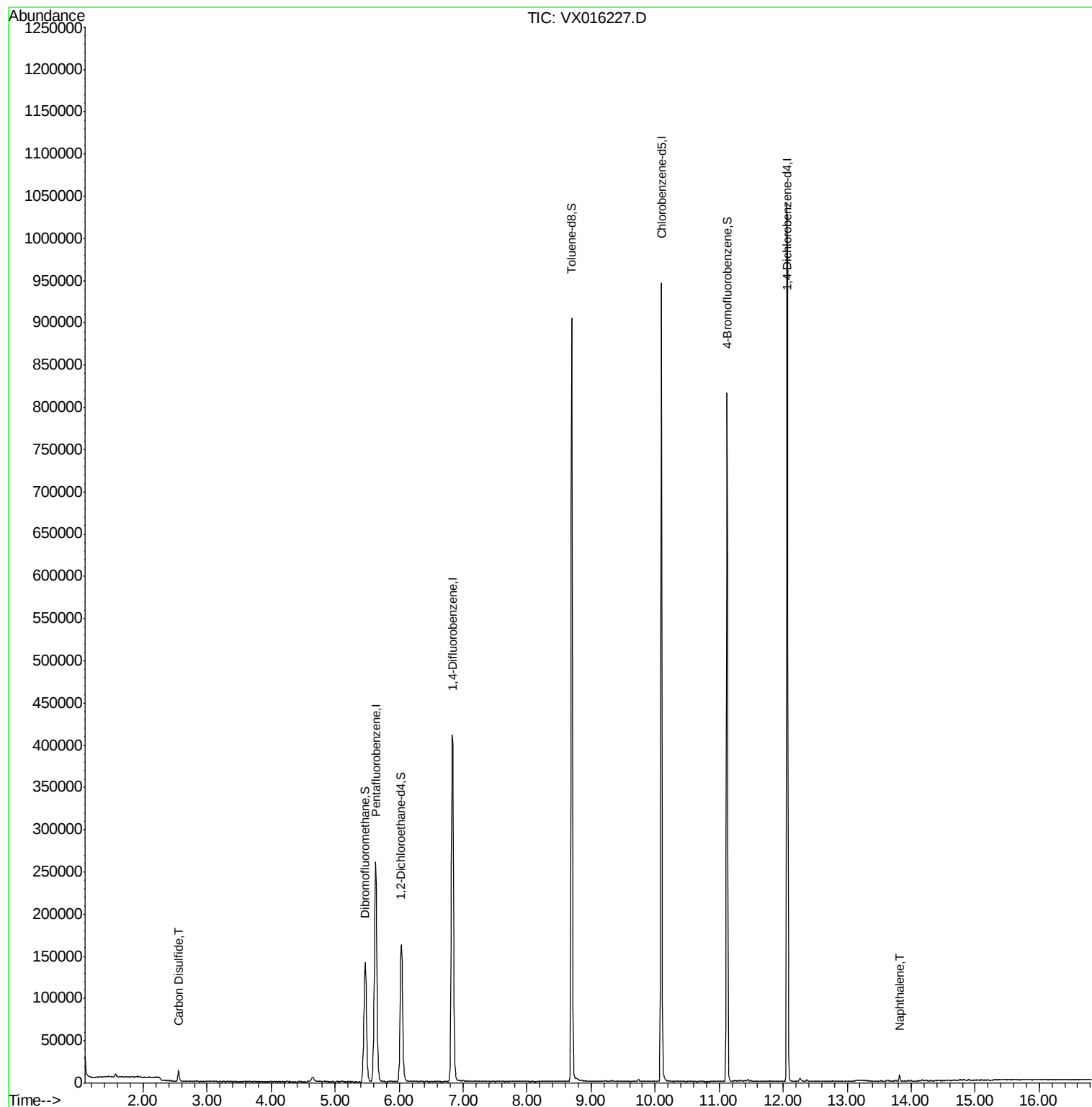
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	158026	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
35) Dibromofluoromethane	5.46	113	125884	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	8.70	98	536589	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.12	95	213190	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
Target Compounds						
17) Carbon Disulfide	2.55	76	15839	1.780	ug/l	96
95) Naphthalene	13.82	128	3858	0.227	ug/l	98

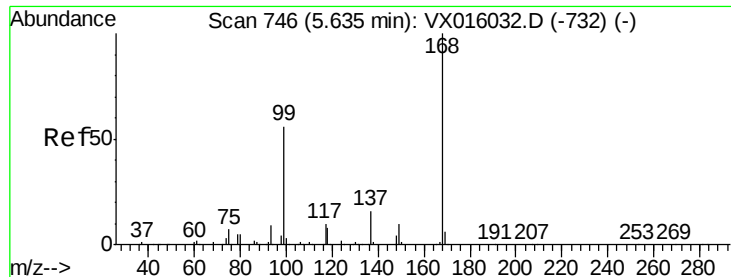
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016227.D

Acq: 14 May 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

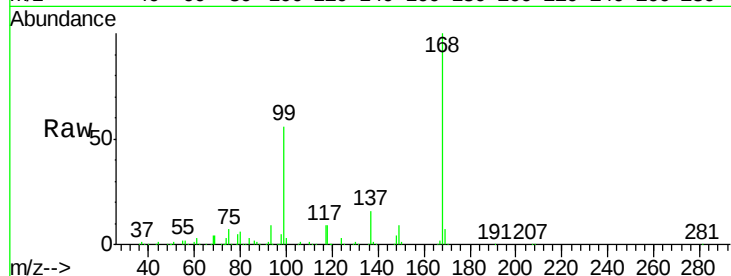
Z4-TB8-200513

Tot Ion:168 Resp: 256251

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

40000

20000

0

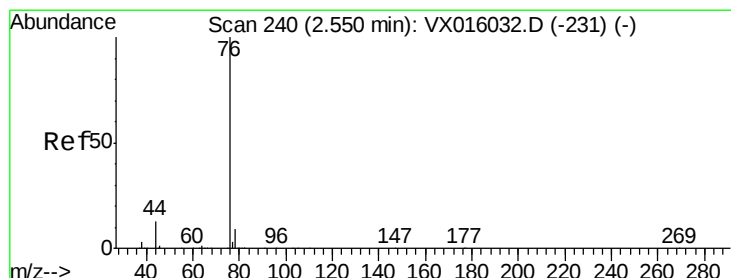
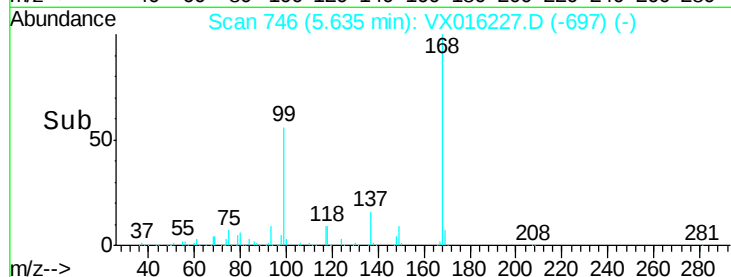
Time-->

5.50

5.60

5.70

5.80



#17

Carbon Disulfide

Concen: 1.780 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016227.D

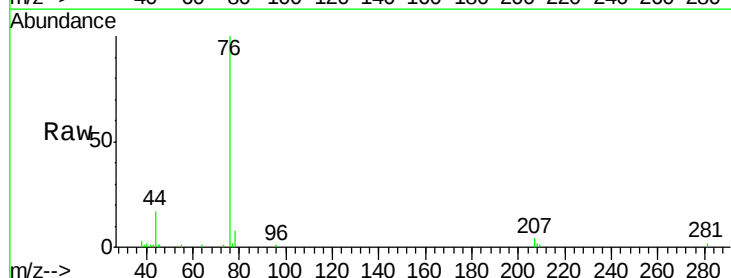
Acq: 14 May 2020 13:45

Tgt Ion: 76 Resp: 15839

Ion Ratio Lower Upper

76 100

78 7.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

10000

8000

6000

4000

2000

0

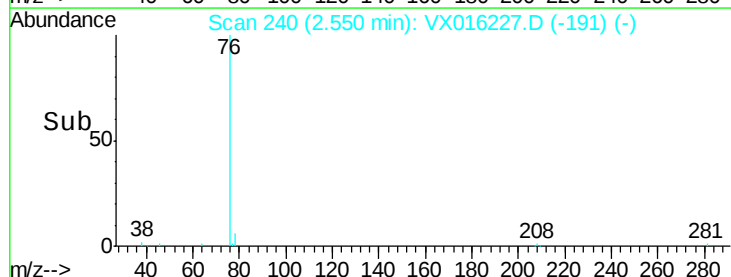
Time-->

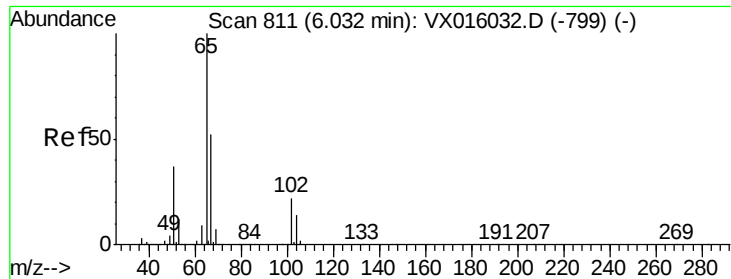
2.50

2.55

2.60

2.65





#33

1,2-Dichloroethane-d4

Concen: 46.864 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016227.D

Acq: 14 May 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

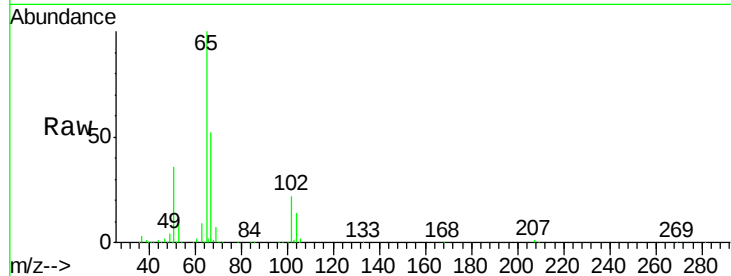
Z4-TB8-200513

Tot Ion: 65 Resp: 158026

Ion Ratio Lower Upper

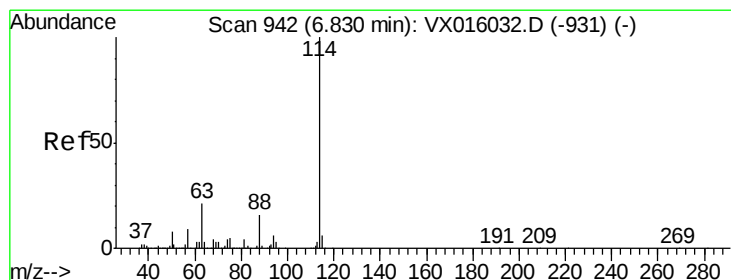
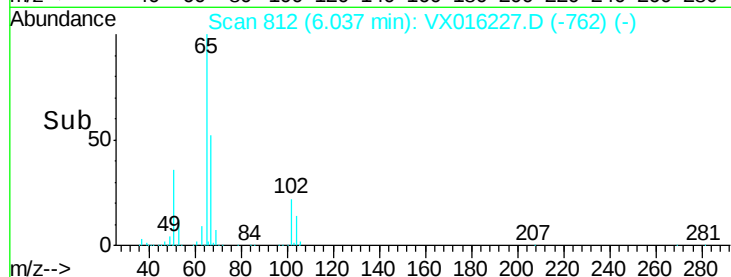
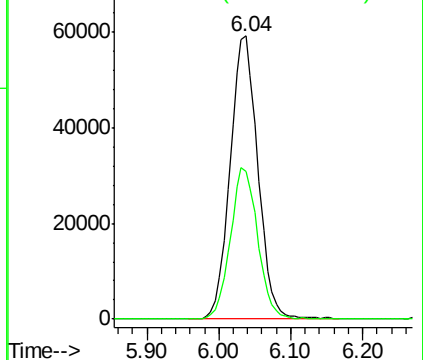
65 100

67 53.0 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: VX016227.D

Acq: 14 May 2020 13:45

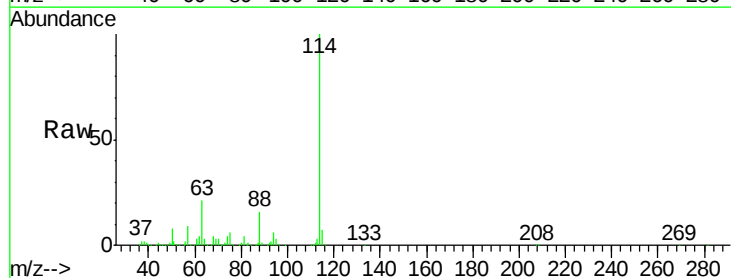
Tgt Ion: 114 Resp: 427502

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

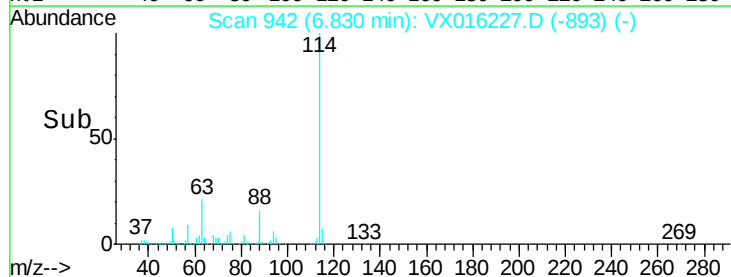
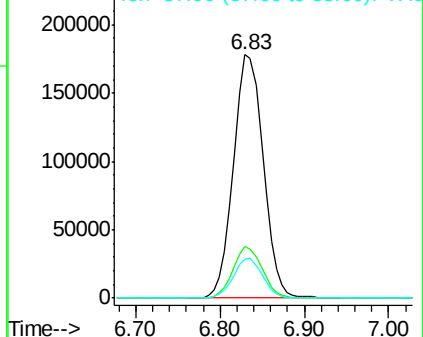
88 16.1 0.0 31.4

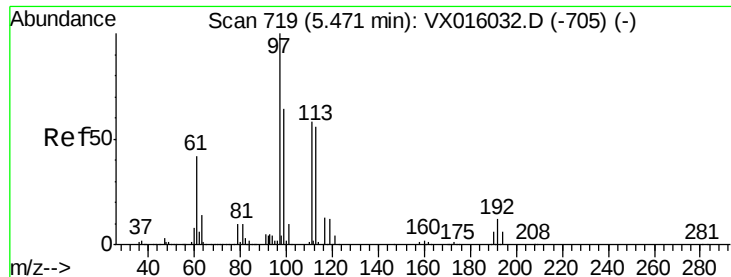


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

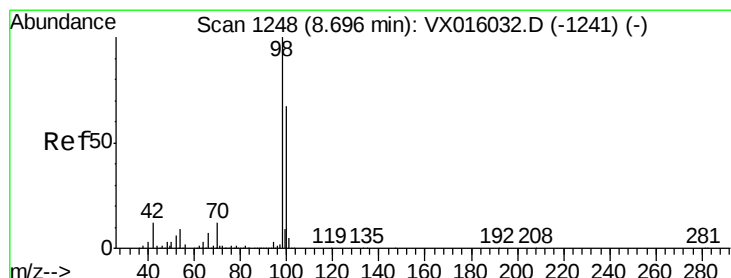
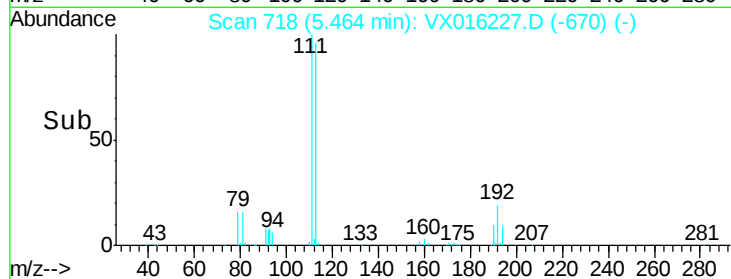
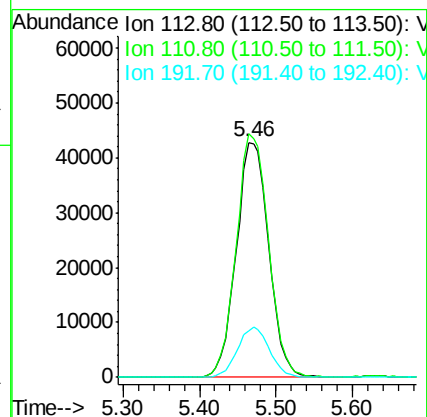
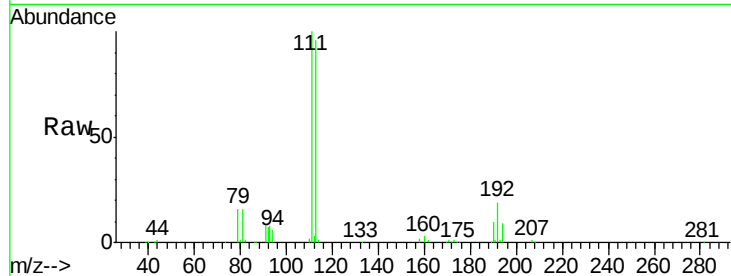




#35
 Dibromofluoromethane
 Concen: 46.479 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016227.D
 Acq: 14 May 2020 13:45

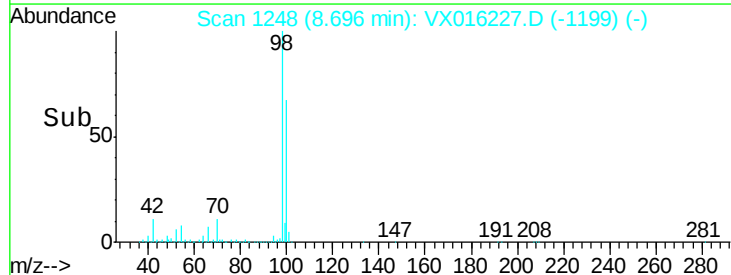
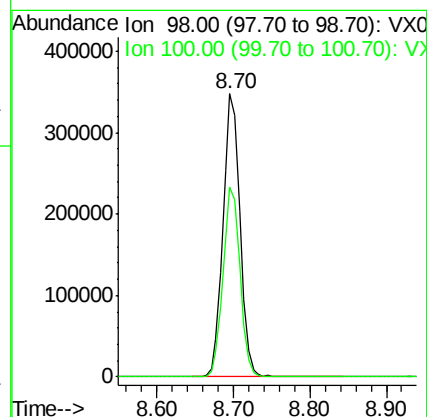
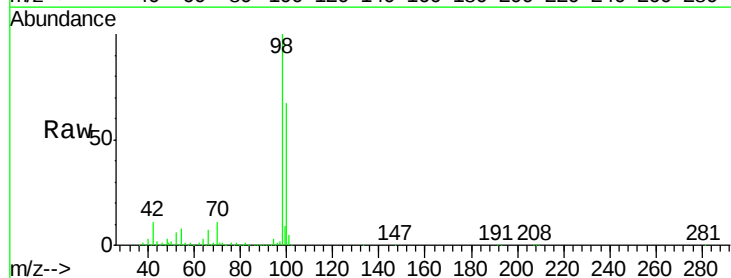
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB8-200513

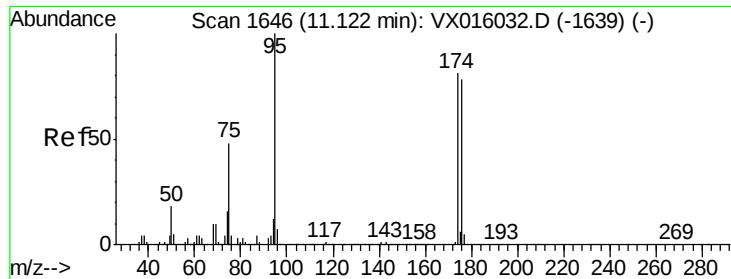
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	21.2	17.0	25.4



#50
 Toluene-d8
 Concen: 51.419 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016227.D
 Acq: 14 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5

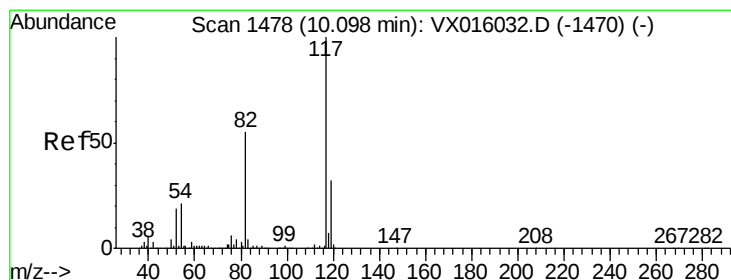
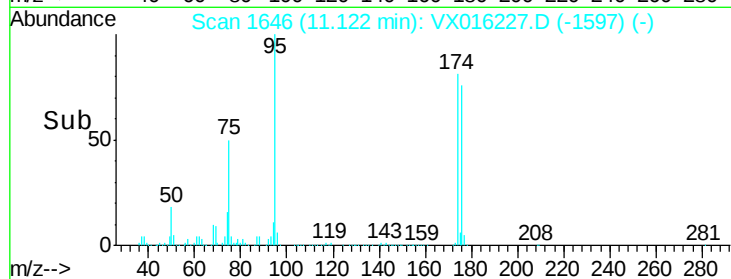
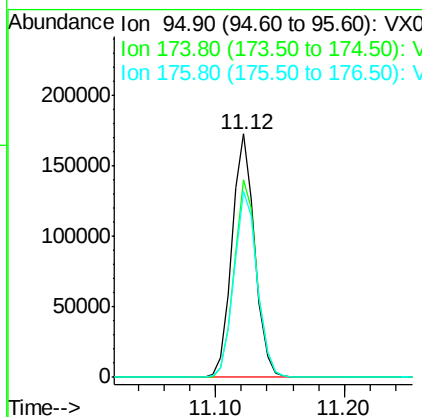
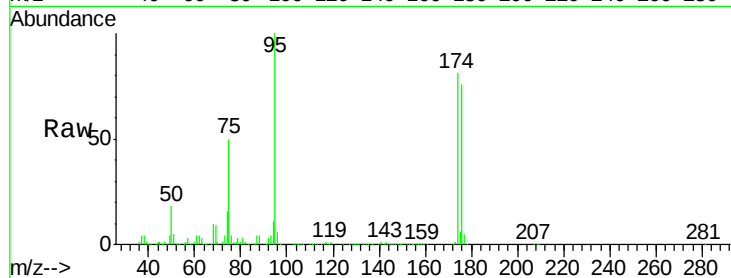




#62
4-Bromofluorobenzene
Concen: 53.711 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016227.D
Acq: 14 May 2020 13:45

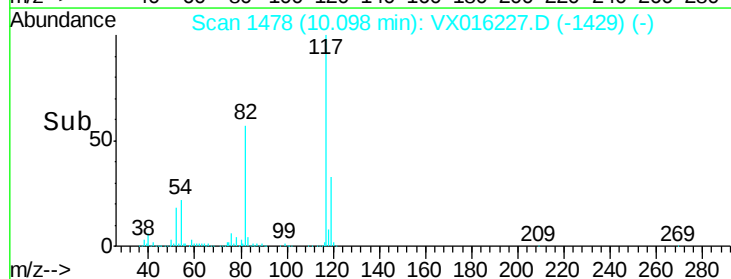
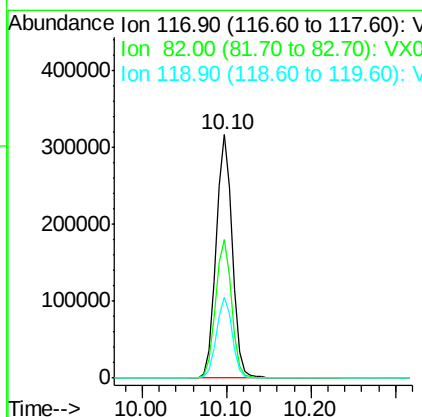
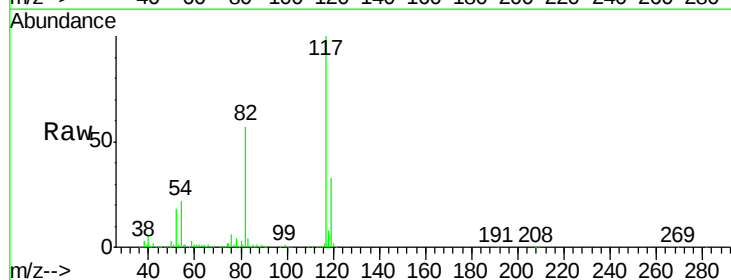
Instrument :
MSVOA_X
ClientSampleId :
Z4-TB8-200513

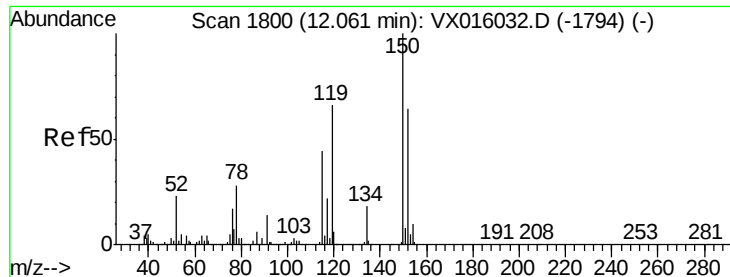
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	159.4
176	78.0	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016227.D
Acq: 14 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.4	66.6
119	33.2	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016227.D

Acq: 14 May 2020 13:45

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB8-200513

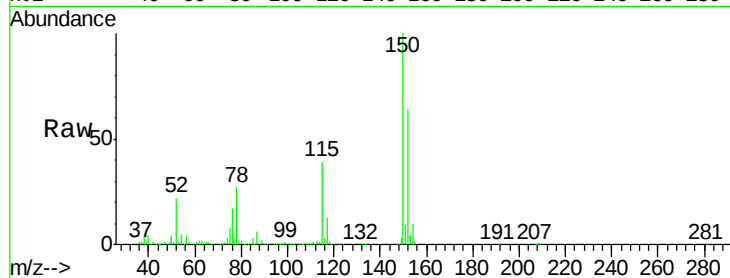
Tot Ion:152 Resp: 218346

Ion Ratio Lower Upper

152 100

115 59.2 41.3 124.1

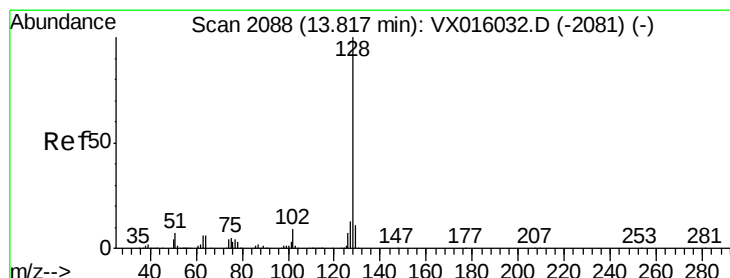
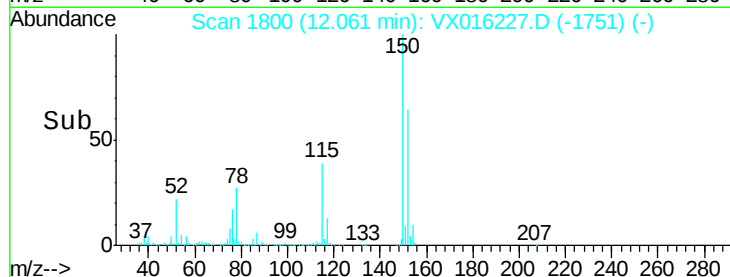
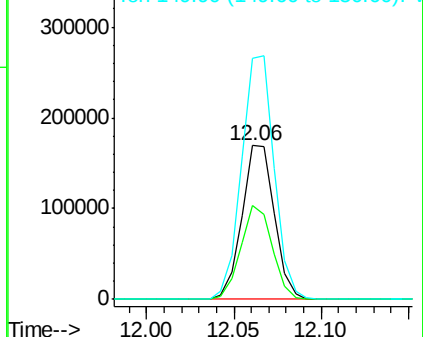
150 158.9 0.0 352.2



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



#95

Naphthalene

Concen: 0.227 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016227.D

Acq: 14 May 2020 13:45

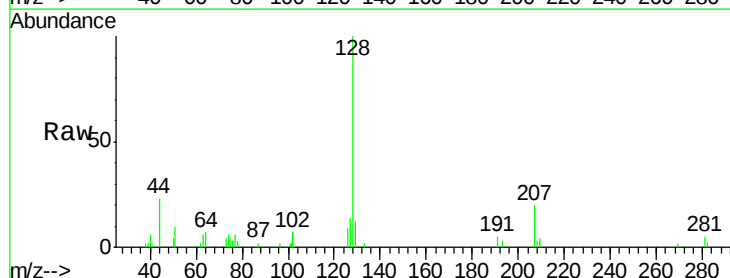
Tgt Ion:128 Resp: 3858

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 12.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

