

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016228.D
 Acq On : 14 May 2020 14:08
 Operator : JC/SP
 Sample : L2643-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB9-200513

Quant Time: May 15 02:07:48 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

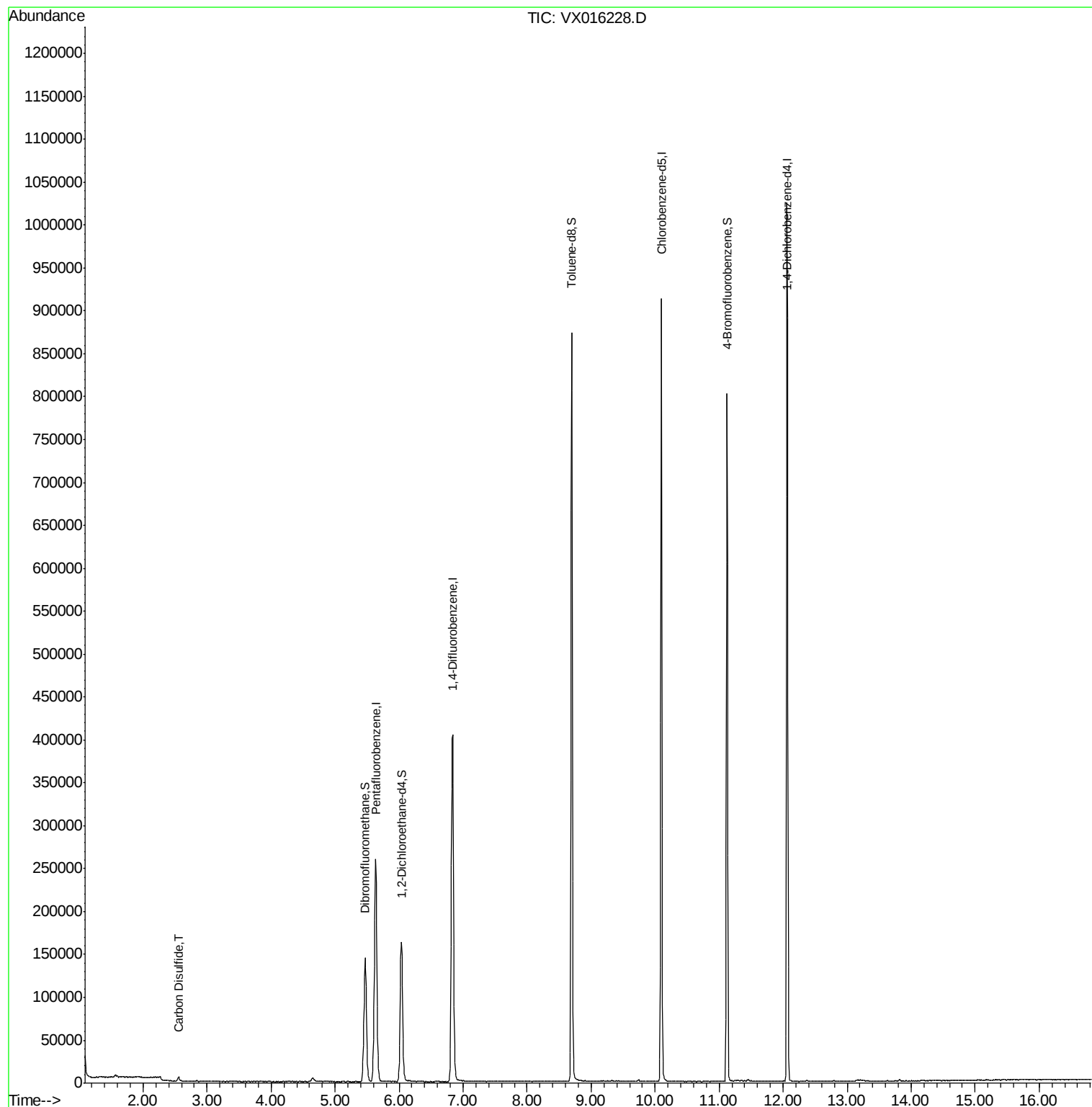
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	257606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	420091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	158780	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	5.47	113	124813	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	8.70	98	522196	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	210061	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
Target Compounds						
17) Carbon Disulfide	2.55	76	6643	0.622	ug/l	Qvalue 97

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

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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: VX016228.D

Acq: 14 May 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

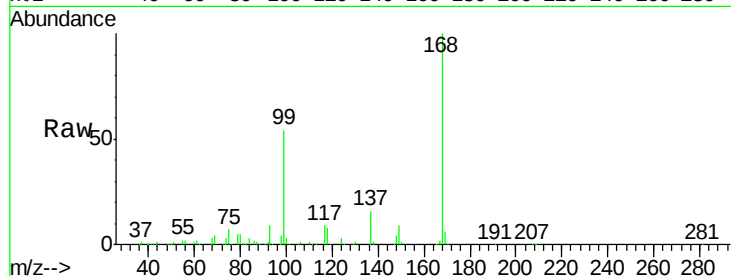
Z4-TB9-200513

Tot Ion:168 Resp: 257606

Ion Ratio Lower Upper

168 100

99 53.7 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

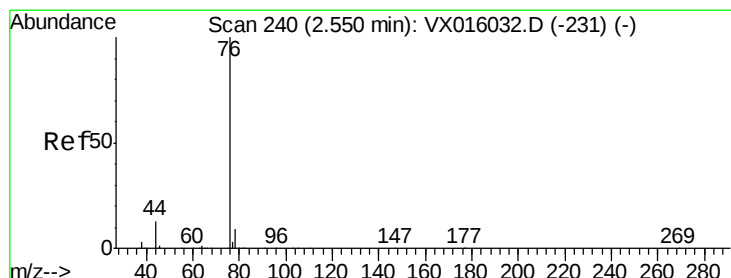
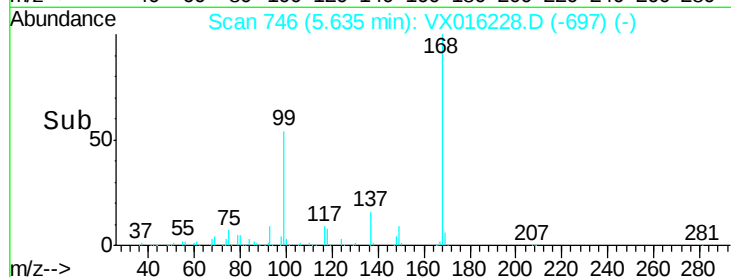
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 0.622 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016228.D

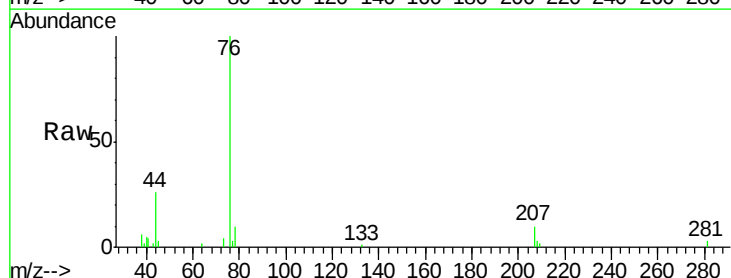
Acq: 14 May 2020 14:08

Tgt Ion: 76 Resp: 6643

Ion Ratio Lower Upper

76 100

78 10.4 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

4000

3000

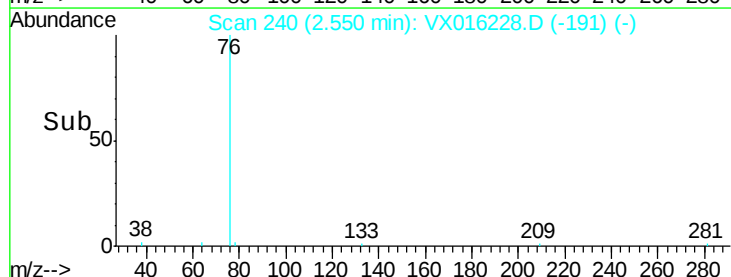
2000

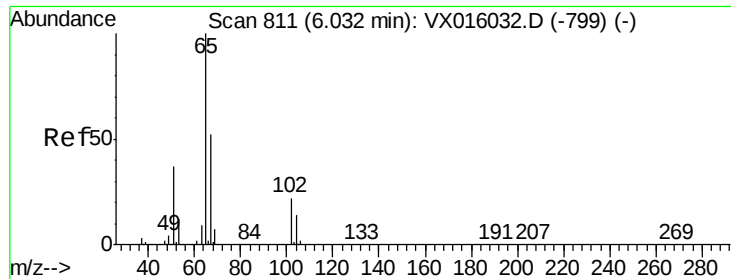
1000

0

Time-->

2.50 2.55 2.60





#33

1,2-Dichloroethane-d4

Concen: 46.840 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016228.D

Acq: 14 May 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

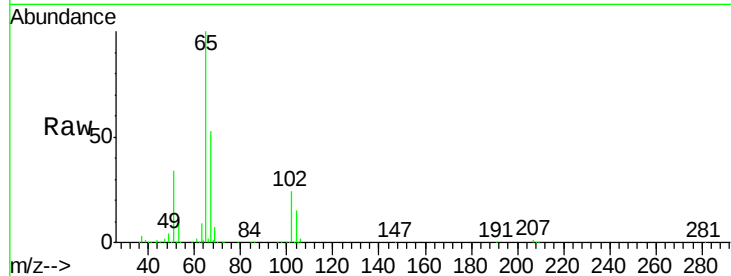
Z4-TB9-200513

Tot Ion: 65 Resp: 158780

Ion Ratio Lower Upper

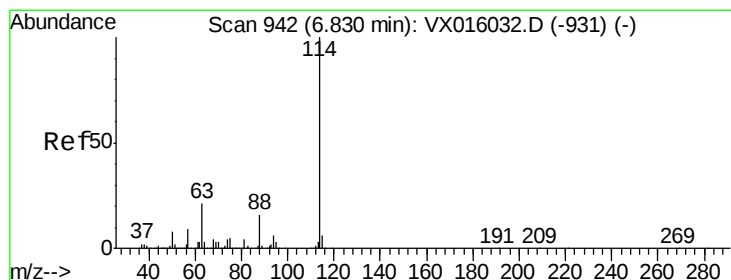
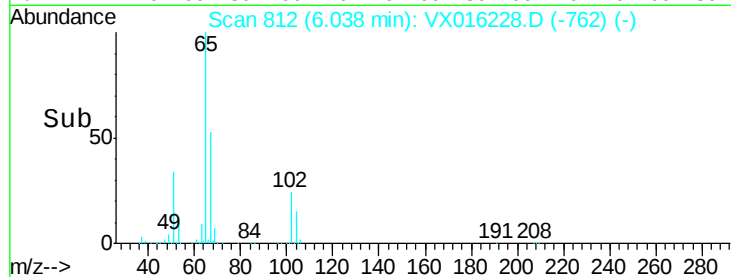
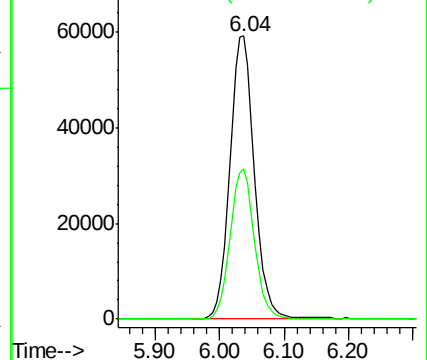
65 100

67 52.4 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016228.D

Acq: 14 May 2020 14:08

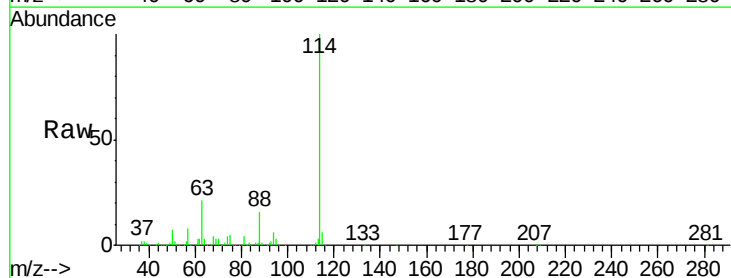
Tgt Ion: 114 Resp: 420091

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

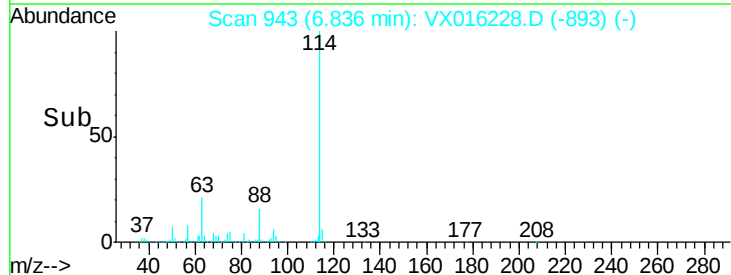
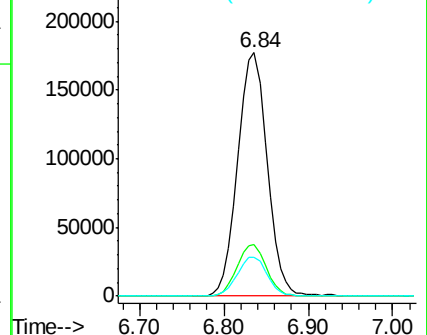
88 16.0 0.0 31.4

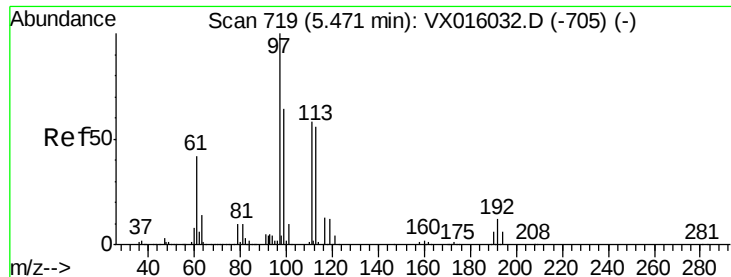


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

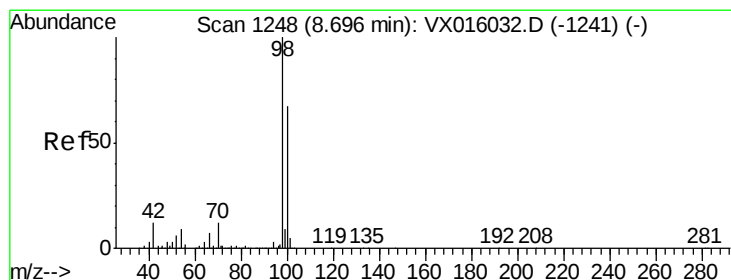
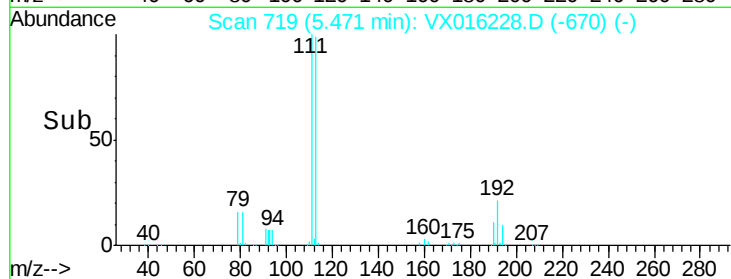
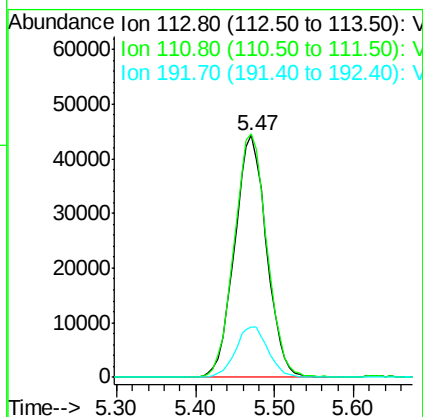
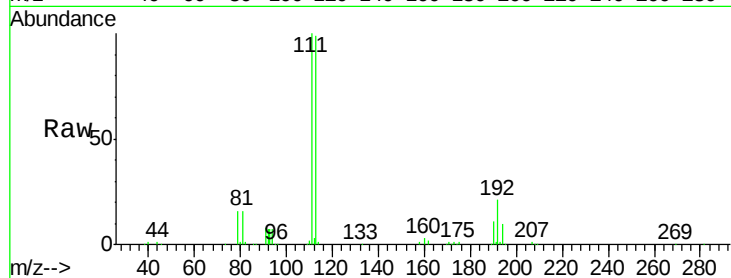




#35
 Dibromofluoromethane
 Concen: 46.896 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016228.D
 Acq: 14 May 2020 14:08

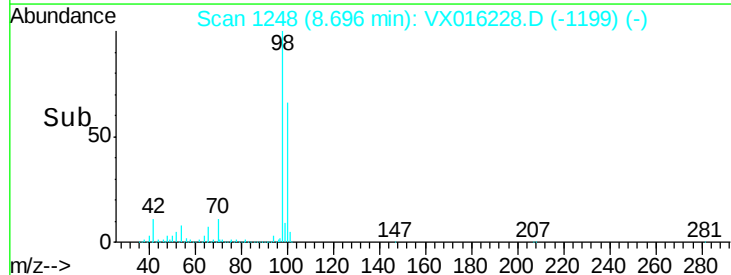
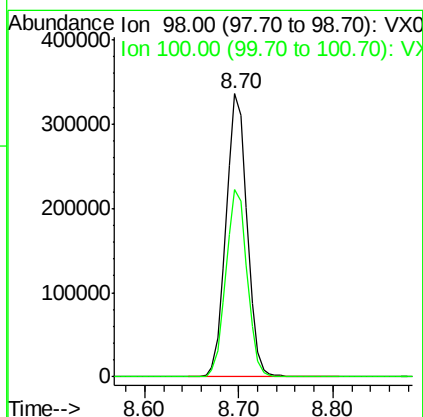
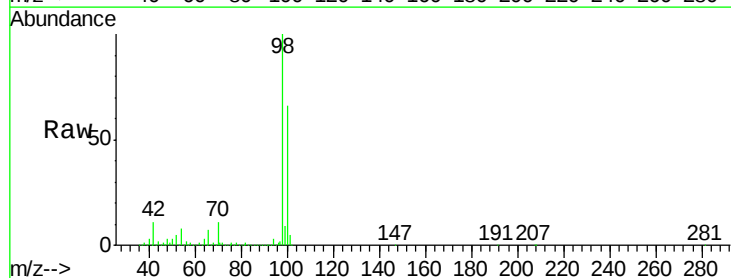
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB9-200513

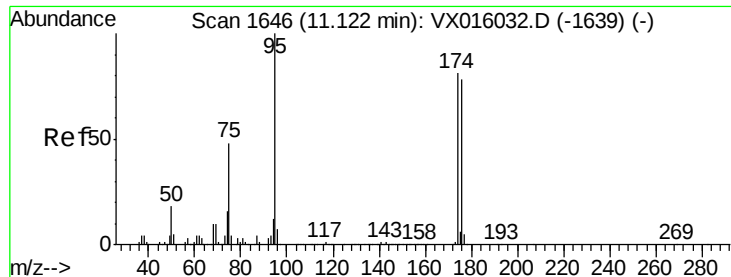
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.3	17.0	25.4



#50
 Toluene-d8
 Concen: 50.922 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016228.D
 Acq: 14 May 2020 14:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 53.856 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016228.D

Acq: 14 May 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB9-200513

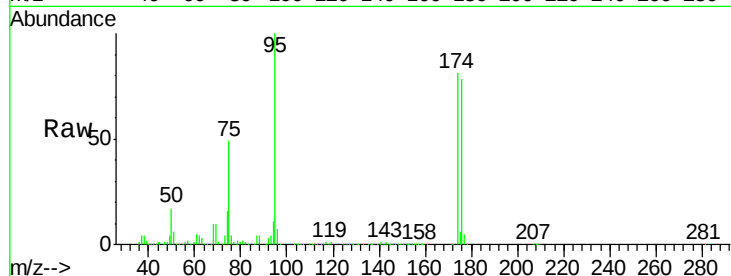
Tot Ion: 95 Resp: 210061

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.4

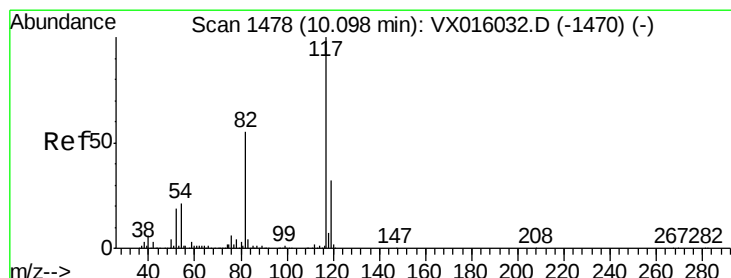
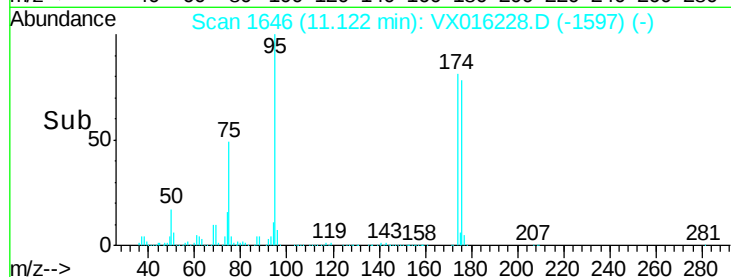
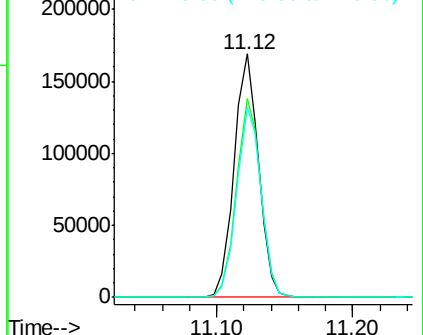
176 78.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016228.D

Acq: 14 May 2020 14:08

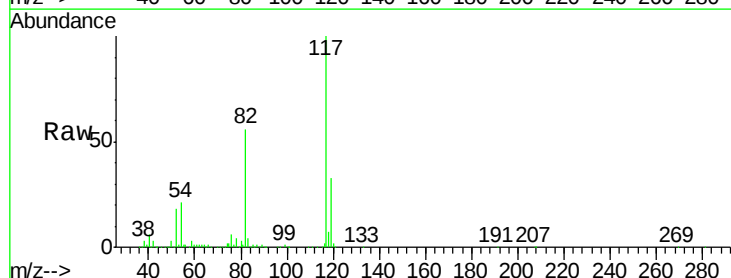
Tgt Ion: 117 Resp: 416809

Ion Ratio Lower Upper

117 100

82 56.1 44.4 66.6

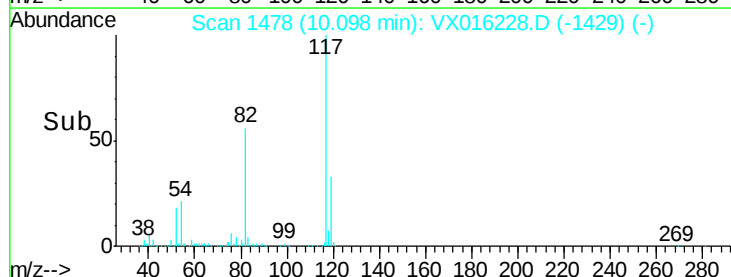
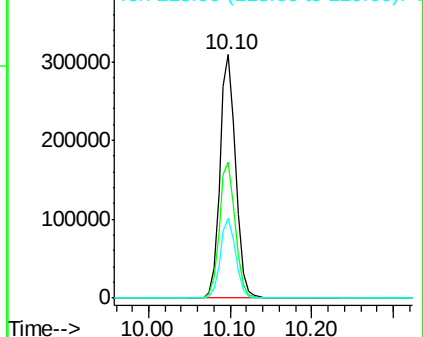
119 32.8 25.5 38.3

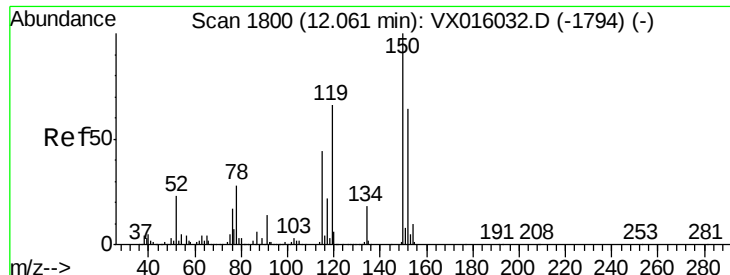


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): 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: VX016228.D

Acq: 14 May 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB9-200513

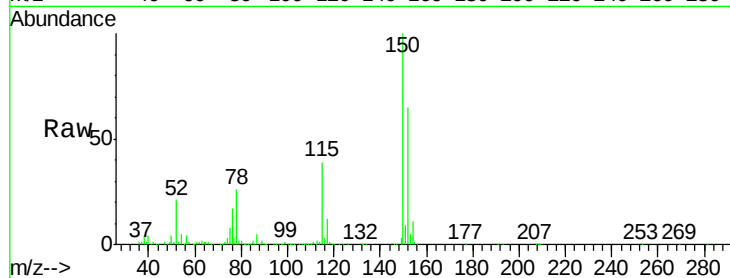
Tot Ion:152 Resp: 217609

Ion Ratio Lower Upper

152 100

115 58.2 41.3 124.1

150 151.8 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

