

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016761.D
 Acq On : 15 Jun 2020 18:03
 Operator : JC/SP
 Sample : L2993-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB6-200610

Quant Time: Jun 16 03:46:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	238432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	375891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200937	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	136984	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	5.47	113	114818	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	8.70	98	465743	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
62) 4-Bromofluorobenzene	11.12	95	191598	58.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.16%	

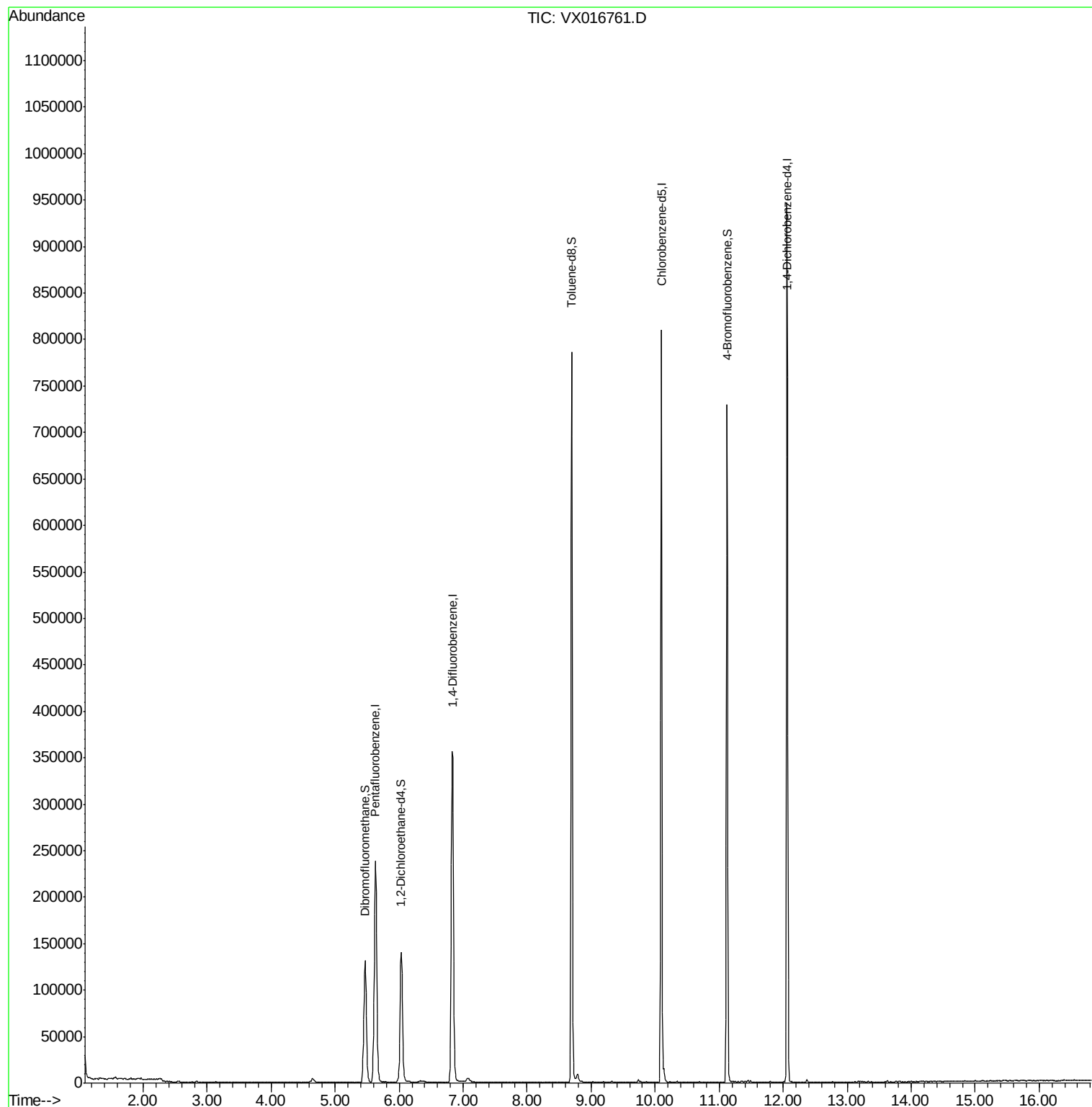
Target Compounds	Qvalue
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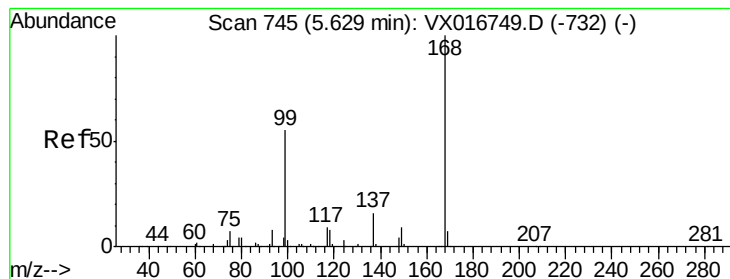
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016761.D

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Instrument :

MSVOA_X

ClientSampleId :

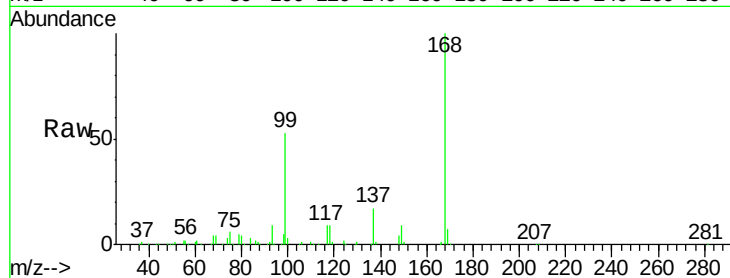
Z1-TB6-200610

Tot Ion:168 Resp: 238432

Ion Ratio Lower Upper

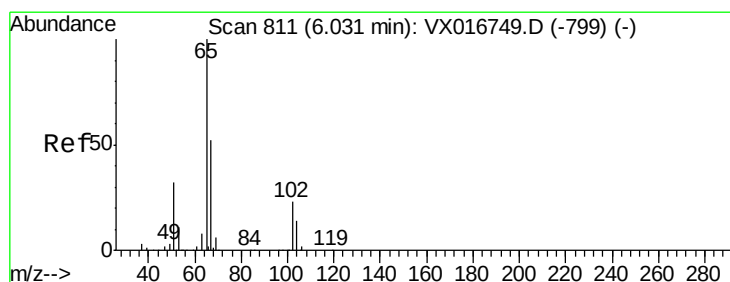
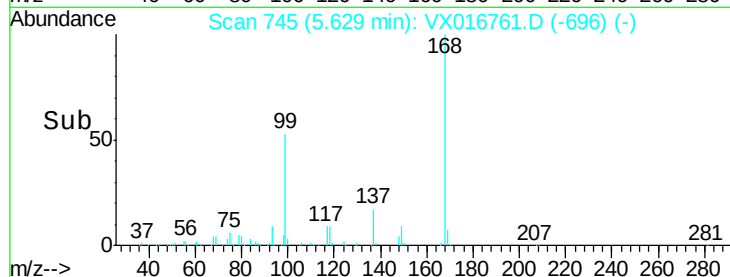
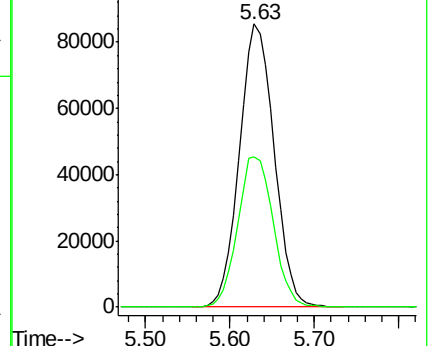
168 100

99 53.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.078 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016761.D

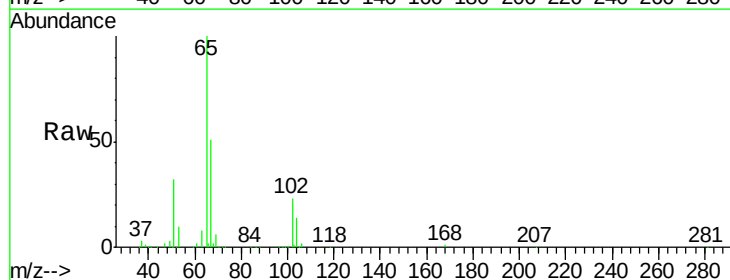
Acq: 15 Jun 2020 18:03

Tgt Ion: 65 Resp: 136984

Ion Ratio Lower Upper

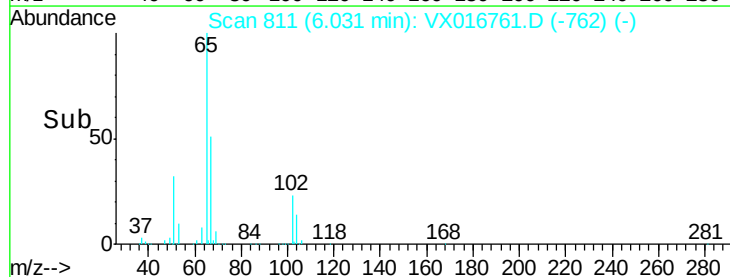
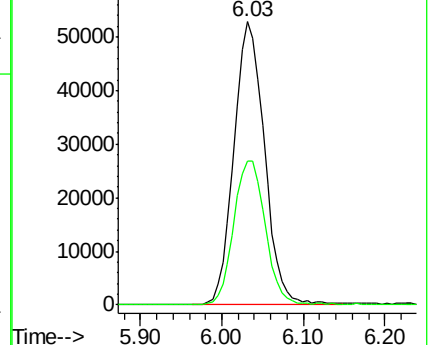
65 100

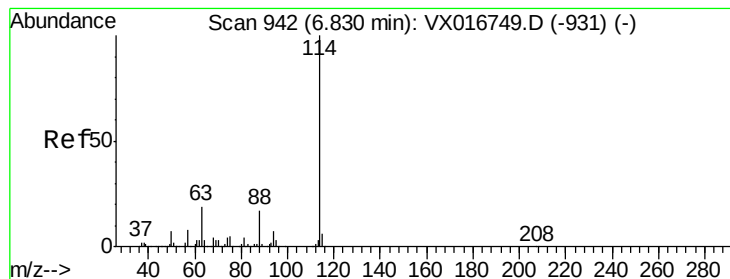
67 52.3 0.0 103.0



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: VX016761.D

Acq: 15 Jun 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB6-200610

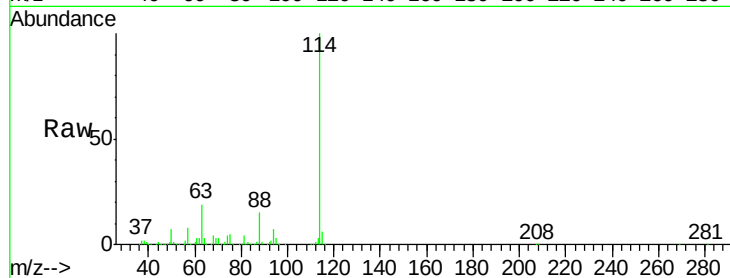
Tot Ion:114 Resp: 375891

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

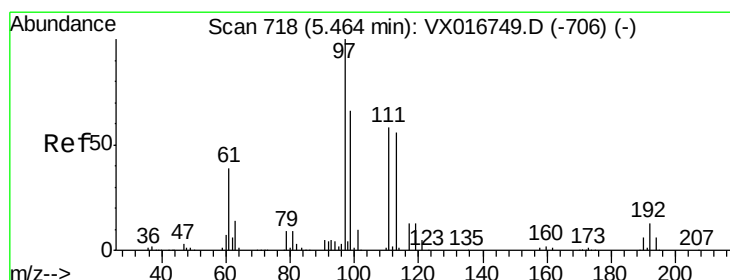
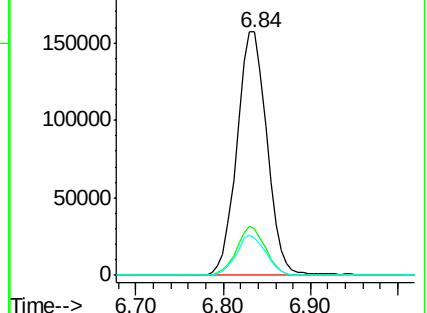
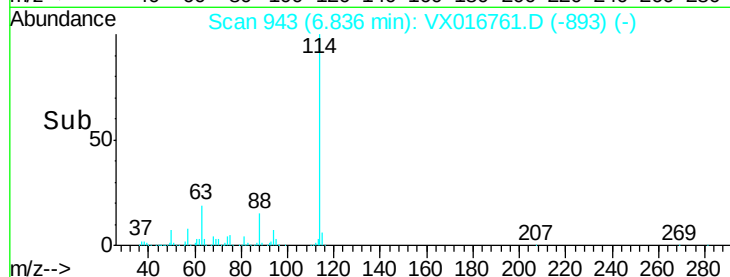
88 15.4 0.0 33.4



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: 49.508 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016761.D

Acq: 15 Jun 2020 18:03

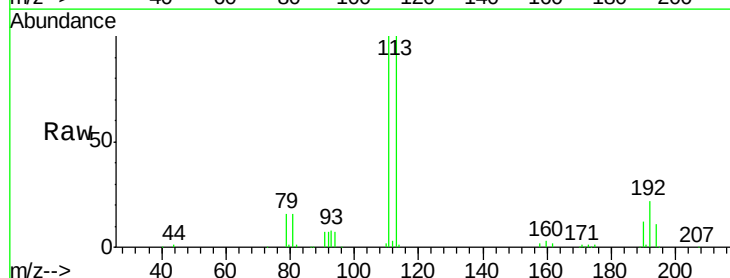
Tgt Ion:113 Resp: 114818

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

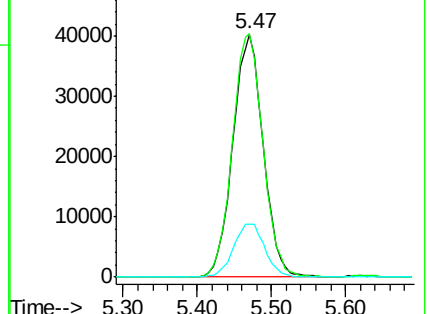
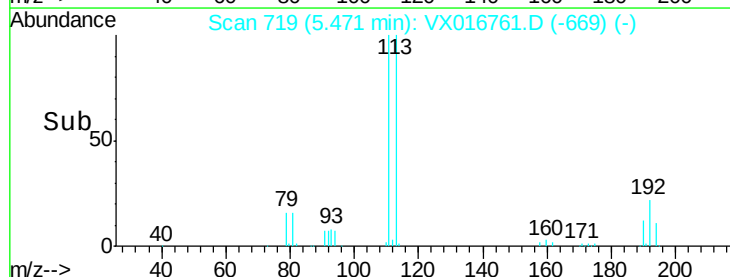
192 22.7 18.2 27.4

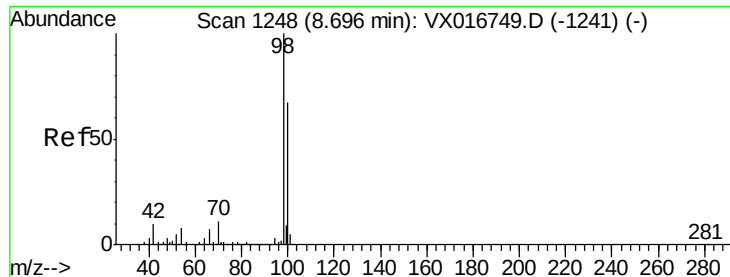


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

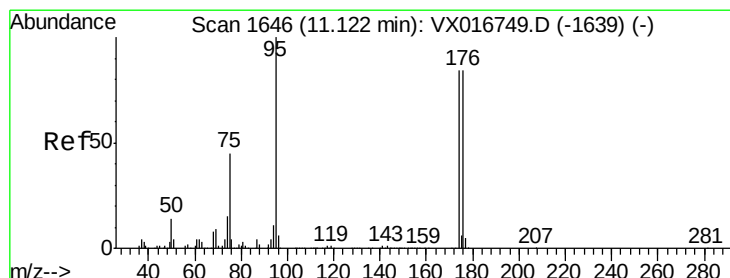
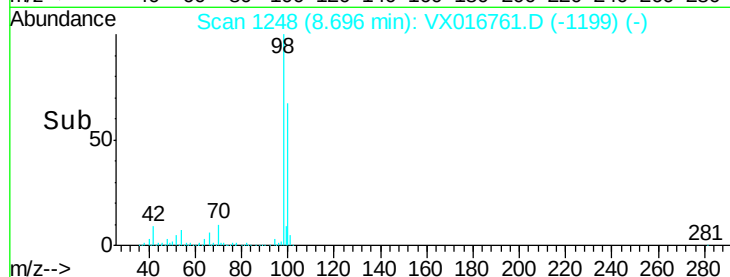
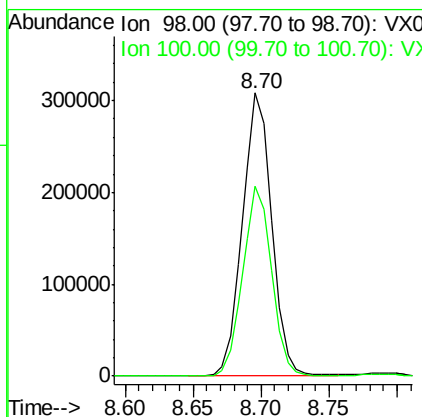
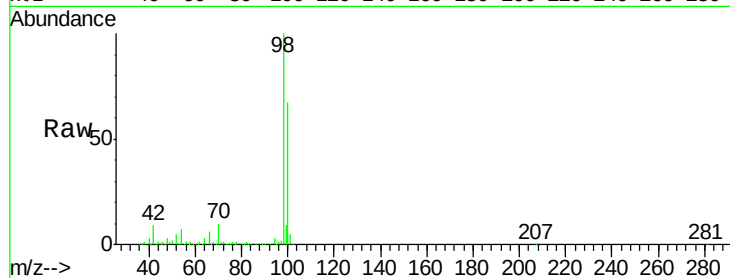




#50
Toluene-d8
Concen: 54.464 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016761.D
Acq: 15 Jun 2020 18:03

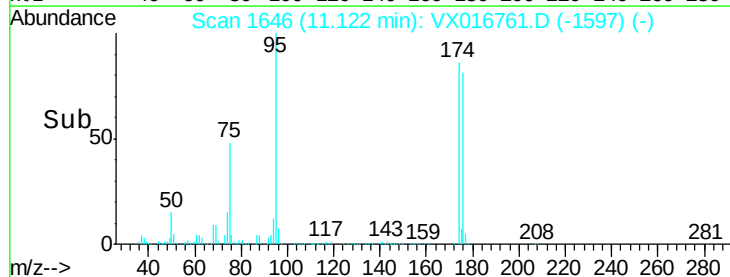
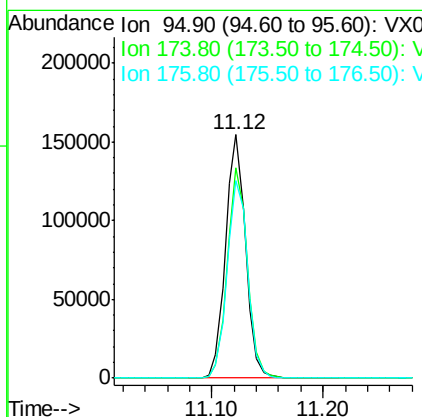
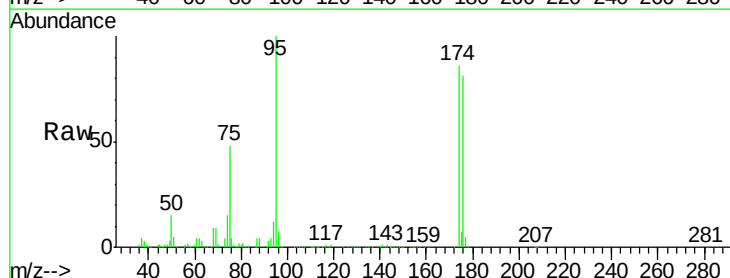
Instrument :
MSVOA_X
ClientSampleId :
Z1-TB6-200610

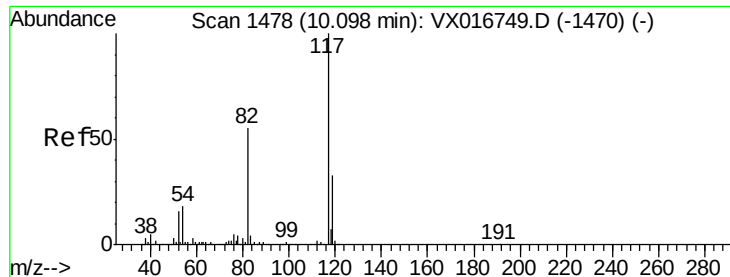
Tot Ion: 98 Resp: 465743
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.576 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016761.D
Acq: 15 Jun 2020 18:03

Tgt Ion: 95 Resp: 191598
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.0
176 83.6 0.0 166.2

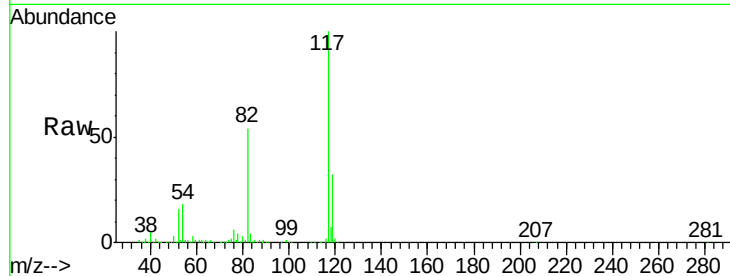




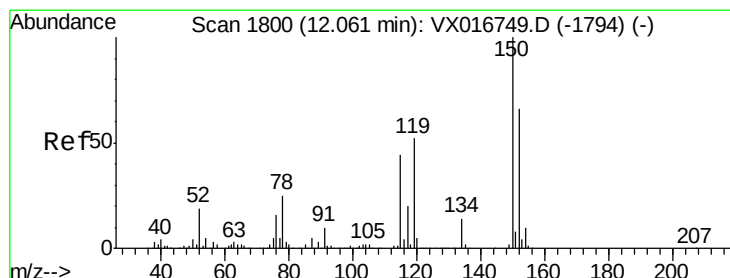
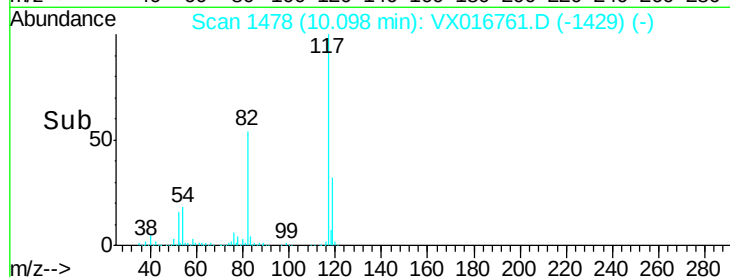
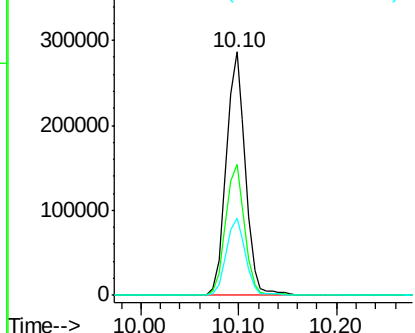
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016761.D
Acq: 15 Jun 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB6-200610

Tot Ion:117 Resp: 387364
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.6
119 31.6 26.2 39.4

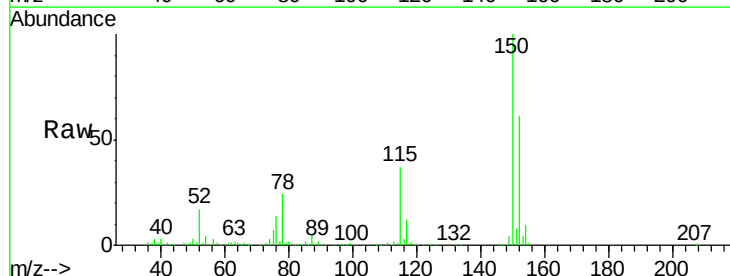


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016761.D
Acq: 15 Jun 2020 18:03

Tgt Ion:152 Resp: 200937
Ion Ratio Lower Upper
152 100
115 58.1 40.3 120.8
150 158.7 0.0 337.4



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

