

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015939.D
 Acq On : 24 Apr 2020 18:36
 Operator : JC/SP
 Sample : L2415-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB11-200423

Quant Time: Apr 25 07:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	130287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	253265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	245697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	97553	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	5.47	113	73438	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.70	98	316120	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	11.12	95	133269	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	

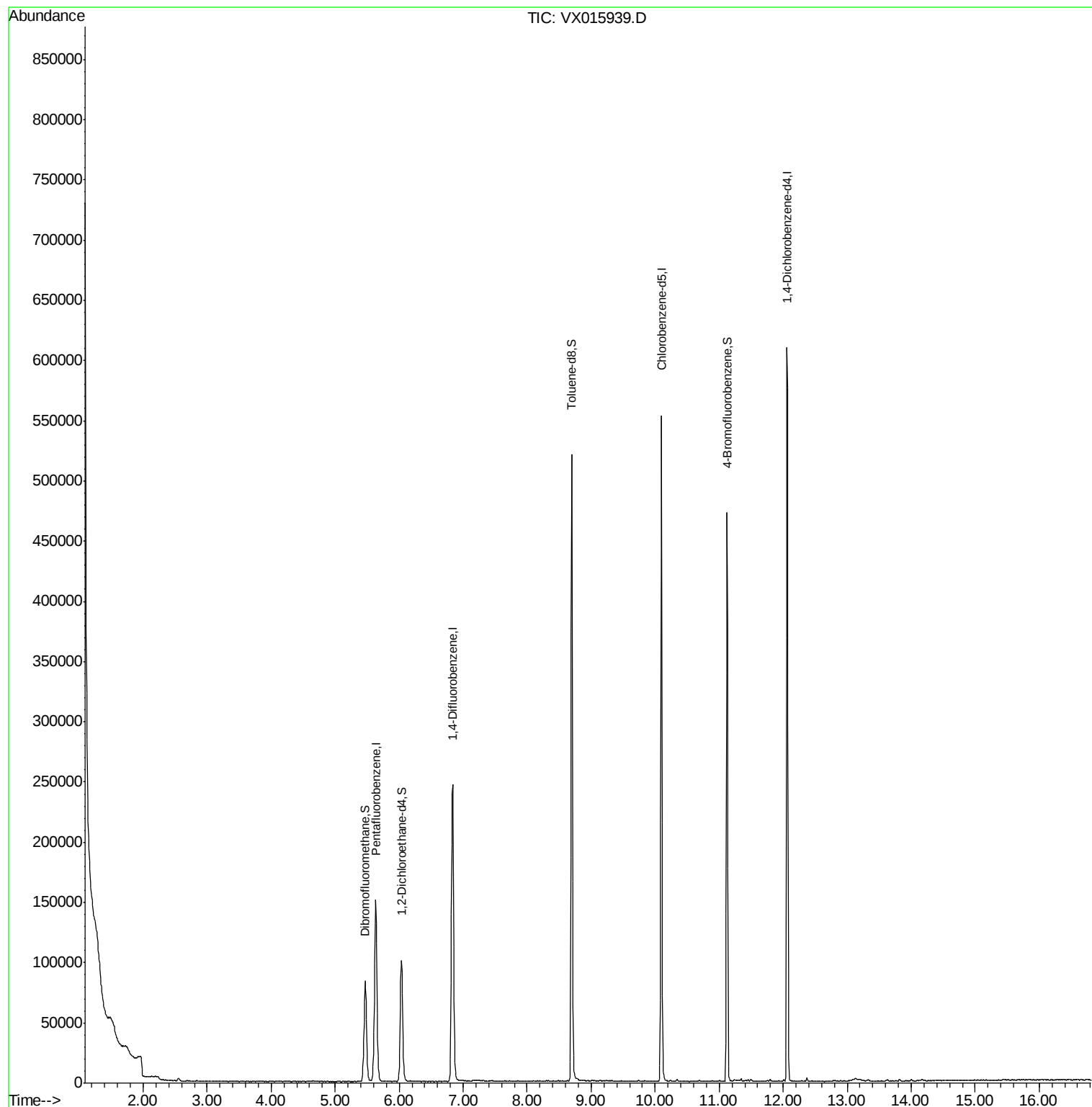
Target Compounds	Qvalue
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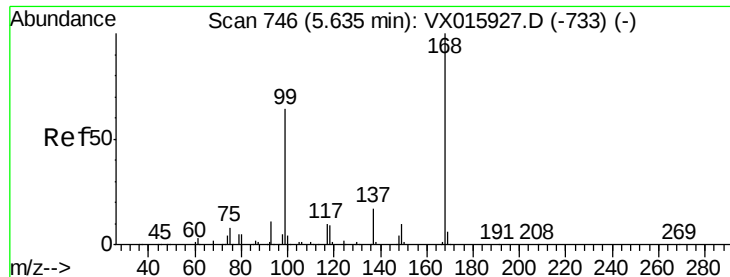
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015939.D

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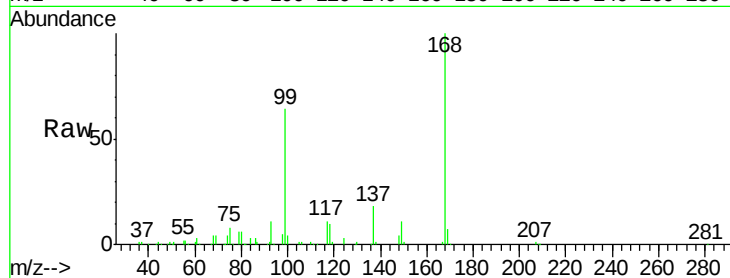
Instrument :
MSVOA_X
ClientSampleId :
Z3-TB11-200423

Tot Ion:168 Resp: 130287

Ion Ratio Lower Upper

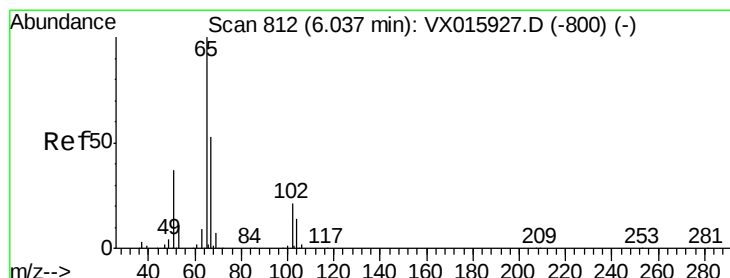
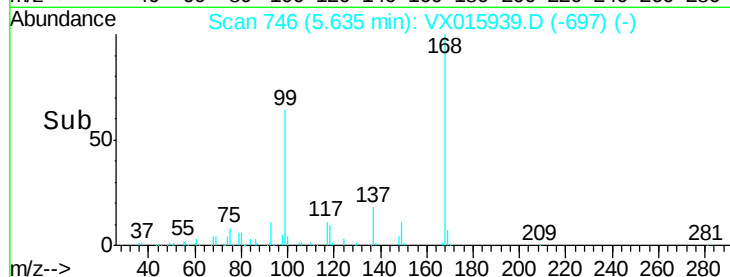
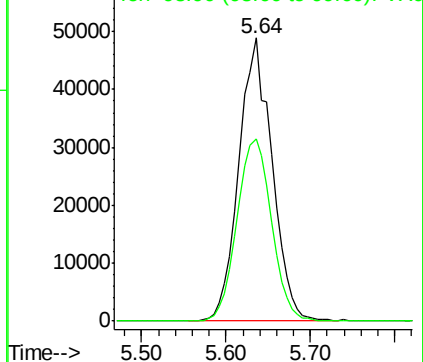
168 100

99 64.3 51.2 76.8



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: 53.028 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015939.D

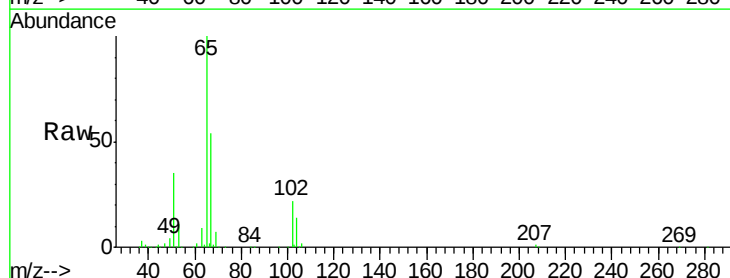
Acq: 24 Apr 2020 18:36

Tgt Ion: 65 Resp: 97553

Ion Ratio Lower Upper

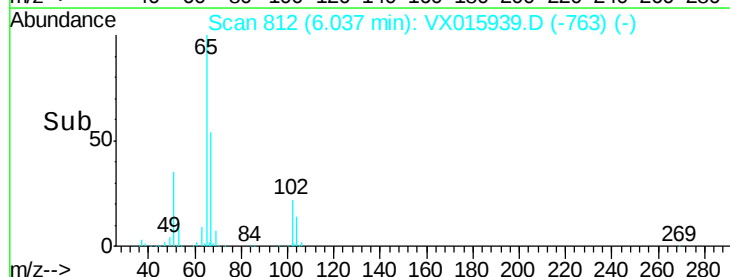
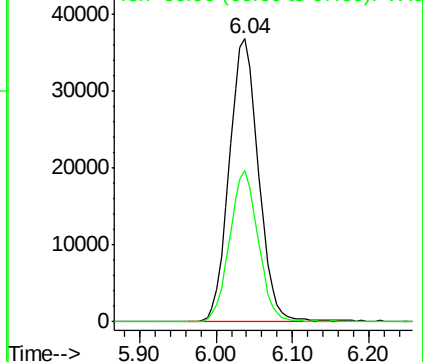
65 100

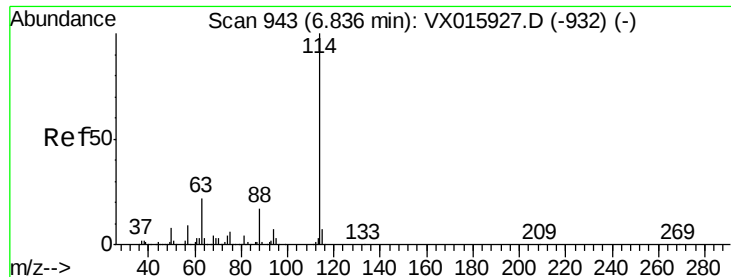
67 52.0 0.0 106.6



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. 0.00 min

Lab File: VX015939.D

Acq: 24 Apr 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB11-200423

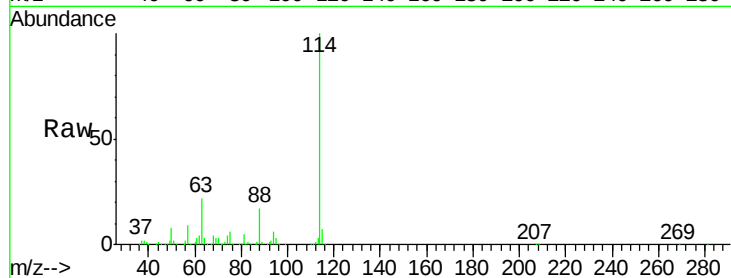
Tot Ion:114 Resp: 253265

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.4

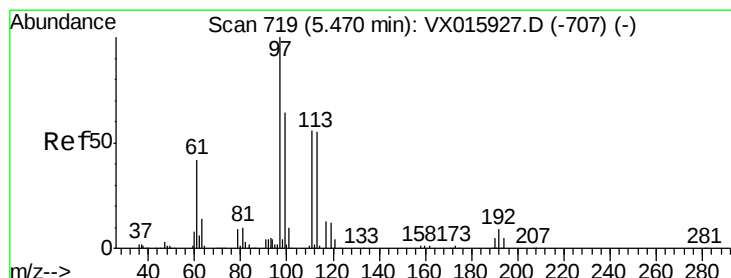
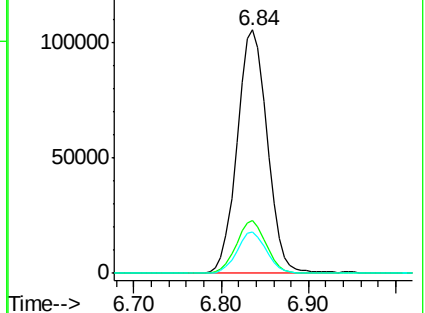
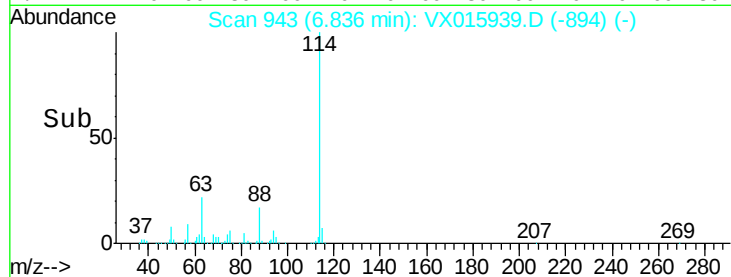
88 17.2 0.0 34.2



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: 53.167 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015939.D

Acq: 24 Apr 2020 18:36

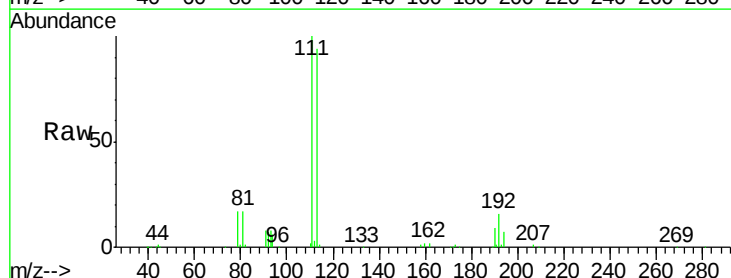
Tgt Ion:113 Resp: 73438

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

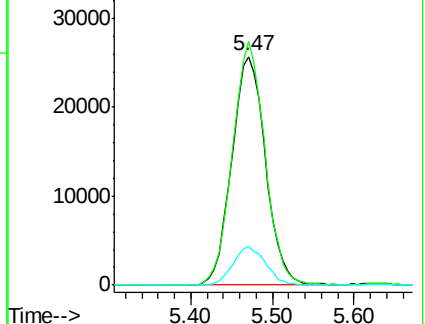
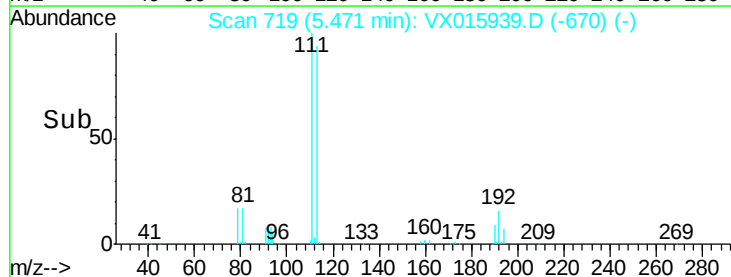
192 16.3 13.6 20.4

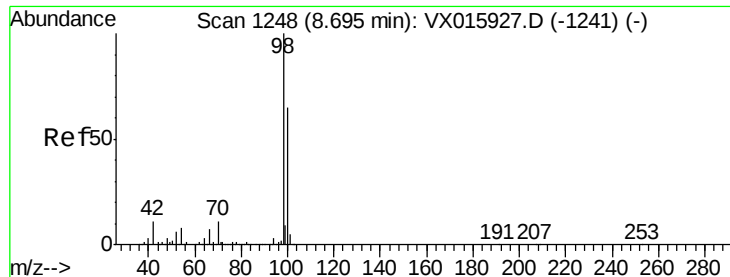


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.057 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015939.D

Acq: 24 Apr 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

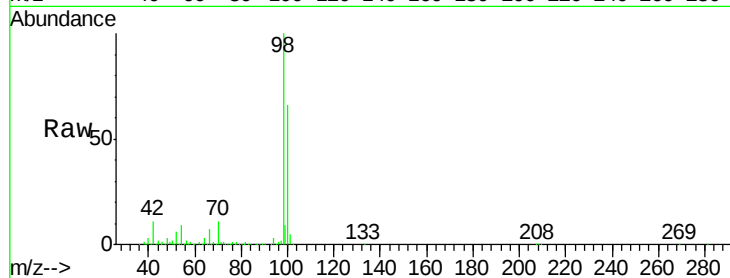
Z3-TB11-200423

Tot Ion: 98 Resp: 316120

Ion Ratio Lower Upper

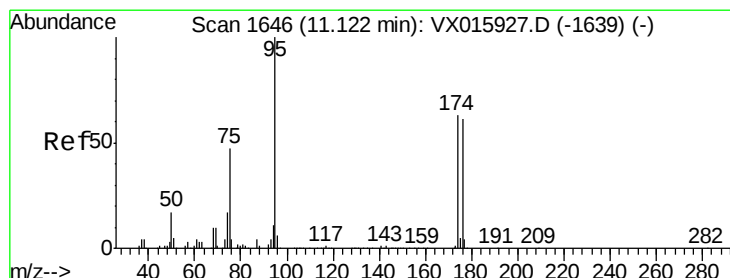
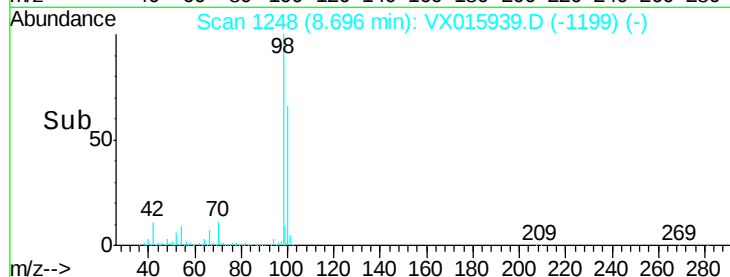
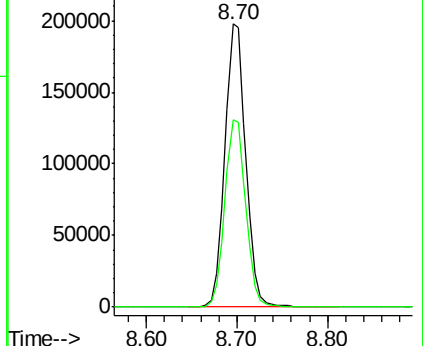
98 100

100 66.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 56.186 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015939.D

Acq: 24 Apr 2020 18:36

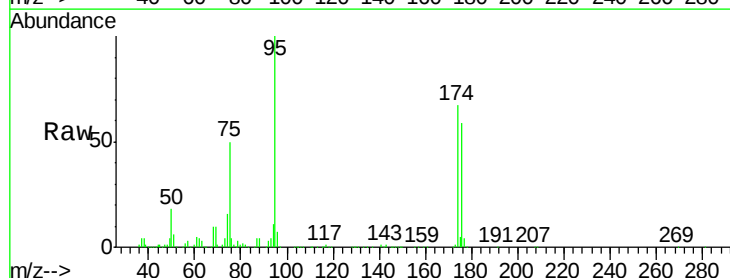
Tgt Ion: 95 Resp: 133269

Ion Ratio Lower Upper

95 100

174 65.4 0.0 133.6

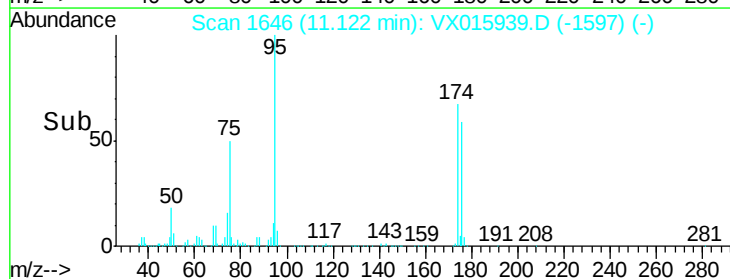
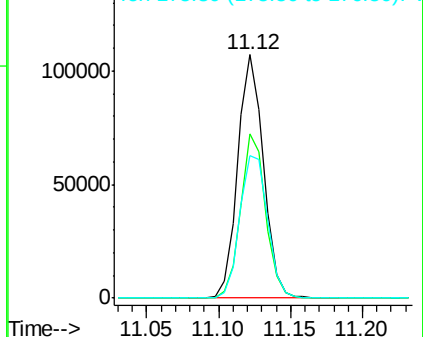
176 63.3 0.0 126.0

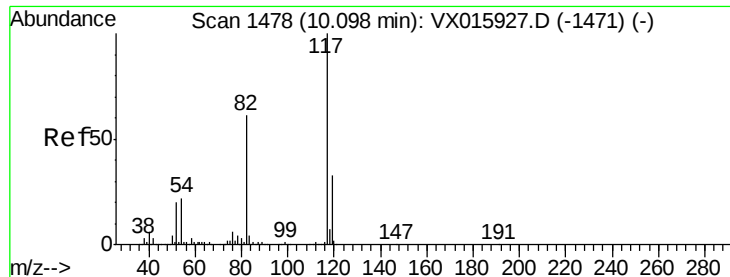


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

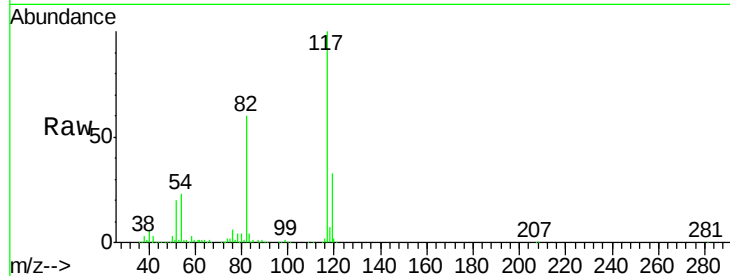




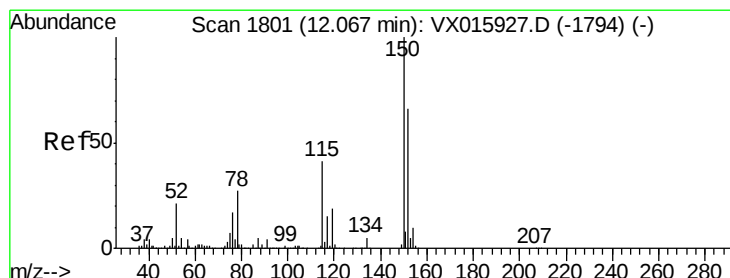
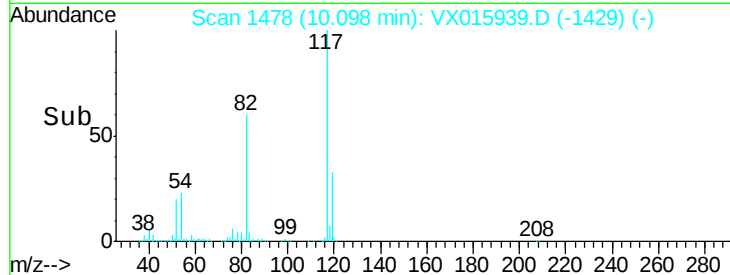
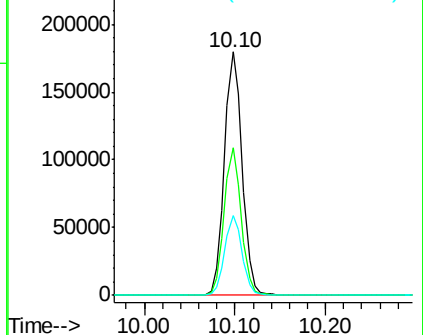
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015939.D
Acq: 24 Apr 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB11-200423

Tot Ion:117 Resp: 245697
Ion Ratio Lower Upper
117 100
82 60.4 48.5 72.7
119 32.9 26.2 39.4

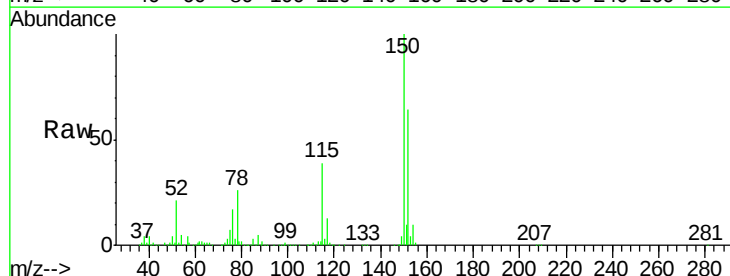


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VX015939.D
Acq: 24 Apr 2020 18:36

Tgt Ion:152 Resp: 121440
Ion Ratio Lower Upper
152 100
115 63.6 44.1 132.4
150 156.7 0.0 343.6



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

