

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011285.D
 Acq On : 02 Aug 2019 01:57
 Operator : JC/SP
 Sample : K4118-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ139I-20190731

Quant Time: Aug 02 03:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	135681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	221220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	207604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94458	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	72371	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	5.49	113	68704	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	8.71	98	267094	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	88456	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	

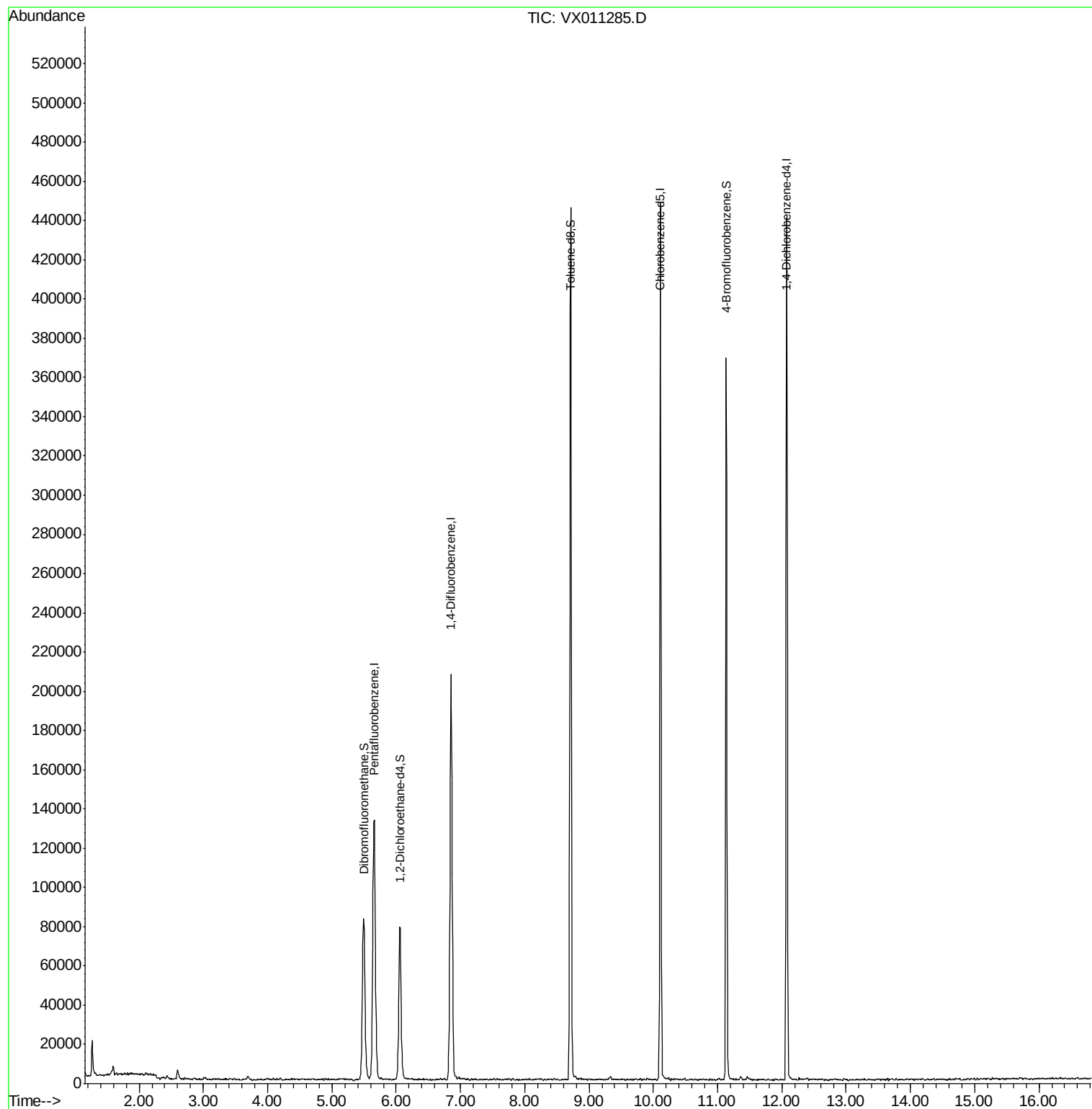
Target Compounds	Qvalue
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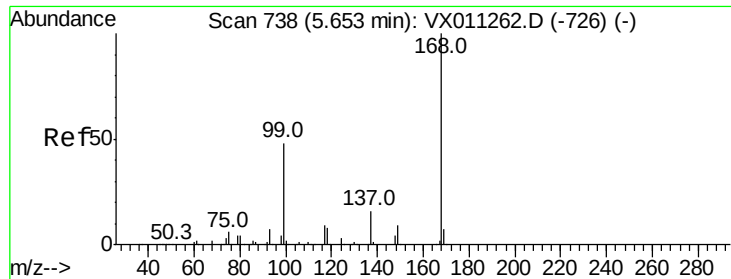
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011285.D

Acq: 02 Aug 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

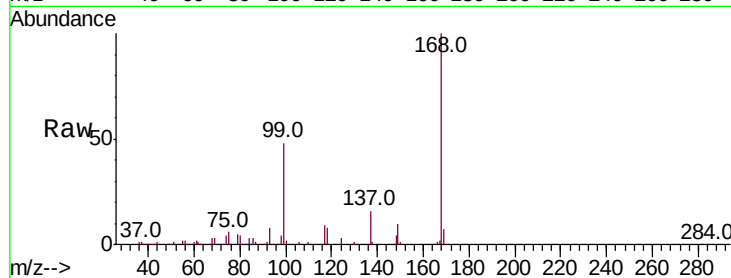
SA-PZ139I-20190731

Tot Ion:168 Resp: 135681

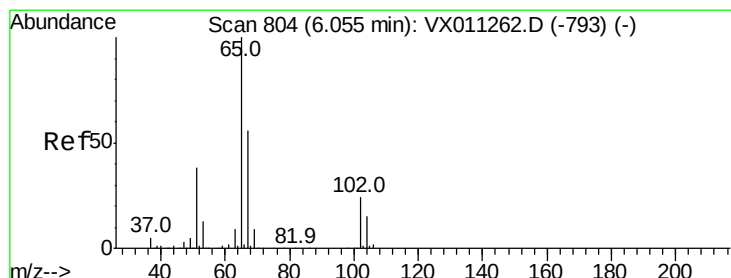
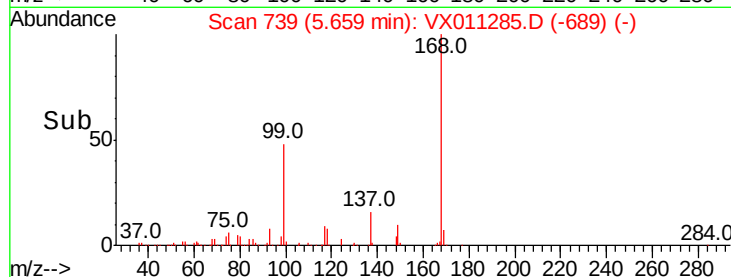
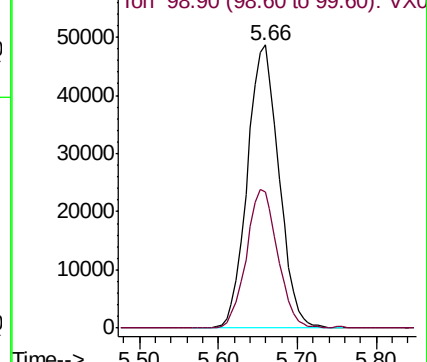
Ion Ratio Lower Upper

168 100

99 47.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 52.965 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011285.D

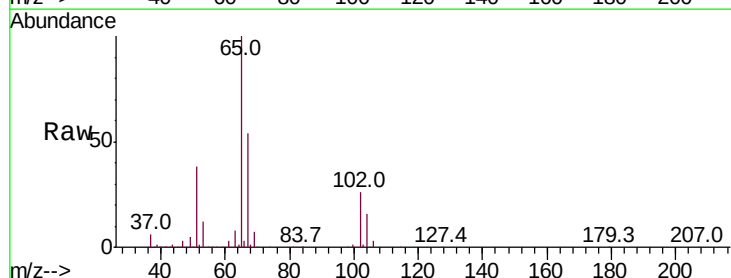
Acq: 02 Aug 2019 01:57

Tgt Ion: 65 Resp: 72371

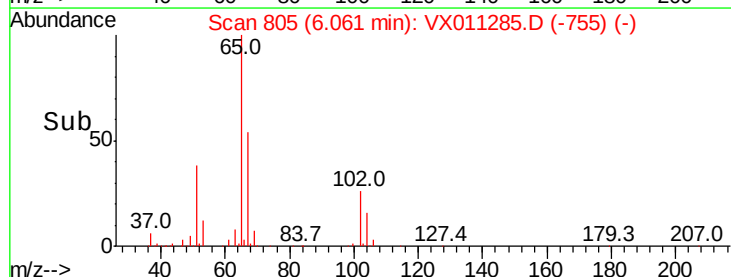
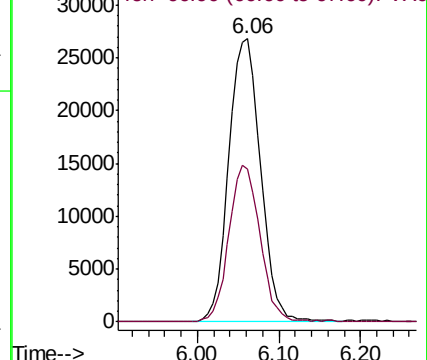
Ion Ratio Lower Upper

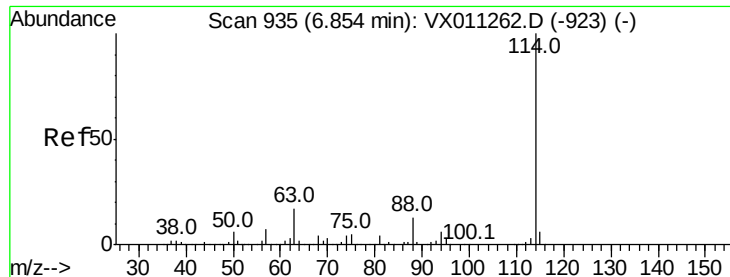
65 100

67 53.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

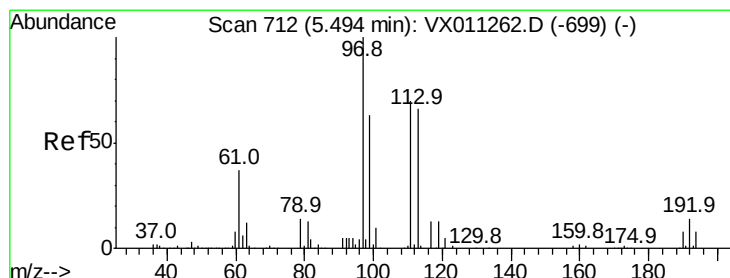
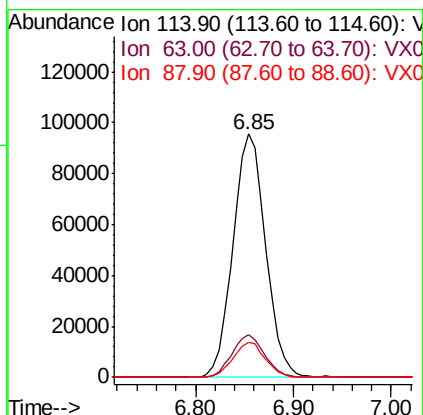
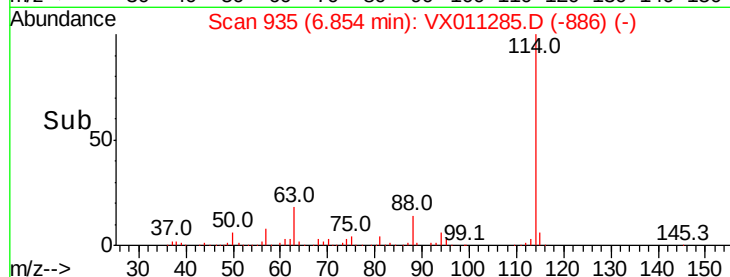
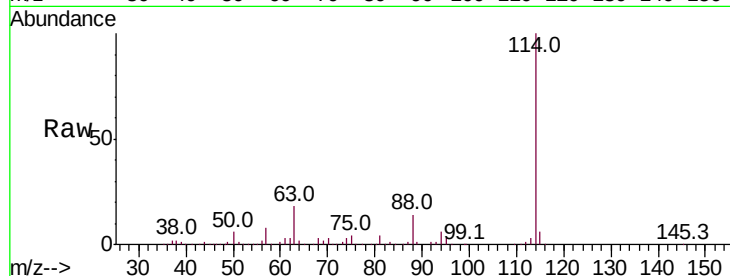




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011285.D
 Acq: 02 Aug 2019 01:57

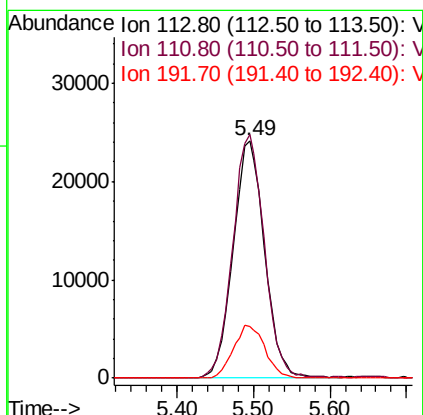
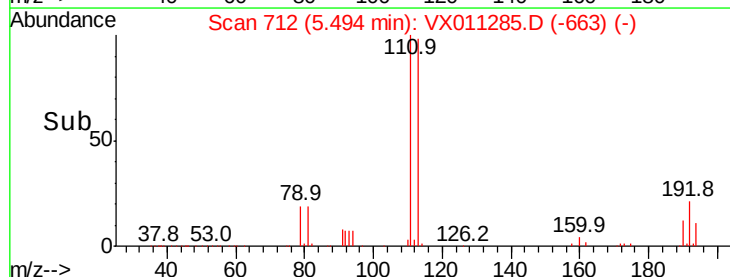
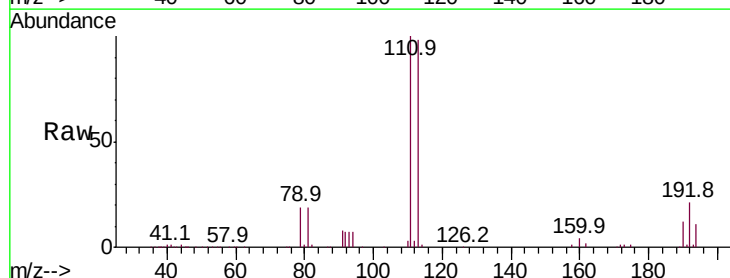
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ139I-20190731

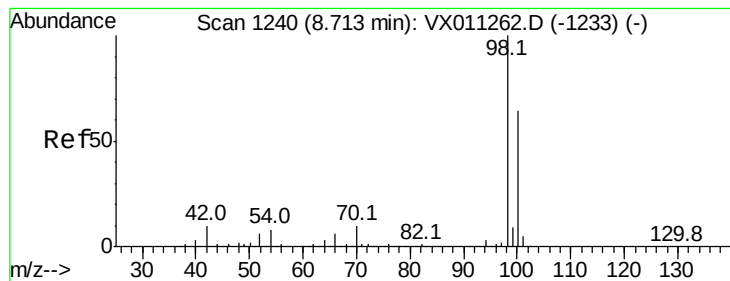
Tot Ion:114 Resp: 221220
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 14.3 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.569 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011285.D
 Acq: 02 Aug 2019 01:57

Tgt Ion:113 Resp: 68704
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 22.2 17.8 26.8





#50

Toluene-d8

Concen: 48.992 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011285.D

Acq: 02 Aug 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

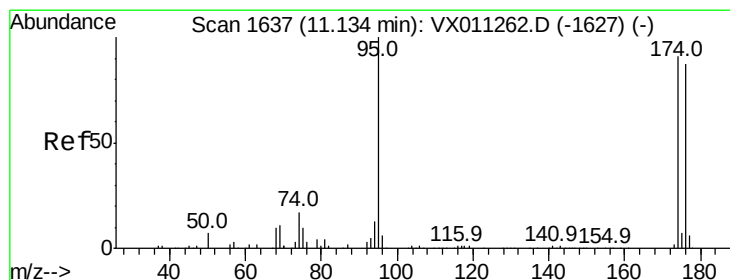
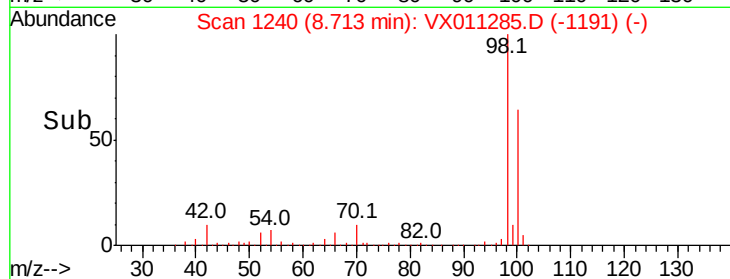
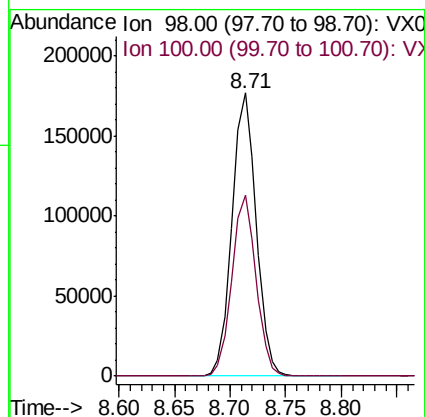
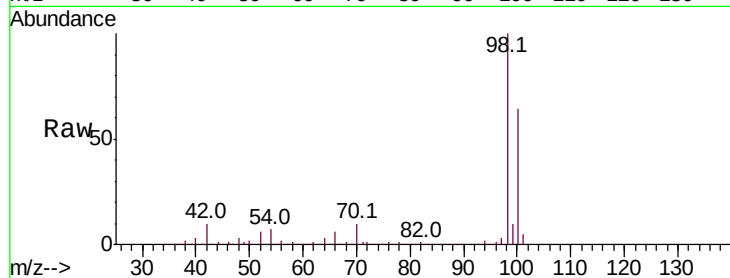
SA-PZ139I-20190731

Tot Ion: 98 Resp: 267094

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.445 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011285.D

Acq: 02 Aug 2019 01:57

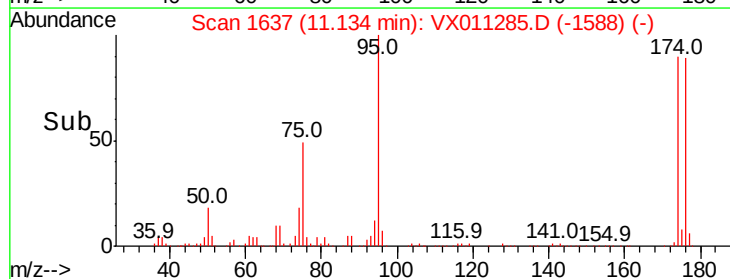
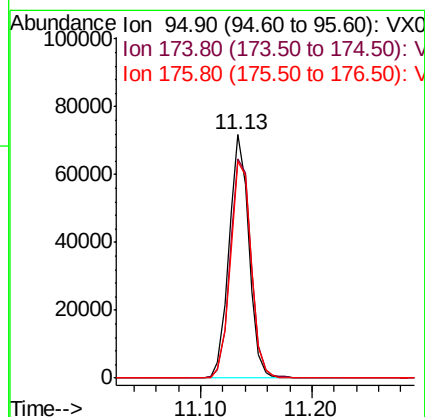
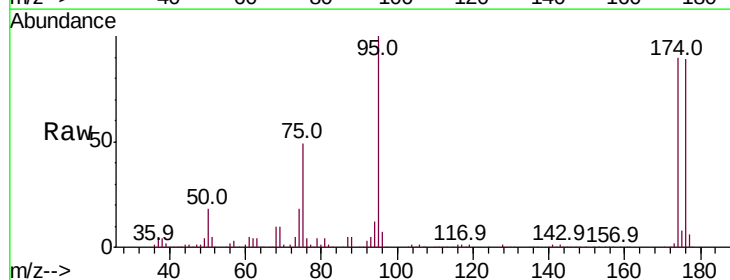
Tgt Ion: 95 Resp: 88456

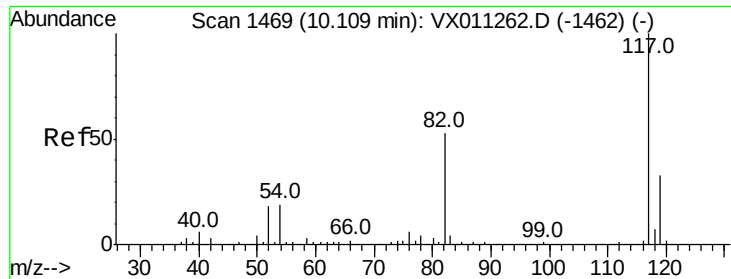
Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.2

176 92.8 0.0 184.8

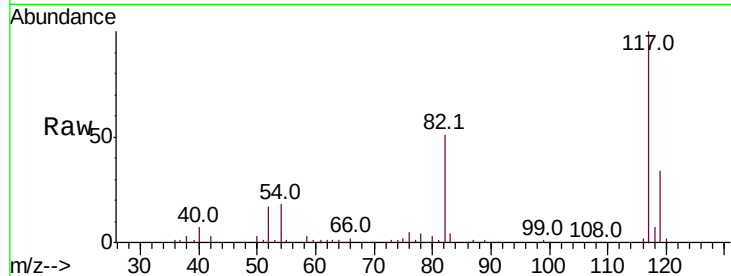




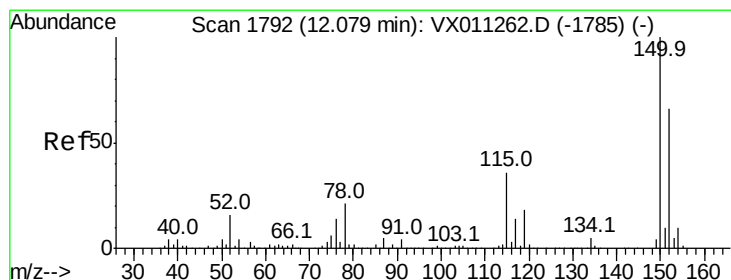
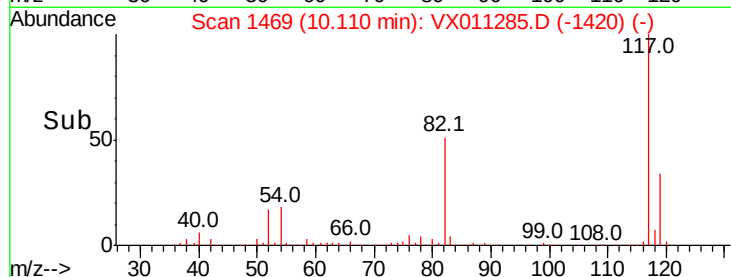
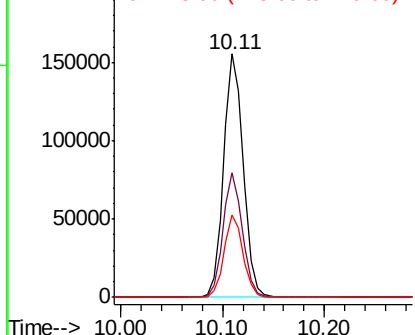
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011285.D
Acq: 02 Aug 2019 01:57

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ139I-20190731

Tot Ion:117 Resp: 207604
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.2
119 33.6 26.6 39.8

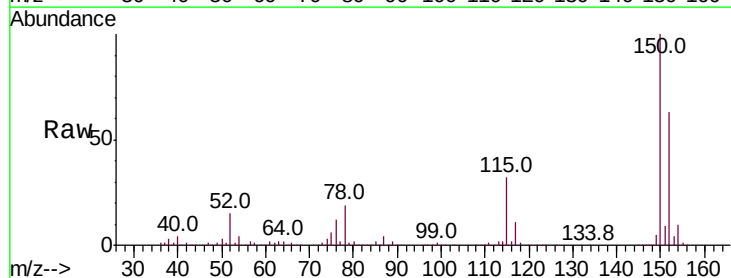


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011285.D
Acq: 02 Aug 2019 01:57

Tgt Ion:152 Resp: 94458
Ion Ratio Lower Upper
152 100
115 54.3 40.0 119.9
150 158.1 0.0 350.4



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

