

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012643.D
 Acq On : 24 Sep 2019 19:14
 Operator : JC/SP
 Sample : K5013-09RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0531RE

Quant Time: Sep 25 06:50:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	72730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115244	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.49	113	81944	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.71	98	318354	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.14	95	102521	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	

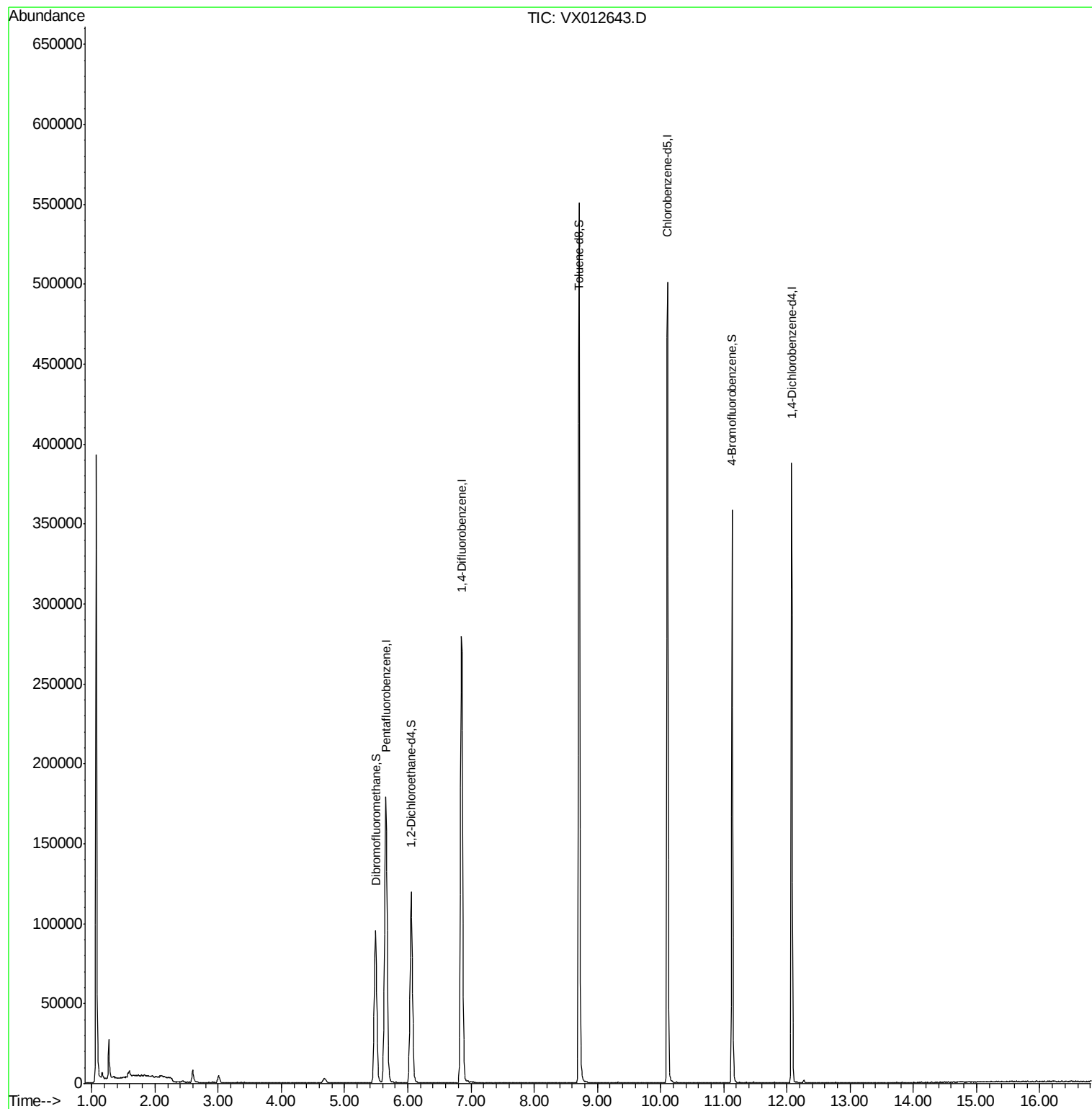
Target Compounds	Qvalue

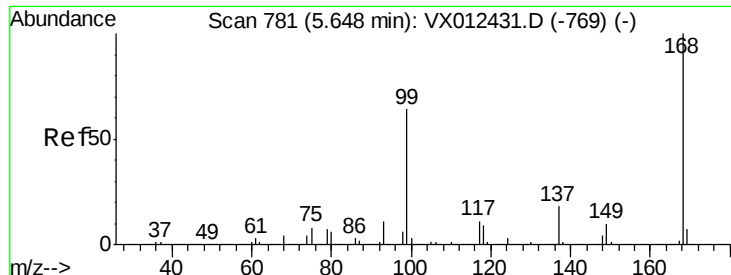
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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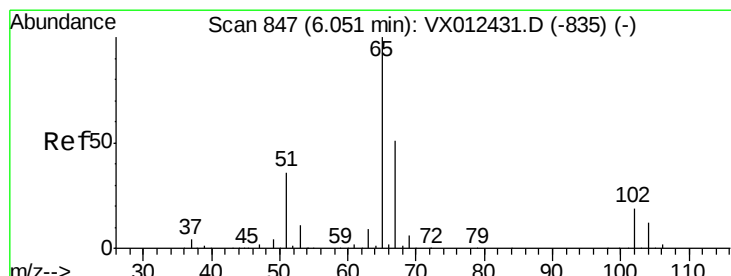
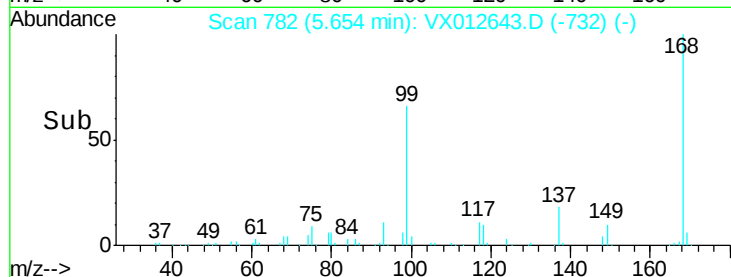
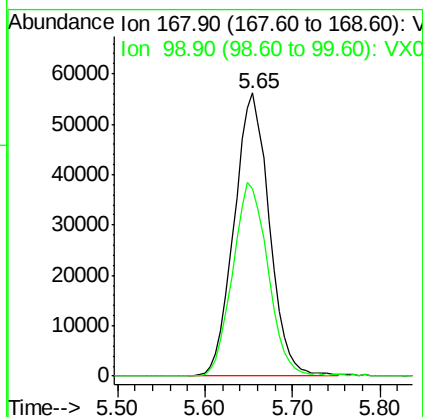
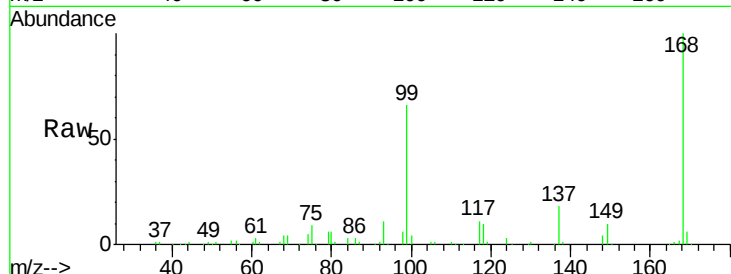




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012643.D
Acq: 24 Sep 2019 19:14

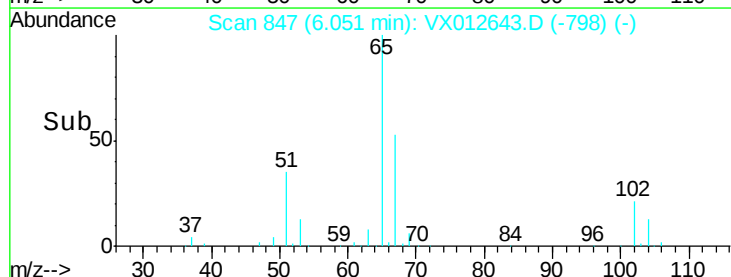
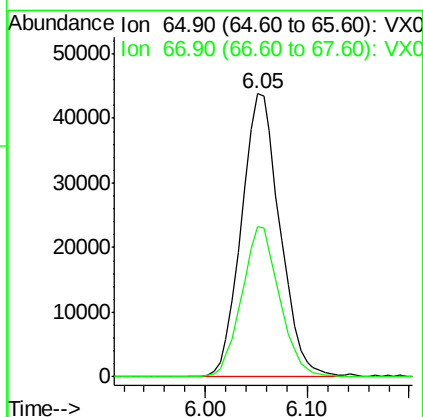
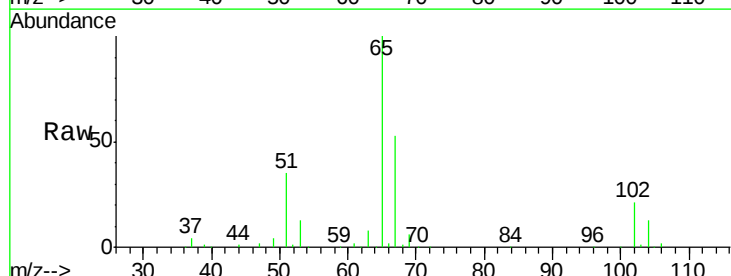
Instrument :
MSVOA_X
ClientSampleId :
S49-0531RE

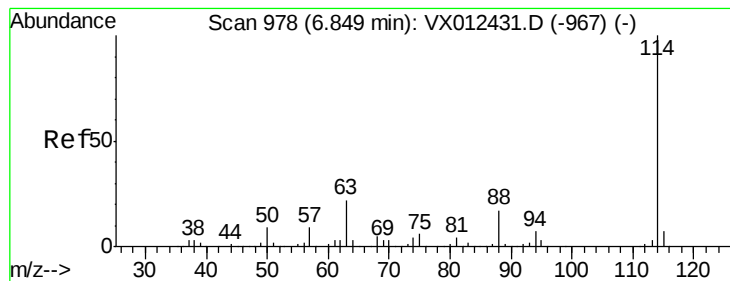
Tot Ion:168 Resp: 157029
Ion Ratio Lower Upper
168 100
99 66.1 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.399 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012643.D
Acq: 24 Sep 2019 19:14

Tgt Ion: 65 Resp: 115244
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012643.D

Acq: 24 Sep 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0531RE

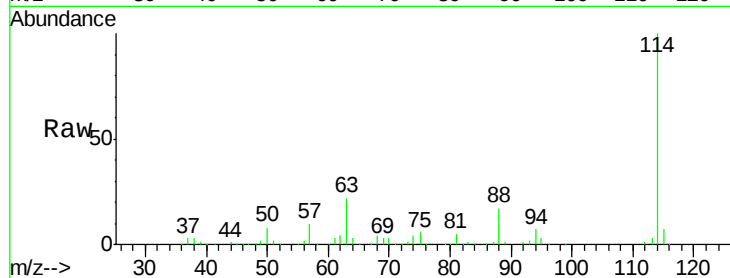
Tot Ion:114 Resp: 272585

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

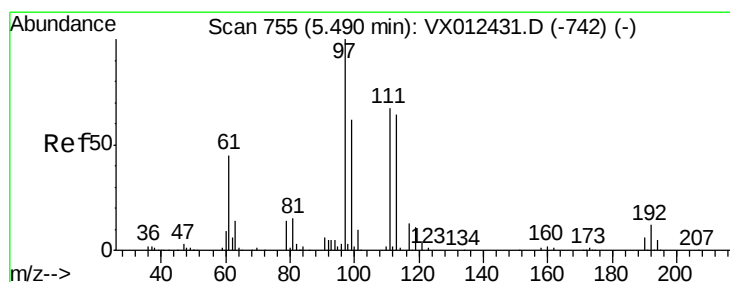
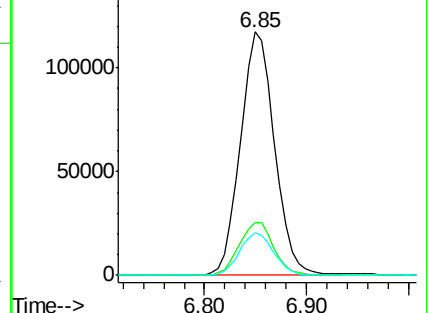
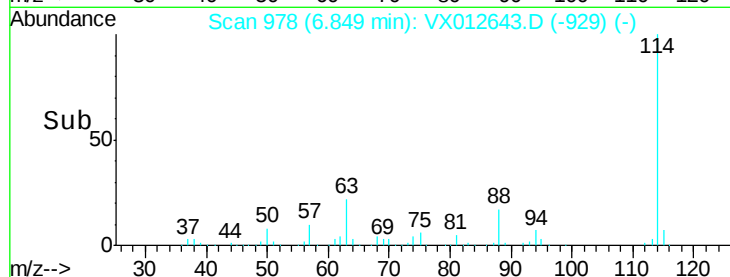
88 17.3 0.0 33.2



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: 50.478 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012643.D

Acq: 24 Sep 2019 19:14

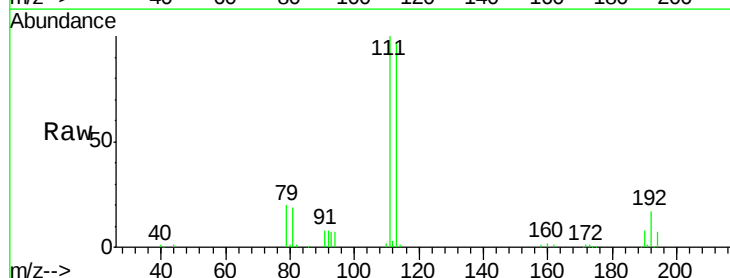
Tgt Ion:113 Resp: 81944

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

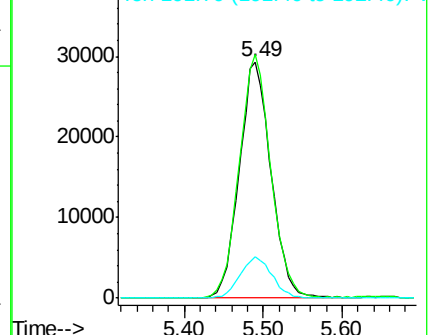
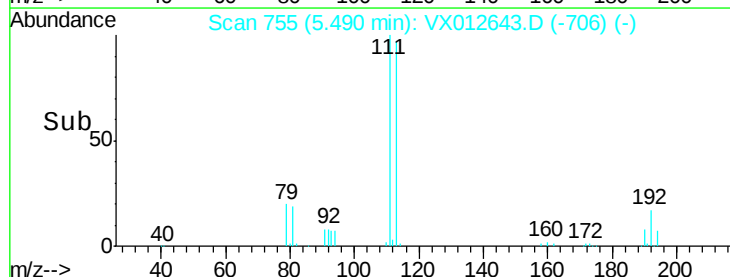
192 17.5 14.4 21.6

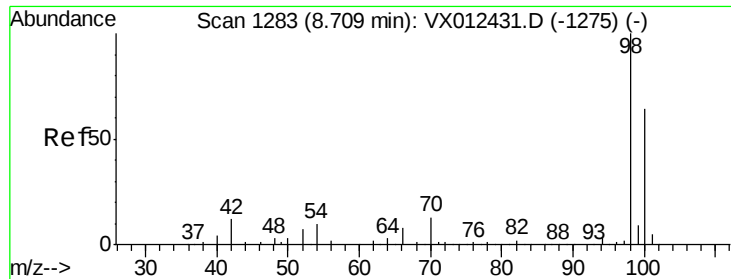


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.923 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012643.D

Acq: 24 Sep 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

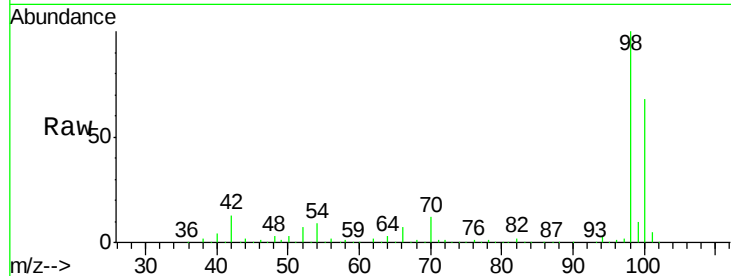
S49-0531RE

Tot Ion: 98 Resp: 318354

Ion Ratio Lower Upper

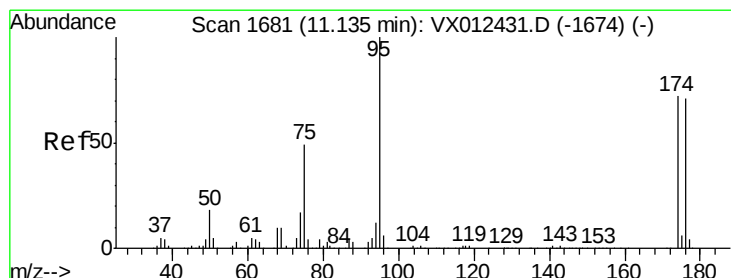
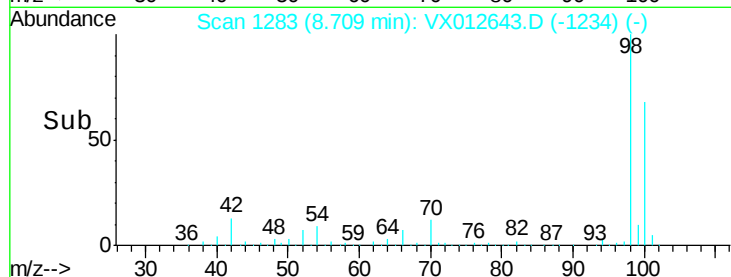
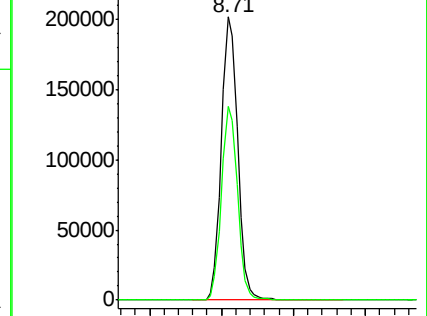
98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.706 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012643.D

Acq: 24 Sep 2019 19:14

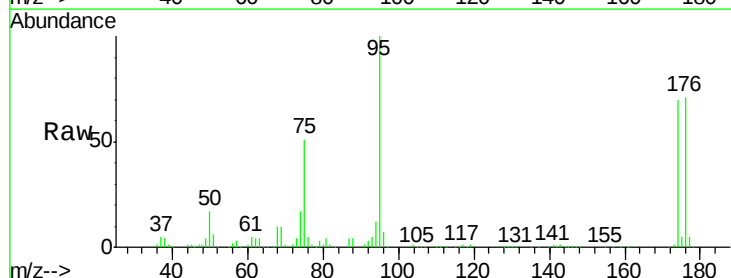
Tgt Ion: 95 Resp: 102521

Ion Ratio Lower Upper

95 100

174 66.8 0.0 140.0

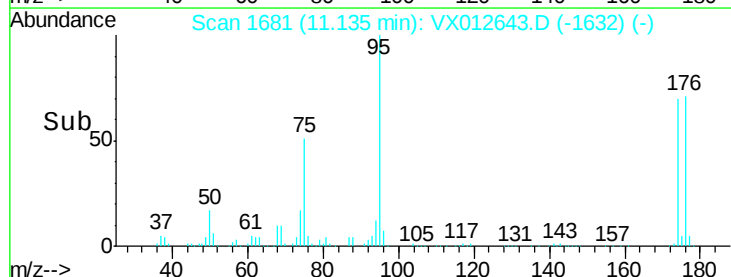
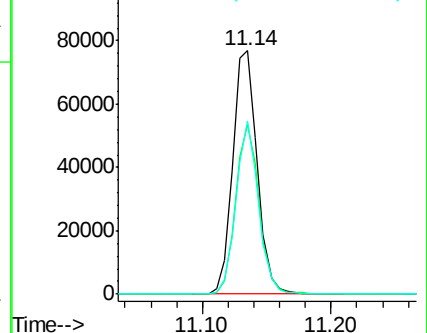
176 65.0 0.0 135.4

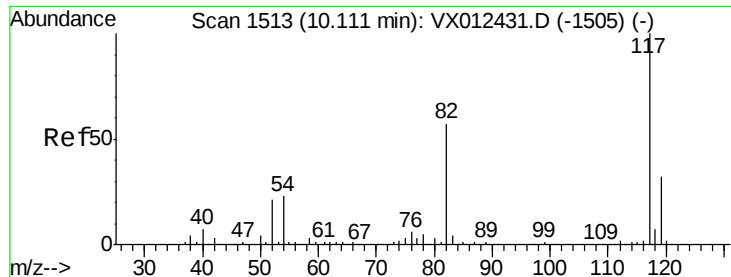


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

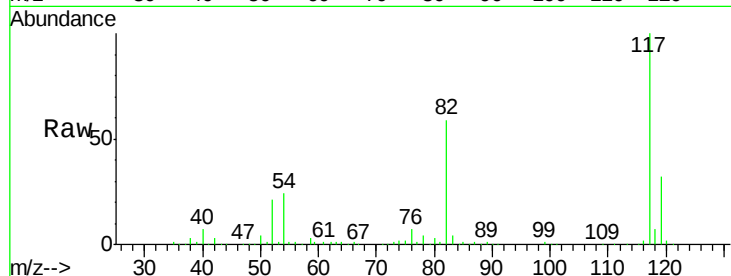




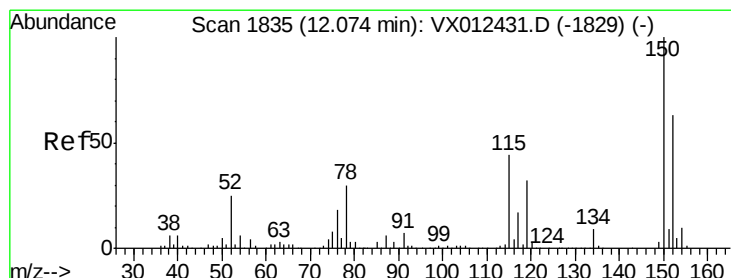
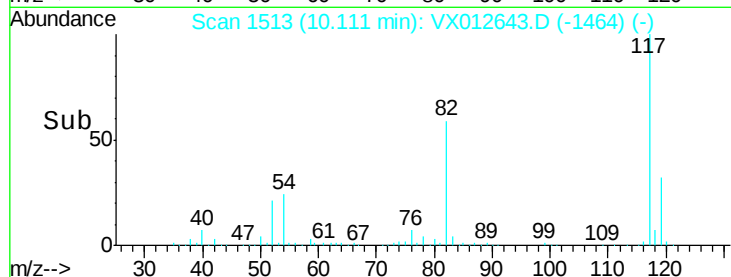
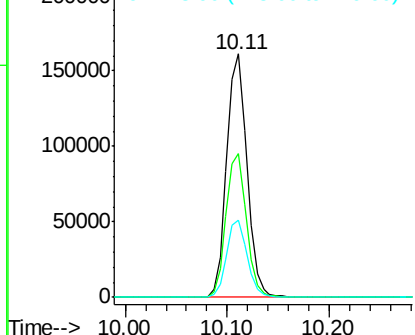
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012643.D
Acq: 24 Sep 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
S49-0531RE

Tot Ion:117 Resp: 222434
Ion Ratio Lower Upper
117 100
82 59.0 45.9 68.9
119 31.6 25.3 37.9

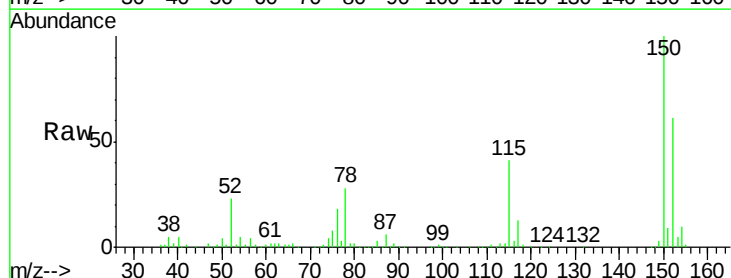


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012643.D
Acq: 24 Sep 2019 19:14

Tgt Ion:152 Resp: 72730
Ion Ratio Lower Upper
152 100
115 66.2 44.1 132.3
150 161.1 0.0 343.8



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

