

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012582.D
 Acq On : 21 Sep 2019 01:42
 Operator : JC/SP
 Sample : K4956-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-ER-2019-2

Quant Time: Sep 21 04:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

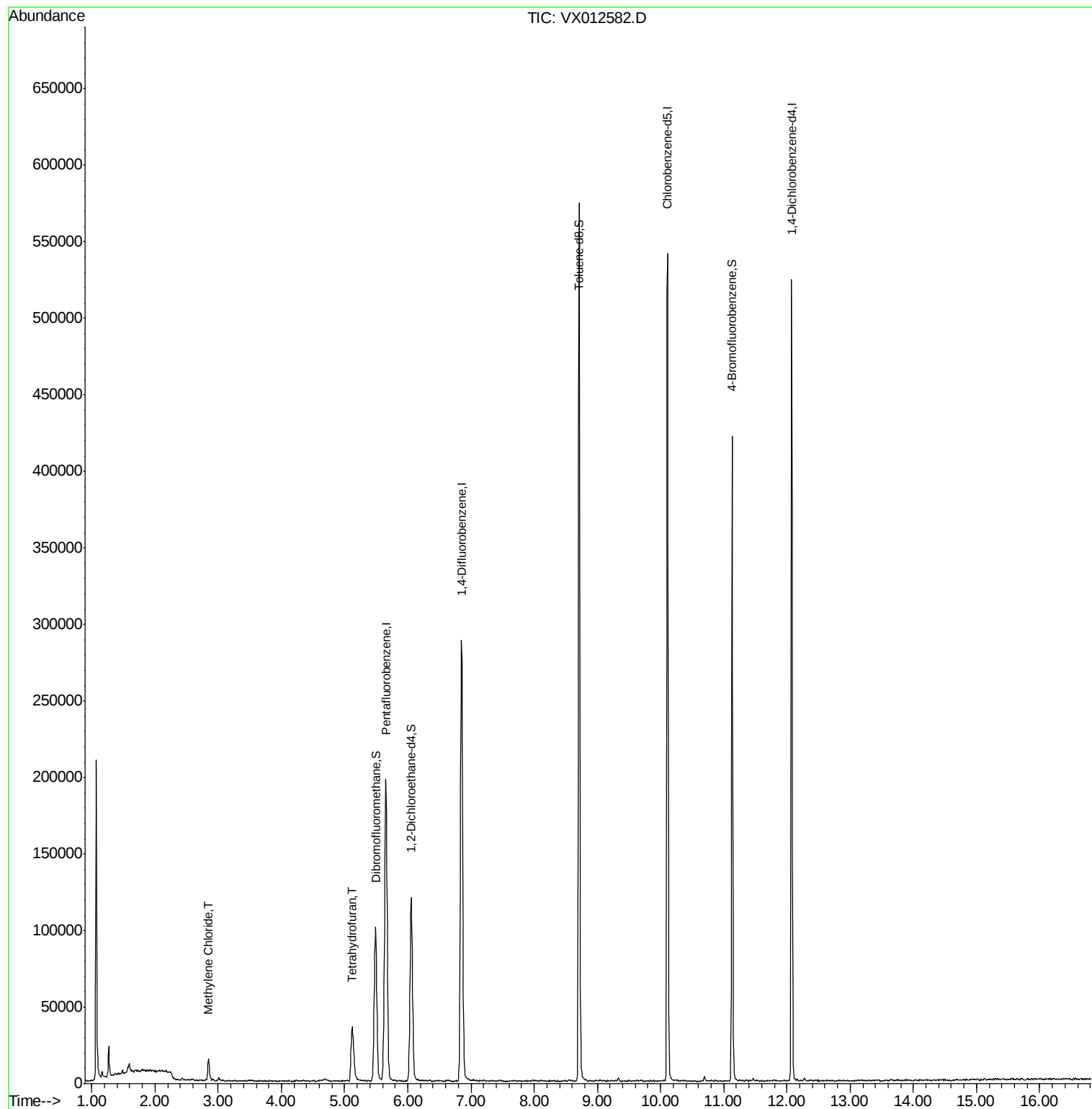
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117996	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.49	113	84420	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	322111	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	114991	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
Target Compounds						
20) Methylene Chloride	2.84	84	6438	4.212	ug/l	93
29) Tetrahydrofuran	5.12	42	34434	35.582	ug/l	98

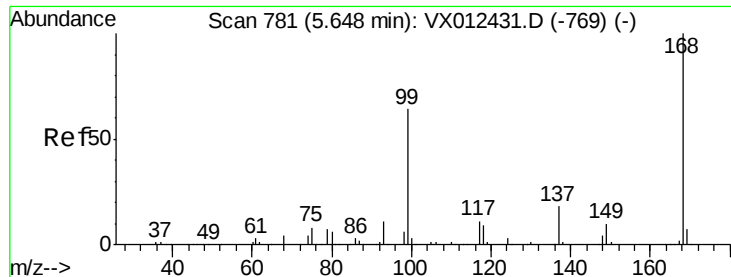
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012582.D

Acq: 21 Sep 2019 01:42

Instrument :

MSVOA_X

ClientSampleId :

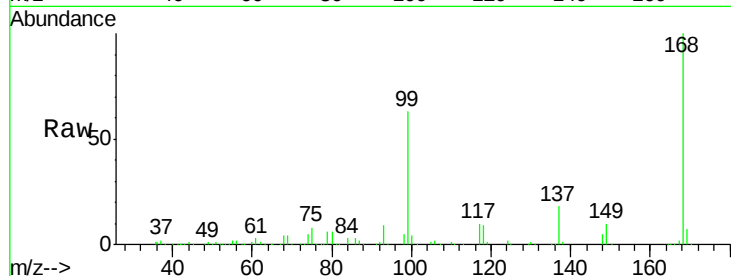
S49-ER-2019-2

Tot Ion:168 Resp: 176207

Ion Ratio Lower Upper

168 100

99 62.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

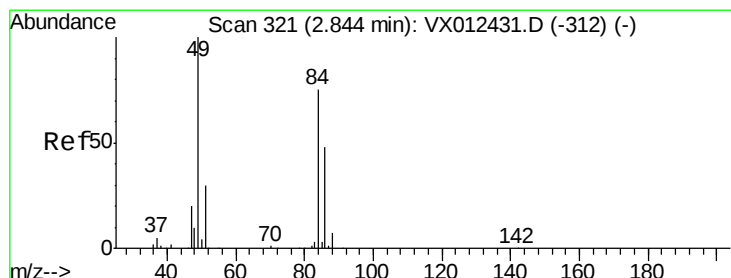
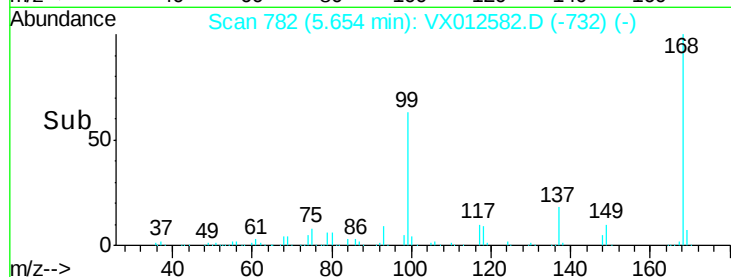
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 4.212 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012582.D

Acq: 21 Sep 2019 01:42

Tgt Ion: 84 Resp: 6438

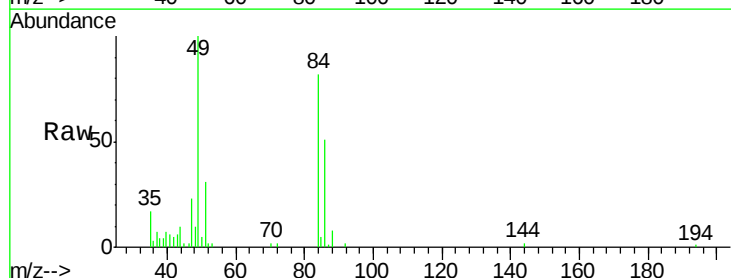
Ion Ratio Lower Upper

84 100

49 122.4 106.8 160.2

51 35.6 32.3 48.5

86 62.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

6000

5000

4000

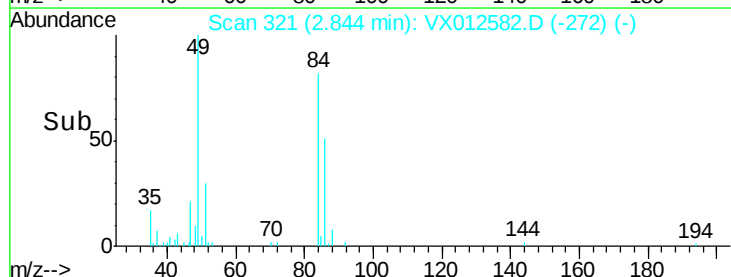
3000

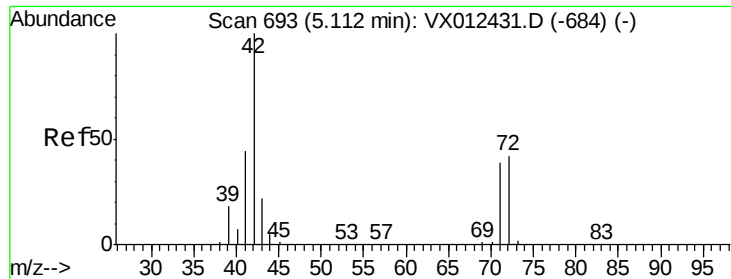
2000

1000

0

Time--> 2.80 2.85 2.90 2.95

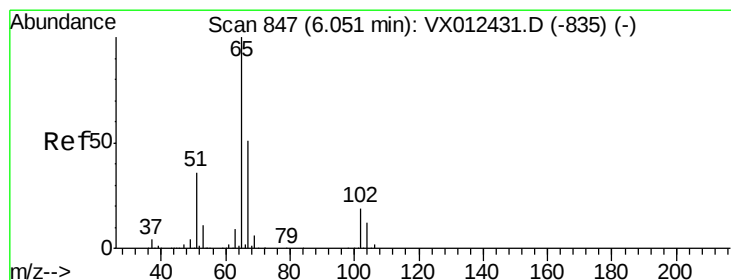
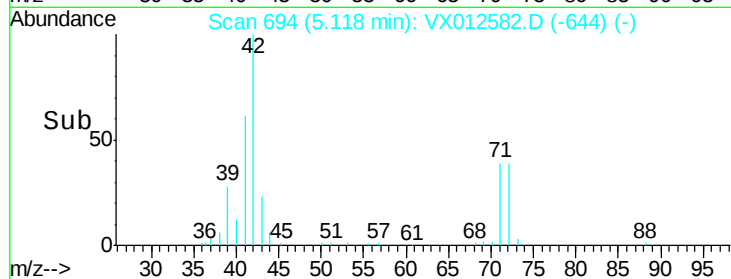
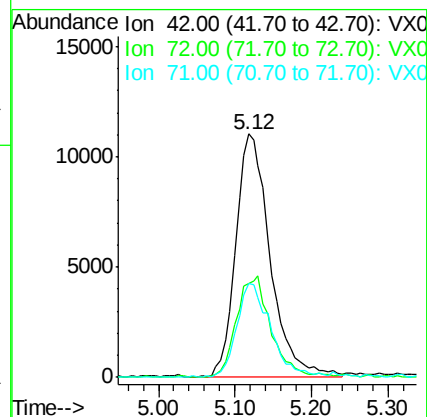
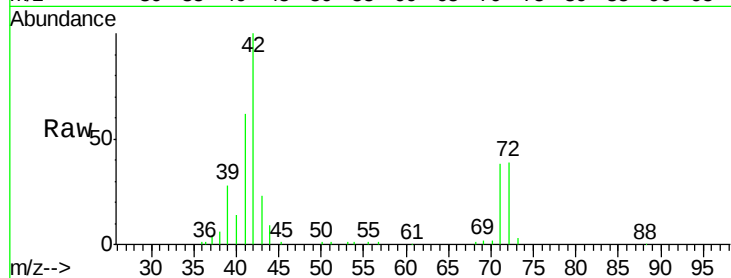




#29
Tetrahydrofuran
Concen: 35.582 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

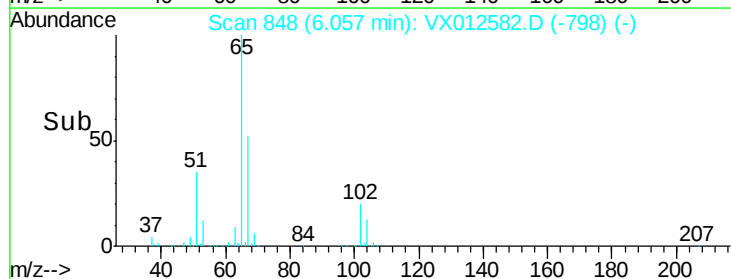
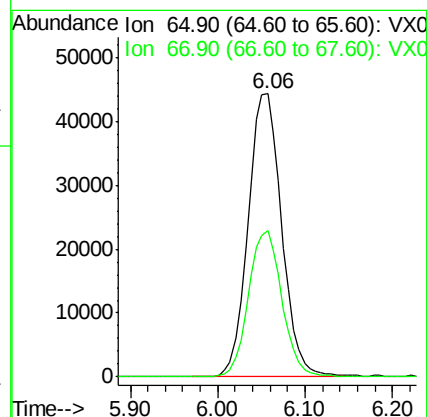
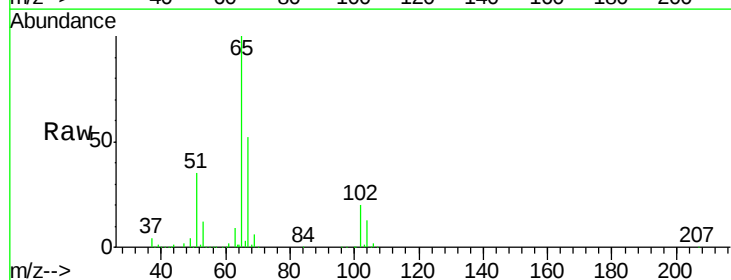
Instrument :
MSVOA_X
ClientSampled :
S49-ER-2019-2

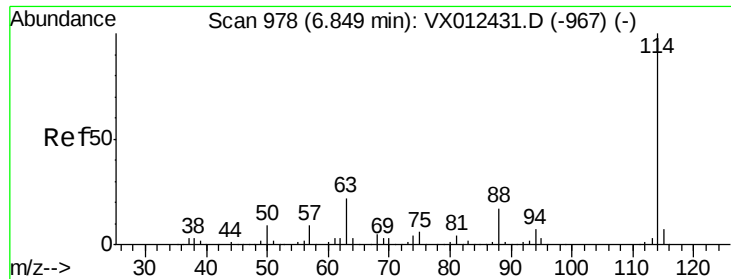
Tot Ion: 42 Resp: 34434
Ion Ratio Lower Upper
42 100
72 40.9 34.0 51.0
71 38.3 31.5 47.3



#33
1,2-Dichloroethane-d4
Concen: 46.724 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 65 Resp: 117996
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.2

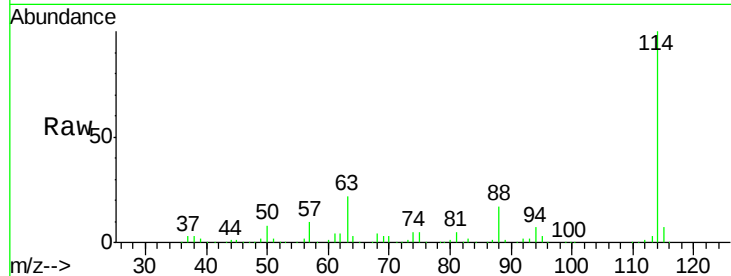




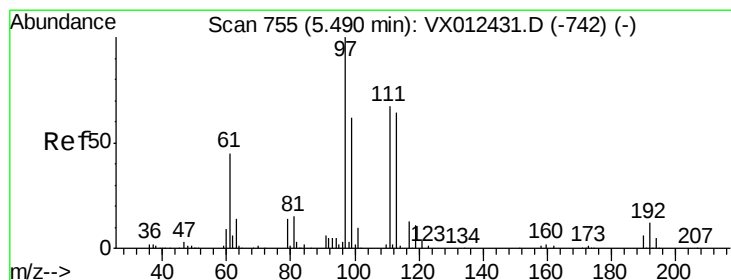
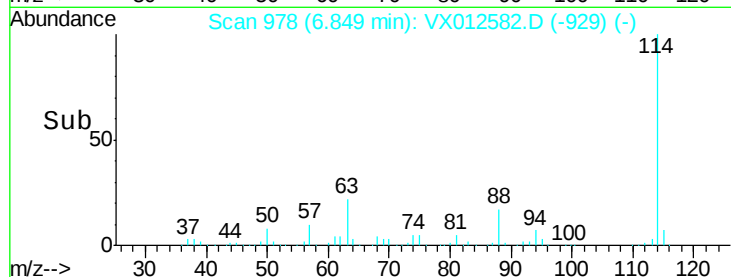
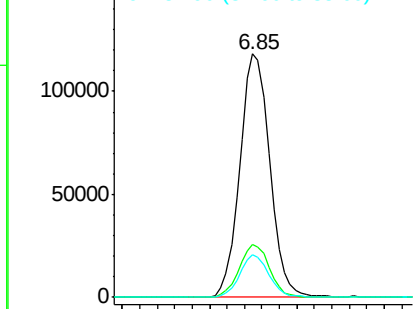
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012582.D
 Acq: 21 Sep 2019 01:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-ER-2019-2

Tot Ion:114 Resp: 281523
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 17.4 0.0 33.2

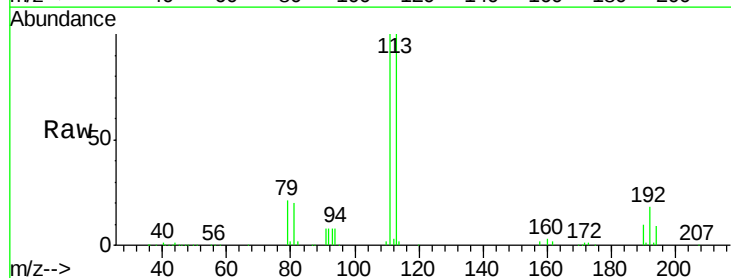


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

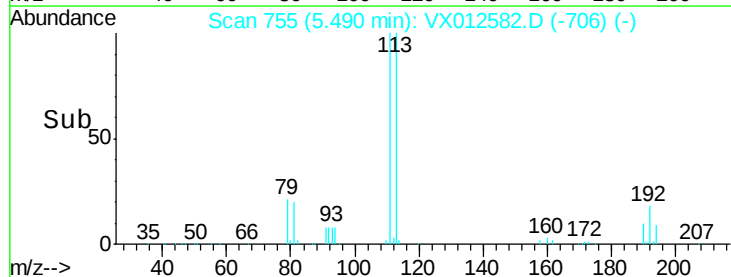
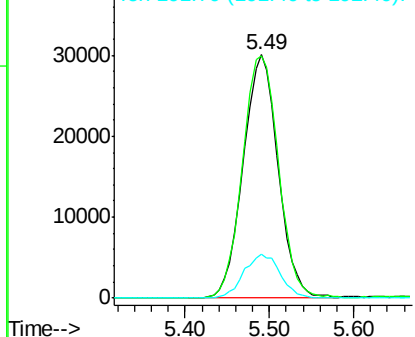


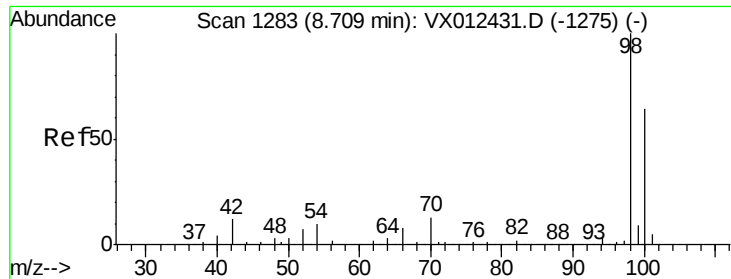
#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012582.D
 Acq: 21 Sep 2019 01:42

Tgt Ion:113 Resp: 84420
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 18.8 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

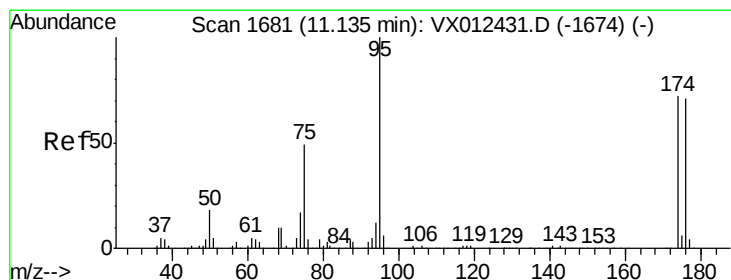
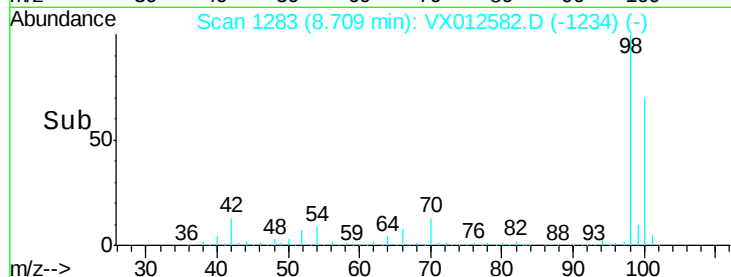
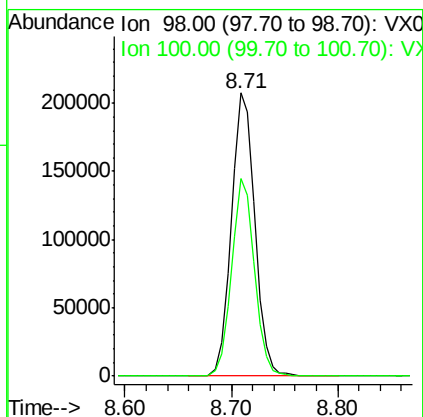
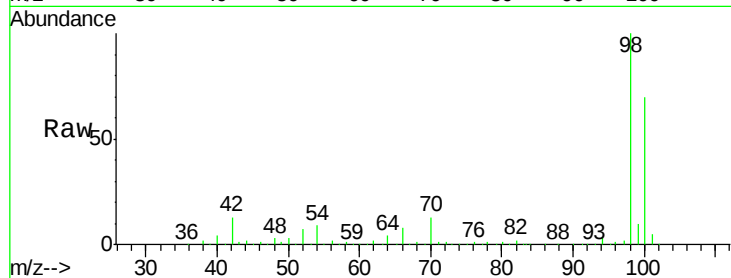




#50
Toluene-d8
Concen: 51.072 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

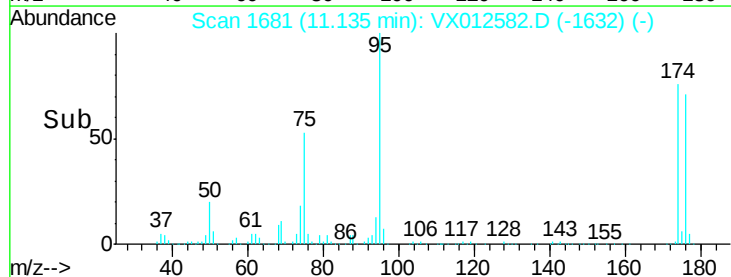
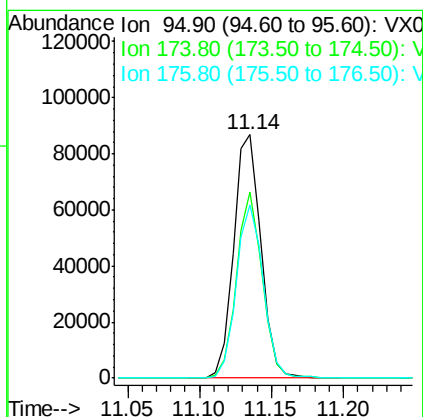
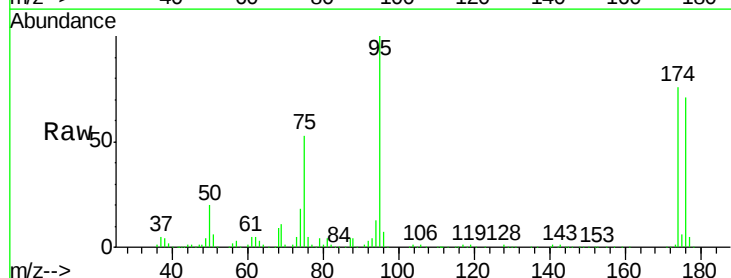
Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

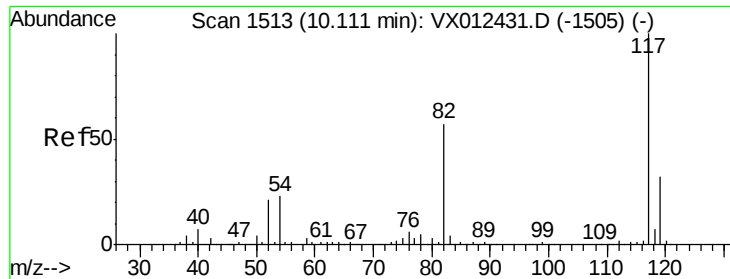
Tot Ion: 98 Resp: 322111
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 43.911 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 95 Resp: 114991
Ion Ratio Lower Upper
95 100
174 72.1 0.0 140.0
176 70.2 0.0 135.4

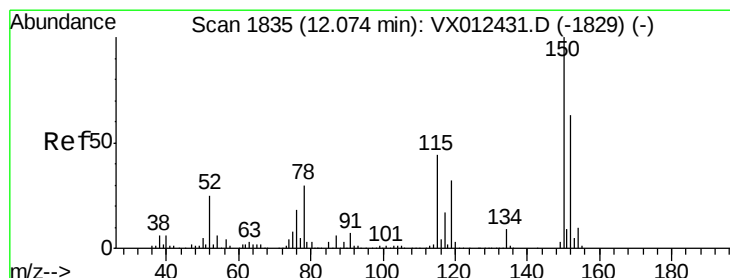
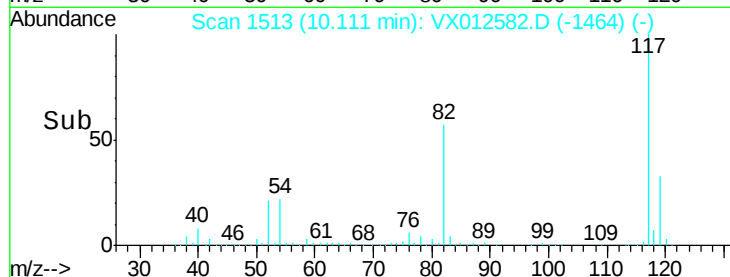
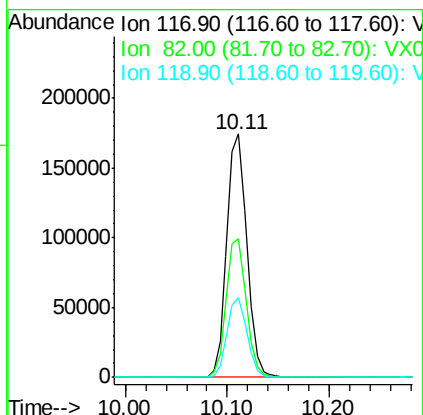
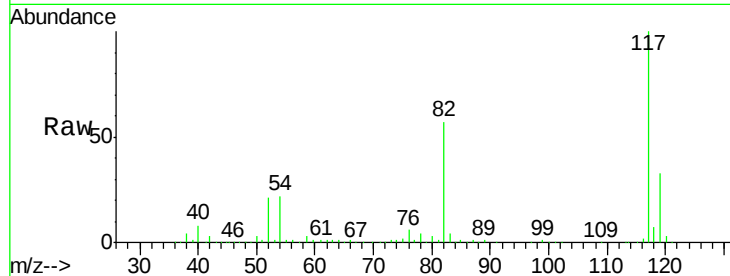




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tot Ion:117 Resp: 238090
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion:152 Resp: 98010
Ion Ratio Lower Upper
152 100
115 62.8 44.1 132.3
150 157.5 0.0 343.8

