

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012030.D
 Acq On : 03 Sep 2019 18:58
 Operator : SY/SP
 Sample : K4525-18
 Misc : 4.67g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B4-(1.9)

Quant Time: Sep 04 04:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

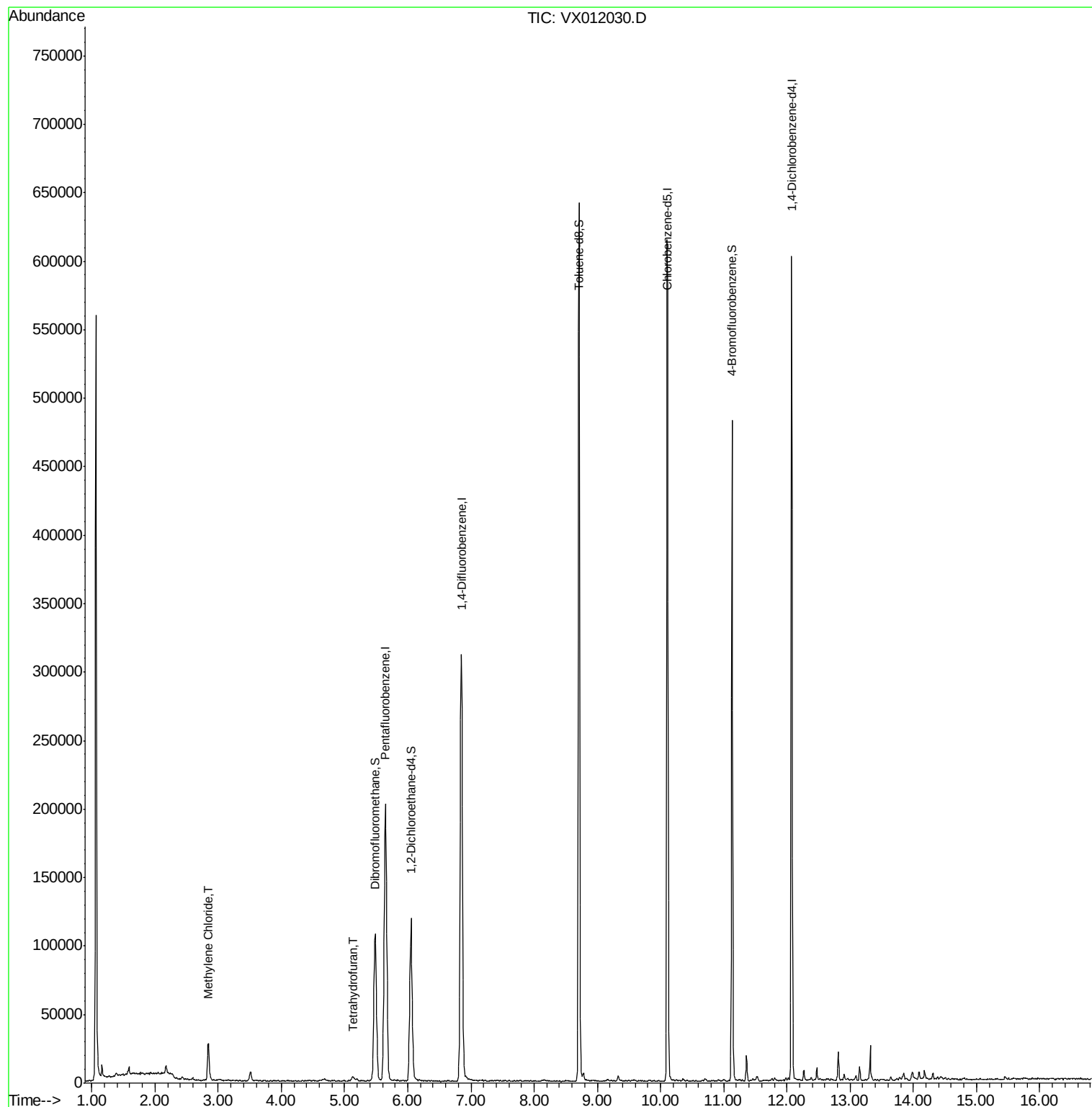
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	172969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117567	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.48	113	92408	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	365419	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.13	95	143392	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
20) Methylene Chloride	2.84	84	13631	5.950	ug/l	97
29) Tetrahydrofuran	5.12	42	2970	6.789	ug/l	93

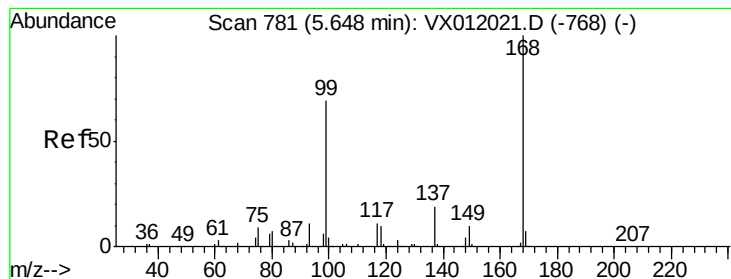
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012030.D

Acq: 03 Sep 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

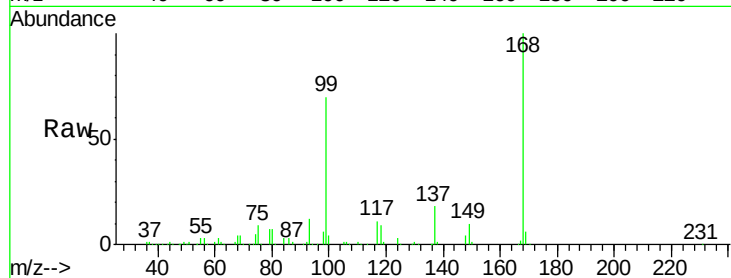
T9-12-13-B4-(1.9)

Tot Ion:168 Resp: 172969

Ion Ratio Lower Upper

168 100

99 70.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

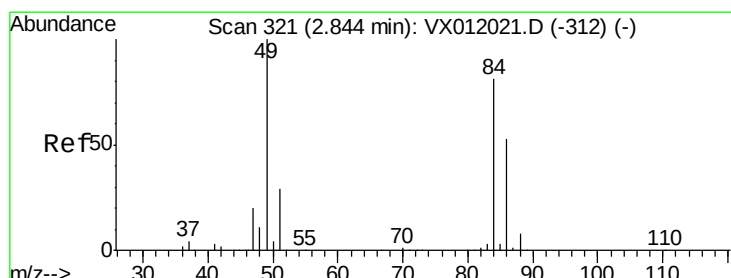
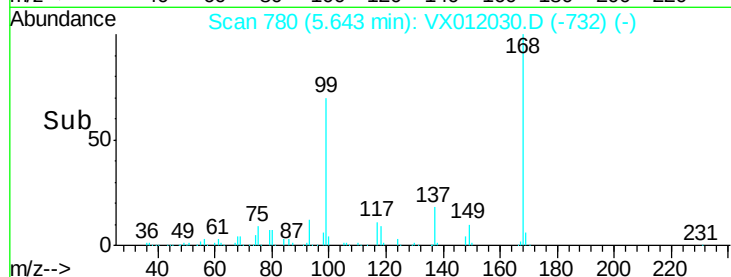
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 5.950 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012030.D

Acq: 03 Sep 2019 18:58

Tgt Ion: 84 Resp: 13631

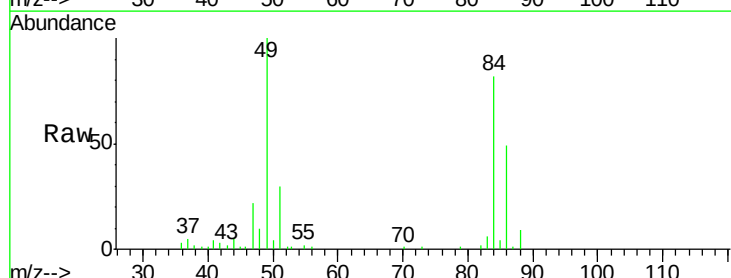
Ion Ratio Lower Upper

84 100

49 122.3 95.8 143.8

51 36.9 28.6 43.0

86 60.2 50.9 76.3



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

12000

10000

8000

6000

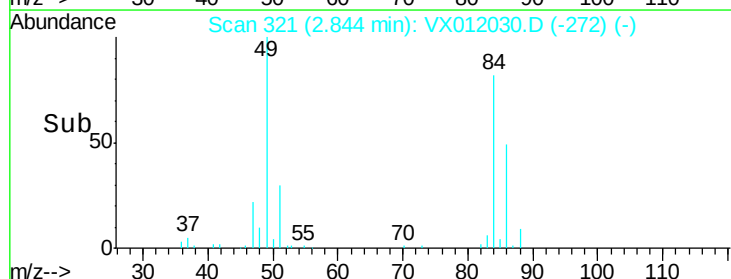
4000

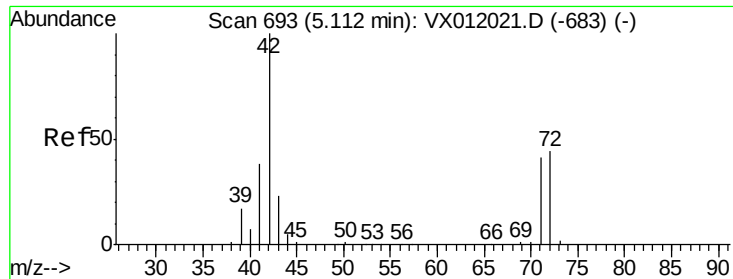
2000

0

Time-->

2.80 2.90

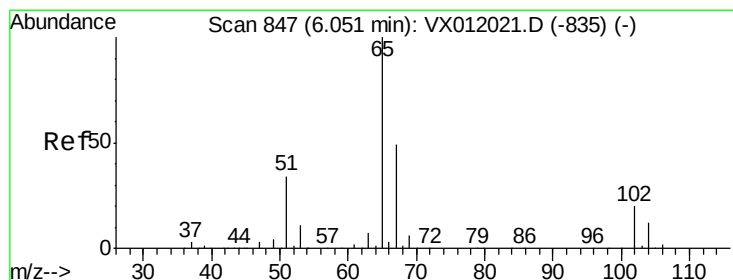
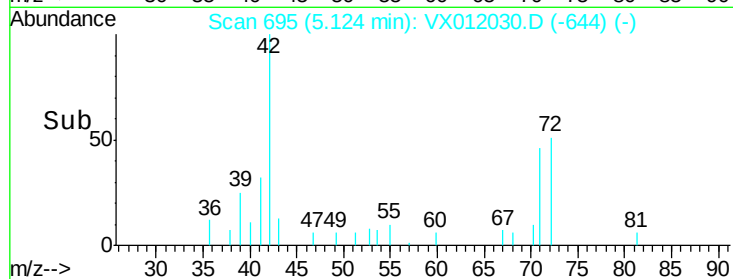
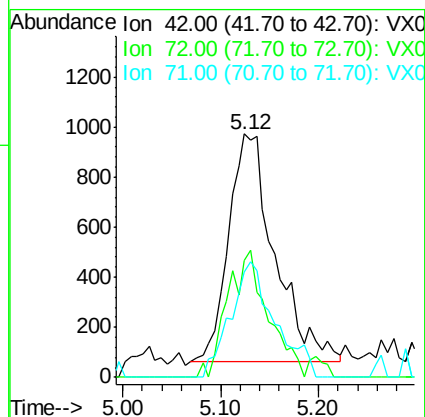
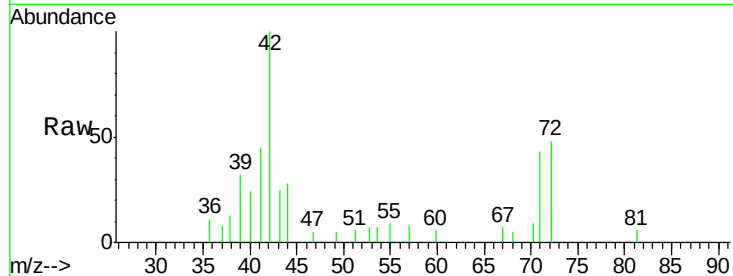




#29
Tetrahydrofuran
Concen: 6.789 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012030.D
Acq: 03 Sep 2019 18:58

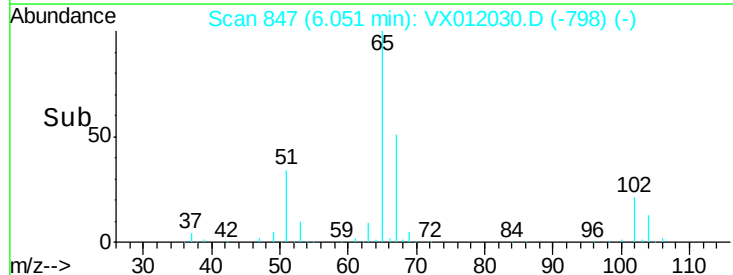
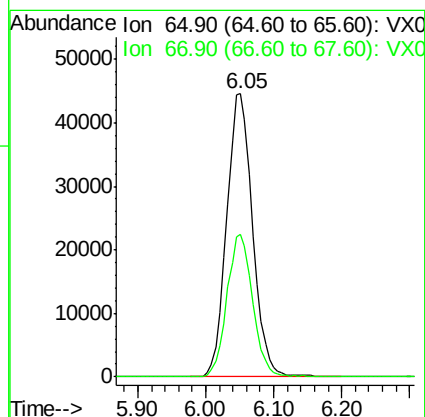
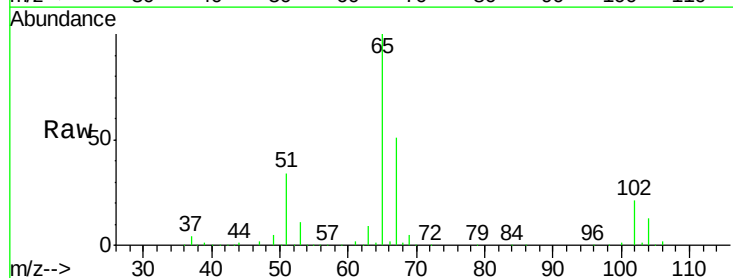
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B4-(1.9)

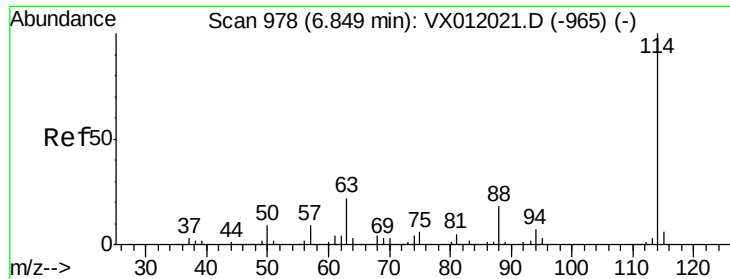
Tot Ion: 42 Resp: 2970
Ion Ratio Lower Upper
42 100
72 49.1 37.0 55.4
71 49.1 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.261 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012030.D
Acq: 03 Sep 2019 18:58

Tgt Ion: 65 Resp: 117567
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.0

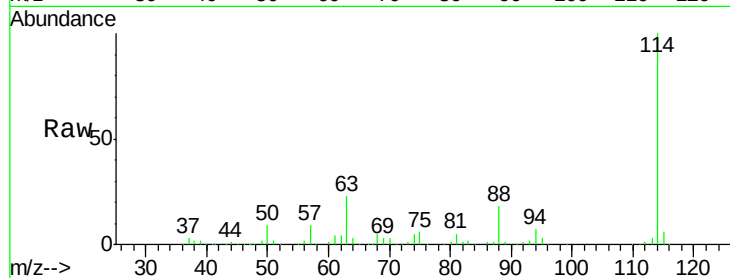




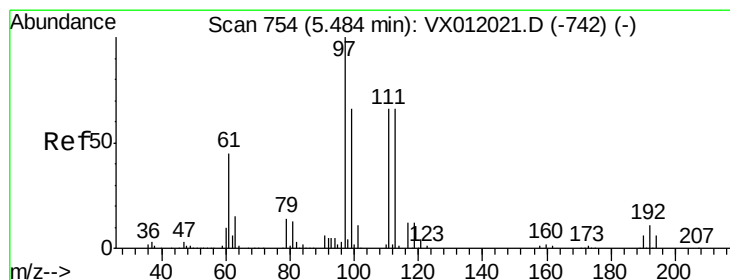
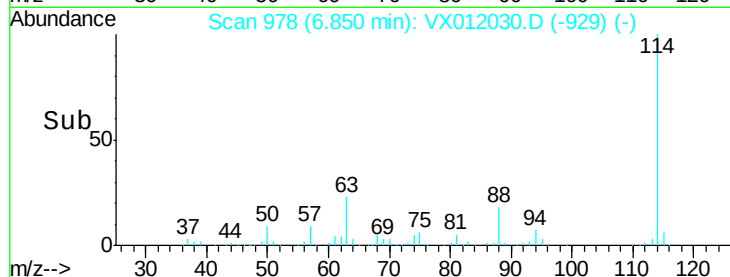
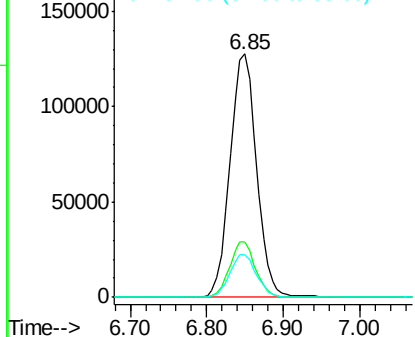
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012030.D
 Acq: 03 Sep 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B4-(1.9)

Tot Ion:114 Resp: 307314
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 37.4
 88 17.7 0.0 29.6

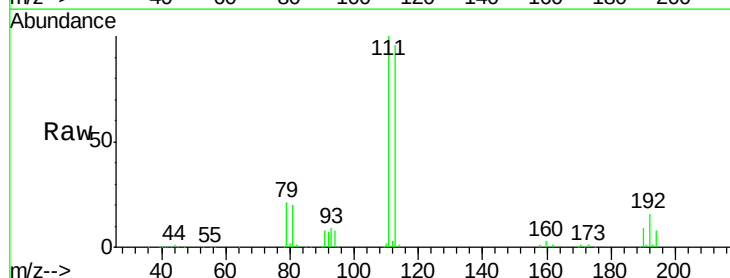


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

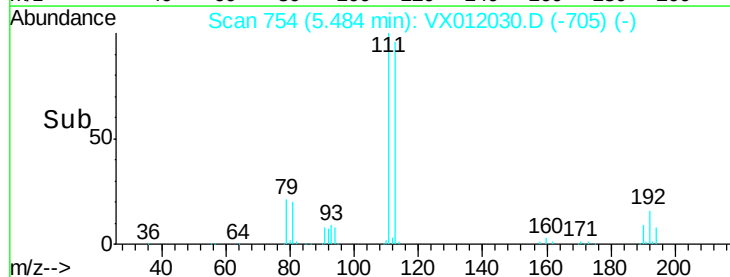
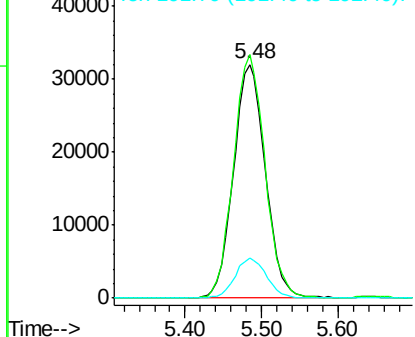


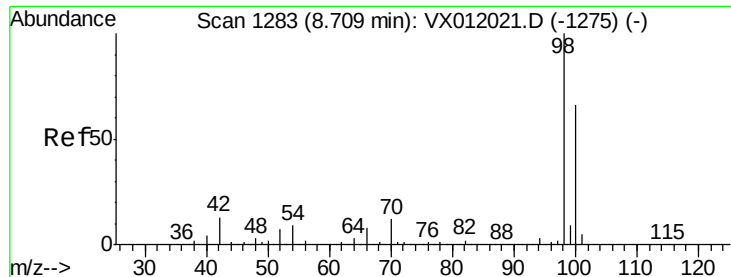
#35
 Dibromofluoromethane
 Concen: 48.896 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012030.D
 Acq: 03 Sep 2019 18:58

Tgt Ion:113 Resp: 92408
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.7 122.5
 192 16.7 22.5 33.7#



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

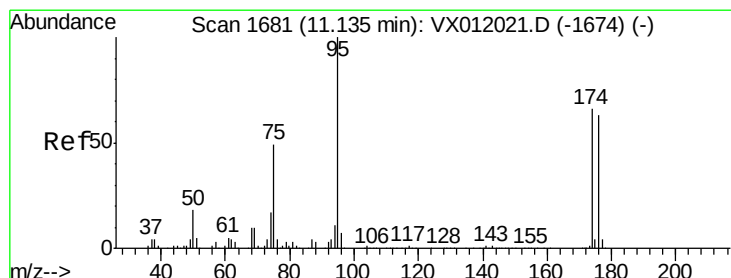
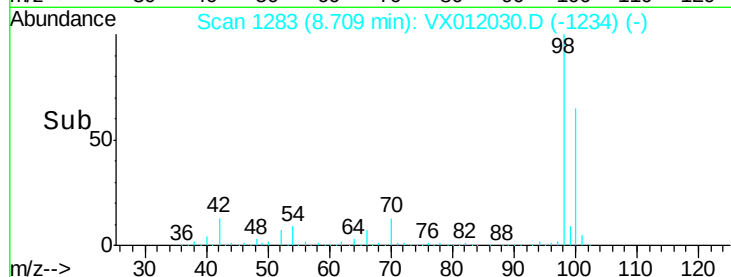
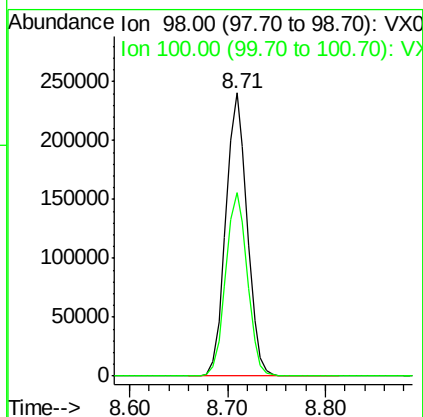
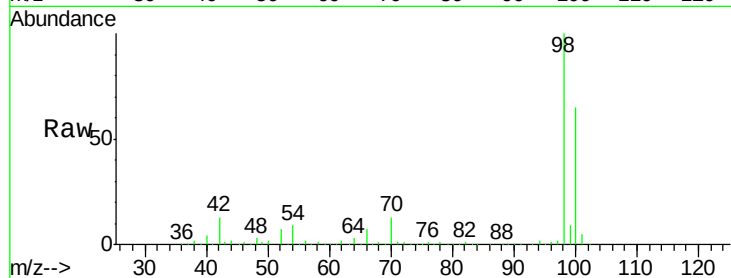




#50
Toluene-d8
Concen: 52.692 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012030.D
Acq: 03 Sep 2019 18:58

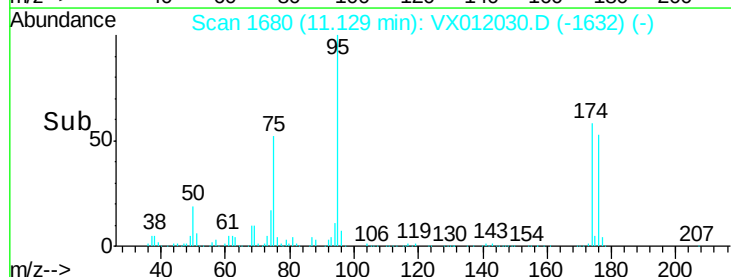
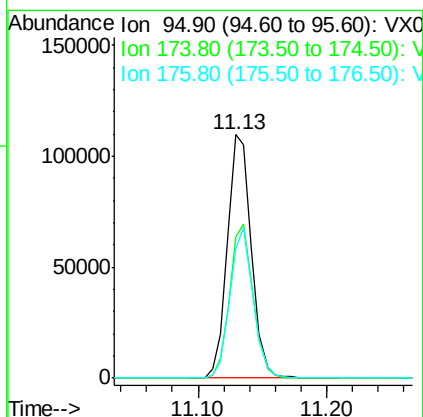
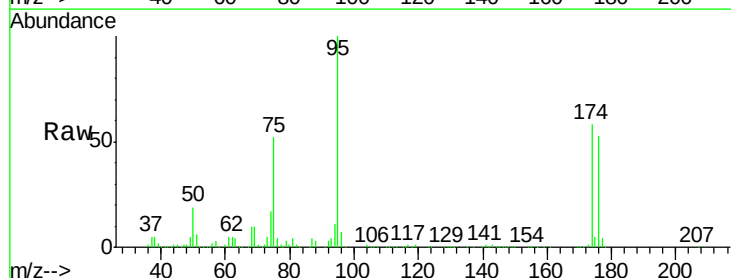
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B4-(1.9)

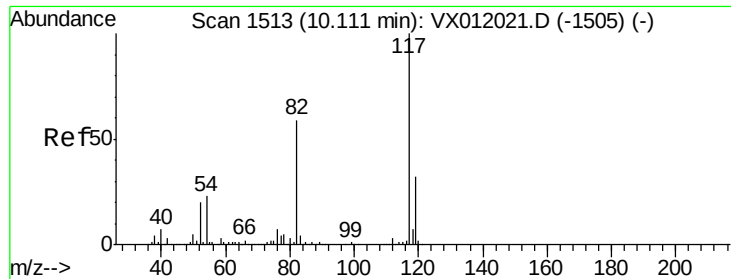
Tot Ion: 98 Resp: 365419
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.460 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012030.D
Acq: 03 Sep 2019 18:58

Tgt Ion: 95 Resp: 143392
Ion Ratio Lower Upper
95 100
174 62.1 0.0 205.4
176 59.6 0.0 201.8

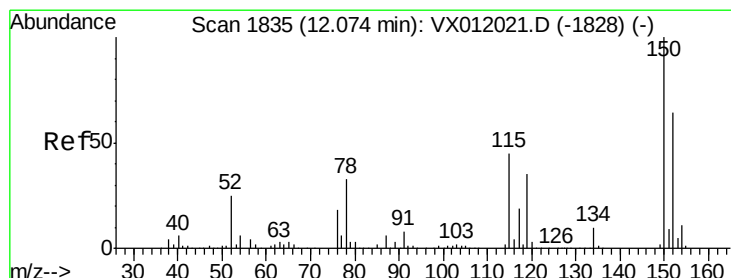
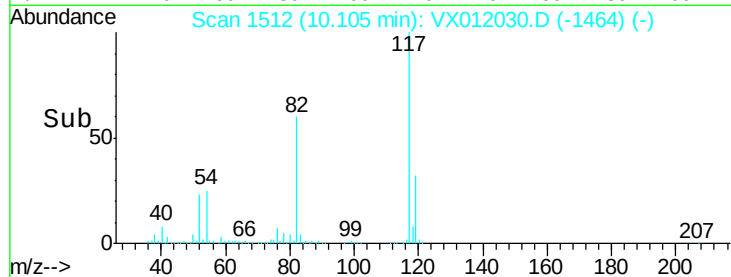
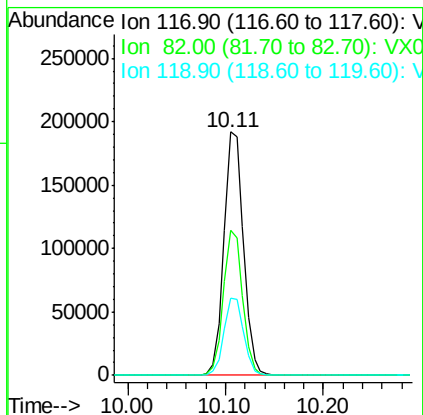
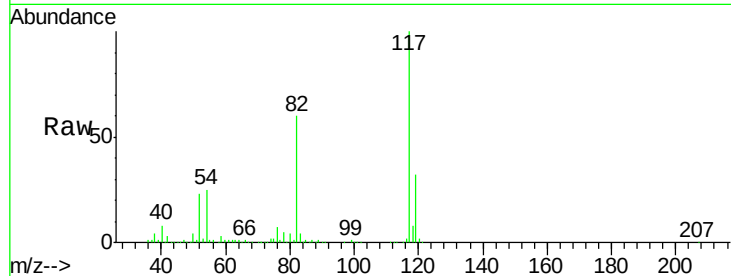




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012030.D
Acq: 03 Sep 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B4-(1.9)

Tot Ion:117 Resp: 266454
Ion Ratio Lower Upper
117 100
82 59.7 39.4 59.0#
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012030.D
Acq: 03 Sep 2019 18:58

Tgt Ion:152 Resp: 110237
Ion Ratio Lower Upper
152 100
115 66.3 36.4 109.3
150 159.1 0.0 341.2

