

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011930.D
 Acq On : 31 Aug 2019 02:48
 Operator : SY/SP
 Sample : K4493-02
 Misc : 4.94g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-H-(0)

Quant Time: Aug 31 04:54:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

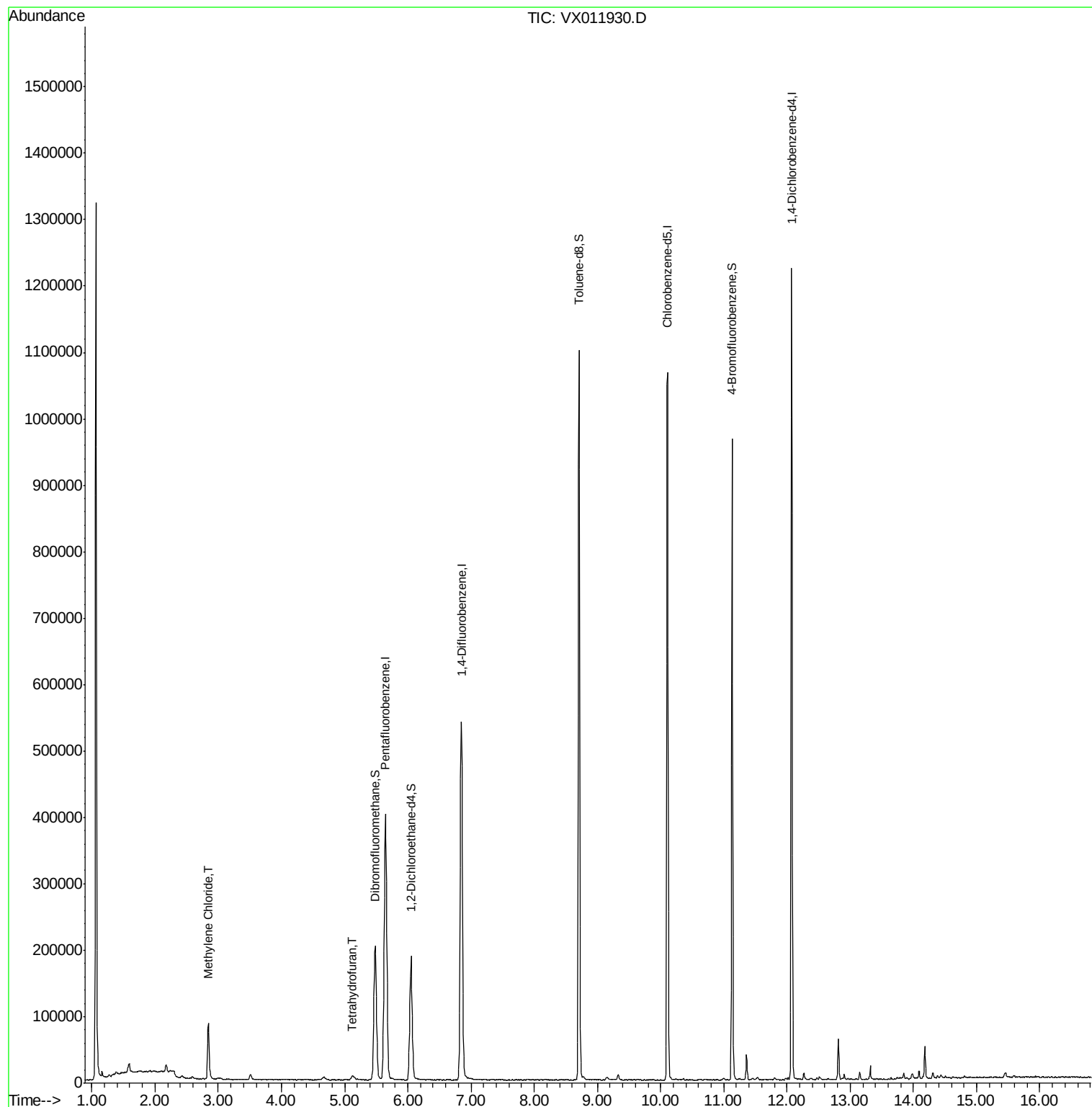
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	425929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	573303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	179272	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
35) Dibromofluoromethane	5.48	113	164865	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
50) Toluene-d8	8.71	98	649198	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	238177	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
Target Compounds						
20) Methylene Chloride	2.84	84	40216	6.458	ug/l	96
29) Tetrahydrofuran	5.12	42	6233	7.809	ug/l #	89

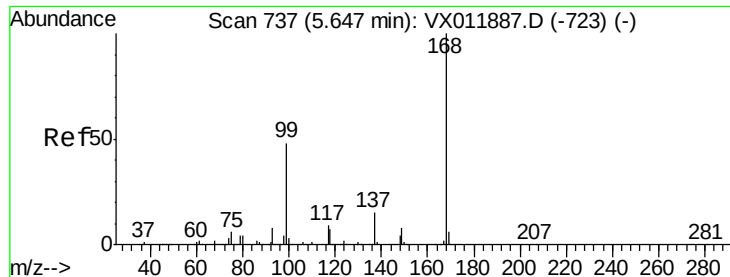
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011930.D

Acq: 31 Aug 2019 02:48

Instrument :

MSVOA_X

ClientSampleId :

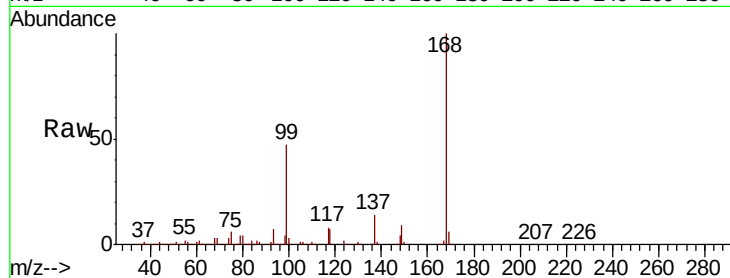
T9-12-13-H-(0)

Tot Ion:168 Resp: 425929

Ion Ratio Lower Upper

168 100

99 47.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

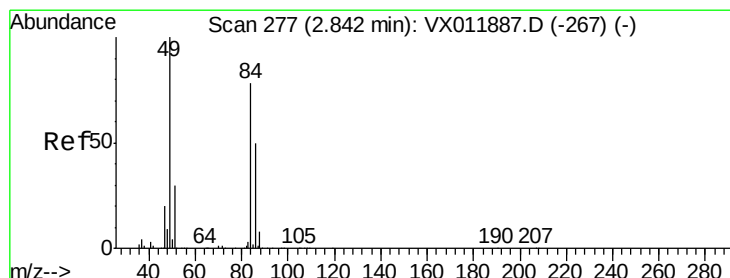
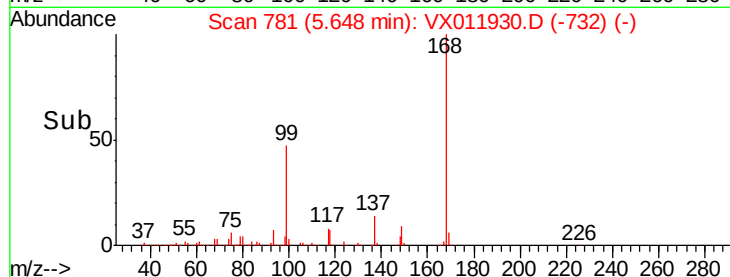
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 6.458 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX011930.D

Acq: 31 Aug 2019 02:48

Tgt Ion: 84 Resp: 40216

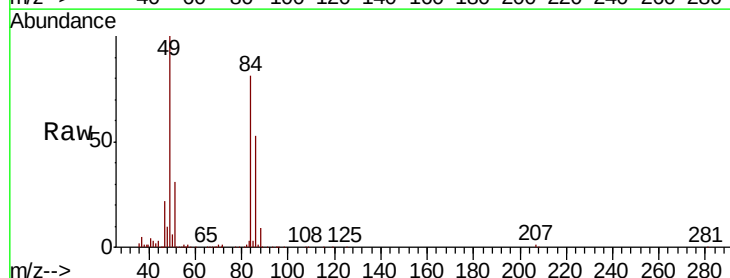
Ion Ratio Lower Upper

84 100

49 123.1 103.0 154.4

51 37.3 30.8 46.2

86 65.7 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

40000

30000

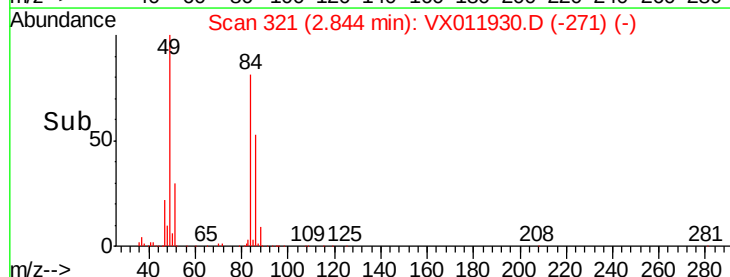
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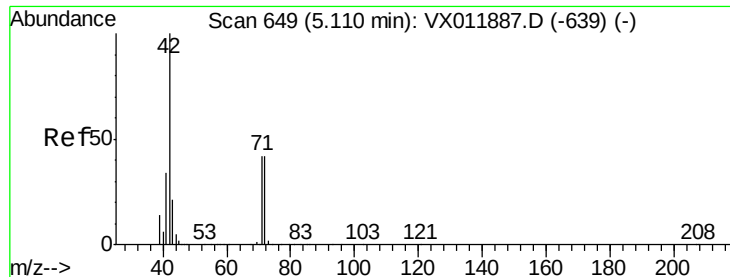
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0

Time-->

2.70 2.80 2.90

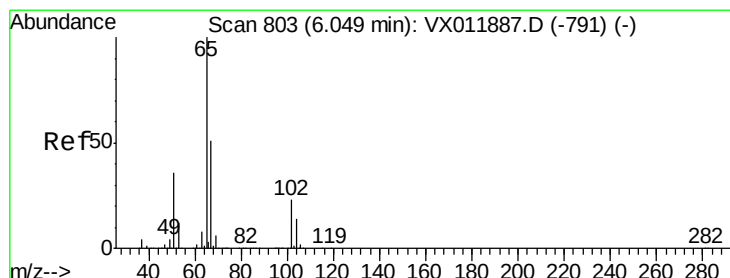
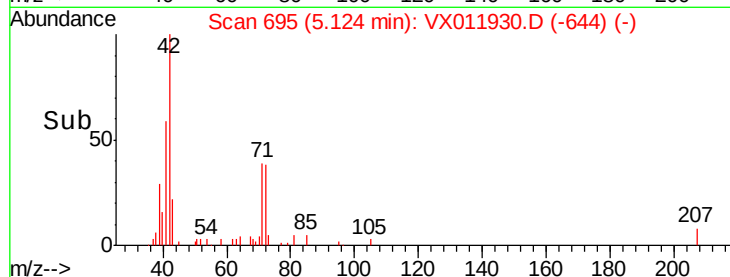
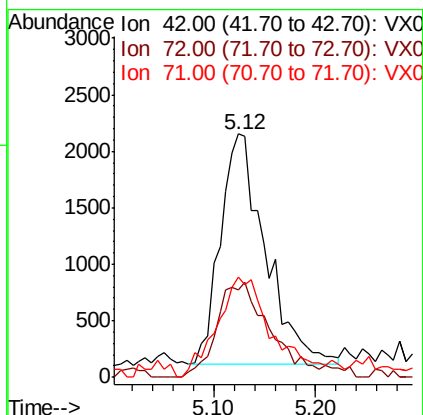
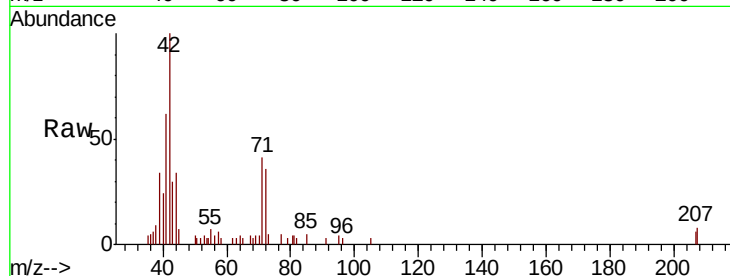




#29
Tetrahydrofuran
Concen: 7.809 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011930.D
Acq: 31 Aug 2019 02:48

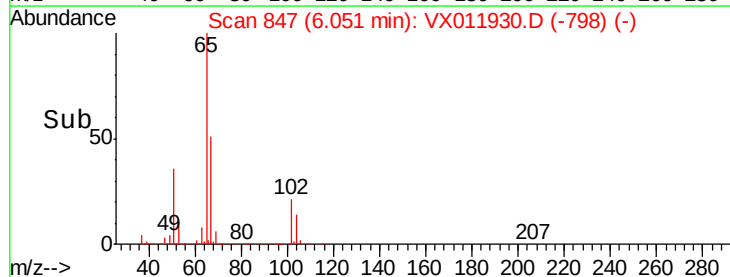
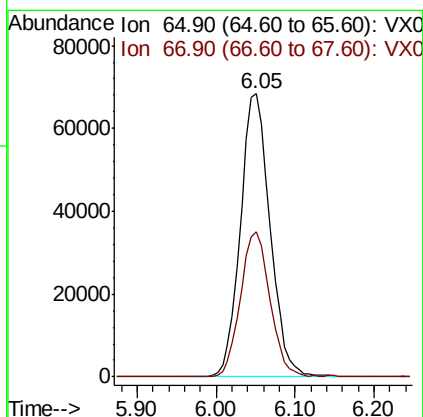
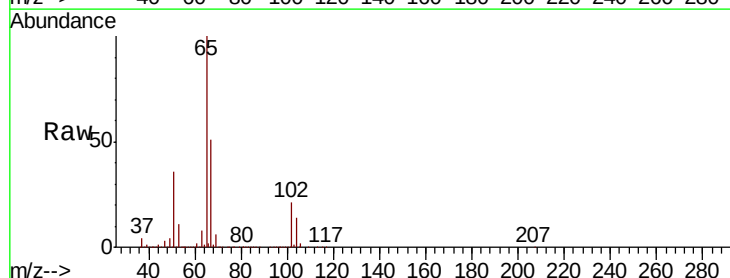
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-H-(0)

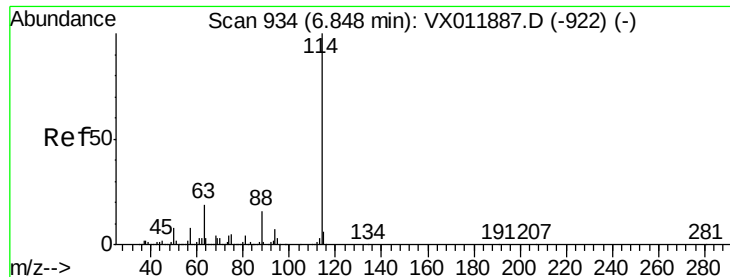
Tot Ion: 42 Resp: 6233
Ion Ratio Lower Upper
42 100
72 48.4 36.2 54.4
71 53.0 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 43.930 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011930.D
Acq: 31 Aug 2019 02:48

Tgt Ion: 65 Resp: 179272
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2

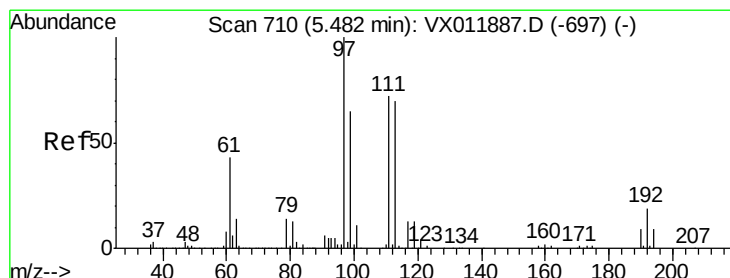
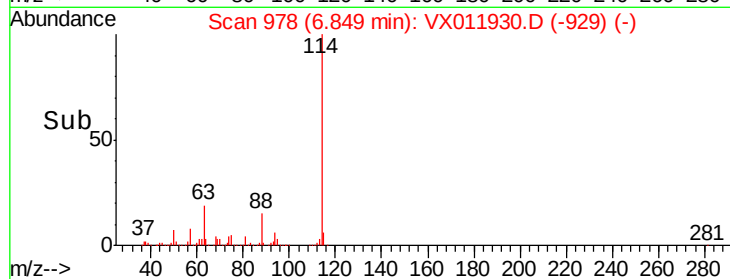
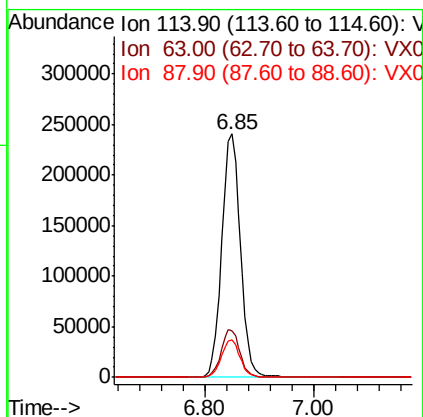
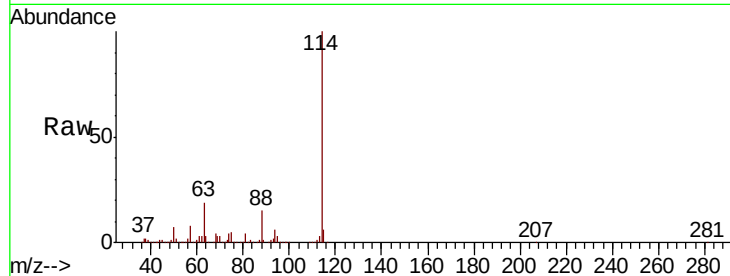




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011930.D
 Acq: 31 Aug 2019 02:48

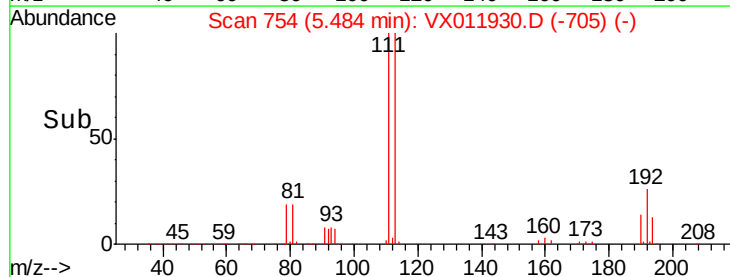
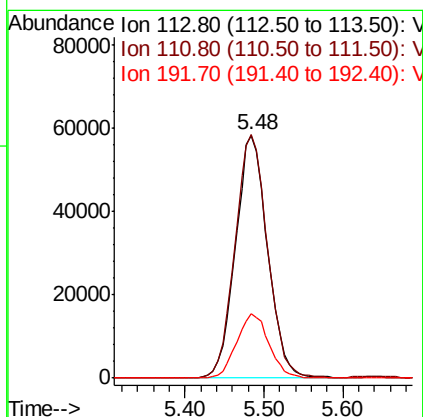
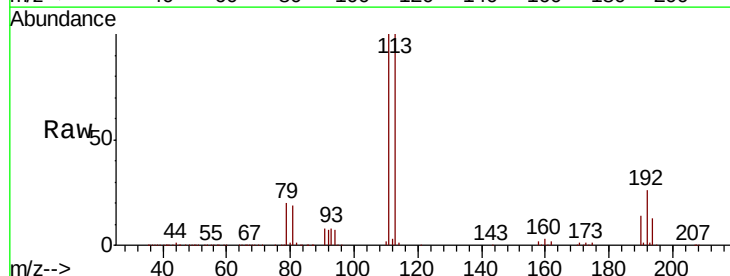
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-H-(0)

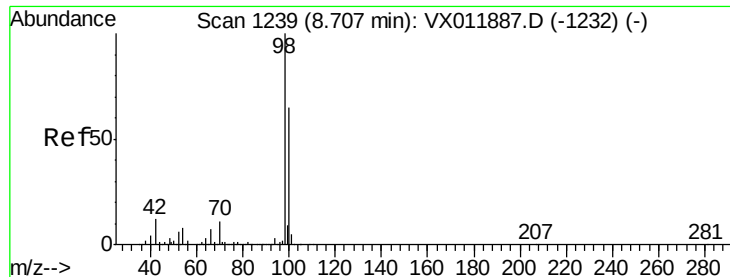
Tot Ion:114 Resp: 573303
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.4 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 44.846 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011930.D
 Acq: 31 Aug 2019 02:48

Tgt Ion:113 Resp: 164865
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.1 123.1
 192 26.9 21.5 32.3

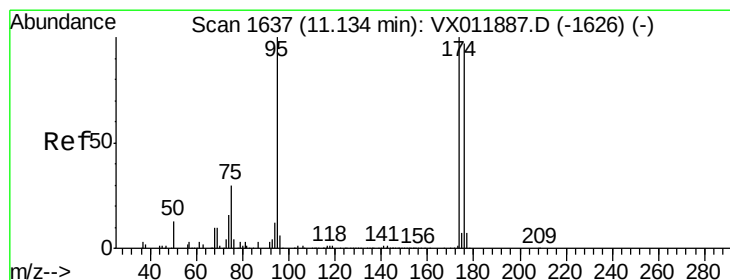
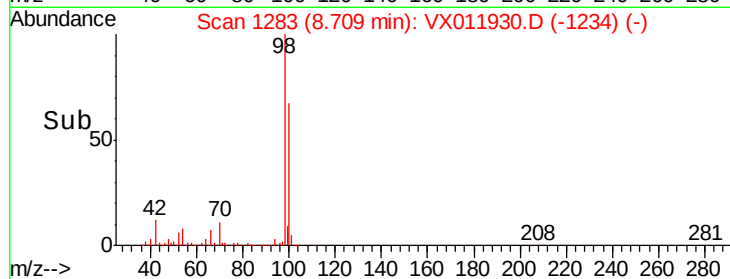
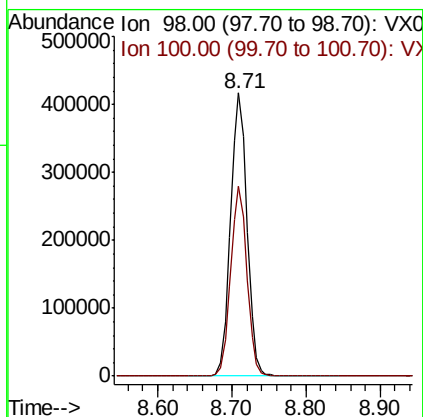
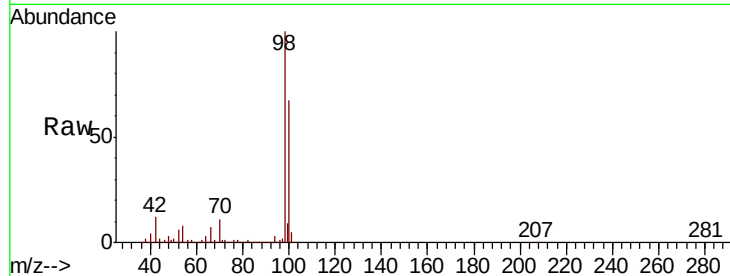




#50
Toluene-d8
Concen: 49.401 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011930.D
Acq: 31 Aug 2019 02:48

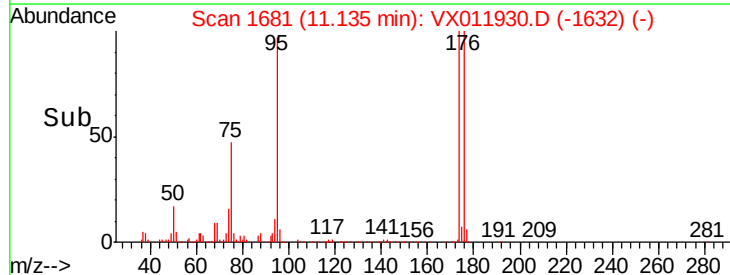
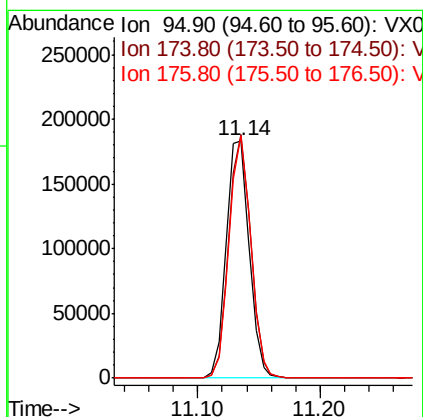
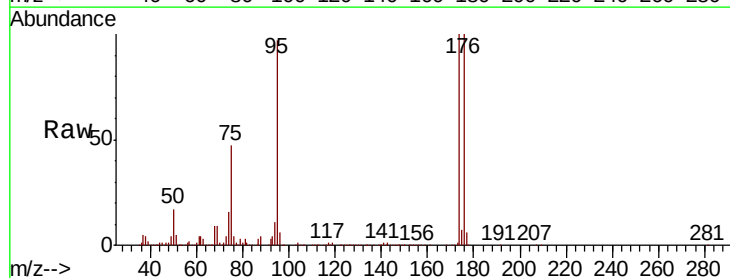
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-H-(0)

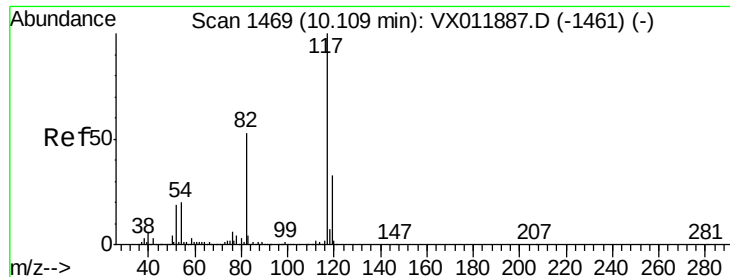
Tot Ion: 98 Resp: 649198
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.317 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011930.D
Acq: 31 Aug 2019 02:48

Tgt Ion: 95 Resp: 238177
Ion Ratio Lower Upper
95 100
174 98.4 0.0 196.0
176 96.6 0.0 191.4

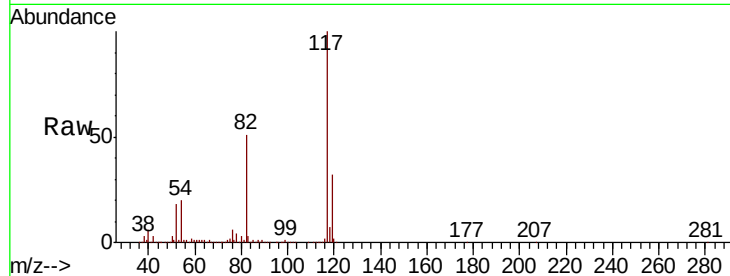




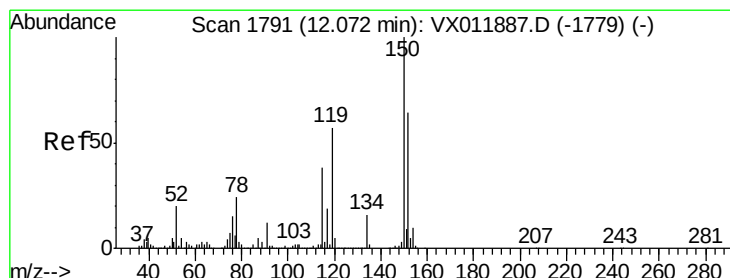
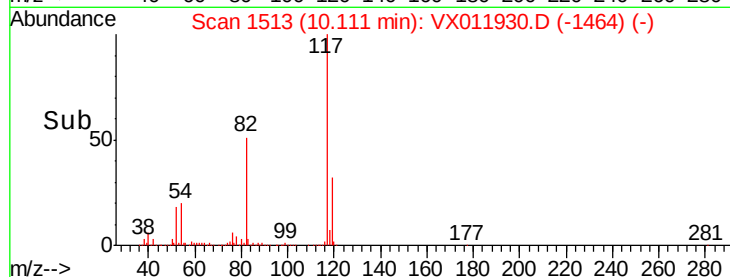
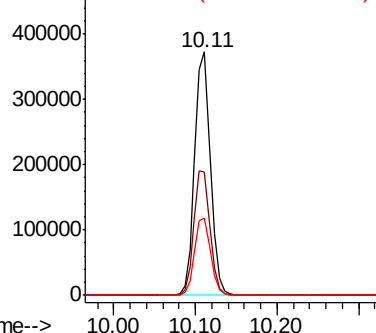
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011930.D
Acq: 31 Aug 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-H-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.0	63.0
119	31.9	26.2	39.4

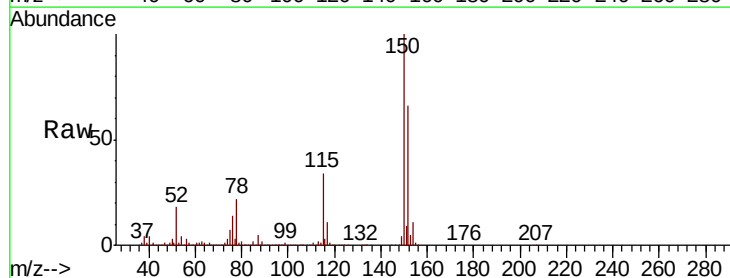


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011930.D
Acq: 31 Aug 2019 02:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.7	37.1	111.3
150	155.2	0.0	339.6



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

