

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012131.D
 Acq On : 06 Sep 2019 06:35
 Operator : SY/SP
 Sample : K4580-06
 Misc : 4.17g/5.0mL/MSVOA X/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-B3-(0)

Quant Time: Sep 06 07:41:25 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

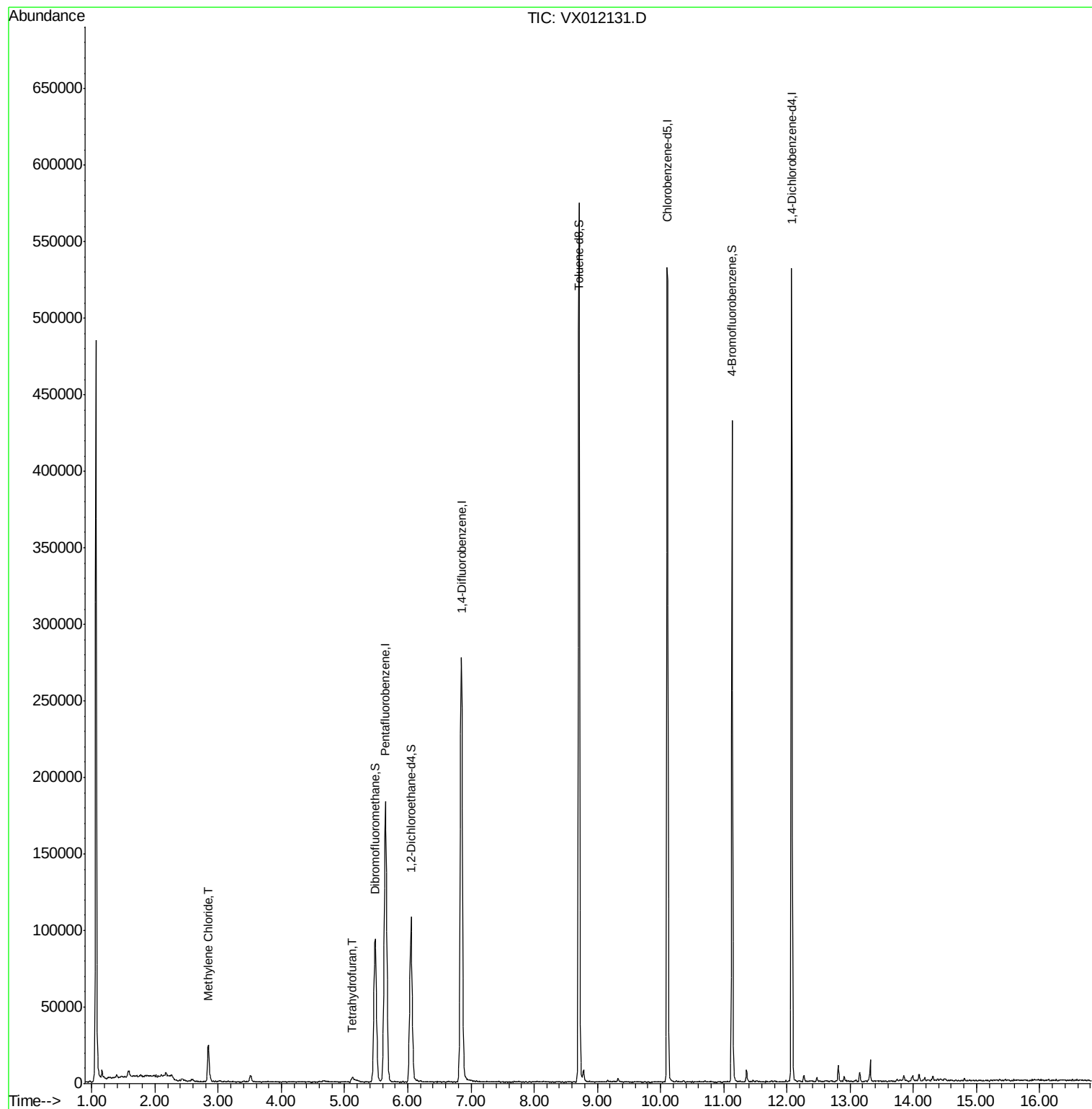
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107919	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	5.48	113	80080	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	315538	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.14	95	123714	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
20) Methylene Chloride	2.84	84	11036	5.410	ug/l	94
29) Tetrahydrofuran	5.13	42	3453	8.863	ug/l	91

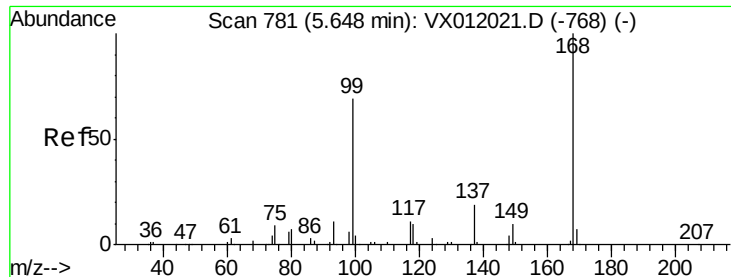
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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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: VX012131.D

Acq: 06 Sep 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

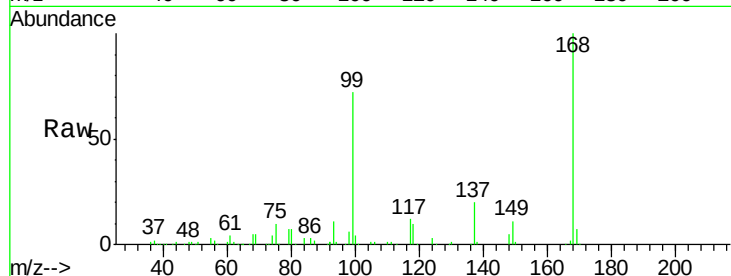
T12-B3-(0)

Tot Ion:168 Resp: 154031

Ion Ratio Lower Upper

168 100

99 72.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

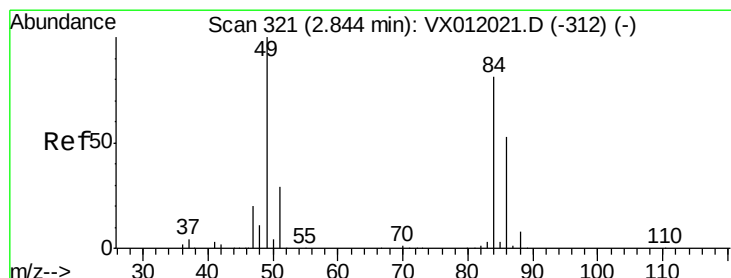
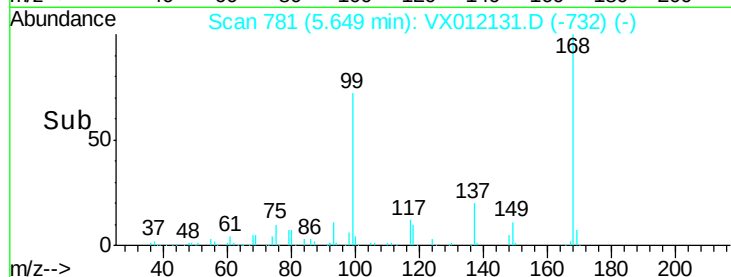
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 5.410 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012131.D

Acq: 06 Sep 2019 06:35

Tgt Ion: 84 Resp: 11036

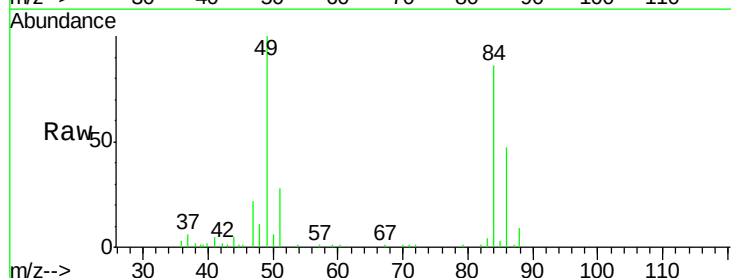
Ion Ratio Lower Upper

84 100

49 116.4 95.8 143.8

51 32.9 28.6 43.0

86 54.8 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

10000

8000

6000

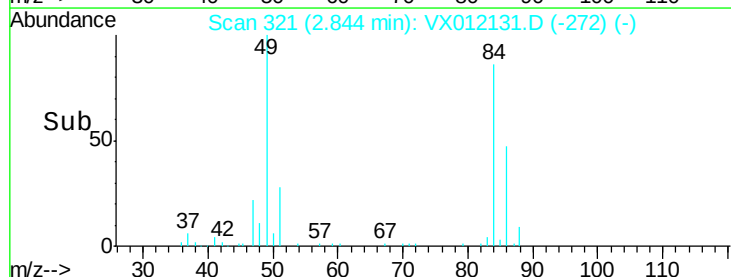
4000

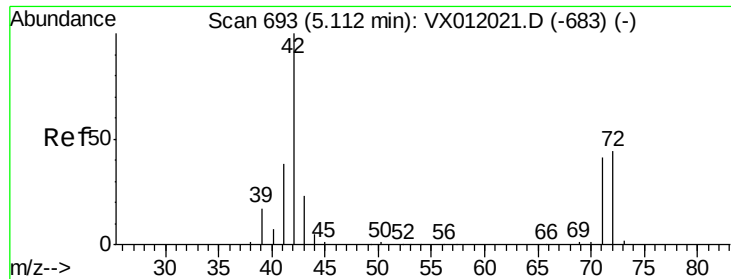
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95

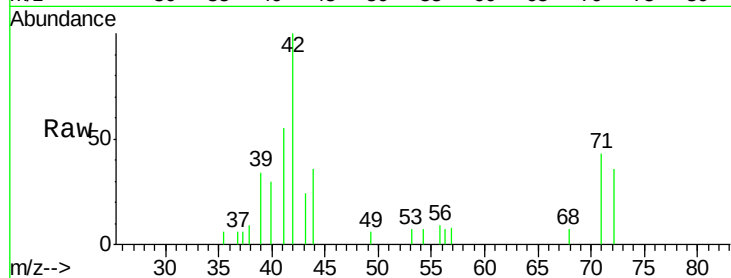




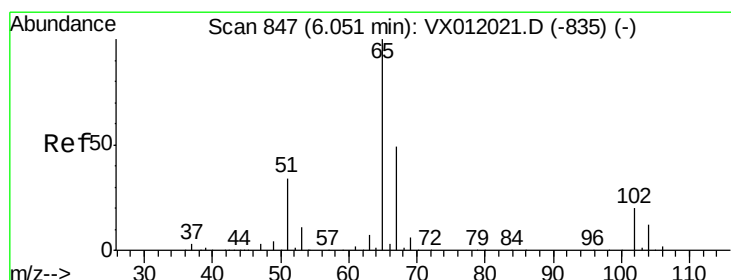
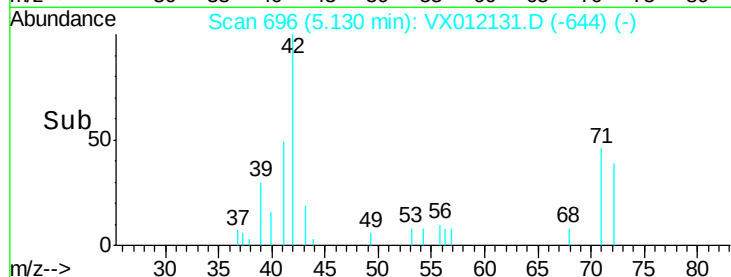
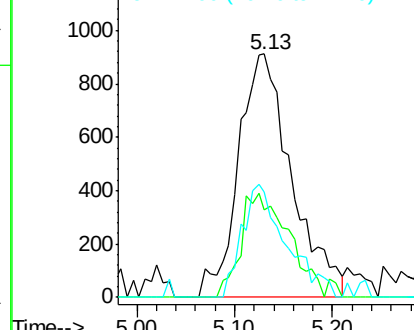
#29
Tetrahydrofuran
Concen: 8.863 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012131.D
Acq: 06 Sep 2019 06:35

Instrument :
MSVOA_X
ClientSampleId :
T12-B3-(0)

Tot Ion: 42 Resp: 3453
Ion Ratio Lower Upper
42 100
72 38.4 37.0 55.4
71 38.5 33.8 50.8

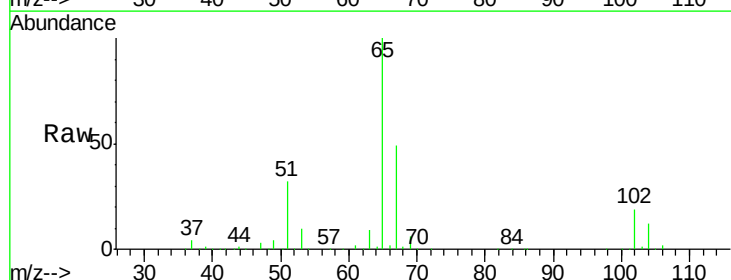


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

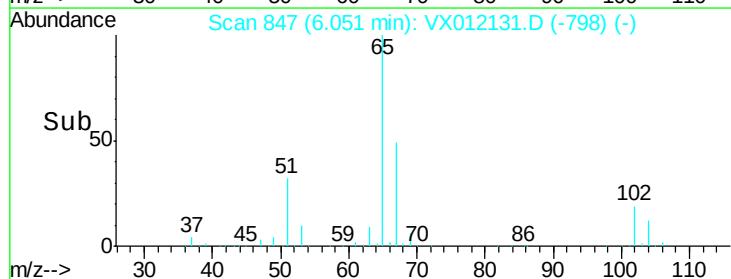
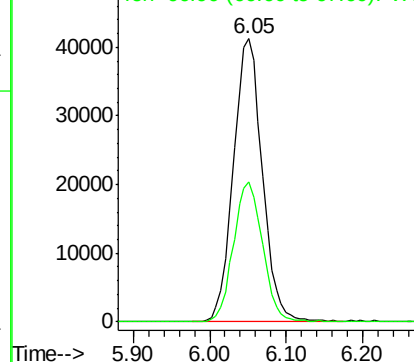


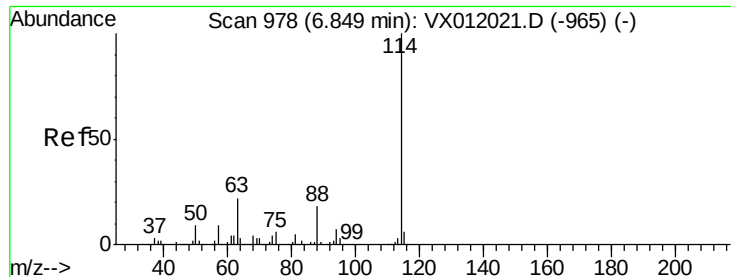
#33
1,2-Dichloroethane-d4
Concen: 50.778 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012131.D
Acq: 06 Sep 2019 06:35

Tgt Ion: 65 Resp: 107919
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012131.D

Acq: 06 Sep 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

T12-B3-(0)

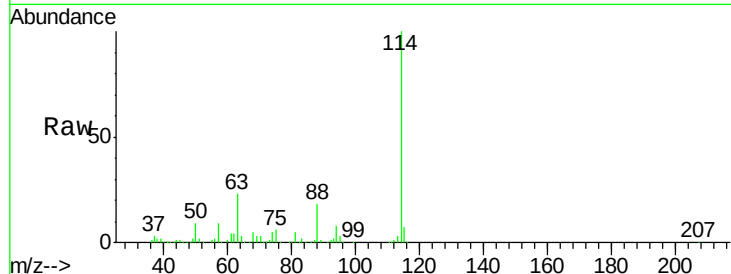
Tot Ion:114 Resp: 266458

Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.4

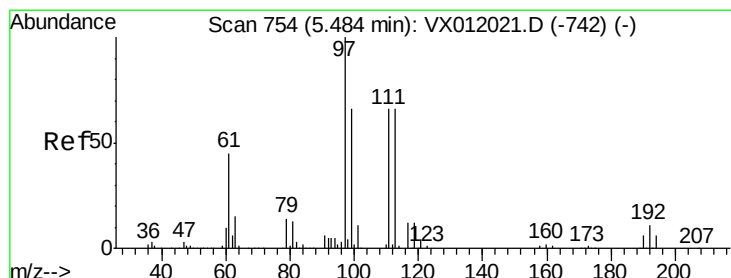
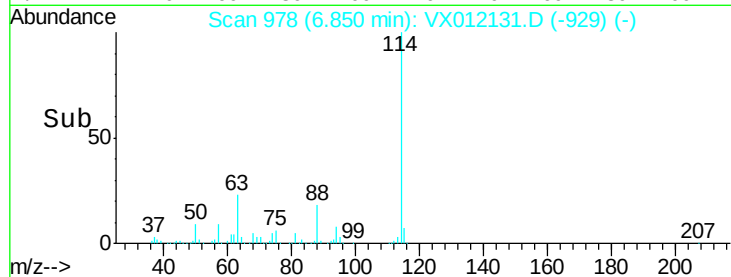
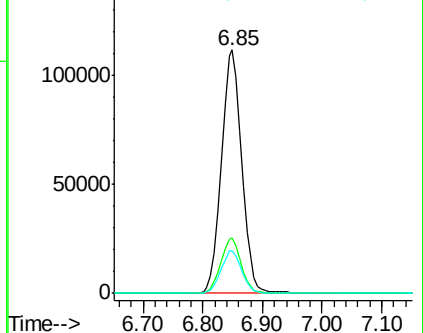
88 17.7 0.0 29.6



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: 48.870 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012131.D

Acq: 06 Sep 2019 06:35

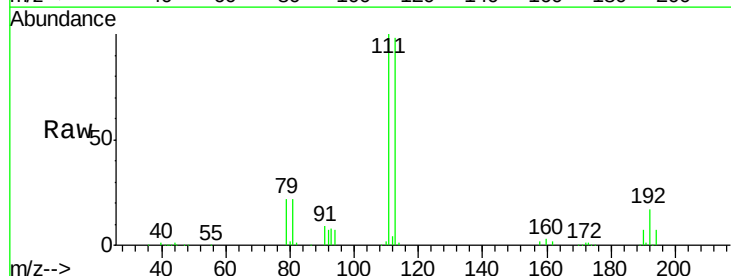
Tgt Ion:113 Resp: 80080

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

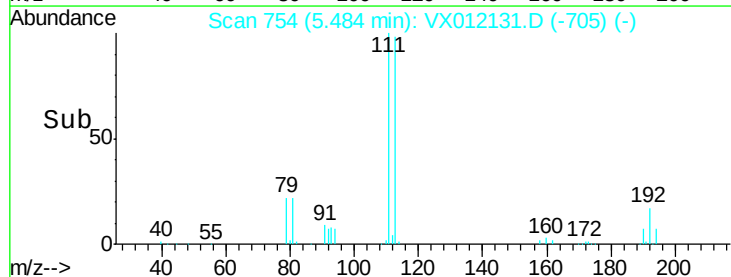
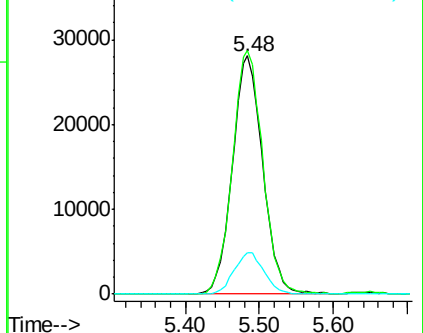
192 17.2 22.5 33.7#

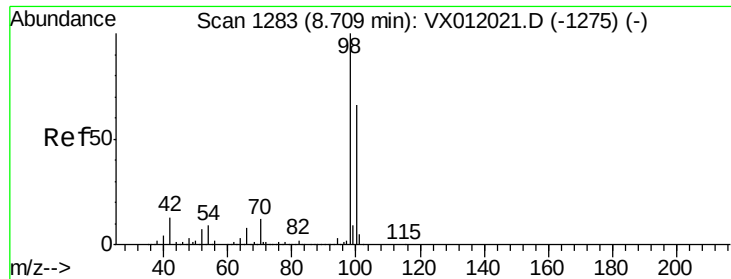


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

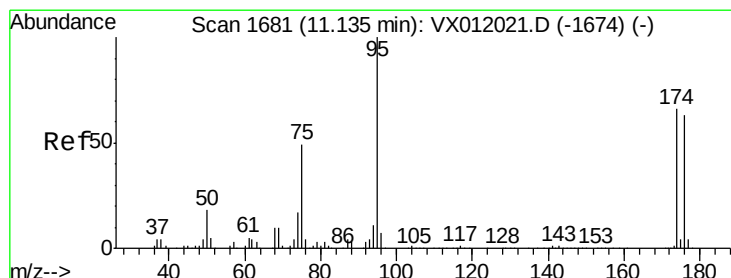
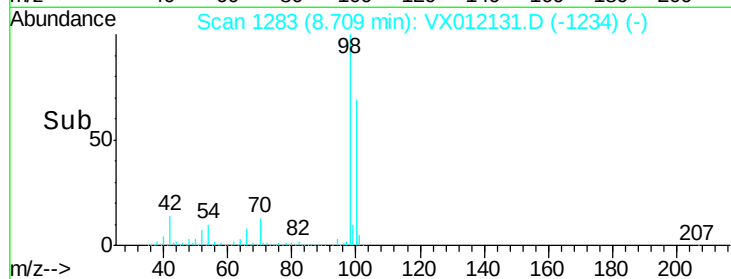
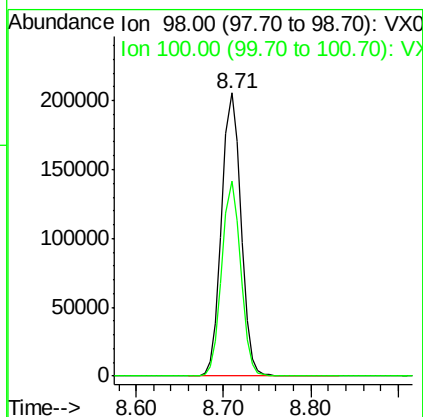
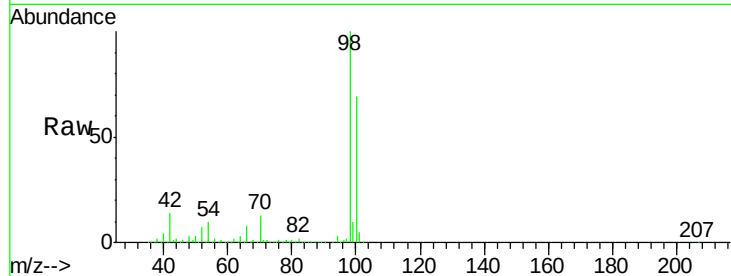




#50
Toluene-d8
Concen: 52.475 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012131.D
Acq: 06 Sep 2019 06:35

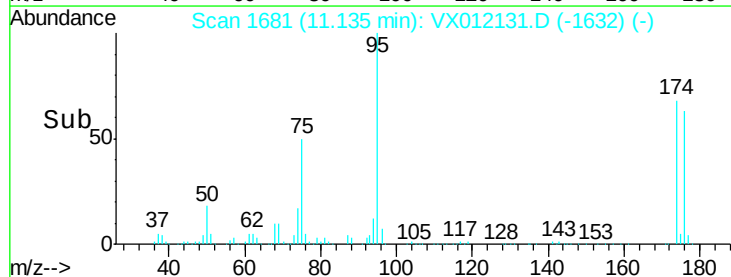
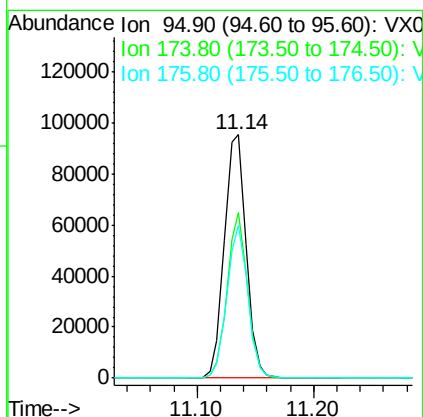
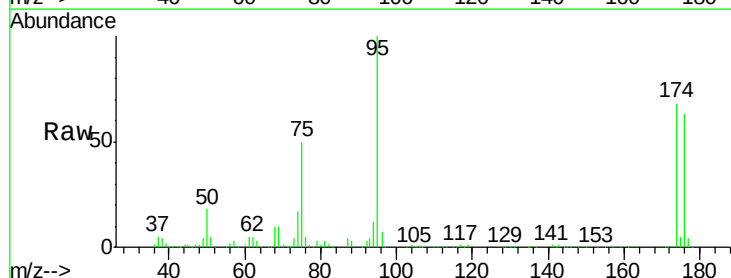
Instrument :
MSVOA_X
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T12-B3-(0)

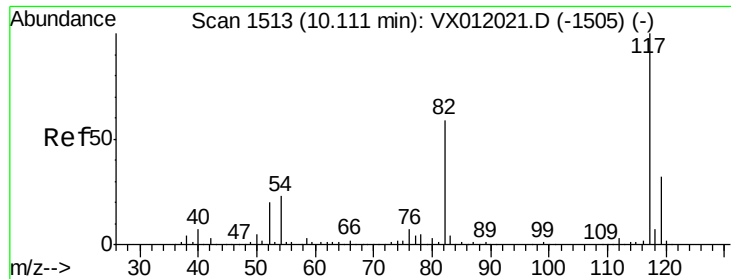
Tot Ion: 98 Resp: 31538
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012131.D
Acq: 06 Sep 2019 06:35

Tgt Ion: 95 Resp: 123714
Ion Ratio Lower Upper
95 100
174 63.7 0.0 205.4
176 60.3 0.0 201.8

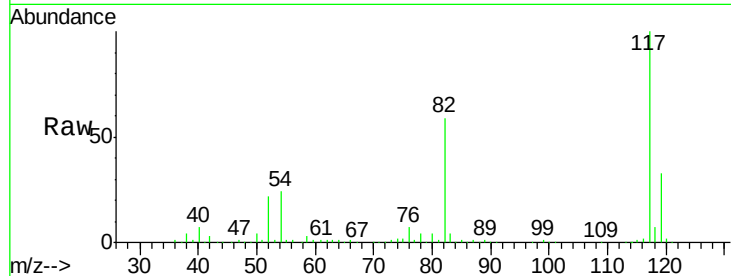




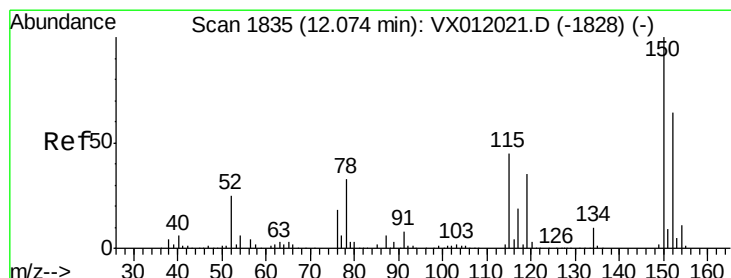
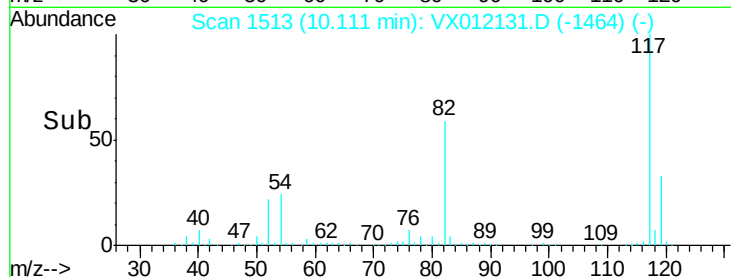
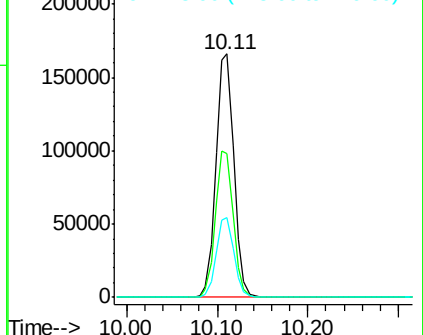
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012131.D
Acq: 06 Sep 2019 06:35

Instrument :
MSVOA_X
ClientSampleId :
T12-B3-(0)

Tot Ion:117 Resp: 231125
Ion Ratio Lower Upper
117 100
82 58.9 39.4 59.0
119 32.6 26.1 39.1

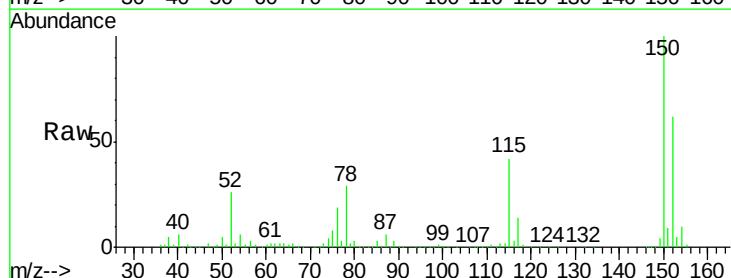


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012131.D
Acq: 06 Sep 2019 06:35

Tgt Ion:152 Resp: 96108
Ion Ratio Lower Upper
152 100
115 67.1 36.4 109.3
150 158.7 0.0 341.2



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

