

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012035.D
 Acq On : 03 Sep 2019 21:18
 Operator : SY/SP
 Sample : K4546-04
 Misc : 5.35g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C2-(2.5)

Quant Time: Sep 04 04:54:53 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	78901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	134711	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	112834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	44375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	48438	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
35) Dibromofluoromethane	5.48	113	38934	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	157175	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.14	95	58576	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	

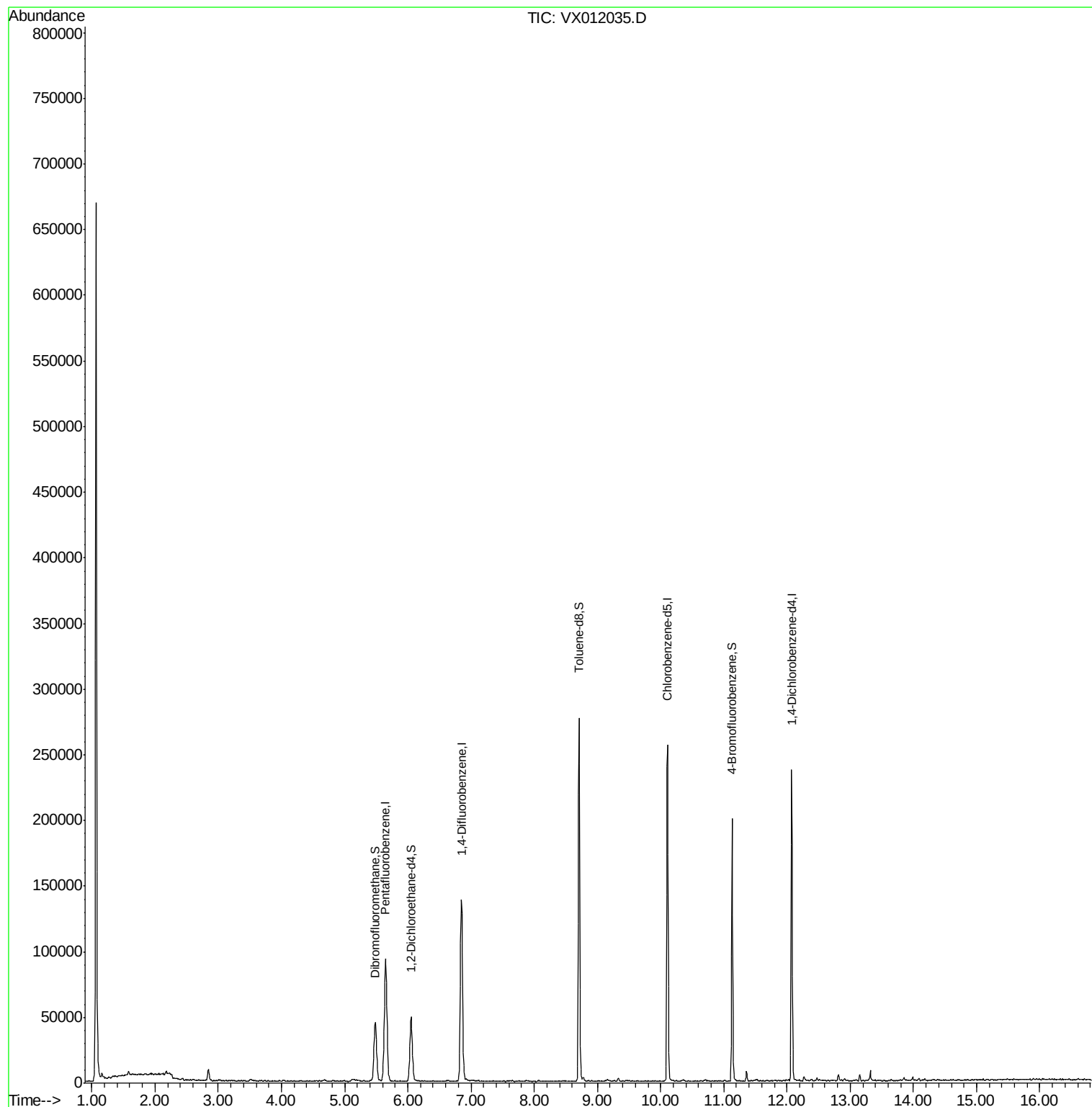
Target Compounds	Qvalue
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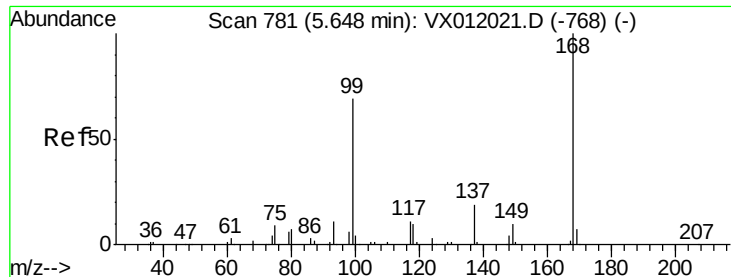
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX012035.D

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Instrument :

MSVOA_X

ClientSampleId :

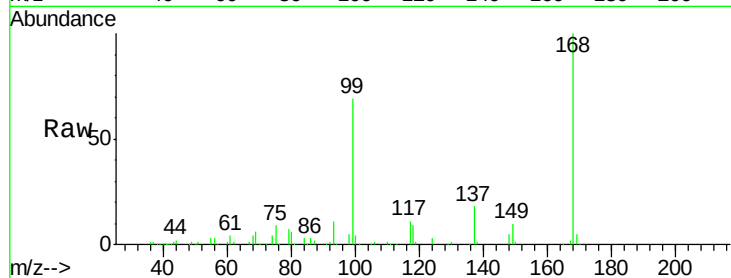
T3-S-C2-(2.5)

Tot Ion:168 Resp: 78901

Ion Ratio Lower Upper

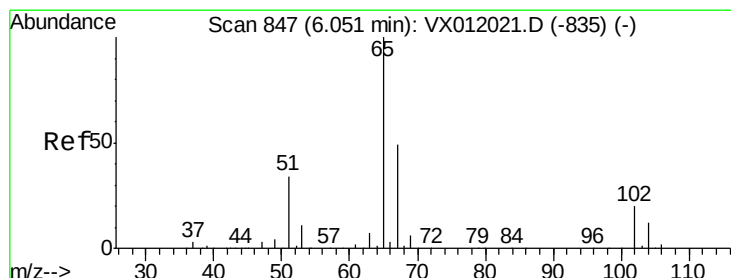
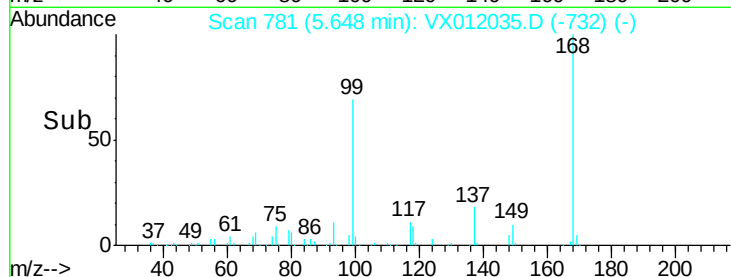
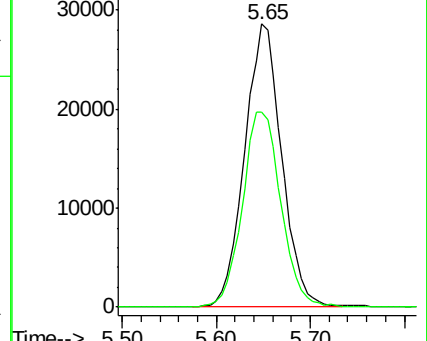
168 100

99 68.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.493 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012035.D

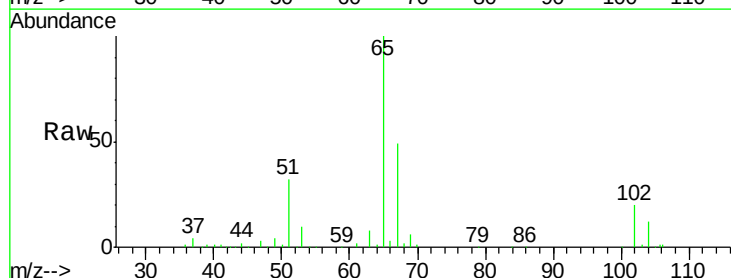
Acq: 03 Sep 2019 21:18

Tgt Ion: 65 Resp: 48438

Ion Ratio Lower Upper

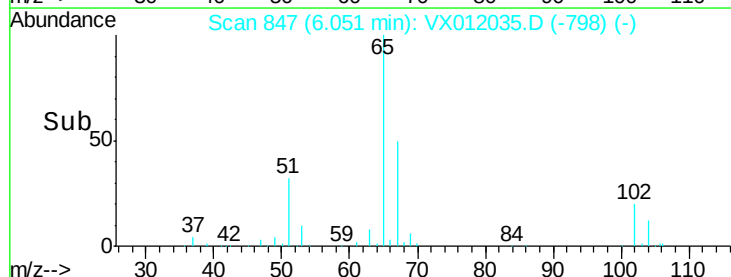
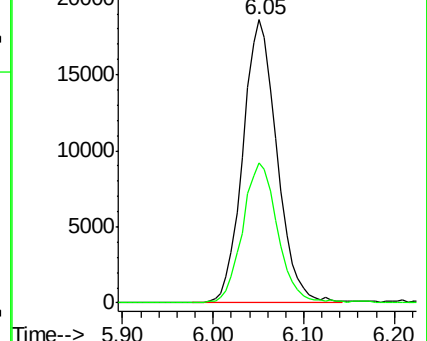
65 100

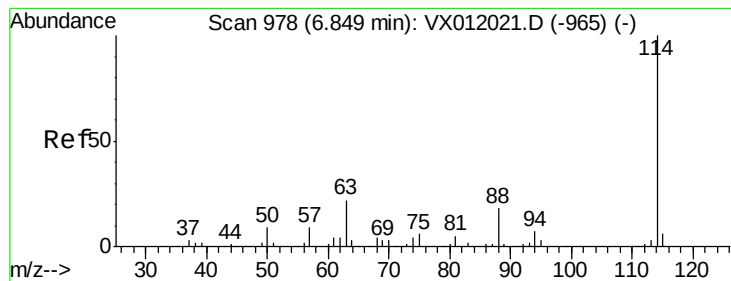
67 50.7 0.0 102.0



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: VX012035.D

Acq: 03 Sep 2019 21:18

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C2-(2.5)

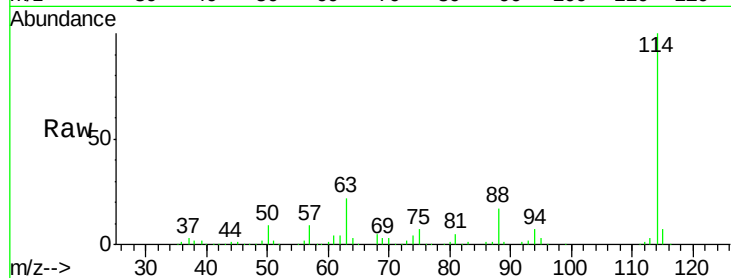
Tot Ion:114 Resp: 134711

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

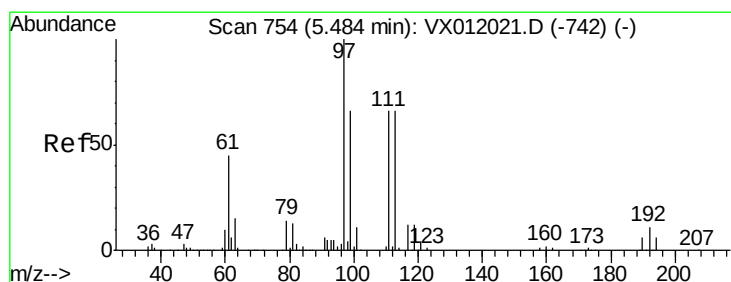
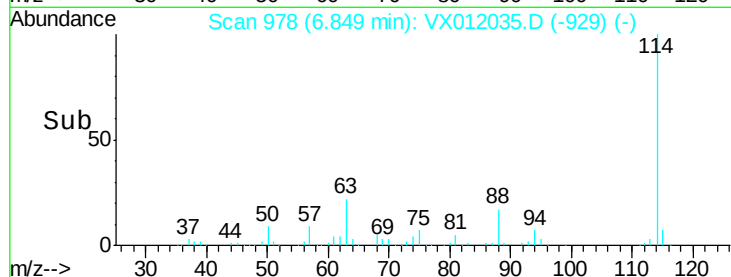
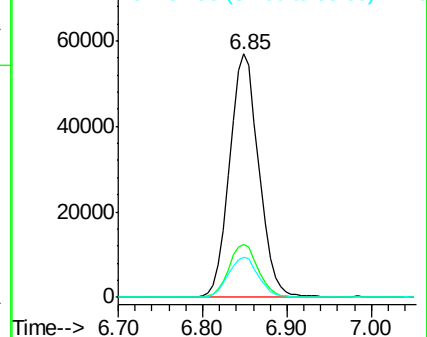
88 16.6 0.0 29.6



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: 46.997 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012035.D

Acq: 03 Sep 2019 21:18

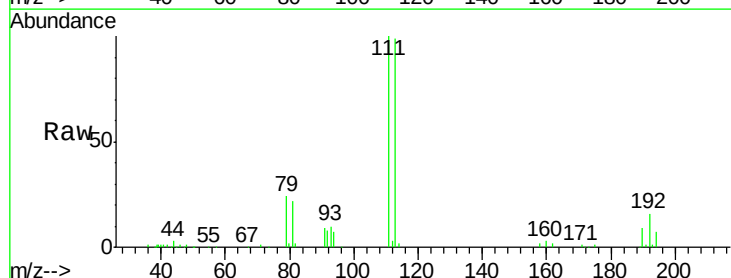
Tgt Ion:113 Resp: 38934

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

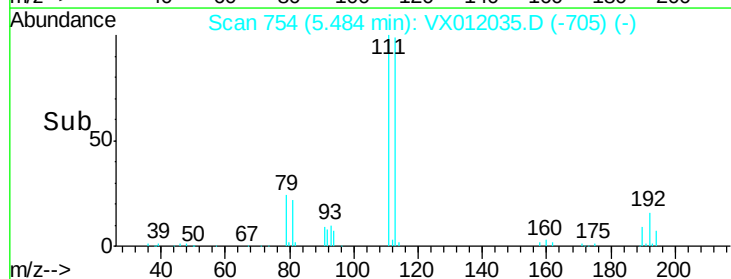
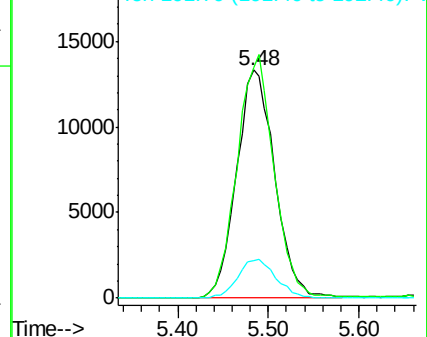
192 16.9 22.5 33.7#

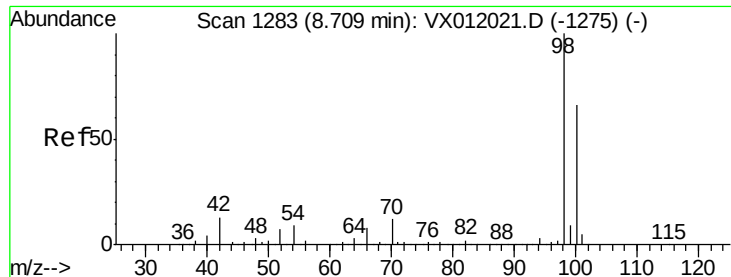


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

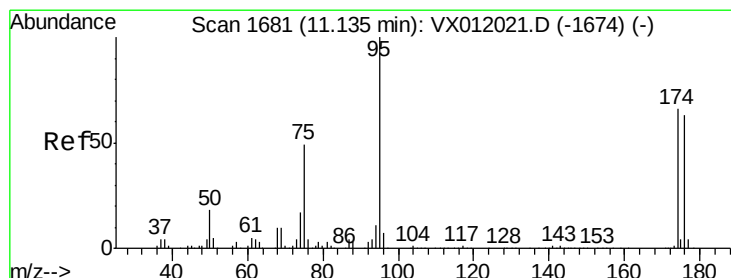
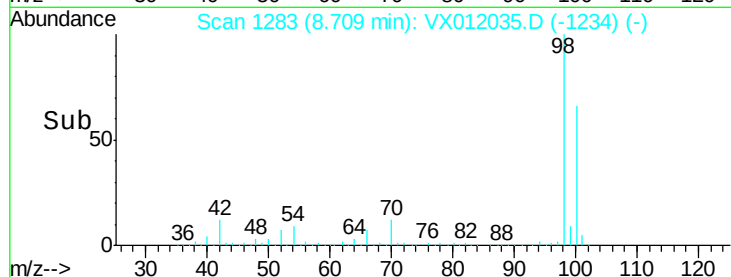
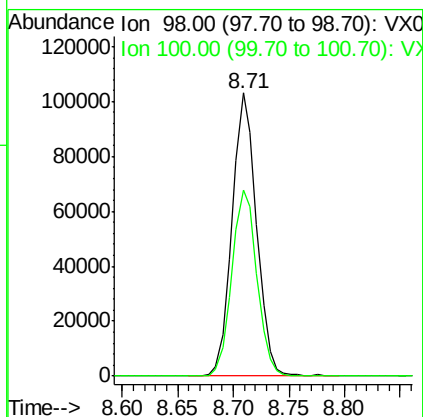
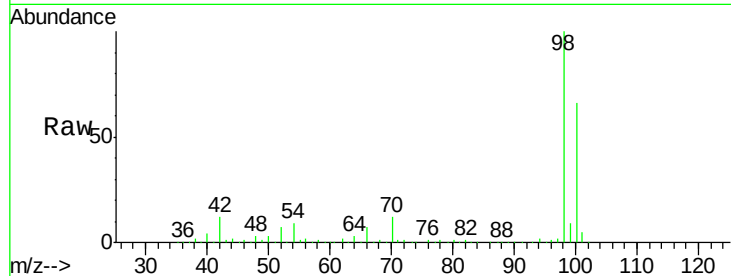




#50
Toluene-d8
Concen: 51.703 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012035.D
Acq: 03 Sep 2019 21:18

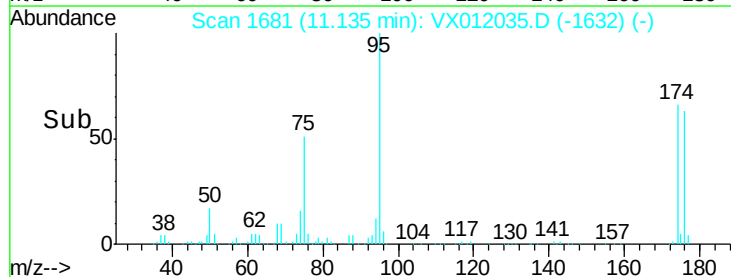
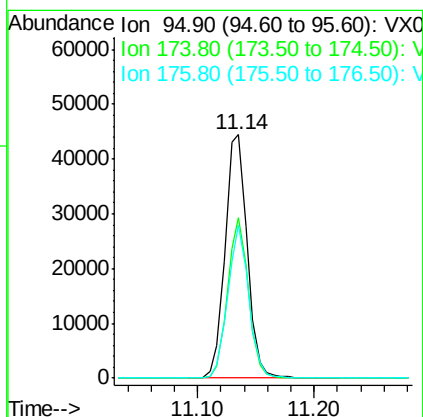
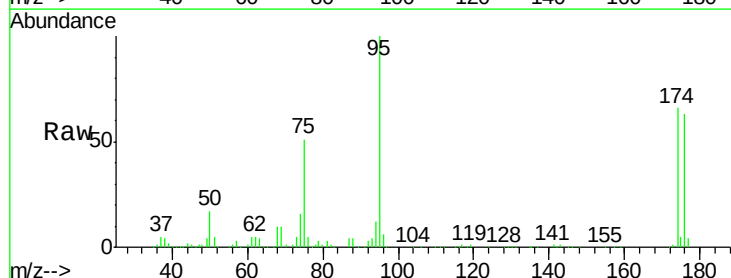
Instrument :
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T3-S-C2-(2.5)

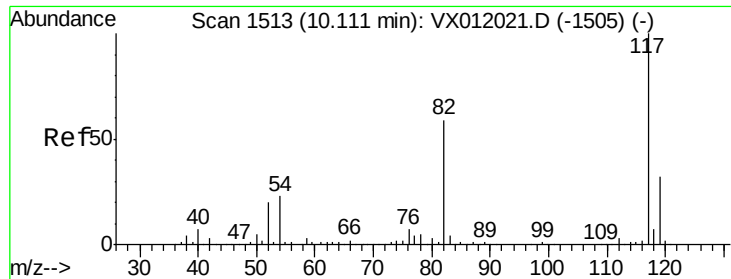
Tot Ion: 98 Resp: 157175
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.433 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012035.D
Acq: 03 Sep 2019 21:18

Tgt Ion: 95 Resp: 58576
Ion Ratio Lower Upper
95 100
174 62.0 0.0 205.4
176 59.3 0.0 201.8

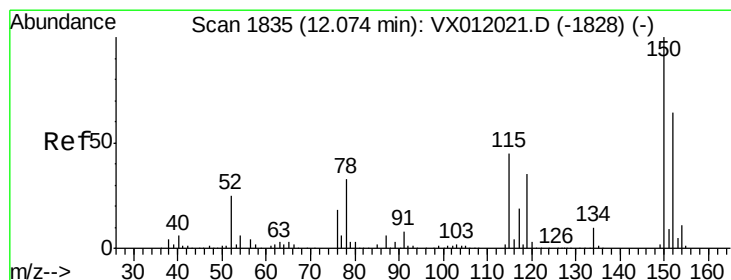
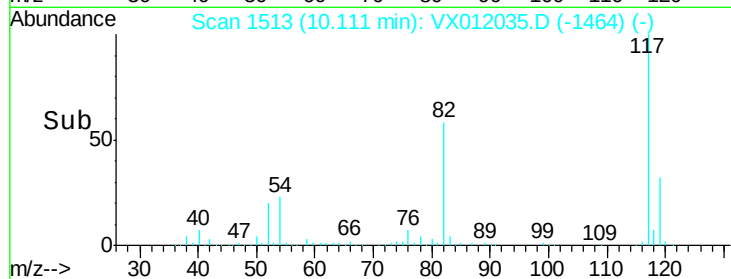
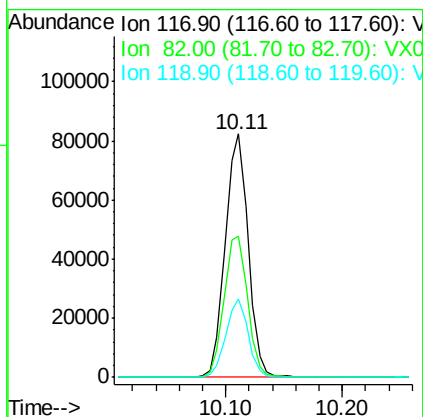
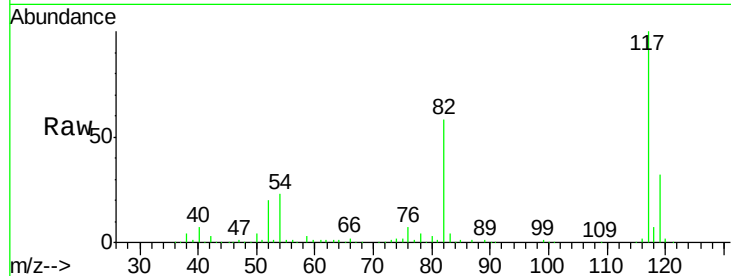




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012035.D
Acq: 03 Sep 2019 21:18

Instrument :
MSVOA_X
ClientSampled :
T3-S-C2-(2.5)

Tot Ion:117 Resp: 112834
Ion Ratio Lower Upper
117 100
82 58.2 39.4 59.0
119 32.0 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: VX012035.D
Acq: 03 Sep 2019 21:18

Tgt Ion:152 Resp: 44375
Ion Ratio Lower Upper
152 100
115 66.3 36.4 109.3
150 154.4 0.0 341.2

