

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034087.D
 Acq On : 30 Aug 2019 10:52
 Operator : JC/SP
 Sample : K4555-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-4

Quant Time: Aug 31 03:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	452570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	730300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	709338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	348098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	290867	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	4.86	113	244073	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	7.55	98	933570	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	10.29	95	324797	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

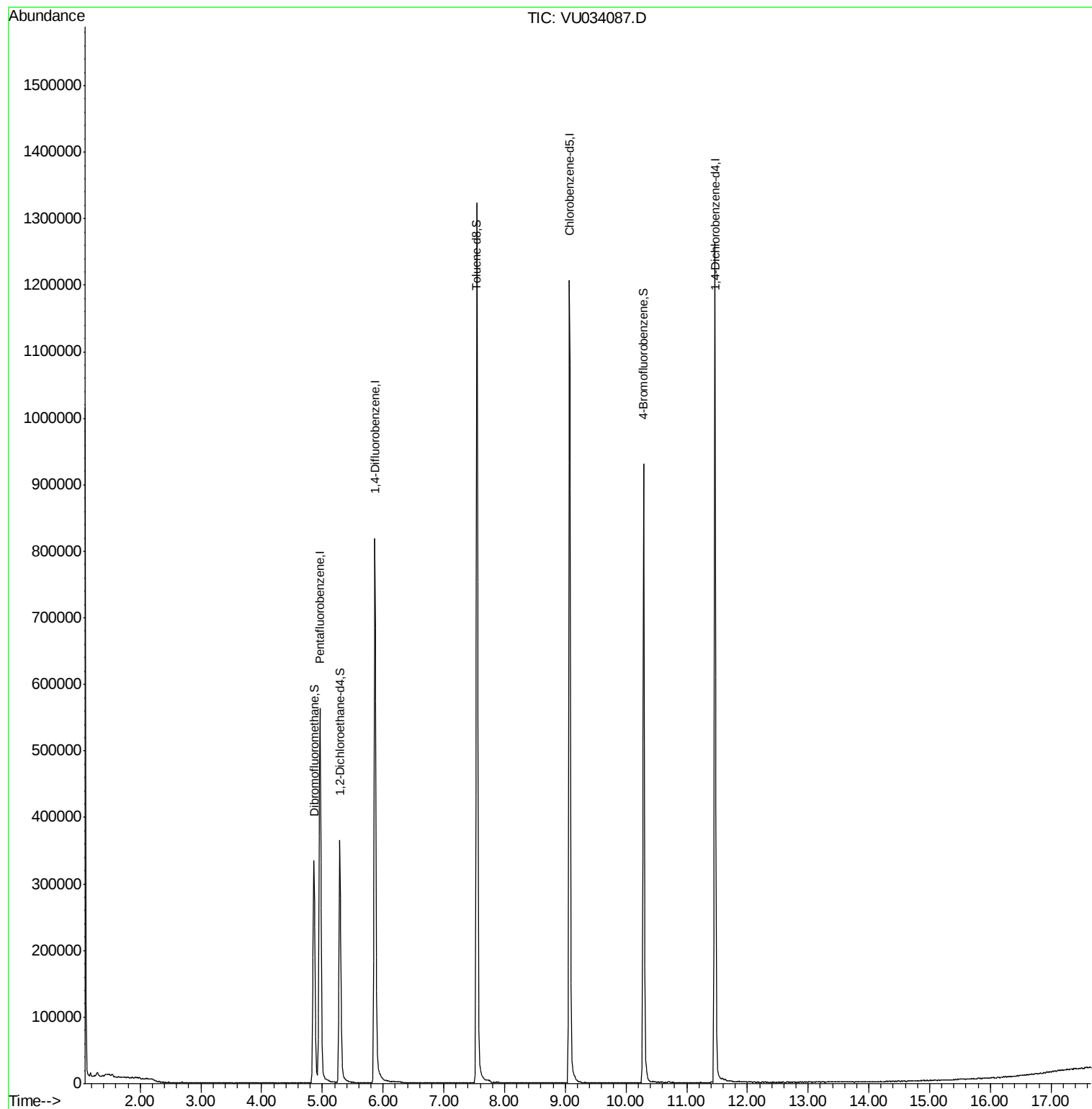
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034087.D

Acq: 30 Aug 2019 10:52

Instrument :

MSVOA_U

ClientSampleId :

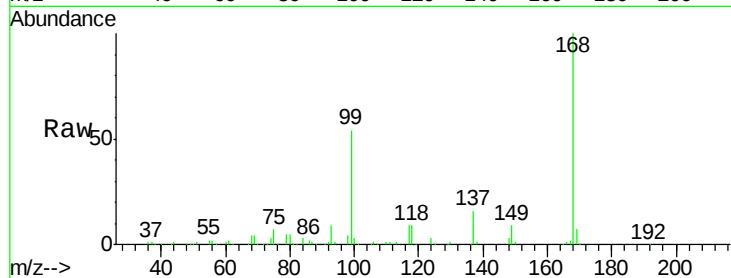
TB-4

Tot Ion:168 Resp: 452570

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034087.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034087.D (-1110) (-)

4.96

200000

150000

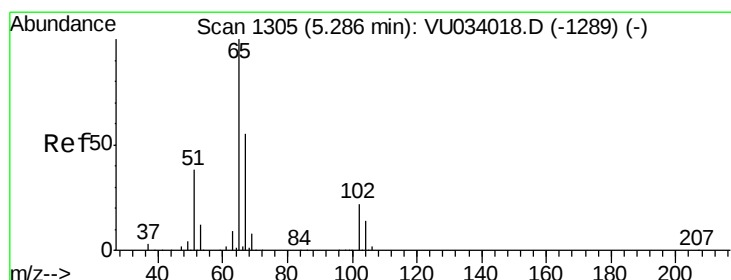
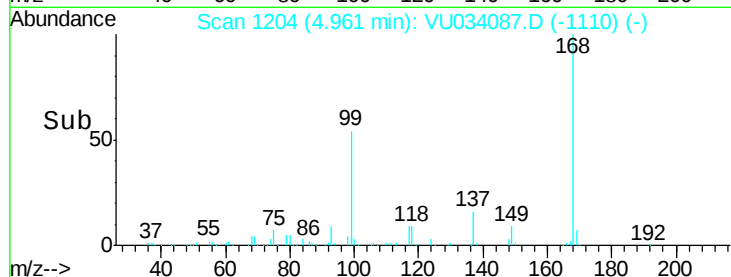
100000

50000

0

4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.158 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034087.D

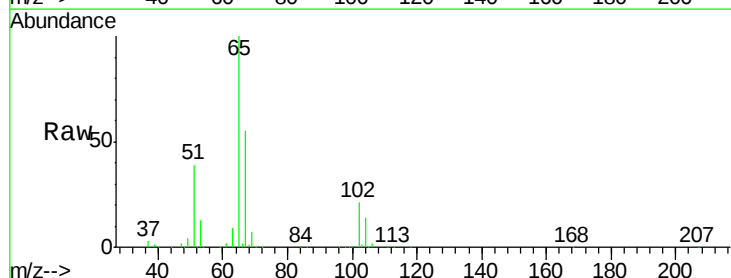
Acq: 30 Aug 2019 10:52

Tgt Ion: 65 Resp: 290867

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034087.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034087.D (-1212) (-)

5.29

150000

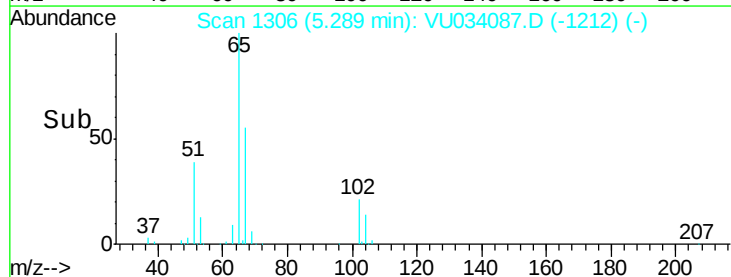
100000

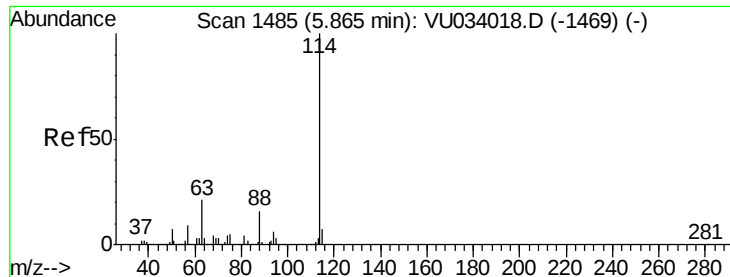
50000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034087.D

Acq: 30 Aug 2019 10:52

Instrument :

MSVOA_U

ClientSampleId :

TB-4

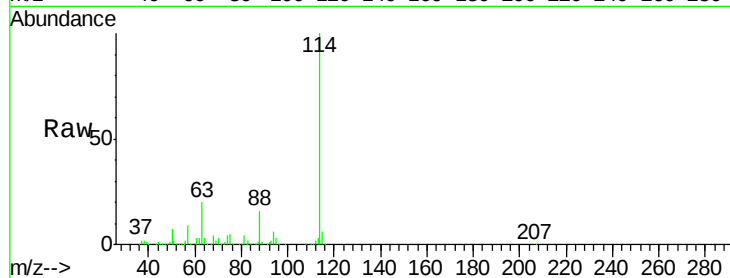
Tot Ion:114 Resp: 730300

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

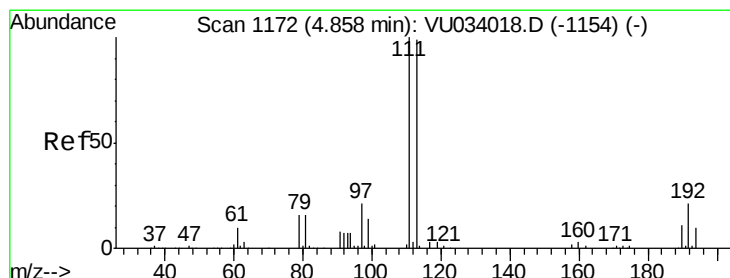
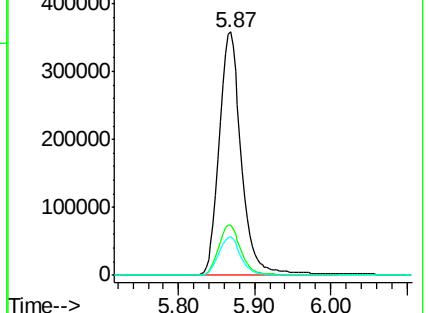
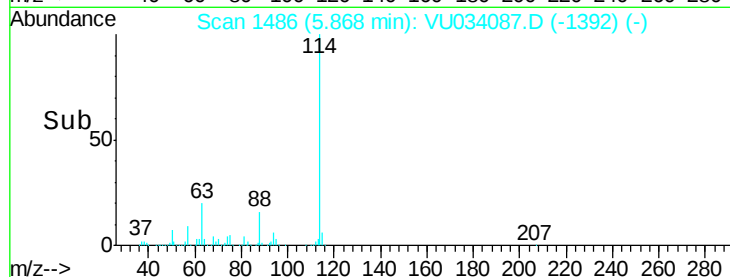
88 15.8 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 48.185 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034087.D

Acq: 30 Aug 2019 10:52

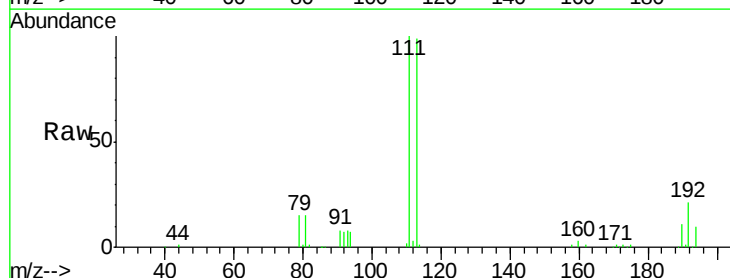
Tgt Ion:113 Resp: 244073

Ion Ratio Lower Upper

113 100

111 101.7 81.7 122.5

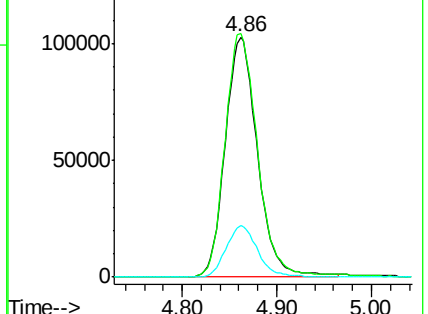
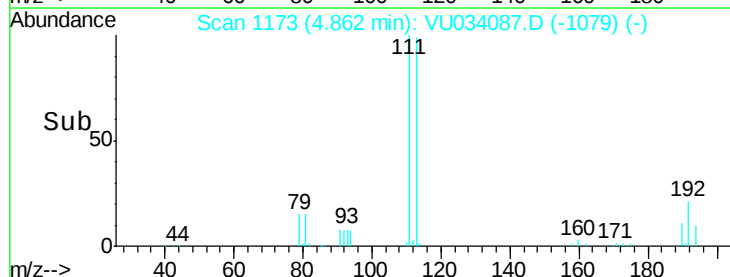
192 21.1 17.1 25.7

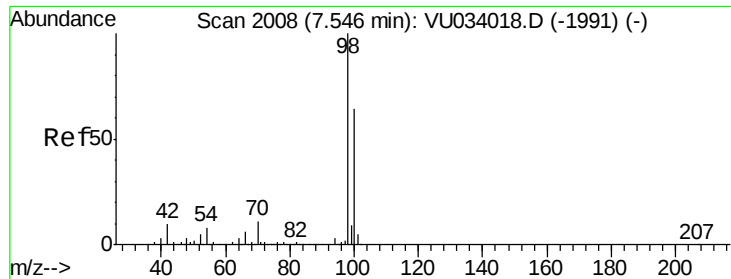


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

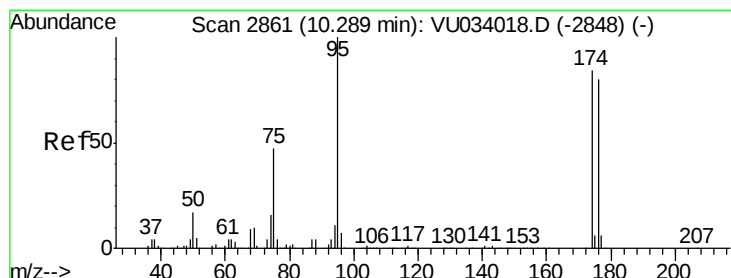
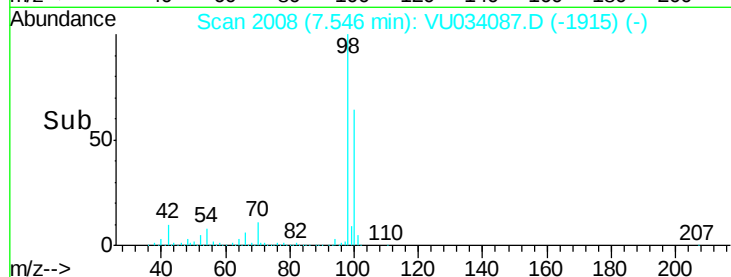
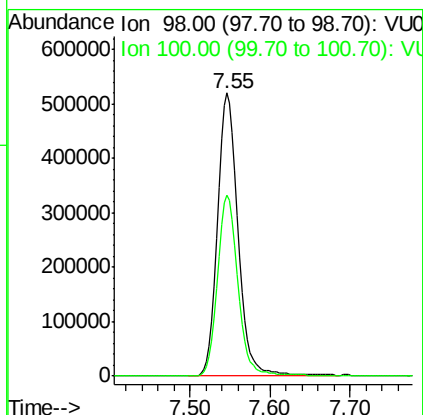
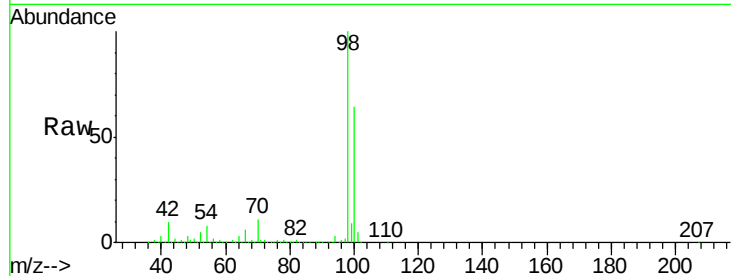




#50
Toluene-d8
Concen: 49.222 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034087.D
Acq: 30 Aug 2019 10:52

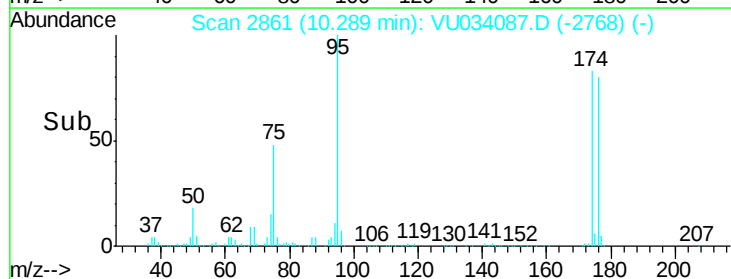
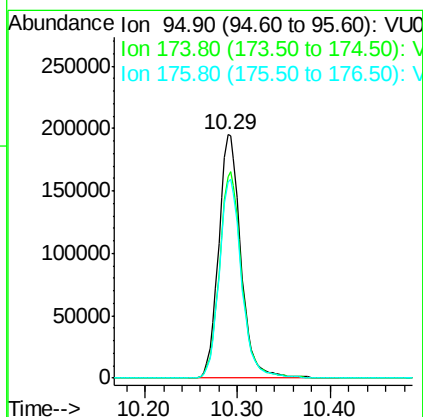
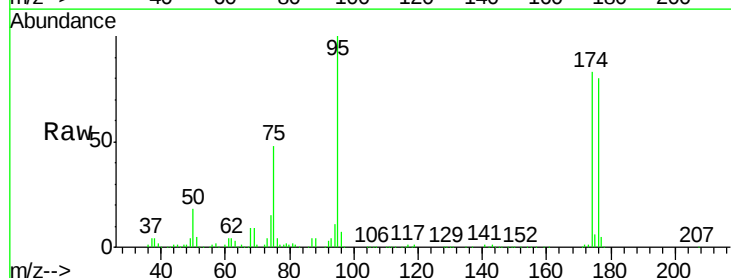
Instrument :
MSVOA_U
ClientSampled :
TB-4

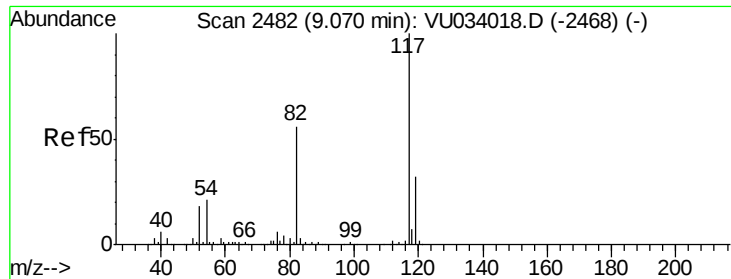
Tot Ion: 98 Resp: 933570
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.024 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034087.D
Acq: 30 Aug 2019 10:52

Tgt Ion: 95 Resp: 324797
Ion Ratio Lower Upper
95 100
174 84.8 0.0 168.8
176 81.5 0.0 161.8

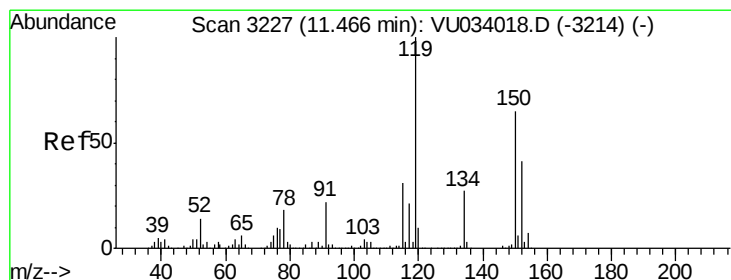
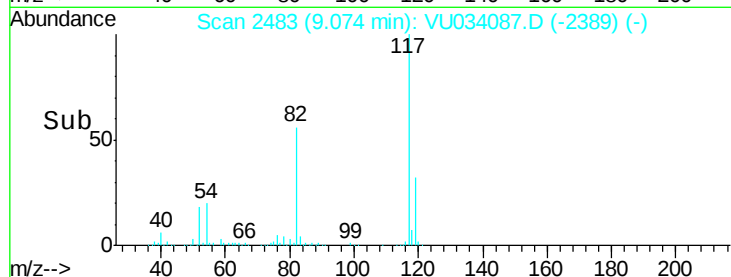
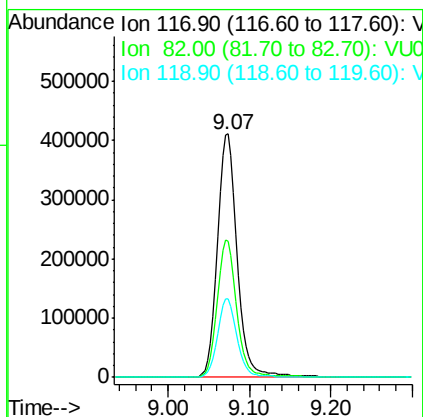
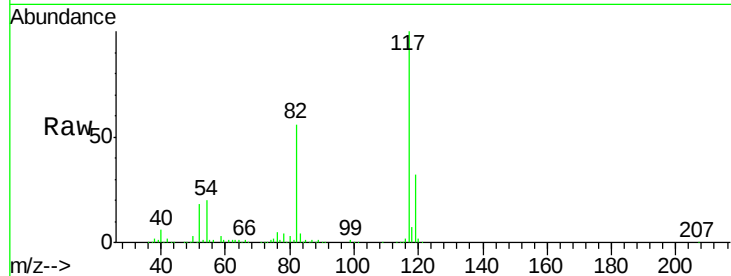




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2483
Delta R.T. 0.00 min
Lab File: VU034087.D
Acq: 30 Aug 2019 10:52

Instrument :
MSVOA_U
ClientSampled :
TB-4

Tot Ion:117 Resp: 709338
Ion Ratio Lower Upper
117 100
82 56.0 45.1 67.7
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034087.D
Acq: 30 Aug 2019 10:52

Tgt Ion:152 Resp: 348098
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 158.0 0.0 348.8

