

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033963.D
 Acq On : 26 Aug 2019 21:47
 Operator : JC/SP
 Sample : K4514-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-03-082319

Quant Time: Aug 27 12:21:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 06:58:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	428001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	694795	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	648314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	280433	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.28	65	309721	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	4.86	113	235837	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	7.54	98	898306	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	10.29	95	286250	41.54	ug/l	0.00
Spiked Amount			Recovery	=	83.08%	

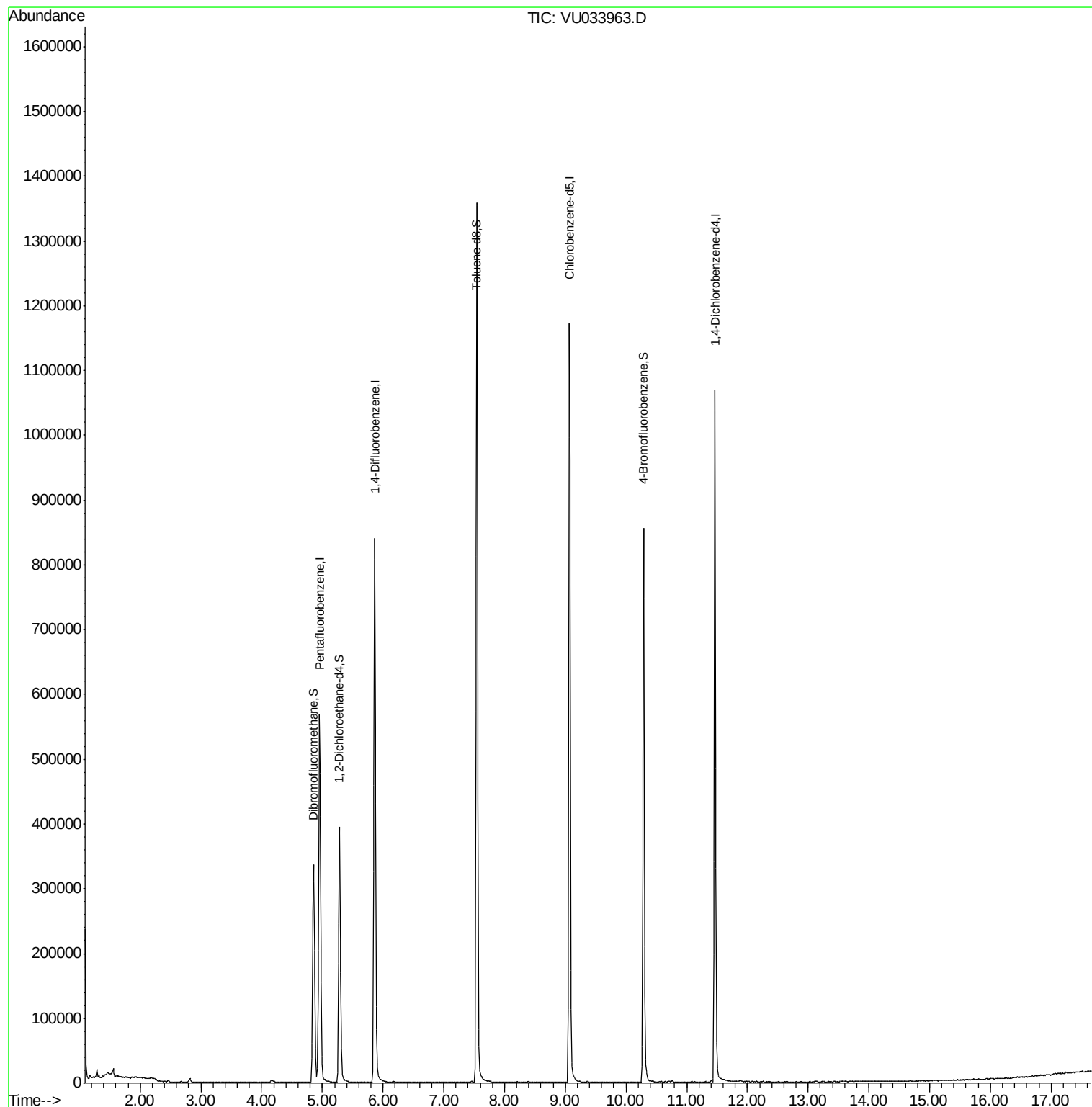
Target Compounds	Qvalue
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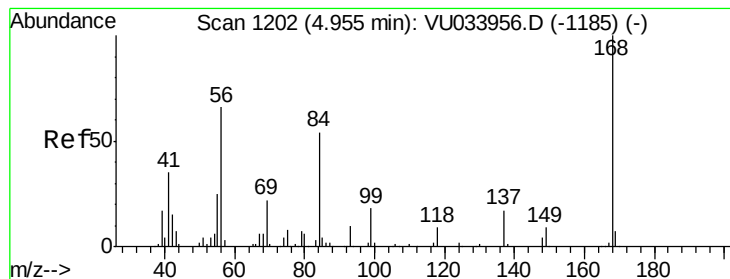
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU033963.D

Acq: 26 Aug 2019 21:47

Instrument :

MSVOA_U

ClientSampleId :

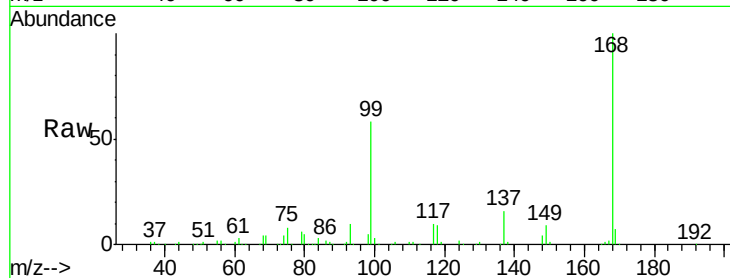
TB-03-082319

Tot Ion:168 Resp: 428001

Ion Ratio Lower Upper

168 100

99 57.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033963.D (-1109) (-)

4.95

200000

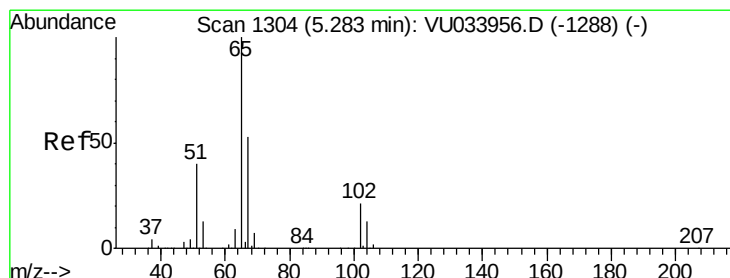
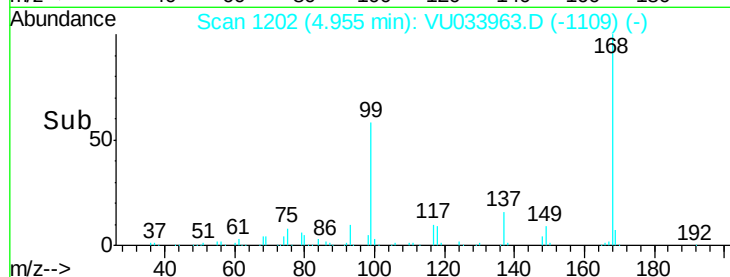
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.356 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033963.D

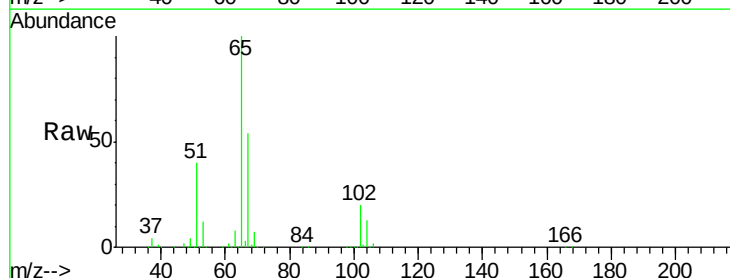
Acq: 26 Aug 2019 21:47

Tgt Ion: 65 Resp: 309721

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VU033956.D (-1288) (-)

Ion 66.90 (66.60 to 67.60): VU033963.D (-1210) (-)

5.28

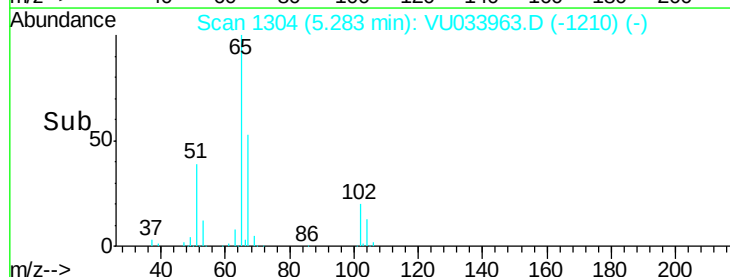
150000

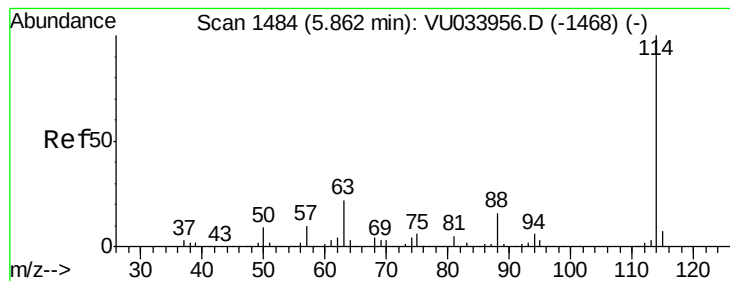
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU033963.D

Acq: 26 Aug 2019 21:47

Instrument :

MSVOA_U

ClientSampleId :

TB-03-082319

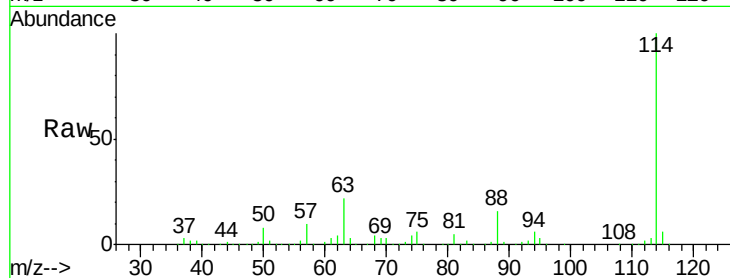
Tot Ion:114 Resp: 694795

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

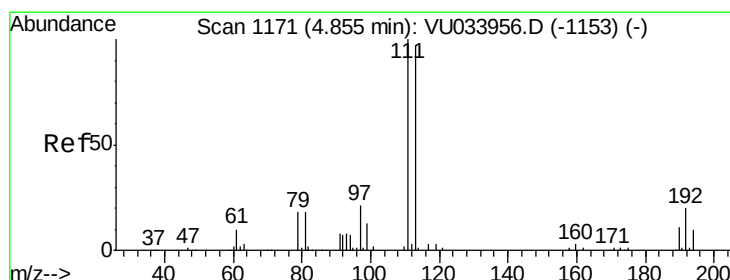
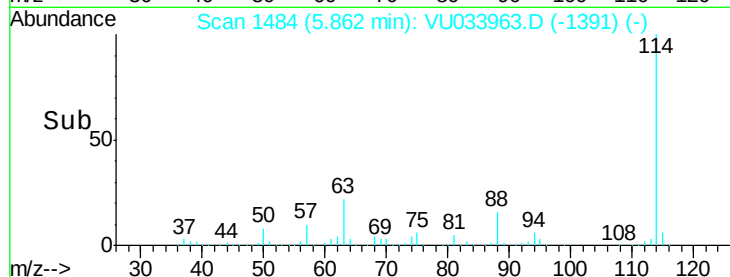
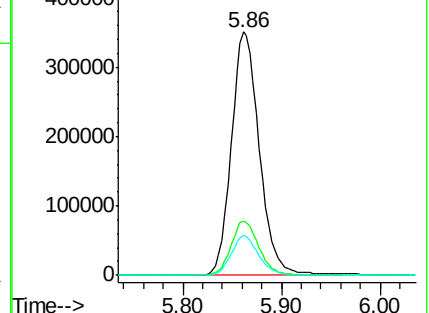
88 16.2 0.0 32.0



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: 48.798 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU033963.D

Acq: 26 Aug 2019 21:47

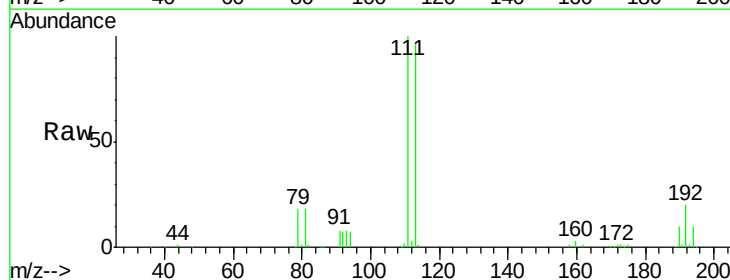
Tgt Ion:113 Resp: 235837

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

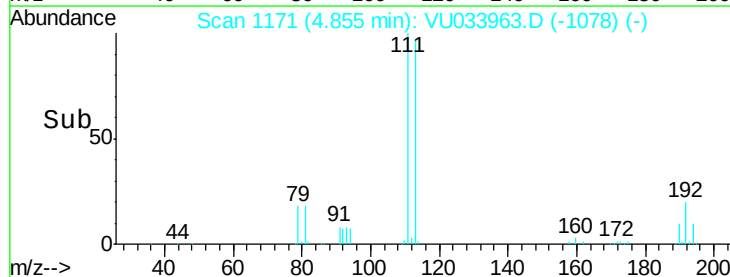
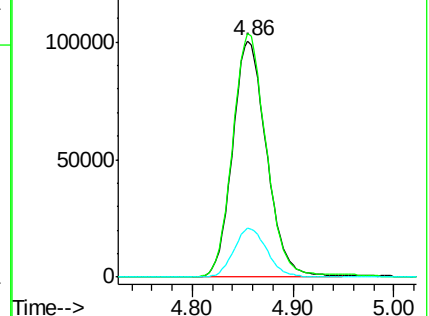
192 20.3 16.2 24.4

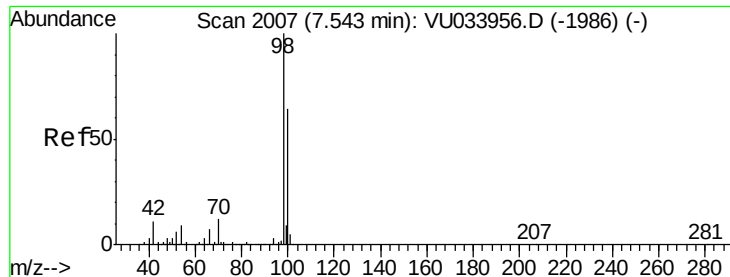


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

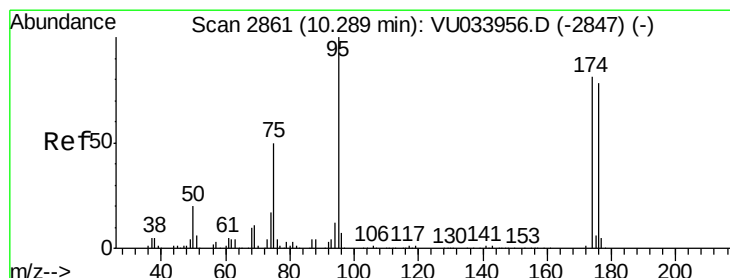
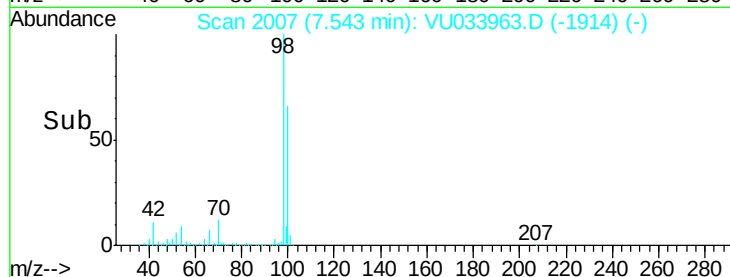
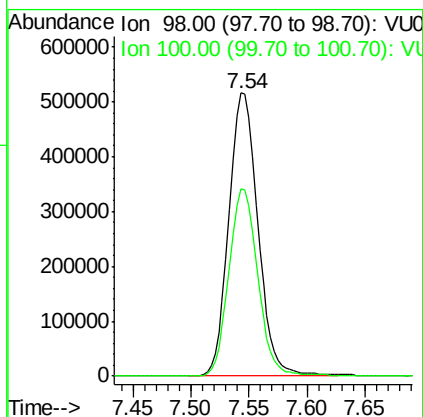
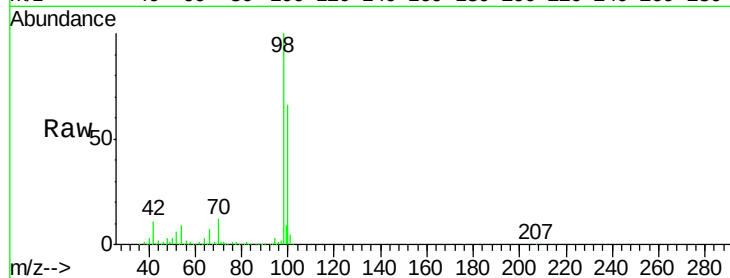




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VU033963.D
Acq: 26 Aug 2019 21:47

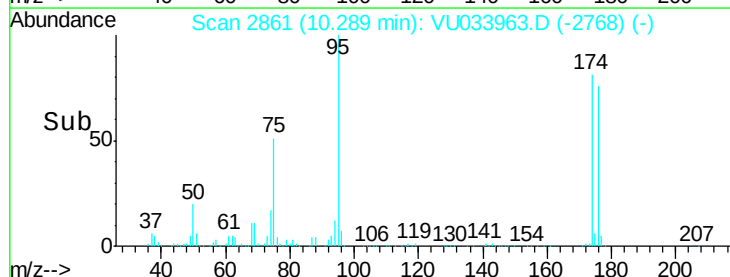
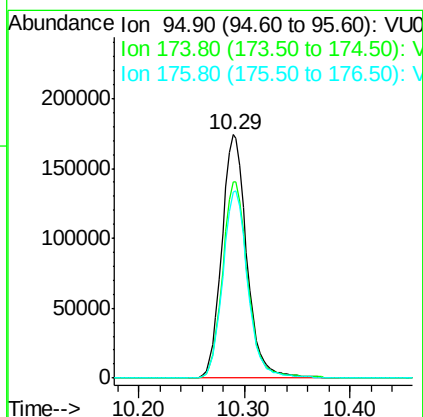
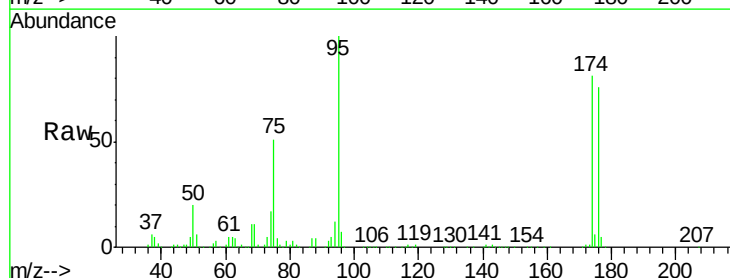
Instrument :
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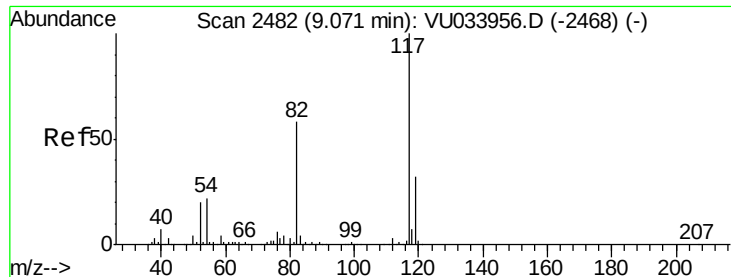
Tot Ion: 98 Resp: 898306
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 41.537 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU033963.D
Acq: 26 Aug 2019 21:47

Tgt Ion: 95 Resp: 286250
Ion Ratio Lower Upper
95 100
174 81.6 0.0 160.4
176 76.8 0.0 154.2

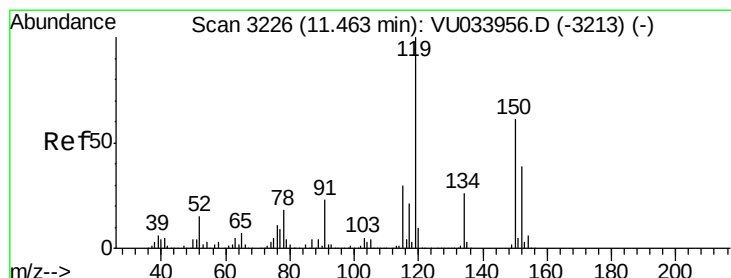
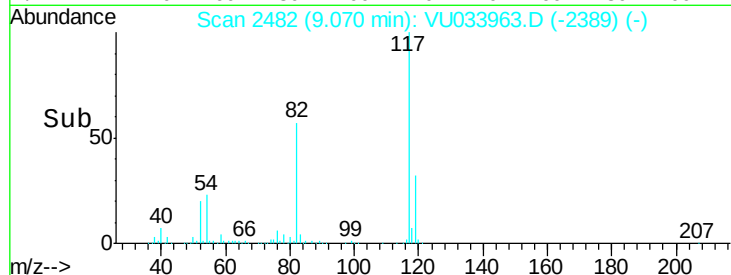
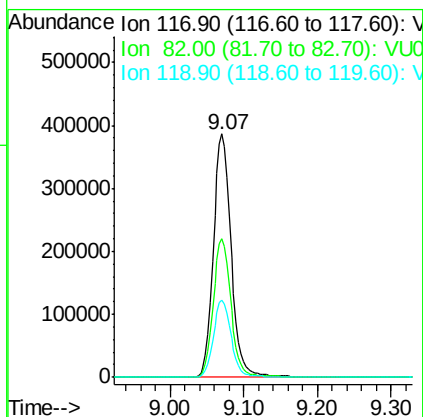
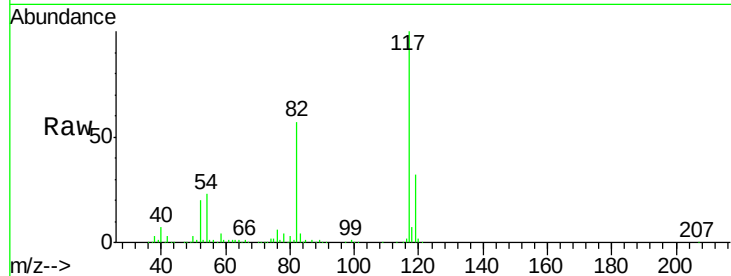




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033963.D
Acq: 26 Aug 2019 21:47

Instrument :
MSVOA_U
ClientSampleId :
TB-03-082319

Tot Ion:117 Resp: 648314
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 31.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU033963.D
Acq: 26 Aug 2019 21:47

Tgt Ion:152 Resp: 280433
Ion Ratio Lower Upper
152 100
115 58.0 40.3 120.9
150 157.5 0.0 346.0

