

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033980.D
 Acq On : 27 Aug 2019 18:18
 Operator : JC/SP
 Sample : K4566-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-082719

Quant Time: Aug 28 08:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	393325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	572386	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	527831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	251279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	205601	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	4.86	113	182422	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	7.55	98	692596	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	10.29	95	237058	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	

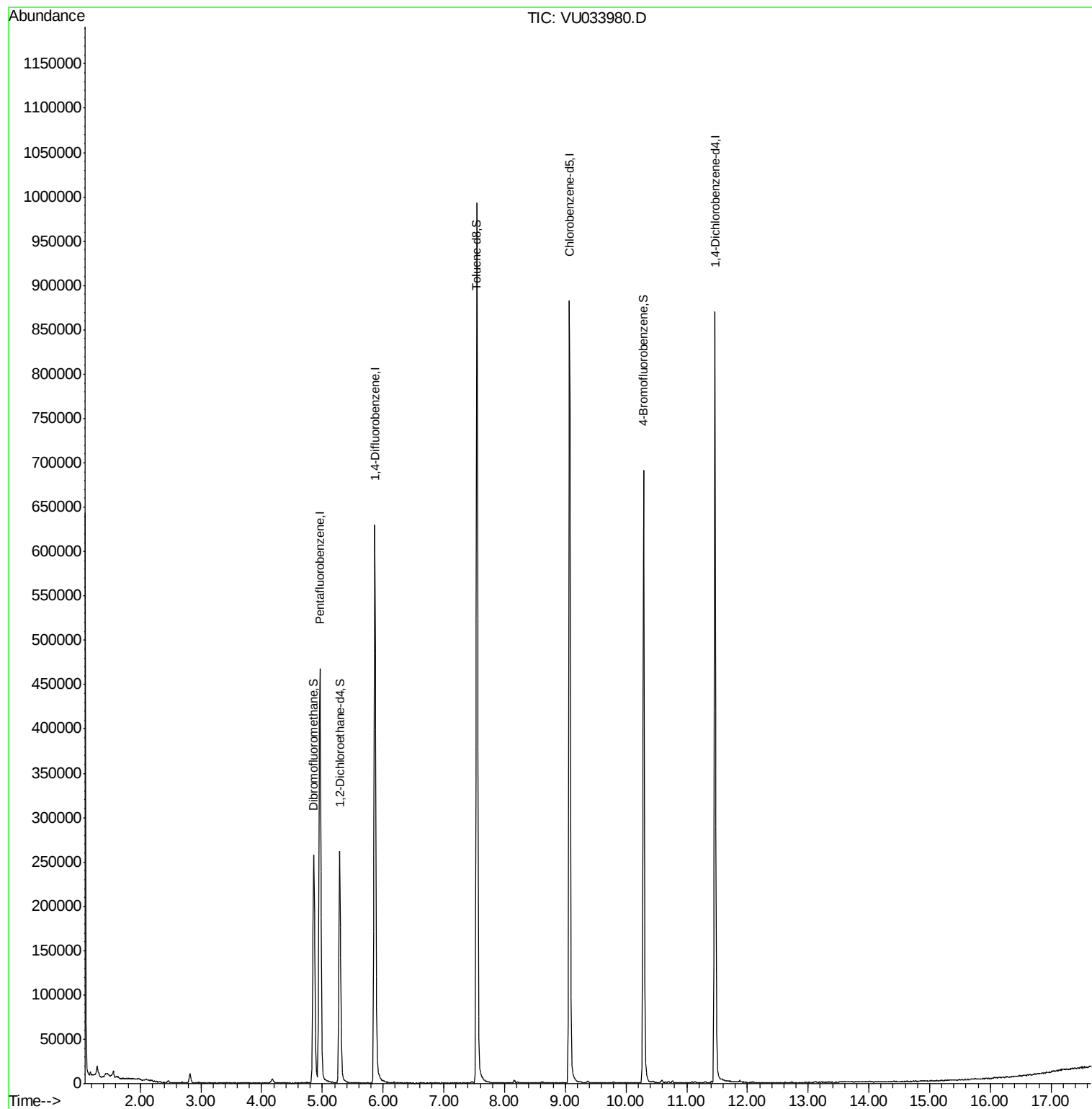
Target Compounds	Qvalue
------------------	--------

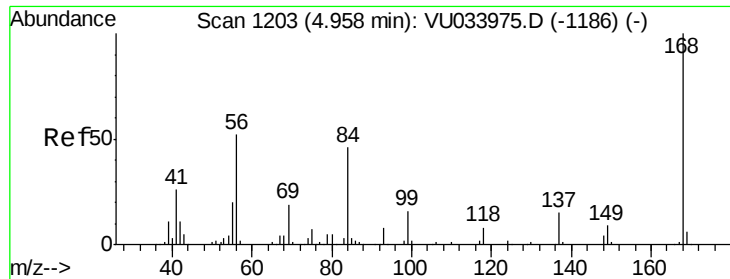
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082819\
Data File : VU033980.D
Acq On : 27 Aug 2019 18:18
Operator : JC/SP
Sample : K4566-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-082719

Quant Time: Aug 28 08:41:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 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: VU033980.D

Acq: 27 Aug 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

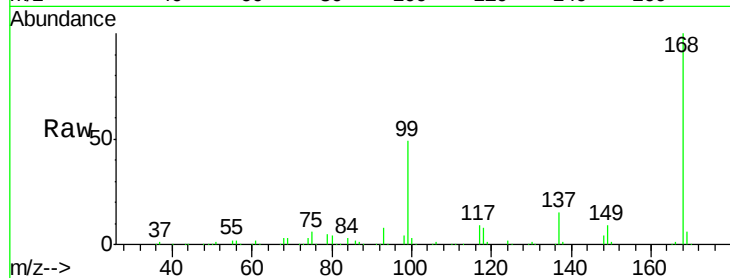
TB-082719

Tot Ion:168 Resp: 393325

Ion Ratio Lower Upper

168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D

Ion 98.90 (98.60 to 99.60): VU033975.D

4.96

200000

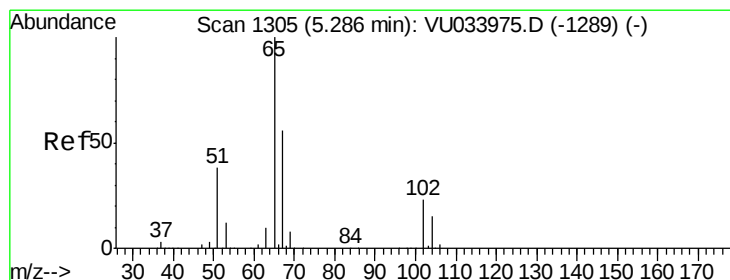
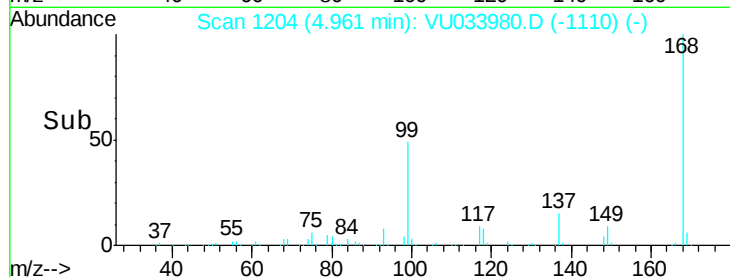
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.052 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU033980.D

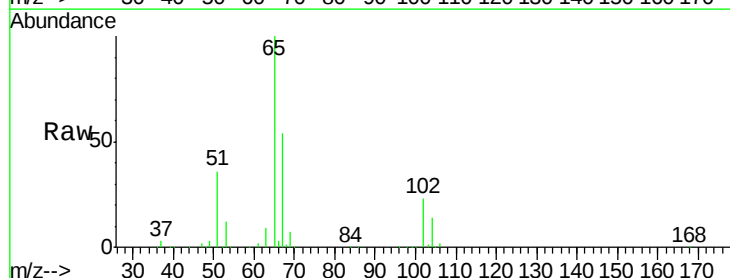
Acq: 27 Aug 2019 18:18

Tgt Ion: 65 Resp: 205601

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU033975.D

Ion 66.90 (66.60 to 67.60): VU033975.D

5.29

100000

80000

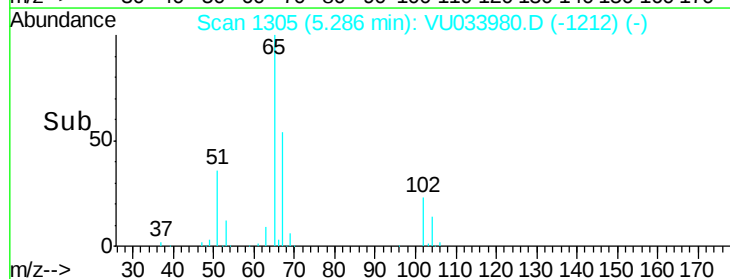
60000

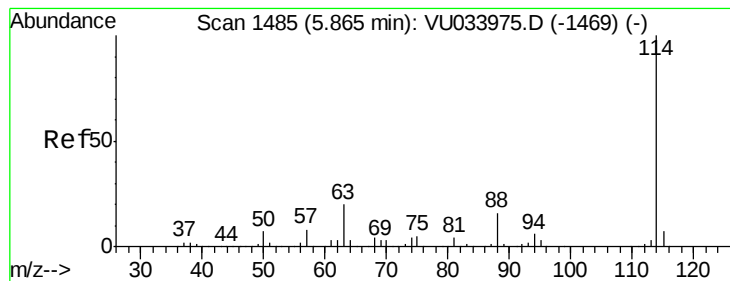
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU033980.D

Acq: 27 Aug 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

TB-082719

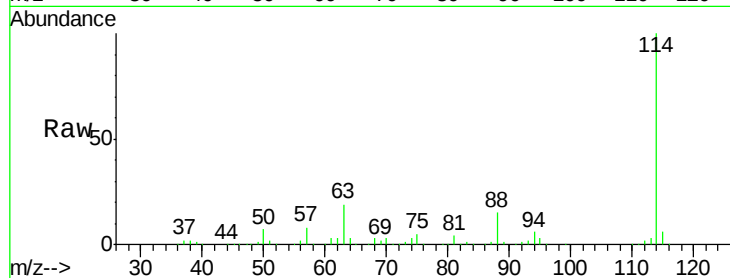
Tot Ion:114 Resp: 572386

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

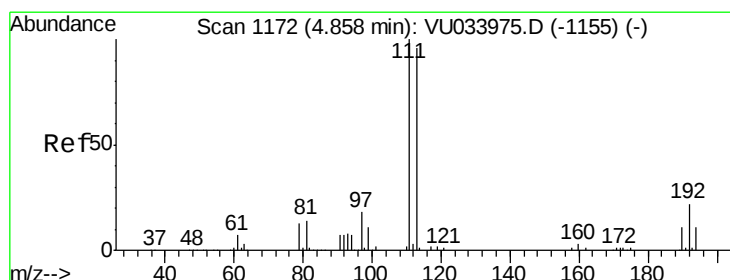
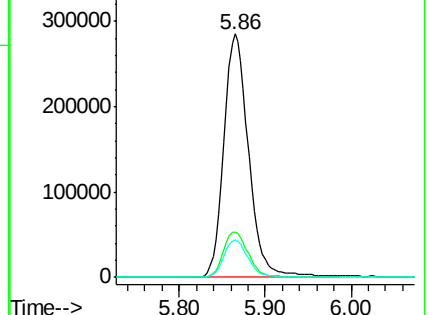
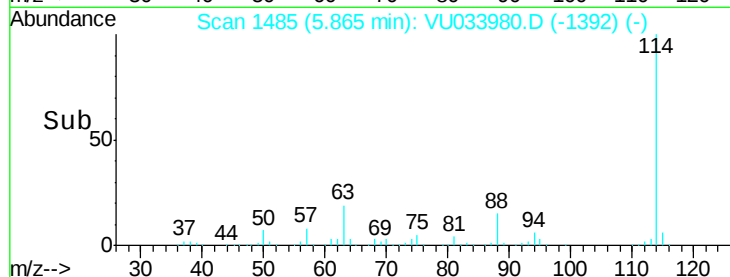
88 15.5 0.0 31.2



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: 47.413 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU033980.D

Acq: 27 Aug 2019 18:18

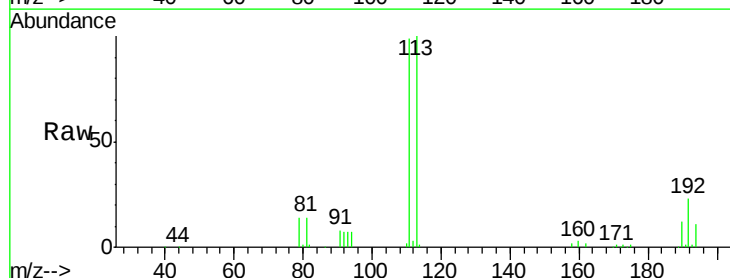
Tgt Ion:113 Resp: 182422

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

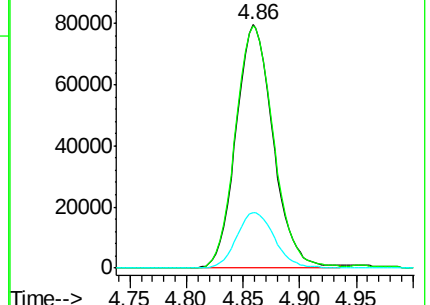
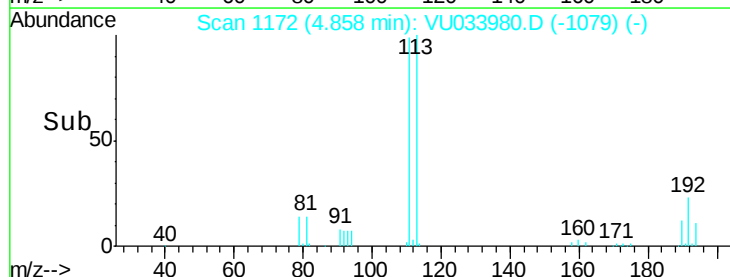
192 23.4 18.6 27.8

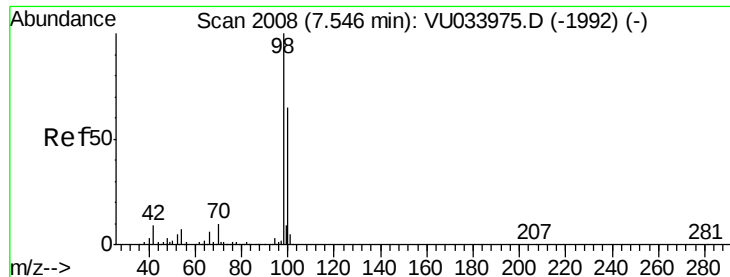


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

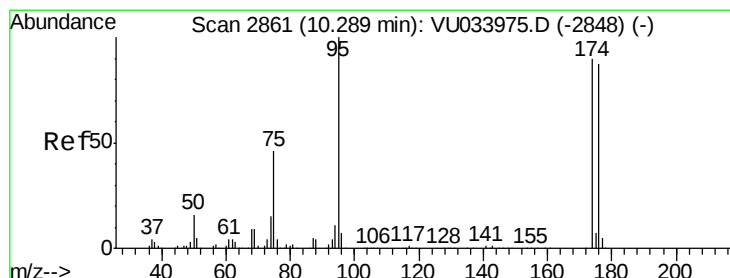
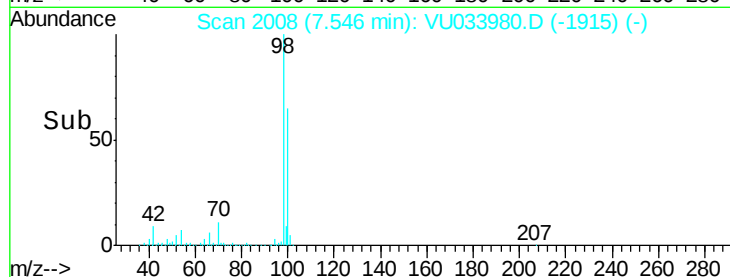
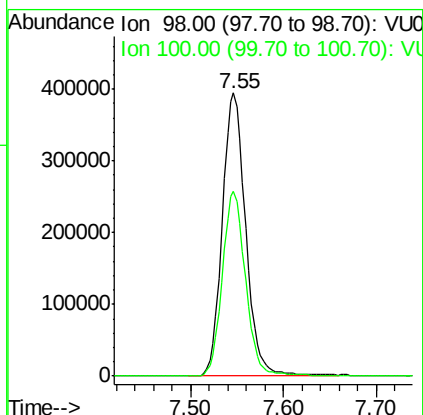
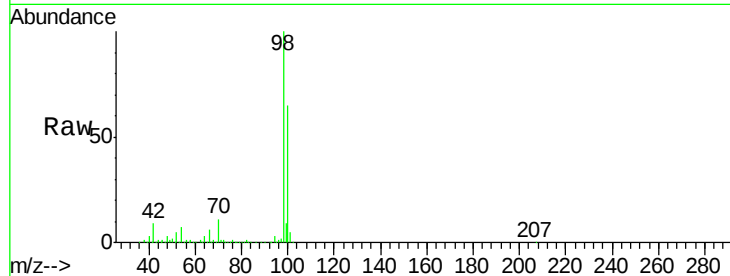




#50
Toluene-d8
Concen: 48.804 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU033980.D
Acq: 27 Aug 2019 18:18

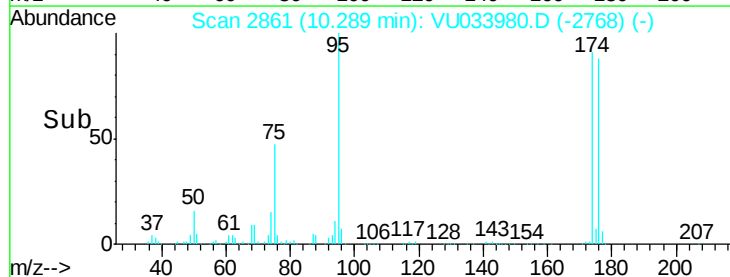
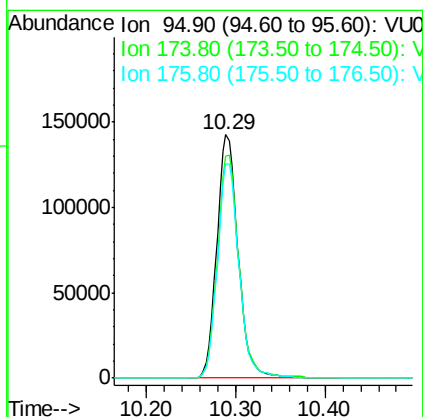
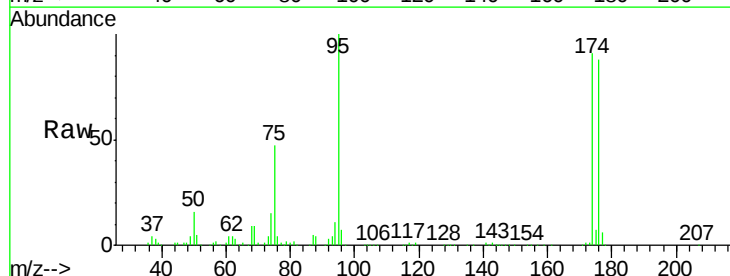
Instrument :
MSVOA_U
ClientSampled :
TB-082719

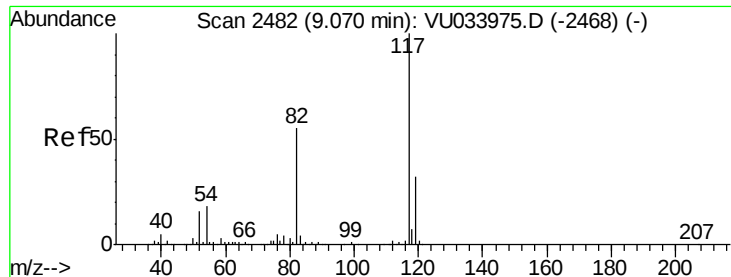
Tot Ion: 98 Resp: 692596
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.546 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU033980.D
Acq: 27 Aug 2019 18:18

Tgt Ion: 95 Resp: 237058
Ion Ratio Lower Upper
95 100
174 92.7 0.0 183.8
176 88.8 0.0 176.4

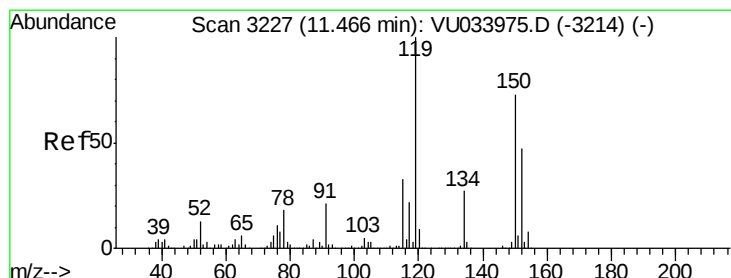
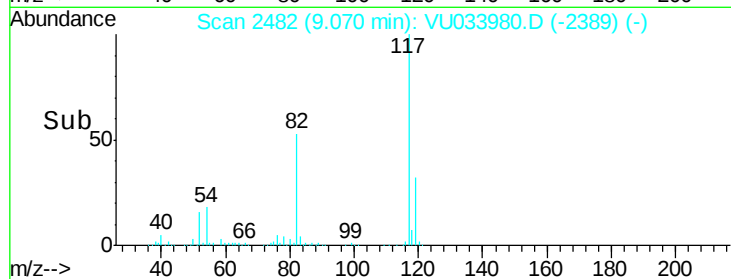
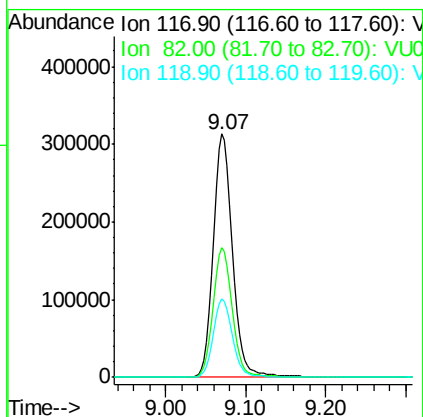
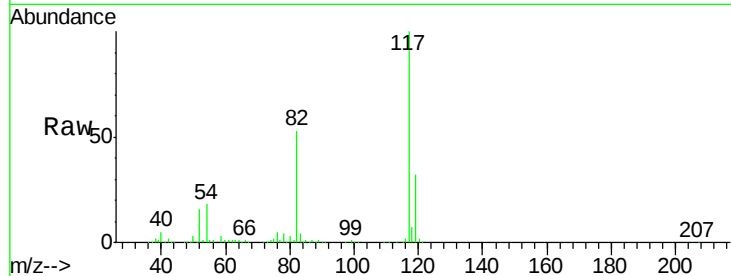




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU033980.D
 Acq: 27 Aug 2019 18:18

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-082719

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	32.1	25.7	38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VU033980.D
 Acq: 27 Aug 2019 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.6	115.7
150	157.8	0.0	343.8

