

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034349.D
 Acq On : 06 Sep 2019 23:08
 Operator : JC/SP
 Sample : K4725-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-TB-2019-1

Quant Time: Sep 07 05:00:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	300090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	445562	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	437175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	257531	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	230298	50.72	ug/l	0.00
Spiked Amount						
			Recovery	=	101.44%	
35) Dibromofluoromethane	4.86	113	205032	49.45	ug/l	0.00
Spiked Amount						
			Recovery	=	98.90%	
50) Toluene-d8	7.55	98	767574	49.28	ug/l	0.00
Spiked Amount						
			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	10.29	95	274079	45.57	ug/l	0.00
Spiked Amount						
			Recovery	=	91.14%	

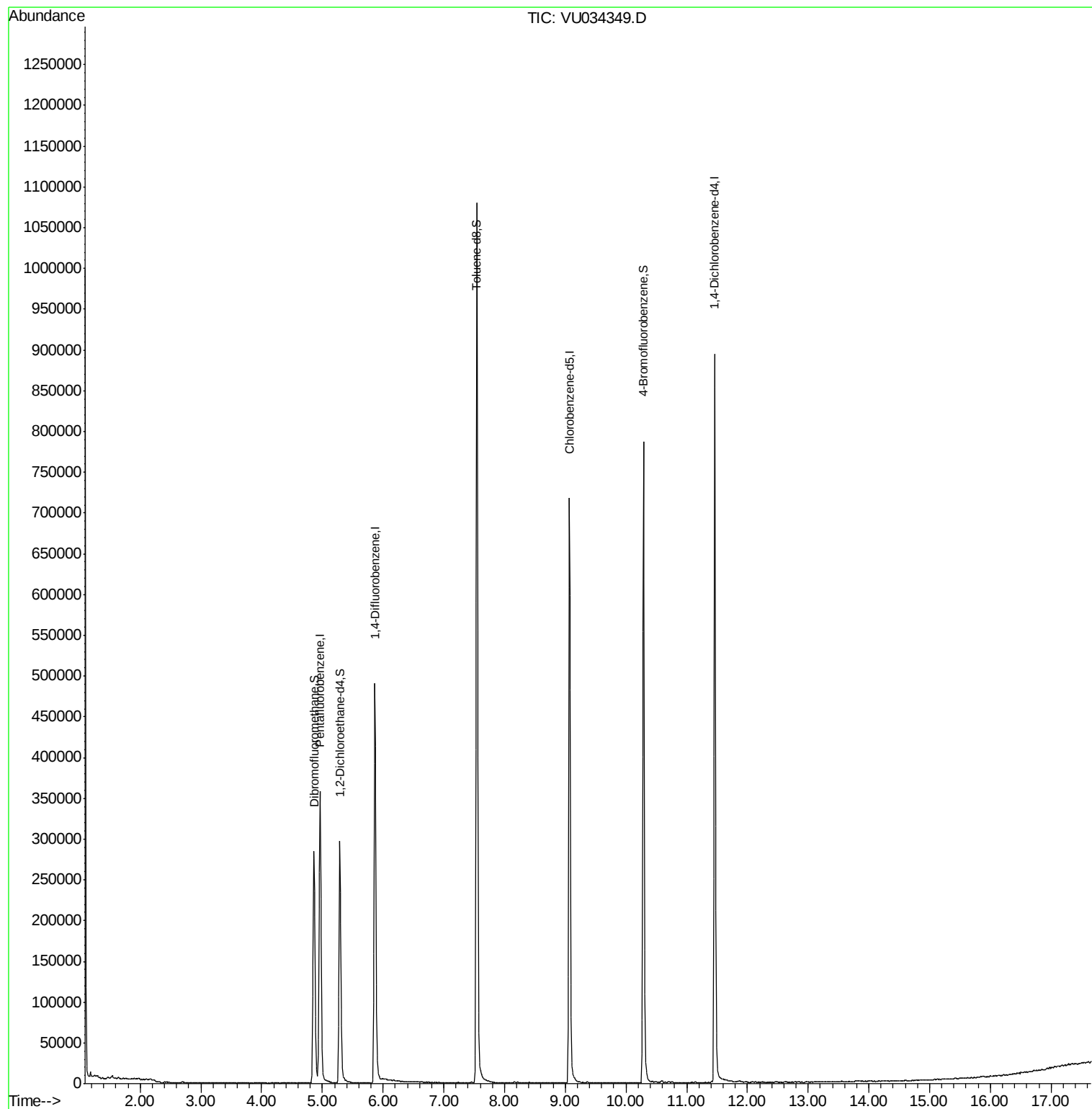
Target Compounds	Qvalue

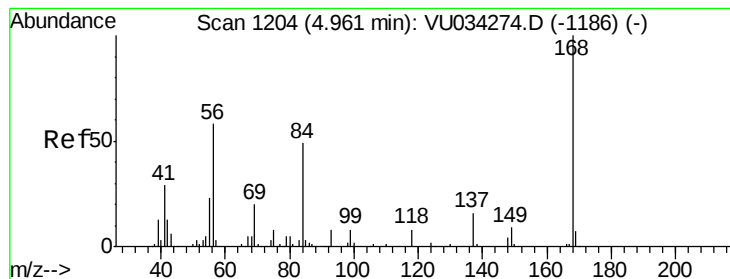
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034349.D

Acq: 06 Sep 2019 23:08

Instrument :

MSVOA_U

ClientSampleId :

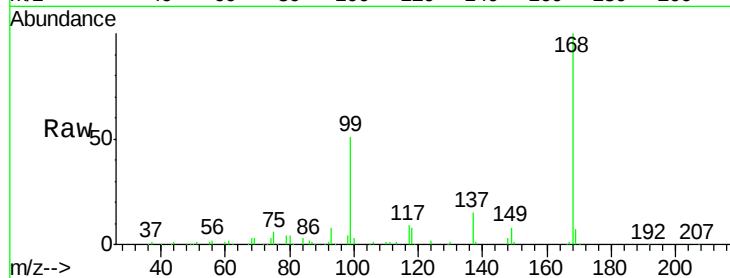
S13-TB-2019-1

Tot Ion:168 Resp: 300090

Ion Ratio Lower Upper

168 100

99 50.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034349.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034349.D (-1186) (-)

4.96

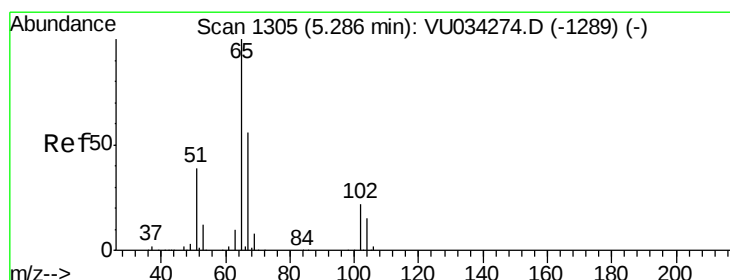
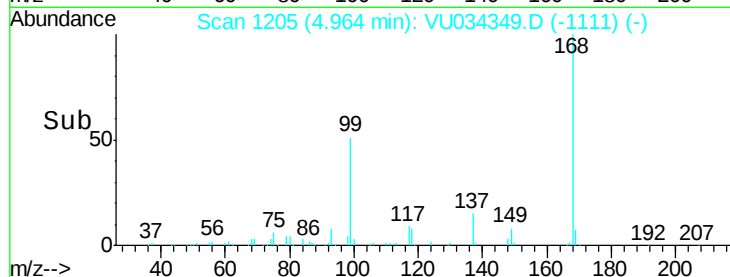
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.721 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034349.D

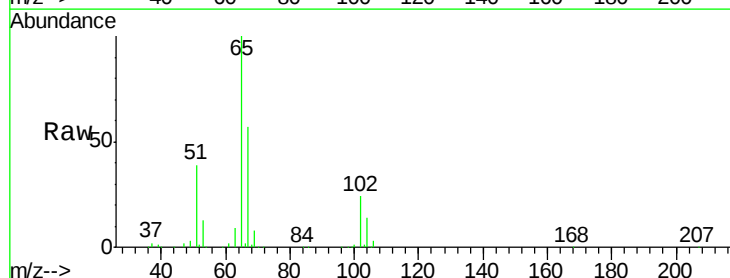
Acq: 06 Sep 2019 23:08

Tgt Ion: 65 Resp: 230298

Ion Ratio Lower Upper

65 100

67 56.1 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034349.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034349.D (-1289) (-)

5.29

120000

100000

80000

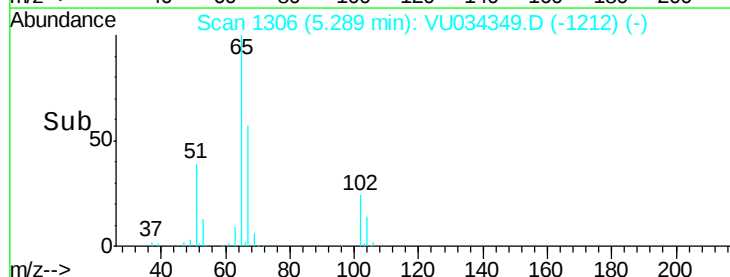
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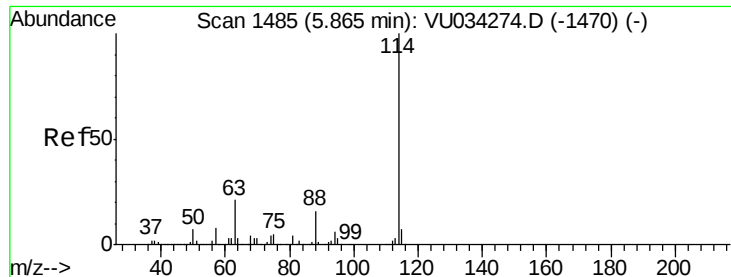
40000

20000

0

Time-->

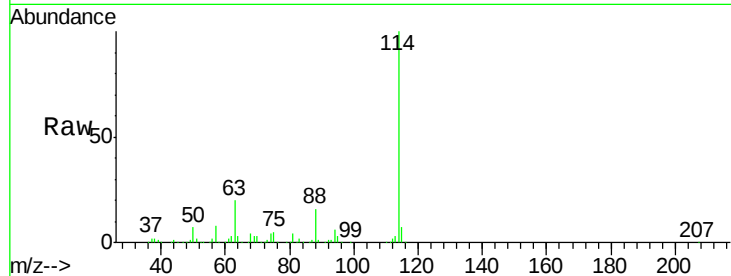




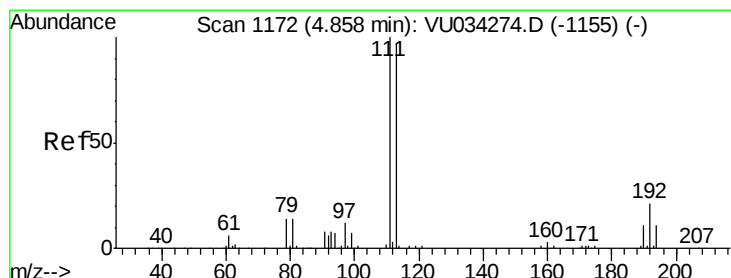
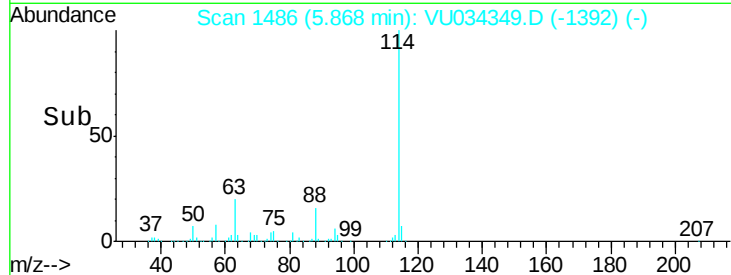
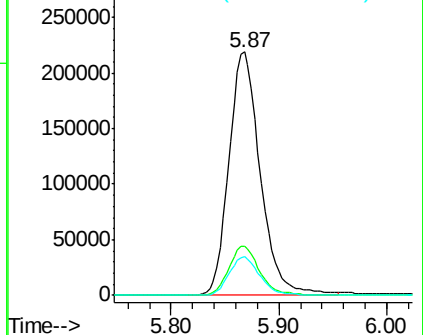
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034349.D
 Acq: 06 Sep 2019 23:08

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-TB-2019-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	15.7	0.0	32.4

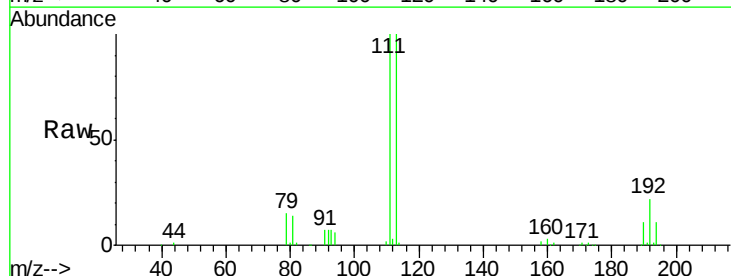


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

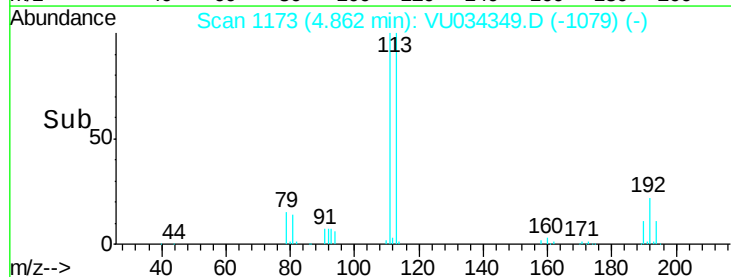
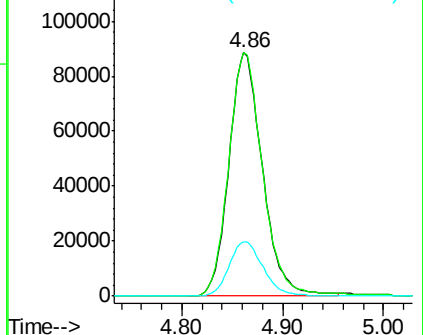


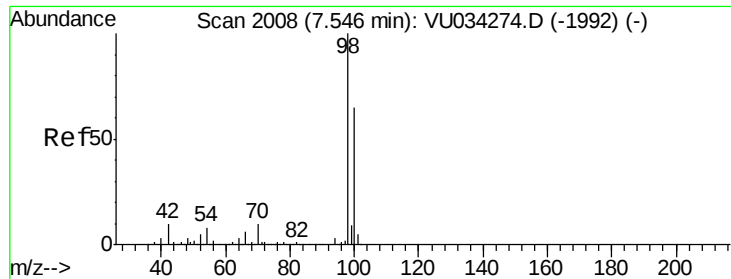
#35
 Dibromofluoromethane
 Concen: 49.453 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034349.D
 Acq: 06 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.5	122.3
192	22.7	17.8	26.8



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

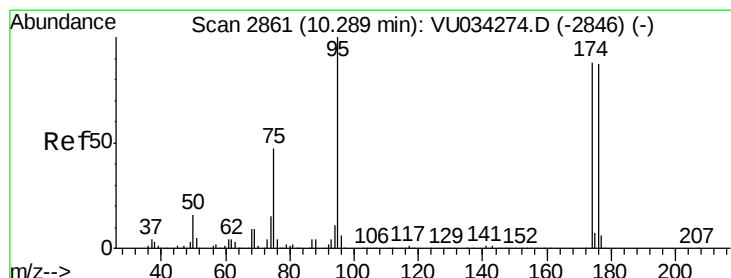
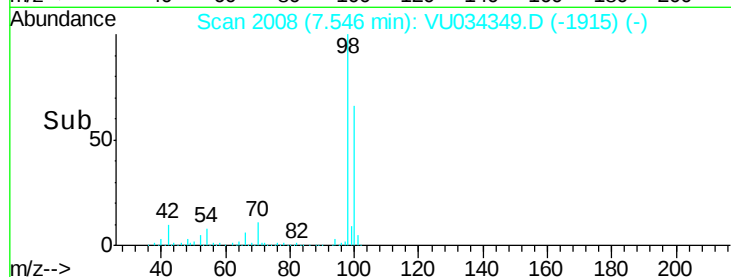
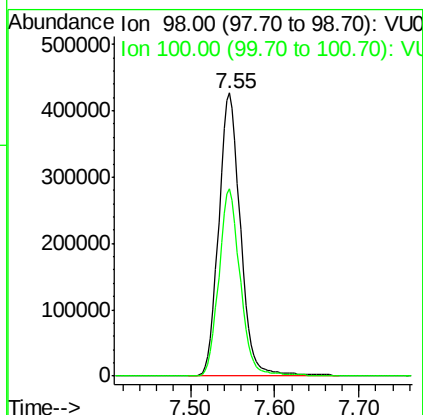
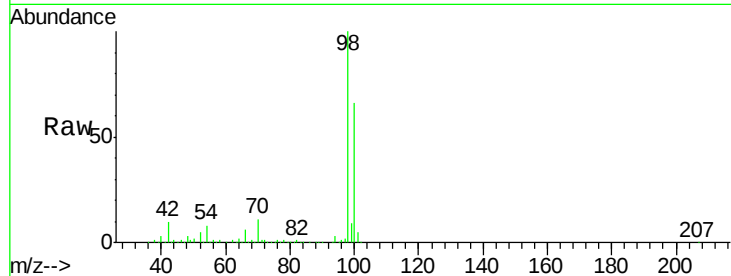




#50
Toluene-d8
Concen: 49.278 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034349.D
Acq: 06 Sep 2019 23:08

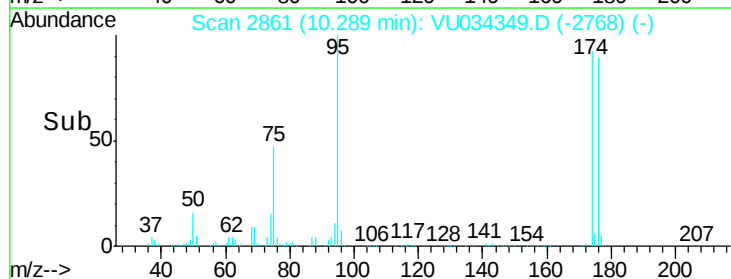
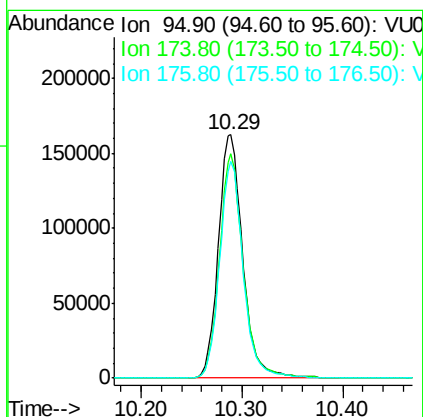
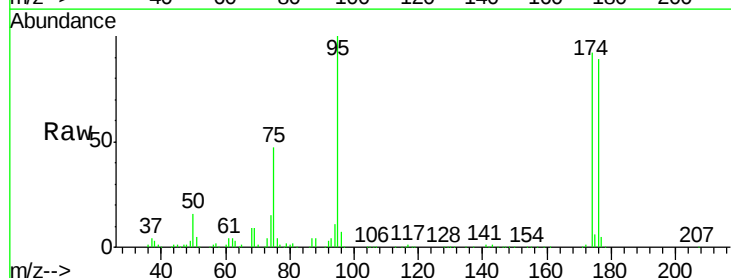
Instrument :
MSVOA_U
ClientSampleId :
S13-TB-2019-1

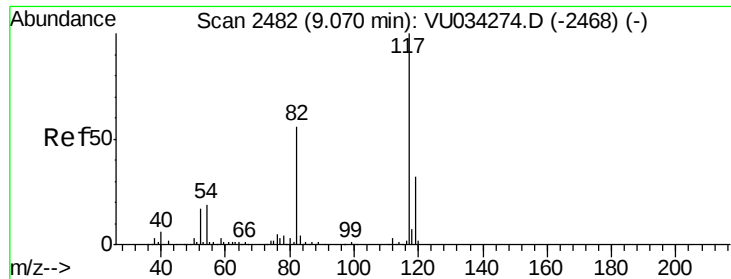
Tot Ion: 98 Resp: 767574
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.574 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034349.D
Acq: 06 Sep 2019 23:08

Tgt Ion: 95 Resp: 274079
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.2
176 86.7 0.0 168.0

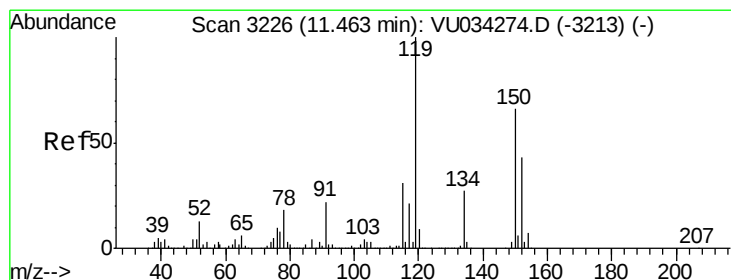
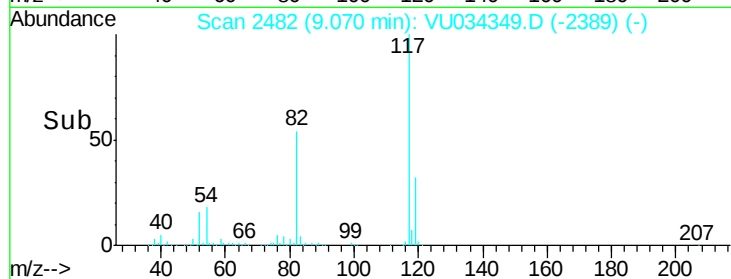
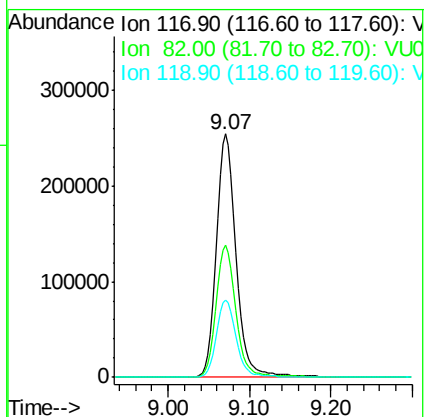
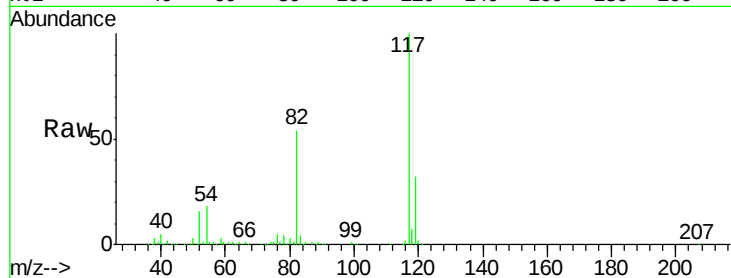




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034349.D
Acq: 06 Sep 2019 23:08

Instrument :
MSVOA_U
ClientSampleId :
S13-TB-2019-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.6	67.0
119	31.9	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034349.D
Acq: 06 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.1	117.3
150	158.9	0.0	345.4

