

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034149.D
 Acq On : 01 Sep 2019 02:33
 Operator : JC/SP
 Sample : K4526-31
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F2-(1.9)

Quant Time: Sep 01 05:49:54 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

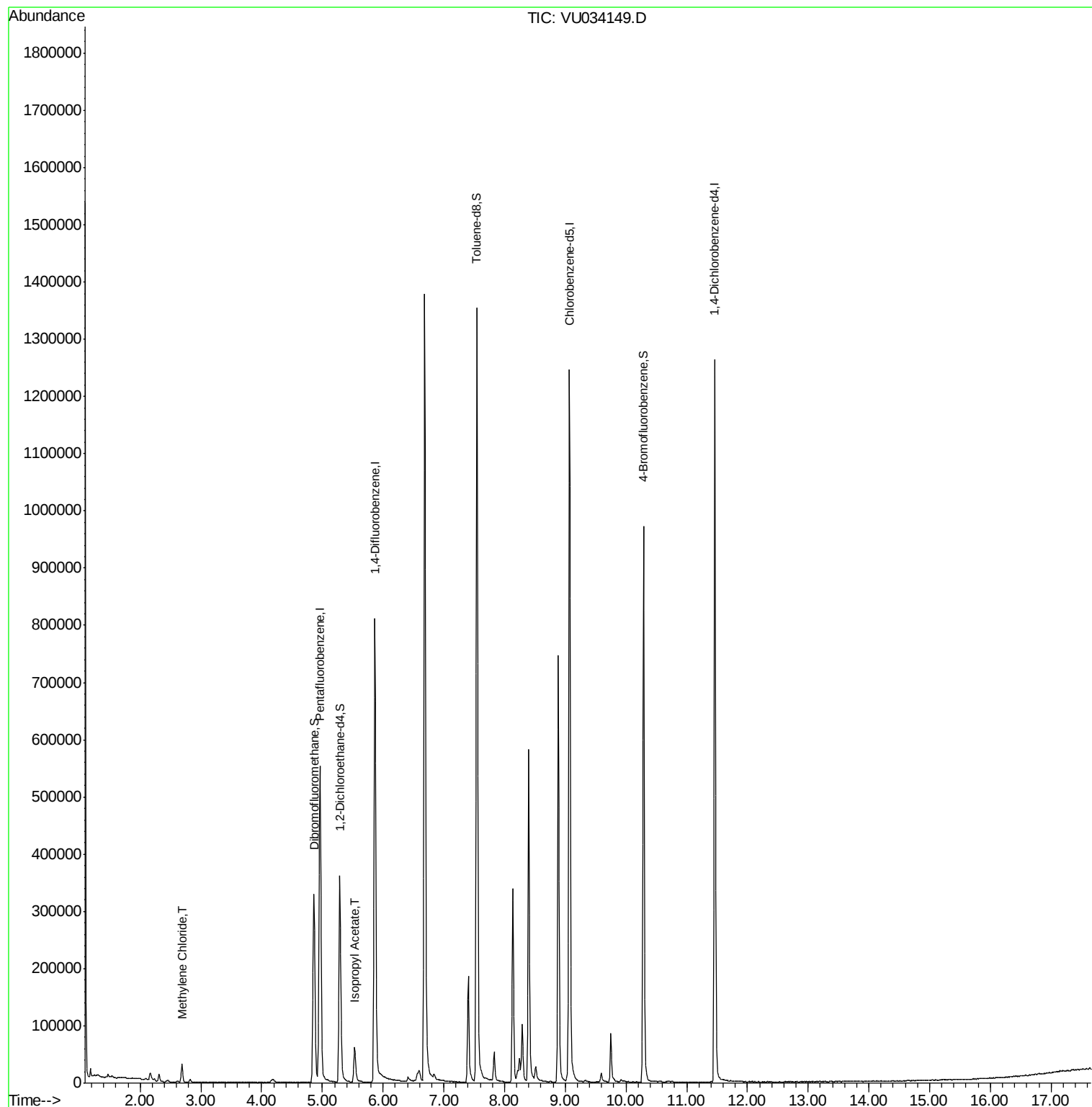
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	453102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	714948	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	720715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	352571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	285120	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	4.86	113	239968	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	7.55	98	951291	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	10.29	95	331335	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
20) Methylene Chloride	2.69	84	14130	2.520	ug/l	95
43) Isopropyl Acetate	5.53	43	72027	6.252	ug/l	99

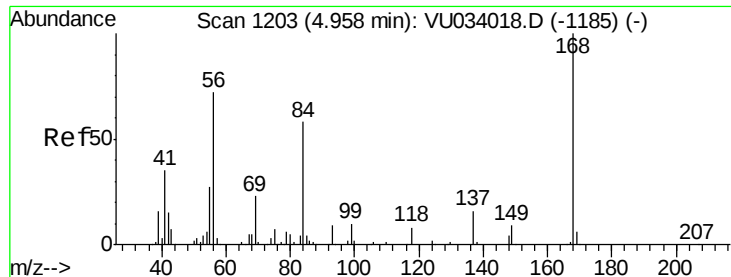
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034149.D

Acq: 01 Sep 2019 02:33

Instrument :

MSVOA_U

ClientSampleId :

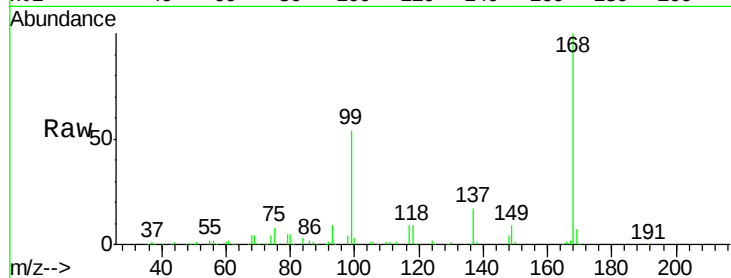
T9-12-13-F2-(1.9)

Tot Ion:168 Resp: 453102

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

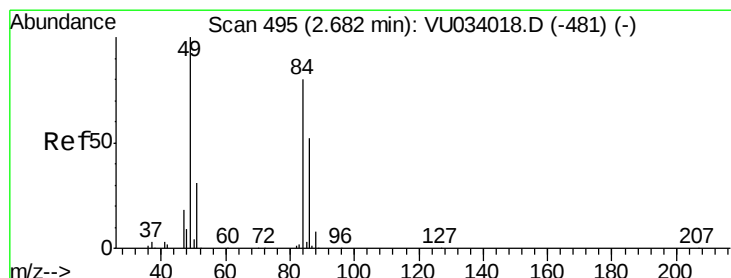
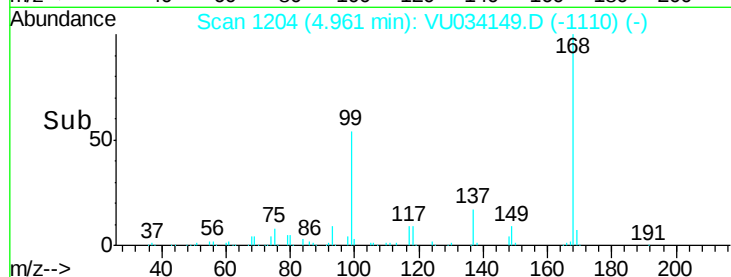
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 2.520 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034149.D

Acq: 01 Sep 2019 02:33

Tgt Ion: 84 Resp: 14130

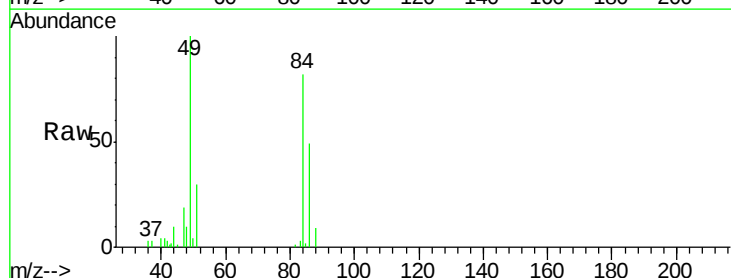
Ion Ratio Lower Upper

84 100

49 121.6 100.2 150.4

51 36.0 30.8 46.2

86 59.9 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

15000

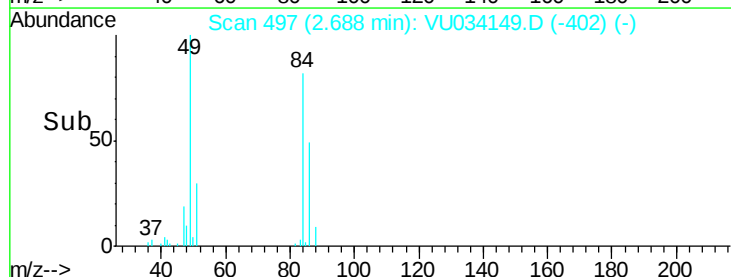
10000

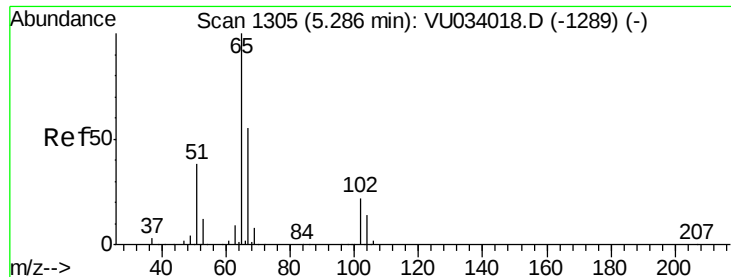
5000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.110 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034149.D

Acq: 01 Sep 2019 02:33

Instrument :

MSVOA_U

ClientSampleId :

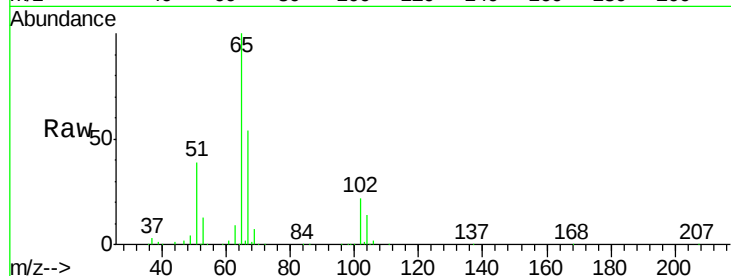
T9-12-13-F2-(1.9)

Tot Ion: 65 Resp: 285120

Ion Ratio Lower Upper

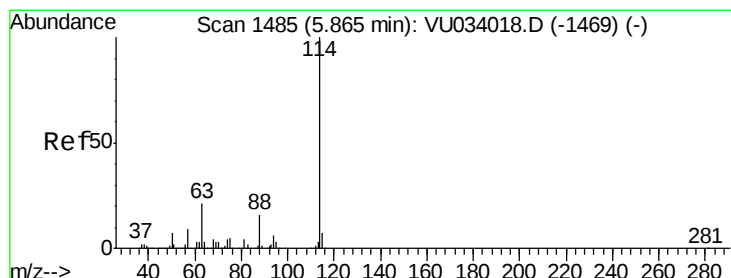
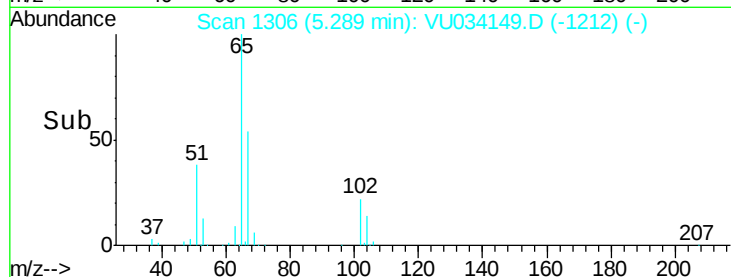
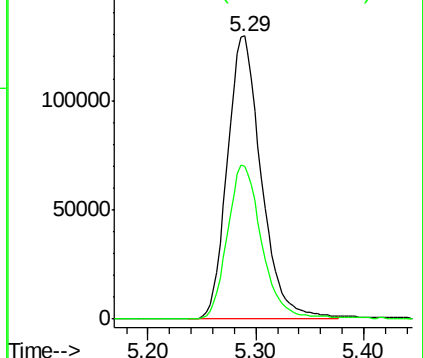
65 100

67 55.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034149.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034149.D (-1212) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034149.D

Acq: 01 Sep 2019 02:33

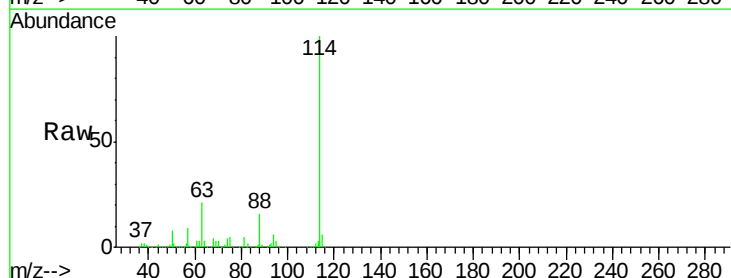
Tgt Ion: 114 Resp: 714948

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

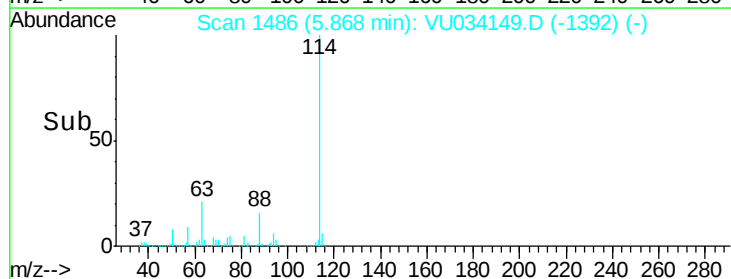
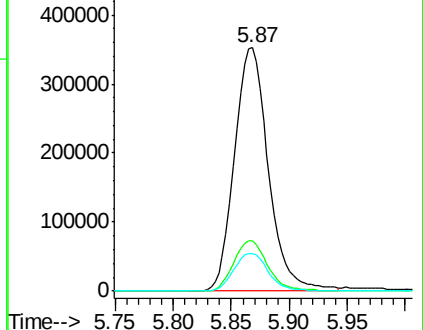
88 15.6 0.0 32.0

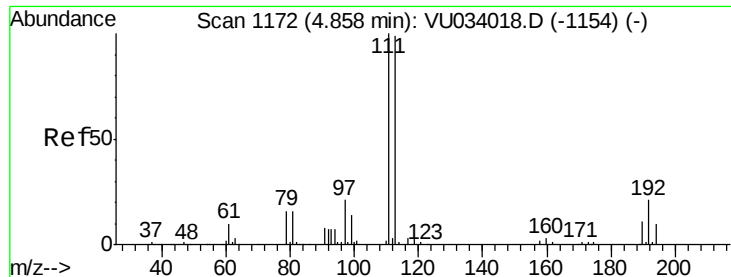


Abundance Ion 113.90 (113.60 to 114.60): VU034149.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034149.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034149.D (-1392) (-)

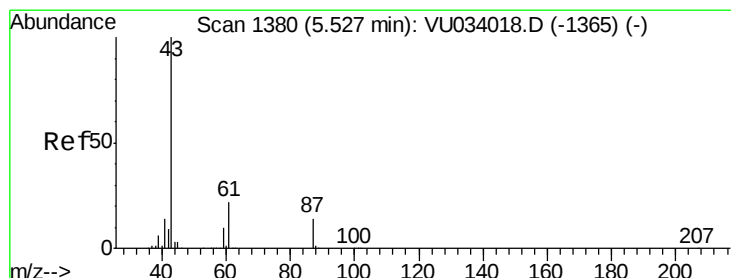
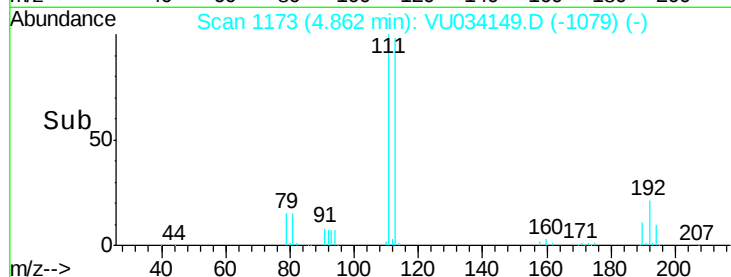
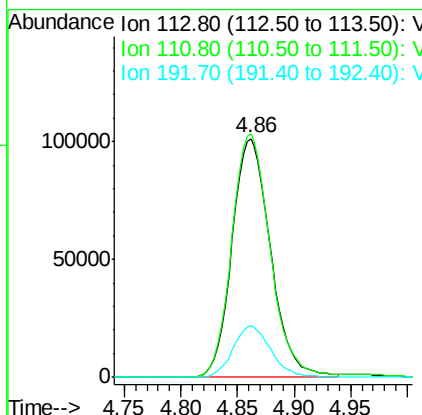
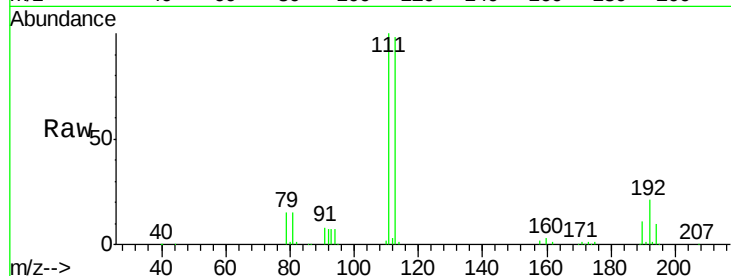




#35
 Dibromofluoromethane
 Concen: 48.392 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034149.D
 Acq: 01 Sep 2019 02:33

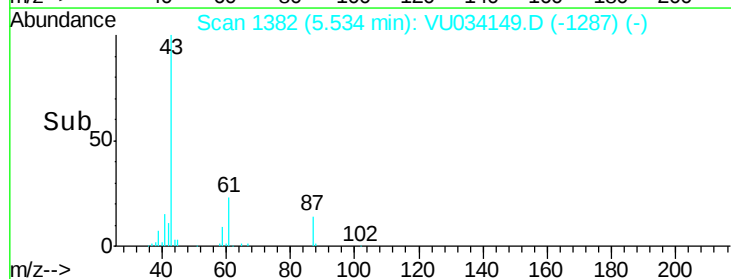
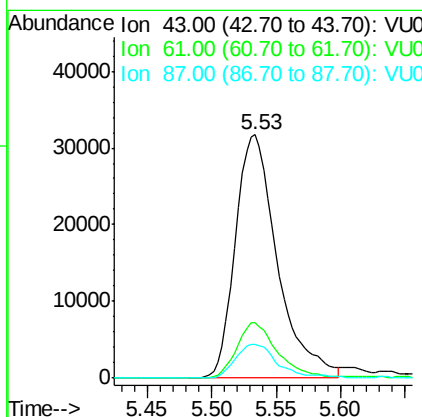
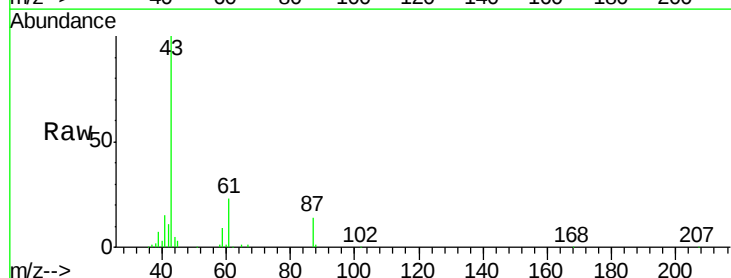
Instrument :
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 ClientSampleId :
 T9-12-13-F2-(1.9)

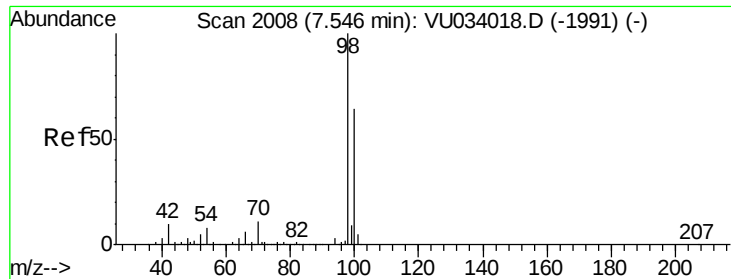
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	21.4	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 6.252 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034149.D
 Acq: 01 Sep 2019 02:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.2	25.8
87	14.1	10.8	16.2





#50

Toluene-d8

Concen: 51.234 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034149.D

Acq: 01 Sep 2019 02:33

Instrument :

MSVOA_U

ClientSampleId :

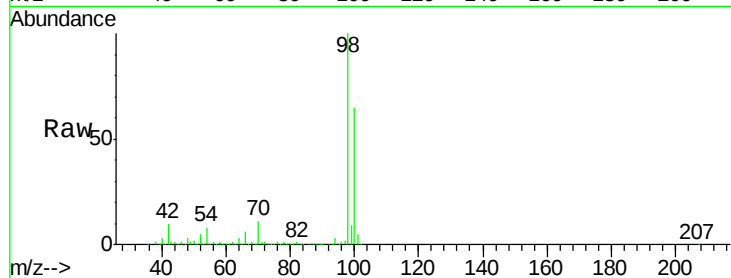
T9-12-13-F2-(1.9)

Tot Ion: 98 Resp: 951291

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)

7.55

600000

500000

400000

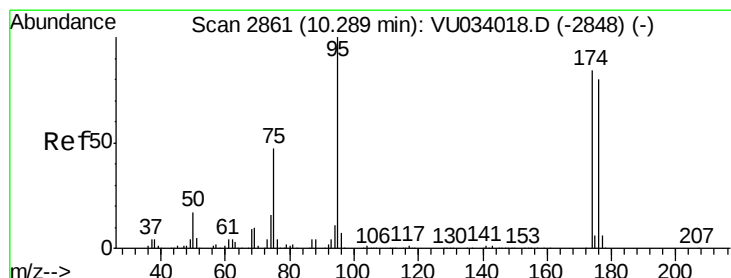
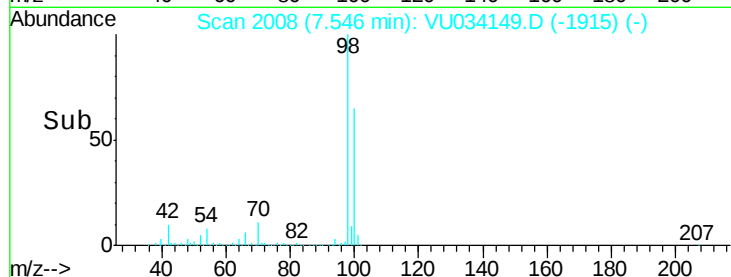
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 45.875 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034149.D

Acq: 01 Sep 2019 02:33

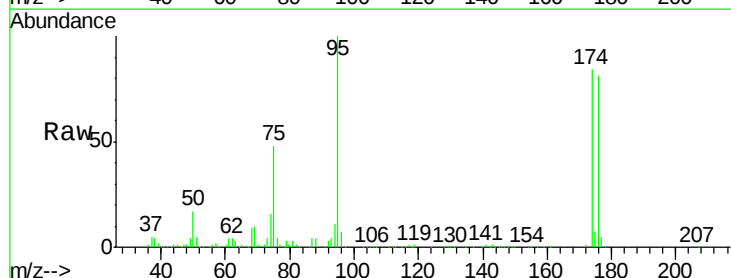
Tgt Ion: 95 Resp: 331335

Ion Ratio Lower Upper

95 100

174 85.2 0.0 168.8

176 81.8 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)

10.29

250000

200000

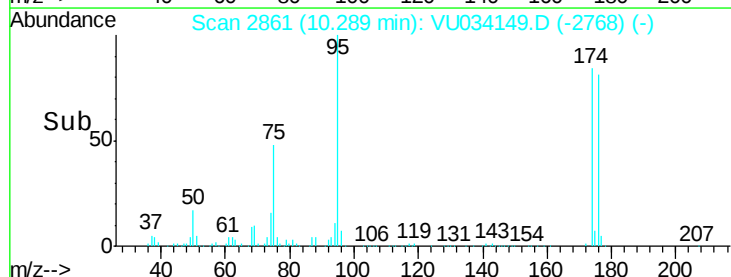
150000

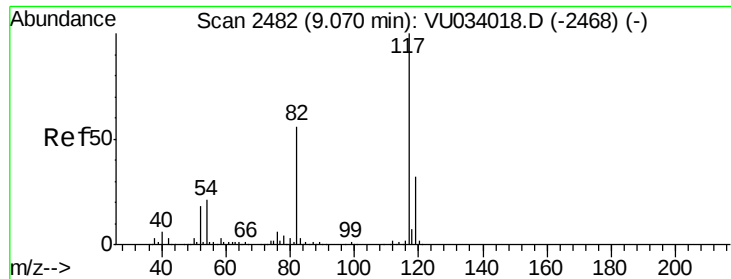
100000

50000

0

Time--> 10.20 10.30 10.40

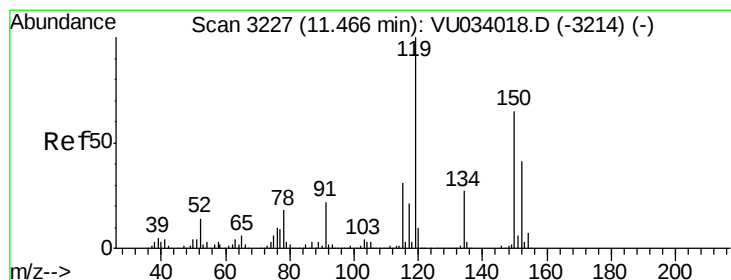
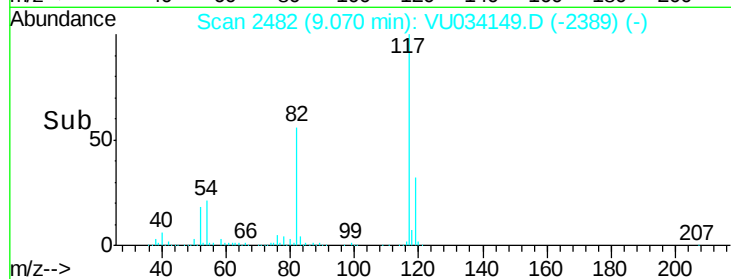
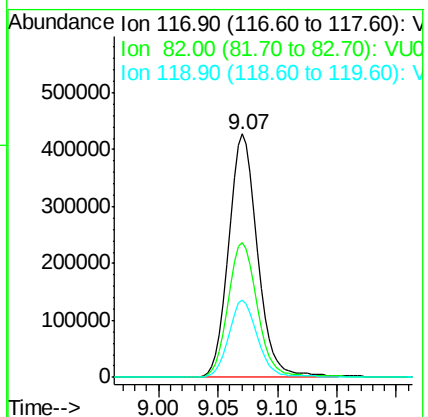
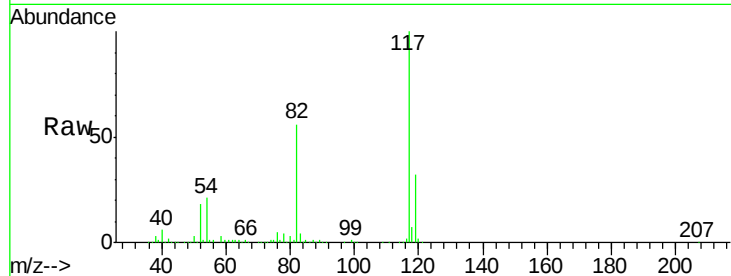




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034149.D
Acq: 01 Sep 2019 02:33

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F2-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.1	67.7
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034149.D
Acq: 01 Sep 2019 02:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.1	123.3
150	158.1	0.0	348.8

