

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034146.D
 Acq On : 01 Sep 2019 01:23
 Operator : JC/SP
 Sample : K4526-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F3-(0)

Quant Time: Sep 01 05:45:10 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	461717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	741851	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	734605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	362603	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	290906	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	4.86	113	241955	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	7.55	98	955030	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	10.29	95	338940	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	

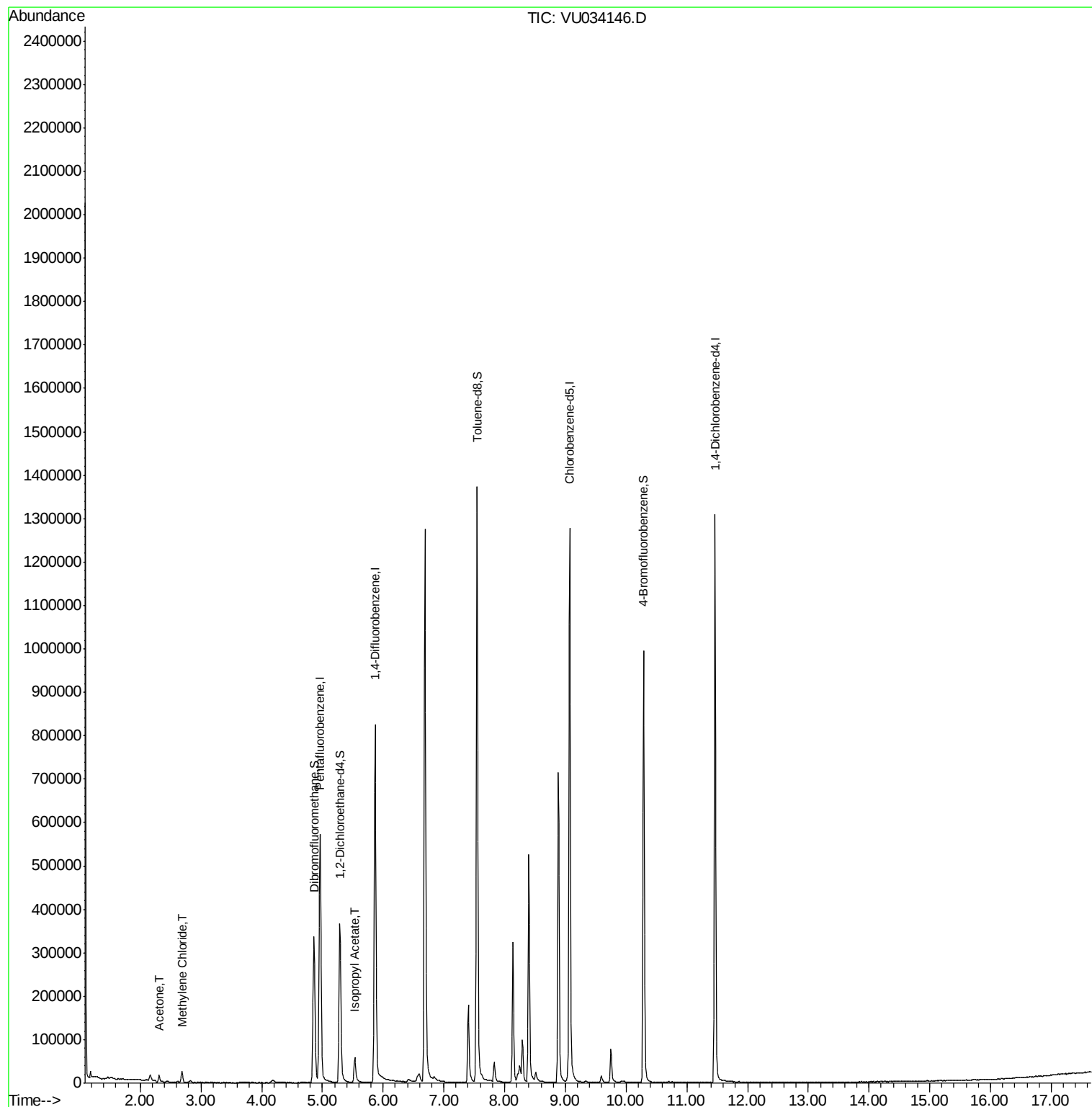
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.31	43	16831	5.576	ug/l	98
20) Methylene Chloride	2.69	84	11355	1.987	ug/l	94
43) Isopropyl Acetate	5.53	43	71722	6.000	ug/l	99

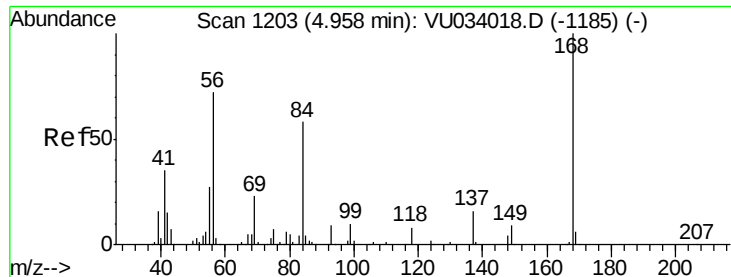
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034146.D

Acq: 01 Sep 2019 01:23

Instrument :

MSVOA_U

ClientSampleId :

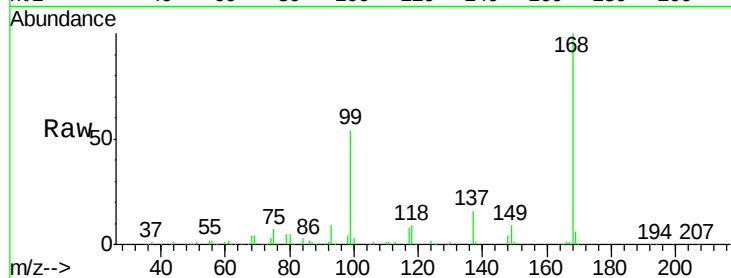
T9-12-13-F3-(0)

Tot Ion:168 Resp: 461717

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034146.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034146.D (-1110) (-)

4.96

200000

150000

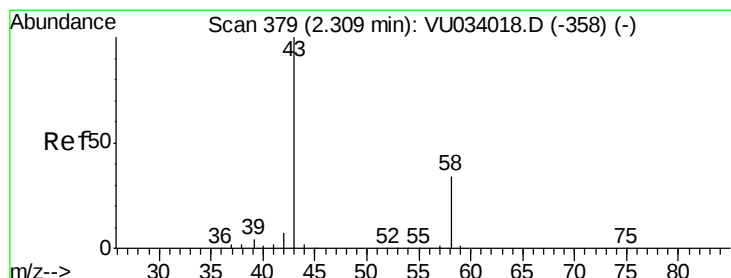
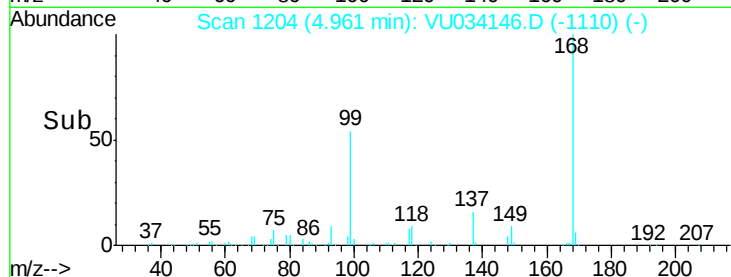
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.576 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034146.D

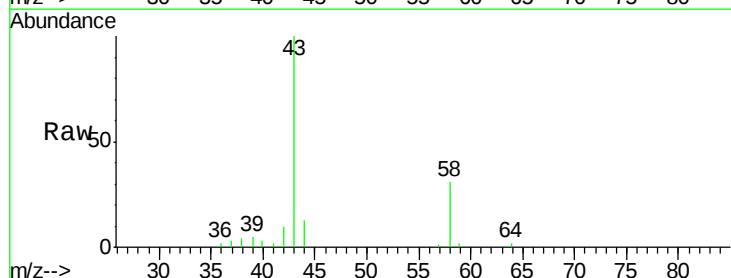
Acq: 01 Sep 2019 01:23

Tgt Ion: 43 Resp: 16831

Ion Ratio Lower Upper

43 100

58 32.1 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034146.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034146.D (-286) (-)

2.31

12000

10000

8000

6000

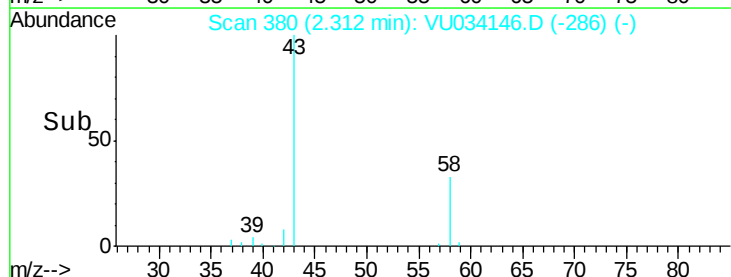
4000

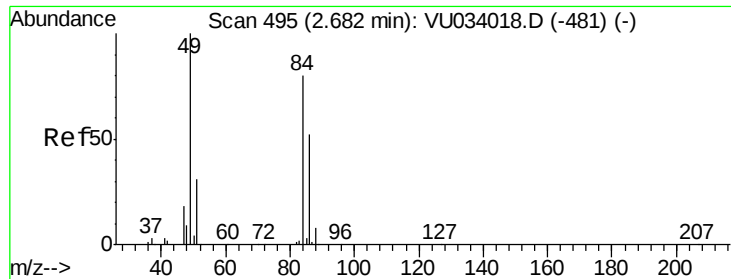
2000

0

2.25 2.30 2.35 2.40

Time-->

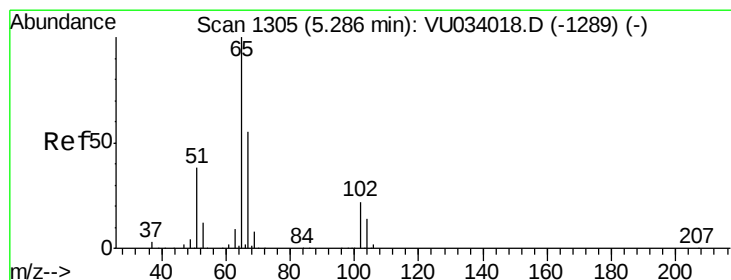
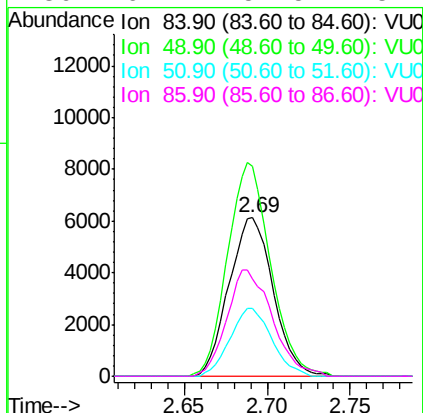
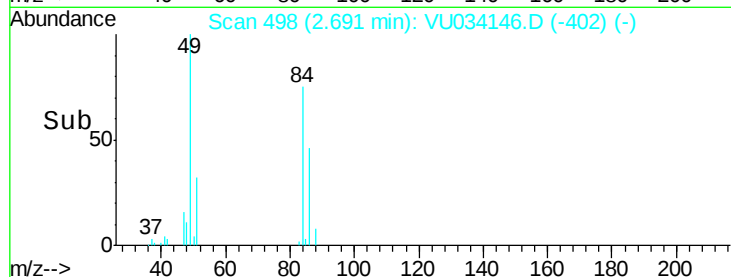
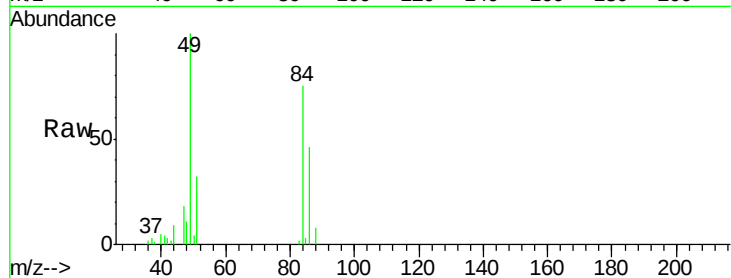




#20
Methvlene Chloride
Concen: 1.987 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034146.D
Acq: 01 Sep 2019 01:23

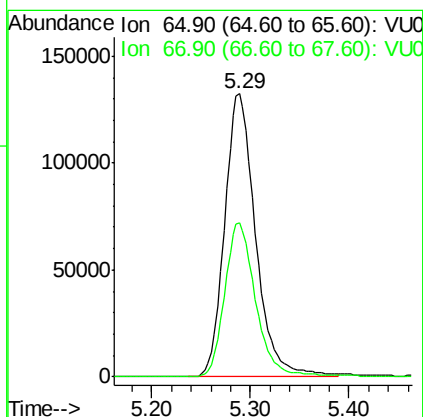
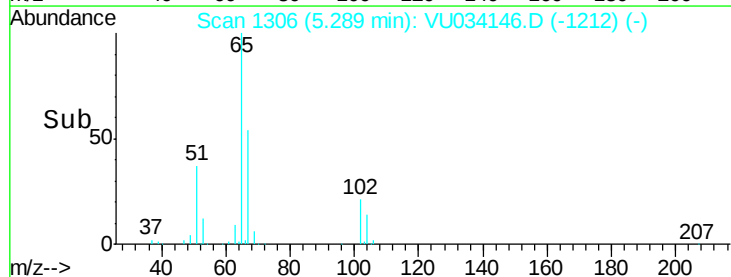
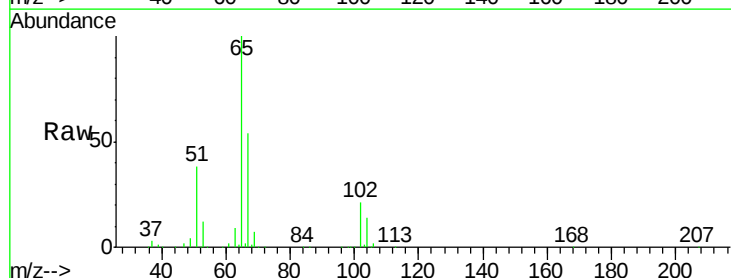
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(0)

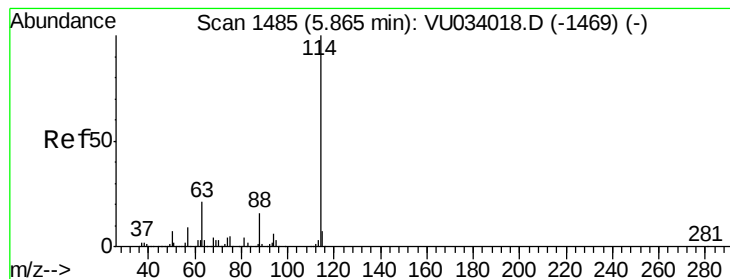
Tot Ion: 84 Resp: 11355
Ion Ratio Lower Upper
84 100
49 132.9 100.2 150.4
51 42.9 30.8 46.2
86 61.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.171 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034146.D
Acq: 01 Sep 2019 01:23

Tgt Ion: 65 Resp: 290906
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034146.D

Acq: 01 Sep 2019 01:23

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F3-(0)

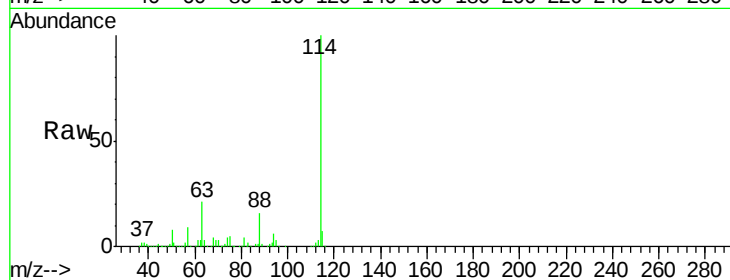
Tot Ion:114 Resp: 741851

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.0

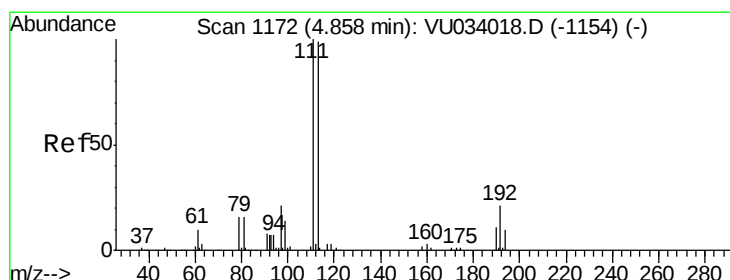
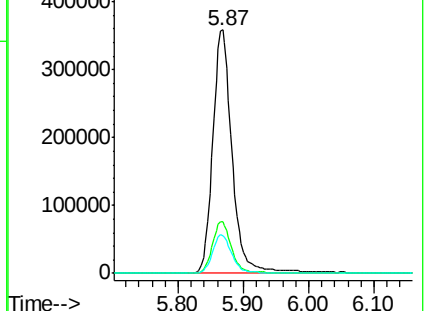
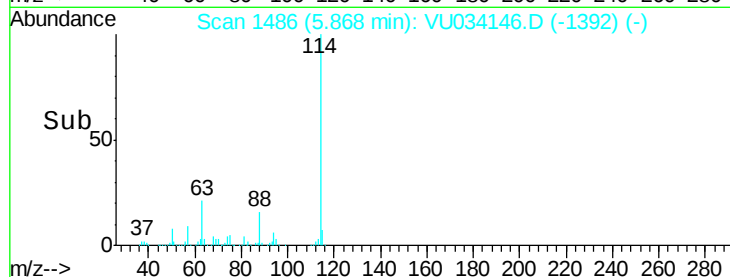
88 15.7 0.0 32.0



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: 47.023 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034146.D

Acq: 01 Sep 2019 01:23

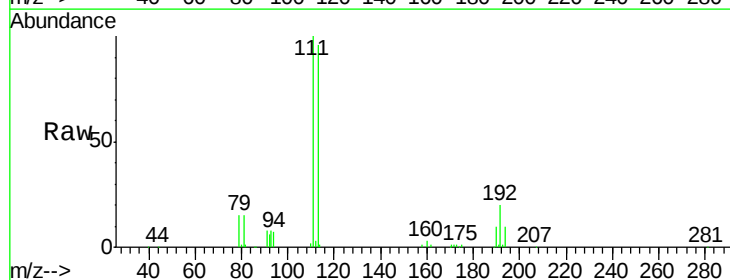
Tgt Ion:113 Resp: 241955

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

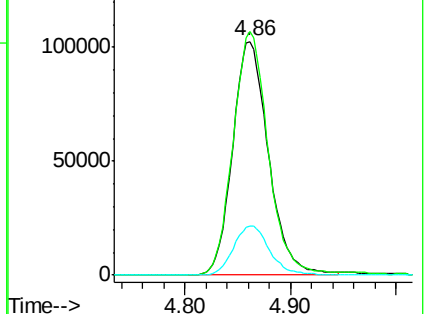
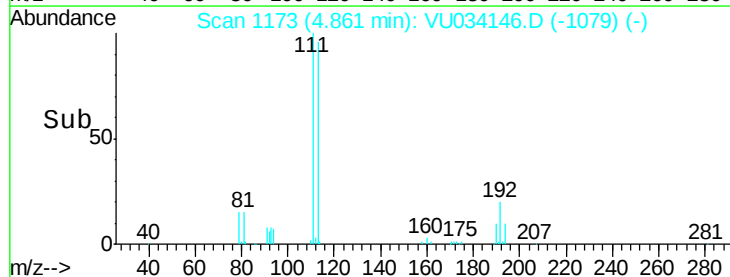
192 21.2 17.1 25.7

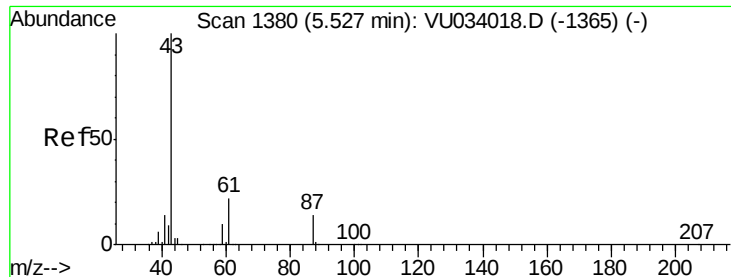


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.000 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034146.D

Acq: 01 Sep 2019 01:23

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(0)

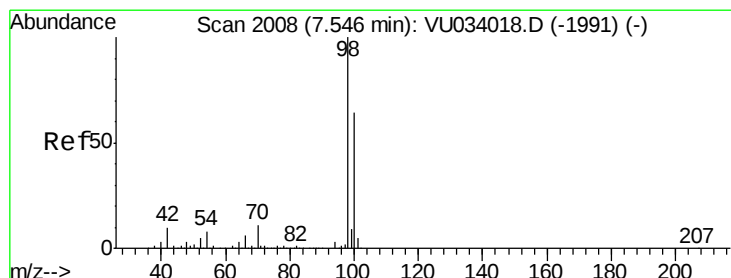
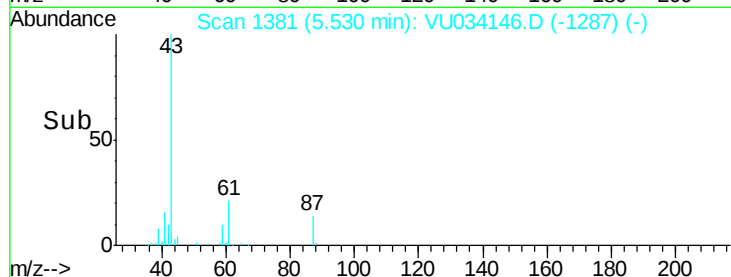
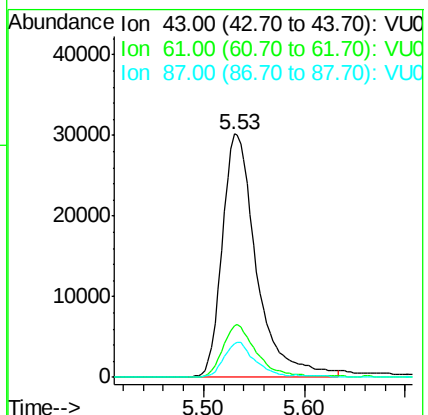
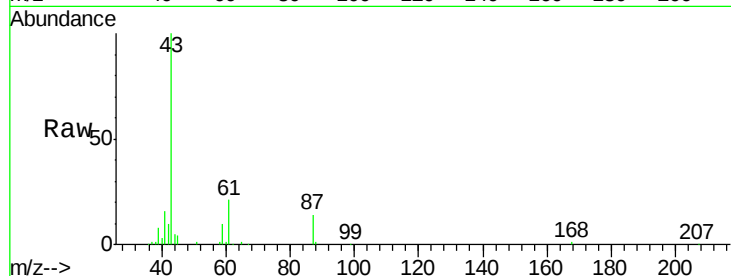
Tot Ion: 43 Resp: 71722

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

87 13.0 10.8 16.2



#50

Toluene-d8

Concen: 49.570 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034146.D

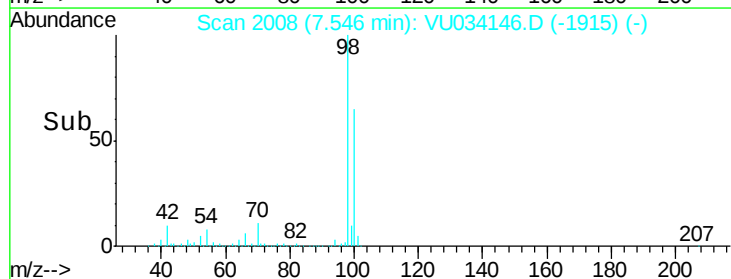
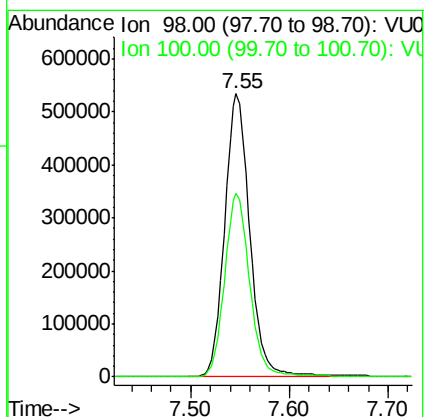
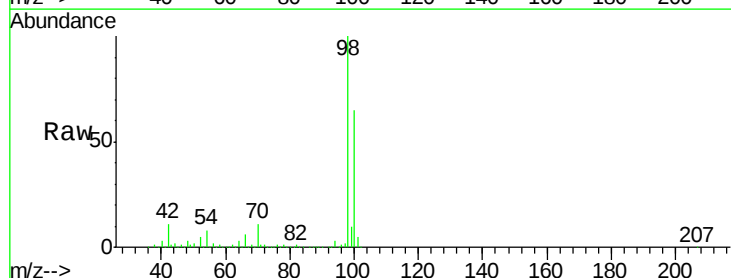
Acq: 01 Sep 2019 01:23

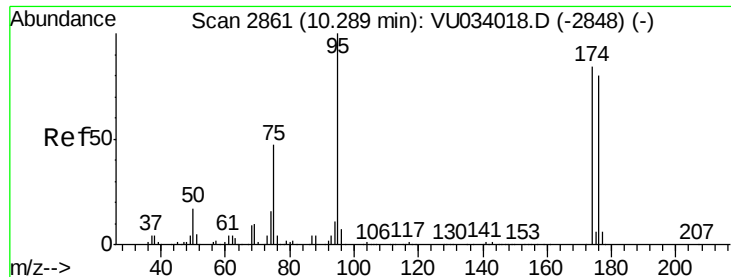
Tgt Ion: 98 Resp: 955030

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5

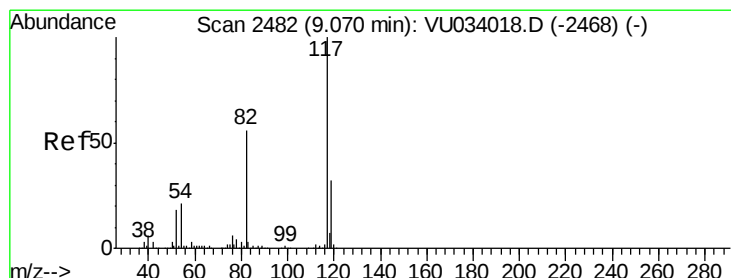
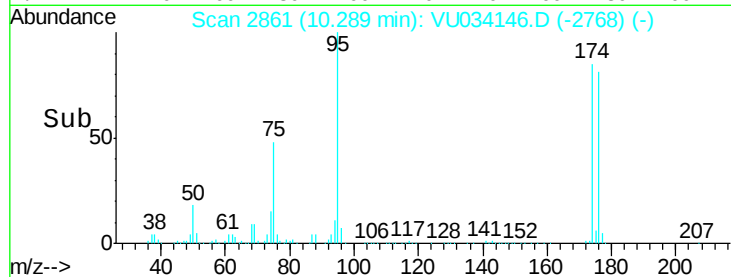
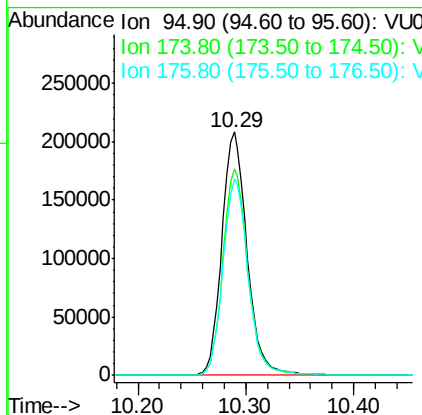
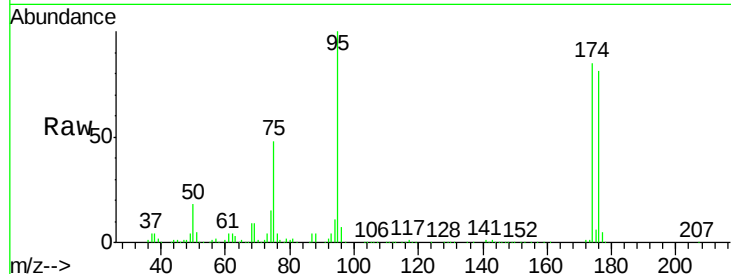




#62
4-Bromofluorobenzene
Concen: 45.226 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034146.D
Acq: 01 Sep 2019 01:23

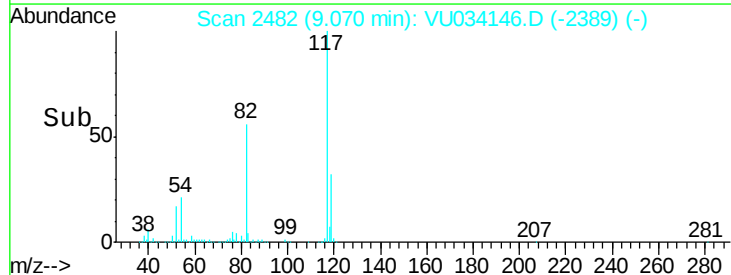
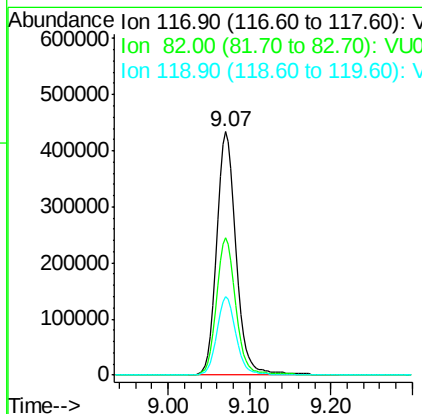
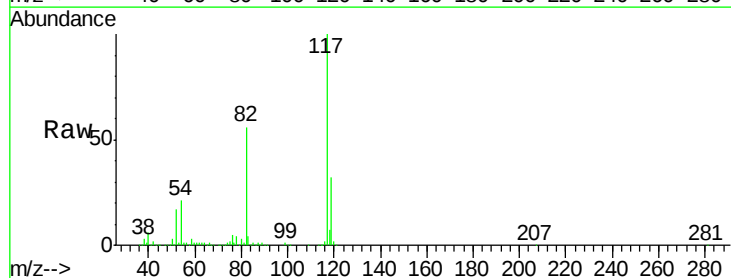
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(0)

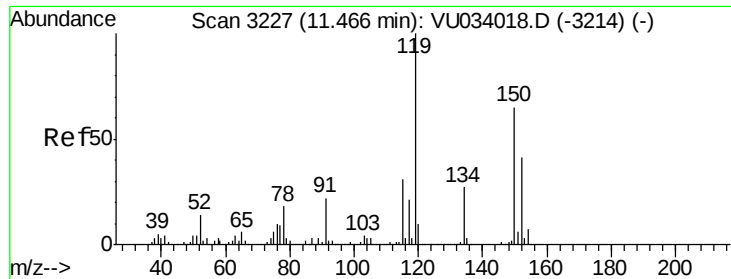
Tot Ion	95	Resp	338940
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	168.8
176	81.0	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034146.D
Acq: 01 Sep 2019 01:23

Tgt Ion	117	Resp	734605
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.1	67.7
119	32.3	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: VU034146.D
 Acq: 01 Sep 2019 01:23

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F3-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	41.1	123.3
150	156.2	0.0	348.8

