

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034450.D
 Acq On : 10 Sep 2019 14:48
 Operator : JC/SP
 Sample : K4602-38
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D1-(3.11)

Quant Time: Sep 11 06:47:46 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

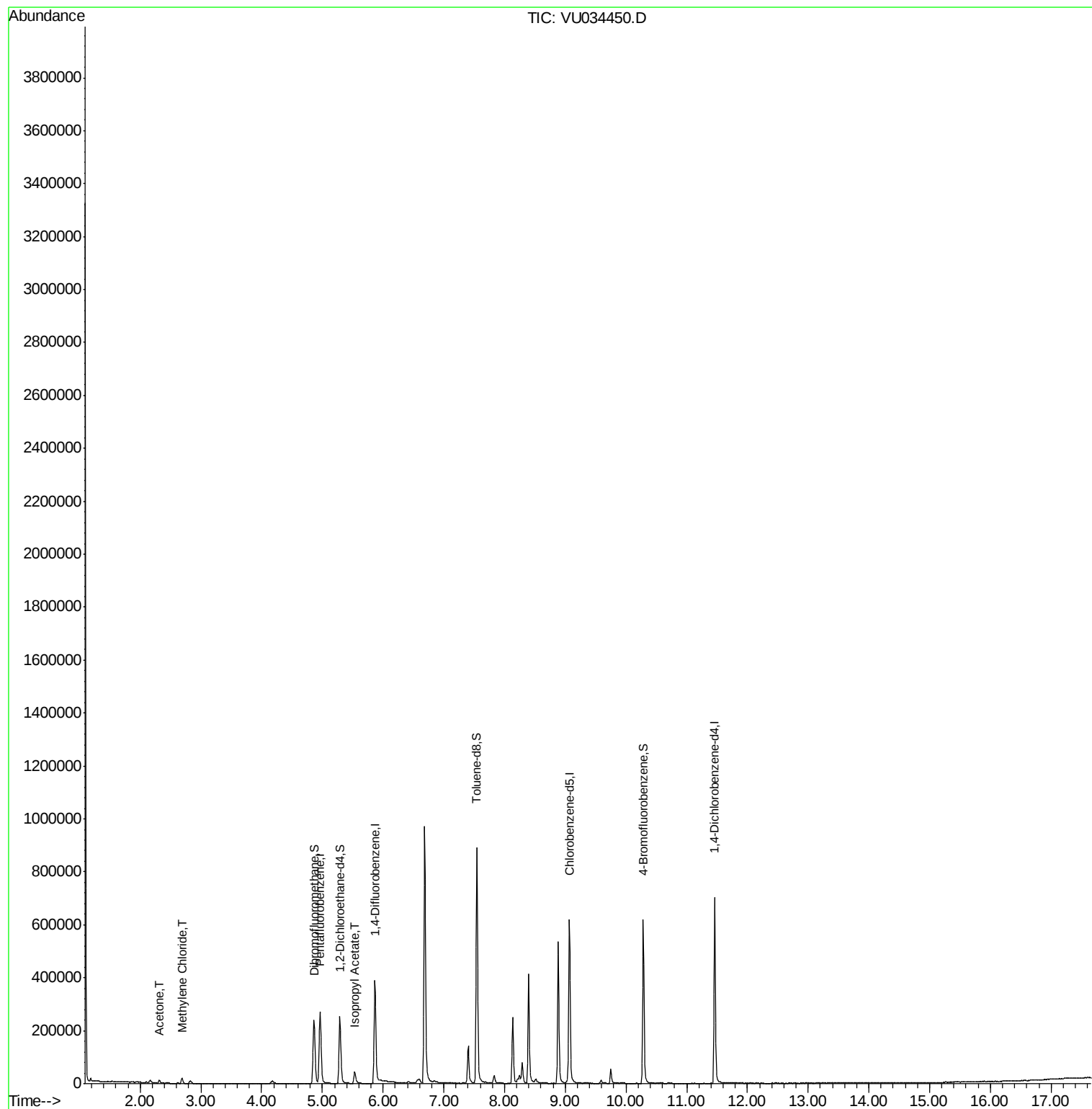
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	224033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	352042	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	375611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	204336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	198048	58.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.86%	
35) Dibromofluoromethane	4.86	113	172340	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
50) Toluene-d8	7.55	98	623391	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	10.29	95	213272	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	2.31	43	12792	7.292	ug/l	99
20) Methylene Chloride	2.69	84	10023	3.114	ug/l	95
43) Isopropyl Acetate	5.53	43	51999	7.384	ug/l	99

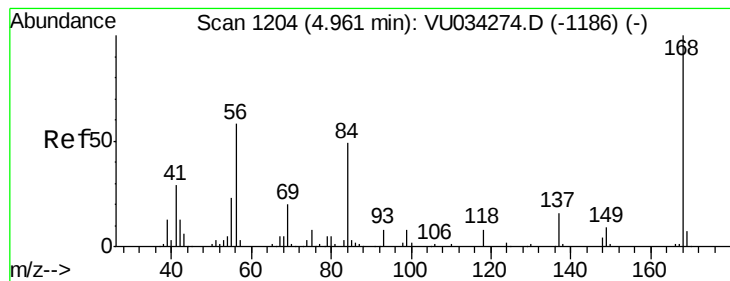
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034450.D

Acq: 10 Sep 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

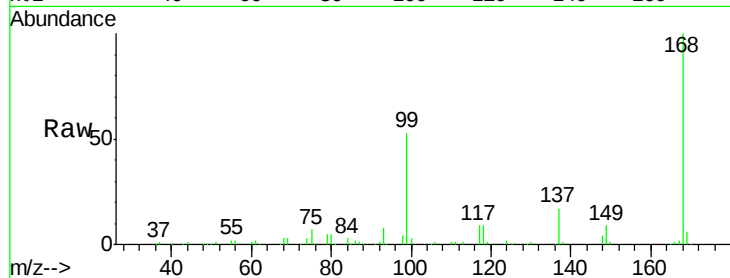
PAR-D1-(3.11)

Tot Ion:168 Resp: 224033

Ion Ratio Lower Upper

168 100

99 53.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034450.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034450.D (-1186) (-)

4.96

100000

80000

60000

40000

20000

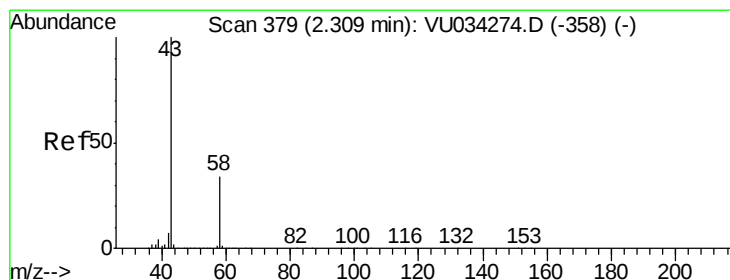
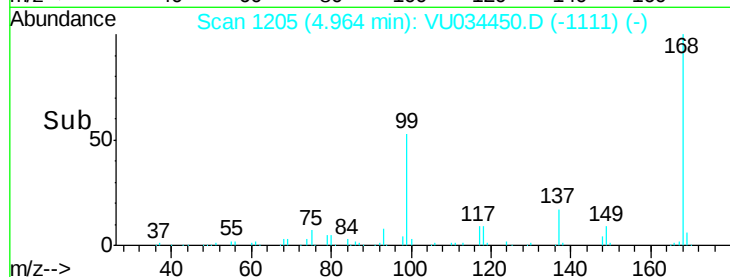
0

Time-->

4.90

5.00

5.10



#16

Acetone

Concen: 7.292 ug/l

RT: 2.31 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034450.D

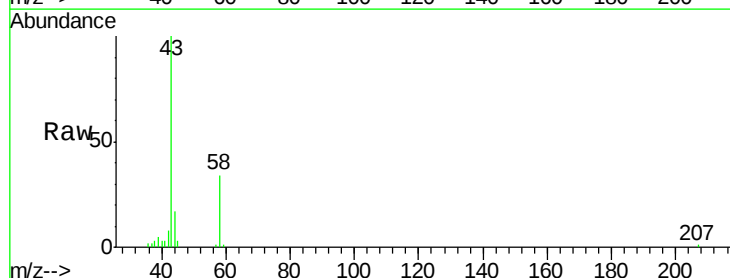
Acq: 10 Sep 2019 14:48

Tgt Ion: 43 Resp: 12792

Ion Ratio Lower Upper

43 100

58 34.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034450.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034450.D (-286) (-)

2.31

8000

6000

4000

2000

0

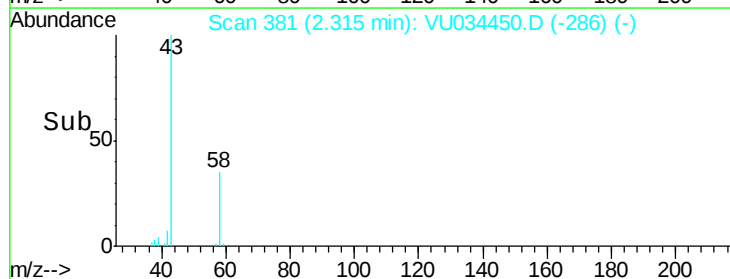
Time-->

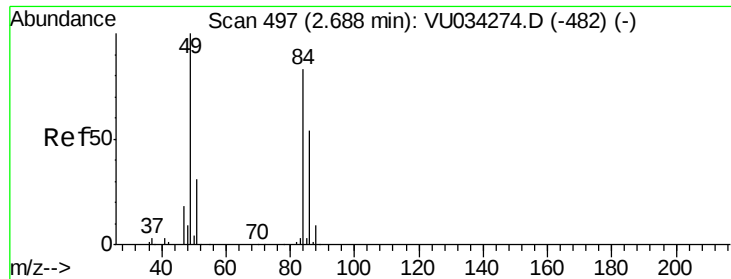
2.25

2.30

2.35

2.40

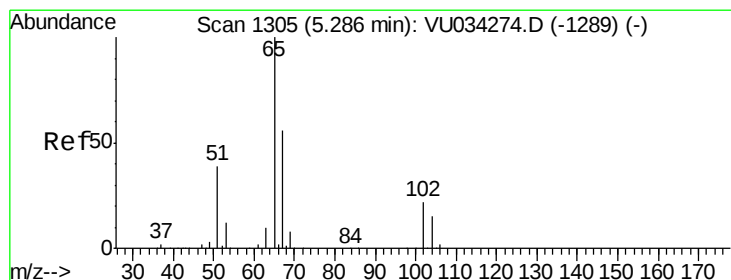
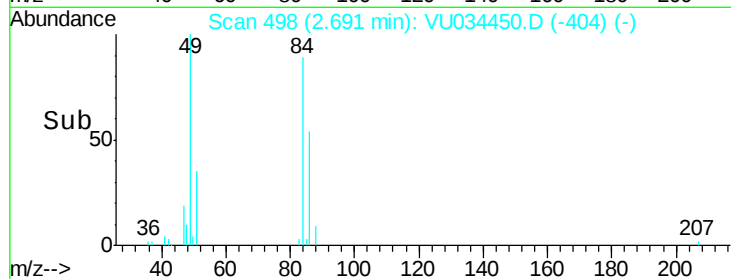
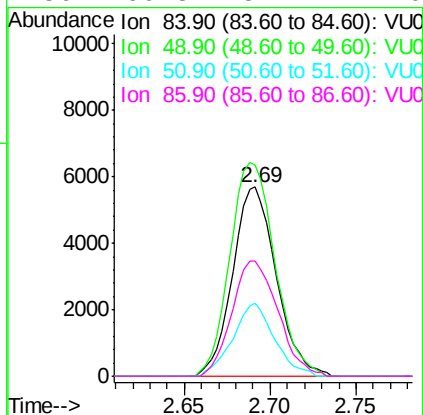
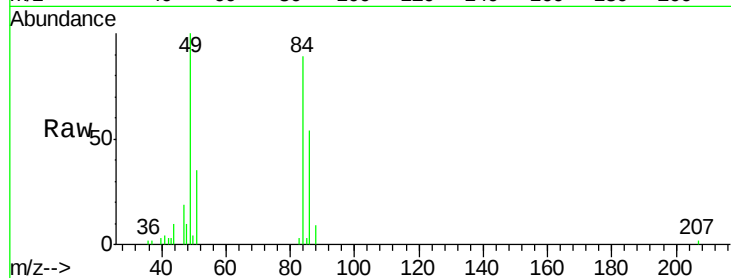




#20
Methvlene Chloride
Concen: 3.114 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034450.D
Acq: 10 Sep 2019 14:48

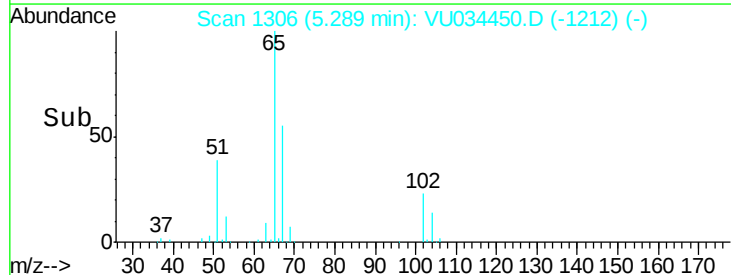
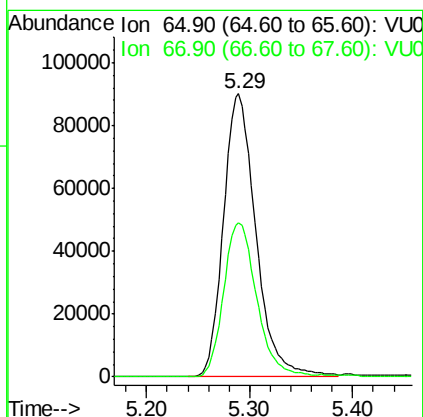
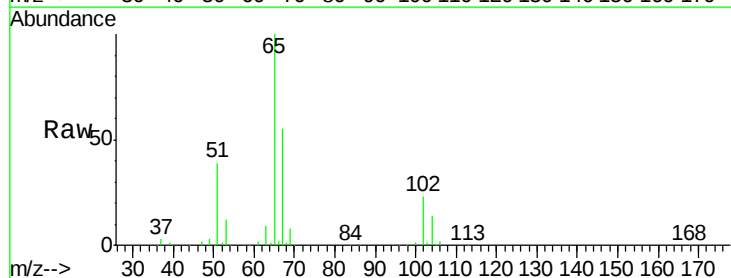
Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(3.11)

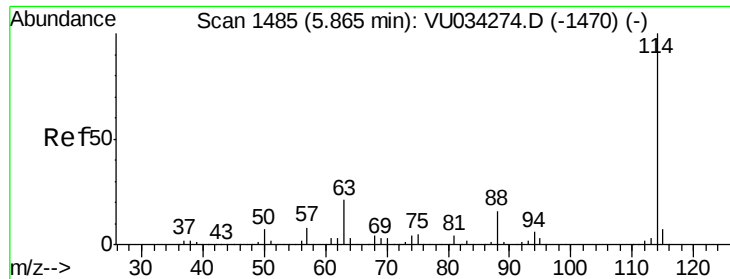
Tot Ion: 84 Resp: 10023
Ion Ratio Lower Upper
84 100
49 112.1 96.0 144.0
51 38.8 30.0 45.0
86 60.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 58.427 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034450.D
Acq: 10 Sep 2019 14:48

Tgt Ion: 65 Resp: 198048
Ion Ratio Lower Upper
65 100
67 55.4 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034450.D

Acq: 10 Sep 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(3.11)

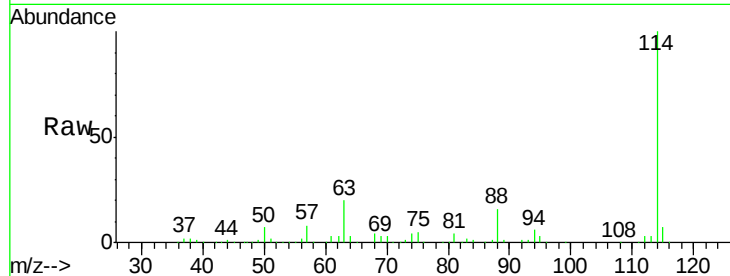
Tot Ion:114 Resp: 352042

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

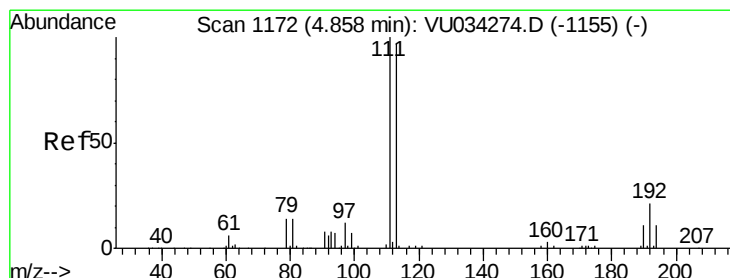
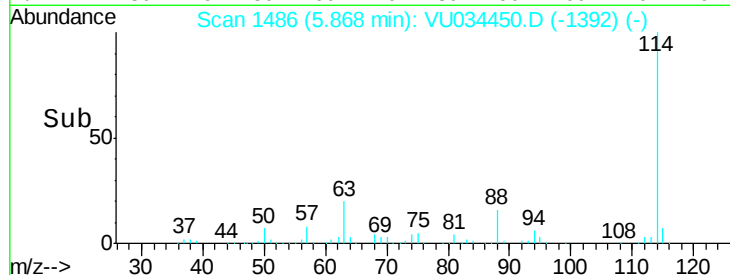
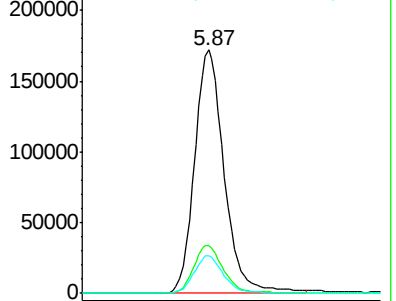
88 15.5 0.0 32.4



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: 52.611 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034450.D

Acq: 10 Sep 2019 14:48

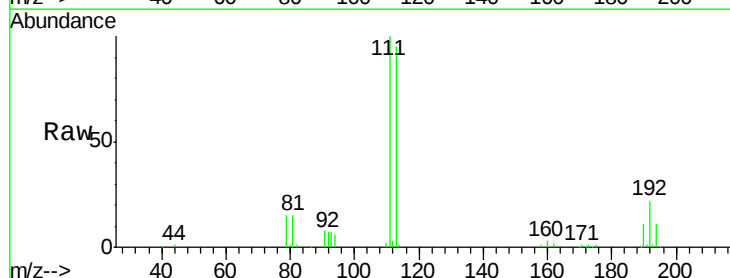
Tgt Ion:113 Resp: 172340

Ion Ratio Lower Upper

113 100

111 104.0 81.5 122.3

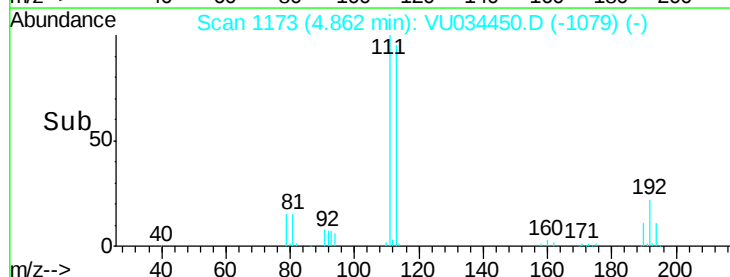
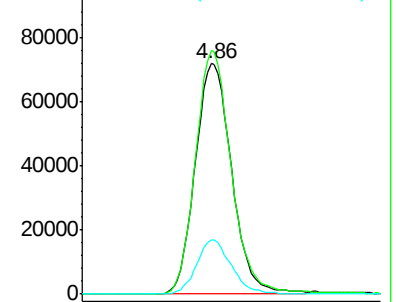
192 22.6 17.8 26.8

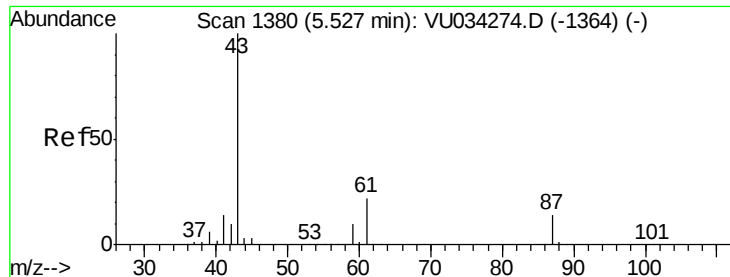


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.384 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034450.D

Acq: 10 Sep 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(3.11)

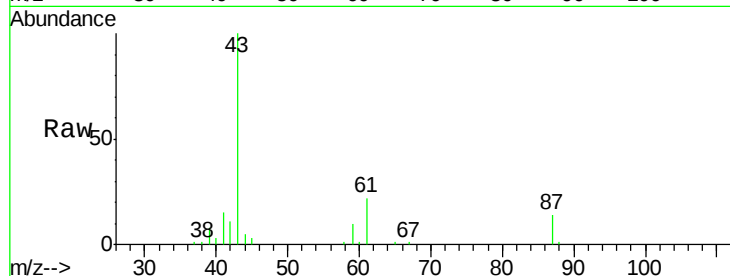
Tot Ion: 43 Resp: 51999

Ion Ratio Lower Upper

43 100

61 22.3 17.1 25.7

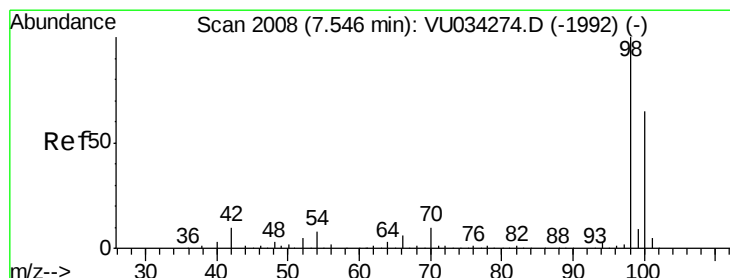
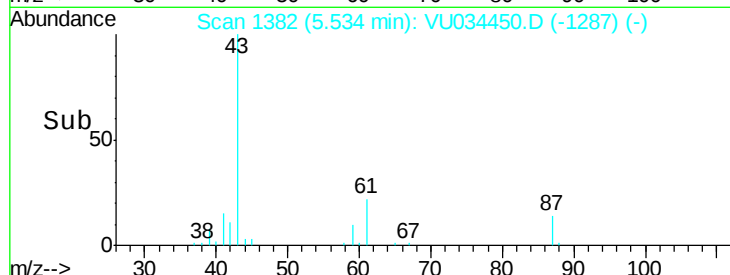
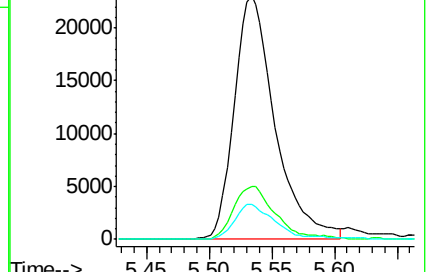
87 14.0 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034450.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034450.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034450.D (-1287) (-)



#50

Toluene-d8

Concen: 50.653 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034450.D

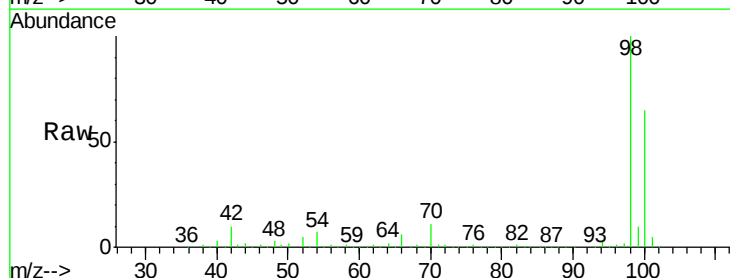
Acq: 10 Sep 2019 14:48

Tgt Ion: 98 Resp: 623391

Ion Ratio Lower Upper

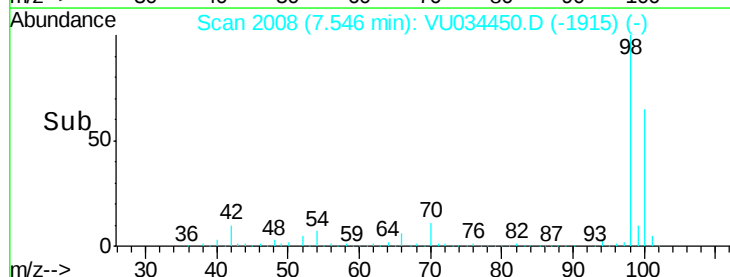
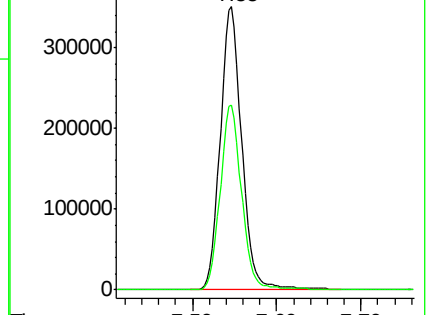
98 100

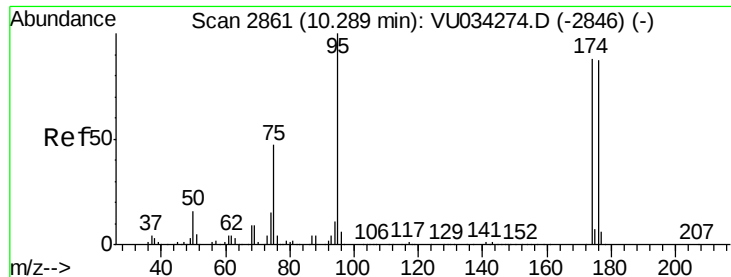
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034450.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034450.D (-1915) (-)

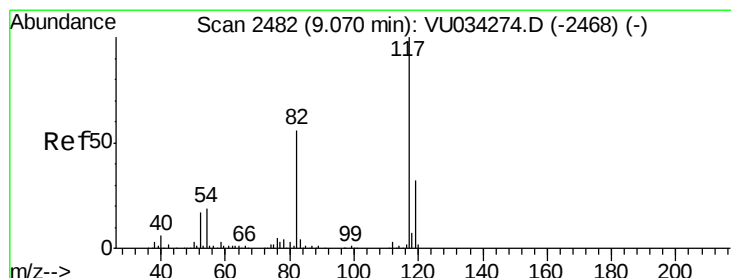
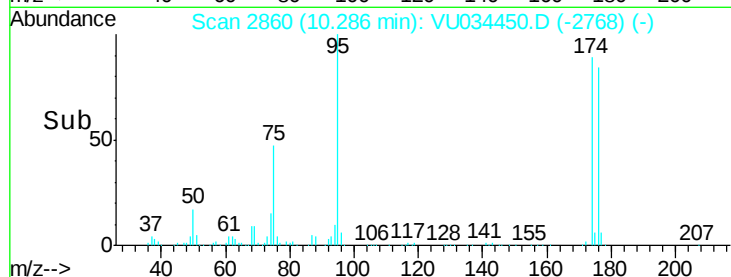
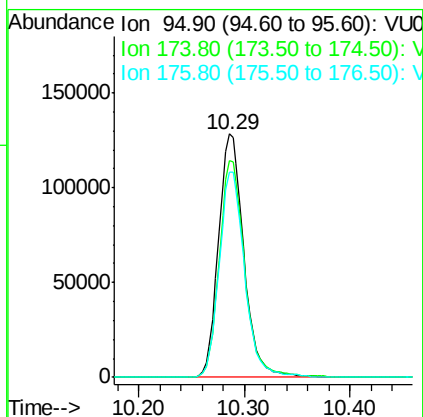
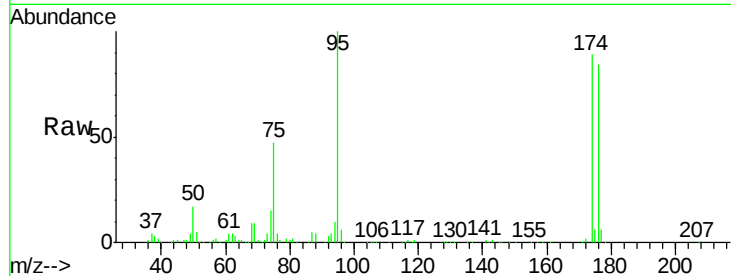




#62
4-Bromofluorobenzene
Concen: 44.883 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034450.D
Acq: 10 Sep 2019 14:48

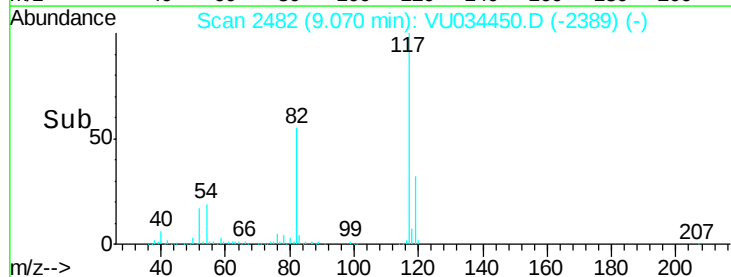
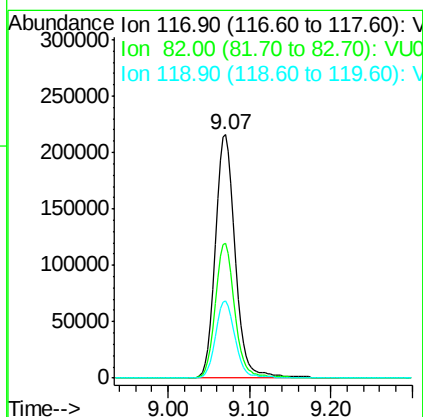
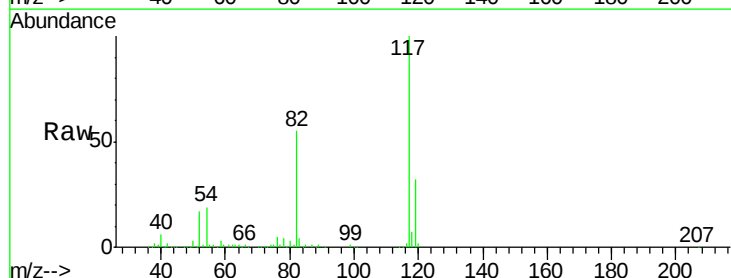
Instrument :
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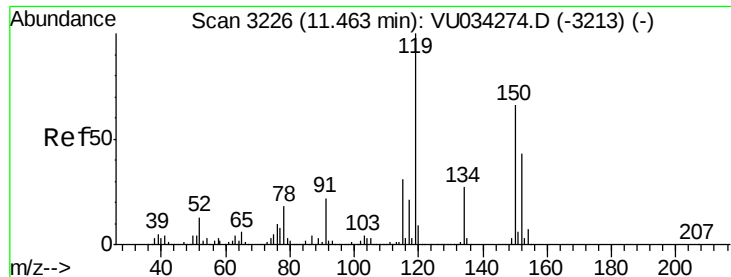
Tot Ion: 95 Resp: 213272
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.2
176 84.8 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034450.D
Acq: 10 Sep 2019 14:48

Tgt Ion: 117 Resp: 375611
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 31.7 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: VU034450.D
 Acq: 10 Sep 2019 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D1-(3.11)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.1	117.3
150	155.4	0.0	345.4

