

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034457.D
 Acq On : 10 Sep 2019 17:30
 Operator : JC/SP
 Sample : K4602-36
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D3-(0)

Quant Time: Sep 11 07:01:29 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

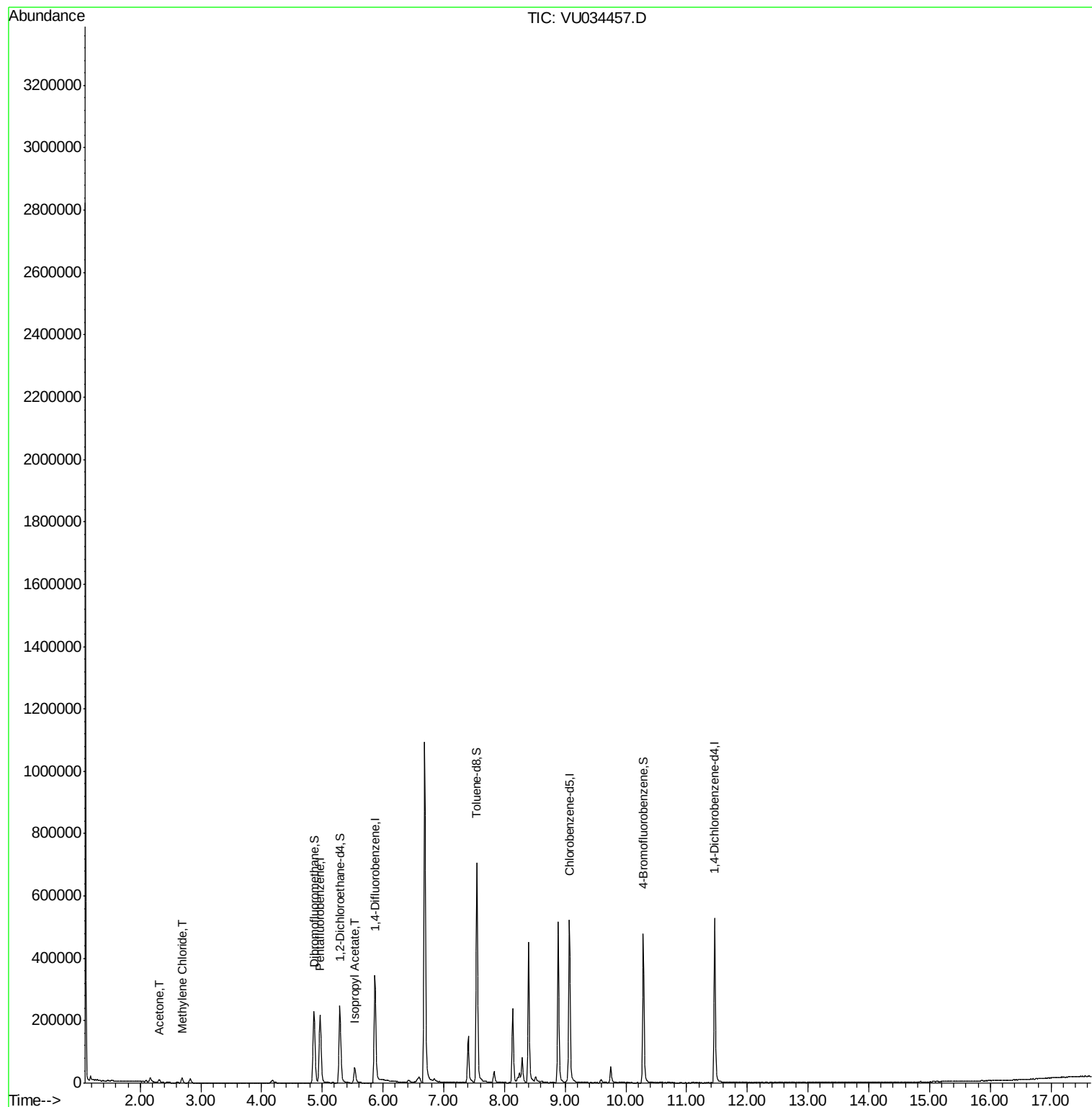
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	183331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	305288	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	314590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	152615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	195214	70.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.76%	
35) Dibromofluoromethane	4.86	113	165711	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
50) Toluene-d8	7.55	98	502254	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	10.29	95	166267	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.70%	
Target Compounds						
16) Acetone	2.31	43	11495	8.008	ug/l	98
20) Methylene Chloride	2.69	84	7244	2.703	ug/l	93
43) Isopropyl Acetate	5.53	43	58563	9.590	ug/l	99

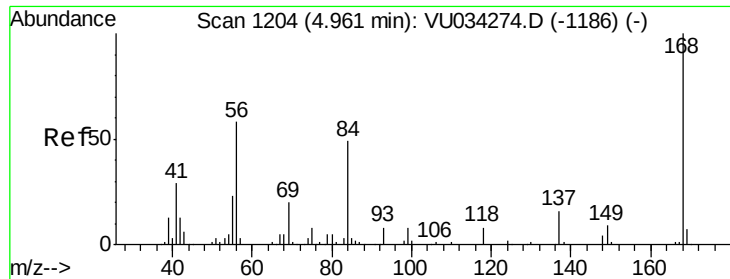
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034457.D

Acq: 10 Sep 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

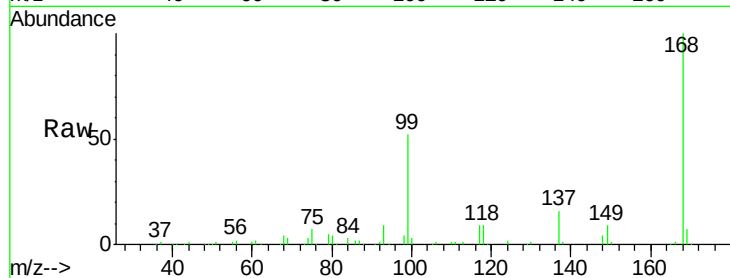
PAR-D3-(0)

Tot Ion:168 Resp: 183331

Ion Ratio Lower Upper

168 100

99 51.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034457.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034457.D (-1111) (-)

4.96

80000

60000

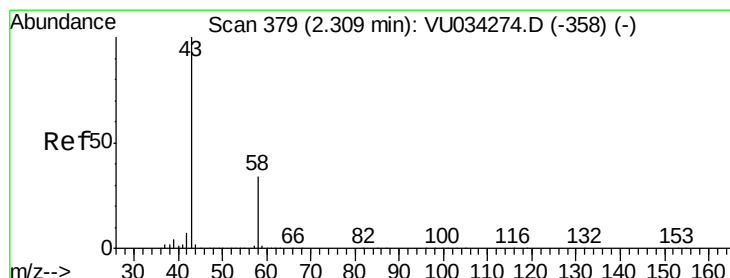
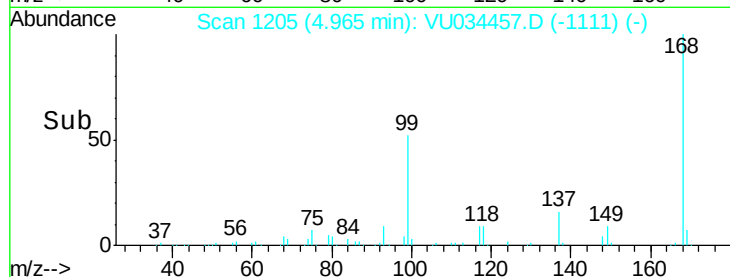
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 8.008 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034457.D

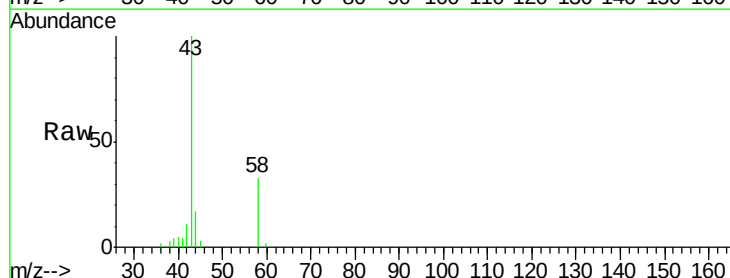
Acq: 10 Sep 2019 17:30

Tgt Ion: 43 Resp: 11495

Ion Ratio Lower Upper

43 100

58 33.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034457.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034457.D (-286) (-)

2.31

8000

6000

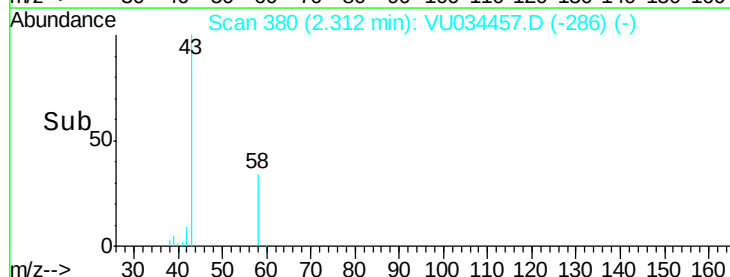
4000

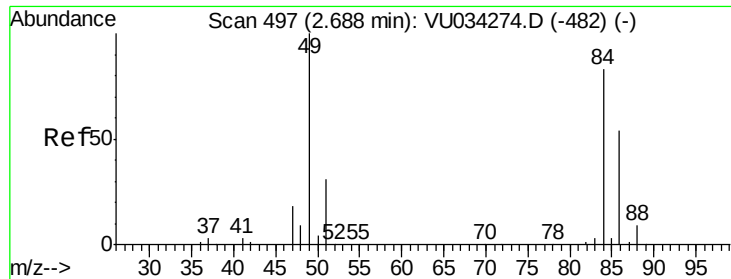
2000

0

Time-->

2.25 2.30 2.35 2.40



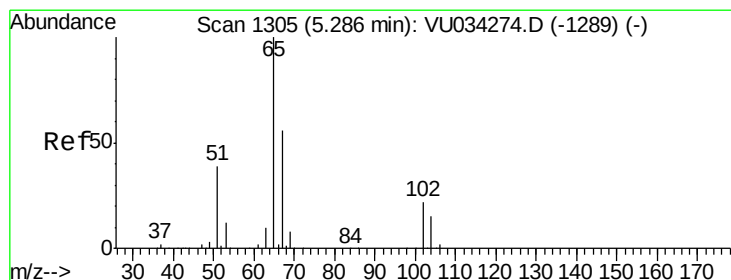
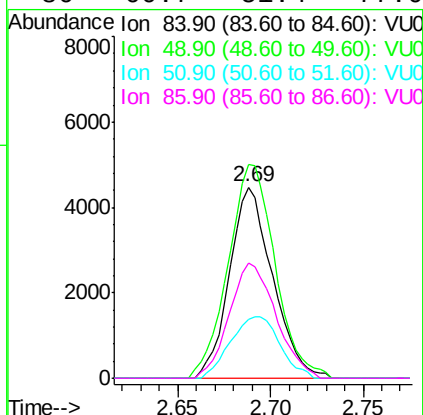
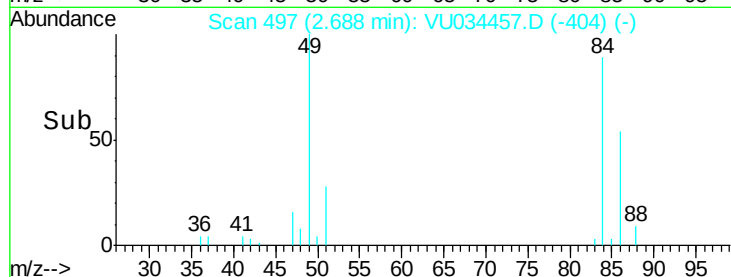
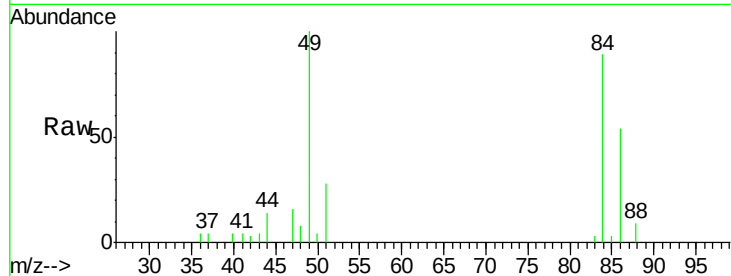


#20
Methvlene Chloride
Concen: 2.703 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034457.D
Acq: 10 Sep 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
PAR-D3-(0)

Tot Ion: 84 Resp: 7244

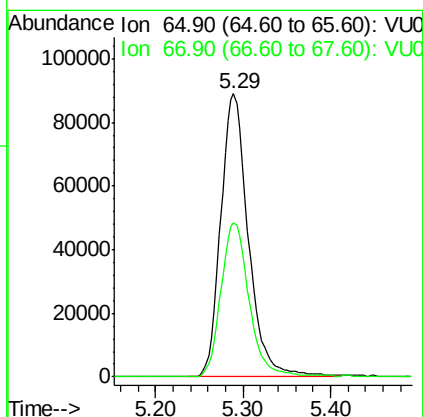
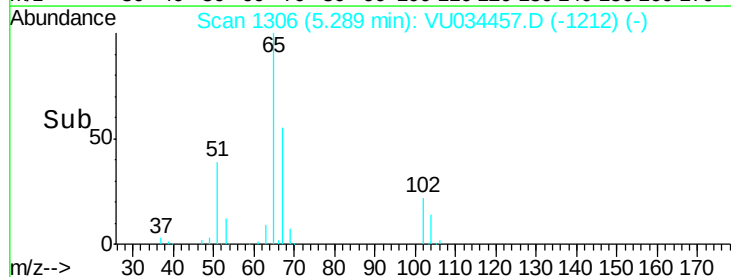
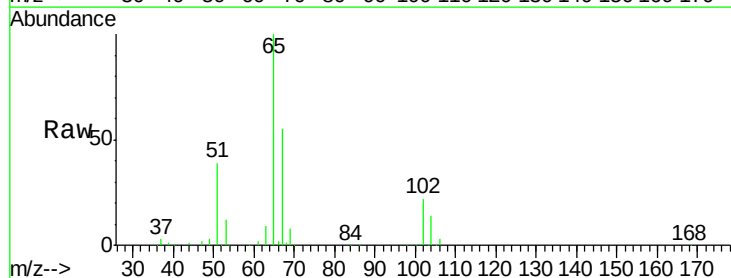
Ion	Ratio	Lower	Upper
84	100		
49	112.0	96.0	144.0
51	31.1	30.0	45.0
86	60.7	51.4	77.0

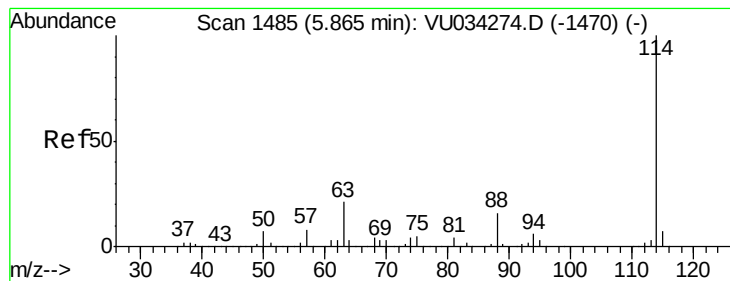


#33
1,2-Dichloroethane-d4
Concen: 70.376 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034457.D
Acq: 10 Sep 2019 17:30

Tgt Ion: 65 Resp: 195214

Ion	Ratio	Lower	Upper
65	100		
67	55.6	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: VU034457.D

Acq: 10 Sep 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

PAR-D3-(0)

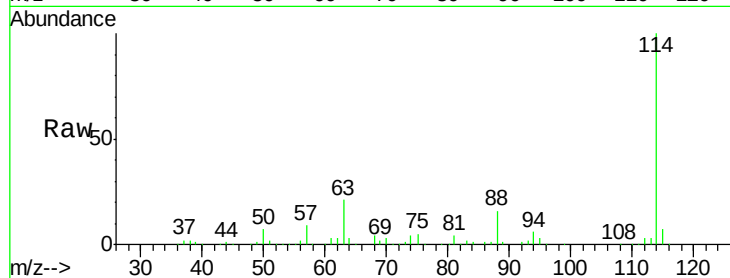
Tot Ion:114 Resp: 305288

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

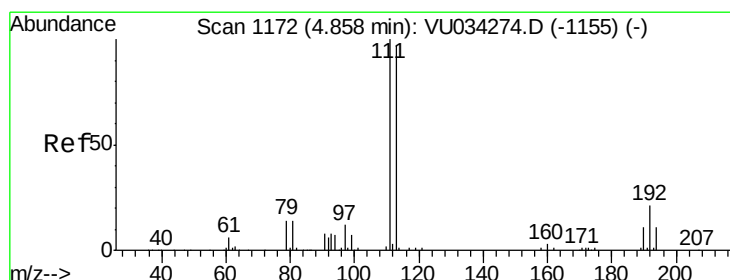
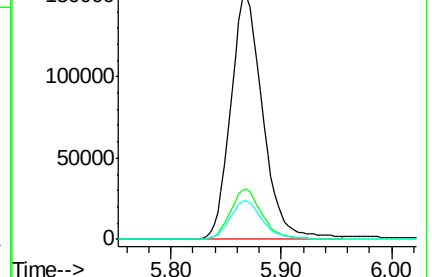
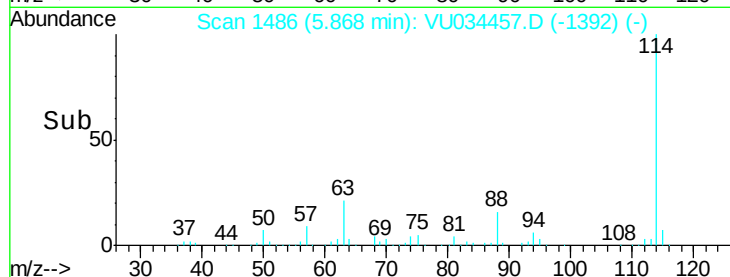
88 15.7 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 58.334 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034457.D

Acq: 10 Sep 2019 17:30

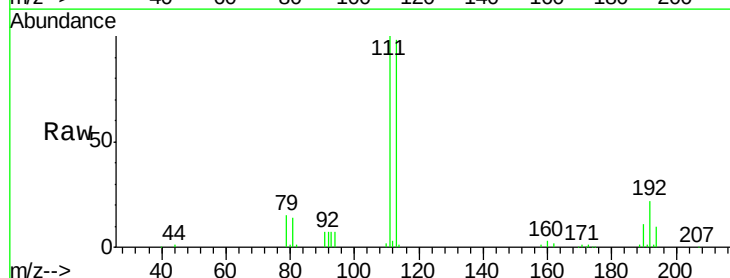
Tgt Ion:113 Resp: 165711

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

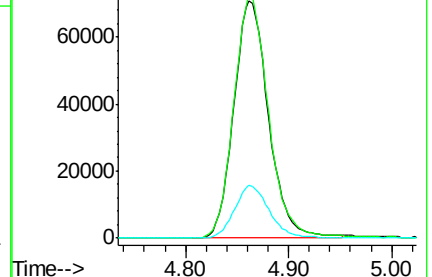
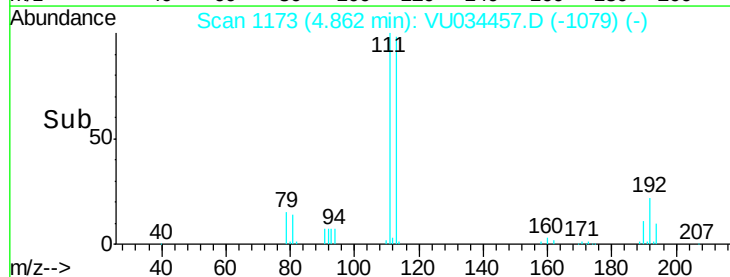
192 22.1 17.8 26.8

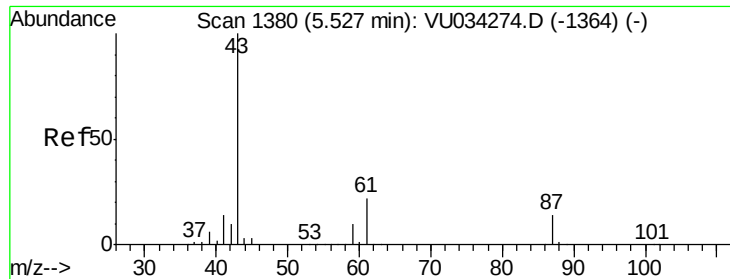


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.590 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034457.D

Acq: 10 Sep 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

PAR-D3-(0)

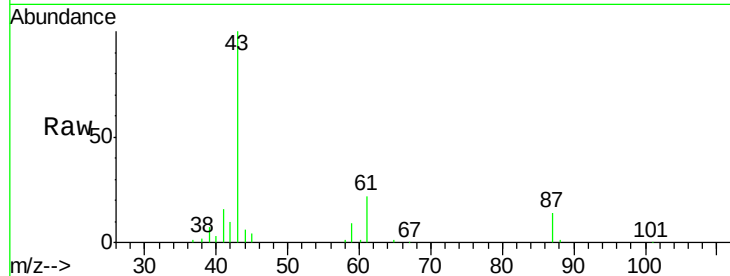
Tot Ion: 43 Resp: 58563

Ion Ratio Lower Upper

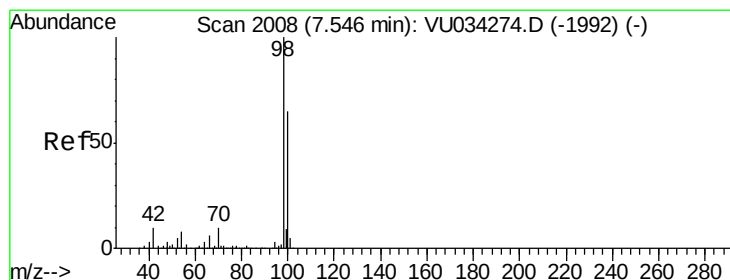
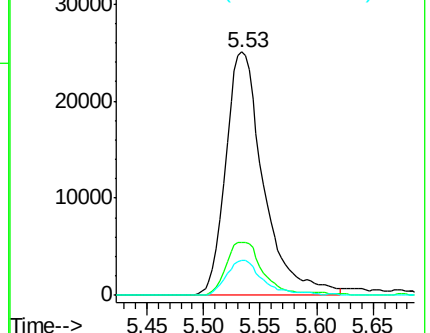
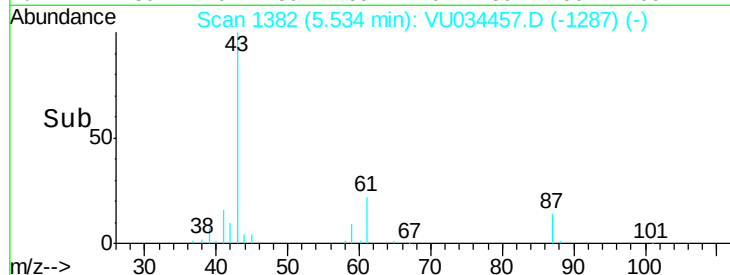
43 100

61 20.9 17.1 25.7

87 13.4 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034457.D (-1287) (-)



#50

Toluene-d8

Concen: 47.060 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034457.D

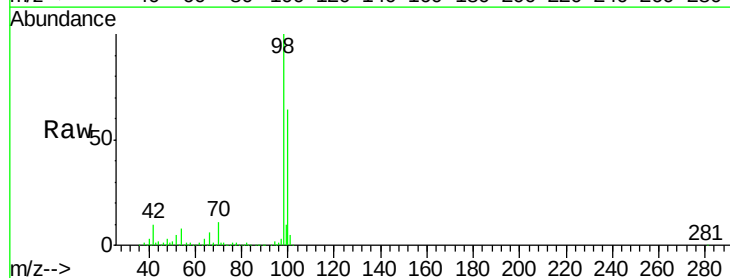
Acq: 10 Sep 2019 17:30

Tgt Ion: 98 Resp: 502254

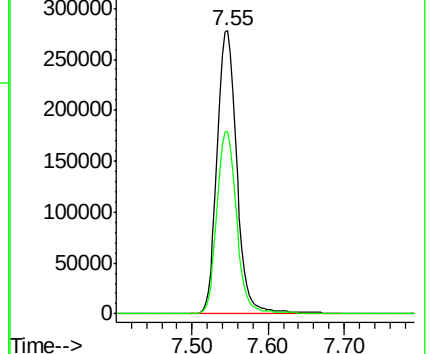
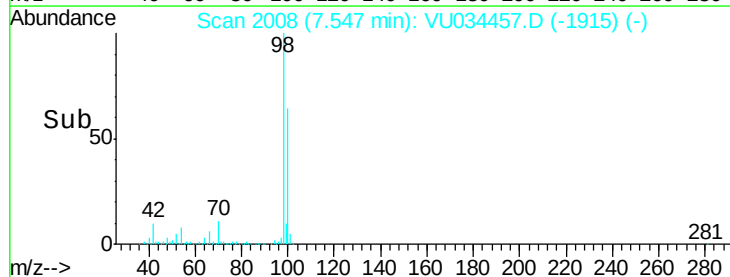
Ion Ratio Lower Upper

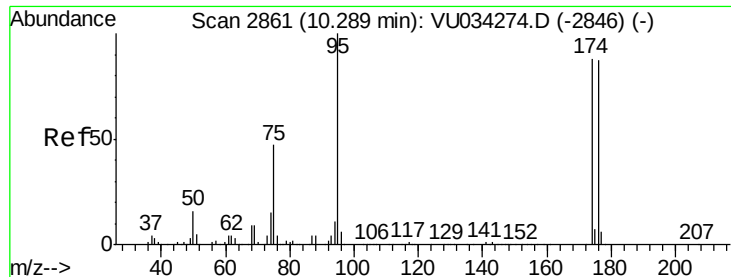
98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034457.D (-1915) (-)

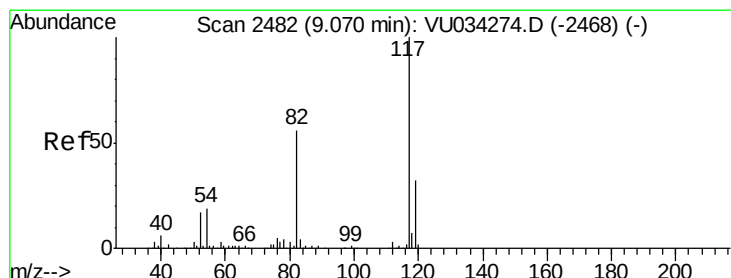
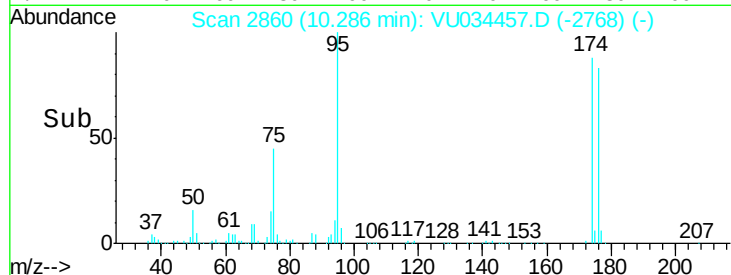
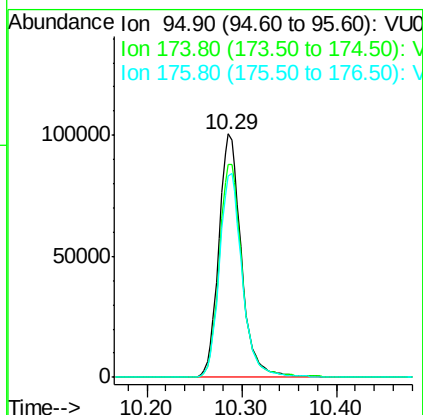
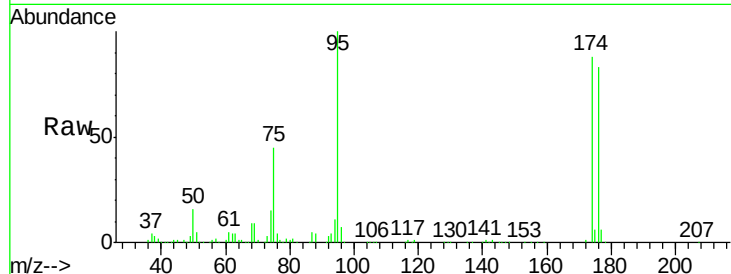




#62
4-Bromofluorobenzene
Concen: 40.350 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034457.D
Acq: 10 Sep 2019 17:30

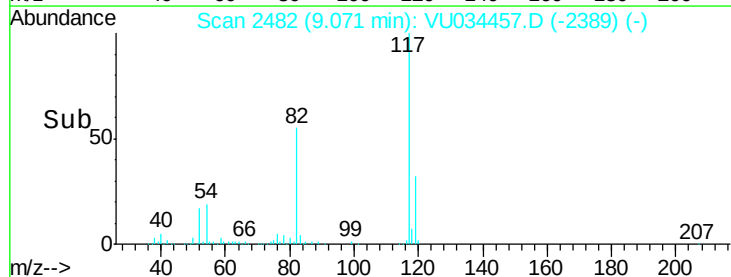
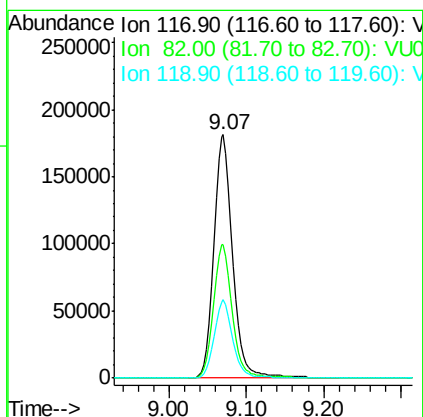
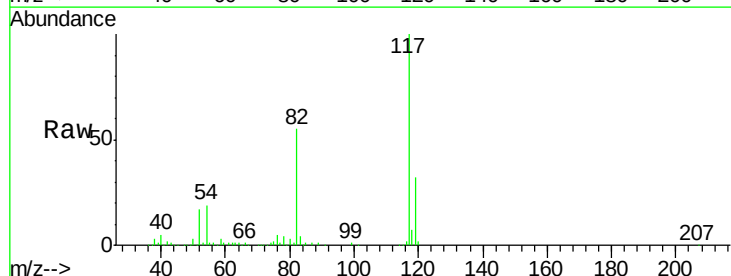
Instrument :
MSVOA_U
ClientSampleId :
PAR-D3-(0)

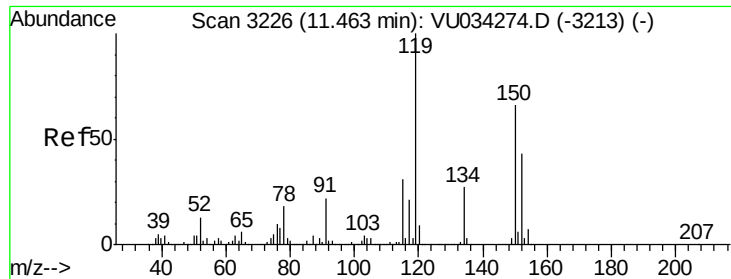
Tot Ion: 95 Resp: 166267
Ion Ratio Lower Upper
95 100
174 89.6 0.0 175.2
176 84.8 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034457.D
Acq: 10 Sep 2019 17:30

Tgt Ion: 117 Resp: 314590
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.4 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: VU034457.D

Acq: 10 Sep 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

PAR-D3-(0)

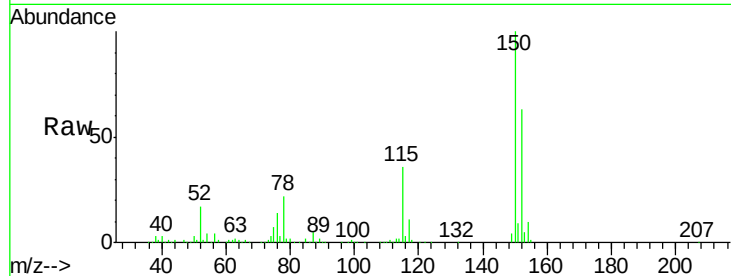
Tot Ion:152 Resp: 152615

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.3

150 157.3 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

