

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034458.D
 Acq On : 10 Sep 2019 17:53
 Operator : JC/SP
 Sample : K4603-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-E1-(0)

Quant Time: Sep 11 07:04:18 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

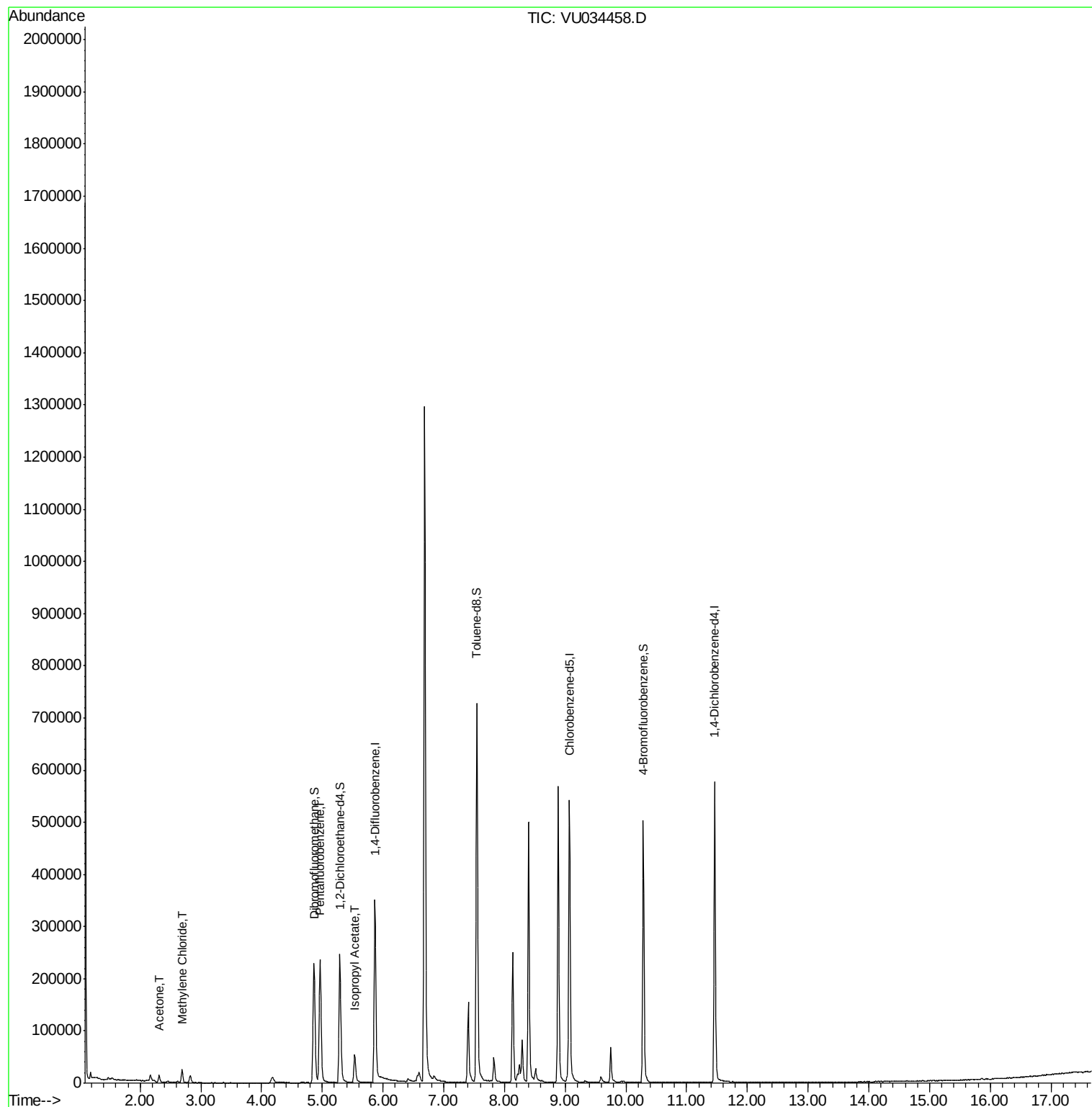
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	197438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	310904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	327620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	165568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	193845	64.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.78%	
35) Dibromofluoromethane	4.86	113	164778	56.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.92%	
50) Toluene-d8	7.55	98	521073	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	10.29	95	175347	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	
Target Compounds						
16) Acetone	2.31	43	14163	9.162	ug/l	97
20) Methylene Chloride	2.69	84	11318	4.103	ug/l	94
43) Isopropyl Acetate	5.53	43	63304	10.179	ug/l	97

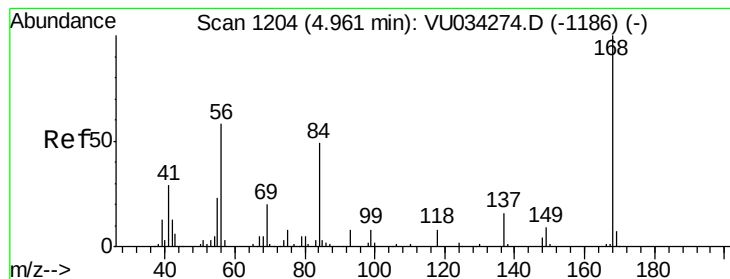
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034458.D

Acq: 10 Sep 2019 17:53

Instrument :

MSVOA_U

ClientSampleId :

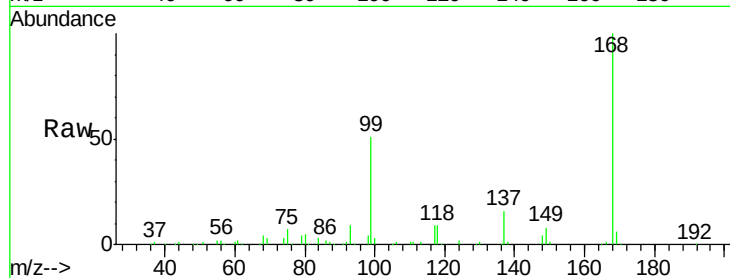
PAR-E1-(0)

Tot Ion:168 Resp: 197438

Ion Ratio Lower Upper

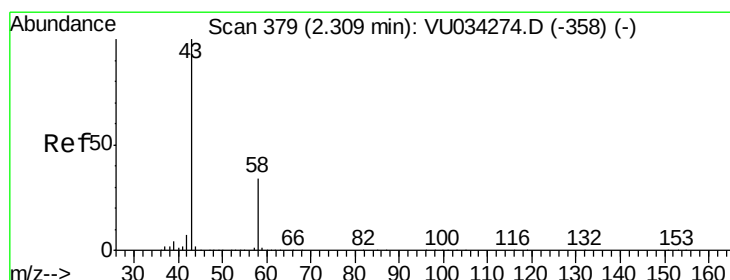
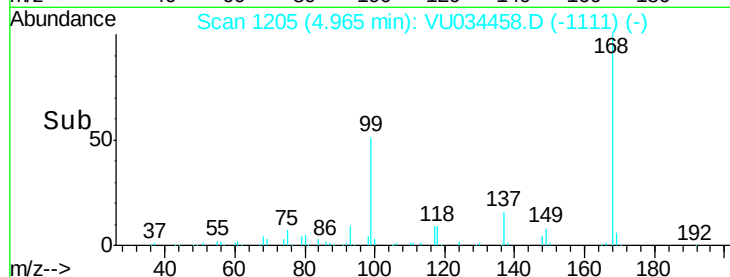
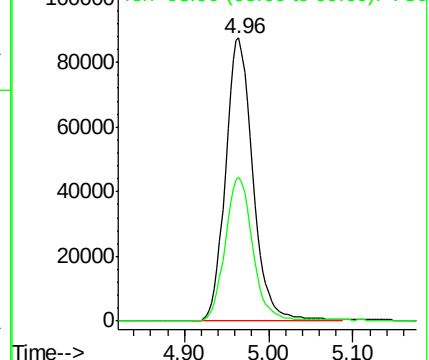
168 100

99 50.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034458.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034458.D (-1111) (-)



#16

Acetone

Concen: 9.162 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034458.D

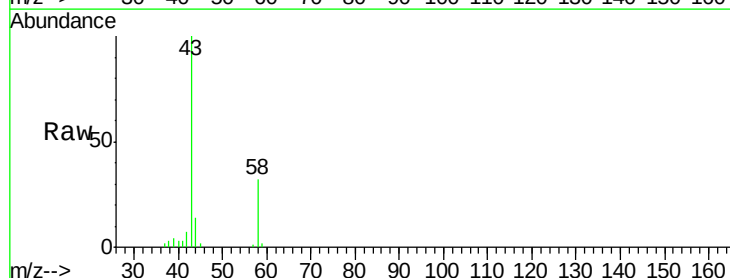
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 14163

Ion Ratio Lower Upper

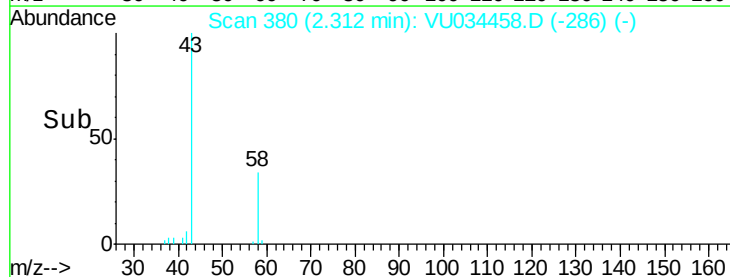
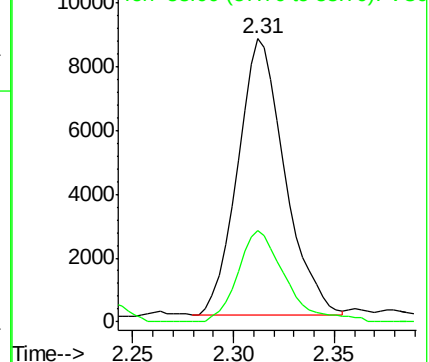
43 100

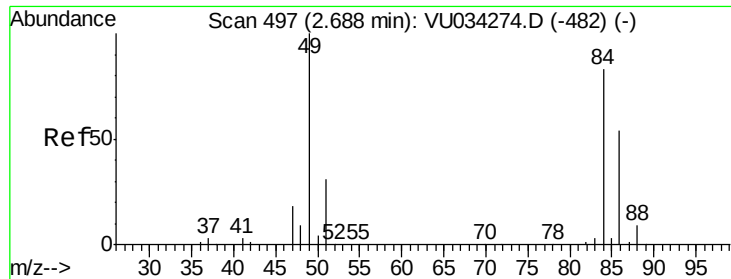
58 33.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034458.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034458.D (-286) (-)

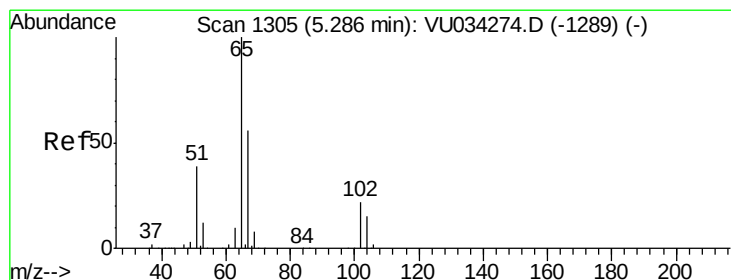
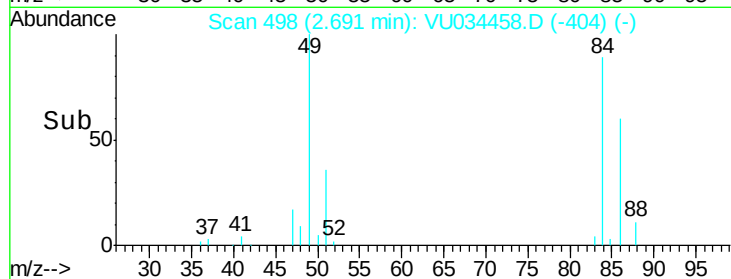
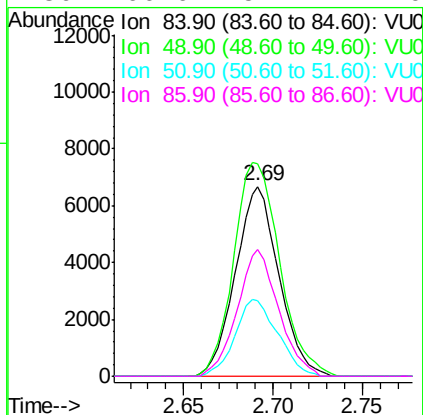
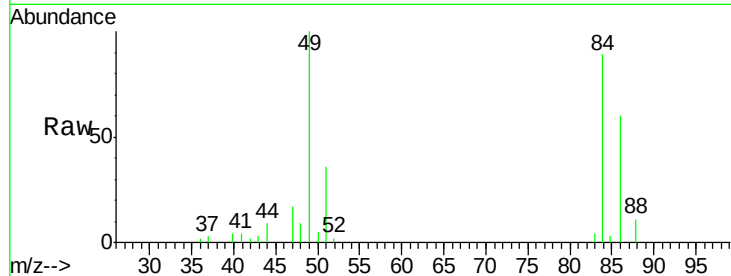




#20
Methylene Chloride
Concen: 4.103 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

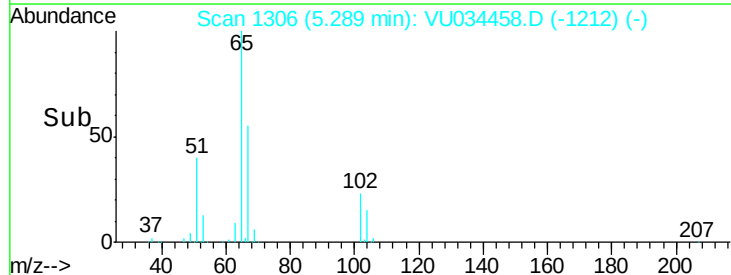
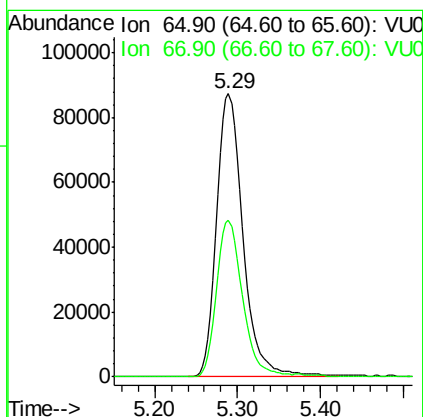
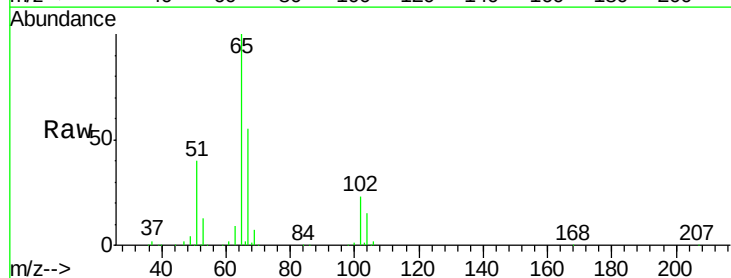
Instrument :
MSVOA_U
ClientSampled :
PAR-E1-(0)

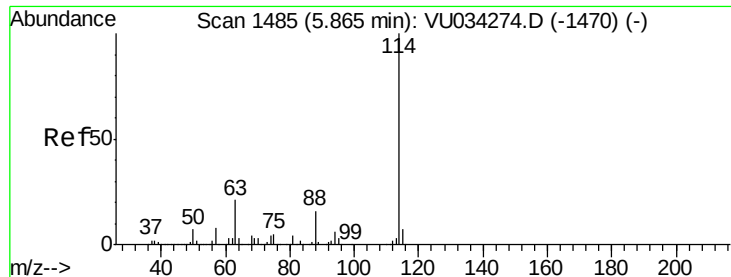
Tot Ion: 84 Resp: 11318
Ion Ratio Lower Upper
84 100
49 111.8 96.0 144.0
51 39.9 30.0 45.0
86 66.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 64.890 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 65 Resp: 193845
Ion Ratio Lower Upper
65 100
67 54.1 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: VU034458.D

Acq: 10 Sep 2019 17:53

Instrument :

MSVOA_U

ClientSampleId :

PAR-E1-(0)

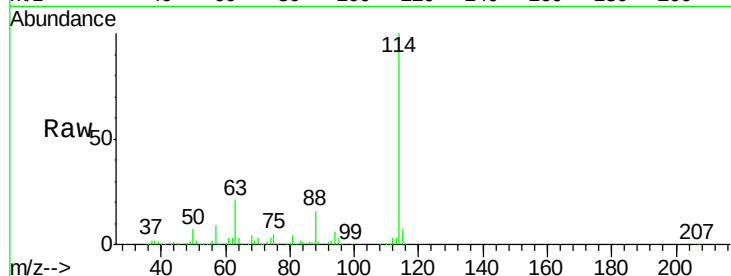
Tot Ion:114 Resp: 310904

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

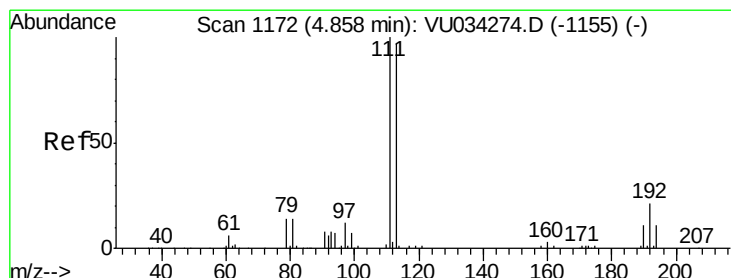
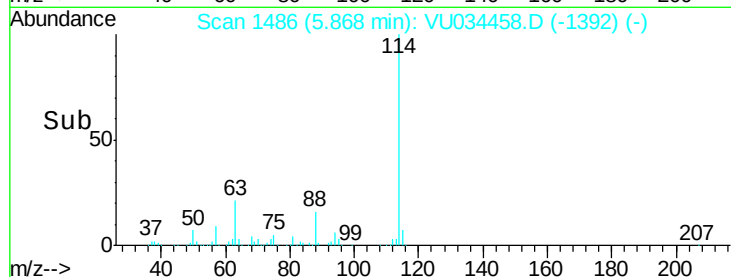
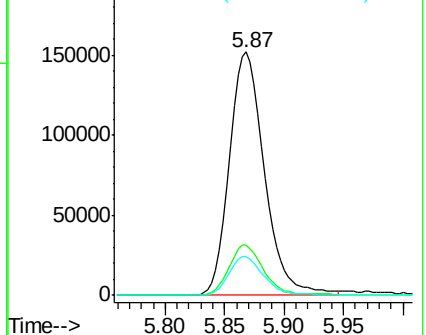
88 15.9 0.0 32.4



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: 56.958 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034458.D

Acq: 10 Sep 2019 17:53

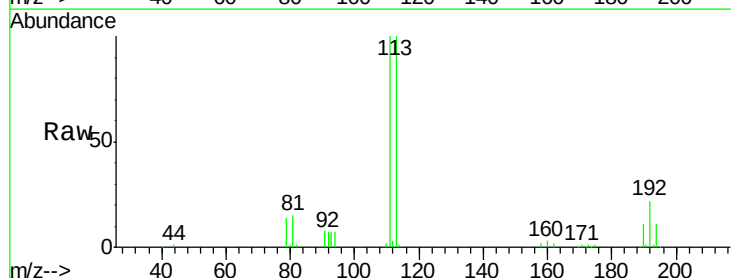
Tgt Ion:113 Resp: 164778

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

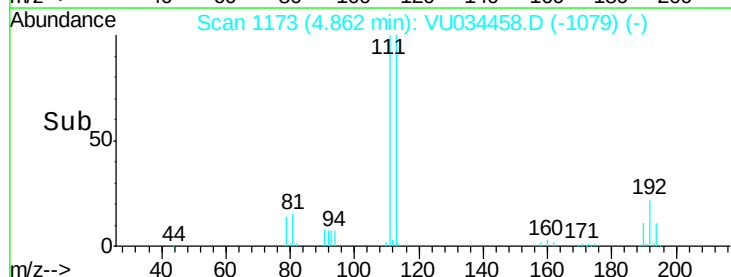
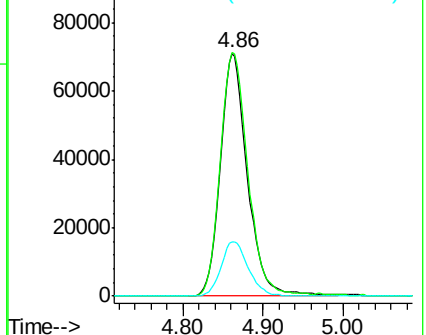
192 22.7 17.8 26.8

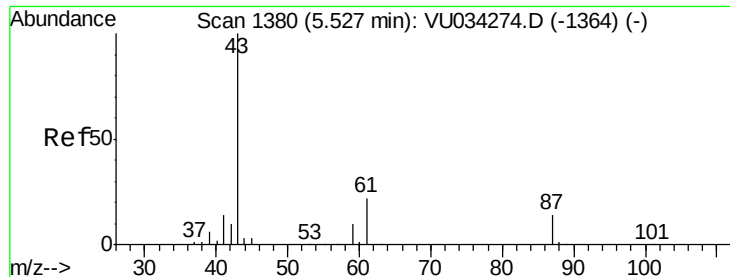


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.179 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034458.D

Acq: 10 Sep 2019 17:53

Instrument :

MSVOA_U

ClientSampleId :

PAR-E1-(0)

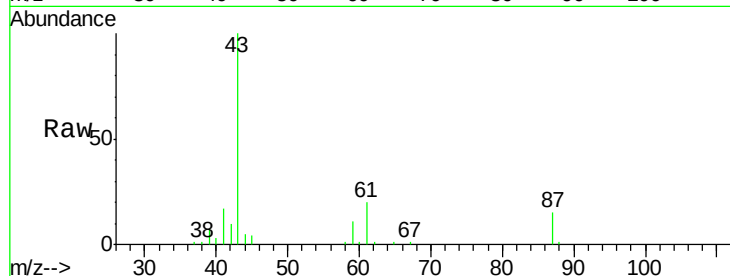
Tot Ion: 43 Resp: 63304

Ion Ratio Lower Upper

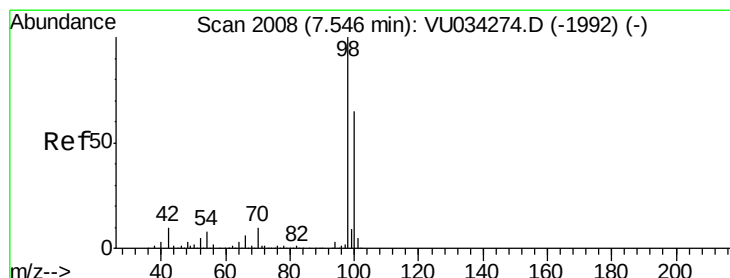
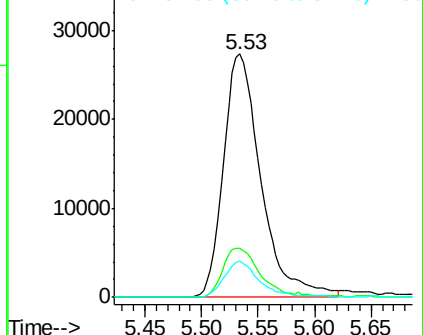
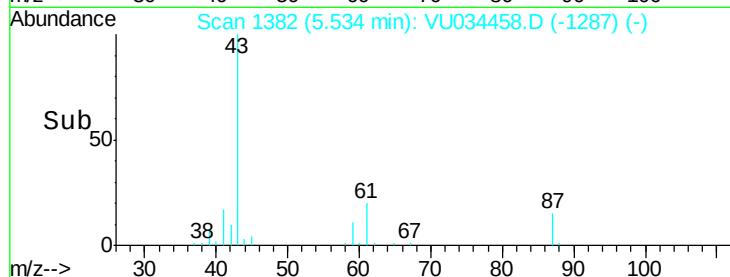
43 100

61 19.6 17.1 25.7

87 13.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034458.D (-1287) (-)



#50

Toluene-d8

Concen: 47.941 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034458.D

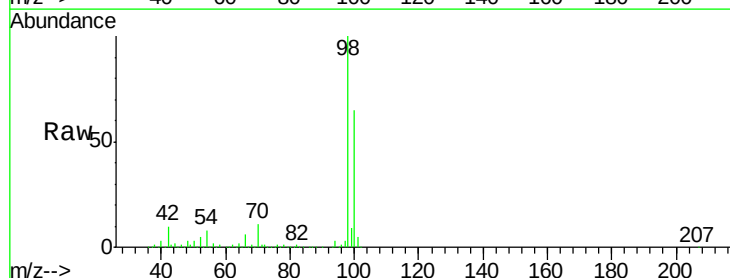
Acq: 10 Sep 2019 17:53

Tgt Ion: 98 Resp: 521073

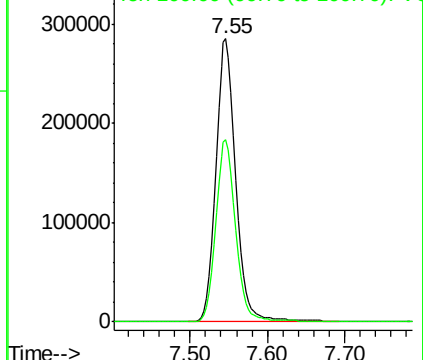
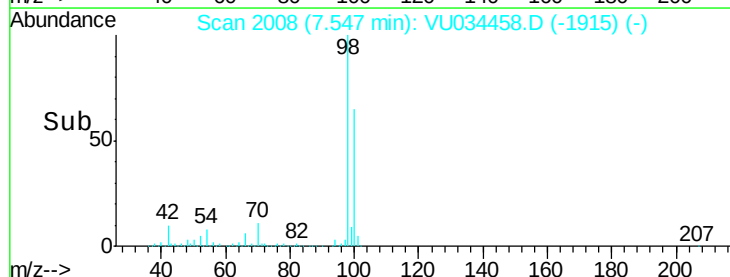
Ion Ratio Lower Upper

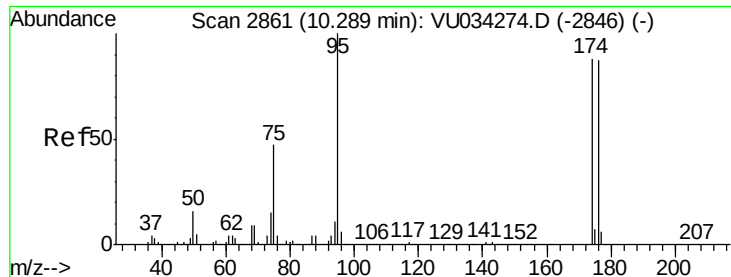
98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034458.D (-1915) (-)

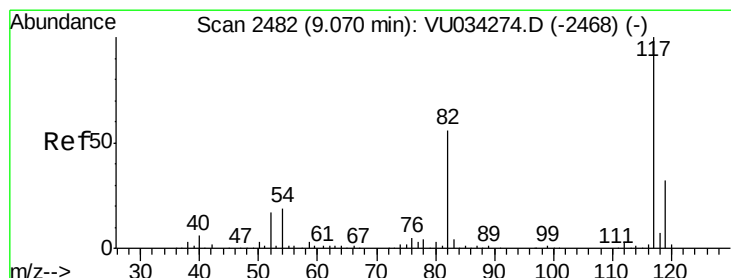
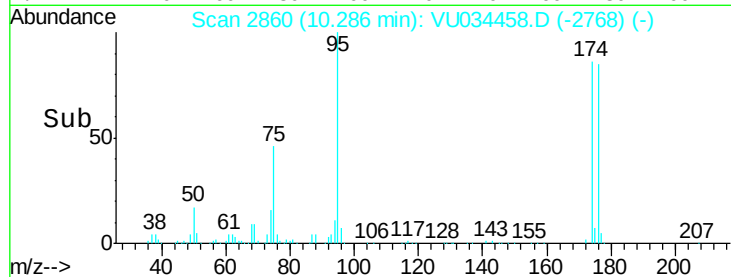
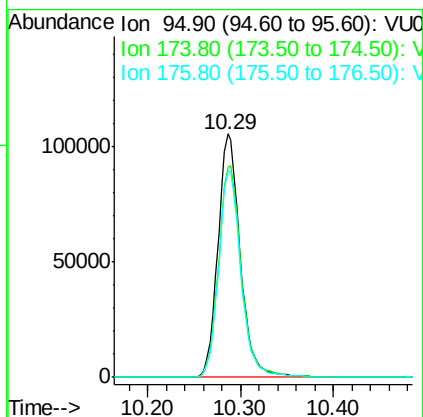
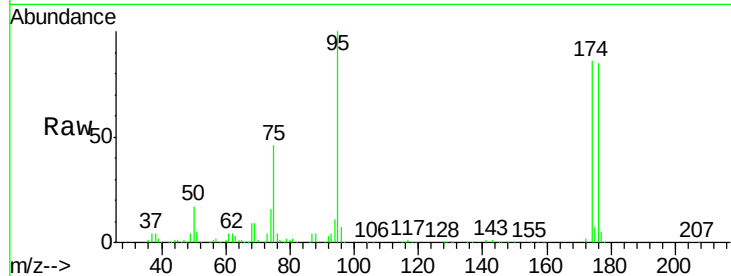




#62
4-Bromofluorobenzene
Concen: 41.785 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

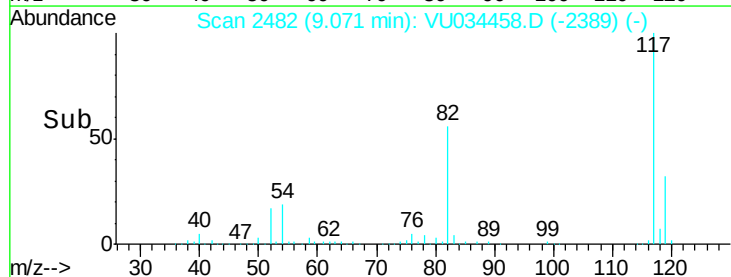
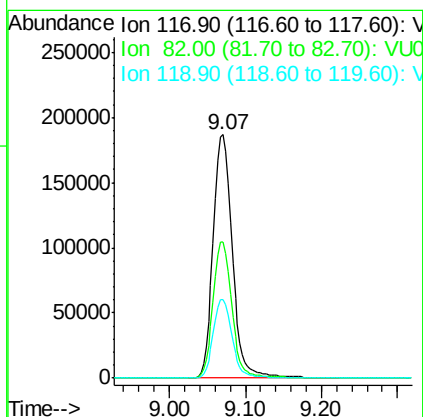
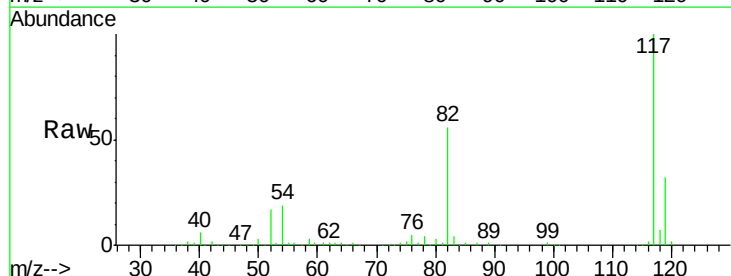
Instrument :
MSVOA_U
ClientSampleId :
PAR-E1-(0)

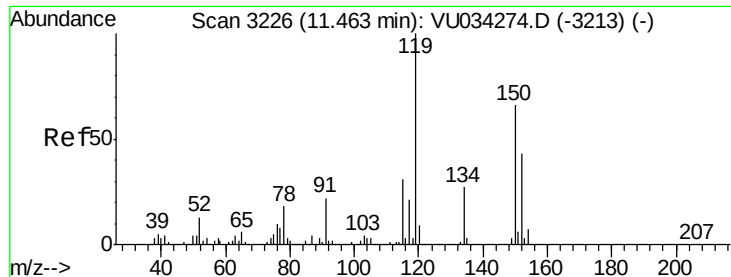
Tot Ion: 95 Resp: 175347
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.2
176 85.2 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034458.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 117 Resp: 327620
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.5 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: VU034458.D

Acq: 10 Sep 2019 17:53

Instrument :

MSVOA_U

ClientSampleId :

PAR-E1-(0)

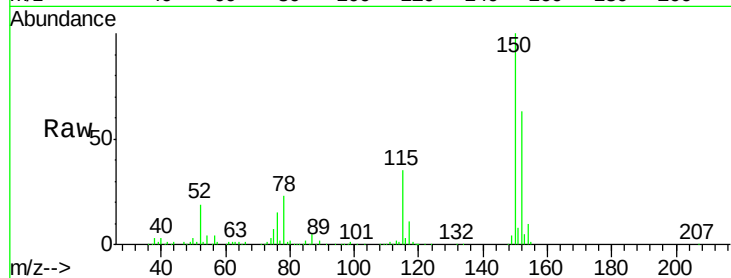
Tot Ion:152 Resp: 165568

Ion Ratio Lower Upper

152 100

115 56.6 39.1 117.3

150 157.0 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

