

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034460.D
 Acq On : 10 Sep 2019 18:40
 Operator : JC/SP
 Sample : K4603-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-E3-(0)

Quant Time: Sep 11 07:07:10 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

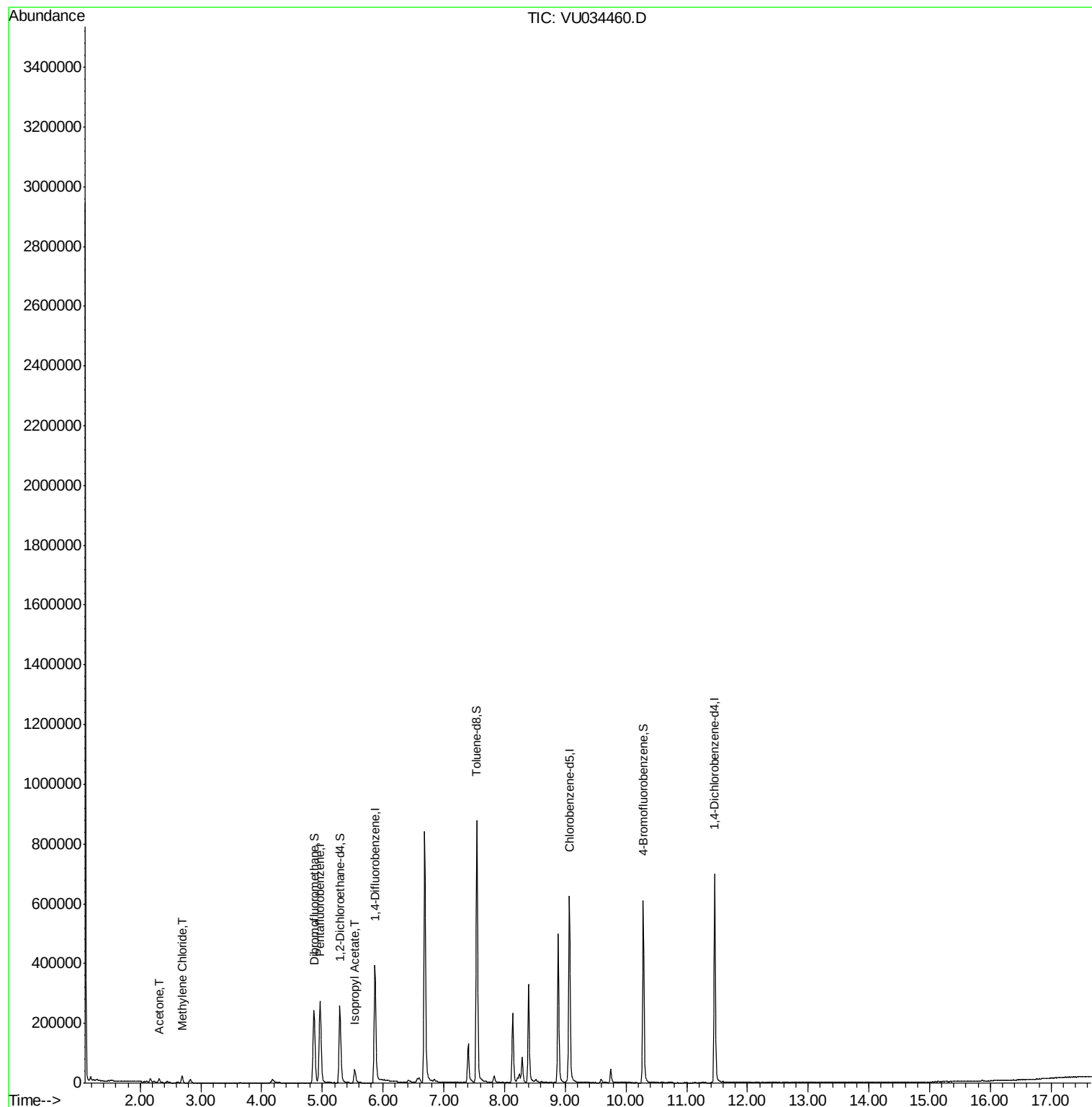
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	223746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	346757	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	377496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	201707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	202254	59.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.48%	
35) Dibromofluoromethane	4.86	113	176773	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	7.55	98	617782	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	10.29	95	208459	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
16) Acetone	2.31	43	15345	8.759	ug/l	94
20) Methylene Chloride	2.69	84	11357	3.587	ug/l	93
43) Isopropyl Acetate	5.53	43	52078	7.508	ug/l	98

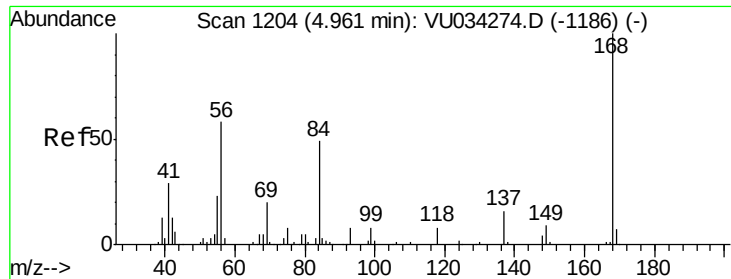
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034460.D

Acq: 10 Sep 2019 18:40

Instrument :

MSVOA_U

ClientSampleId :

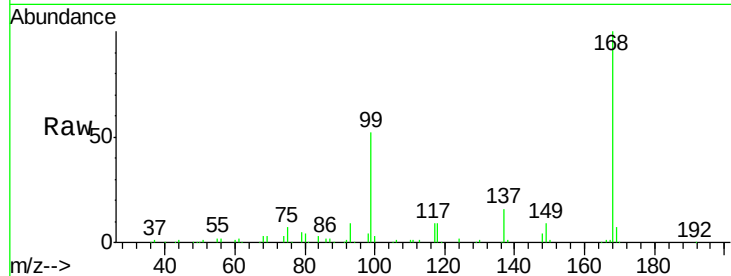
PAR-E3-(0)

Tot Ion:168 Resp: 223746

Ion Ratio Lower Upper

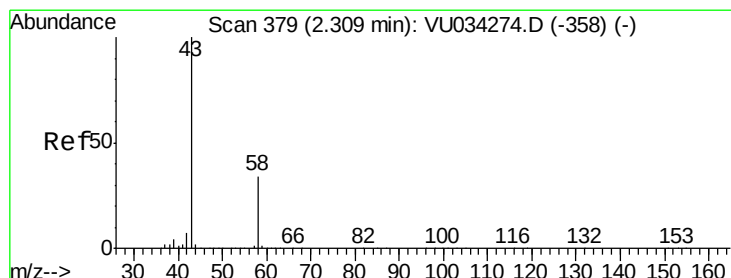
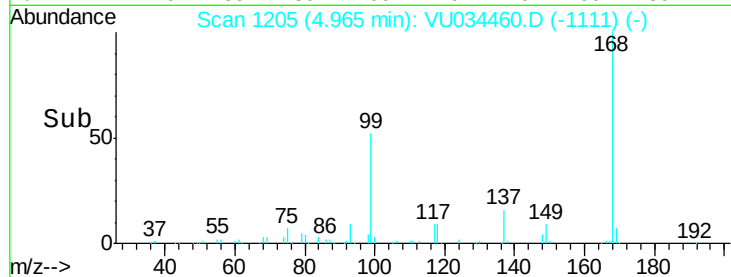
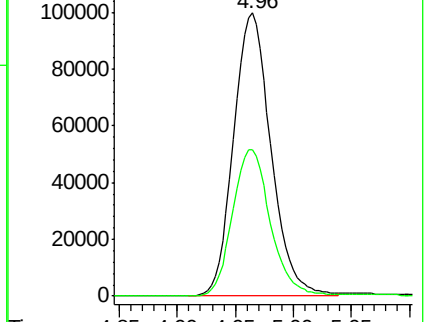
168 100

99 51.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034460.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034460.D (-1111) (-)



#16

Acetone

Concen: 8.759 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034460.D

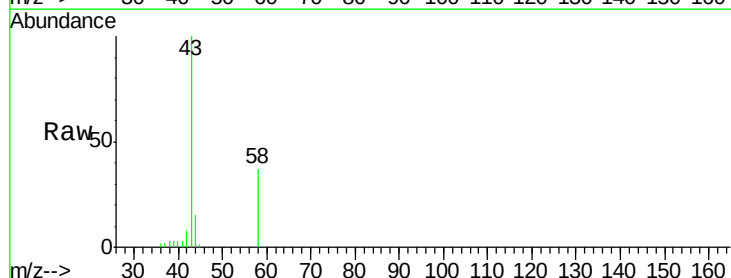
Acq: 10 Sep 2019 18:40

Tgt Ion: 43 Resp: 15345

Ion Ratio Lower Upper

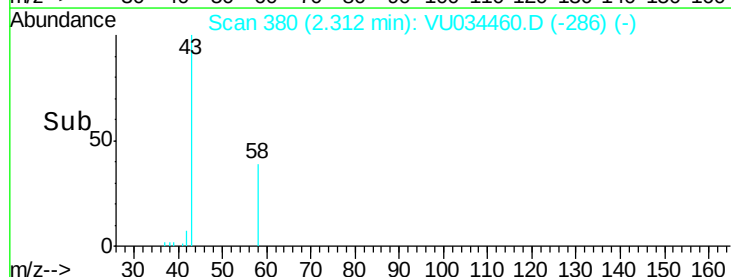
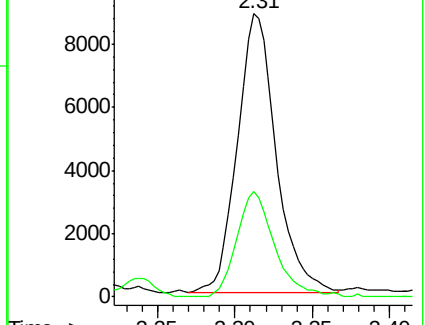
43 100

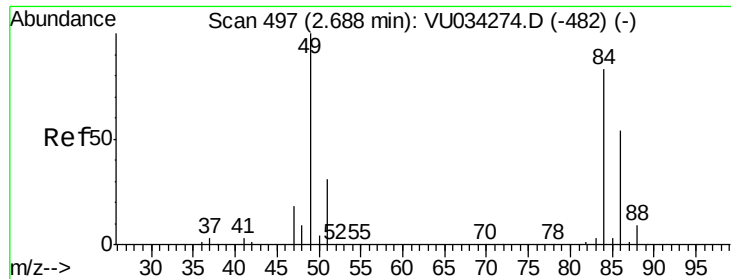
58 37.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034460.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034460.D (-286) (-)

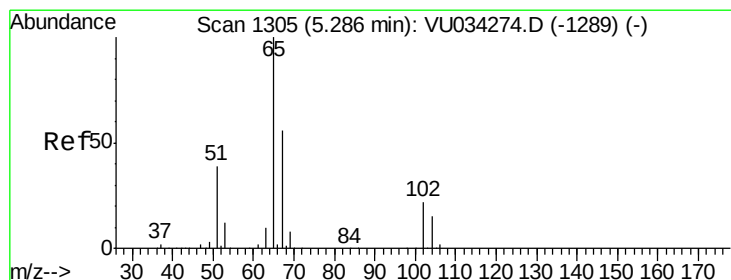
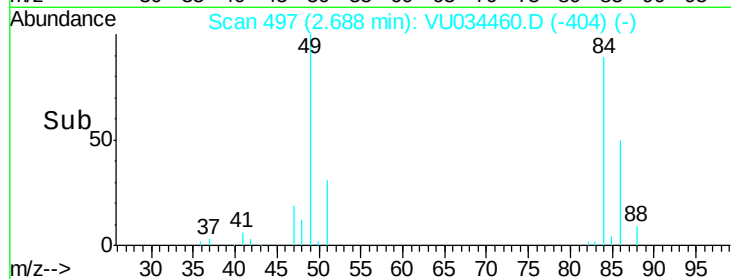
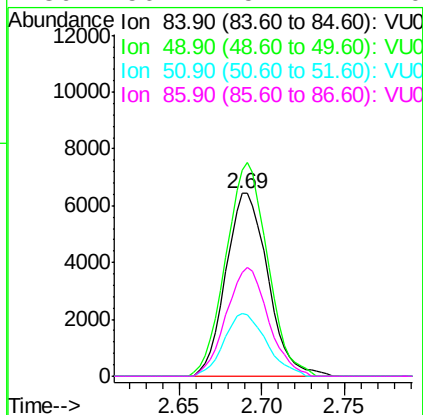
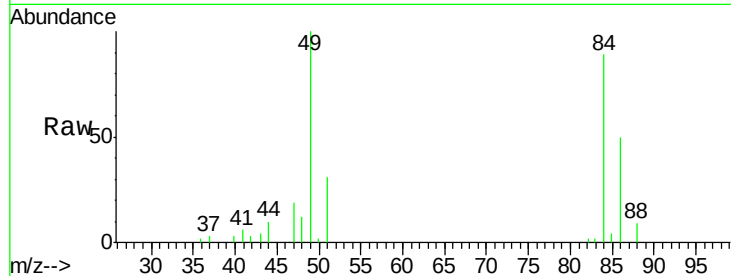




#20
Methylene Chloride
Concen: 3.587 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034460.D
Acq: 10 Sep 2019 18:40

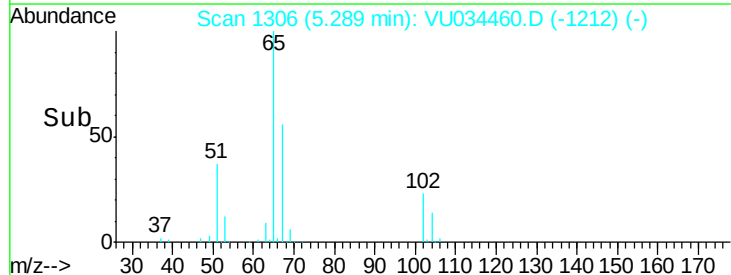
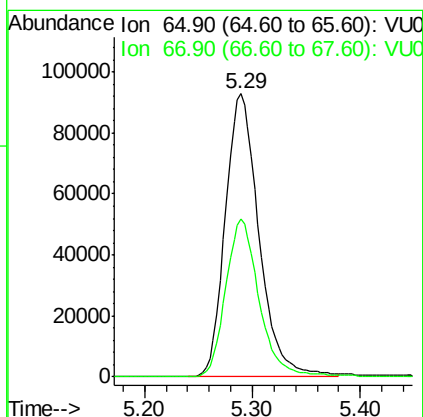
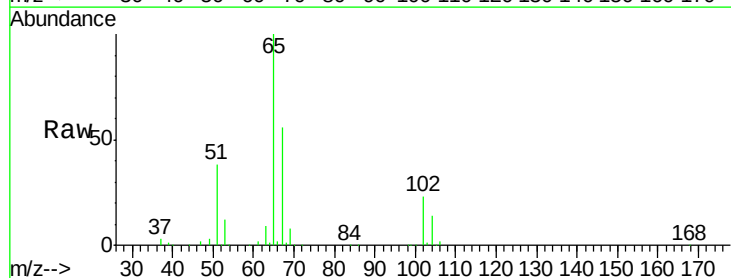
Instrument :
MSVOA_U
ClientSampleId :
PAR-E3-(0)

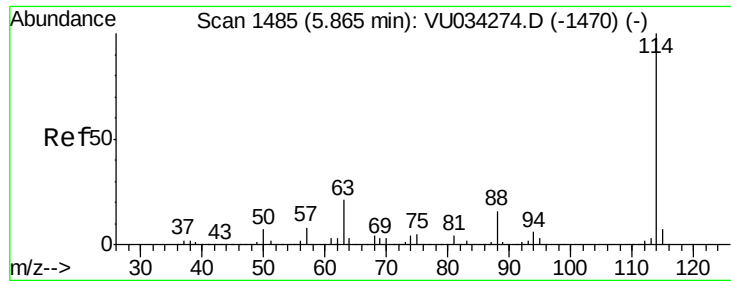
Tot Ion:	84	Resp:	11357
Ion	Ratio	Lower	Upper
84	100		
49	112.4	96.0	144.0
51	34.6	30.0	45.0
86	56.7	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 59.744 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034460.D
Acq: 10 Sep 2019 18:40

Tgt Ion:	65	Resp:	202254
Ion	Ratio	Lower	Upper
65	100		
67	55.5	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: VU034460.D

Acq: 10 Sep 2019 18:40

Instrument :

MSVOA_U

ClientSampleId :

PAR-E3-(0)

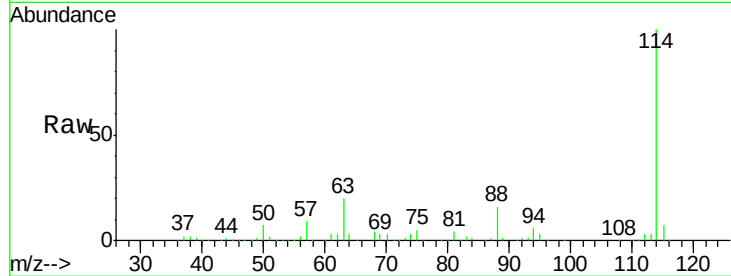
Tot Ion:114 Resp: 346757

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

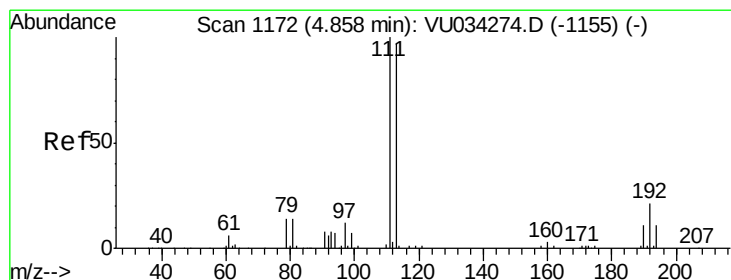
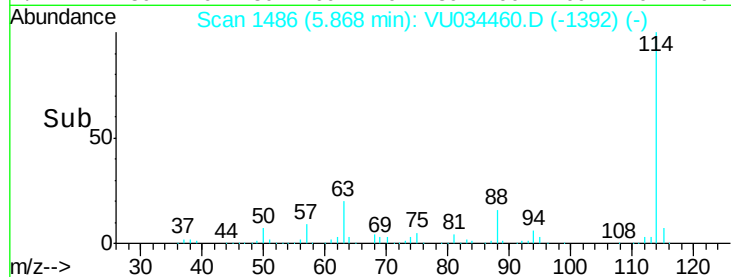
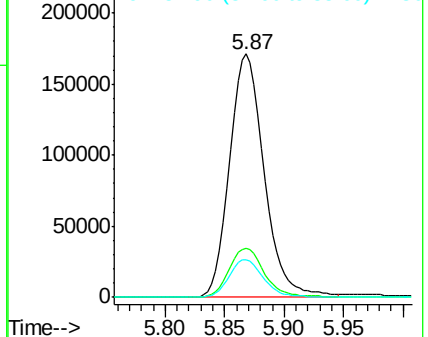
88 15.6 0.0 32.4



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: 54.786 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034460.D

Acq: 10 Sep 2019 18:40

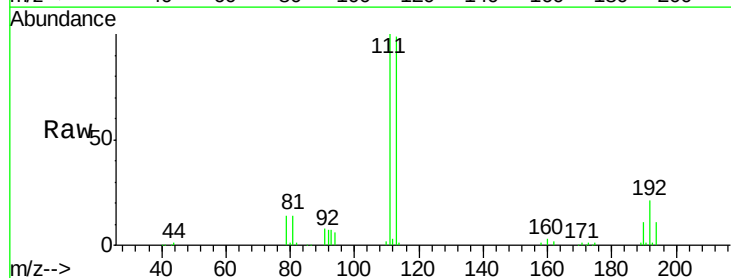
Tgt Ion:113 Resp: 176773

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

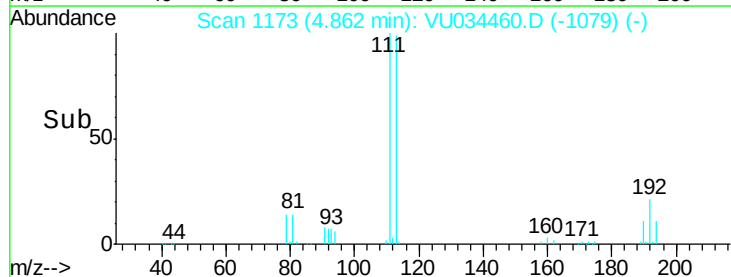
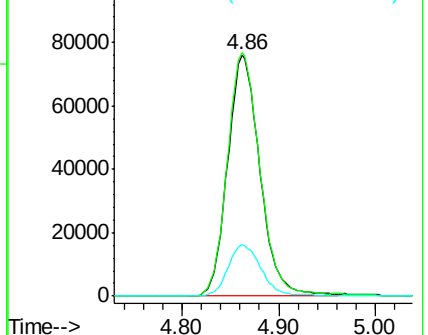
192 21.5 17.8 26.8

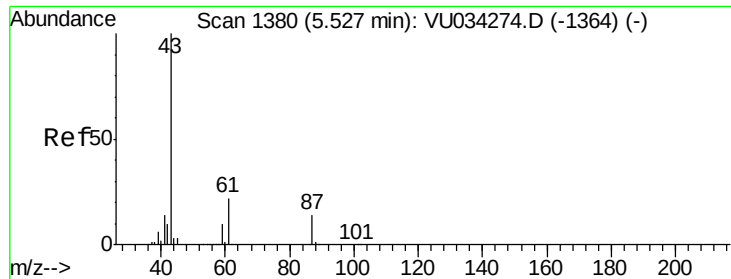


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.508 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034460.D

Acq: 10 Sep 2019 18:40

Instrument :

MSVOA_U

ClientSampleId :

PAR-E3-(0)

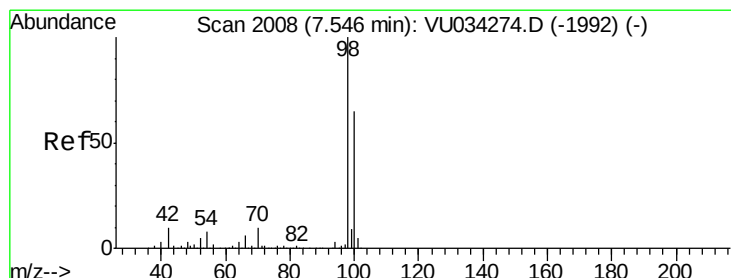
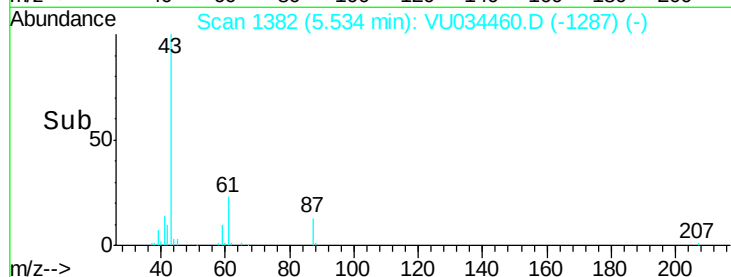
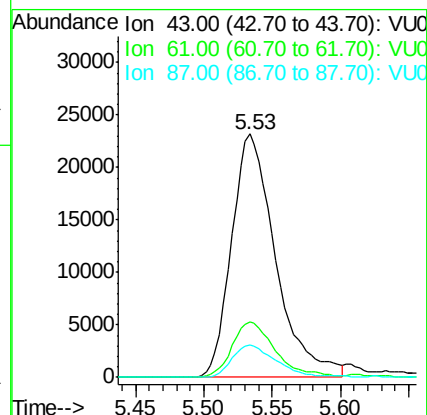
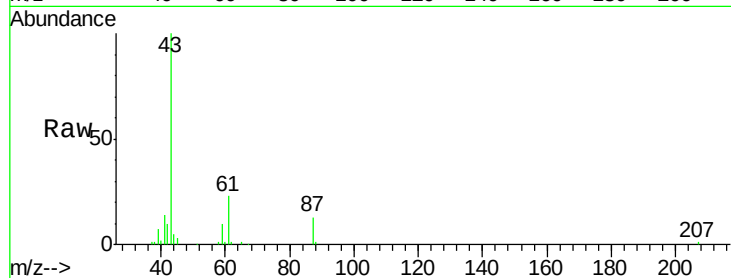
Tot Ion: 43 Resp: 52078

Ion Ratio Lower Upper

43 100

61 22.4 17.1 25.7

87 13.4 11.1 16.7



#50

Toluene-d8

Concen: 50.962 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034460.D

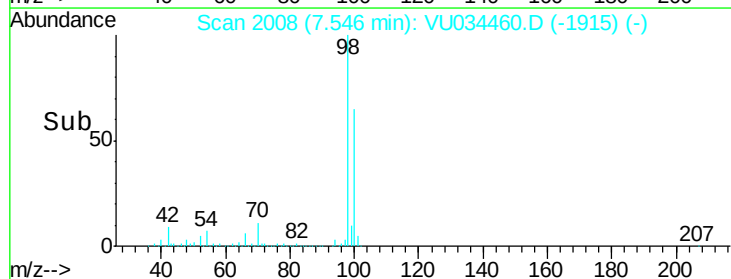
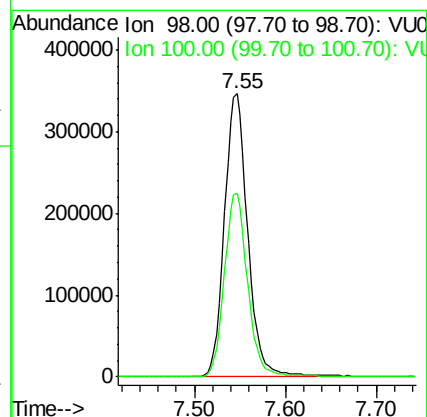
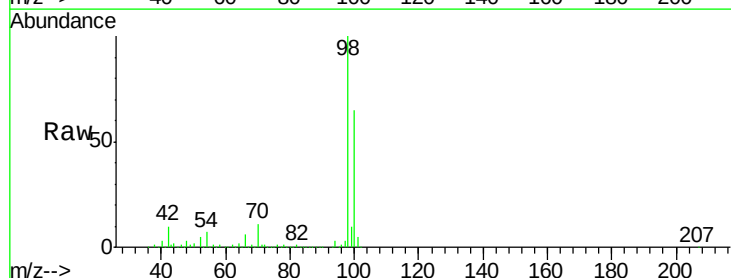
Acq: 10 Sep 2019 18:40

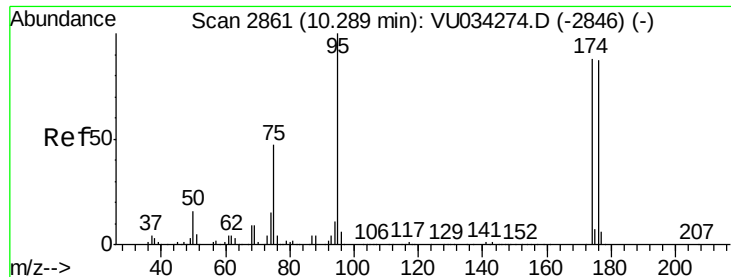
Tgt Ion: 98 Resp: 617782

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.539 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034460.D

Acq: 10 Sep 2019 18:40

Instrument :

MSVOA_U

ClientSampleId :

PAR-E3-(0)

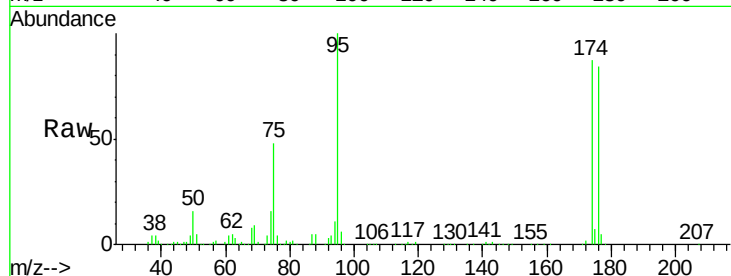
Tot Ion: 95 Resp: 208459

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.2

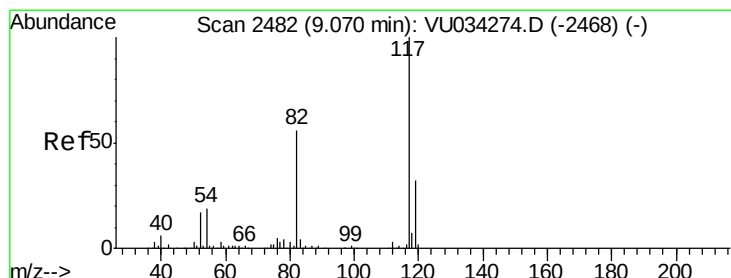
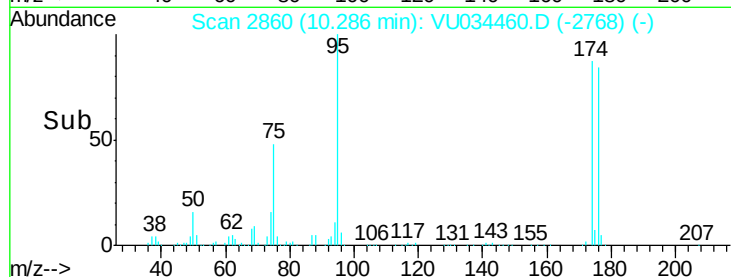
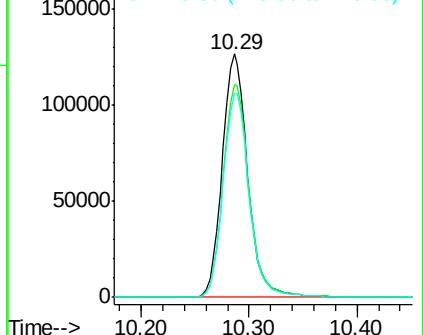
176 85.5 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034460.D

Acq: 10 Sep 2019 18:40

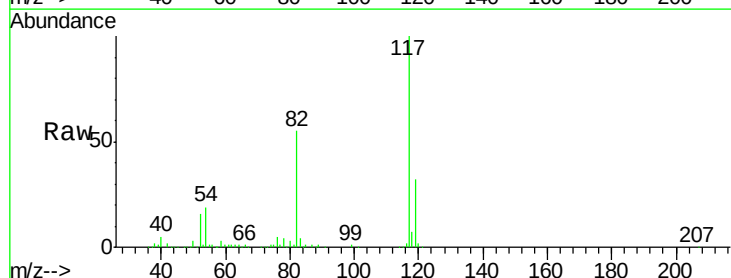
Tgt Ion: 117 Resp: 377496

Ion Ratio Lower Upper

117 100

82 55.4 44.6 67.0

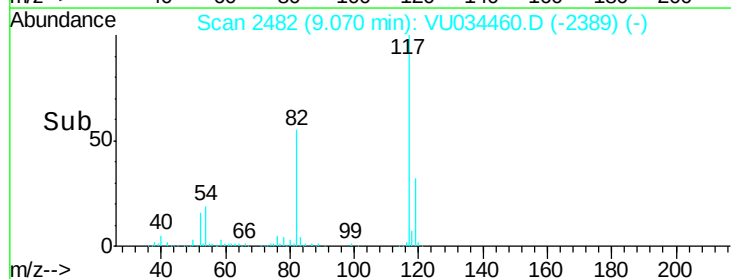
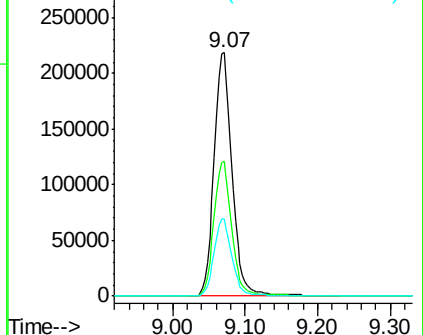
119 31.6 25.9 38.9

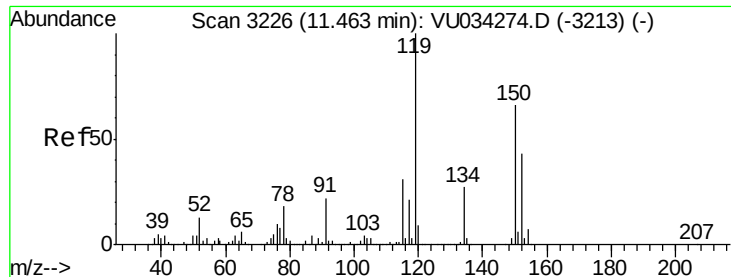


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034460.D

Acq: 10 Sep 2019 18:40

Instrument :

MSVOA_U

ClientSampleId :

PAR-E3-(0)

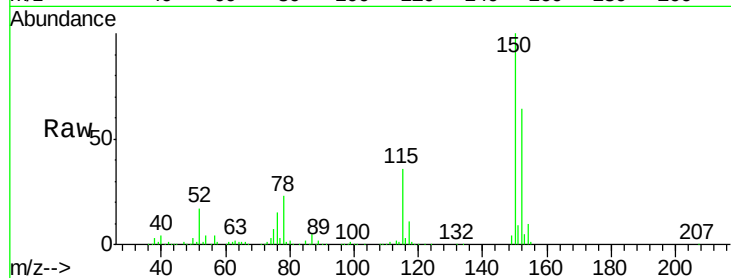
Tot Ion:152 Resp: 201707

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

150 157.2 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

