

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034449.D
 Acq On : 10 Sep 2019 14:25
 Operator : JC/SP
 Sample : K4602-37
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D4-(0)

Quant Time: Sep 11 06:46:06 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

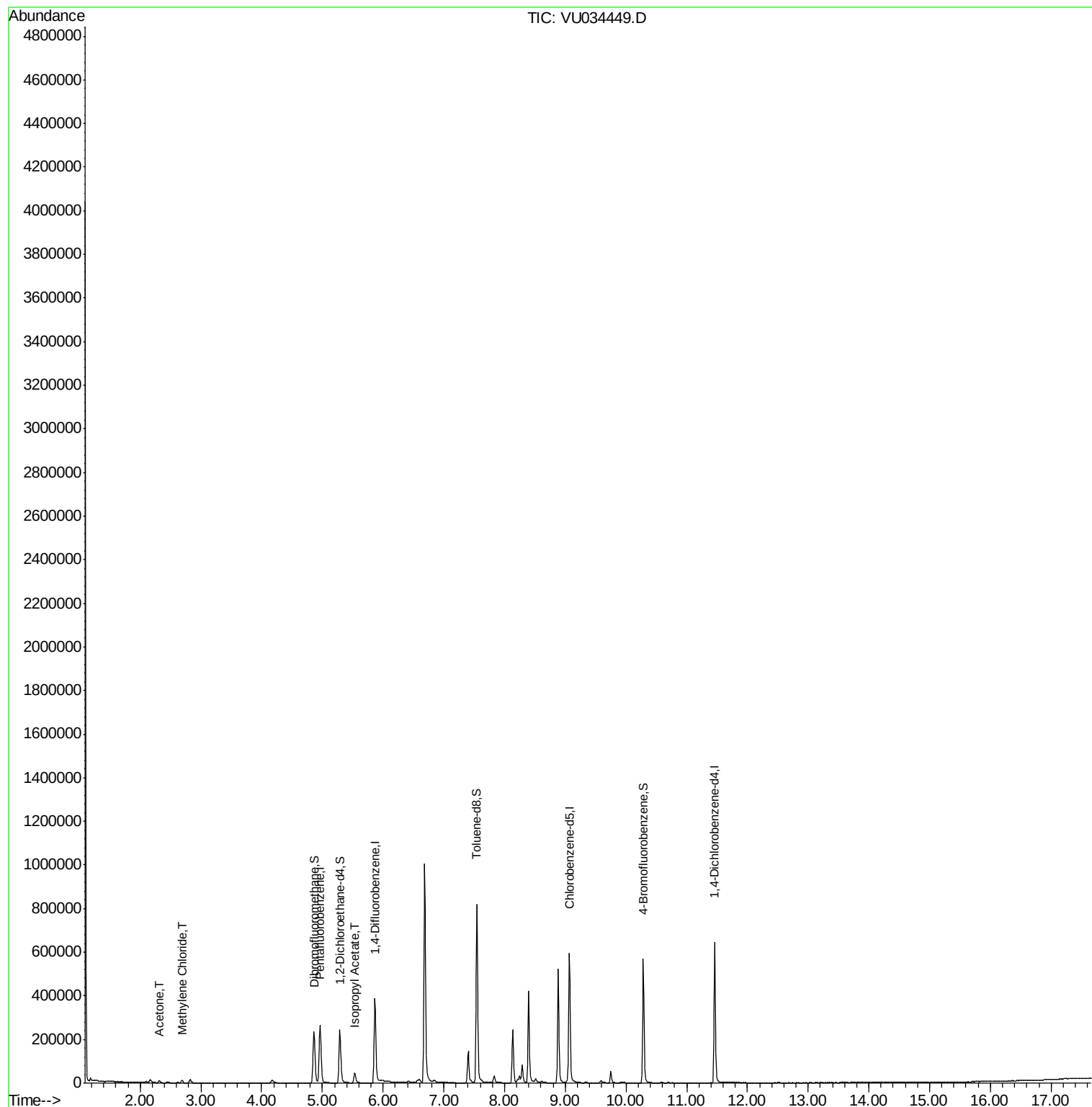
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	220390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	346943	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	359992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	187770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	195622	58.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	4.86	113	168765	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
50) Toluene-d8	7.55	98	584503	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.29	95	194736	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
Target Compounds						
16) Acetone	2.31	43	11532	6.683	ug/l	97
20) Methylene Chloride	2.69	84	6368	1.868	ug/l	94
43) Isopropyl Acetate	5.53	43	56801	8.185	ug/l	99

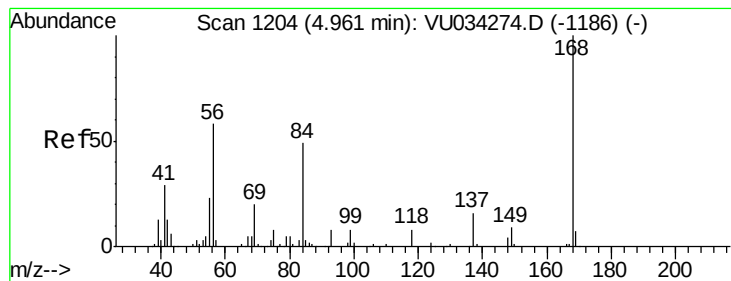
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034449.D

Acq: 10 Sep 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

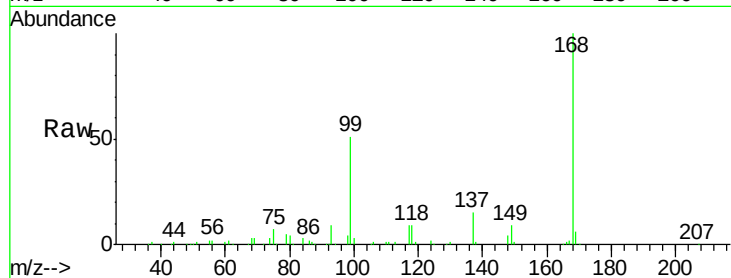
PAR-D4-(0)

Tot Ion:168 Resp: 220390

Ion Ratio Lower Upper

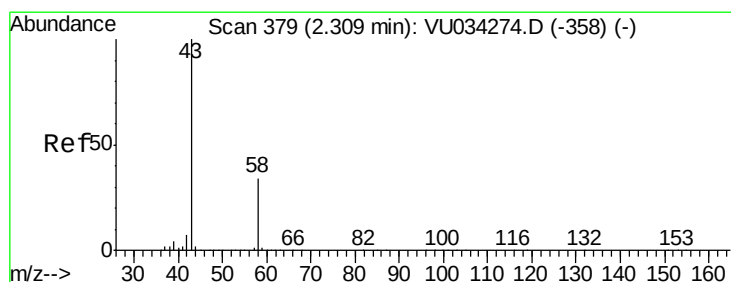
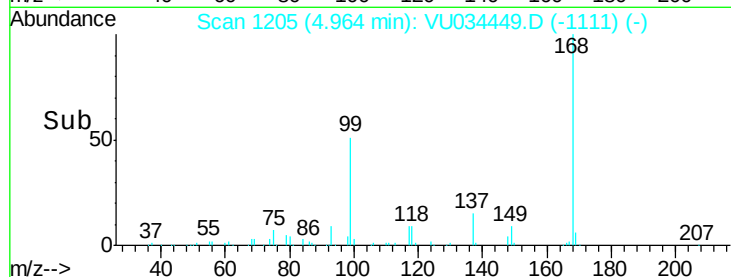
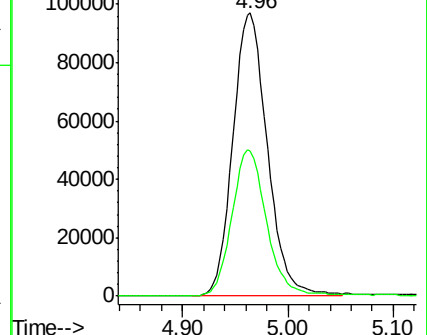
168 100

99 51.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034449.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034449.D (-1111) (-)



#16

Acetone

Concen: 6.683 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034449.D

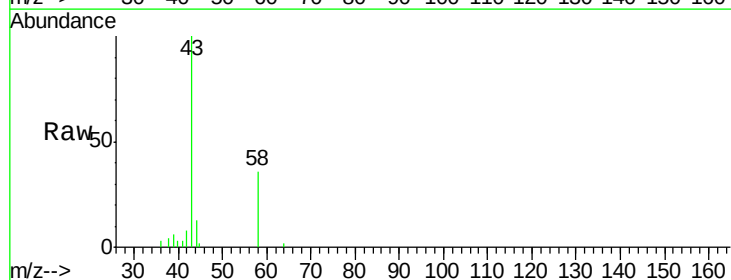
Acq: 10 Sep 2019 14:25

Tgt Ion: 43 Resp: 11532

Ion Ratio Lower Upper

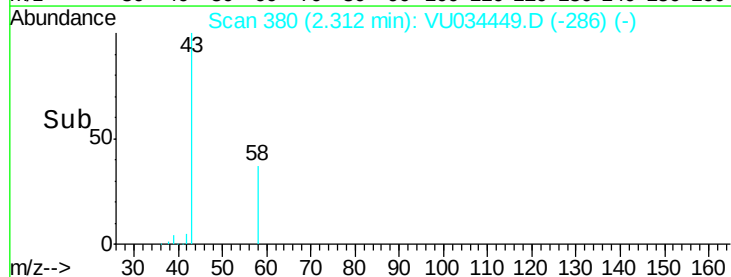
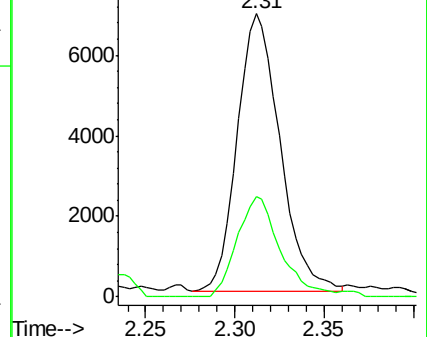
43 100

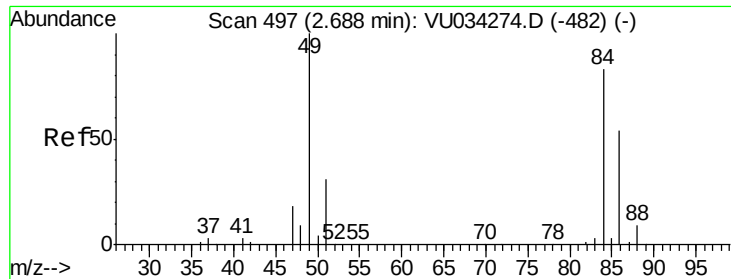
58 36.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034449.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034449.D (-286) (-)

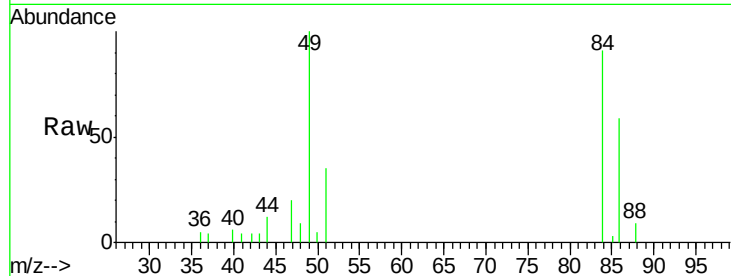




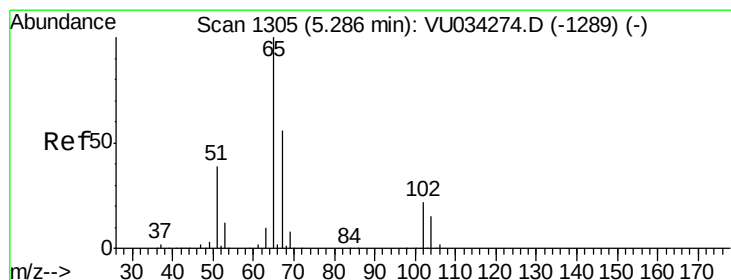
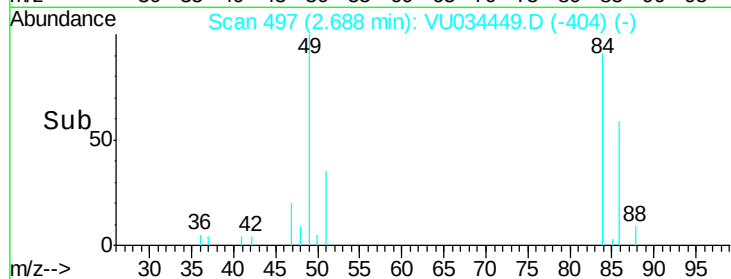
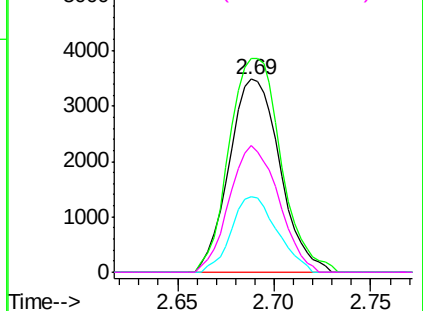
#20
Methylene Chloride
Concen: 1.868 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034449.D
Acq: 10 Sep 2019 14:25

Instrument :
MSVOA_U
ClientSampleId :
PAR-D4-(0)

Tot Ion: 84 Resp: 6368
Ion Ratio Lower Upper
84 100
49 110.5 96.0 144.0
51 39.2 30.0 45.0
86 65.5 51.4 77.0

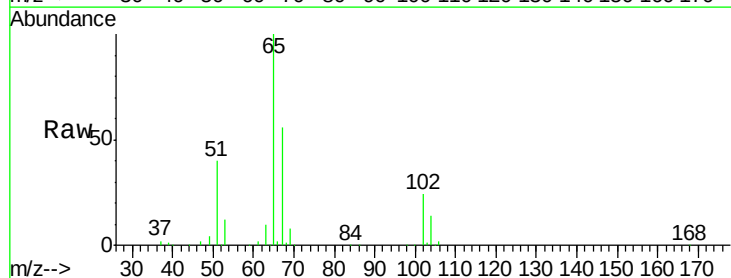


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

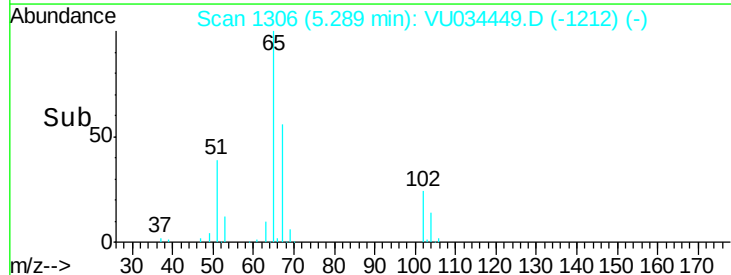
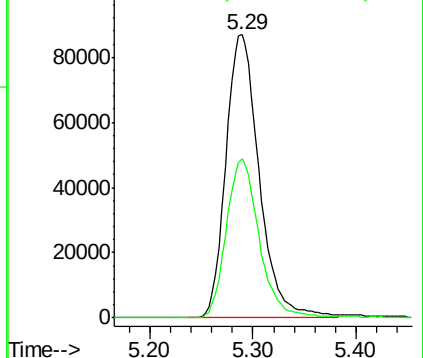


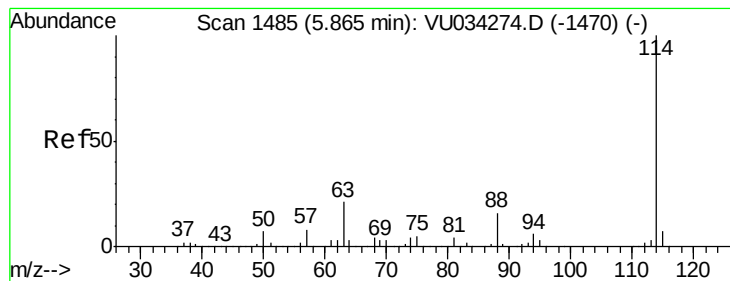
#33
1,2-Dichloroethane-d4
Concen: 58.665 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034449.D
Acq: 10 Sep 2019 14:25

Tgt Ion: 65 Resp: 195622
Ion Ratio Lower Upper
65 100
67 55.8 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034449.D

Acq: 10 Sep 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

PAR-D4-(0)

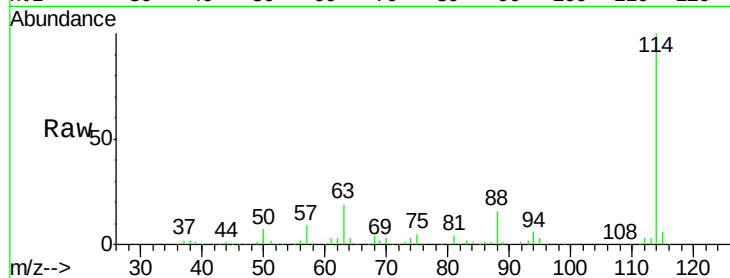
Tot Ion:114 Resp: 346943

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

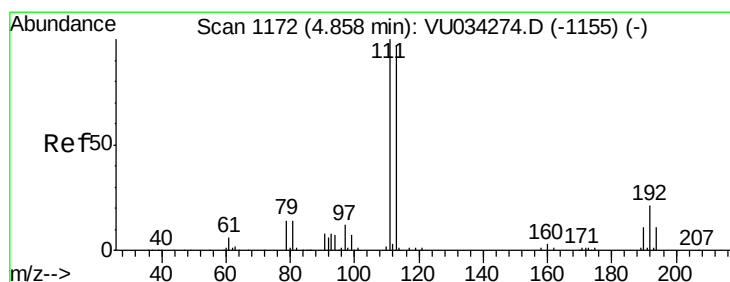
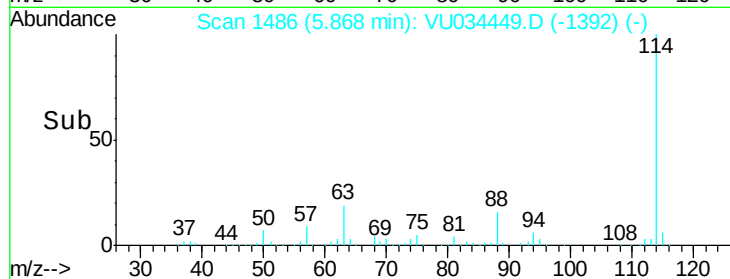
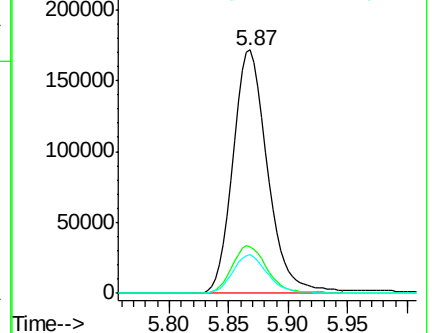
88 15.7 0.0 32.4



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: 52.276 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034449.D

Acq: 10 Sep 2019 14:25

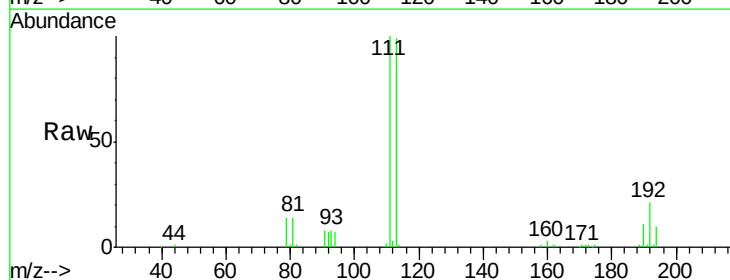
Tgt Ion:113 Resp: 168765

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

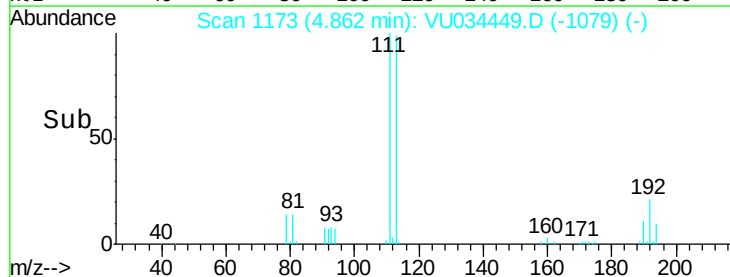
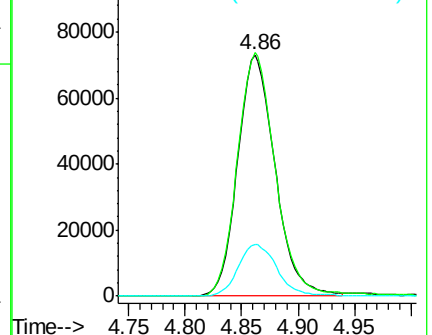
192 22.2 17.8 26.8

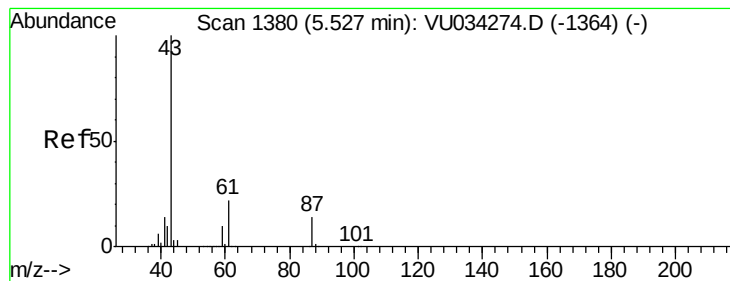


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.185 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034449.D

Acq: 10 Sep 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

PAR-D4-(0)

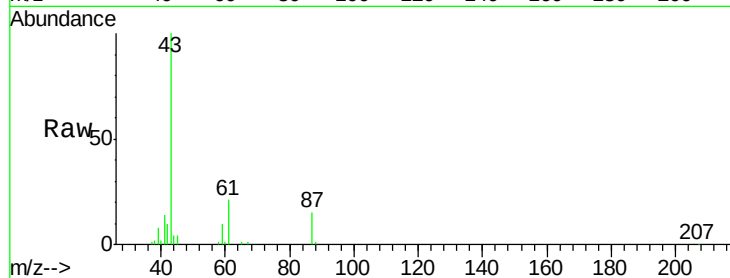
Tot Ion: 43 Resp: 56801

Ion Ratio Lower Upper

43 100

61 20.4 17.1 25.7

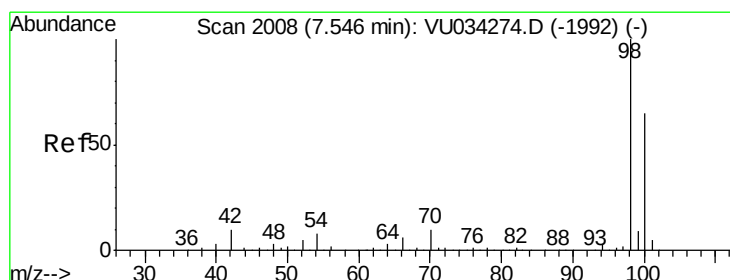
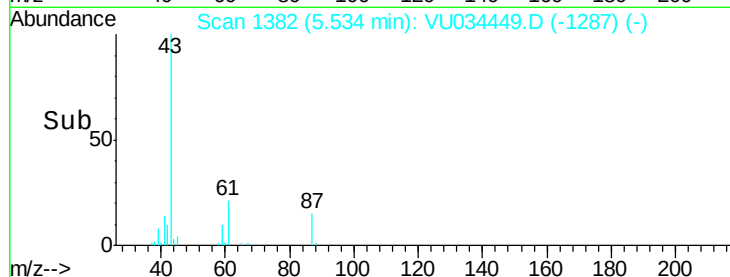
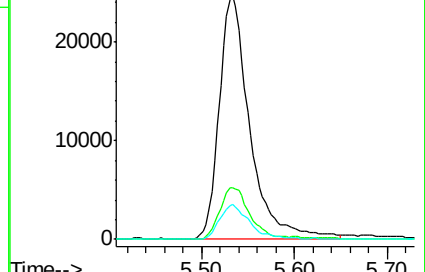
87 13.8 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034449.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034449.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034449.D (-1287) (-)



#50

Toluene-d8

Concen: 48.191 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034449.D

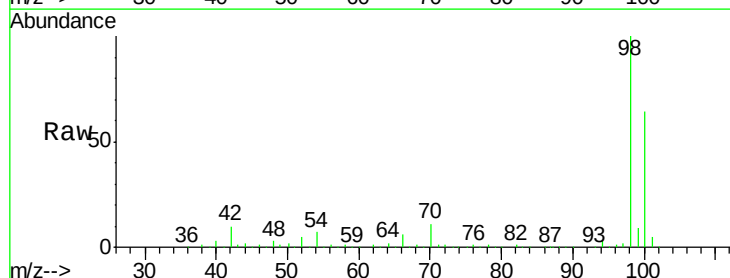
Acq: 10 Sep 2019 14:25

Tgt Ion: 98 Resp: 584503

Ion Ratio Lower Upper

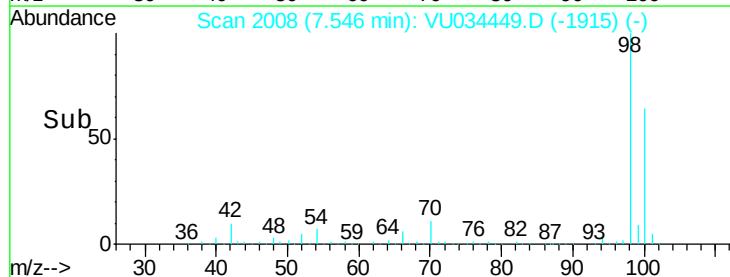
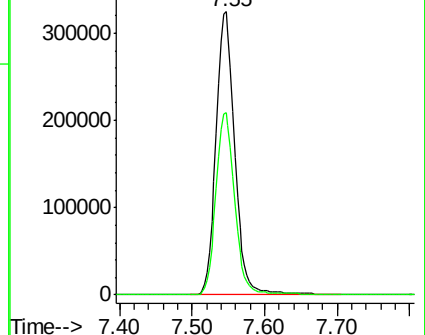
98 100

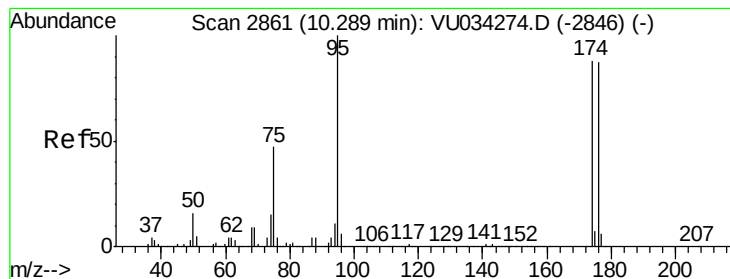
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034449.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034449.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 41.585 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034449.D

Acq: 10 Sep 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

PAR-D4-(0)

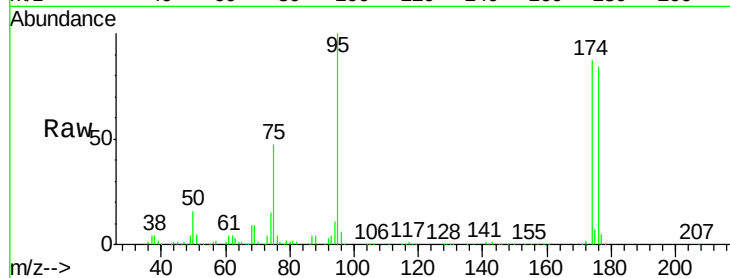
Tot Ion: 95 Resp: 194736

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.2

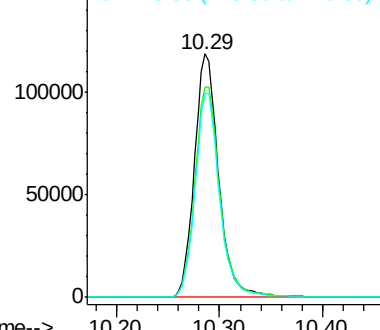
176 84.2 0.0 168.0



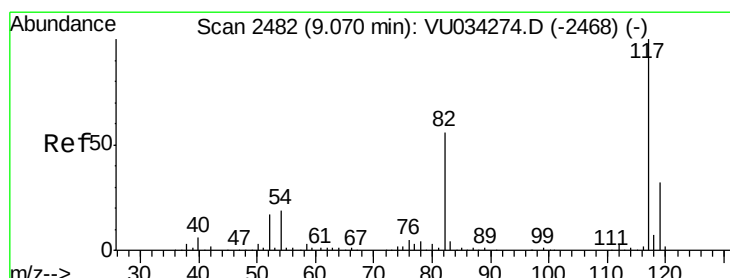
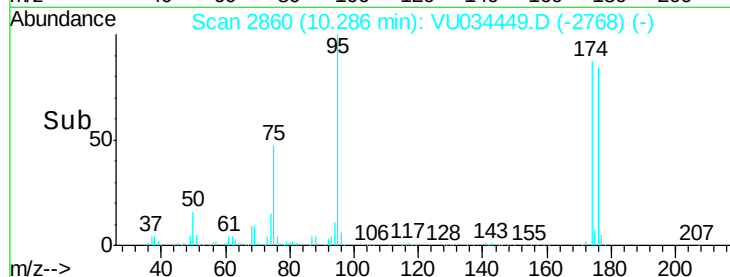
Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034449.D

Acq: 10 Sep 2019 14:25

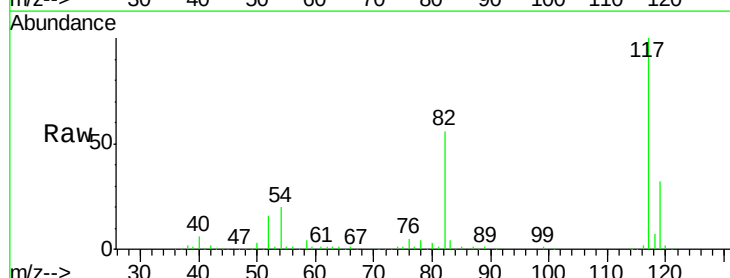
Tgt Ion: 117 Resp: 359992

Ion Ratio Lower Upper

117 100

82 55.5 44.6 67.0

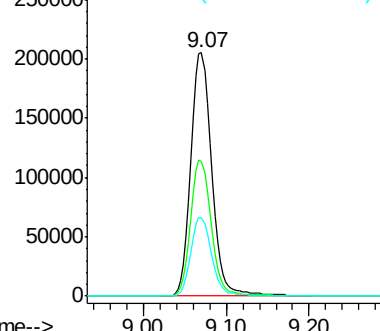
119 32.4 25.9 38.9



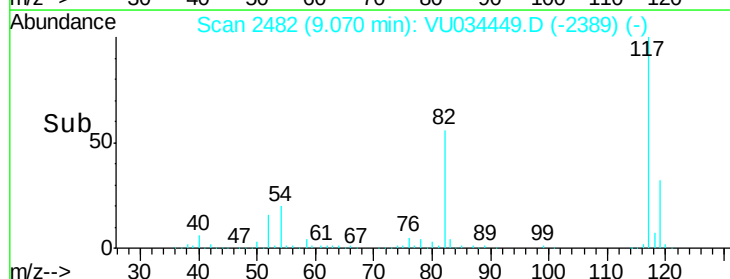
Abundance Ion 116.90 (116.60 to 117.60): V

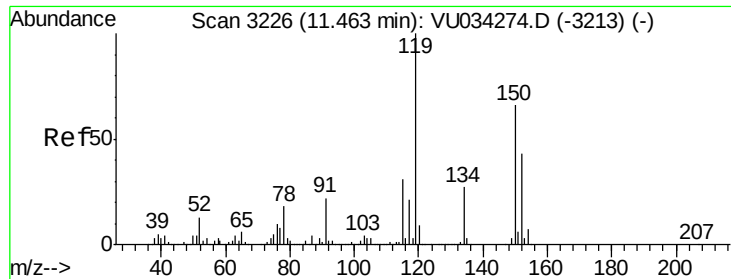
Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034449.D

Acq: 10 Sep 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

PAR-D4-(0)

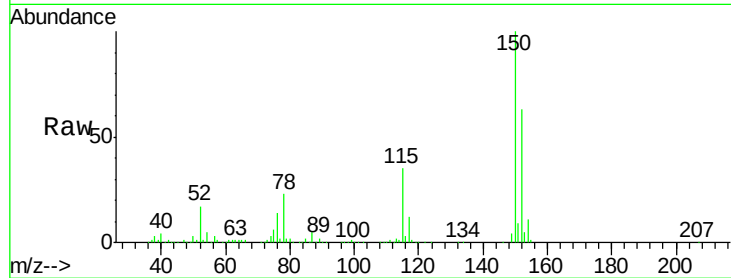
Tot Ion:152 Resp: 187770

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

150 155.8 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

