

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034173.D
 Acq On : 01 Sep 2019 16:52
 Operator : JC/SP
 Sample : K4527-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-M-(0)

Quant Time: Sep 02 09:20:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

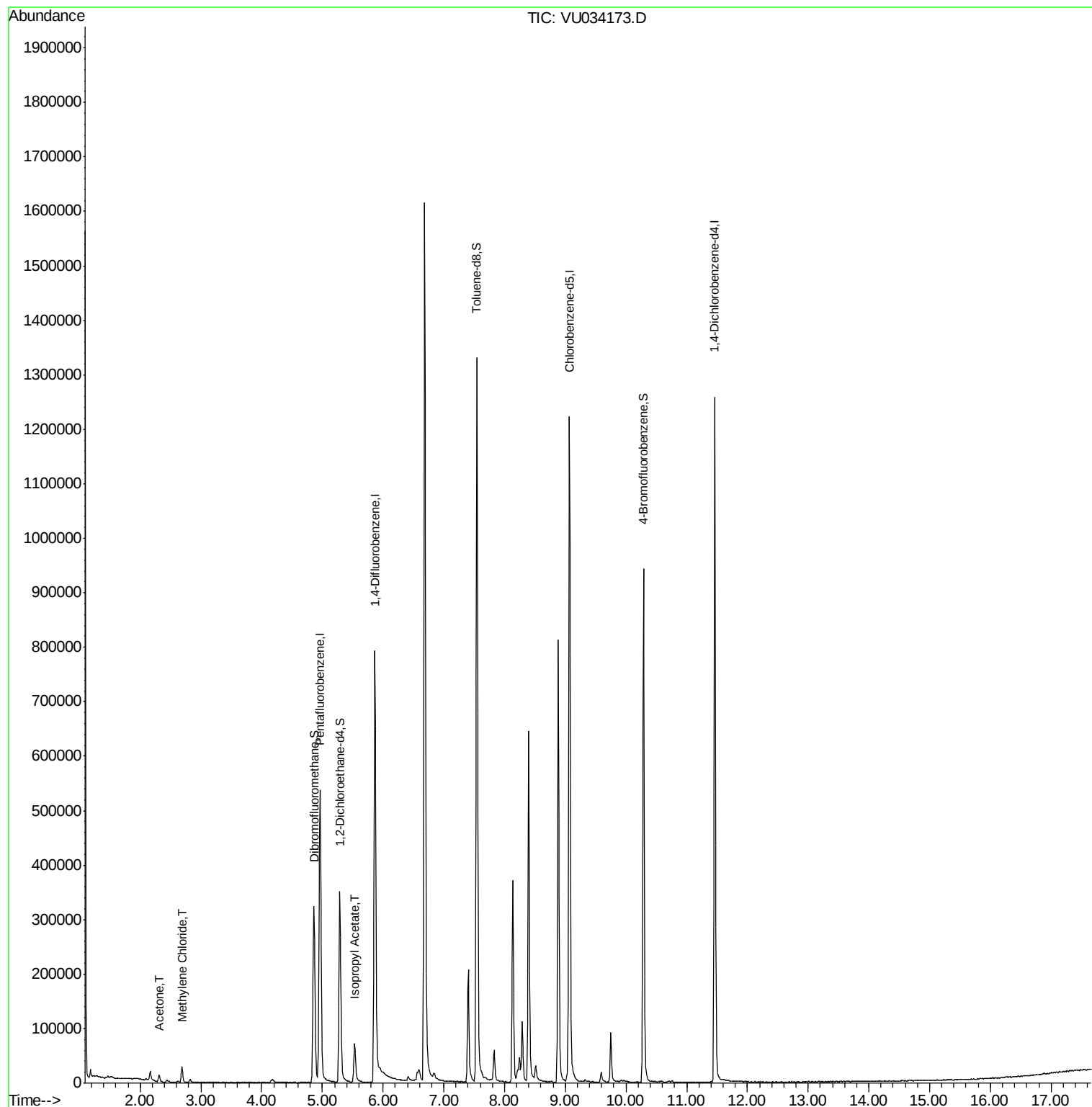
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	439087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	714474	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	706465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	343700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	279857	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	4.86	113	232048	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	7.55	98	926764	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	10.29	95	325619	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	2.31	43	14132	4.923	ug/l	98
20) Methylene Chloride	2.69	84	12402	2.282	ug/l	97
43) Isopropyl Acetate	5.53	43	86280	7.494	ug/l	98

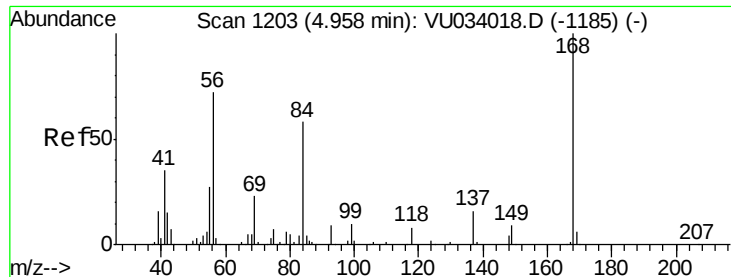
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

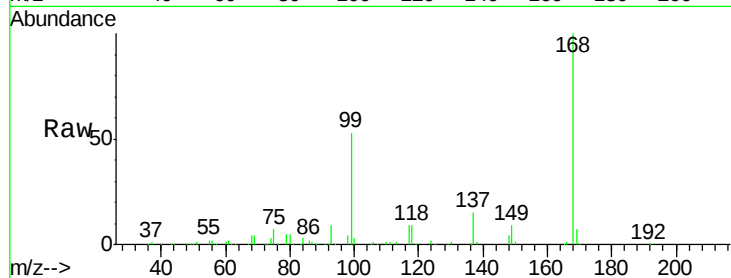
T9-12-13-M-(0)

Tot Ion:168 Resp: 439087

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034173.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034173.D (-1110) (-)

4.96

200000

150000

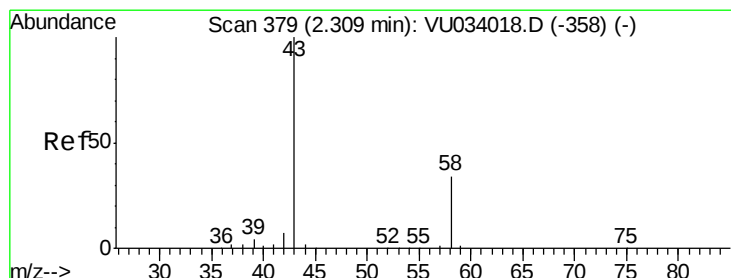
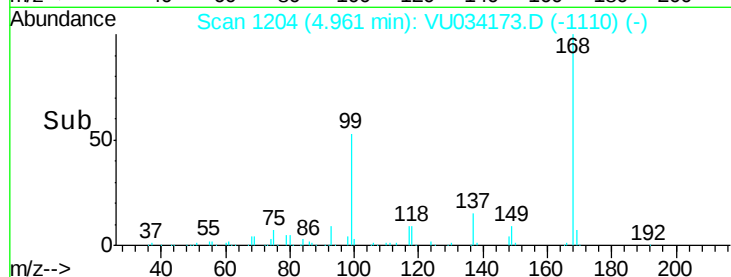
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.923 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034173.D

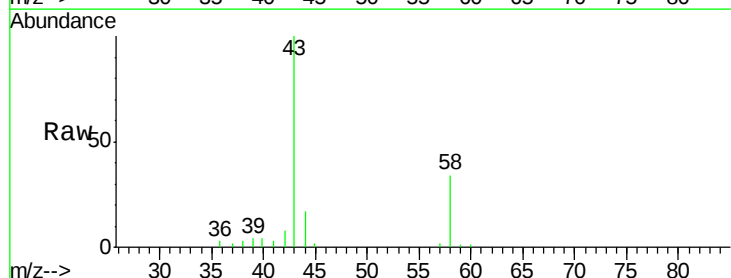
Acq: 01 Sep 2019 16:52

Tgt Ion: 43 Resp: 14132

Ion Ratio Lower Upper

43 100

58 34.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034173.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034173.D (-286) (-)

2.31

8000

6000

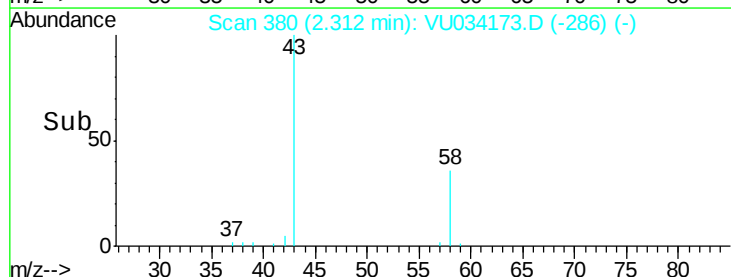
4000

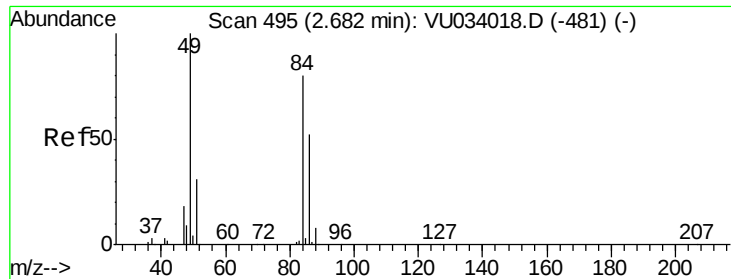
2000

0

2.25 2.30 2.35 2.40

Time-->

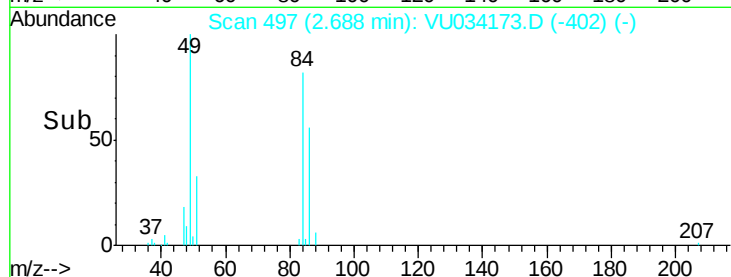
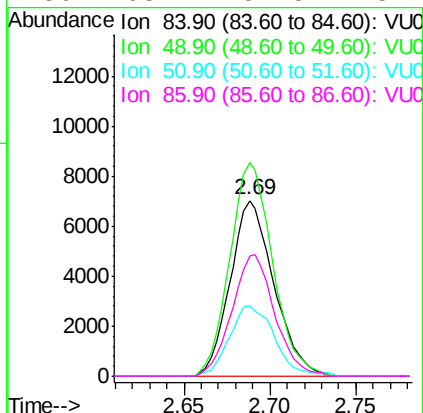
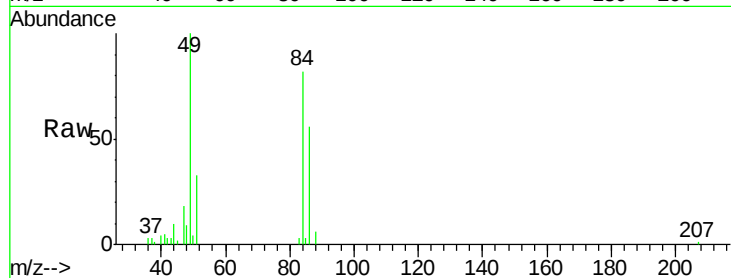




#20
Methvlene Chloride
Concen: 2.282 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034173.D
Acq: 01 Sep 2019 16:52

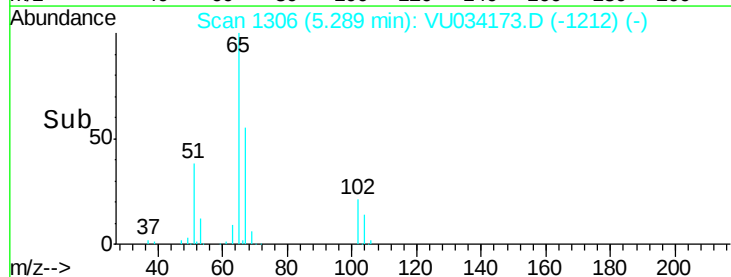
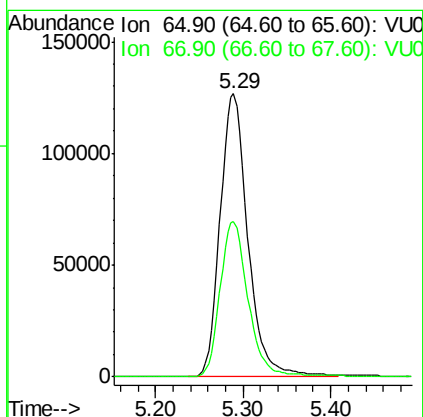
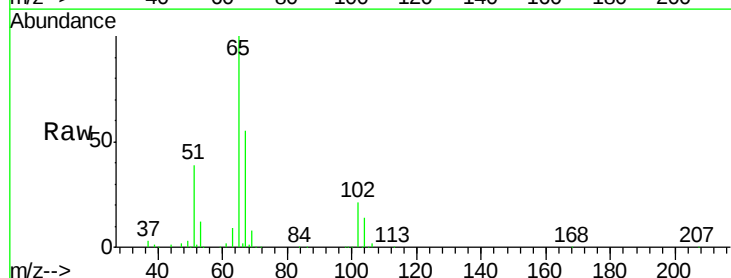
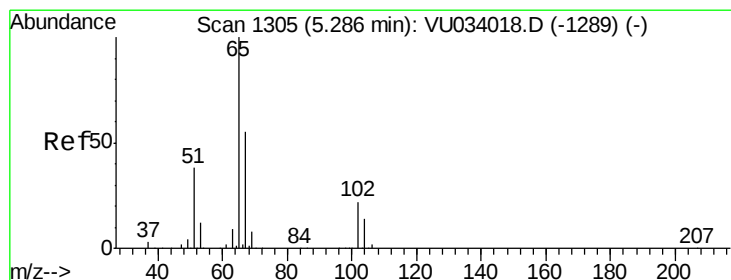
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-M-(0)

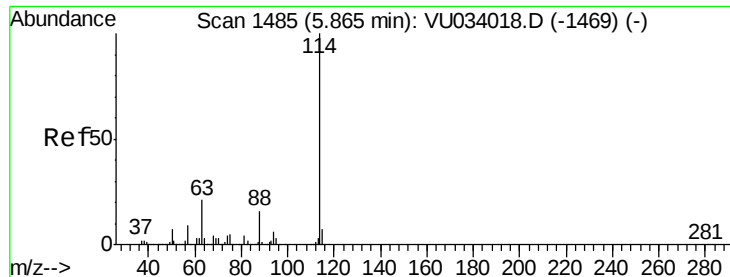
Tot Ion:	84	Resp:	12402
Ion	Ratio	Lower	Upper
84	100		
49	121.4	100.2	150.4
51	40.1	30.8	46.2
86	68.4	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 49.742 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034173.D
Acq: 01 Sep 2019 16:52

Tgt Ion:	65	Resp:	279857
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(0)

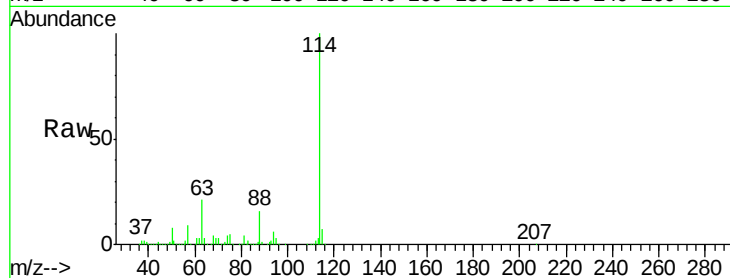
Tot Ion:114 Resp: 714474

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.0

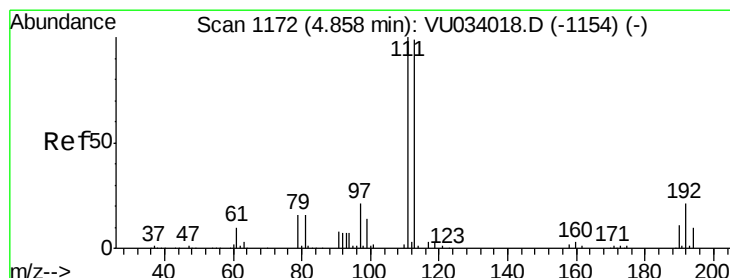
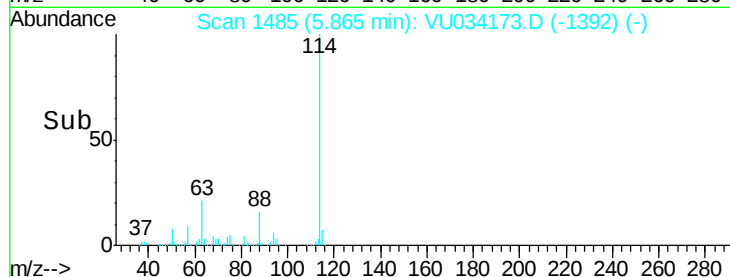
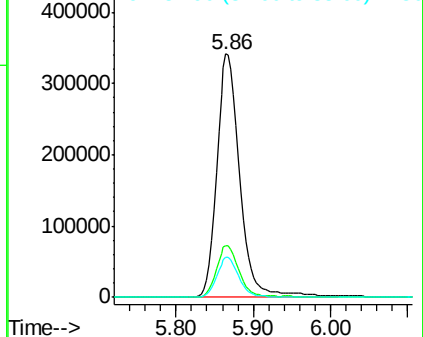
88 16.2 0.0 32.0



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: 46.826 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

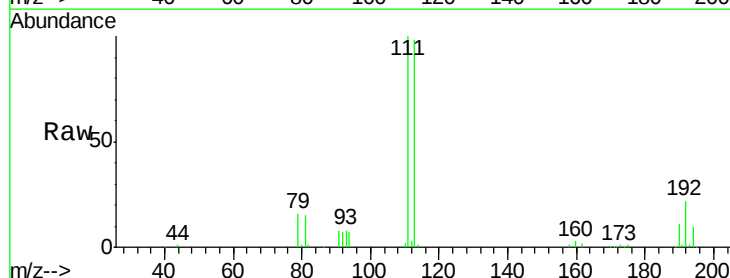
Tgt Ion:113 Resp: 232048

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

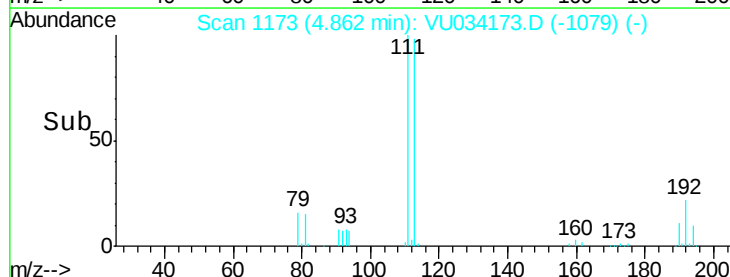
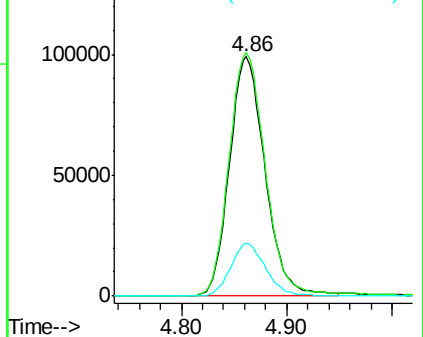
192 22.0 17.1 25.7

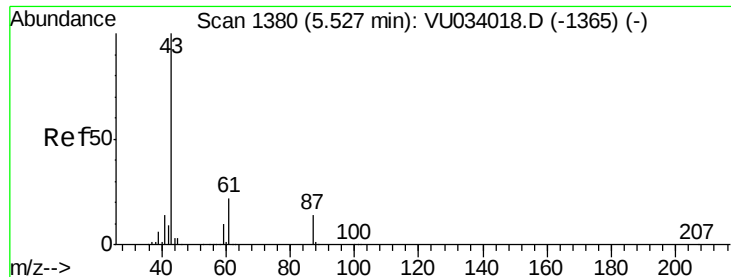


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.494 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(0)

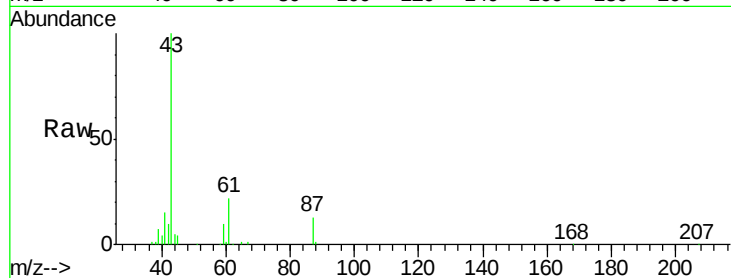
Tot Ion: 43 Resp: 86280

Ion Ratio Lower Upper

43 100

61 20.2 17.2 25.8

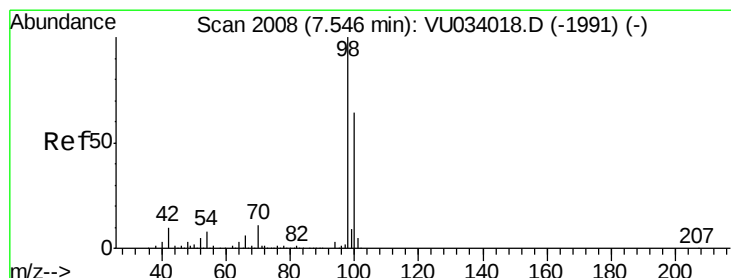
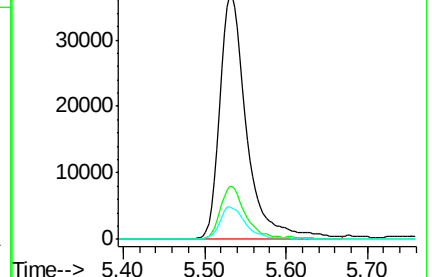
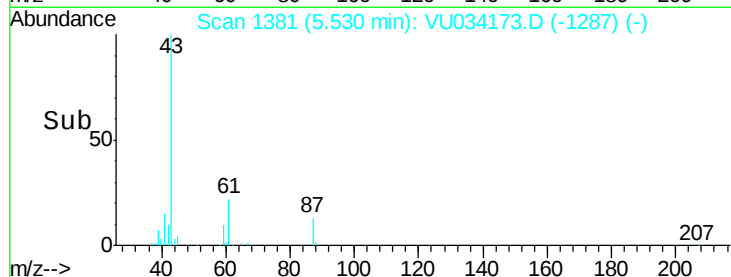
87 12.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034173.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034173.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034173.D (-1287) (-)



#50

Toluene-d8

Concen: 49.946 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034173.D

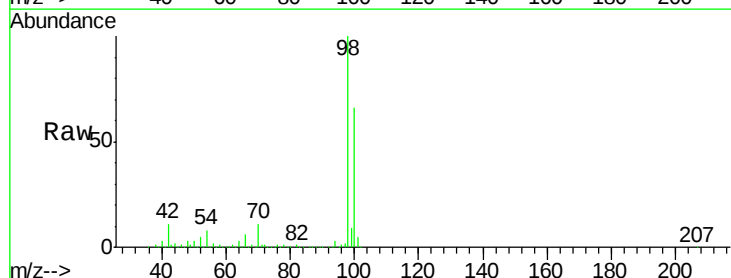
Acq: 01 Sep 2019 16:52

Tgt Ion: 98 Resp: 926764

Ion Ratio Lower Upper

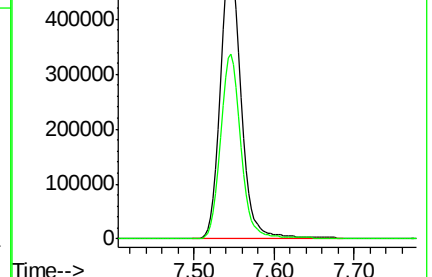
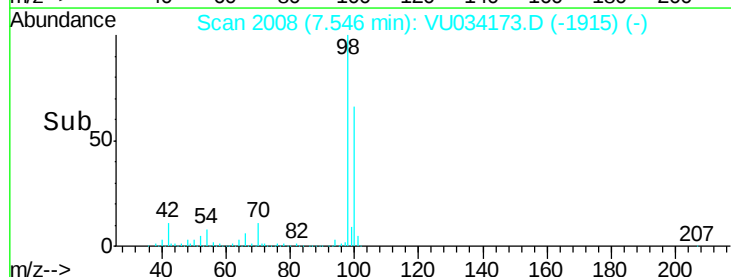
98 100

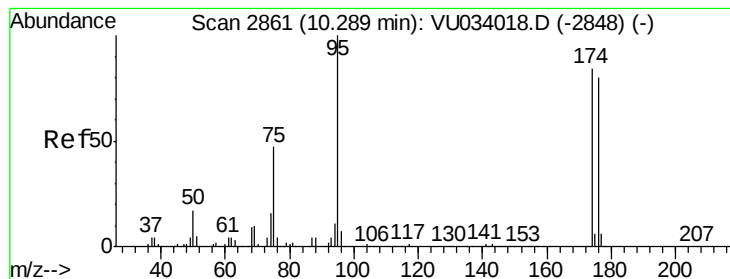
100 64.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034173.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034173.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 45.113 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(0)

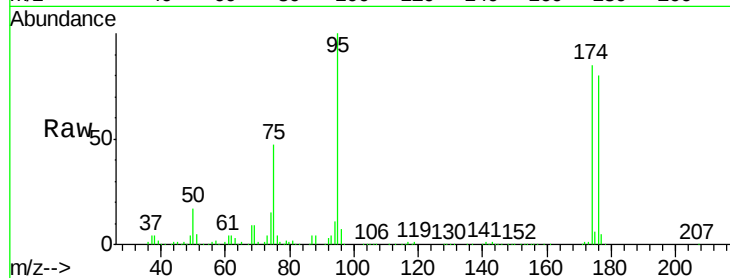
Tot Ion: 95 Resp: 325619

Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.8

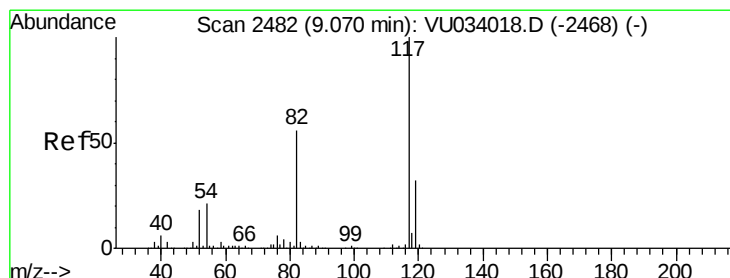
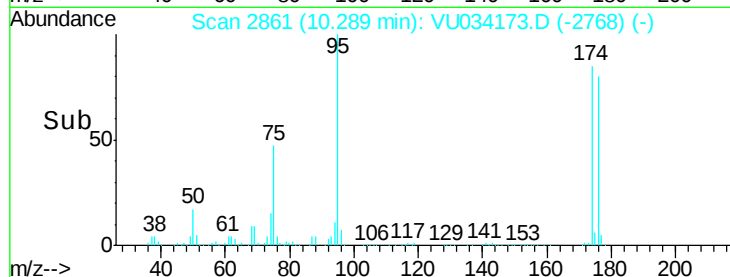
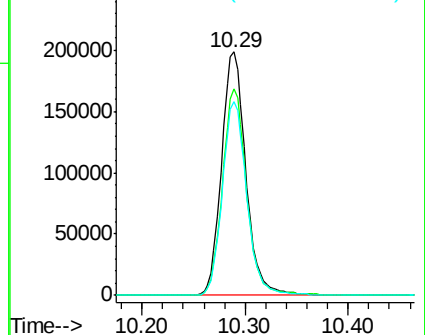
176 80.3 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034173.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034173.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034173.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

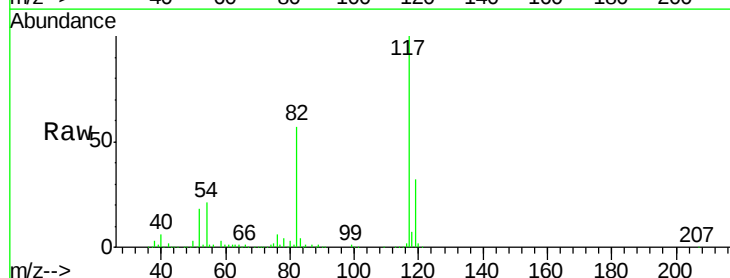
Tgt Ion: 117 Resp: 706465

Ion Ratio Lower Upper

117 100

82 56.5 45.1 67.7

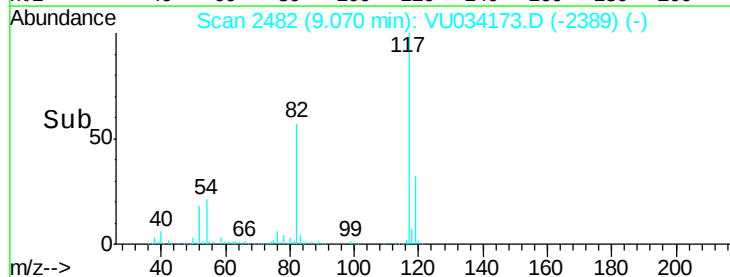
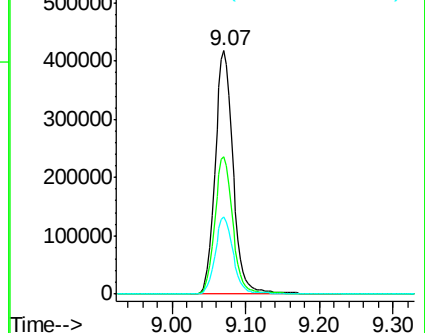
119 31.5 25.4 38.0

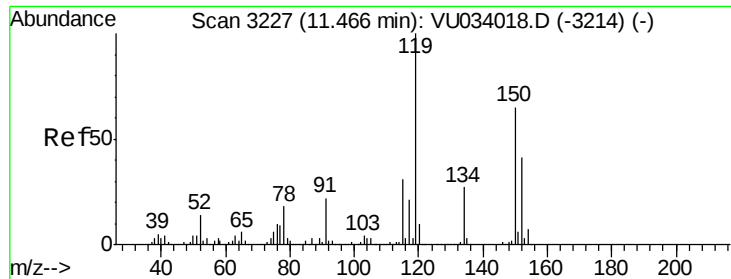


Abundance Ion 116.90 (116.60 to 117.60): VU034173.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034173.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034173.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034173.D

Acq: 01 Sep 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(0)

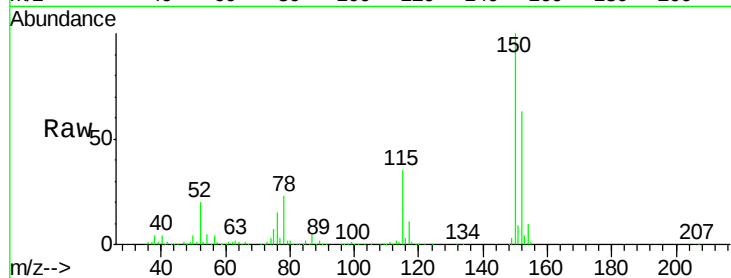
Tot Ion:152 Resp: 343700

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

150 157.4 0.0 348.8



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

