

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034039.D
 Acq On : 28 Aug 2019 21:34
 Operator : JC/SP
 Sample : K4525-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A3-(1.9)

Quant Time: Aug 29 05:21:22 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

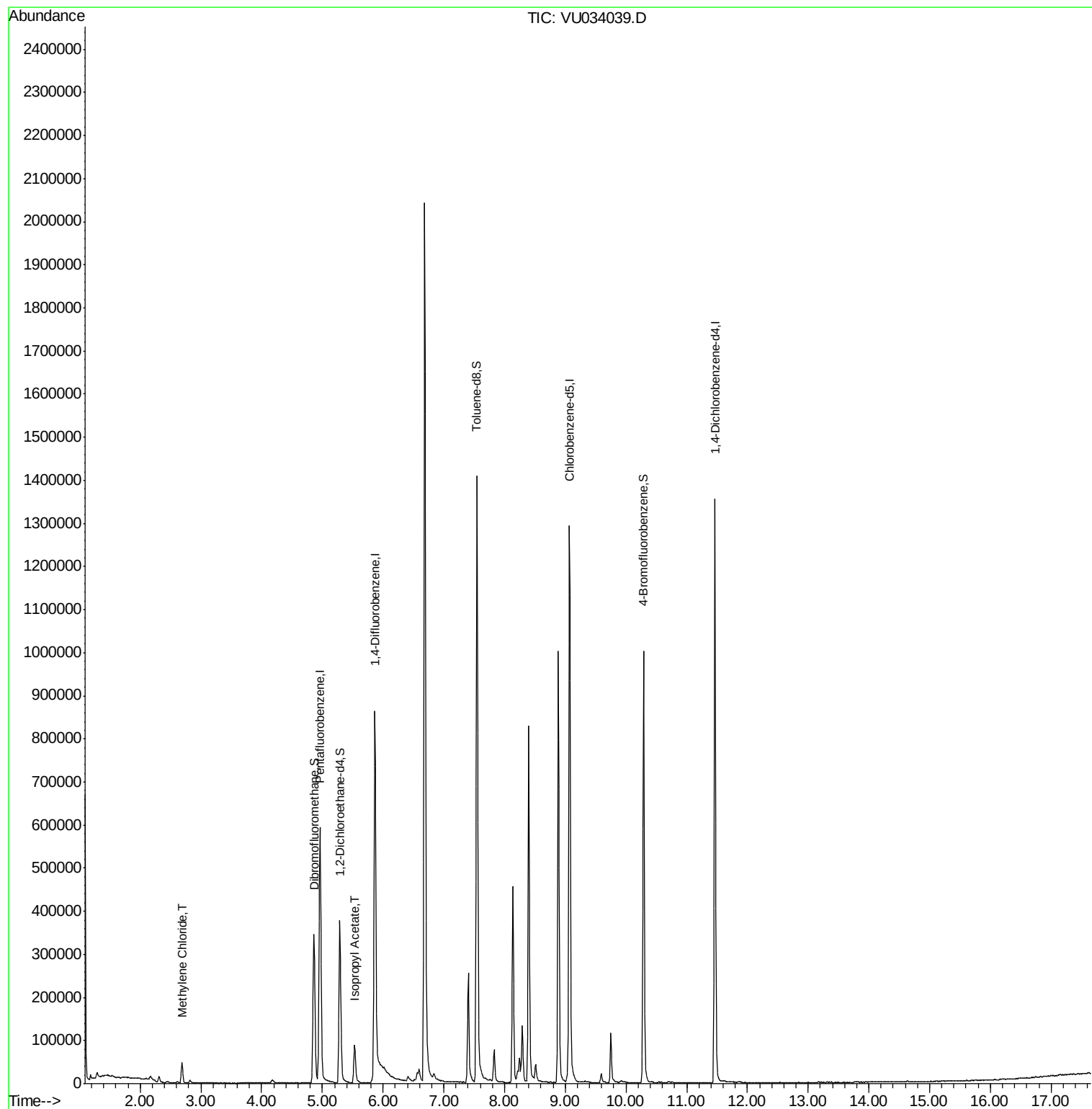
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	478008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	765278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	745329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	362743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	297950	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	4.86	113	248473	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	7.55	98	986352	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	10.29	95	344048	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
20) Methylene Chloride	2.69	84	21193	3.582	ug/l	97
43) Isopropyl Acetate	5.53	43	104515	8.475	ug/l	98

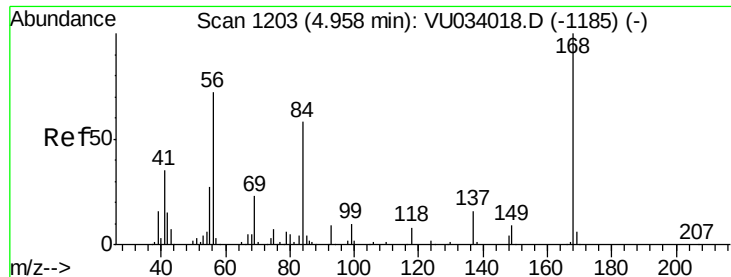
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034039.D

Acq: 28 Aug 2019 21:34

Instrument :

MSVOA_U

ClientSampleId :

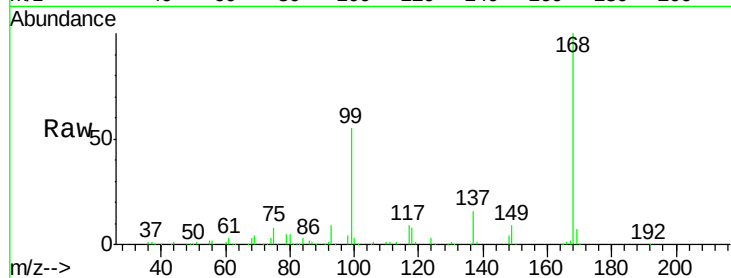
T9-12-13-A3-(1.9)

Tot Ion:168 Resp: 478008

Ion Ratio Lower Upper

168 100

99 55.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

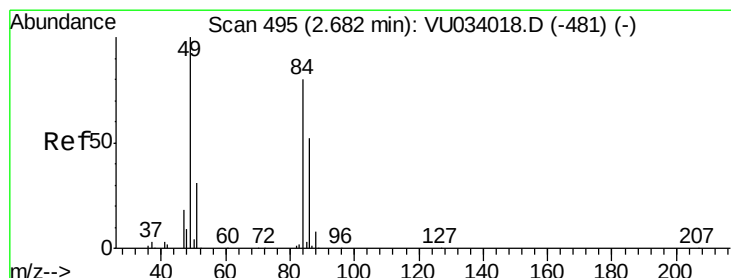
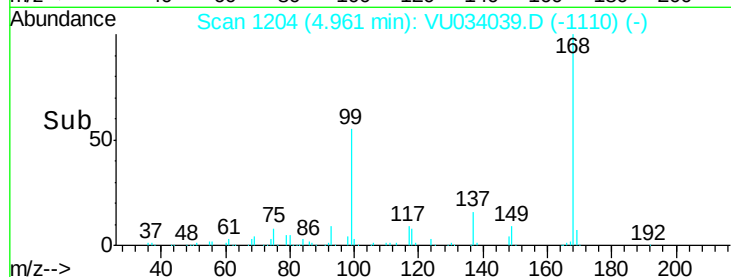
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.582 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034039.D

Acq: 28 Aug 2019 21:34

Tgt Ion: 84 Resp: 21193

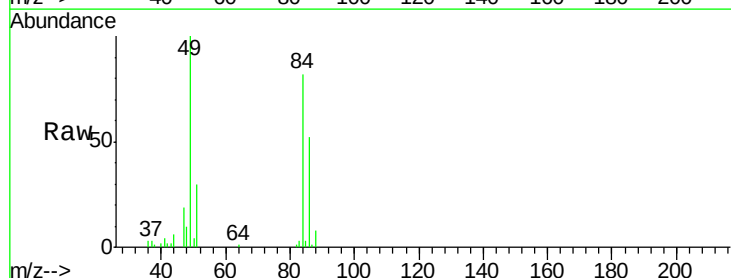
Ion Ratio Lower Upper

84 100

49 121.5 100.2 150.4

51 36.9 30.8 46.2

86 63.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

20000

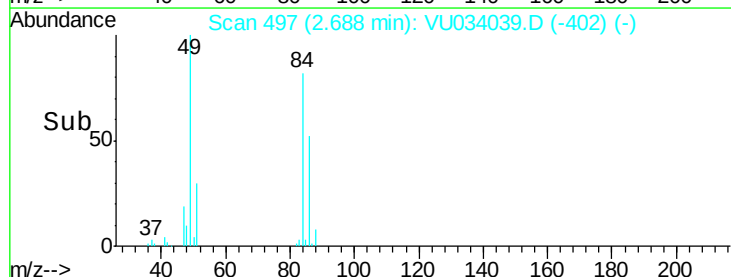
15000

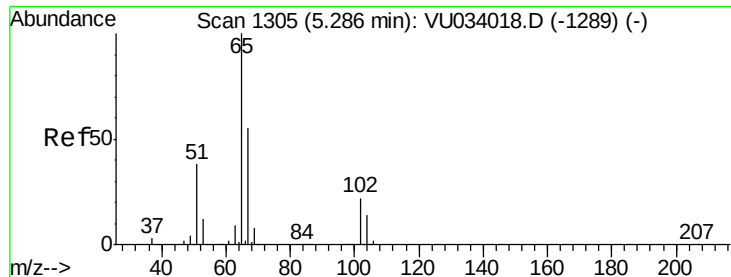
10000

5000

0

Time-->

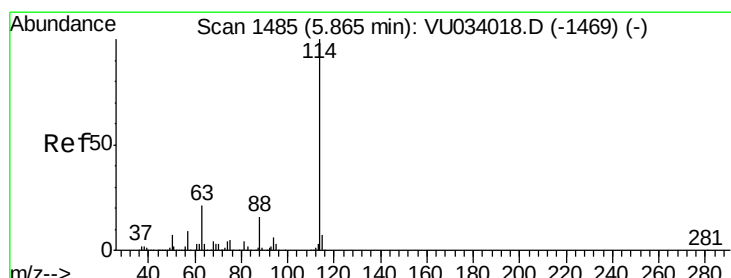
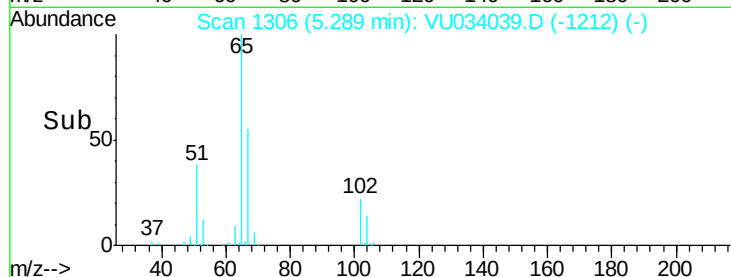
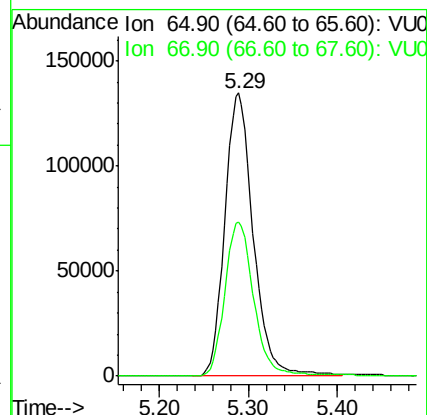
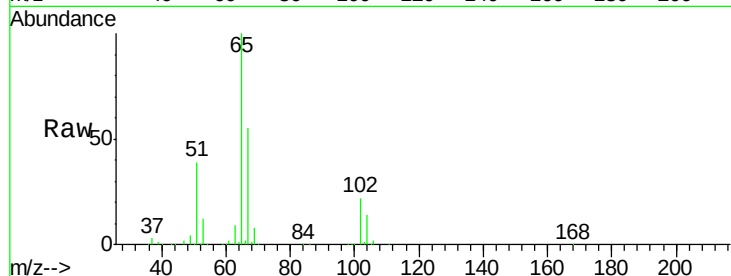




#33
 1,2-Dichloroethane-d4
 Concen: 48.646 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034039.D
 Acq: 28 Aug 2019 21:34

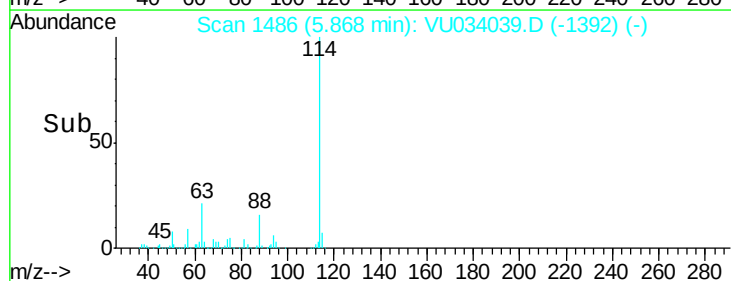
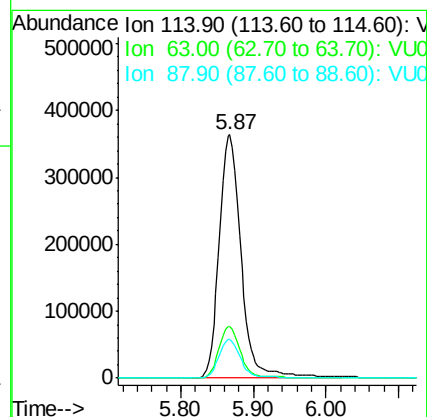
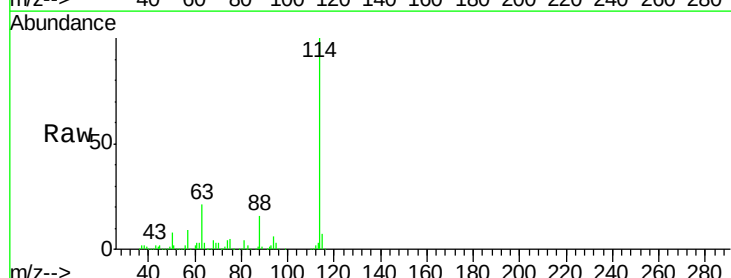
Instrument :
 MSVOA_U
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 T9-12-13-A3-(1.9)

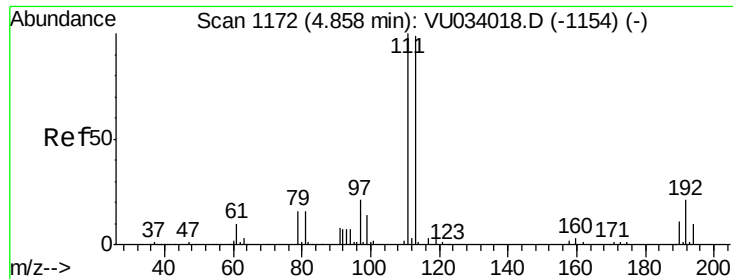
Tot Ion: 65 Resp: 297950
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034039.D
 Acq: 28 Aug 2019 21:34

Tgt Ion: 114 Resp: 765278
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.0
 88 15.9 0.0 32.0

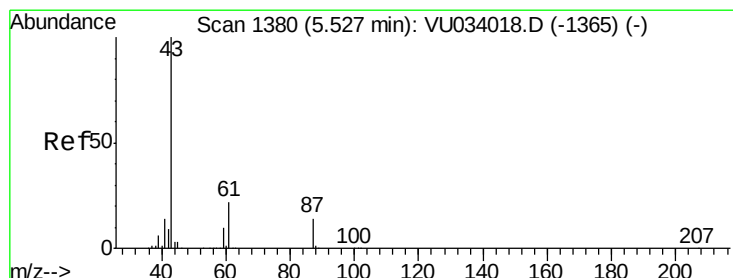
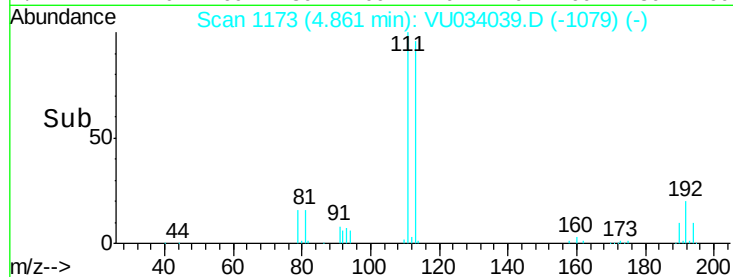
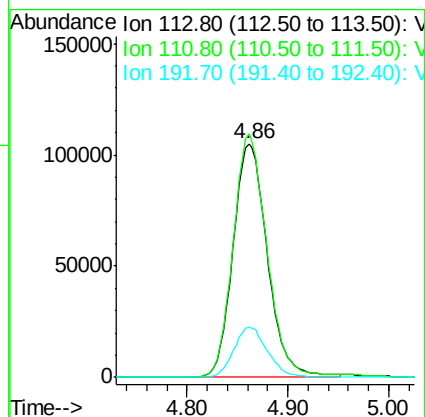
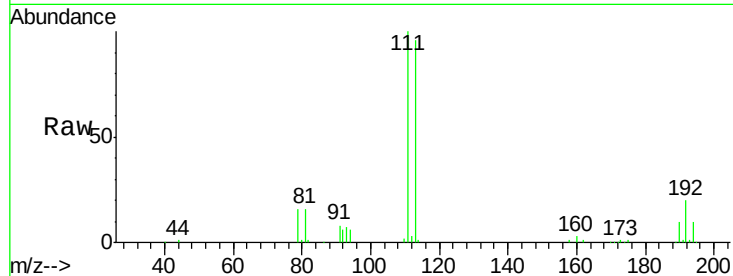




#35
 Dibromofluoromethane
 Concen: 46.812 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034039.D
 Acq: 28 Aug 2019 21:34

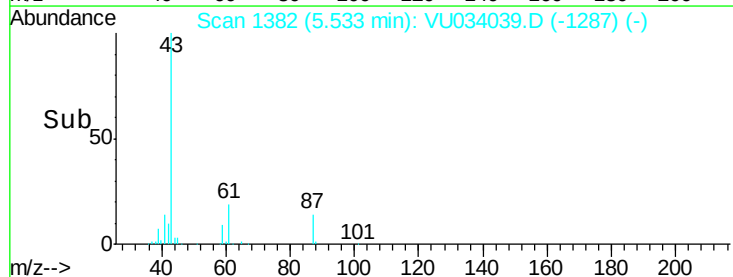
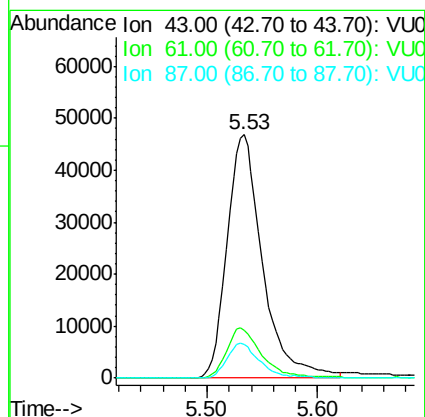
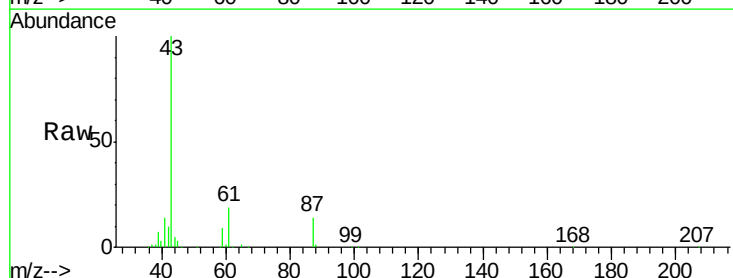
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A3-(1.9)

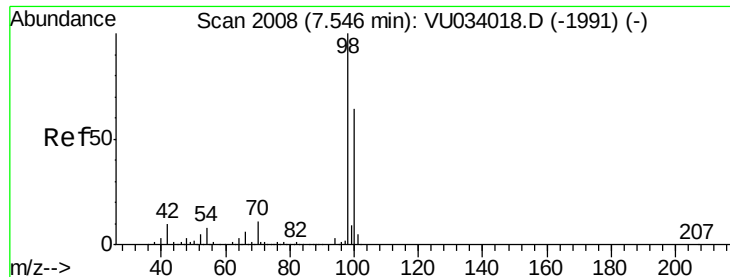
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	21.0	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 8.475 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034039.D
 Acq: 28 Aug 2019 21:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	17.2	25.8
87	12.8	10.8	16.2





#50

Toluene-d8

Concen: 49.628 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034039.D

Acq: 28 Aug 2019 21:34

Instrument :

MSVOA_U

ClientSampleId :

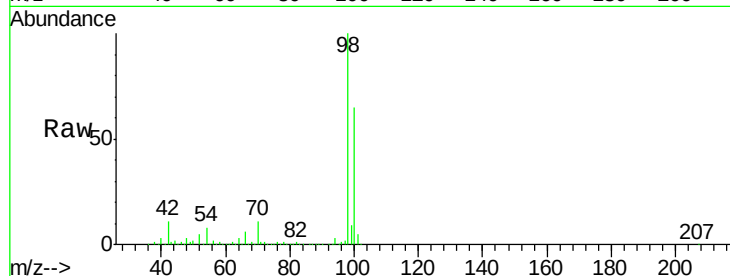
T9-12-13-A3-(1.9)

Tot Ion: 98 Resp: 986352

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034039.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034039.D (-1915) (-)

7.55

600000

500000

400000

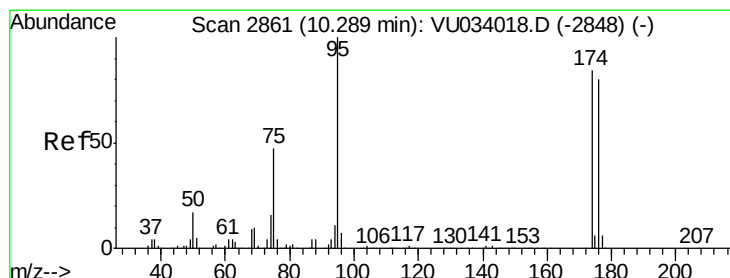
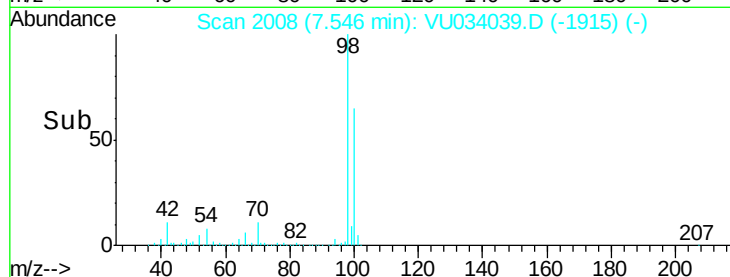
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 44.502 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034039.D

Acq: 28 Aug 2019 21:34

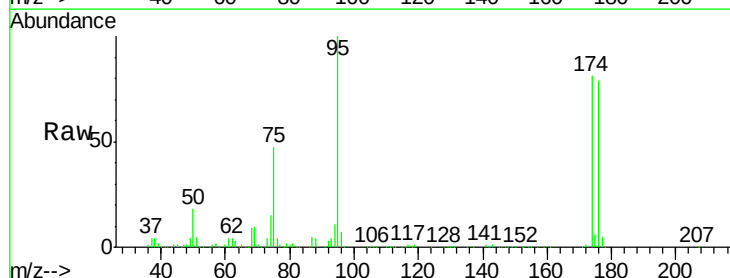
Tgt Ion: 95 Resp: 344048

Ion Ratio Lower Upper

95 100

174 83.5 0.0 168.8

176 80.4 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034039.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034039.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034039.D (-2768) (-)

10.29

250000

200000

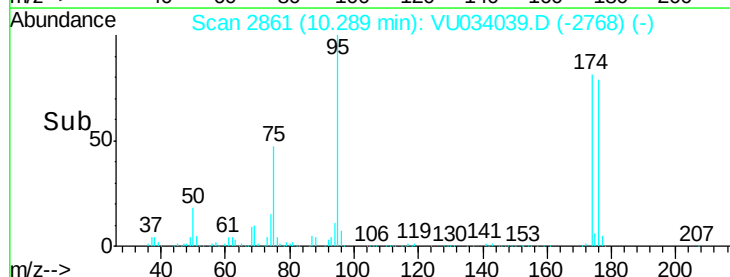
150000

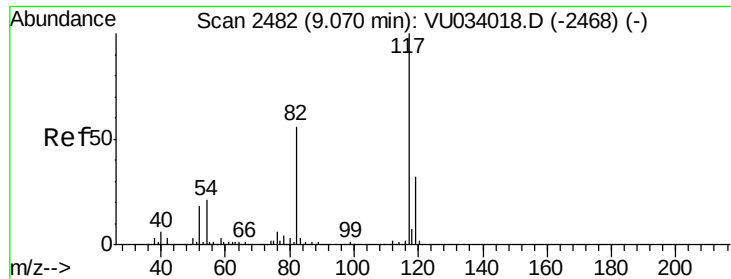
100000

50000

0

Time--> 10.20 10.30 10.40

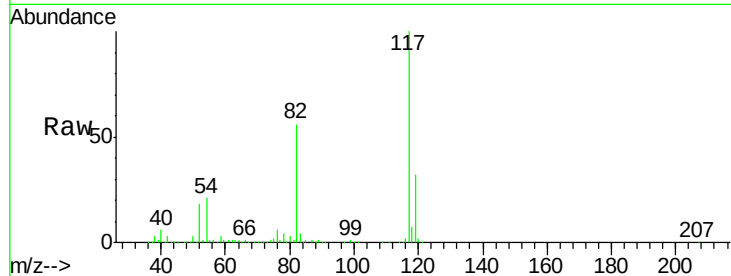




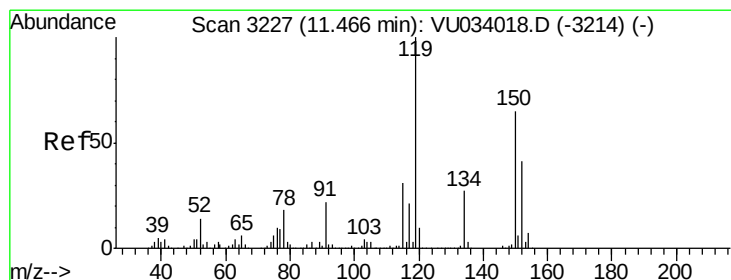
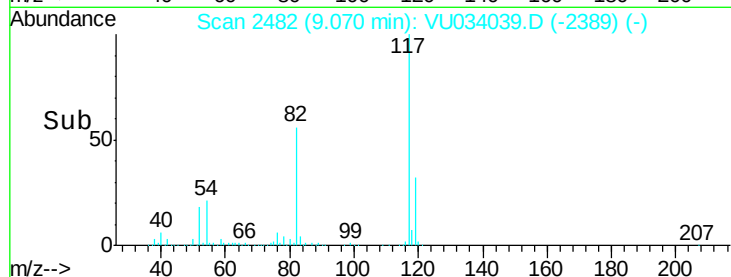
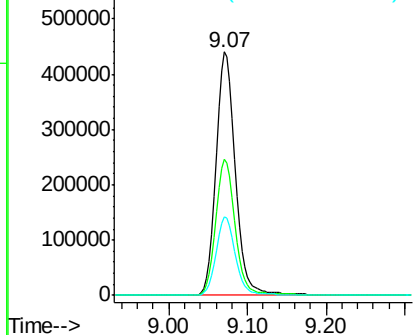
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034039.D
Acq: 28 Aug 2019 21:34

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-A3-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.1	67.7
119	32.0	25.4	38.0

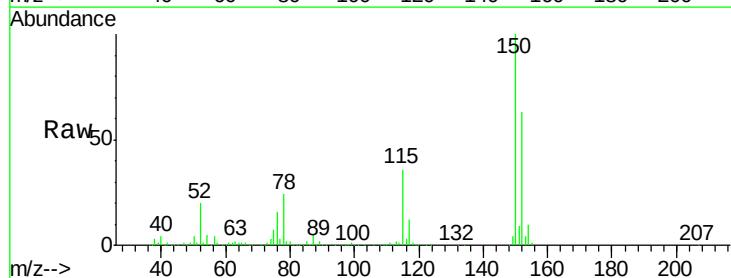


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034039.D
Acq: 28 Aug 2019 21:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.1	123.3
150	157.2	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

