

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034073.D
 Acq On : 29 Aug 2019 19:33
 Operator : JC/SP
 Sample : K4528-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-Q4-(0)

Quant Time: Aug 30 05:20:20 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

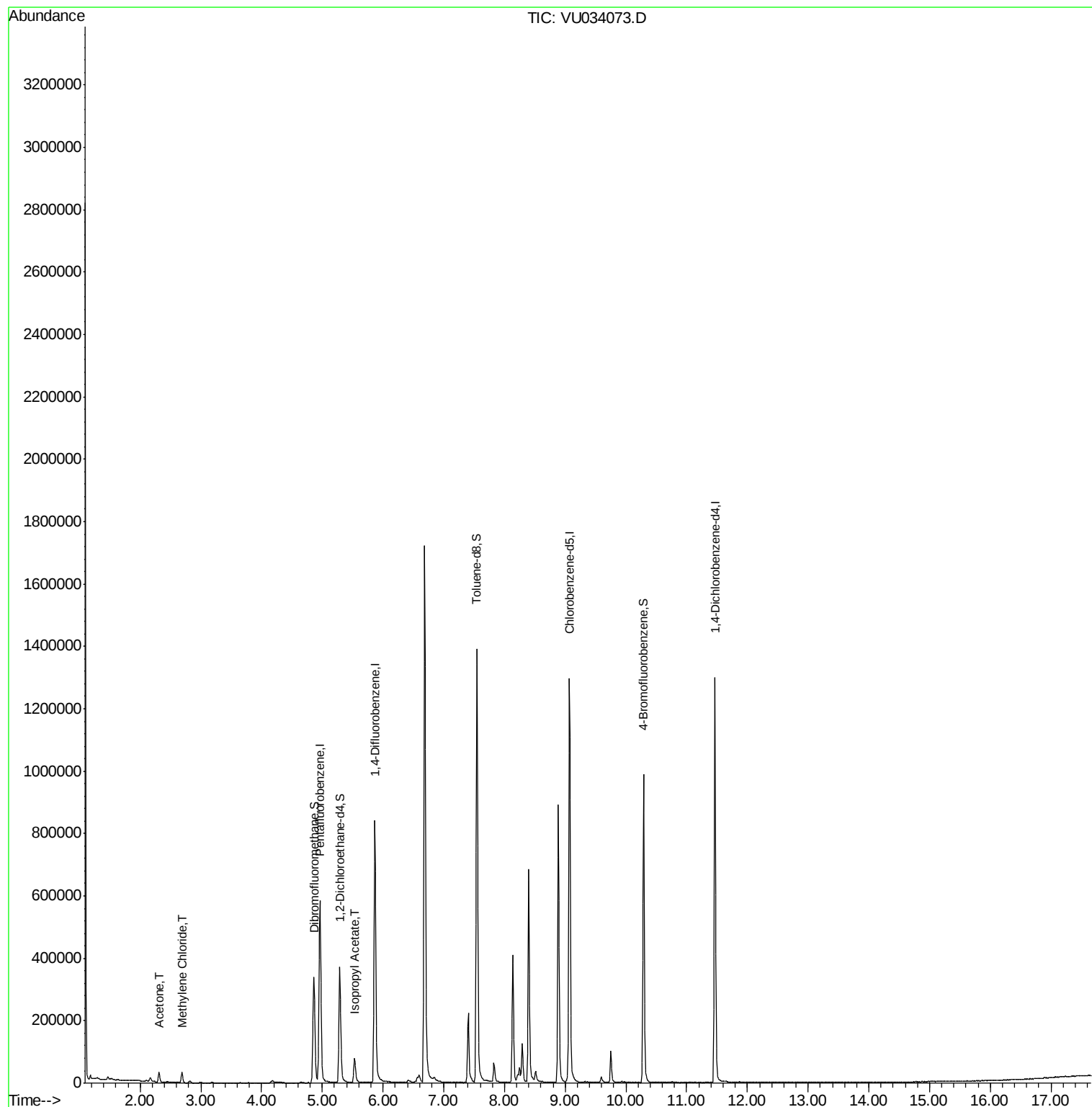
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	466695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	745461	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	746134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	362245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	295494	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
35) Dibromofluoromethane	4.86	113	245060	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	7.55	98	968326	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	10.29	95	341817	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
16) Acetone	2.31	43	35522	11.642	ug/l	98
20) Methylene Chloride	2.69	84	14565	2.521	ug/l	96
43) Isopropyl Acetate	5.53	43	90976	7.573	ug/l	99

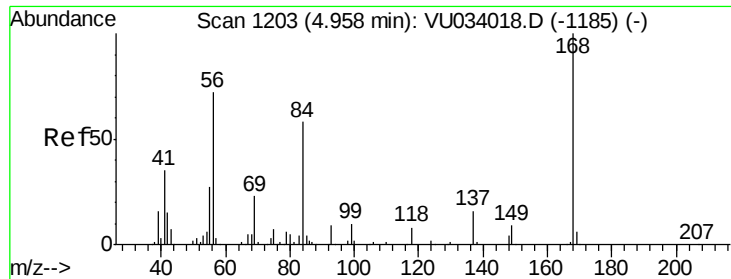
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083019\
Data File : VU034073.D
Acq On : 29 Aug 2019 19:33
Operator : JC/SP
Sample : K4528-23
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q4-(0)

Quant Time: Aug 30 05:20:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
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: VU034073.D

Acq: 29 Aug 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

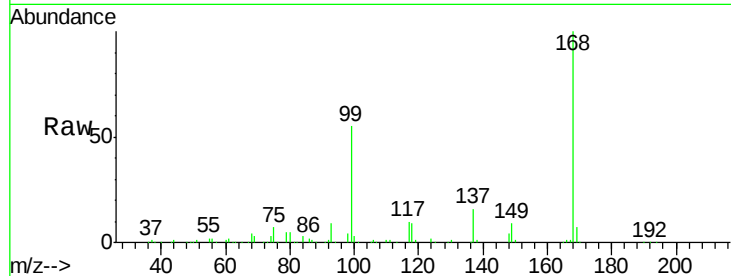
T9-12-13-Q4-(0)

Tot Ion:168 Resp: 466695

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

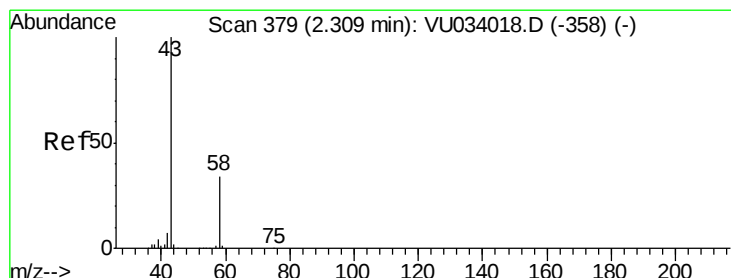
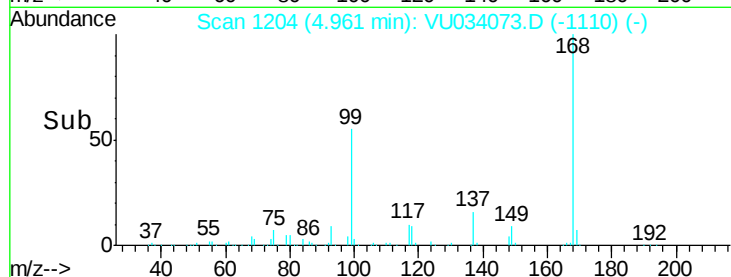
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.642 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034073.D

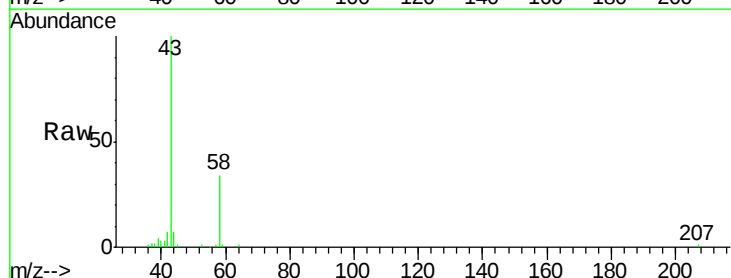
Acq: 29 Aug 2019 19:33

Tgt Ion: 43 Resp: 35522

Ion Ratio Lower Upper

43 100

58 34.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

25000

20000

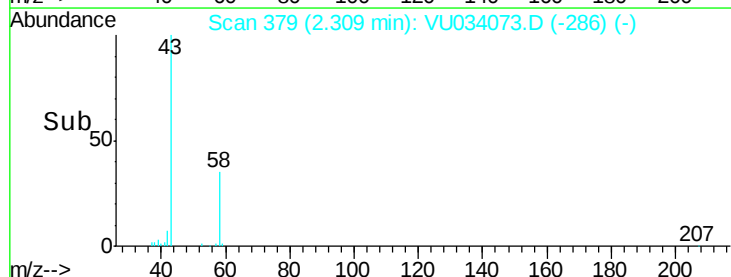
15000

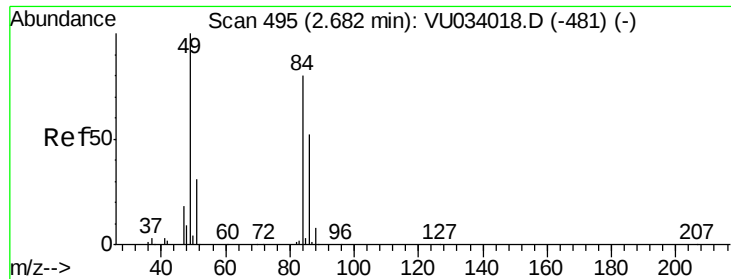
10000

5000

0

Time-->

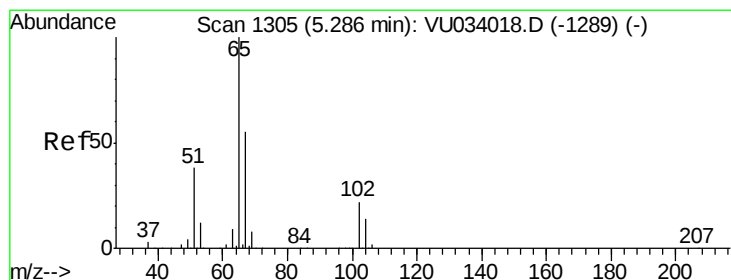
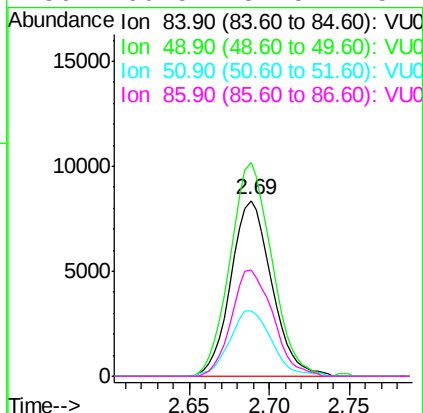
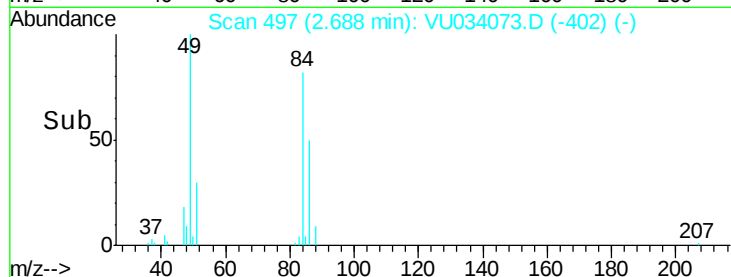
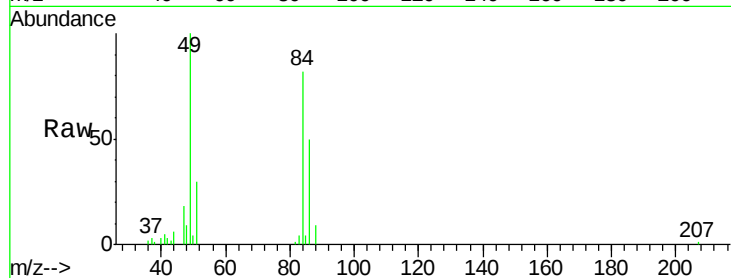




#20
Methvlene Chloride
Concen: 2.521 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034073.D
Acq: 29 Aug 2019 19:33

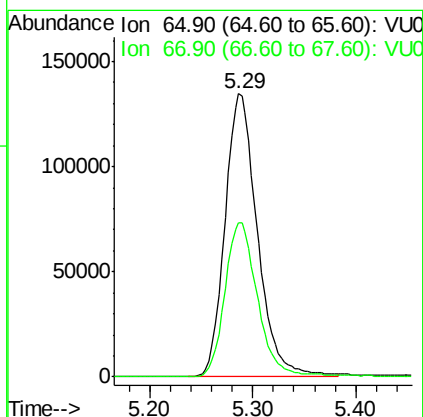
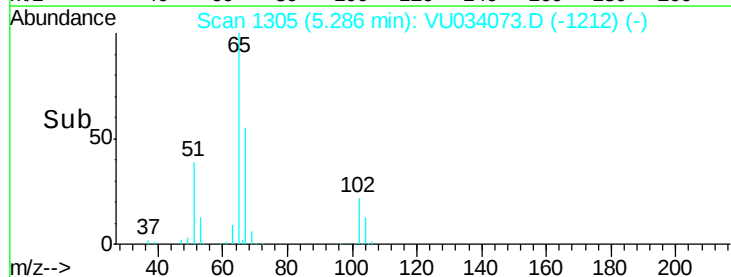
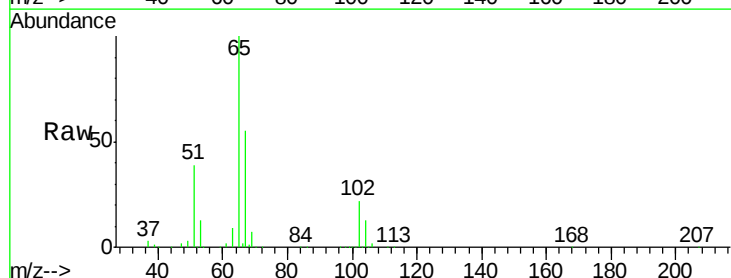
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q4-(0)

Tot Ion: 84 Resp: 14565
Ion Ratio Lower Upper
84 100
49 121.5 100.2 150.4
51 36.9 30.8 46.2
86 60.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.414 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034073.D
Acq: 29 Aug 2019 19:33

Tgt Ion: 65 Resp: 295494
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6

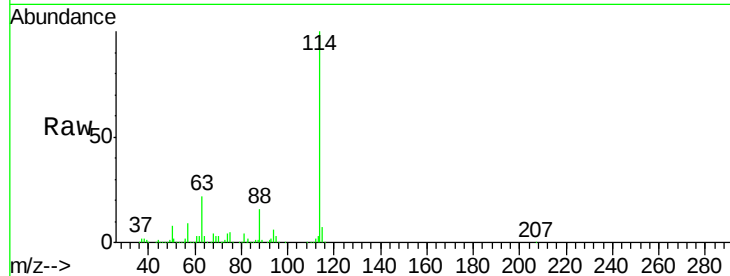




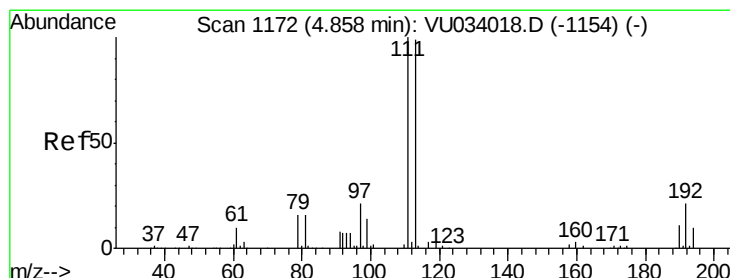
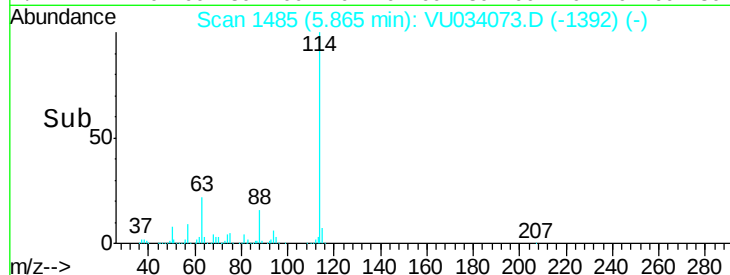
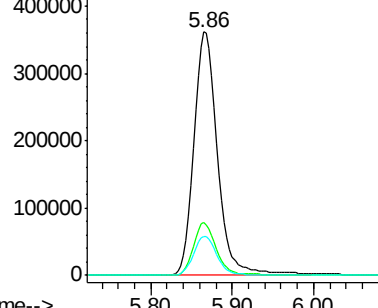
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034073.D
 Acq: 29 Aug 2019 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-Q4-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.0
88	16.2	0.0	32.0

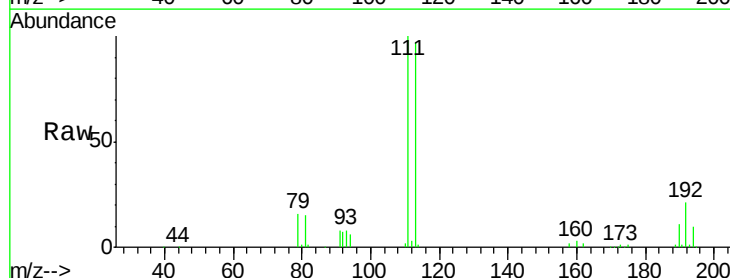


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

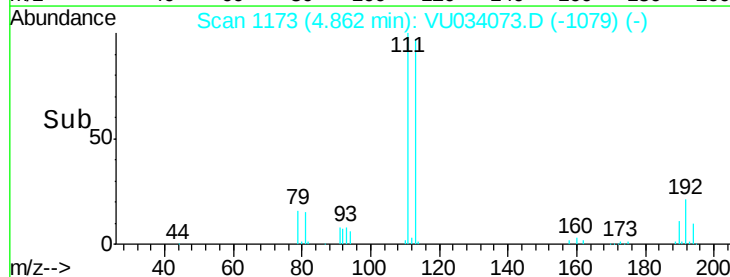
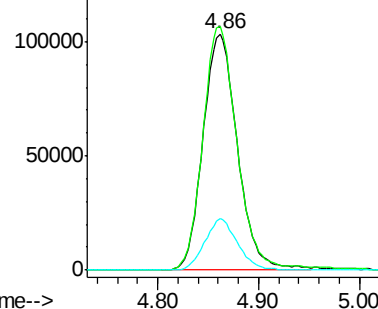


#35
 Dibromofluoromethane
 Concen: 47.396 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034073.D
 Acq: 29 Aug 2019 19:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.7	122.5
192	20.8	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: 7.573 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034073.D

Acq: 29 Aug 2019 19:33

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q4-(0)

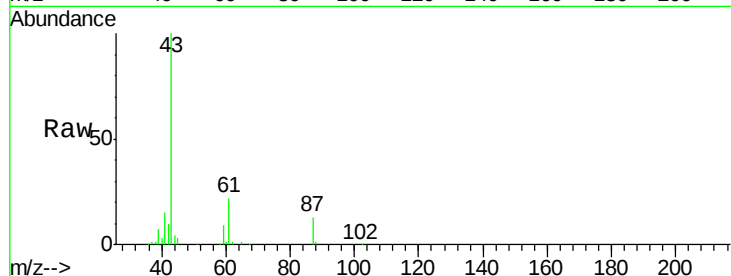
Tot Ion: 43 Resp: 90976

Ion Ratio Lower Upper

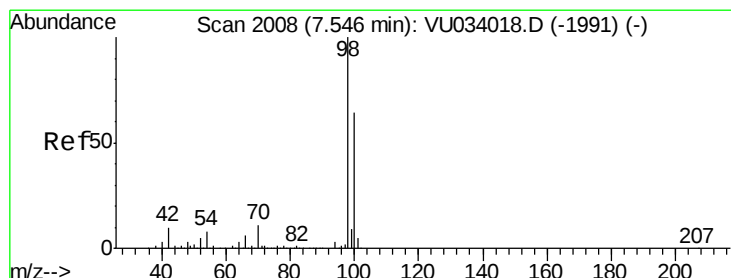
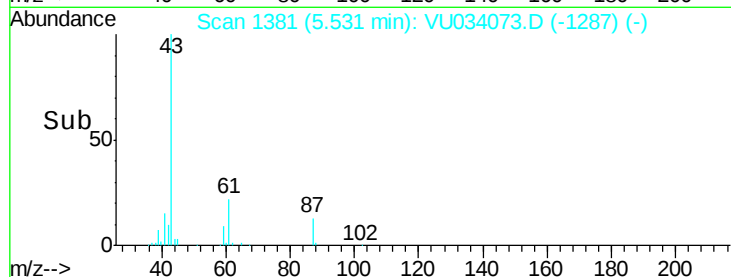
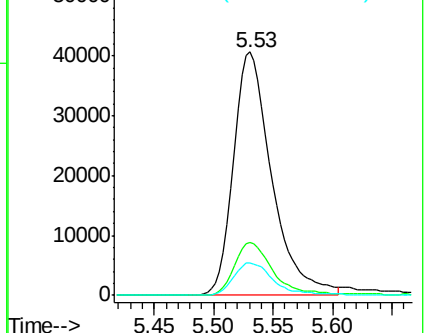
43 100

61 21.6 17.2 25.8

87 14.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 50.017 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034073.D

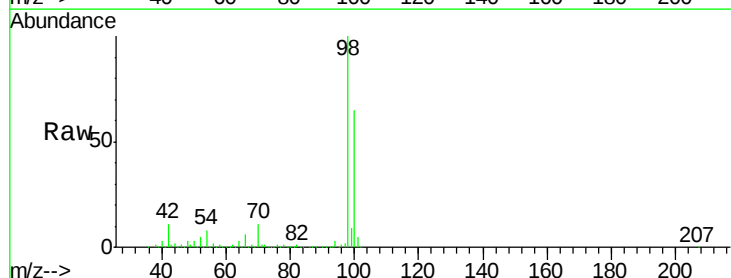
Acq: 29 Aug 2019 19:33

Tgt Ion: 98 Resp: 968326

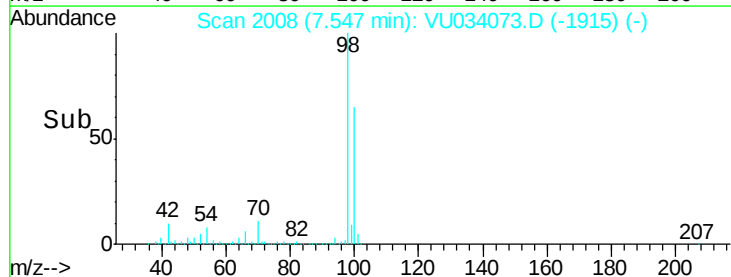
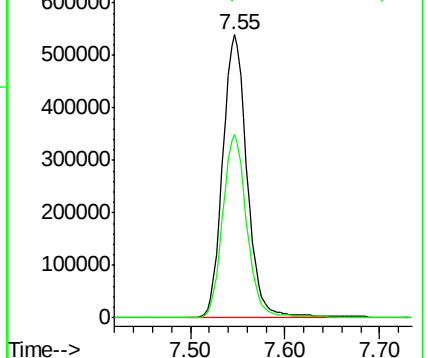
Ion Ratio Lower Upper

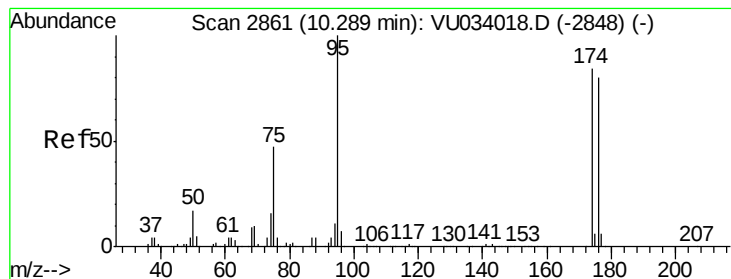
98 100

100 63.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.389 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034073.D

Acq: 29 Aug 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(0)

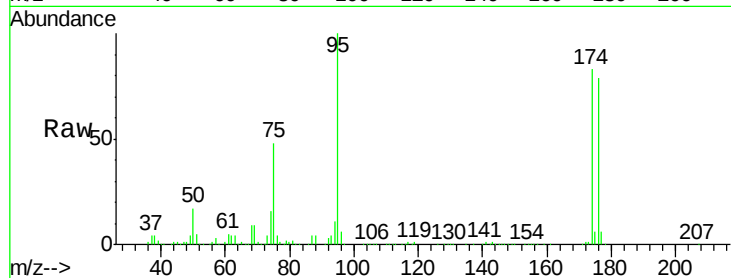
Tot Ion: 95 Resp: 341817

Ion Ratio Lower Upper

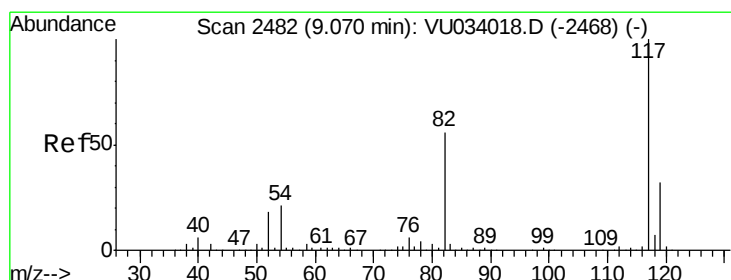
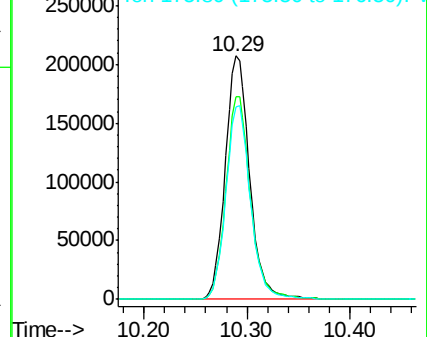
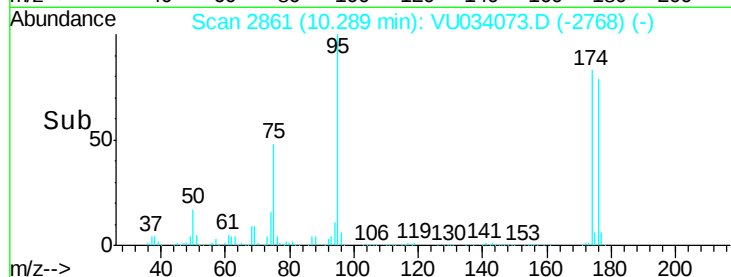
95 100

174 83.7 0.0 168.8

176 80.0 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034073.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034073.D

Acq: 29 Aug 2019 19:33

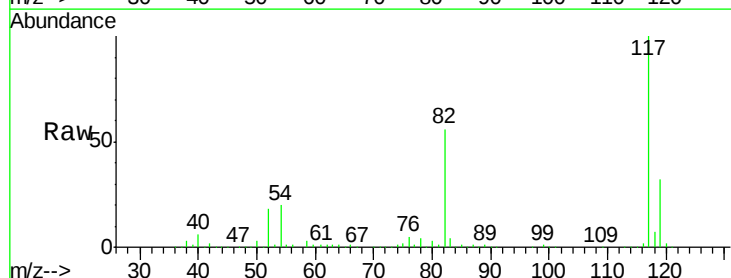
Tgt Ion: 117 Resp: 746134

Ion Ratio Lower Upper

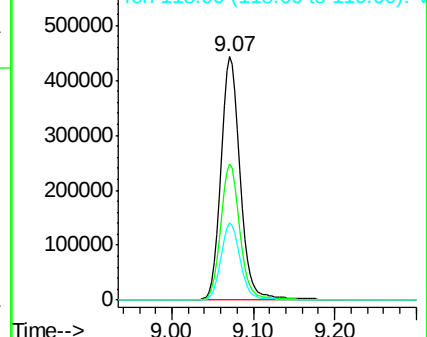
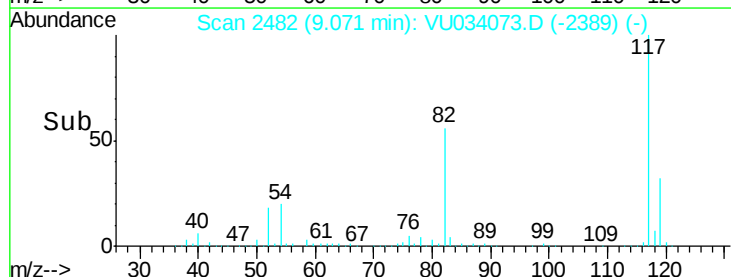
117 100

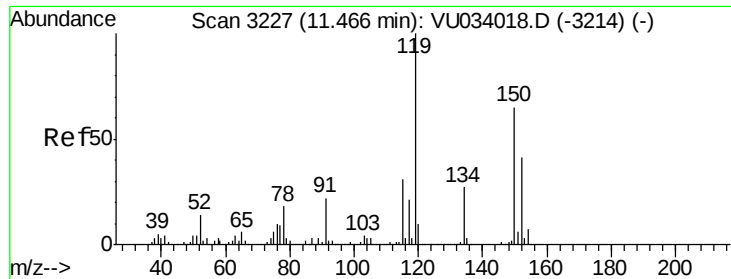
82 56.0 45.1 67.7

119 31.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VU034073.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034073.D

Acq: 29 Aug 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(0)

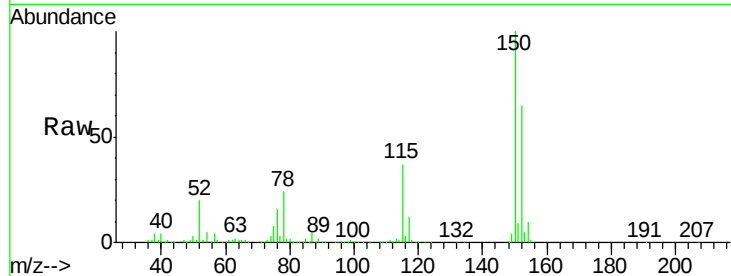
Tot Ion:152 Resp: 362245

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

150 155.6 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

