

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034044.D
 Acq On : 28 Aug 2019 23:31
 Operator : JC/SP
 Sample : K4525-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-B4-(0)

Quant Time: Aug 29 05:29:25 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

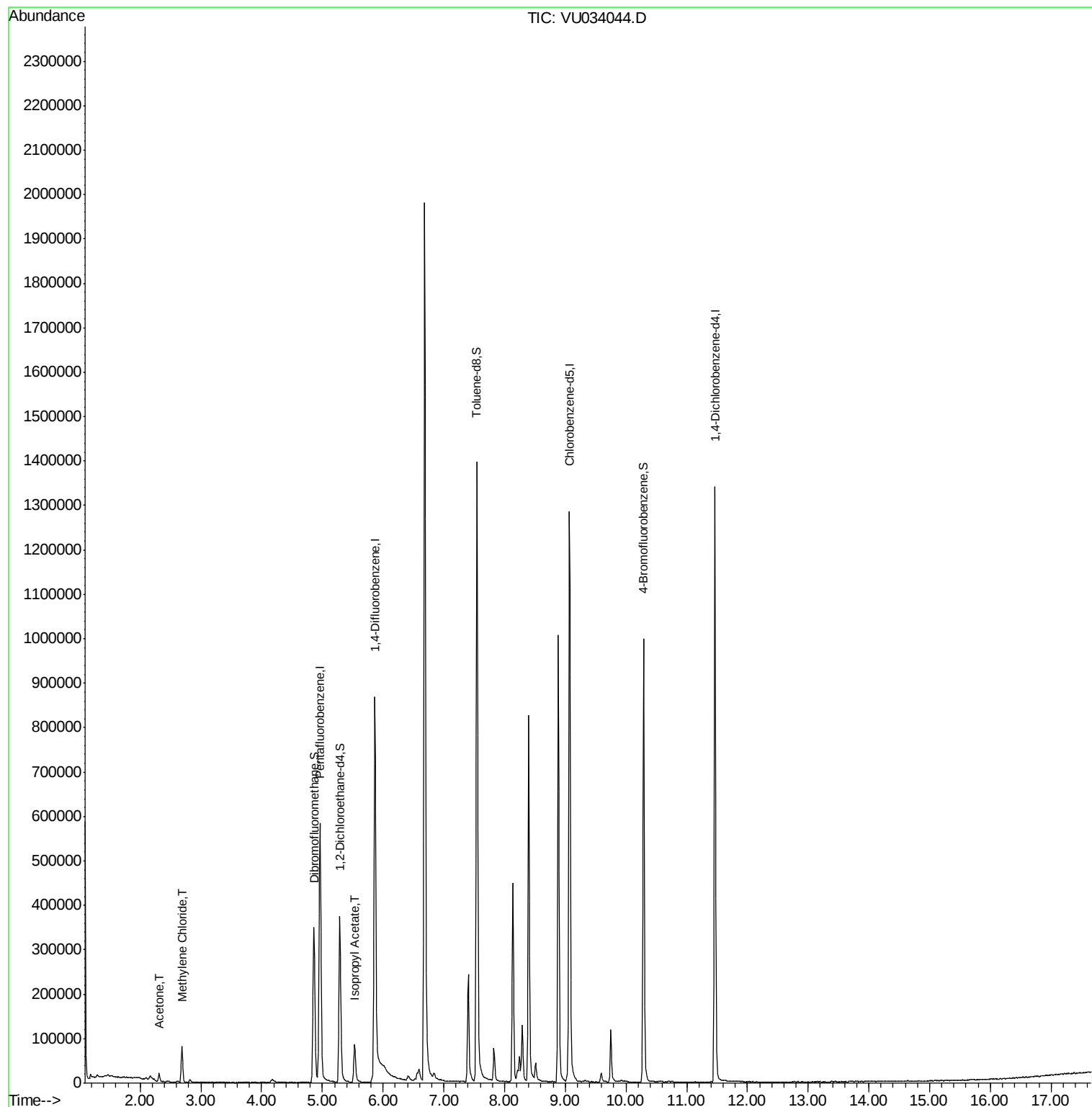
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	480015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	762795	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	745902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	364474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	298123	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	4.86	113	247163	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	7.55	98	976731	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.29	95	344164	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
16) Acetone	2.31	43	20059	6.392	ug/l	99
20) Methylene Chloride	2.69	84	34889	5.872	ug/l	98
43) Isopropyl Acetate	5.53	43	102166	8.312	ug/l	98

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

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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: VU034044.D

Acq: 28 Aug 2019 23:31

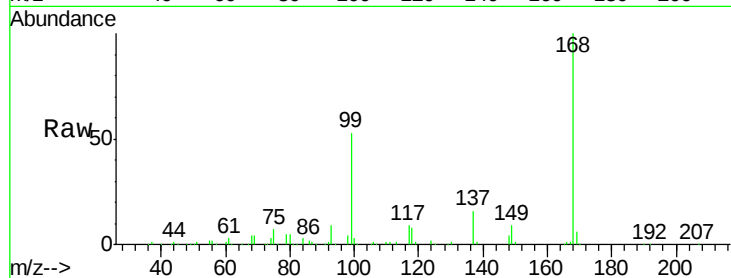
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B4-(0)

Tot Ion:168 Resp: 480015

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034044.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034044.D (-1185) (-)

4.96

200000

150000

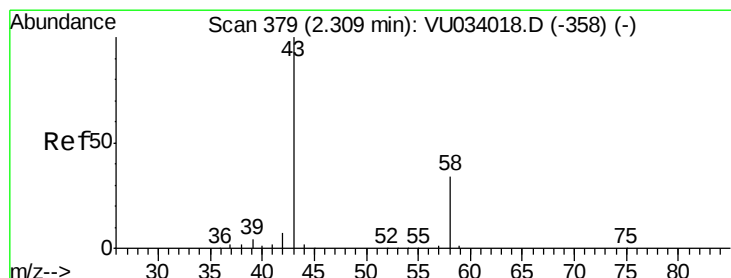
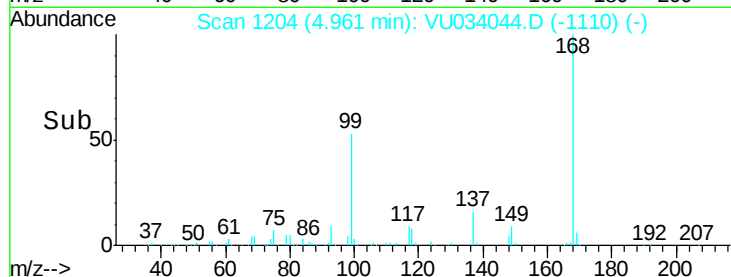
100000

50000

0

Time-->

4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 6.392 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034044.D

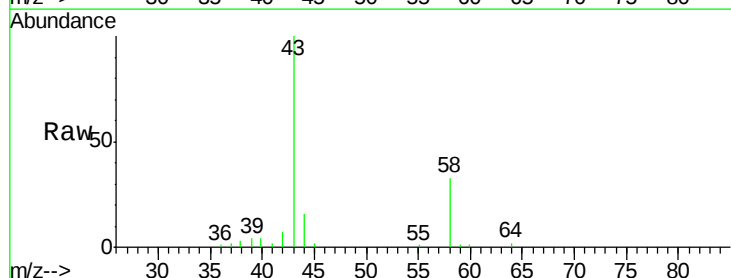
Acq: 28 Aug 2019 23:31

Tgt Ion: 43 Resp: 20059

Ion Ratio Lower Upper

43 100

58 33.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034044.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034044.D (-286) (-)

2.31

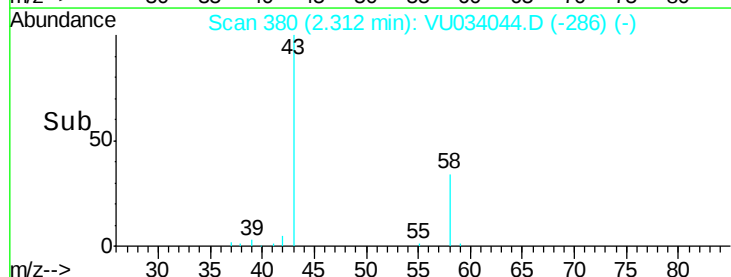
10000

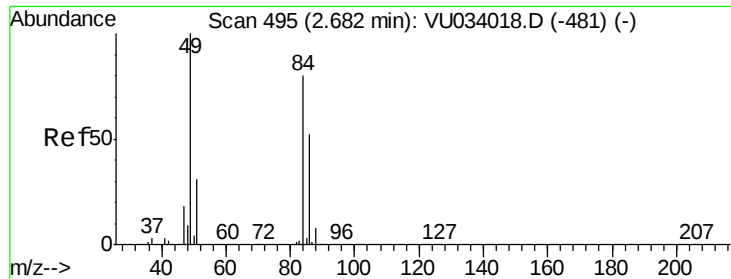
5000

0

Time-->

2.25 2.30 2.35 2.40

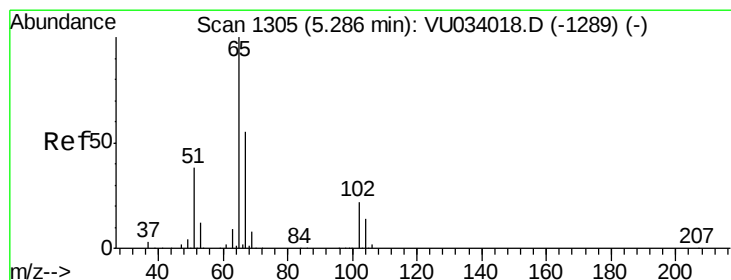
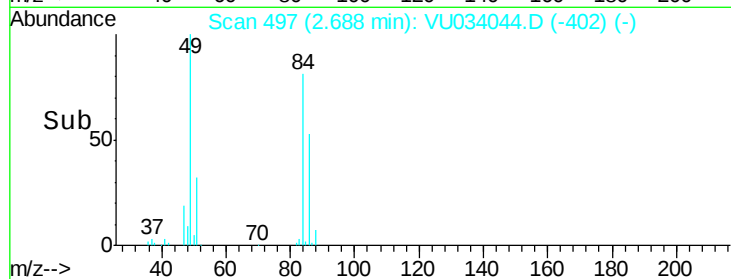
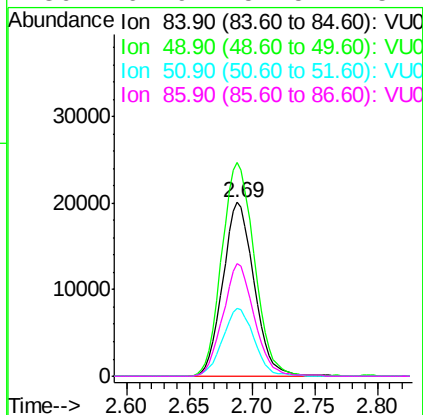
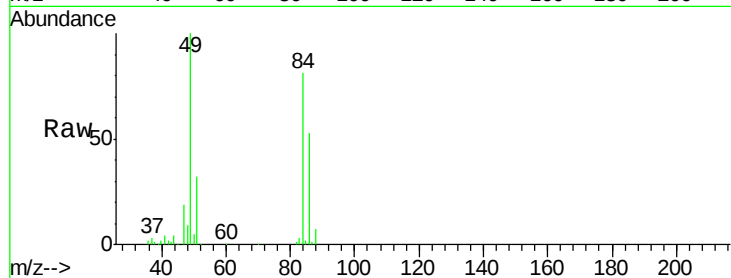




#20
Methvlene Chloride
Concen: 5.872 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034044.D
Acq: 28 Aug 2019 23:31

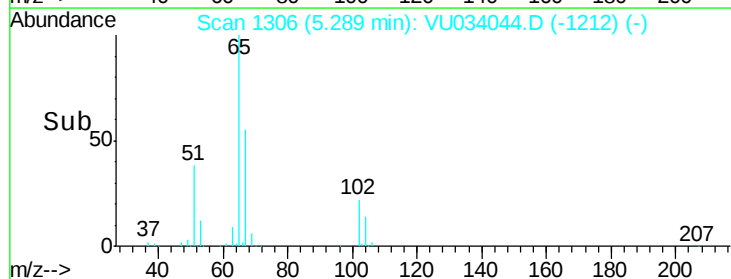
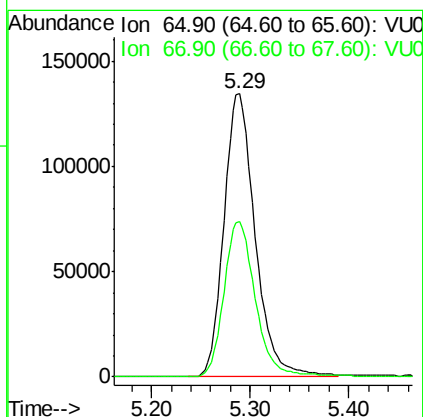
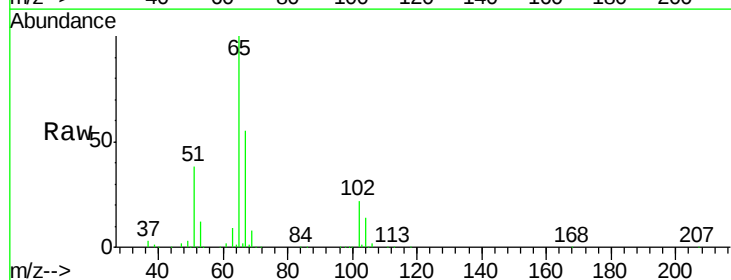
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B4-(0)

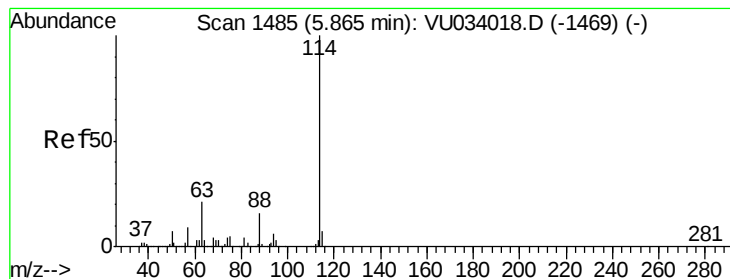
Tot Ion: 84 Resp: 34889
Ion Ratio Lower Upper
84 100
49 122.8 100.2 150.4
51 39.2 30.8 46.2
86 64.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.470 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034044.D
Acq: 28 Aug 2019 23:31

Tgt Ion: 65 Resp: 298123
Ion Ratio Lower Upper
65 100
67 55.1 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: VU034044.D

Acq: 28 Aug 2019 23:31

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B4-(0)

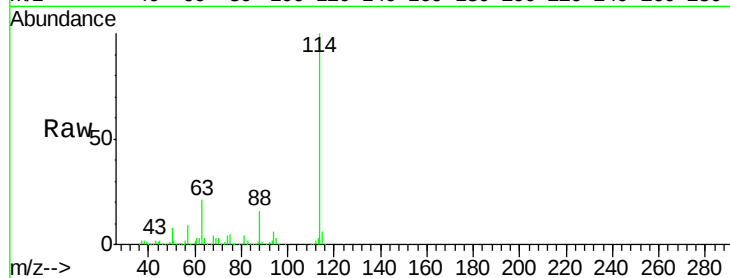
Tot Ion:114 Resp: 762795

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

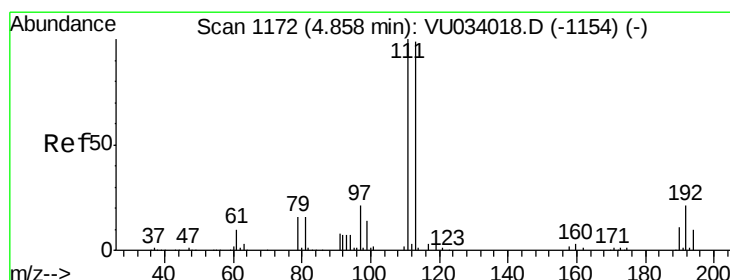
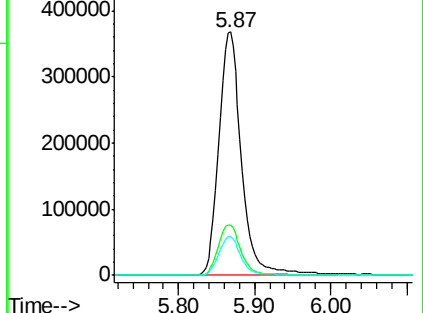
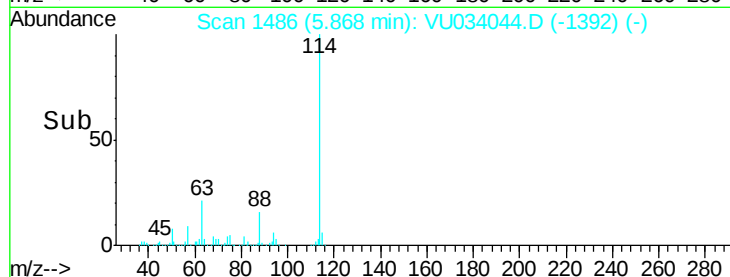
88 15.9 0.0 32.0



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: 46.717 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034044.D

Acq: 28 Aug 2019 23:31

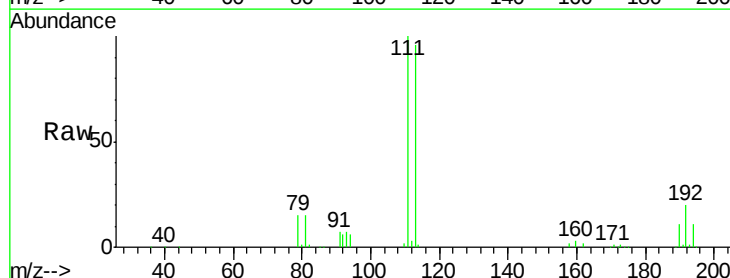
Tgt Ion:113 Resp: 247163

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

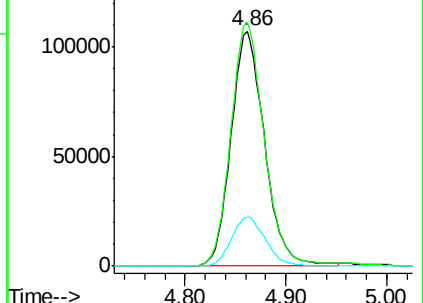
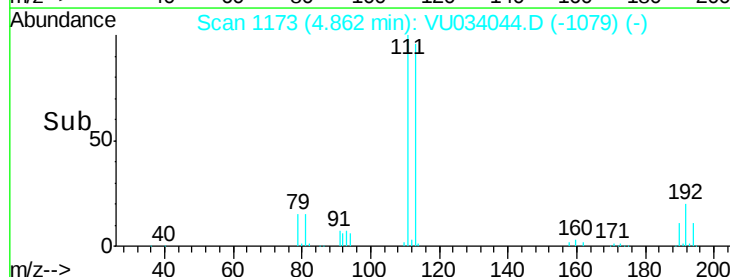
192 21.4 17.1 25.7

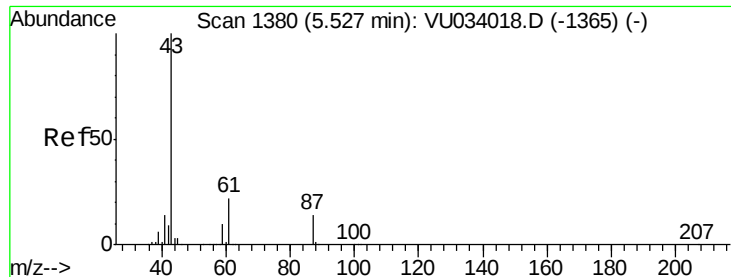


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

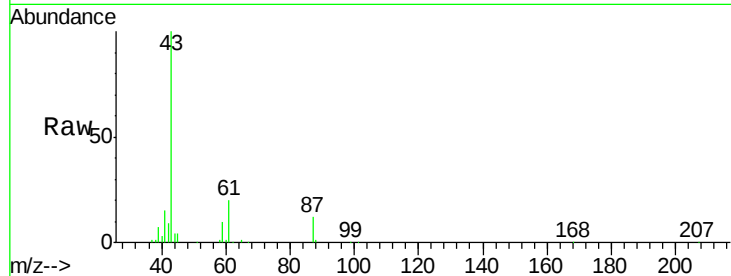




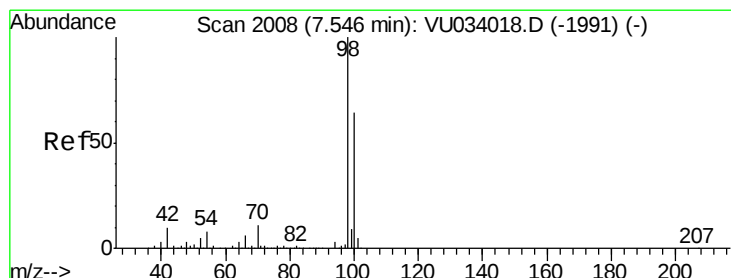
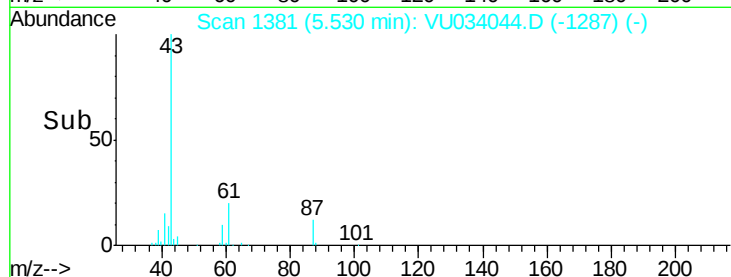
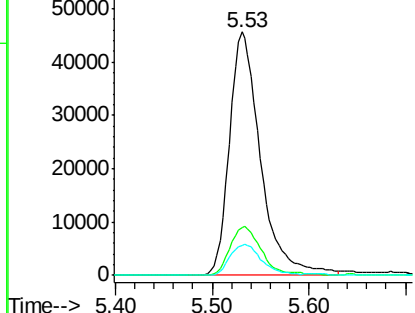
#43
Isopropyl Acetate
Concen: 8.312 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034044.D
Acq: 28 Aug 2019 23:31

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B4-(0)

Tot Ion: 43 Resp: 102166
Ion Ratio Lower Upper
43 100
61 20.6 17.2 25.8
87 13.0 10.8 16.2

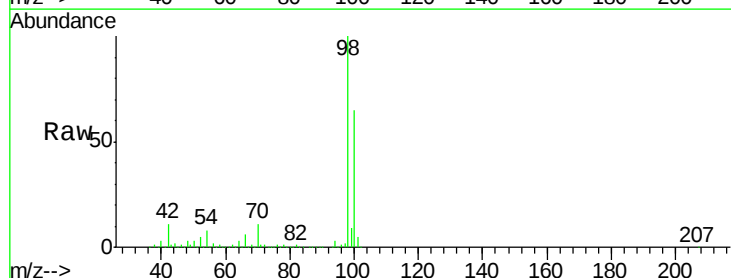


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

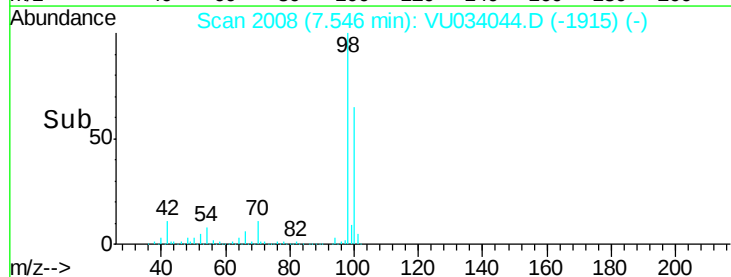
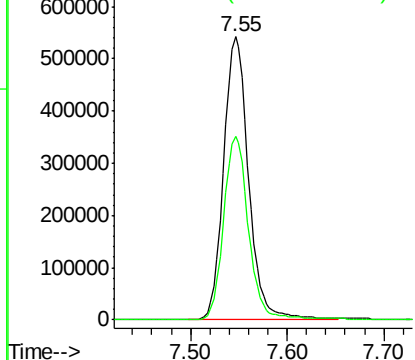


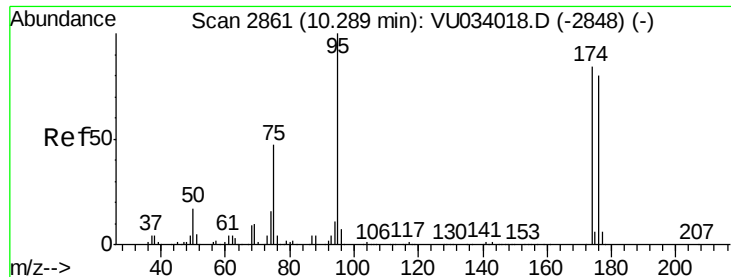
#50
Toluene-d8
Concen: 49.304 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034044.D
Acq: 28 Aug 2019 23:31

Tgt Ion: 98 Resp: 976731
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



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

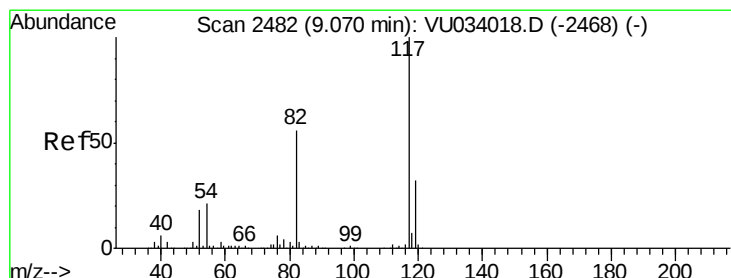
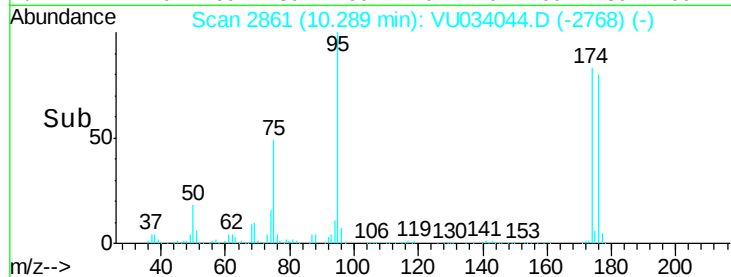
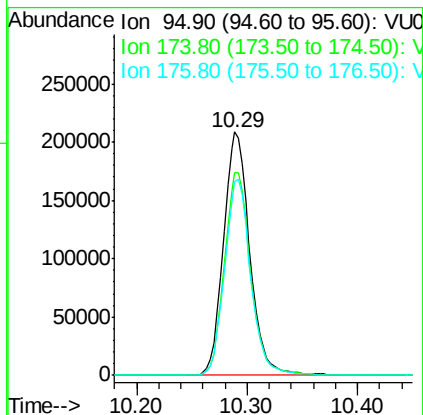
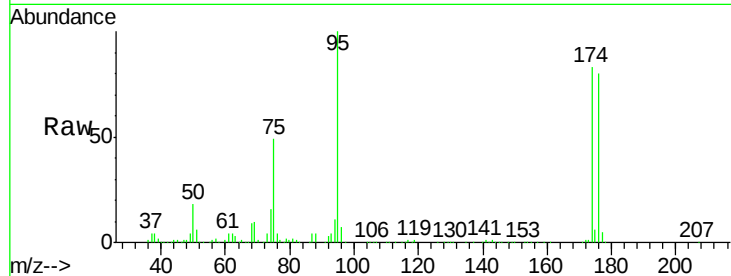




#62
4-Bromofluorobenzene
Concen: 44.662 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034044.D
Acq: 28 Aug 2019 23:31

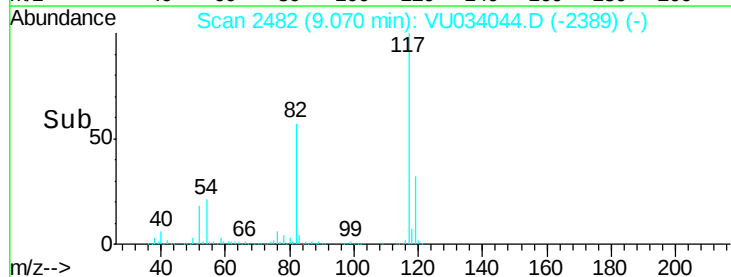
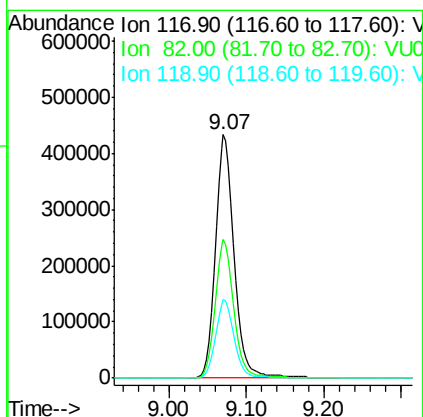
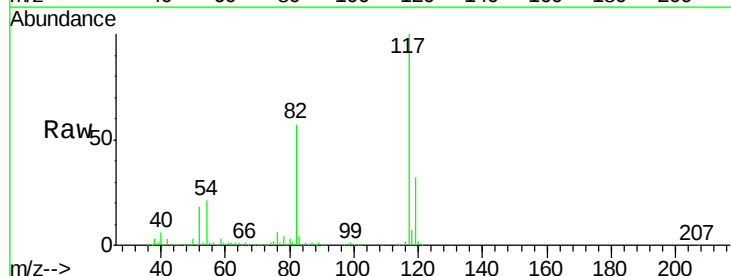
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B4-(0)

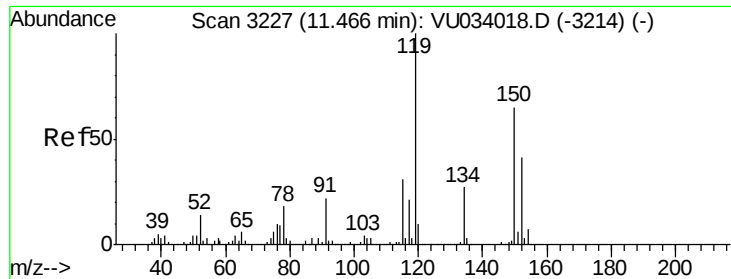
Tot Ion	95	Resp	344164
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	168.8
176	80.4	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034044.D
Acq: 28 Aug 2019 23:31

Tgt Ion	117	Resp	745902
Ion Ratio	Lower	Upper	
117	100		
82	57.1	45.1	67.7
119	32.0	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034044.D

Acq: 28 Aug 2019 23:31

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B4-(0)

Tot Ion:152 Resp: 364474

Ion Ratio Lower Upper

152 100

115 56.8 41.1 123.3

150 156.1 0.0 348.8

