

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034503.D
 Acq On : 12 Sep 2019 02:26
 Operator : JC/SP
 Sample : K4643-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B1-(0)

Quant Time: Sep 12 06:44:52 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

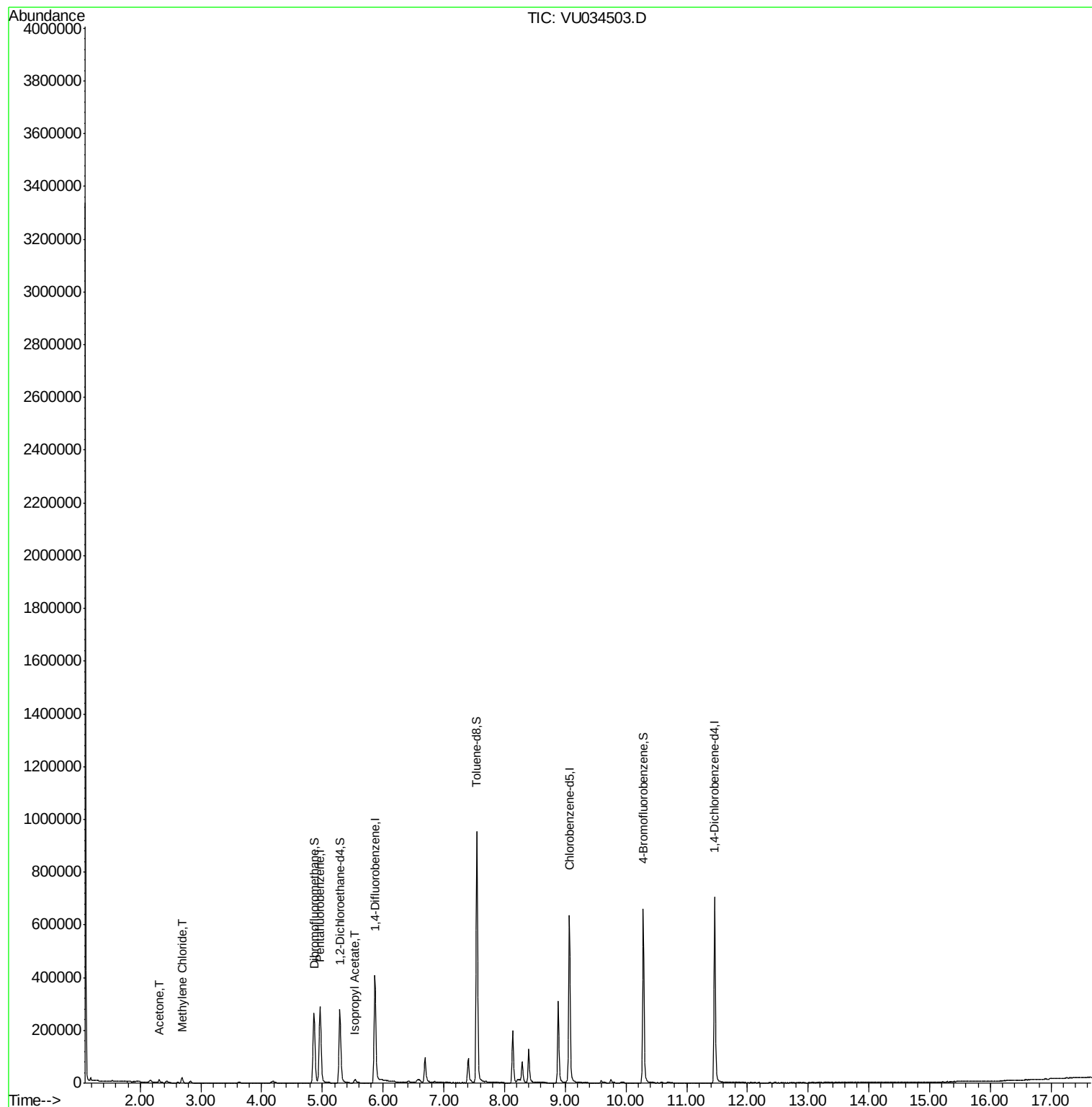
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	240168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	364675	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	377755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	203592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222617	61.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.52%	
35) Dibromofluoromethane	4.86	113	193968	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
50) Toluene-d8	7.55	98	680042	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	10.29	95	227894	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
16) Acetone	2.31	43	12189	6.482	ug/l	95
20) Methylene Chloride	2.69	84	9950	2.854	ug/l	98
43) Isopropyl Acetate	5.54	43	18772	2.573	ug/l	94

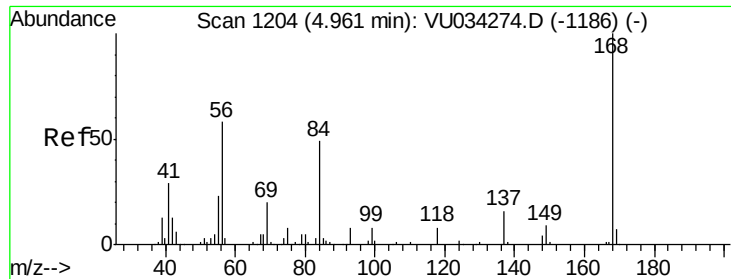
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034503.D

Acq: 12 Sep 2019 02:26

Instrument :

MSVOA_U

ClientSampleId :

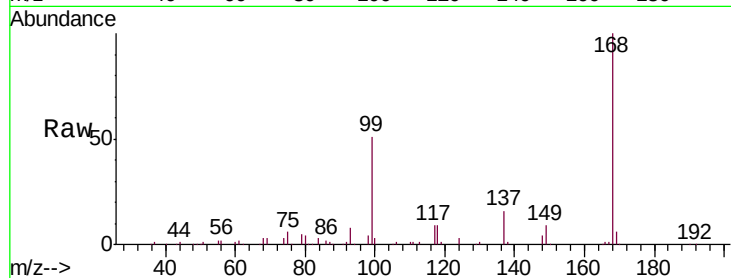
T11-B1-(0)

Tgt Ion:168 Resp: 240168

Ion Ratio Lower Upper

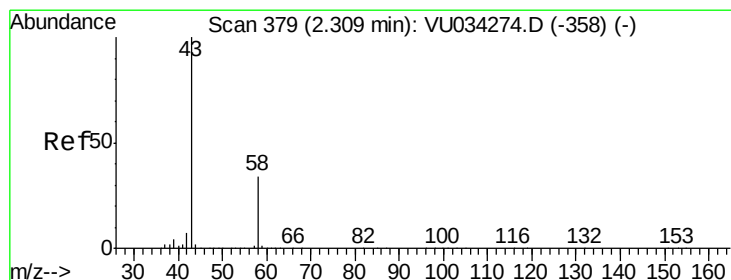
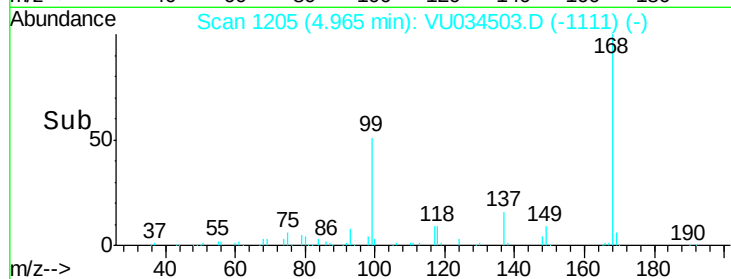
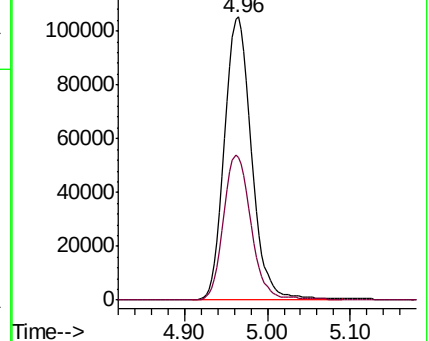
168 100

99 50.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)



#16

Acetone

Concen: 6.482 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034503.D

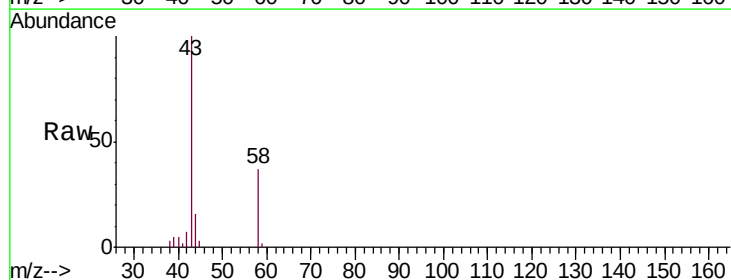
Acq: 12 Sep 2019 02:26

Tgt Ion: 43 Resp: 12189

Ion Ratio Lower Upper

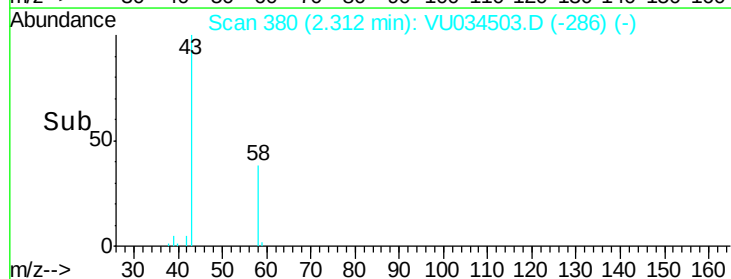
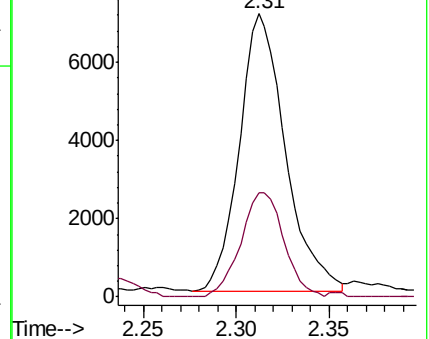
43 100

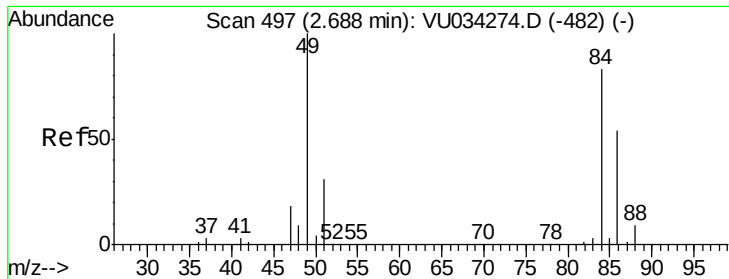
58 37.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

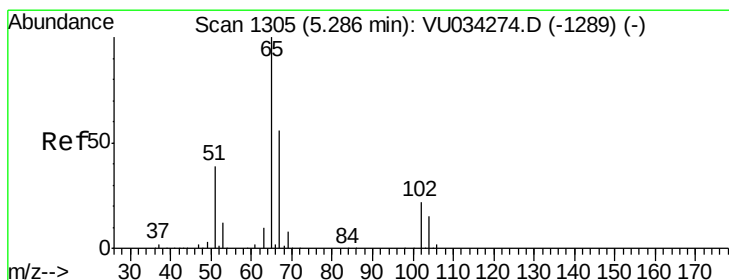
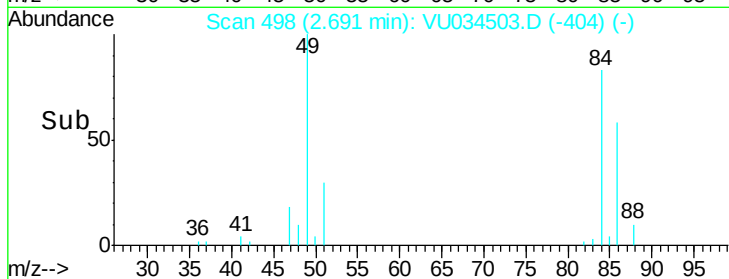
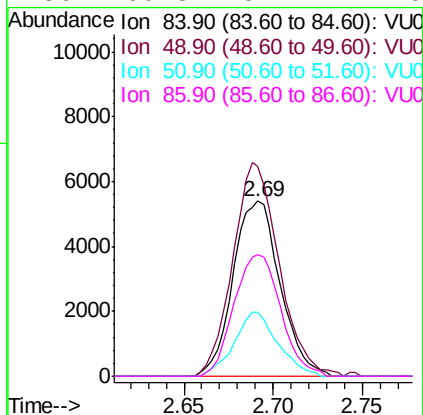
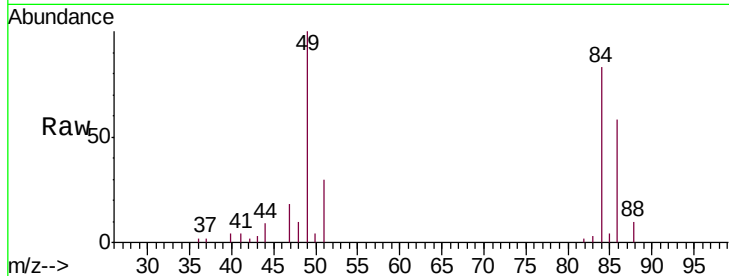




#20
Methylene Chloride
Concen: 2.854 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034503.D
Acq: 12 Sep 2019 02:26

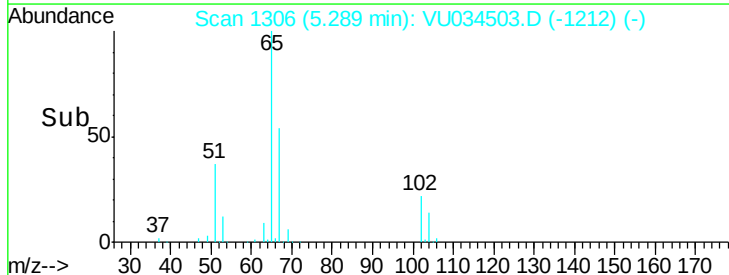
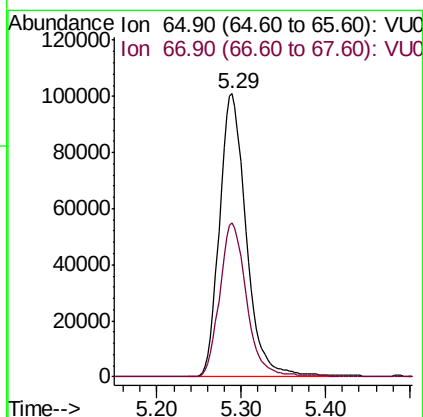
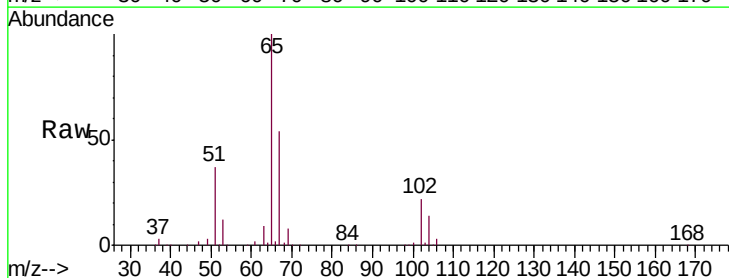
Instrument :
MSVOA_U
ClientSampleId :
T11-B1-(0)

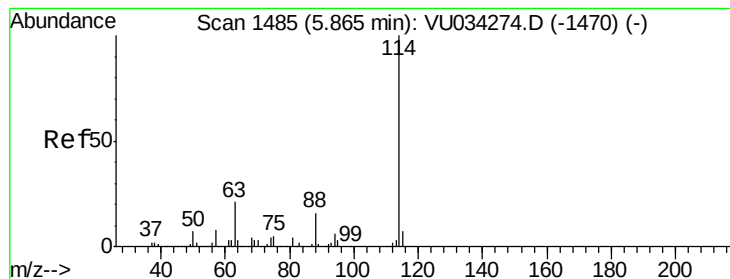
Tgt Ion:	84	Resp:	9950
Ion	Ratio	Lower	Upper
84	100		
49	120.2	96.0	144.0
51	36.4	30.0	45.0
86	69.8	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 61.263 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034503.D
Acq: 12 Sep 2019 02:26

Tgt Ion:	65	Resp:	222617
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034503.D

Acq: 12 Sep 2019 02:26

Instrument :

MSVOA_U

ClientSampleId :

T11-B1-(0)

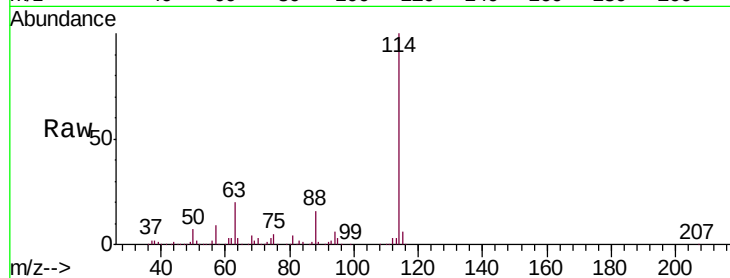
Tgt Ion:114 Resp: 364675

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

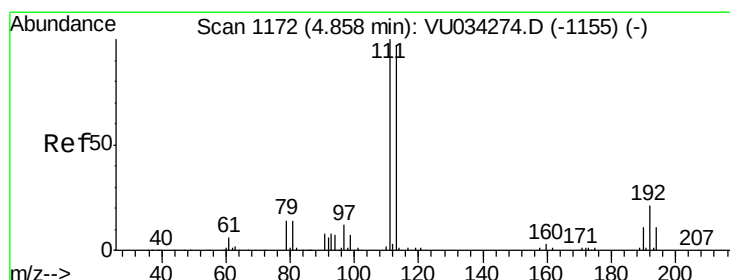
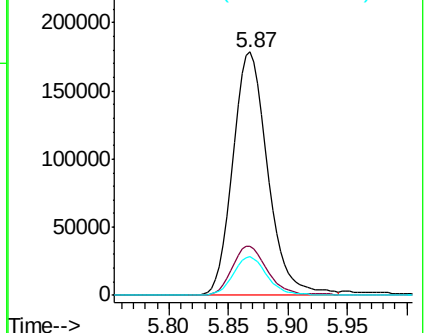
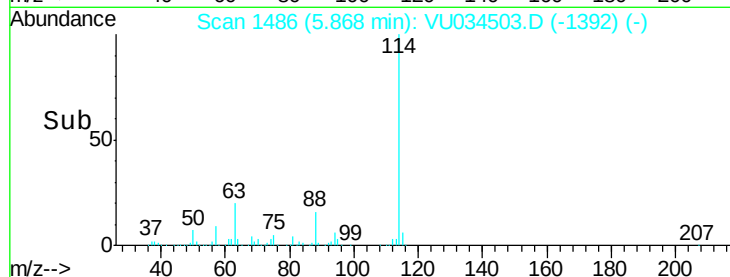
88 15.8 0.0 32.4



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: 57.162 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034503.D

Acq: 12 Sep 2019 02:26

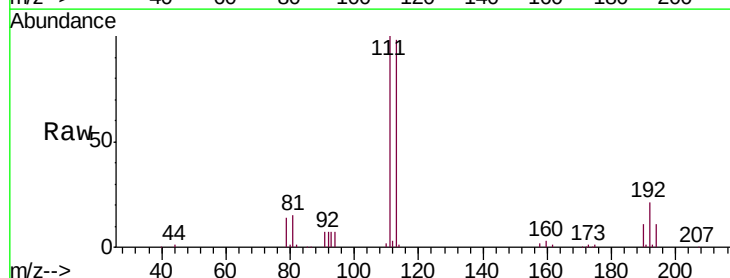
Tgt Ion:113 Resp: 193968

Ion Ratio Lower Upper

113 100

111 100.5 81.5 122.3

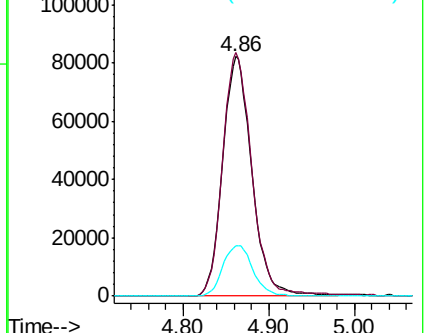
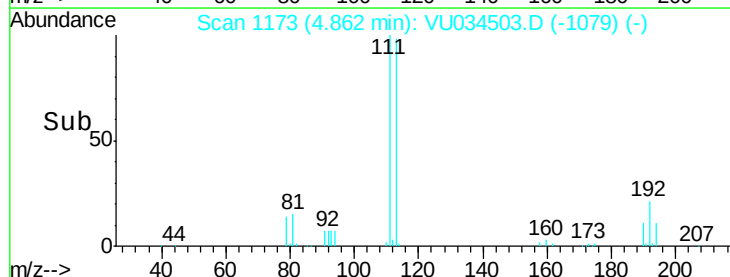
192 21.8 17.8 26.8

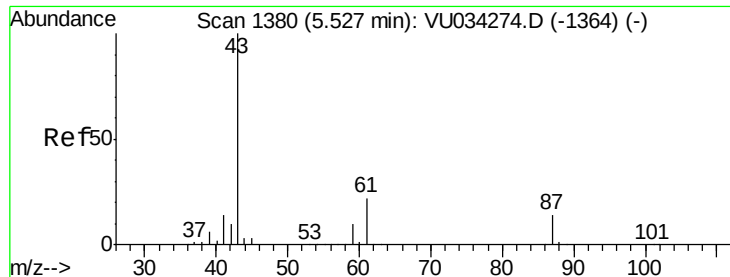


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.573 ug/l

RT: 5.54 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VU034503.D

Acq: 12 Sep 2019 02:26

Instrument :

MSVOA_U

ClientSampleId :

T11-B1-(0)

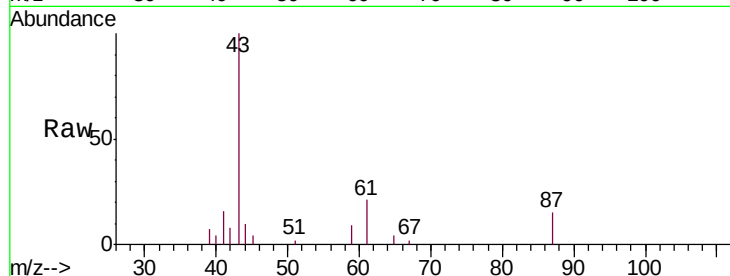
Tgt Ion: 43 Resp: 18772

Ion Ratio Lower Upper

43 100

61 18.2 17.1 25.7

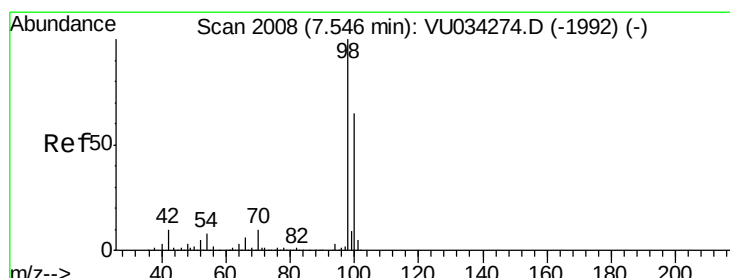
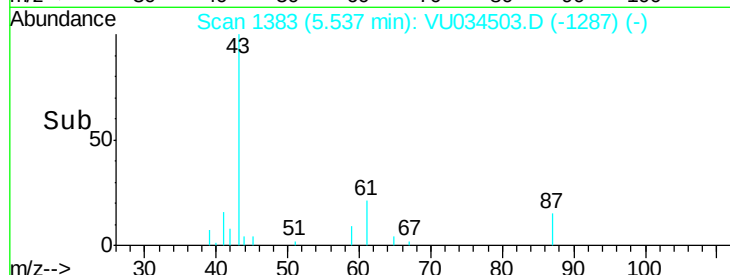
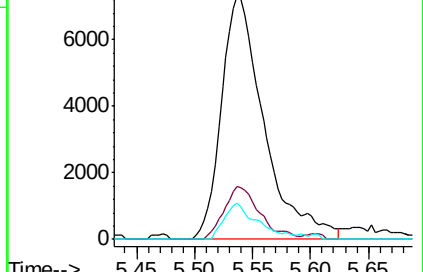
87 12.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-1364) (-)

Ion 61.00 (60.70 to 61.70): VU034274.D (-1364) (-)

Ion 87.00 (86.70 to 87.70): VU034274.D (-1364) (-)



#50

Toluene-d8

Concen: 53.342 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034503.D

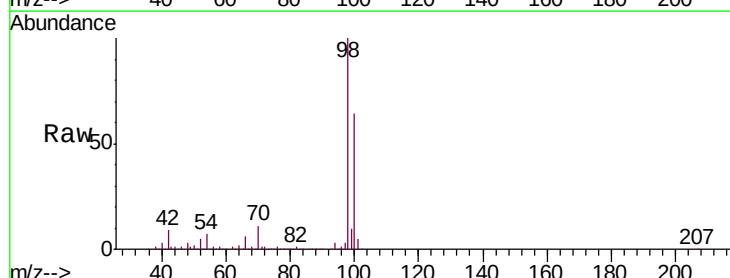
Acq: 12 Sep 2019 02:26

Tgt Ion: 98 Resp: 680042

Ion Ratio Lower Upper

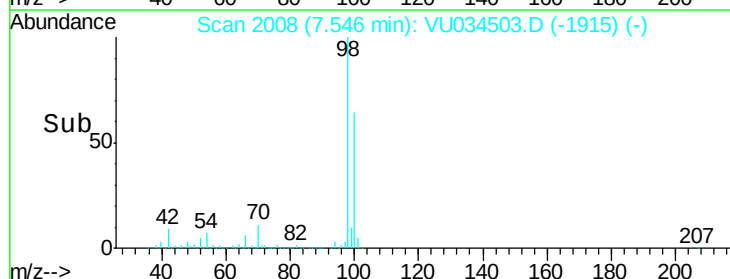
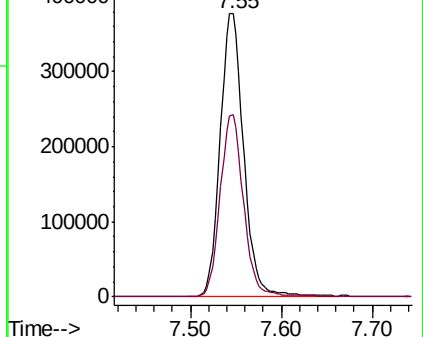
98 100

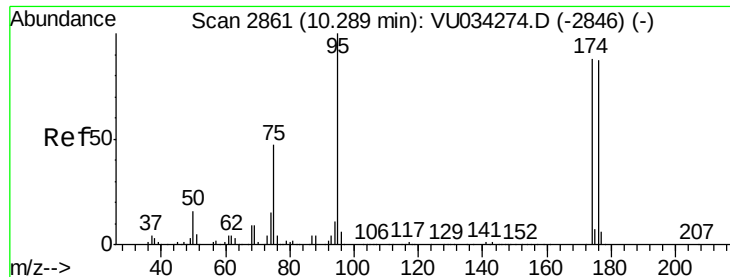
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

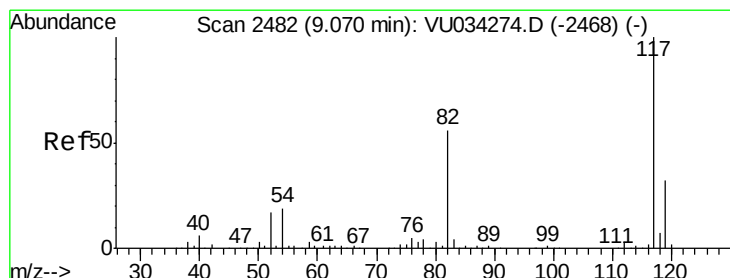
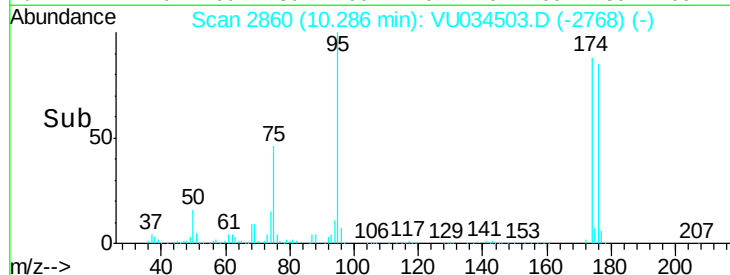
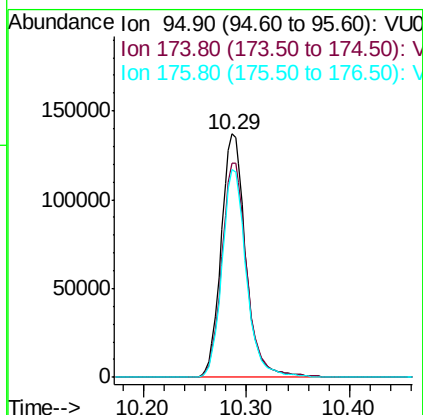
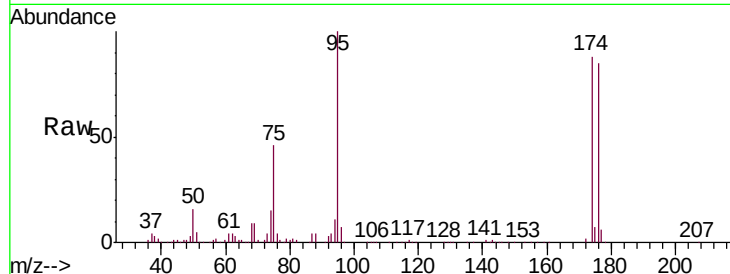




#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034503.D
Acq: 12 Sep 2019 02:26

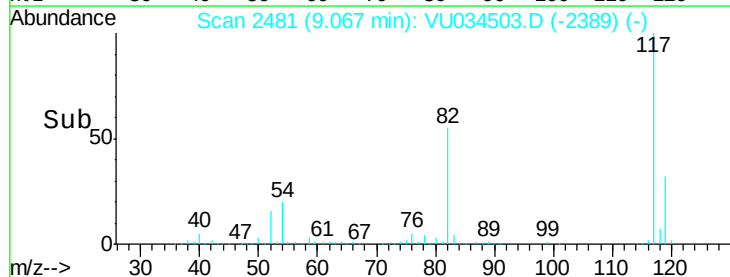
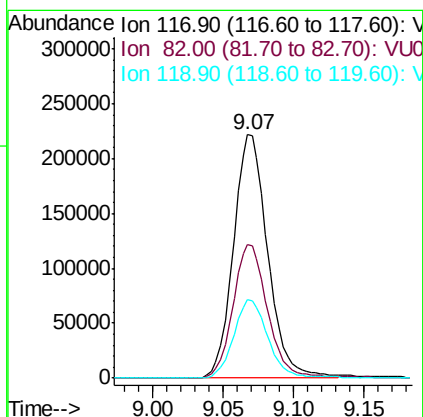
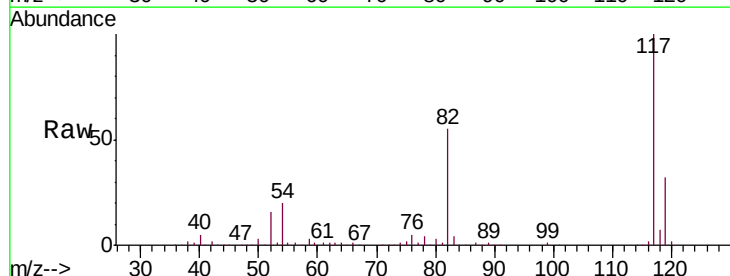
Instrument :
MSVOA_U
ClientSampleId :
T11-B1-(0)

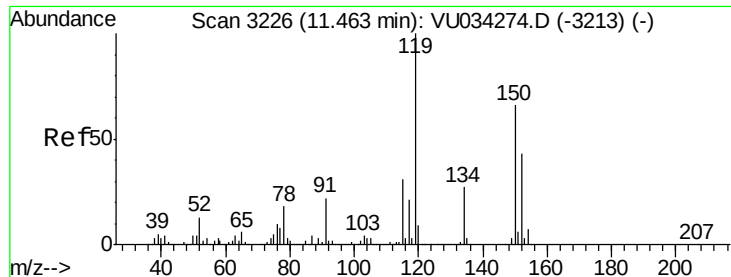
Tgt Ion: 95 Resp: 227894
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.2
176 84.5 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034503.D
Acq: 12 Sep 2019 02:26

Tgt Ion: 117 Resp: 377755
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034503.D

Acq: 12 Sep 2019 02:26

Instrument :

MSVOA_U

ClientSampleId :

T11-B1-(0)

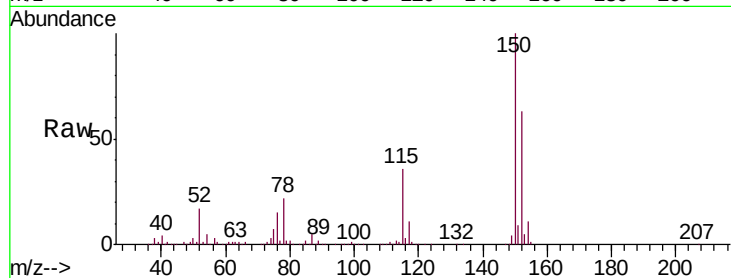
Tgt Ion:152 Resp: 203592

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.3

150 157.5 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

