

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033990.D
 Acq On : 27 Aug 2019 22:17
 Operator : JC/SP
 Sample : K4516-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-B4-(2.5)

Quant Time: Aug 28 08:43:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

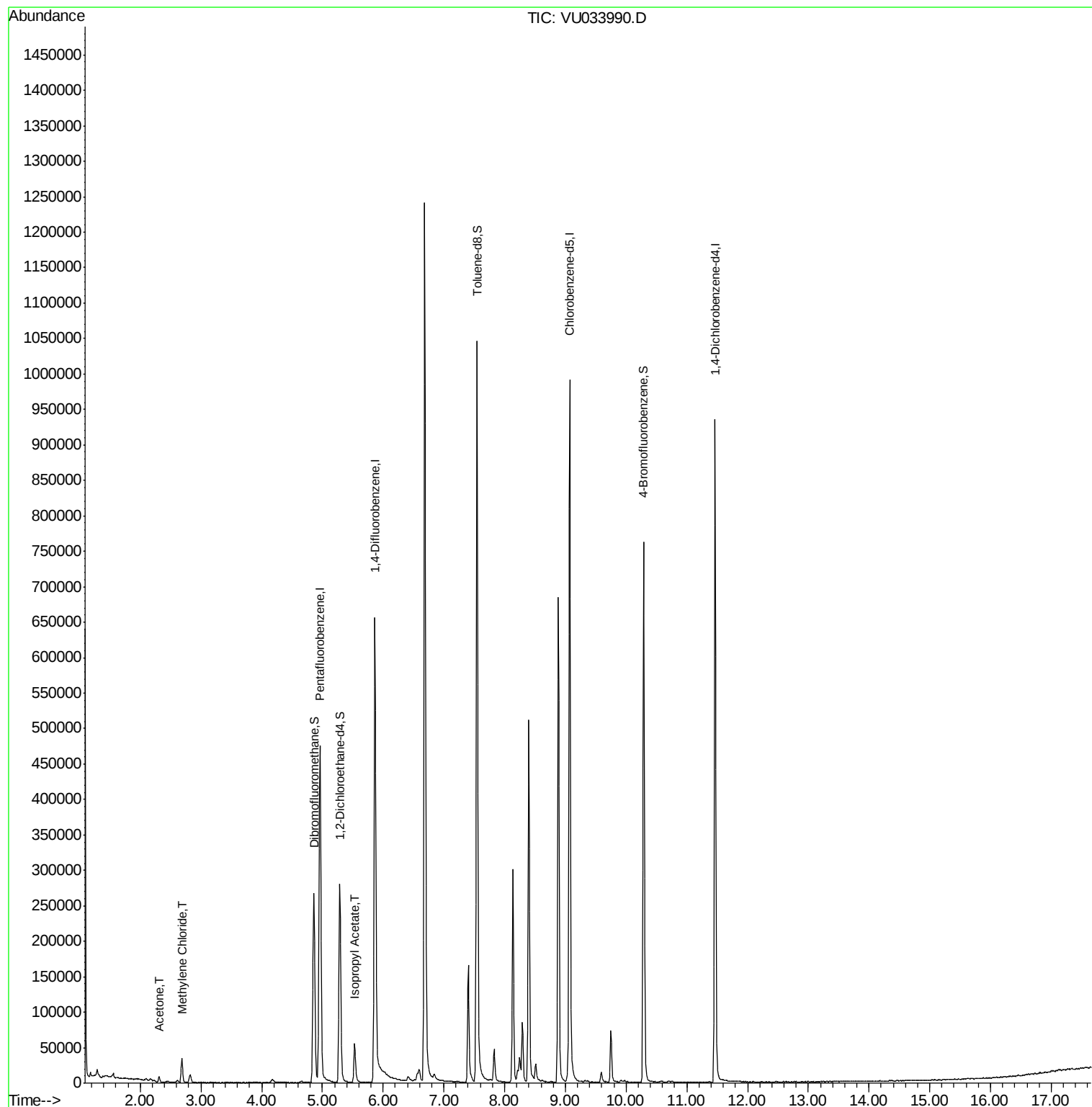
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	399568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	596485	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	580059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	269516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	220951	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	4.86	113	189520	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	7.55	98	747357	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	10.29	95	257009	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
16) Acetone	2.31	43	8254	3.885	ug/l	92
20) Methylene Chloride	2.68	84	15178	3.367	ug/l	96
43) Isopropyl Acetate	5.53	43	62908	7.487	ug/l	99

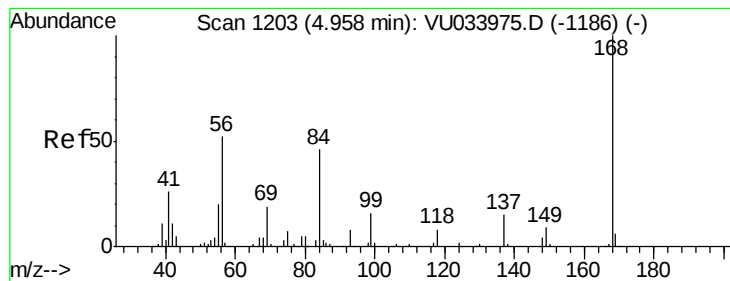
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU033990.D

Acq: 27 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

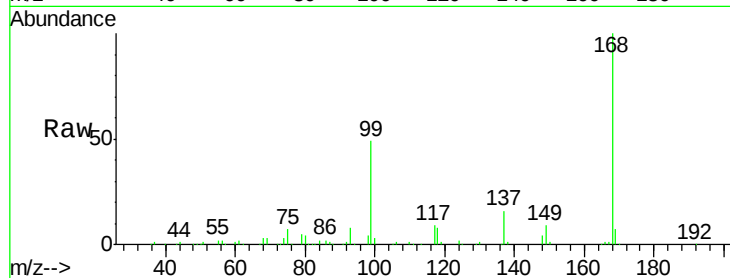
T1-S-B4-(2.5)

Tot Ion:168 Resp: 399568

Ion Ratio Lower Upper

168 100

99 48.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033990.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU033990.D (-1110) (-)

4.96

150000

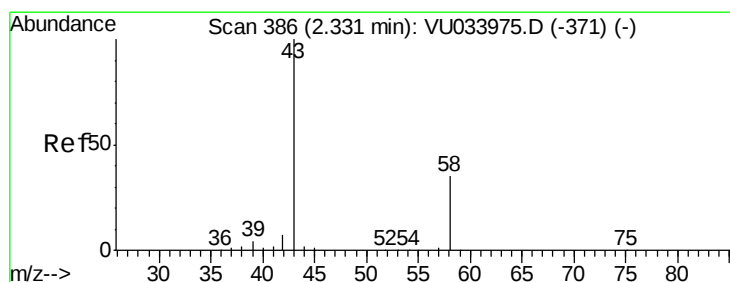
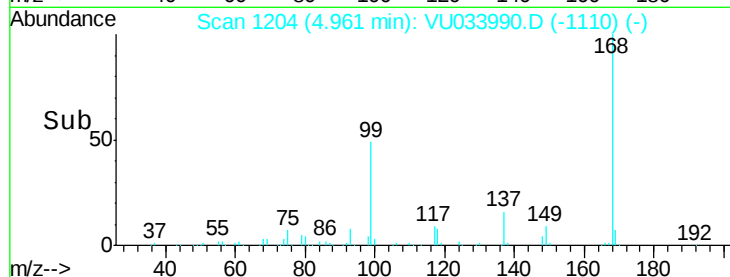
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.885 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033990.D

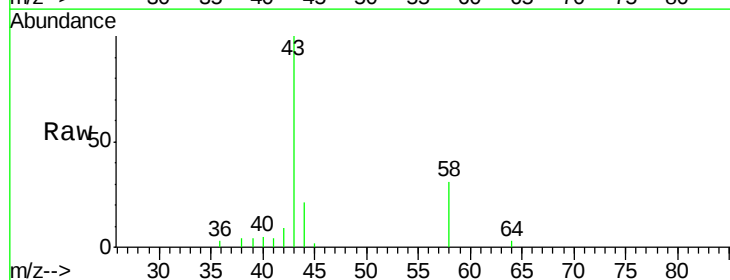
Acq: 27 Aug 2019 22:17

Tgt Ion: 43 Resp: 8254

Ion Ratio Lower Upper

43 100

58 30.5 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033990.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033990.D (-293) (-)

2.31

6000

5000

4000

3000

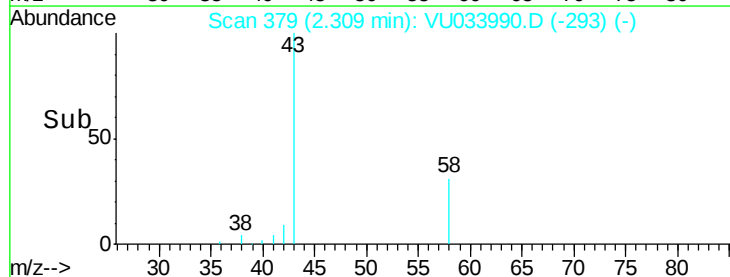
2000

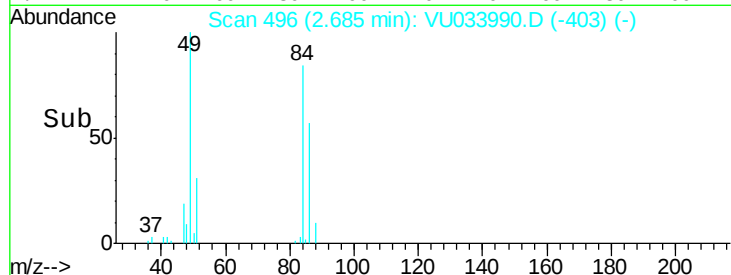
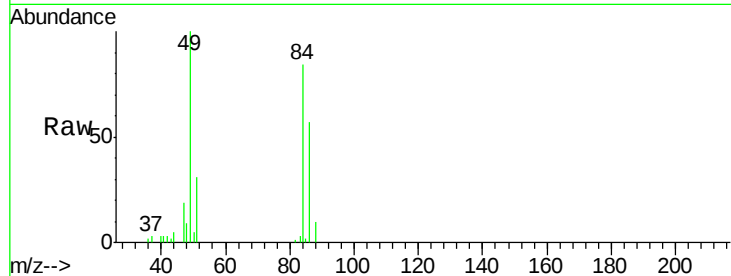
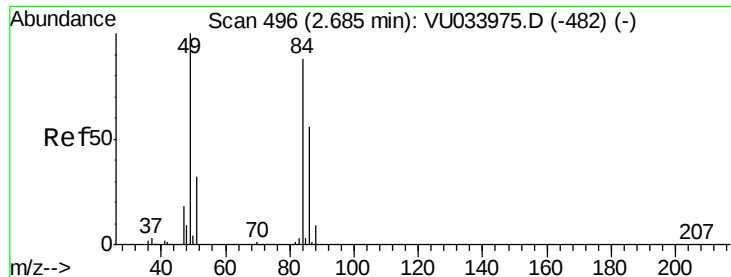
1000

0

2.25 2.30 2.35

Time-->

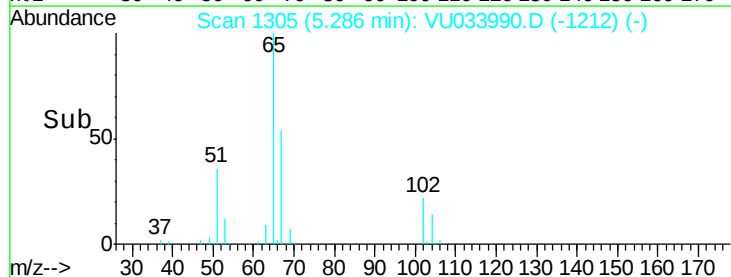
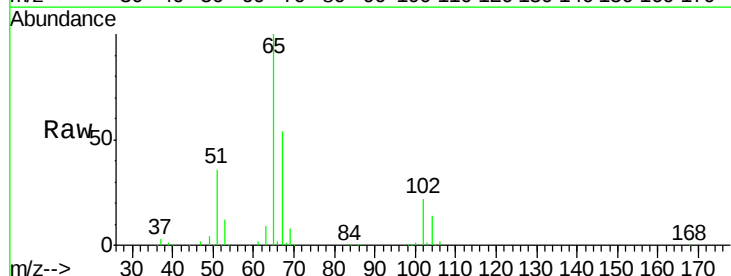
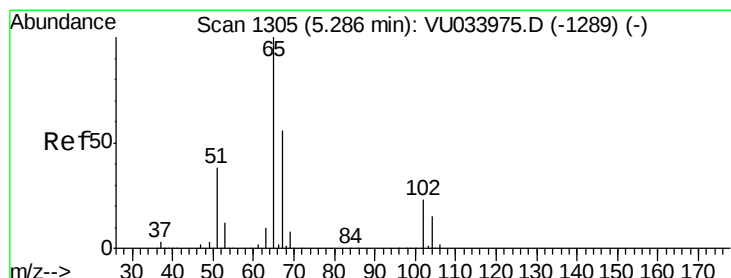
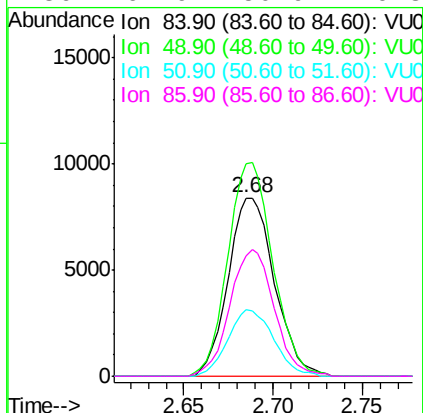




#20
Methvlene Chloride
Concen: 3.367 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033990.D
Acq: 27 Aug 2019 22:17

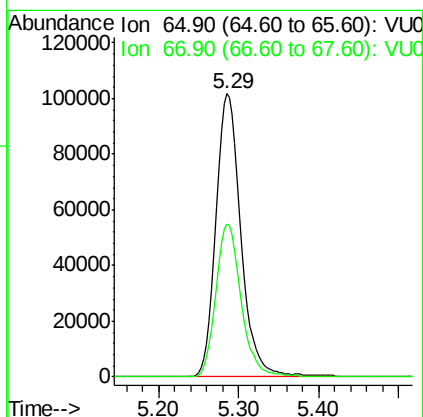
Instrument :
MSVOA_U
ClientSampleId :
T1-S-B4-(2.5)

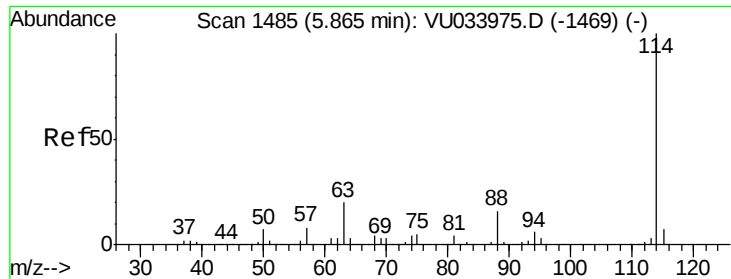
Tot Ion:	84	Resp:	15178
Ion	Ratio	Lower	Upper
84	100		
49	119.2	91.3	136.9
51	37.3	28.9	43.3
86	67.9	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 49.775 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU033990.D
Acq: 27 Aug 2019 22:17

Tgt Ion:	65	Resp:	220951
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.0

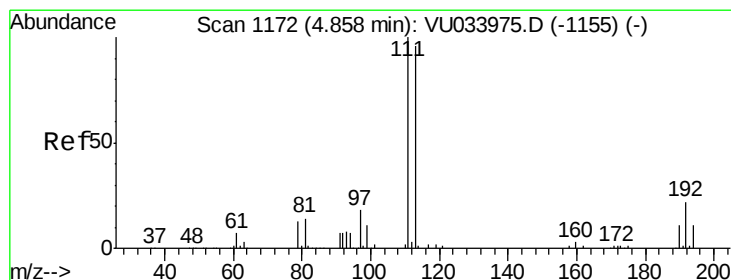
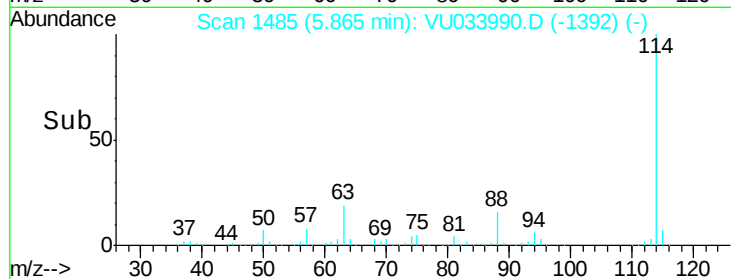
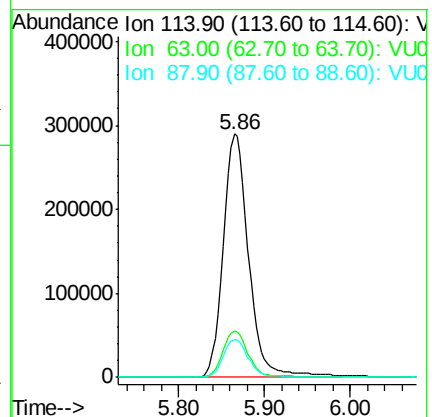
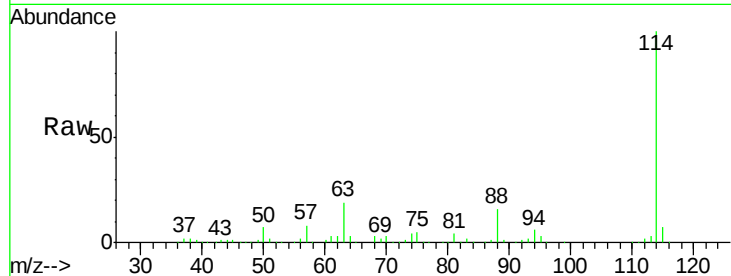




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU033990.D
 Acq: 27 Aug 2019 22:17

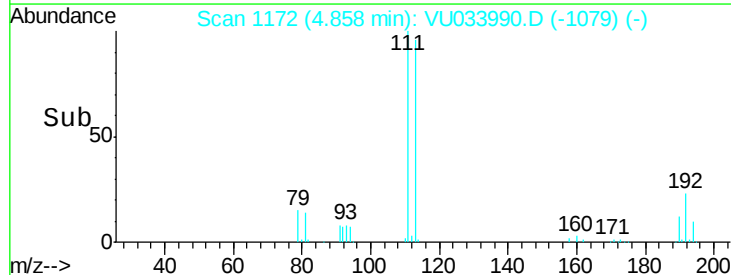
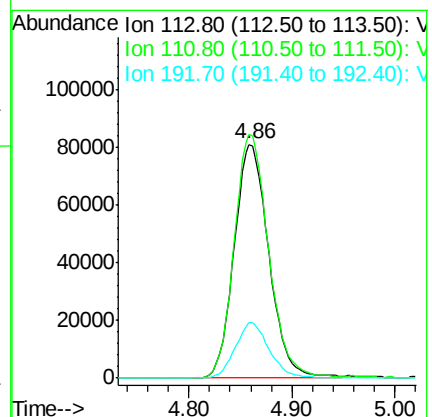
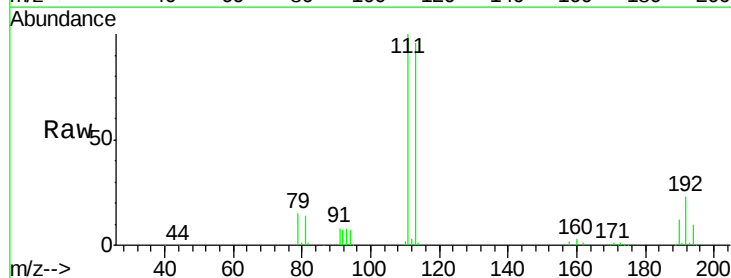
Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-B4-(2.5)

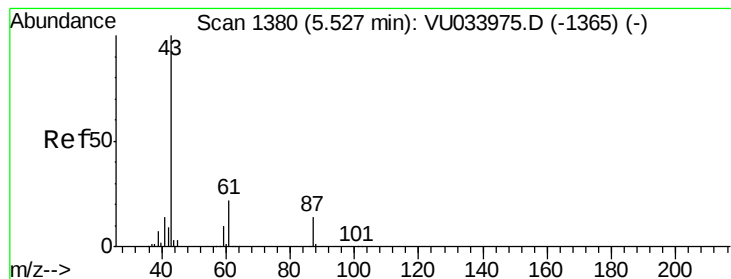
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	15.6	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 47.267 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU033990.D
 Acq: 27 Aug 2019 22:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	23.2	18.6	27.8





#43

Isopropyl Acetate

Concen: 7.487 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU033990.D

Acq: 27 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B4-(2.5)

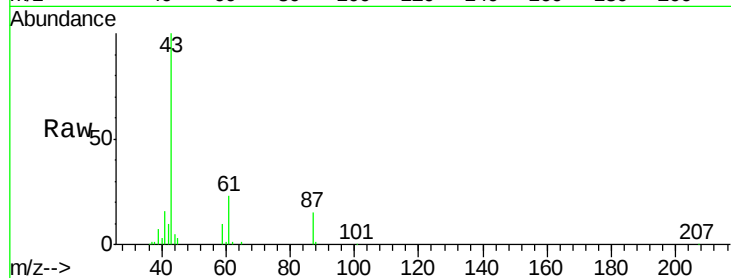
Tot Ion: 43 Resp: 62908

Ion Ratio Lower Upper

43 100

61 22.8 17.8 26.8

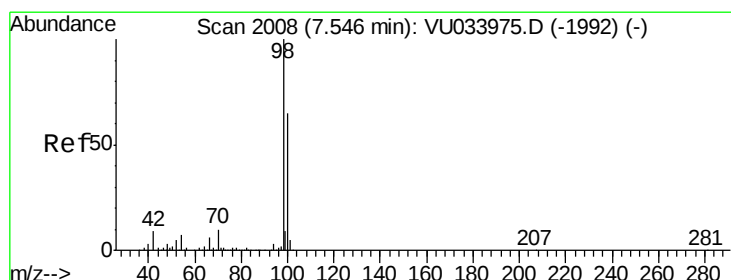
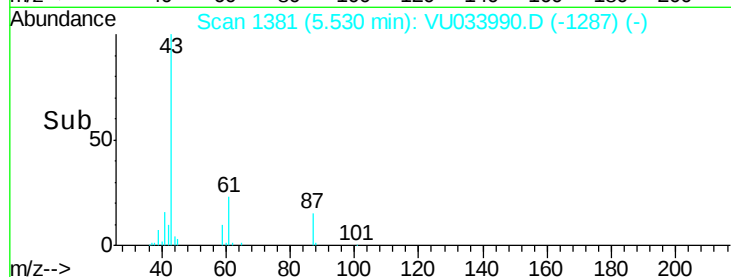
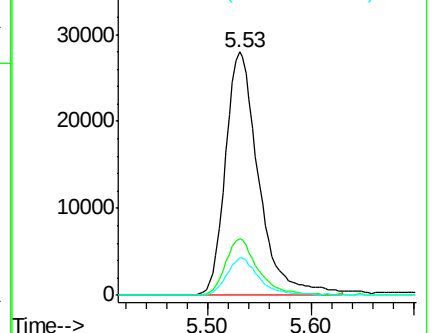
87 14.8 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033990.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU033990.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU033990.D (-1287) (-)



#50

Toluene-d8

Concen: 50.535 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033990.D

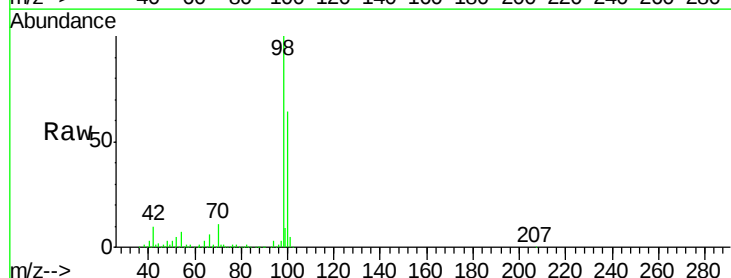
Acq: 27 Aug 2019 22:17

Tgt Ion: 98 Resp: 747357

Ion Ratio Lower Upper

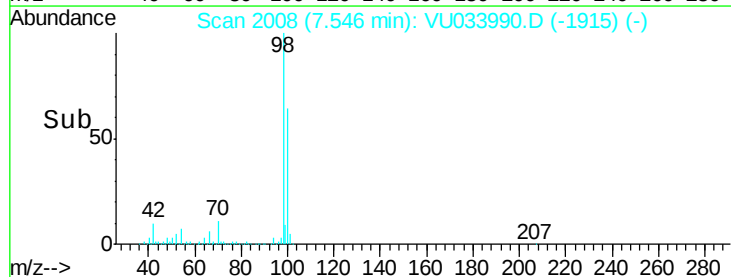
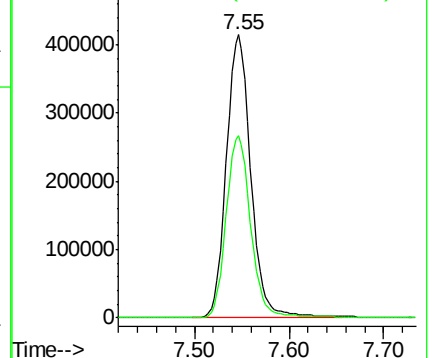
98 100

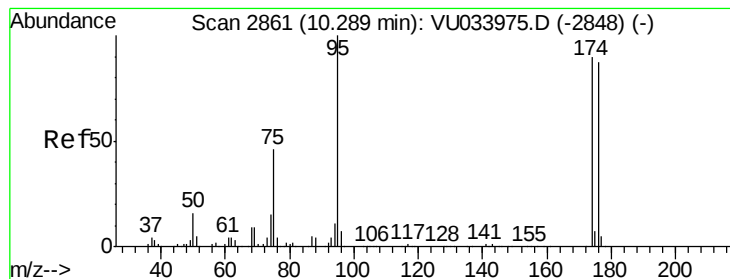
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033990.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU033990.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 45.304 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033990.D

Acq: 27 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B4-(2.5)

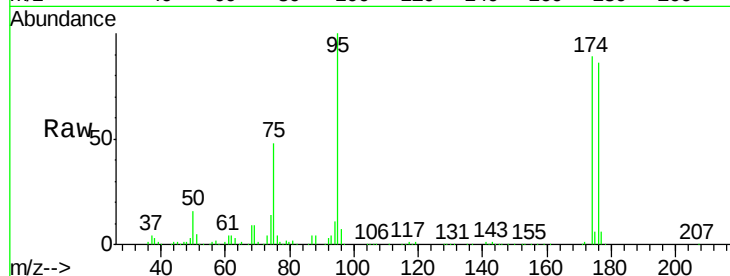
Tot Ion: 95 Resp: 257009

Ion Ratio Lower Upper

95 100

174 89.8 0.0 183.8

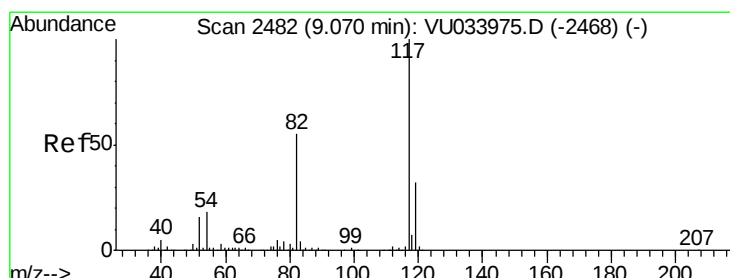
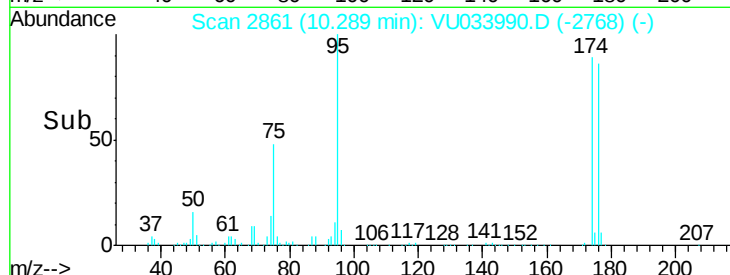
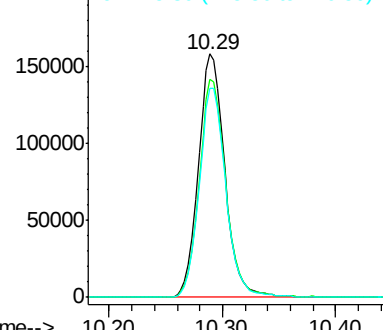
176 86.6 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU033990.D

Acq: 27 Aug 2019 22:17

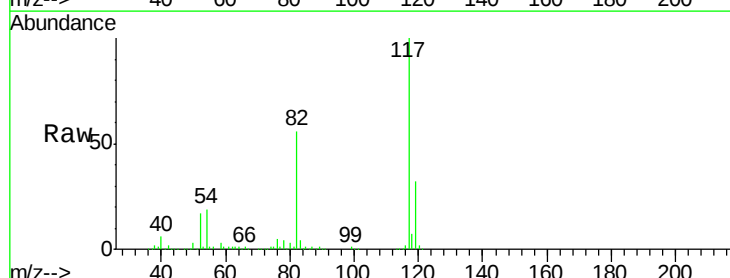
Tgt Ion: 117 Resp: 580059

Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

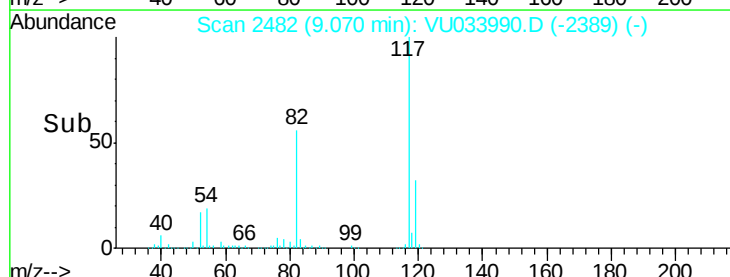
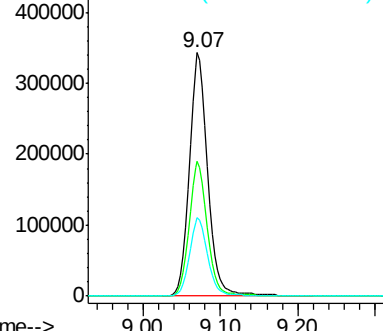
119 32.3 25.7 38.5

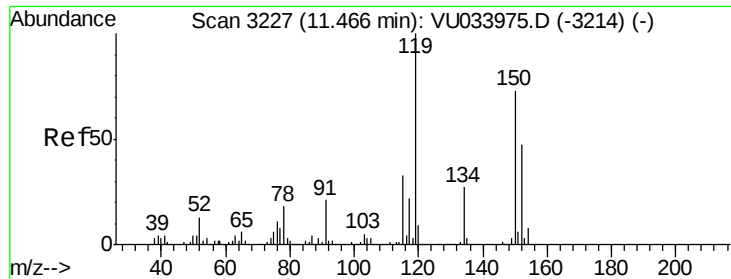


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

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: VU033990.D

Acq: 27 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B4-(2.5)

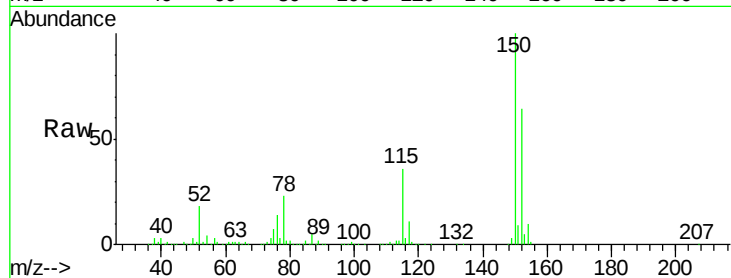
Tot Ion:152 Resp: 269516

Ion Ratio Lower Upper

152 100

115 55.2 38.6 115.7

150 155.4 0.0 343.8



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

