

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033987.D
 Acq On : 27 Aug 2019 21:05
 Operator : JC/SP
 Sample : K4516-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-B3-(0)

Quant Time: Aug 28 08:42:20 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

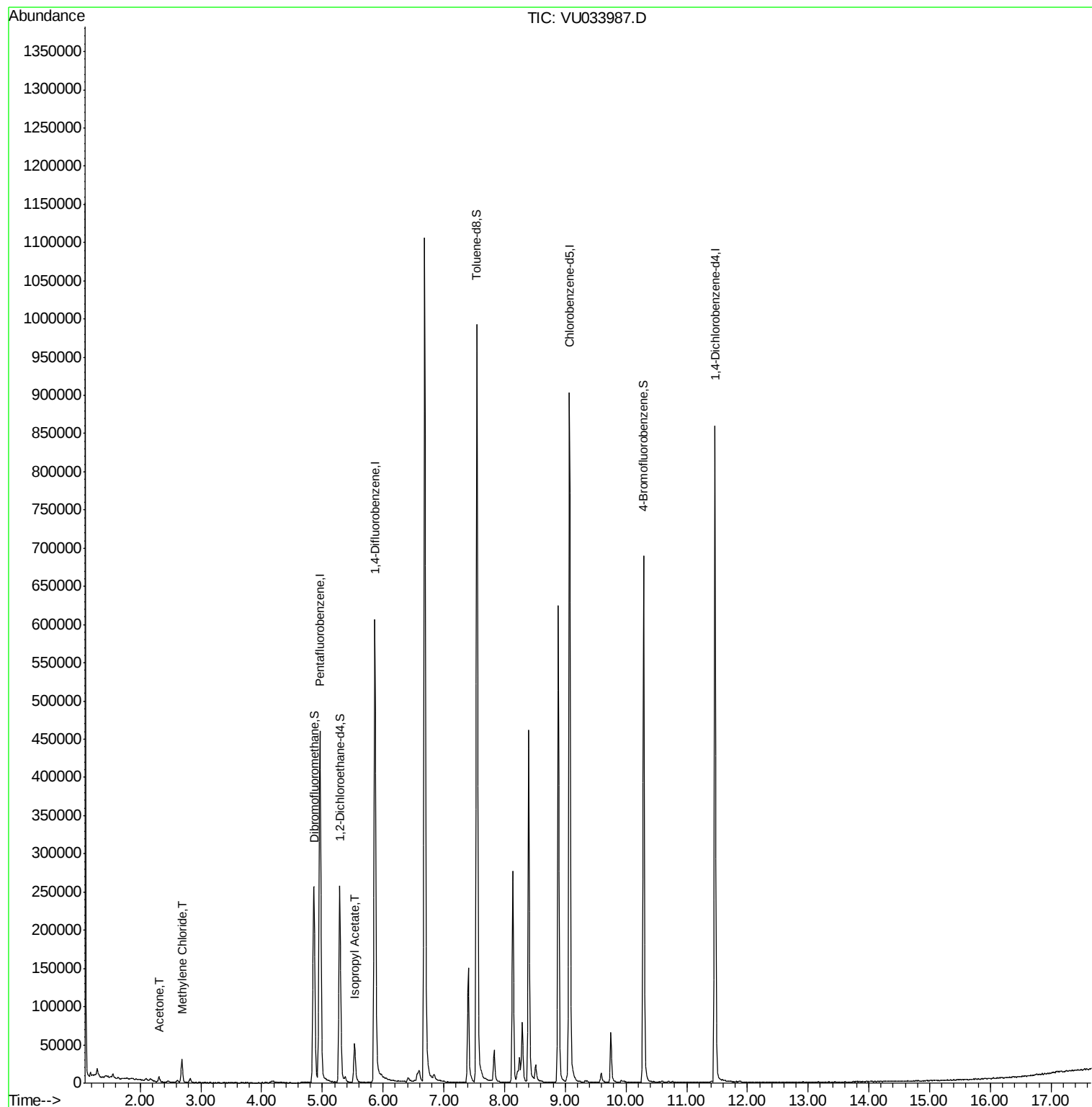
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	383313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	570362	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	542242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	248710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	201467	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
35) Dibromofluoromethane	4.86	113	182541	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	7.55	98	694200	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	10.29	95	233838	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
16) Acetone	2.31	43	7500	3.679	ug/l	93
20) Methylene Chloride	2.69	84	14187	3.281	ug/l	99
43) Isopropyl Acetate	5.53	43	58395	7.269	ug/l	99

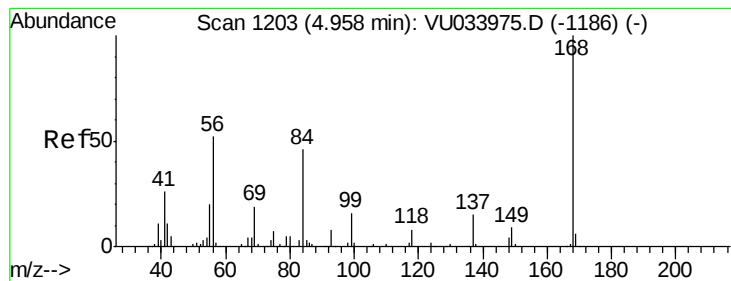
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 28 02:42:03 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: VU033987.D

Acq: 27 Aug 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

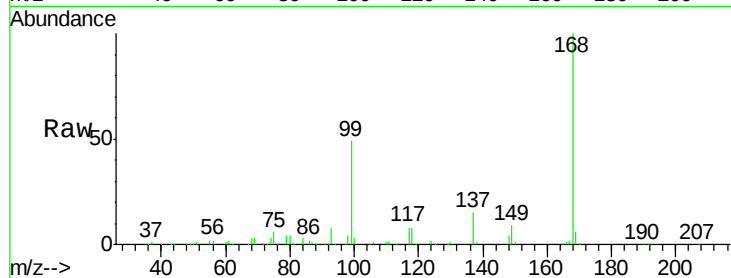
T1-S-B3-(0)

Tot Ion:168 Resp: 383313

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033987.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033987.D (-1186) (-)

200000

150000

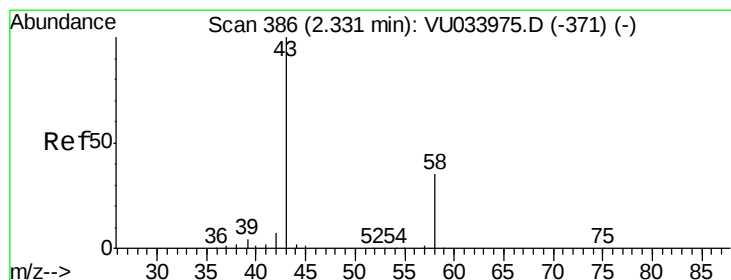
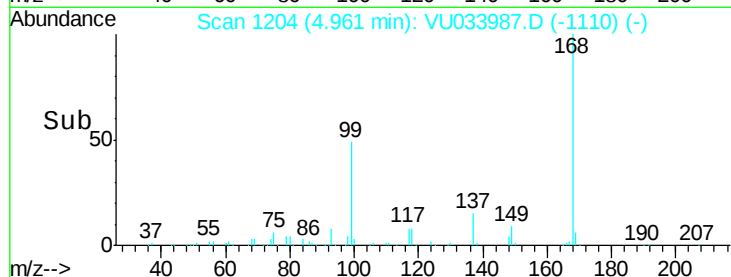
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 3.679 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033987.D

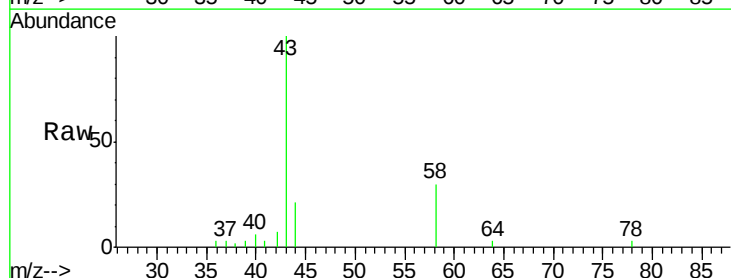
Acq: 27 Aug 2019 21:05

Tgt Ion: 43 Resp: 7500

Ion Ratio Lower Upper

43 100

58 30.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033987.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033987.D (-293) (-)

5000

4000

3000

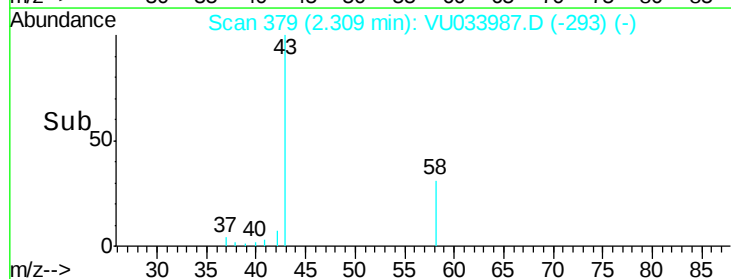
2000

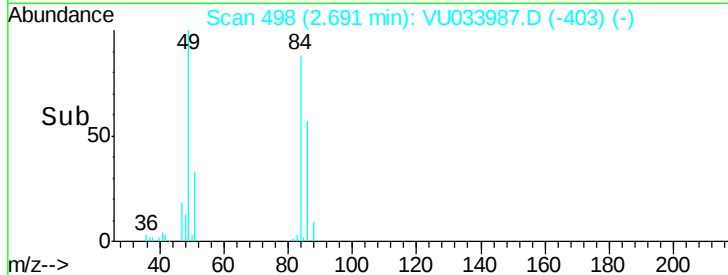
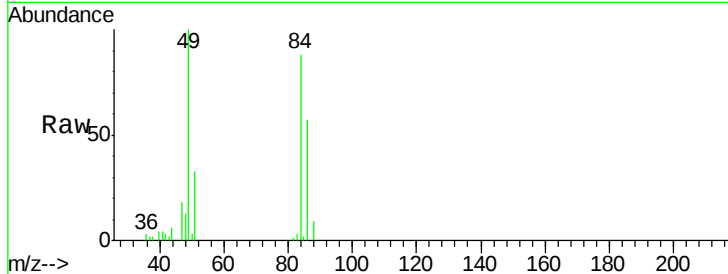
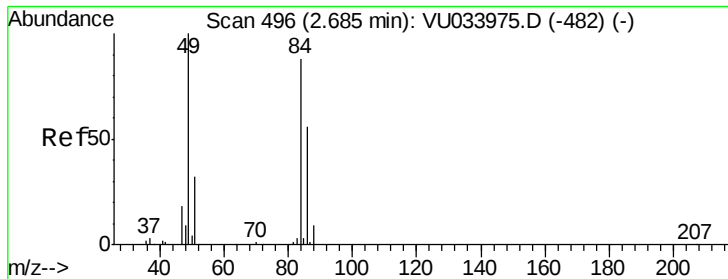
1000

0

2.25 2.30 2.35

Time-->

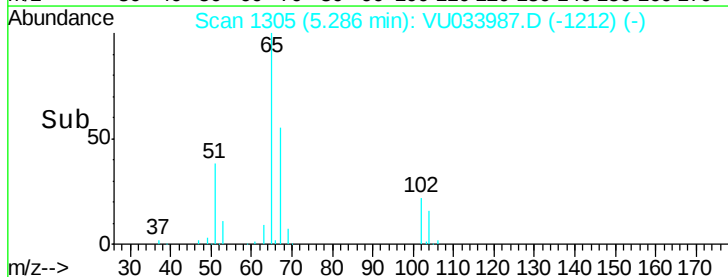
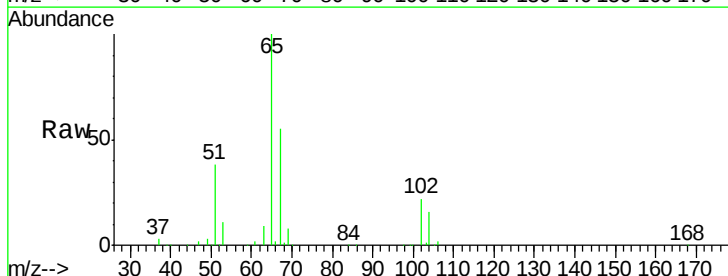
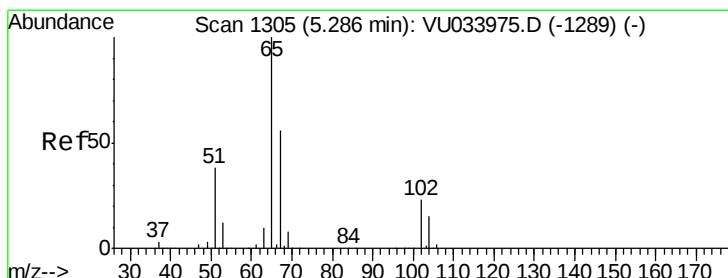
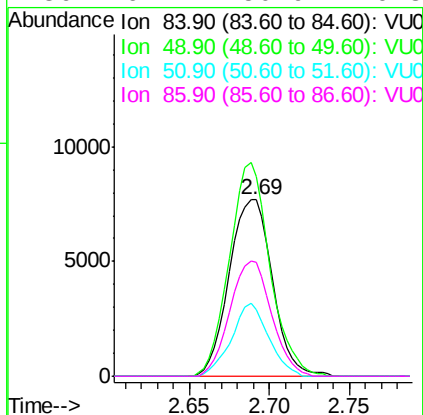




#20
Methvlene Chloride
Concen: 3.281 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU033987.D
Acq: 27 Aug 2019 21:05

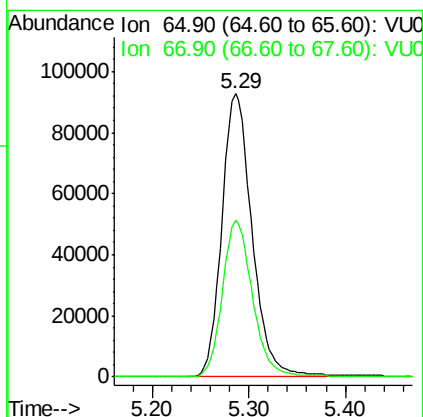
Instrument :
MSVOA_U
ClientSampleId :
T1-S-B3-(0)

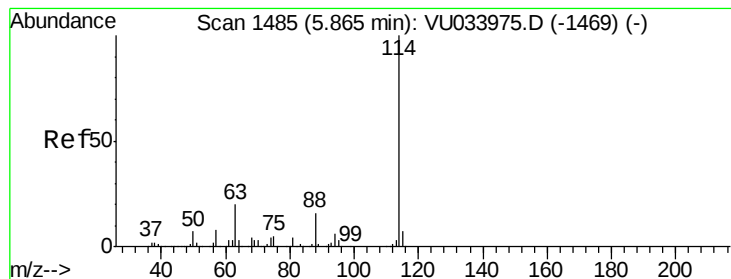
Tot Ion:	84	Resp:	14187
Ion	Ratio	Lower	Upper
84	100		
49	113.4	91.3	136.9
51	37.8	28.9	43.3
86	64.4	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 47.310 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU033987.D
Acq: 27 Aug 2019 21:05

Tgt Ion:	65	Resp:	201467
Ion	Ratio	Lower	Upper
65	100		
67	54.9	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: VU033987.D

Acq: 27 Aug 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B3-(0)

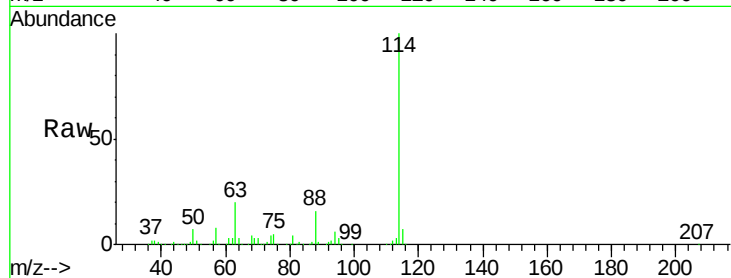
Tot Ion:114 Resp: 570362

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

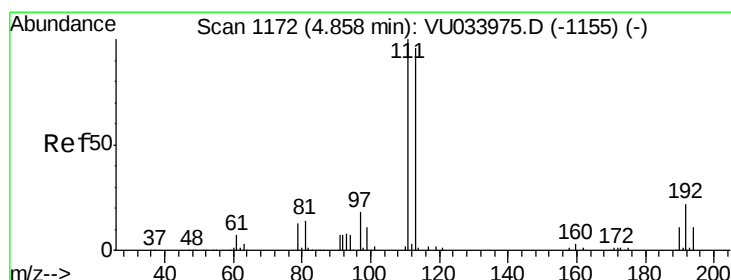
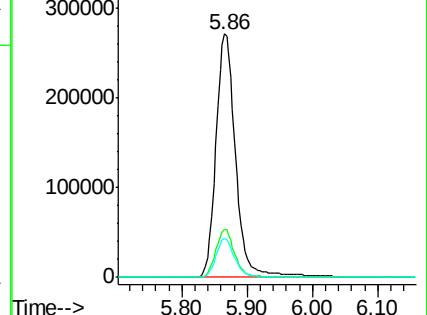
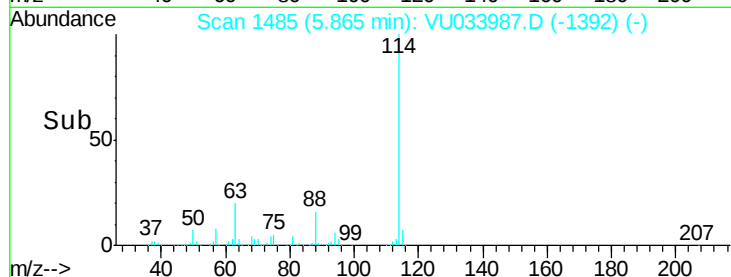
88 16.0 0.0 31.2



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: 47.612 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU033987.D

Acq: 27 Aug 2019 21:05

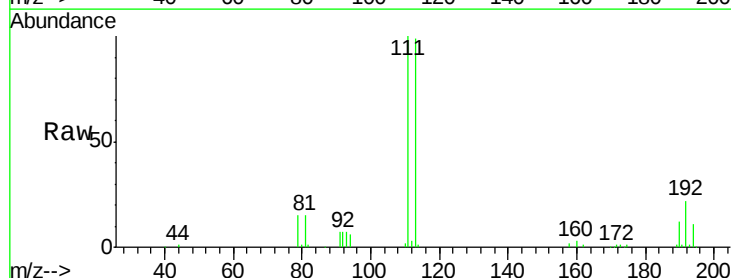
Tgt Ion:113 Resp: 182541

Ion Ratio Lower Upper

113 100

111 101.0 81.7 122.5

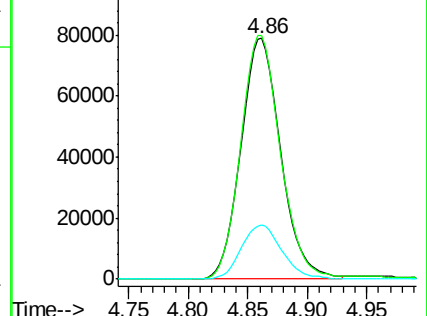
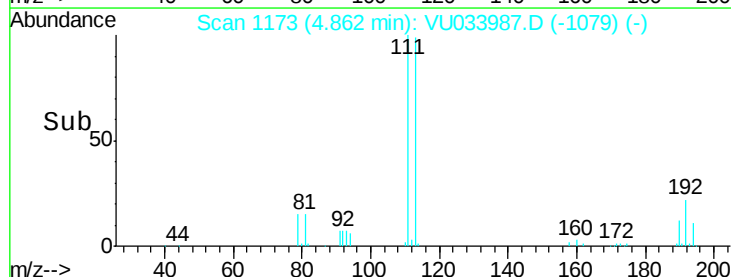
192 22.8 18.6 27.8

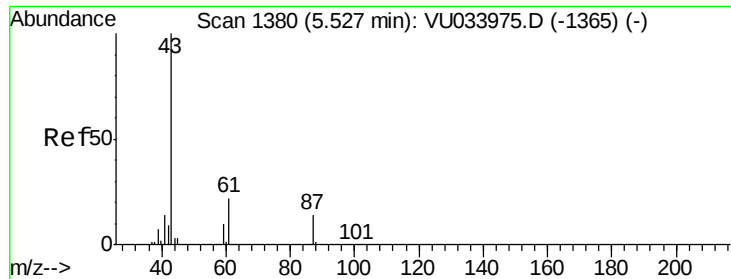


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

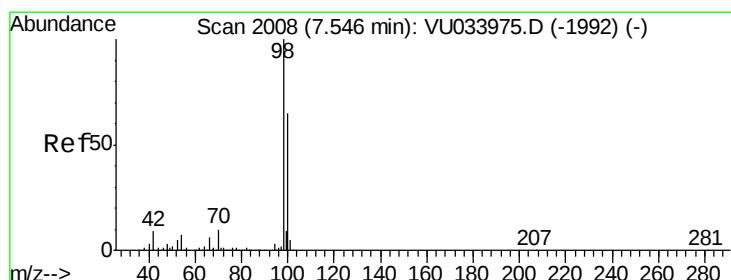
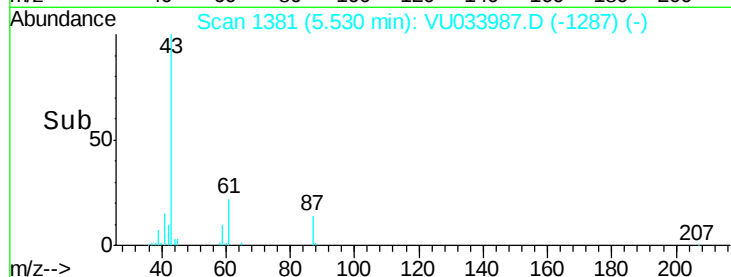
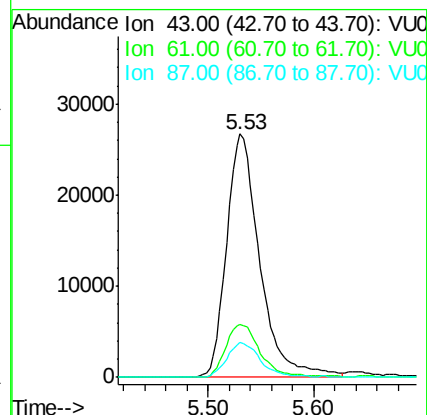
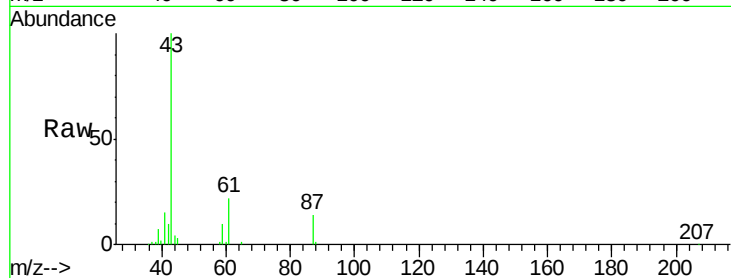




#43
Isopropyl Acetate
Concen: 7.269 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU033987.D
Acq: 27 Aug 2019 21:05

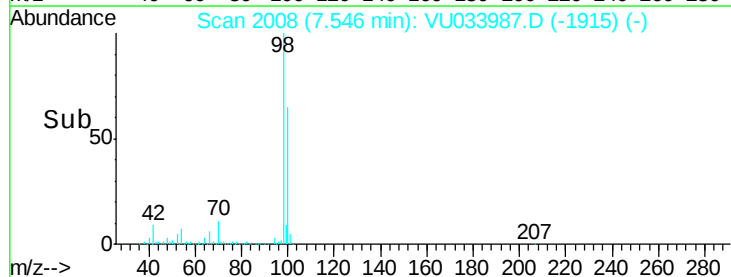
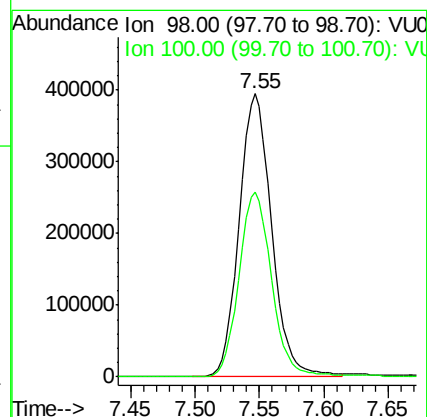
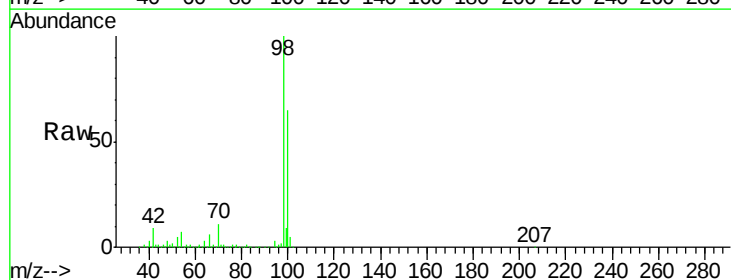
Instrument :
MSVOA_U
ClientSampleId :
T1-S-B3-(0)

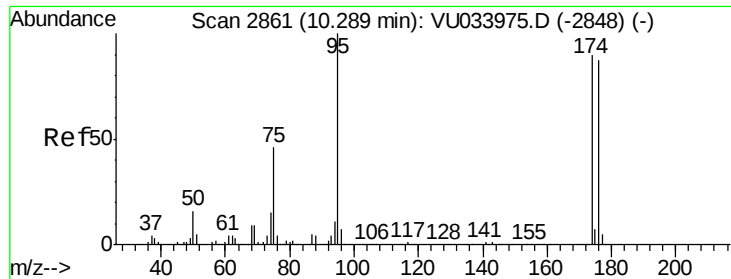
Tot Ion	43	Resp	58395
Ion Ratio	Lower	Upper	
43	100		
61	22.8	17.8	26.8
87	14.4	11.9	17.9



#50
Toluene-d8
Concen: 49.090 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU033987.D
Acq: 27 Aug 2019 21:05

Tgt Ion	98	Resp	694200
Ion Ratio	Lower	Upper	
98	100		
100	66.3	51.5	77.3





#62

4-Bromofluorobenzene

Concen: 43.107 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033987.D

Acq: 27 Aug 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B3-(0)

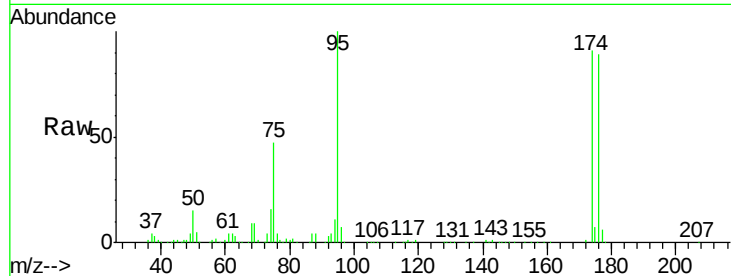
Tot Ion: 95 Resp: 233838

Ion Ratio Lower Upper

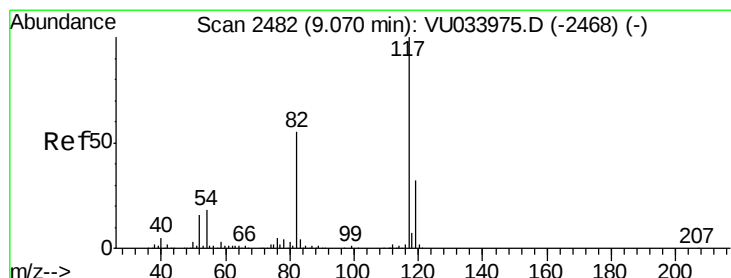
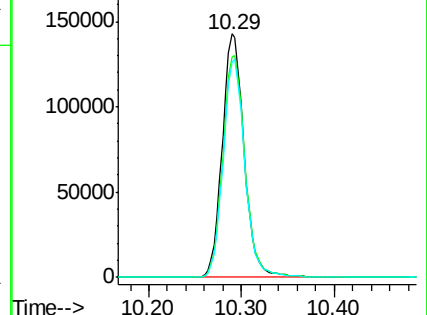
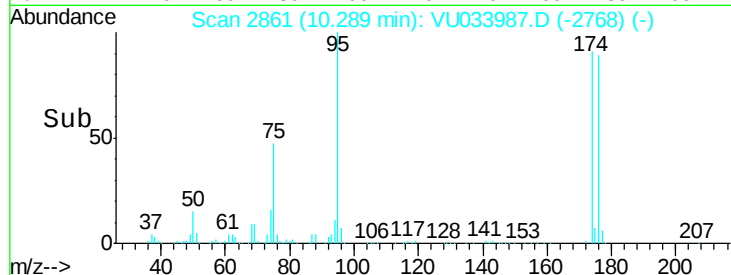
95 100

174 92.9 0.0 183.8

176 88.9 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU033987.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU033987.D

Acq: 27 Aug 2019 21:05

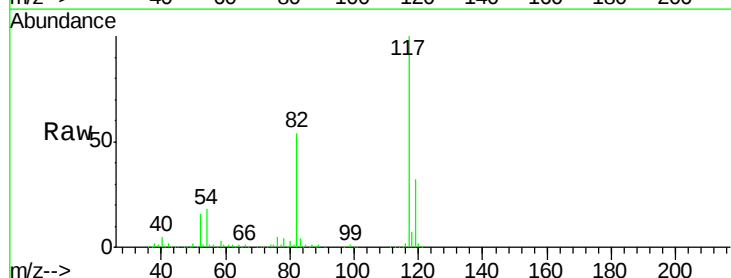
Tgt Ion: 117 Resp: 542242

Ion Ratio Lower Upper

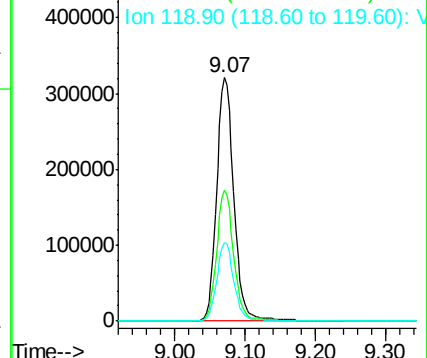
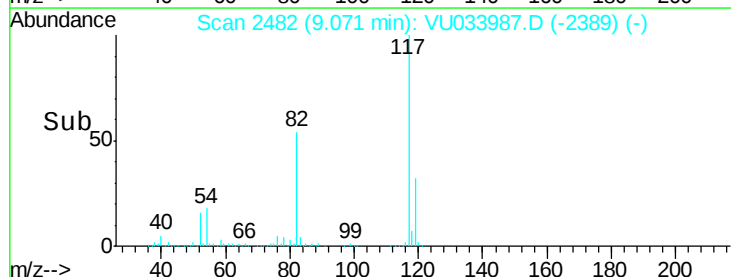
117 100

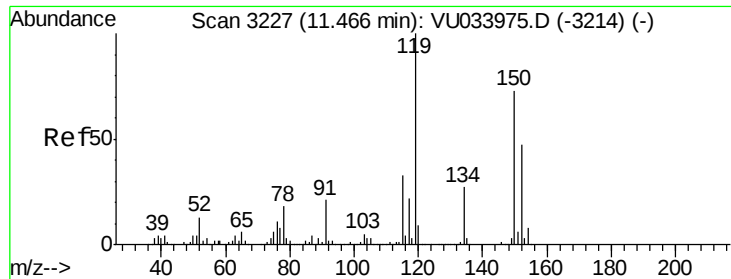
82 53.6 43.8 65.8

119 32.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VU033987.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: VU033987.D

Acq: 27 Aug 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B3-(0)

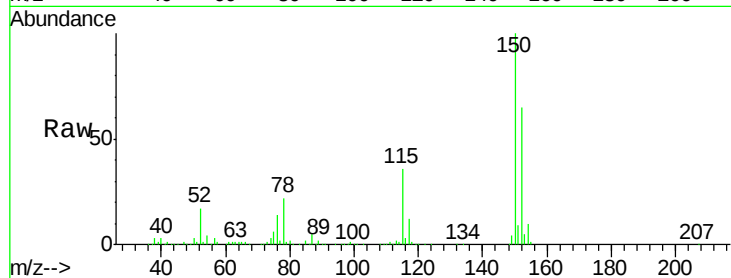
Tot Ion:152 Resp: 248710

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

150 155.8 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

