

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033997.D
 Acq On : 28 Aug 2019 02:16
 Operator : JC/SP
 Sample : VU0828WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBL02

Quant Time: Aug 28 05:27:46 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	447973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	715134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	637375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	295240	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	306838	61.65	ug/l	0.00
Spiked Amount			Recovery	=	123.30%	
35) Dibromofluoromethane	4.86	113	241036	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	7.55	98	908788	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	10.29	95	300388	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

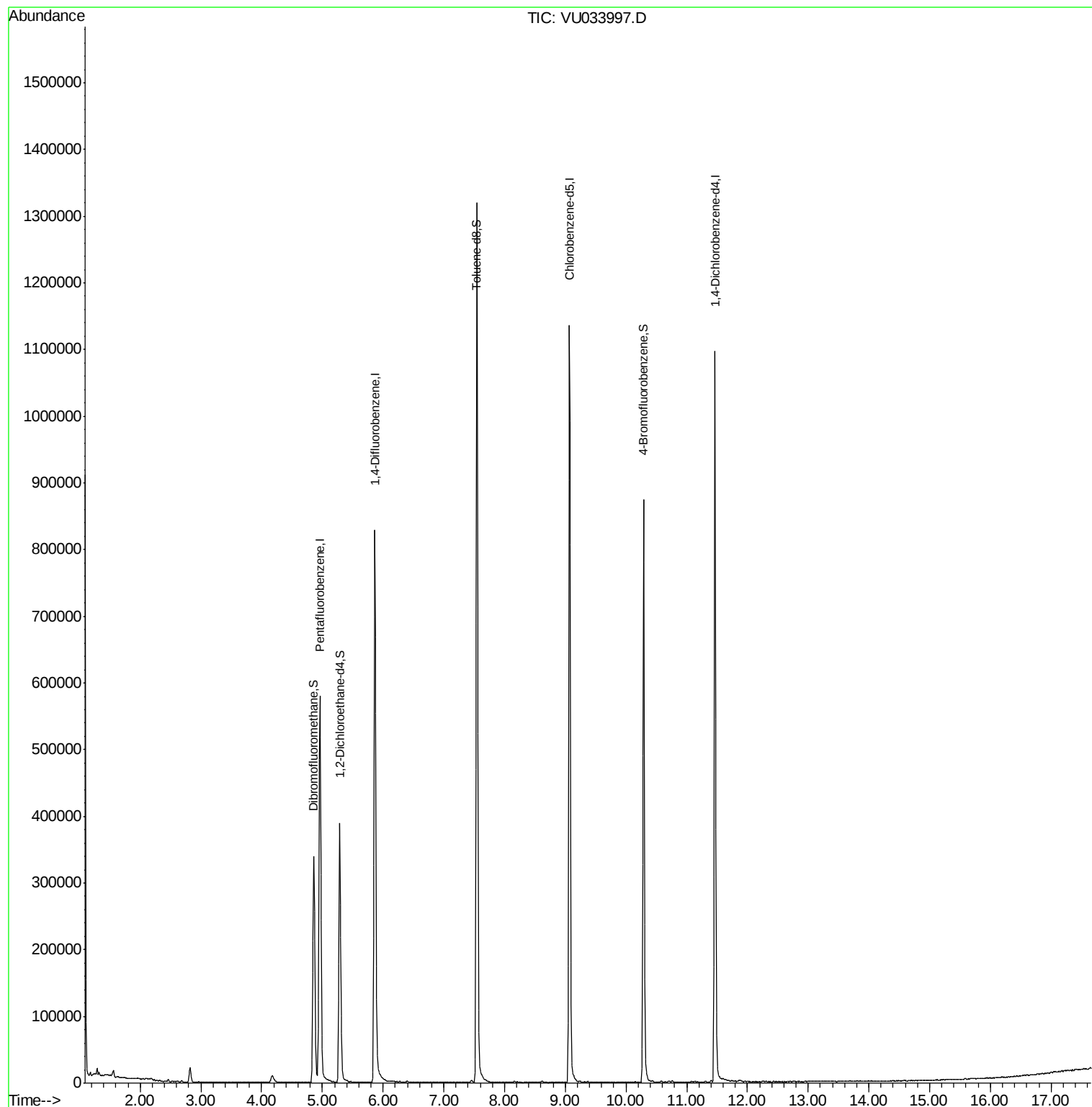
Target Compounds	Qvalue
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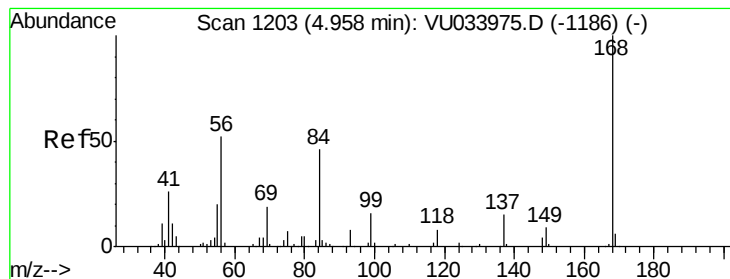
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033997.D

Acq: 28 Aug 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

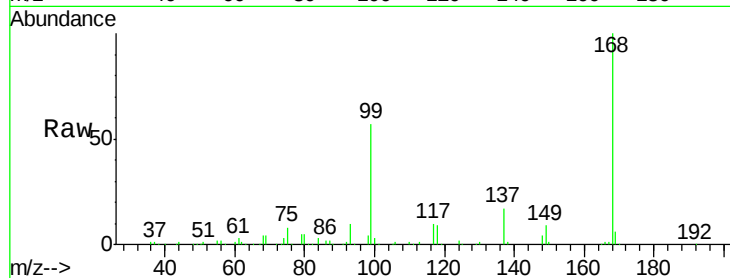
VU0828WBL02

Tot Ion:168 Resp: 447973

Ion Ratio Lower Upper

168 100

99 56.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033997.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033997.D (-1186) (-)

4.96

200000

150000

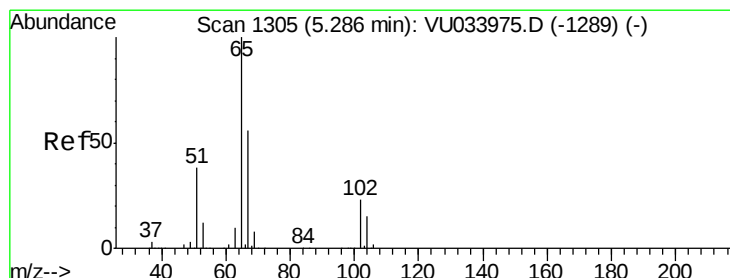
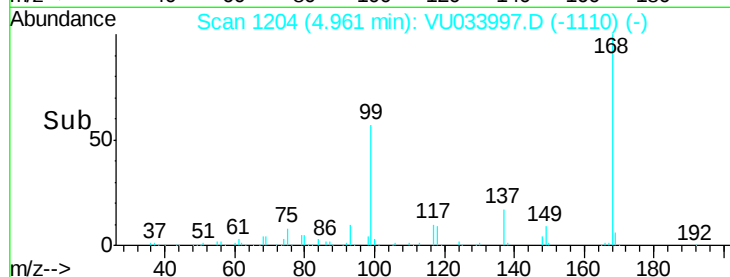
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.654 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU033997.D

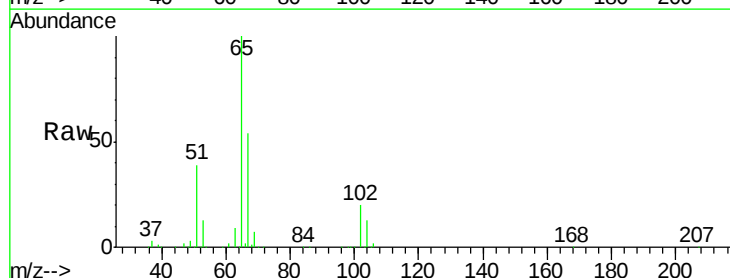
Acq: 28 Aug 2019 02:16

Tgt Ion: 65 Resp: 306838

Ion Ratio Lower Upper

65 100

67 53.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU033997.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU033997.D (-1289) (-)

5.29

150000

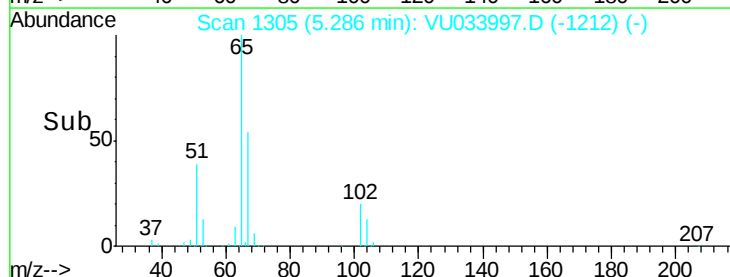
100000

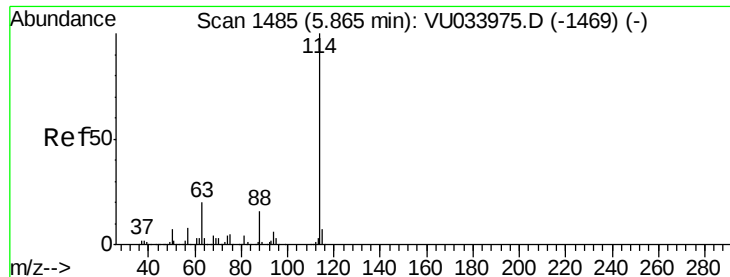
50000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU033997.D

Acq: 28 Aug 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBL02

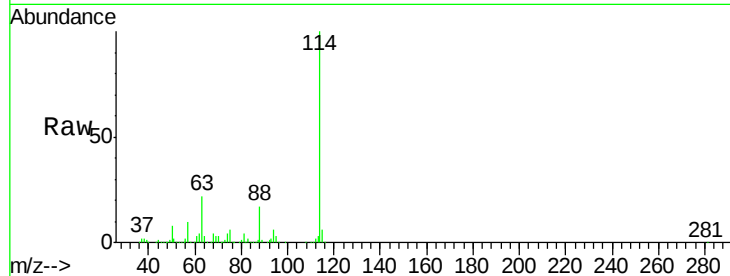
Tot Ion:114 Resp: 715134

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.0

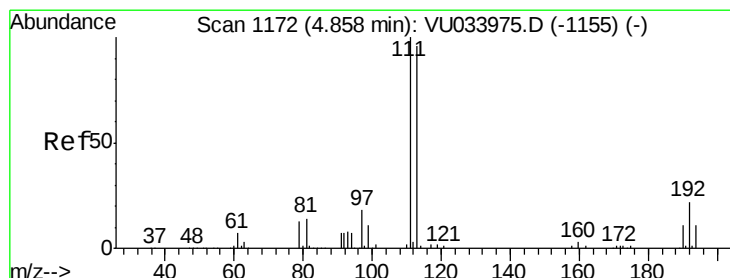
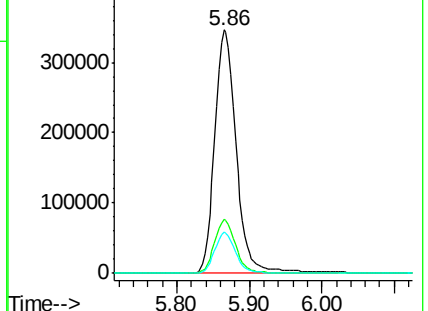
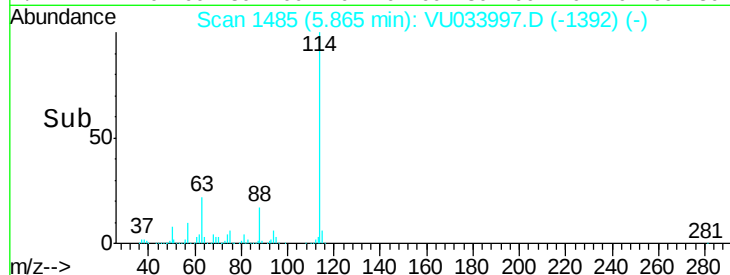
88 16.8 0.0 31.2



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: 50.142 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU033997.D

Acq: 28 Aug 2019 02:16

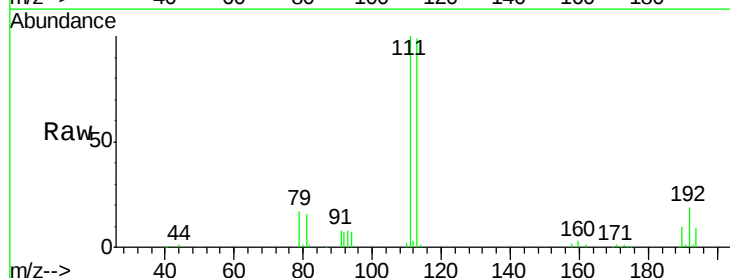
Tgt Ion:113 Resp: 241036

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

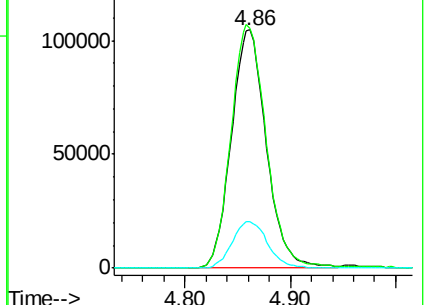
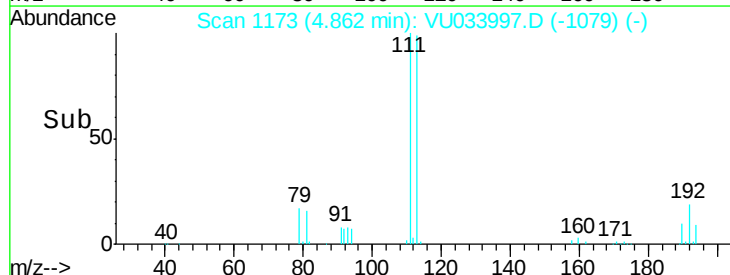
192 19.9 18.6 27.8

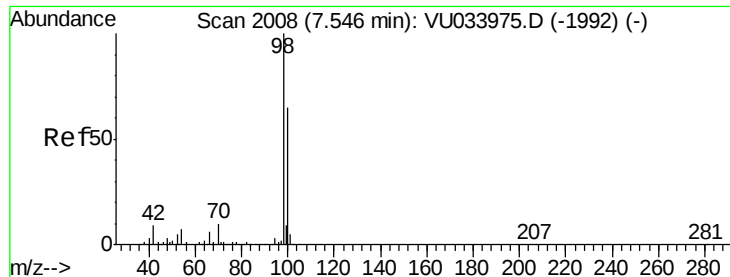


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.255 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033997.D

Acq: 28 Aug 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

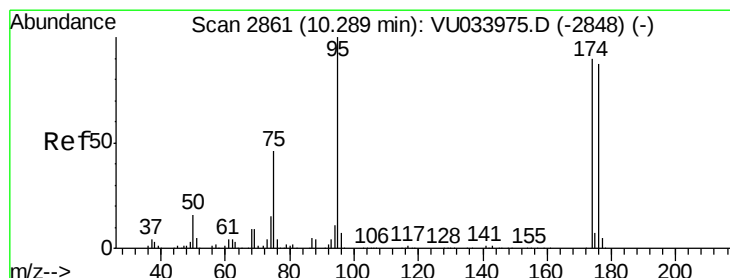
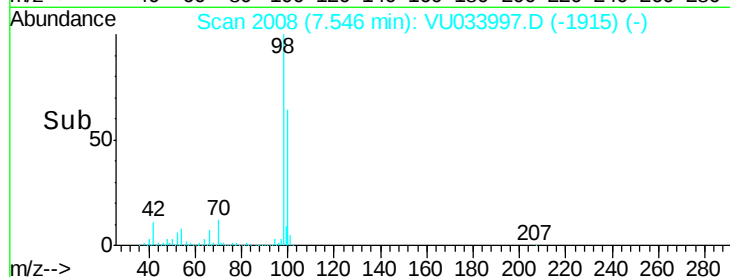
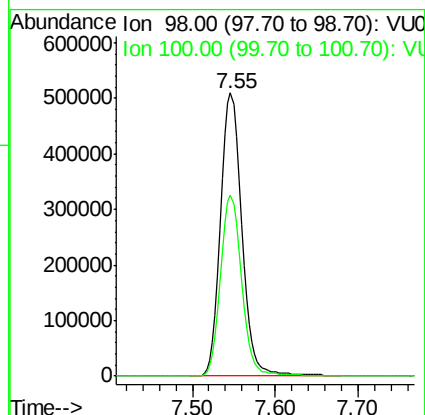
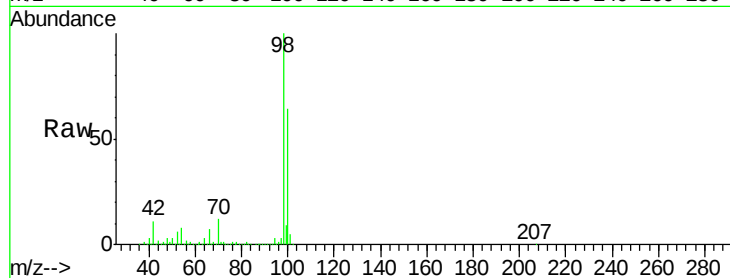
VU0828WBL02

Tot Ion: 98 Resp: 908788

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.165 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033997.D

Acq: 28 Aug 2019 02:16

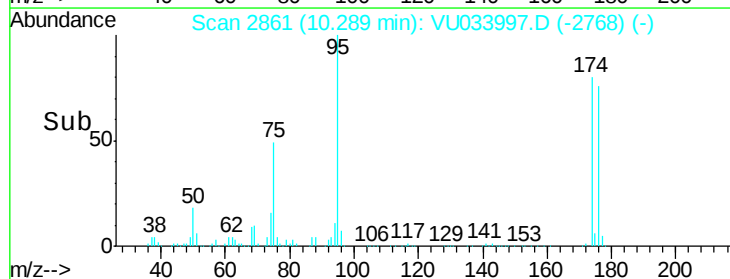
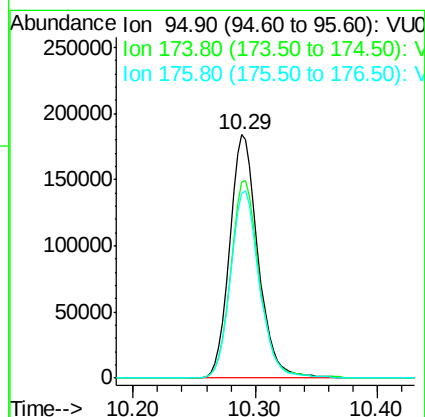
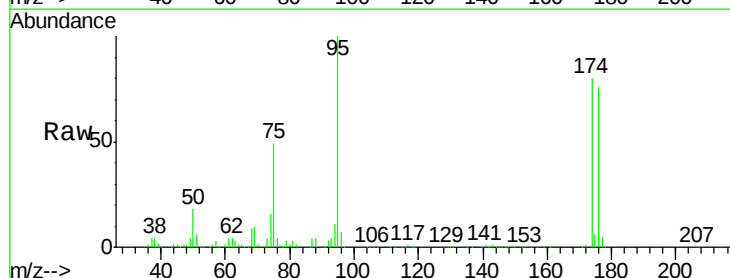
Tgt Ion: 95 Resp: 300388

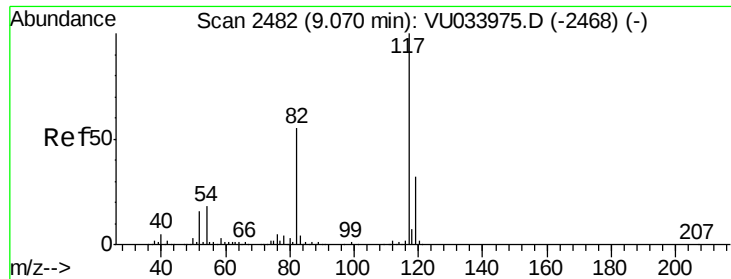
Ion Ratio Lower Upper

95 100

174 81.9 0.0 183.8

176 78.4 0.0 176.4

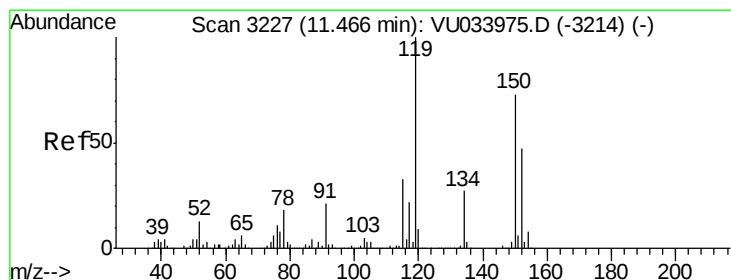
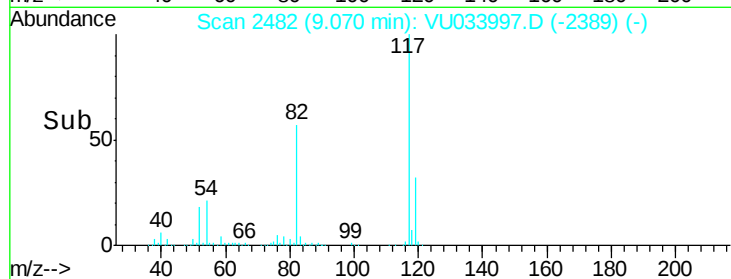
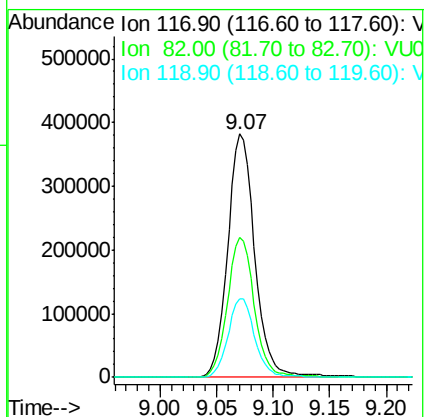
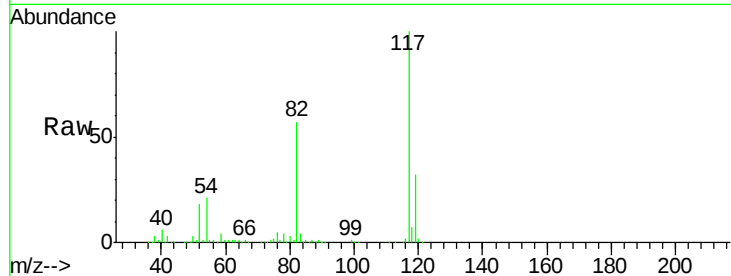




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033997.D
Acq: 28 Aug 2019 02:16

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBL02

Tot Ion:117 Resp: 637375
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU033997.D
Acq: 28 Aug 2019 02:16

Tgt Ion:152 Resp: 295240
Ion Ratio Lower Upper
152 100
115 58.0 38.6 115.7
150 158.8 0.0 343.8

