

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033966.D
 Acq On : 26 Aug 2019 23:00
 Operator : JC/SP
 Sample : K4538-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP

Quant Time: Aug 27 12:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 06:58:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	405198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	664552	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	616339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	265837	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.28	65	297432	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	4.86	113	225719	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	7.55	98	806736	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	10.29	95	269511	40.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.78%	

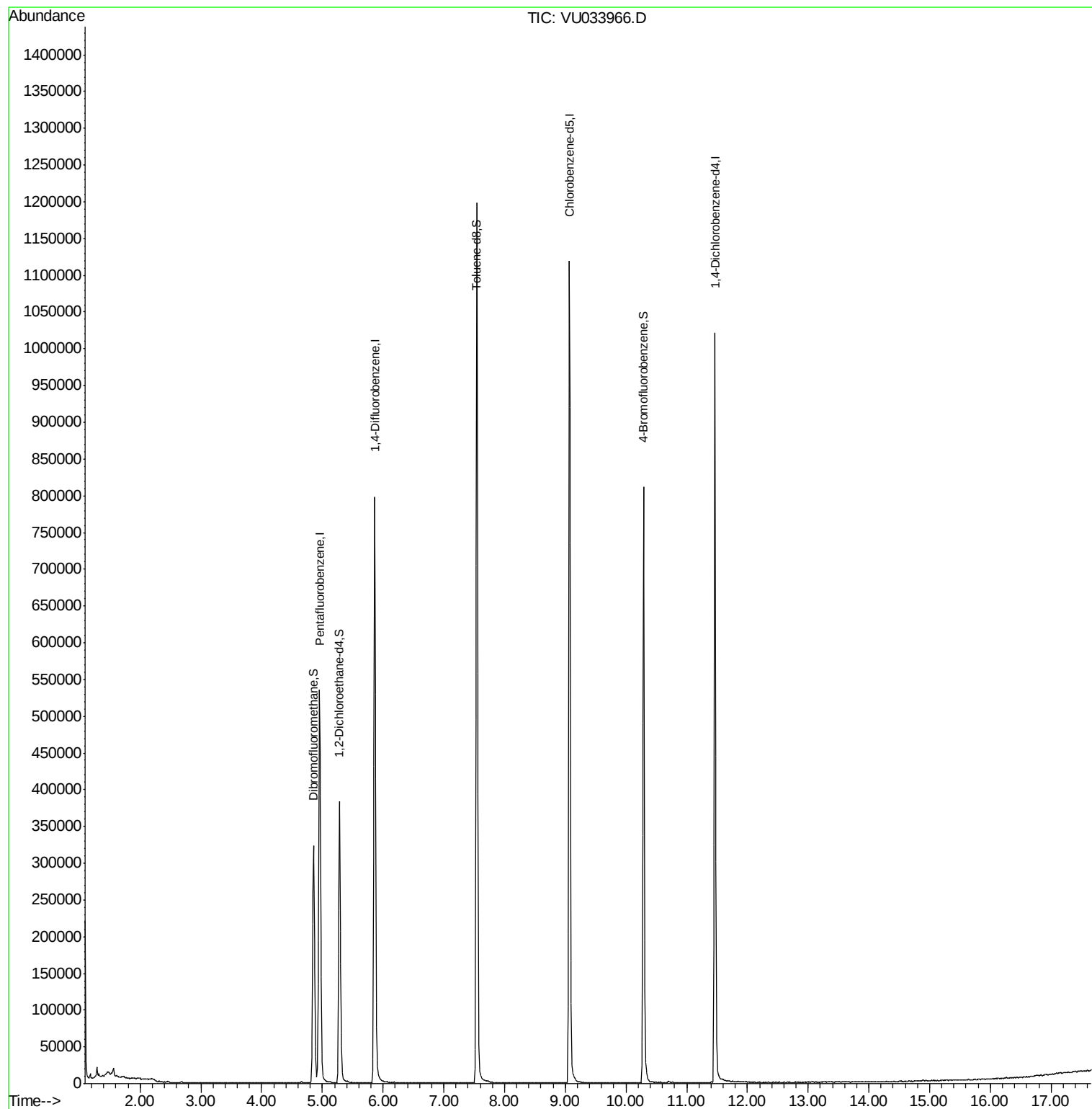
Target Compounds	Qvalue
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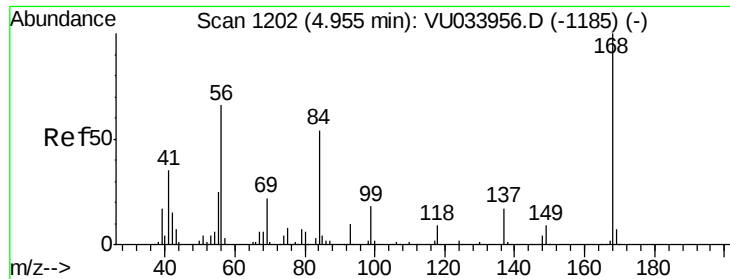
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU033966.D

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Instrument :

MSVOA_U

ClientSampleId :

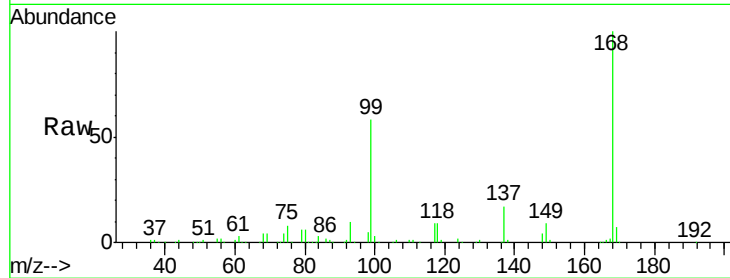
TRIP

Tot Ion:168 Resp: 405198

Ion Ratio Lower Upper

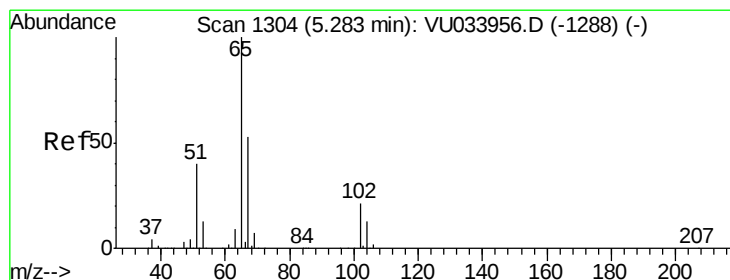
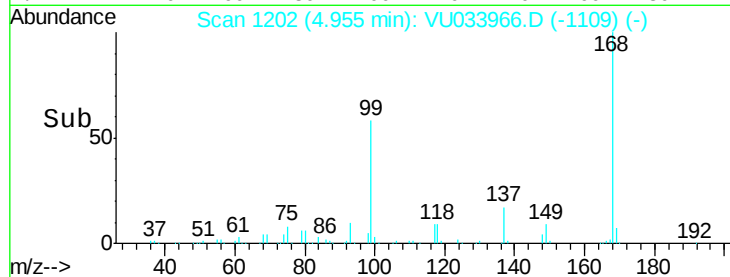
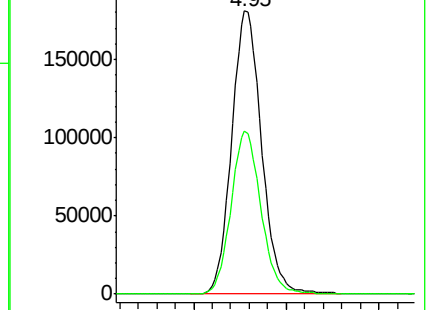
168 100

99 57.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1185) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.080 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033966.D

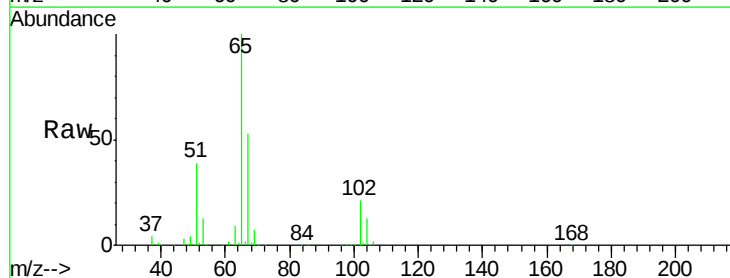
Acq: 26 Aug 2019 23:00

Tgt Ion: 65 Resp: 297432

Ion Ratio Lower Upper

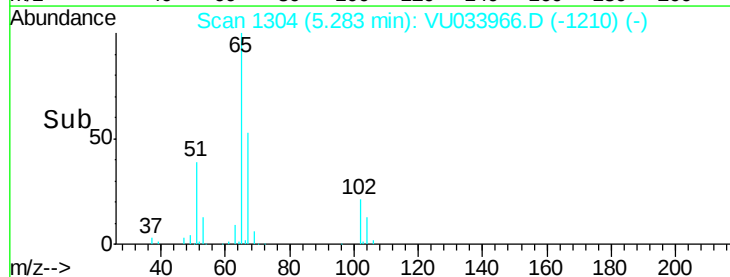
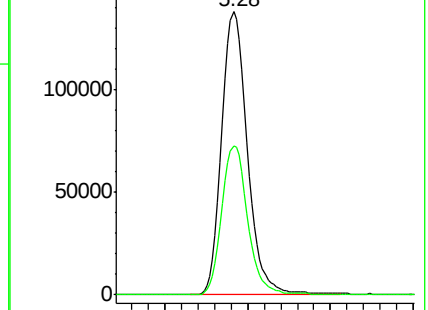
65 100

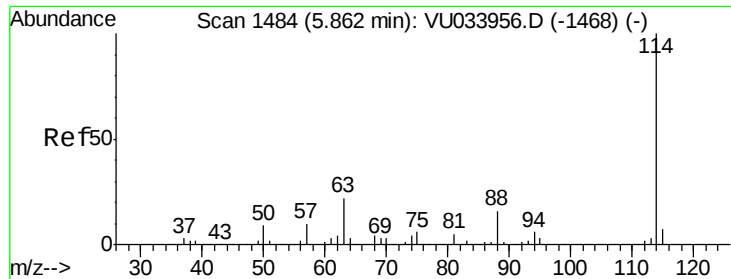
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VU033956.D (-1288) (-)

Ion 66.90 (66.60 to 67.60): VU033956.D (-1288) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU033966.D

Acq: 26 Aug 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

TRIP

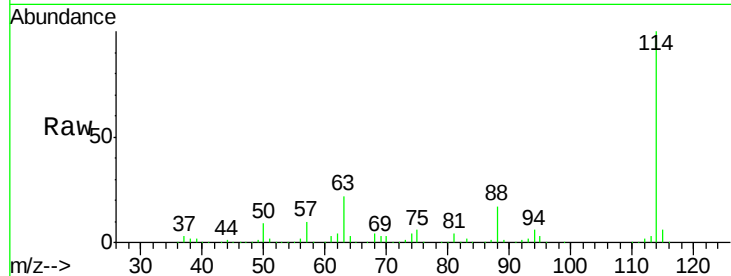
Tot Ion:114 Resp: 664552

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

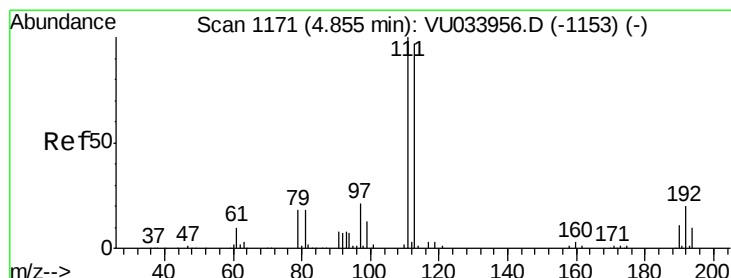
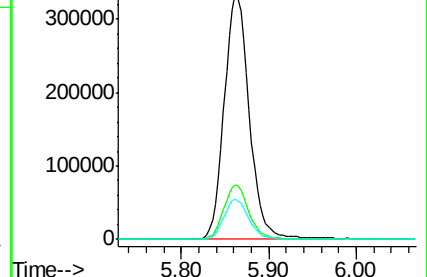
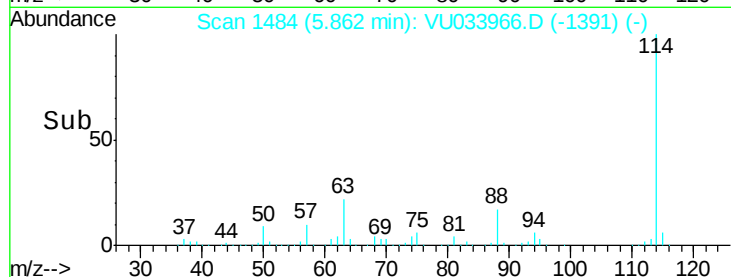
88 16.6 0.0 32.0



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: 48.829 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU033966.D

Acq: 26 Aug 2019 23:00

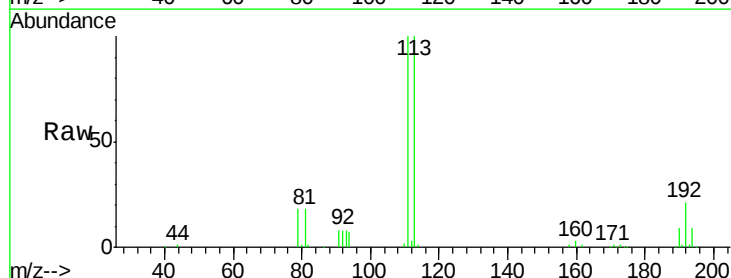
Tgt Ion:113 Resp: 225719

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

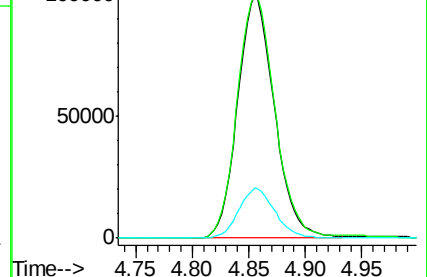
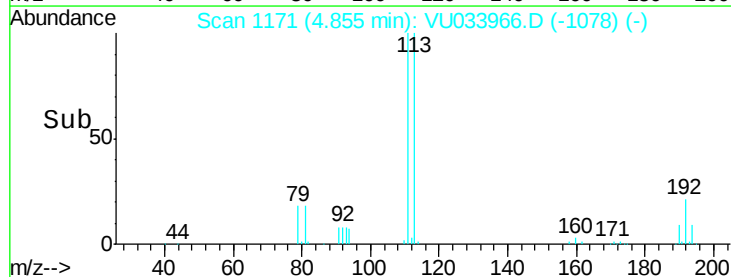
192 20.2 16.2 24.4

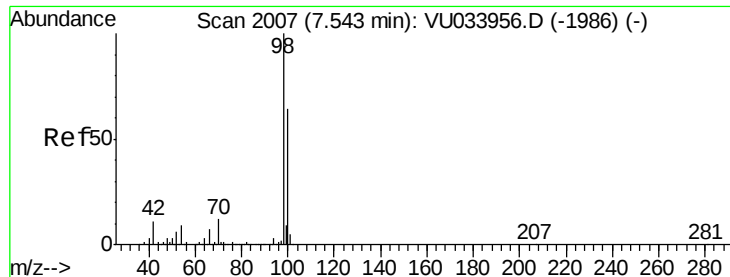


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.180 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033966.D

Acq: 26 Aug 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

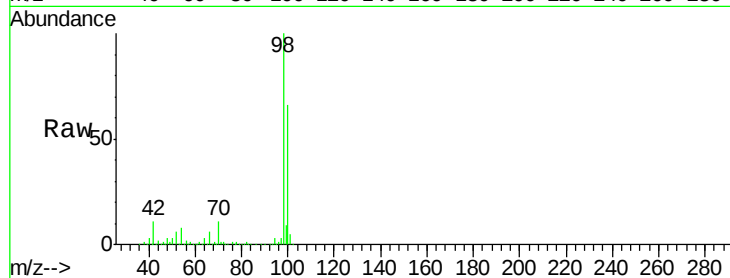
TRIP

Tot Ion: 98 Resp: 806736

Ion Ratio Lower Upper

98 100

100 65.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VU033956.D (-1986) (-)

Ion 100.00 (99.70 to 100.70): VU033956.D (-1986) (-)

7.55

400000

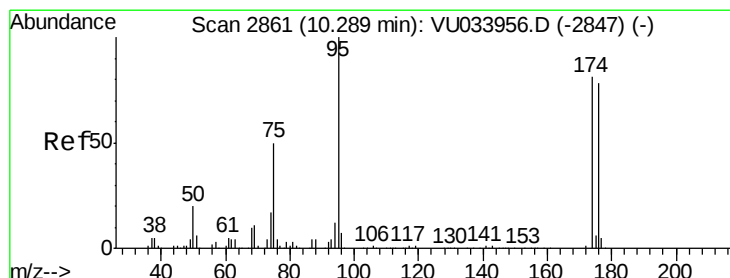
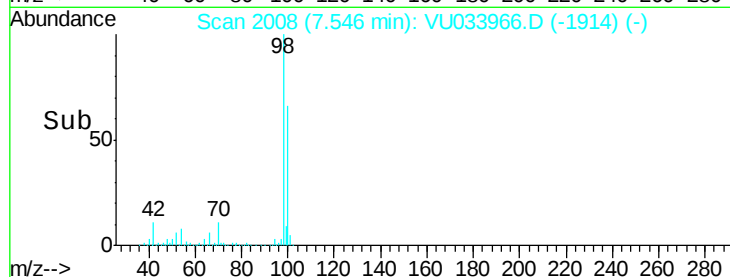
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.888 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU033966.D

Acq: 26 Aug 2019 23:00

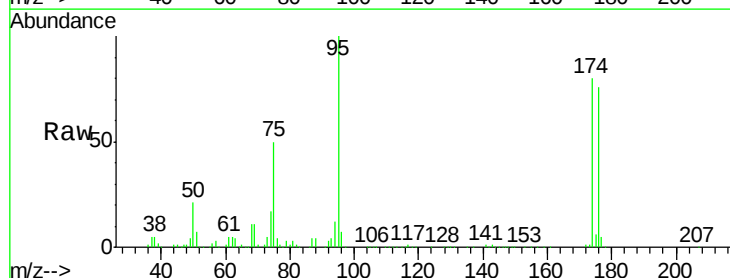
Tgt Ion: 95 Resp: 269511

Ion Ratio Lower Upper

95 100

174 80.5 0.0 160.4

176 77.7 0.0 154.2



Abundance Ion 94.90 (94.60 to 95.60): VU033956.D (-2847) (-)

Ion 173.80 (173.50 to 174.50): VU033956.D (-2847) (-)

Ion 175.80 (175.50 to 176.50): VU033956.D (-2847) (-)

10.29

200000

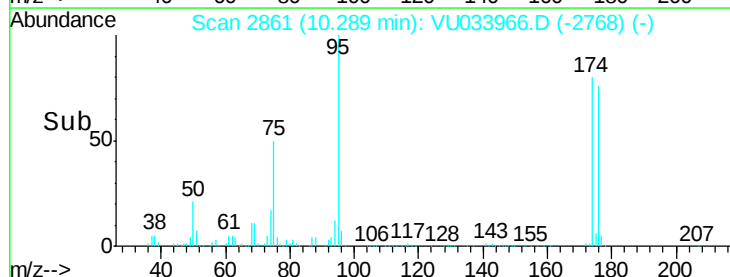
150000

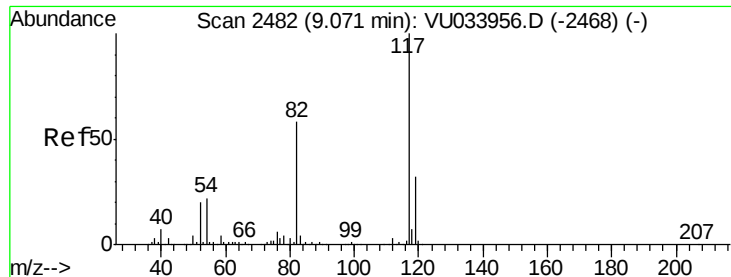
100000

50000

0

Time-->

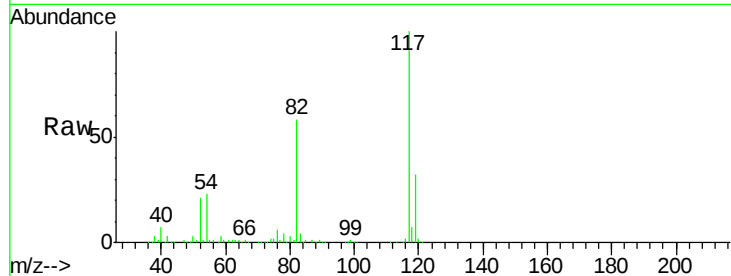




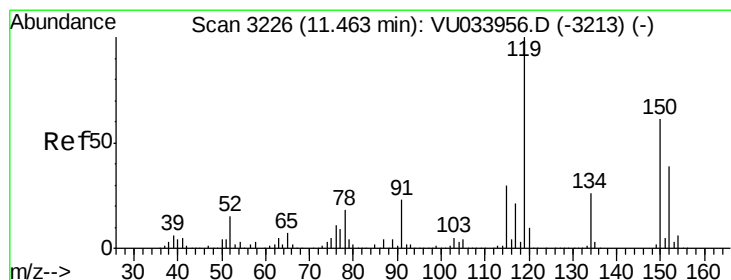
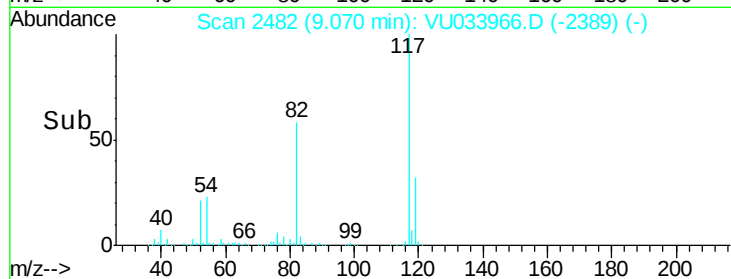
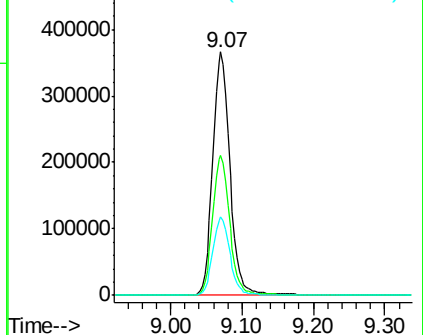
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033966.D
Acq: 26 Aug 2019 23:00

Instrument :
MSVOA_U
ClientSampleId :
TRIP

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.4	69.6
119	32.1	25.3	37.9

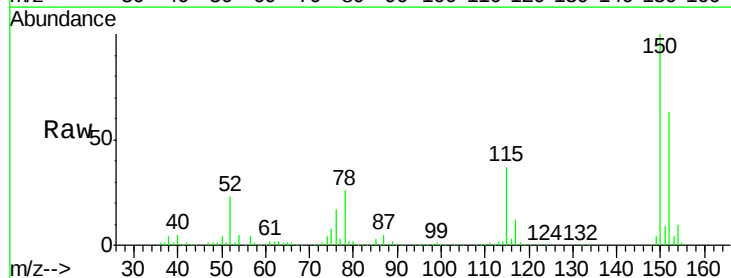


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU033966.D
Acq: 26 Aug 2019 23:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	40.3	120.9
150	156.0	0.0	346.0



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

