

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033964.D
 Acq On : 26 Aug 2019 22:11
 Operator : JC/SP
 Sample : K4539-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP

Quant Time: Aug 27 12:21:43 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	4.96	168	416060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	671758	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	624604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	266257	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	299712	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	4.86	113	225885	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	7.55	98	875696	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	10.29	95	276656	41.52	ug/l	0.00
Spiked Amount			Recovery	=	83.04%	

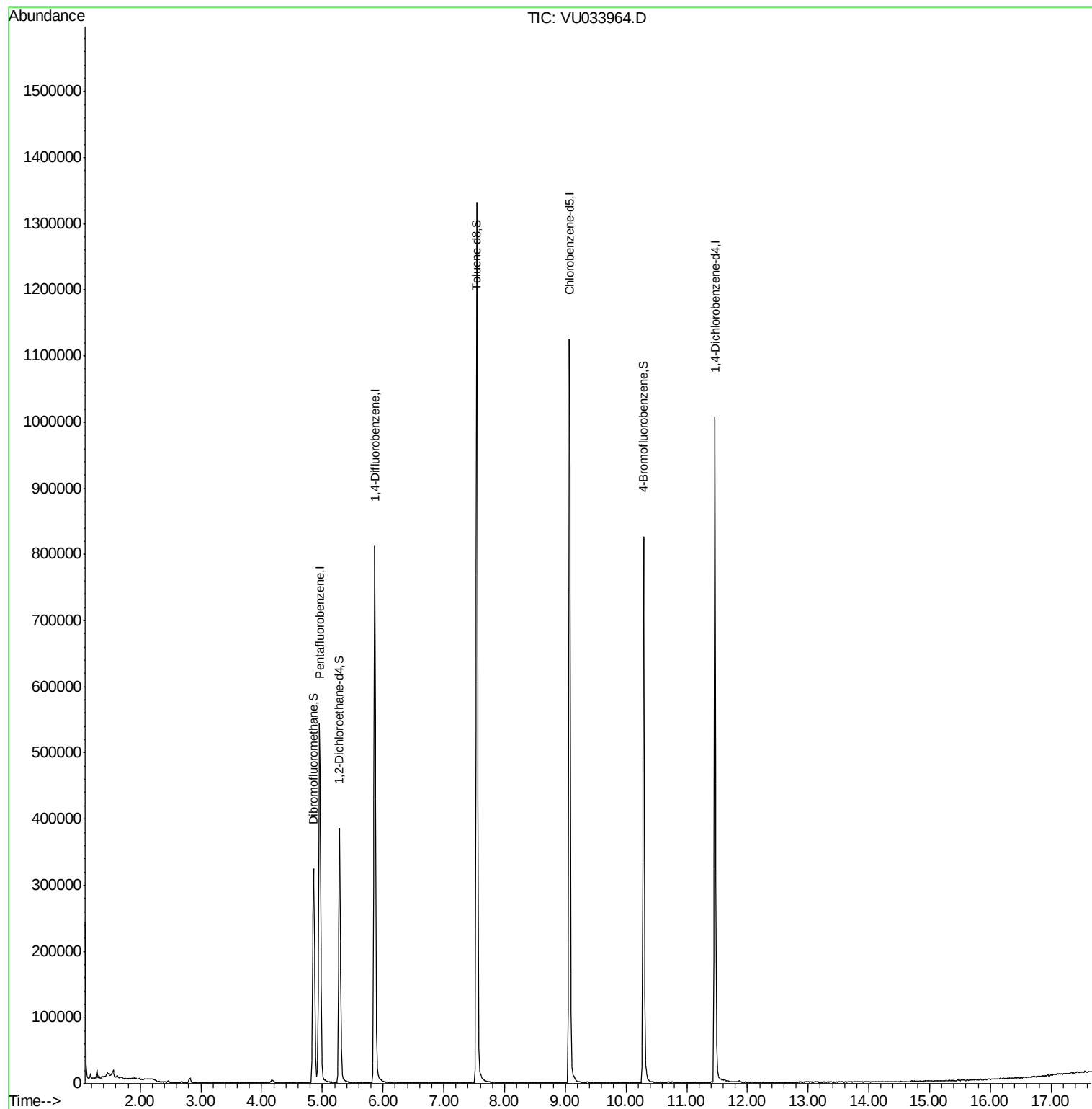
Target Compounds	Qvalue
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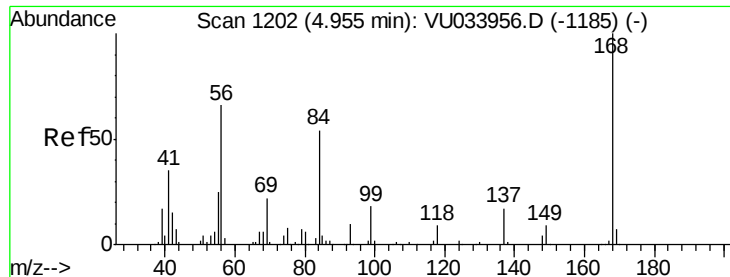
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU033964.D

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MSVOA_U

ClientSampleId :

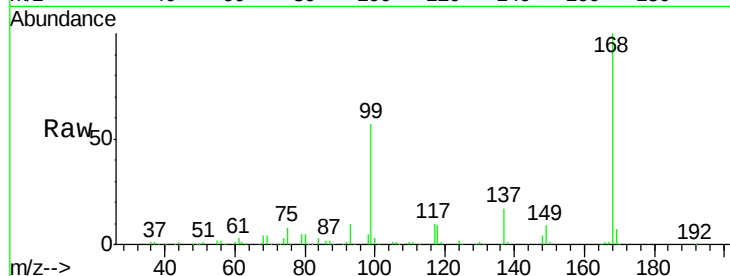
TRIP

Tot Ion:168 Resp: 416060

Ion Ratio Lower Upper

168 100

99 56.6 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) (-)

4.96

200000

150000

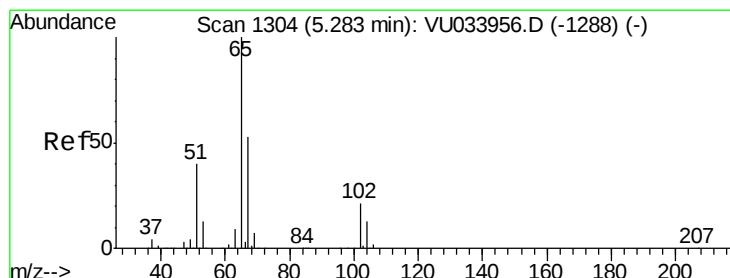
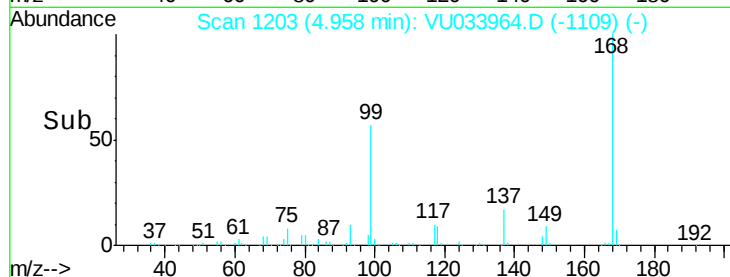
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.127 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033964.D

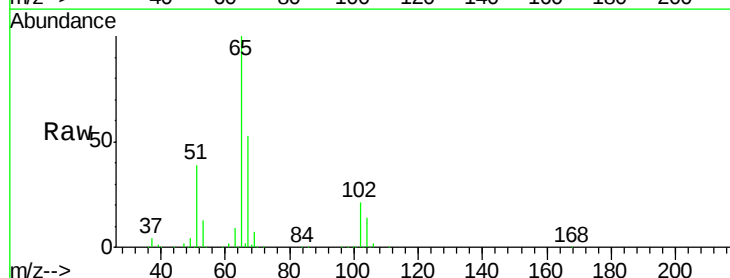
Acq: 26 Aug 2019 22:11

Tgt Ion: 65 Resp: 299712

Ion Ratio Lower Upper

65 100

67 52.7 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) (-)

5.28

150000

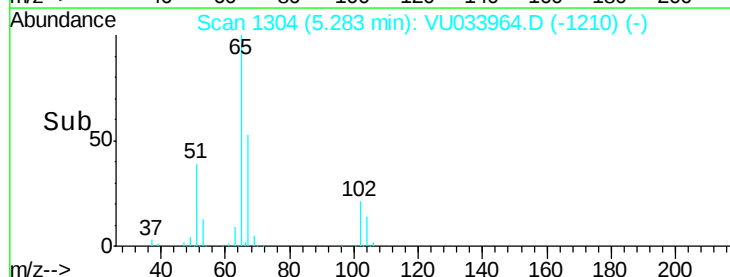
100000

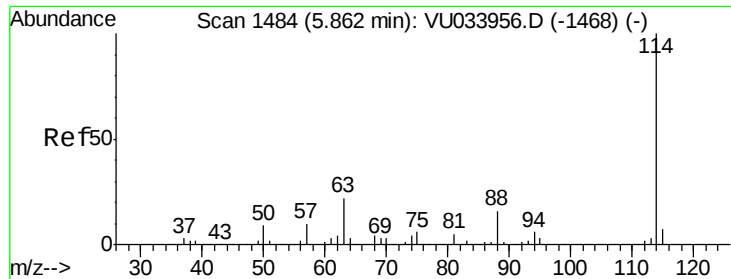
50000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU033964.D

Acq: 26 Aug 2019 22:11

Instrument :

MSVOA_U

ClientSampleId :

TRIP

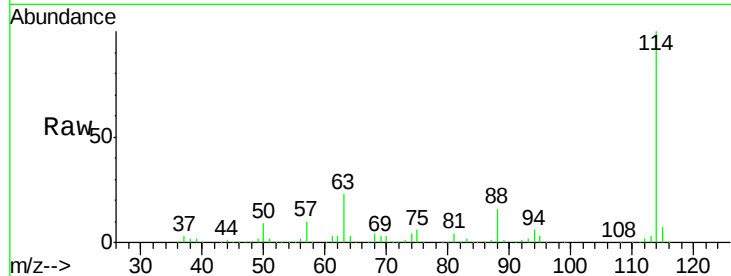
Tot Ion:114 Resp: 671758

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

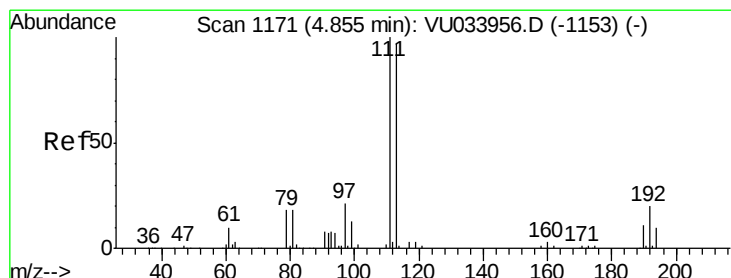
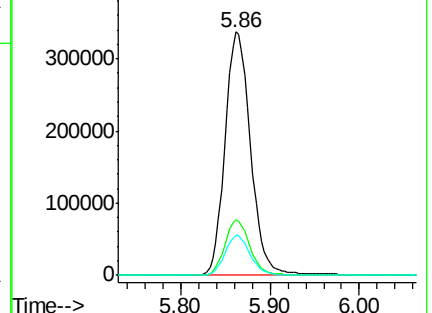
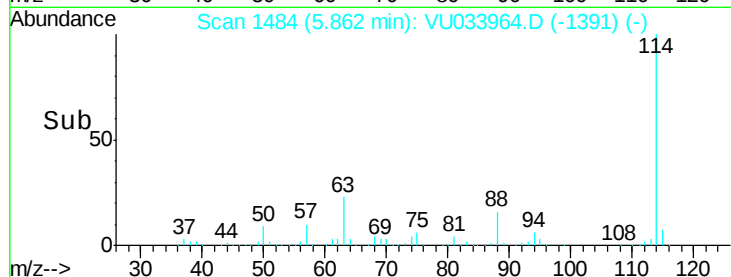
88 16.3 0.0 32.0



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: 48.341 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU033964.D

Acq: 26 Aug 2019 22:11

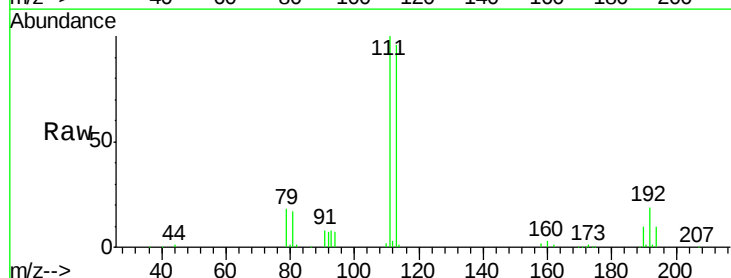
Tgt Ion:113 Resp: 225885

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

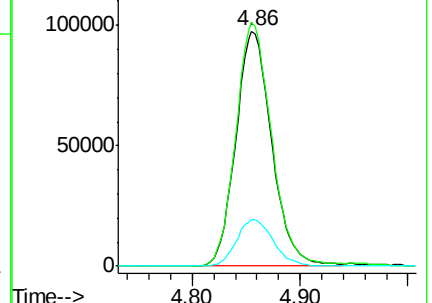
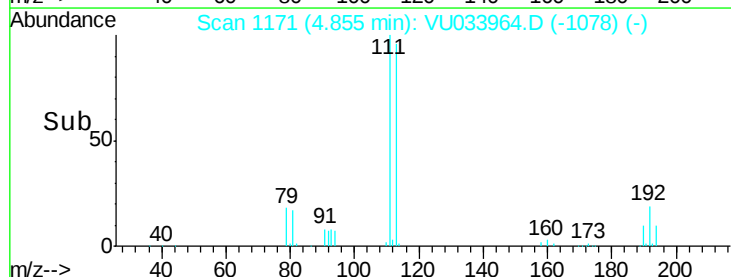
192 20.2 16.2 24.4

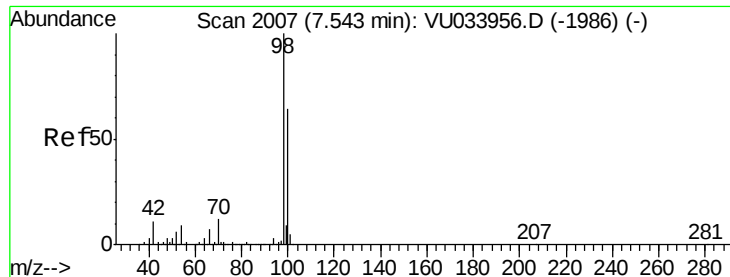


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

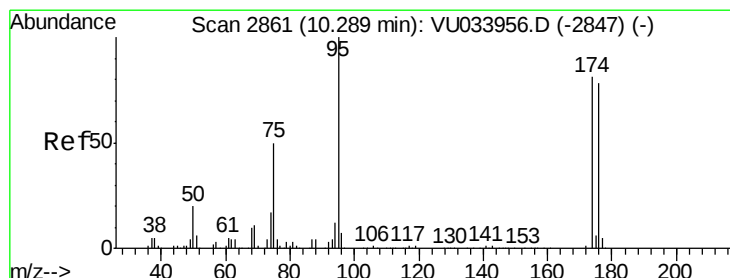
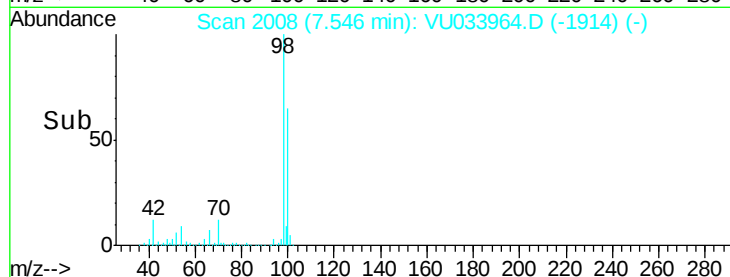
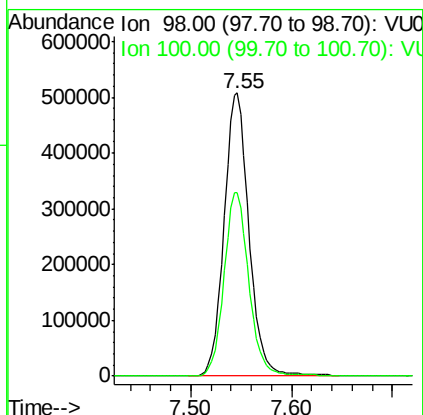
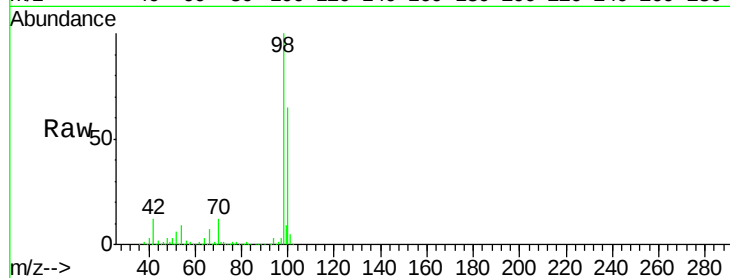




#50
Toluene-d8
Concen: 50.664 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU033964.D
Acq: 26 Aug 2019 22:11

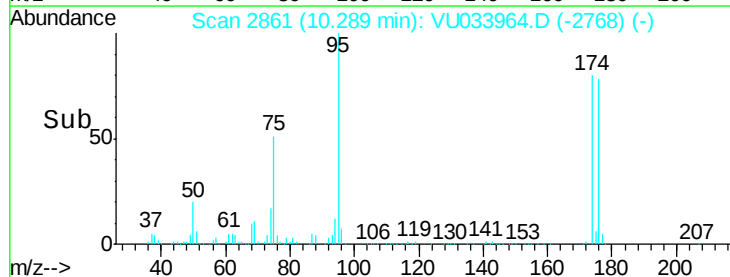
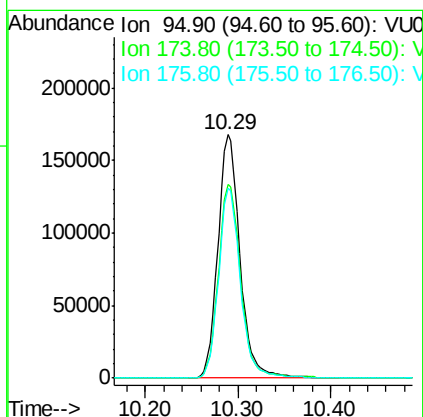
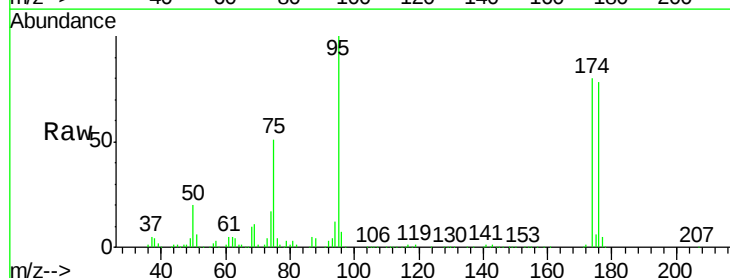
Instrument :
MSVOA_U
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TRIP

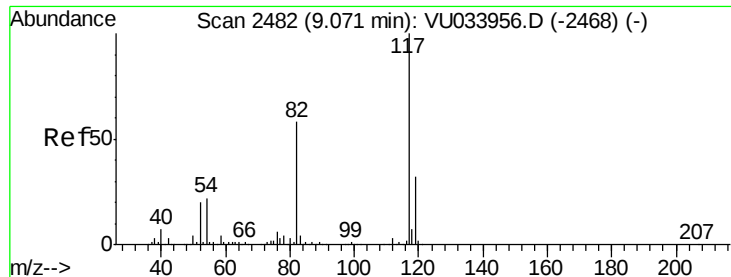
Tot Ion: 98 Resp: 875696
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 41.522 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU033964.D
Acq: 26 Aug 2019 22:11

Tgt Ion: 95 Resp: 276656
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.4
176 76.9 0.0 154.2

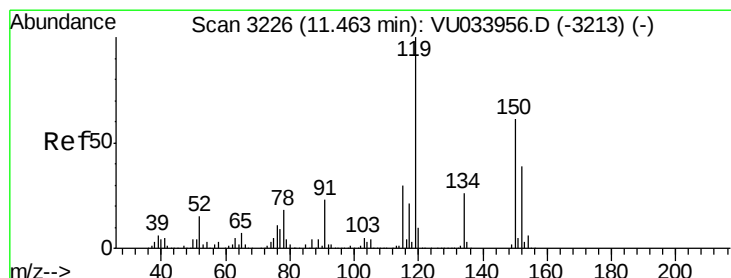
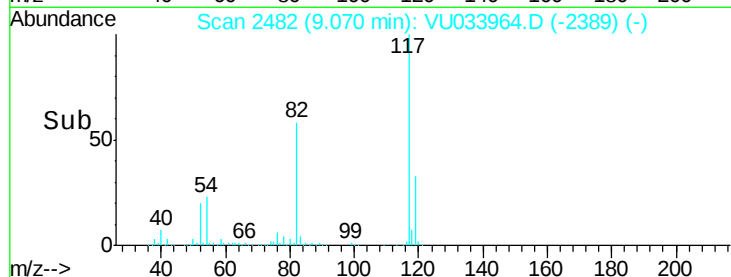
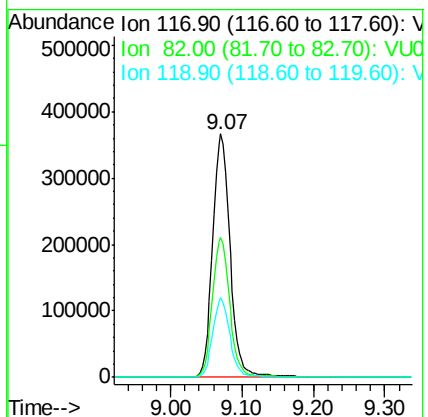
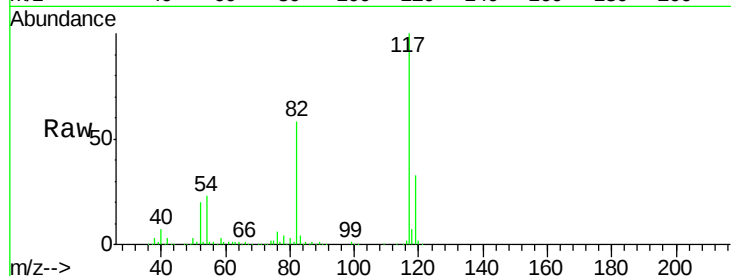




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033964.D
Acq: 26 Aug 2019 22:11

Instrument :
MSVOA_U
ClientSampleId :
TRIP

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.4	69.6
119	32.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU033964.D
Acq: 26 Aug 2019 22:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	40.3	120.9
150	156.6	0.0	346.0

