

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011941.D
 Acq On : 15 Aug 2019 20:52
 Operator : SY/VA
 Sample : K4354-02
 Misc : 4.31G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-02-081319

Quant Time: Aug 16 05:19:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140343	59.69	ug/l	0.00
Spiked Amount			Recovery	=	119.38%	
35) Dibromofluoromethane	7.88	113	108748	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	
50) Toluene-d8	10.32	98	431086	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.62	95	138585	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	

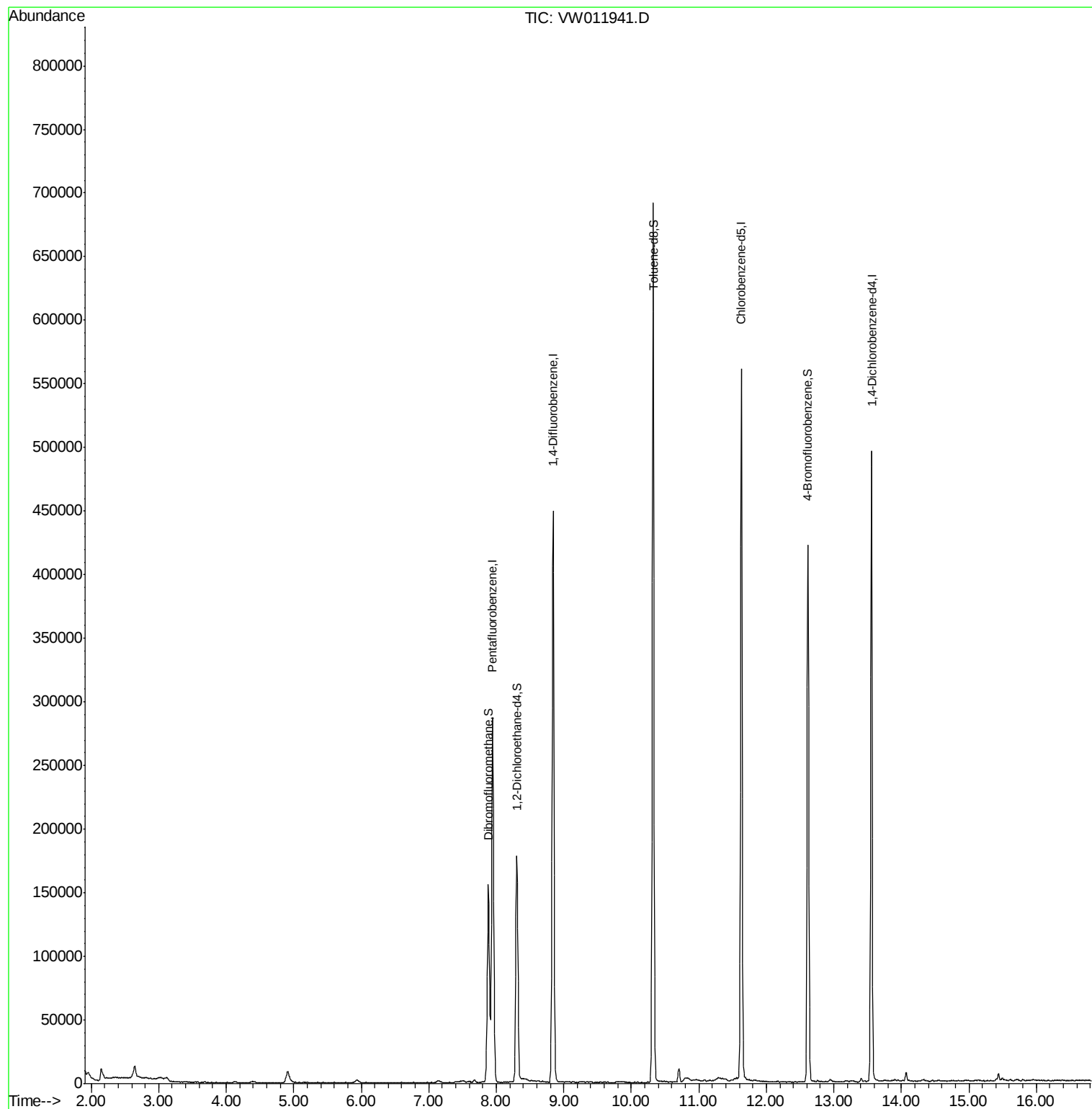
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011941.D

Acq: 15 Aug 2019 20:52

Instrument :

MSVOA_W

ClientSampleId :

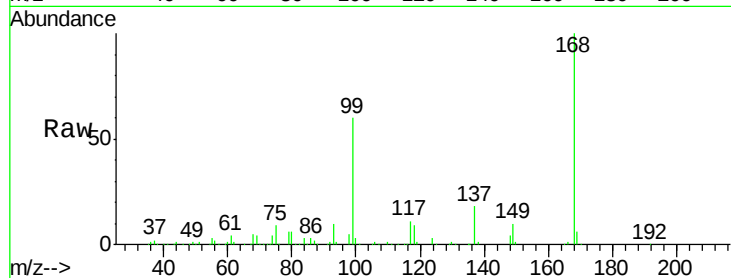
PX-02-081319

Tot Ion:168 Resp: 204762

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

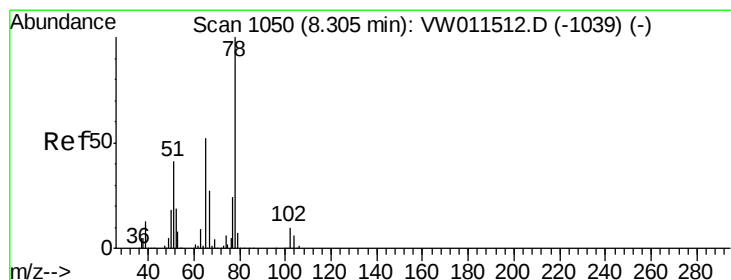
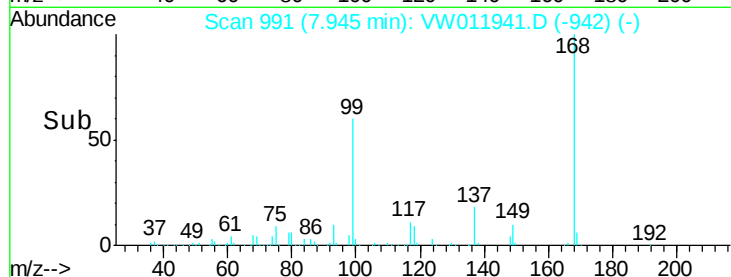
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.689 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011941.D

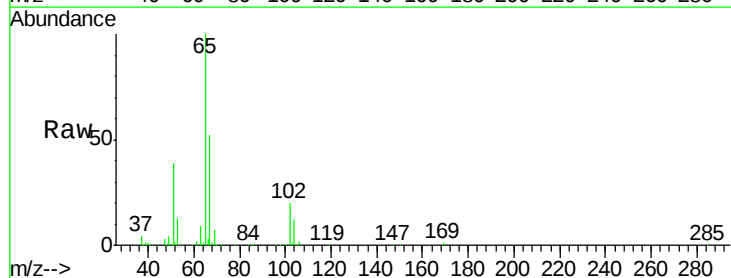
Acq: 15 Aug 2019 20:52

Tgt Ion: 65 Resp: 140343

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

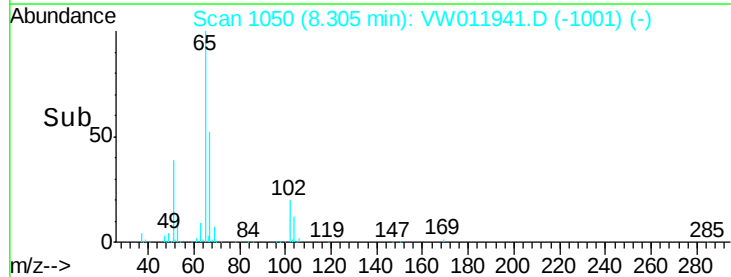
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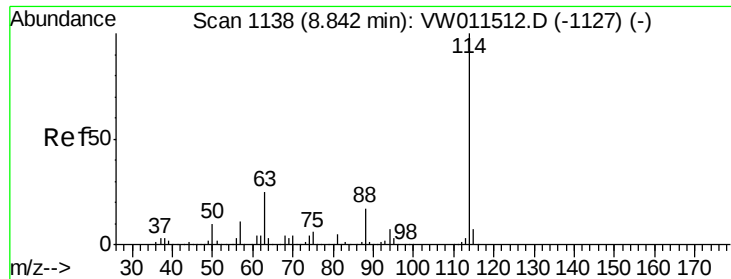
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011941.D

Acq: 15 Aug 2019 20:52

Instrument :

MSVOA_W

ClientSampleId :

PX-02-081319

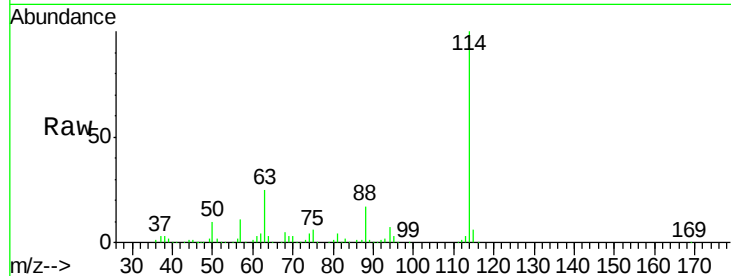
Tot Ion:114 Resp: 352004

Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

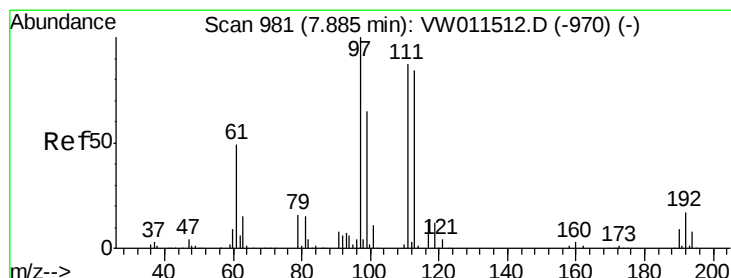
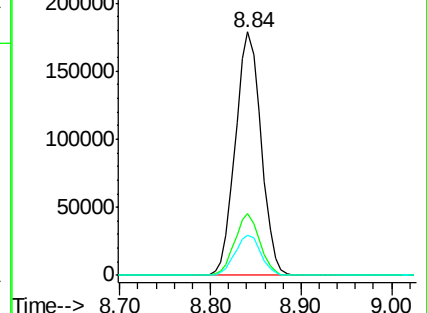
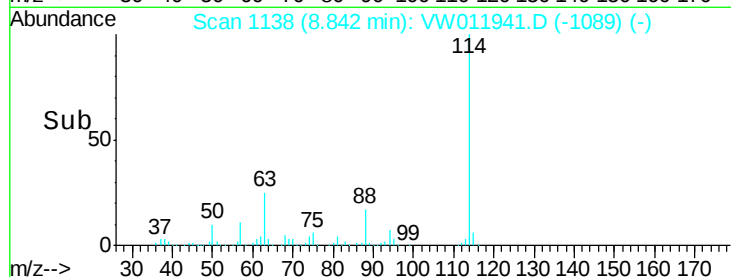
88 16.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011941.D

Acq: 15 Aug 2019 20:52

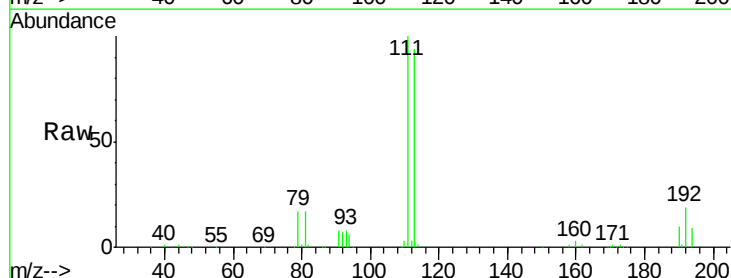
Tgt Ion:113 Resp: 108748

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

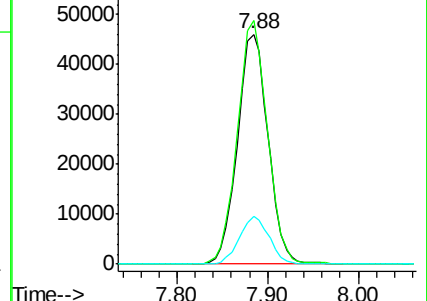
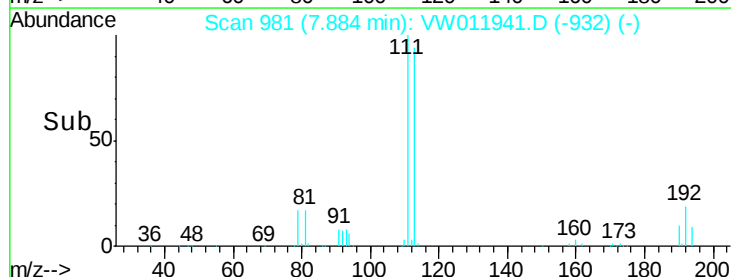
192 20.1 16.1 24.1

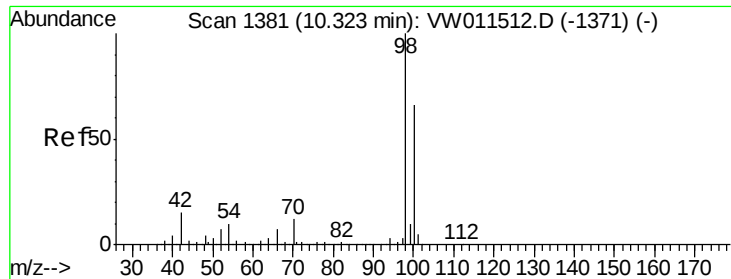


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

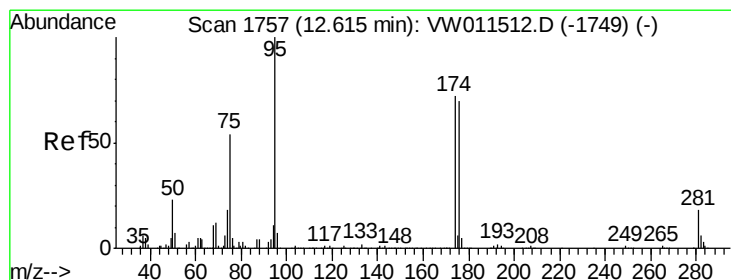
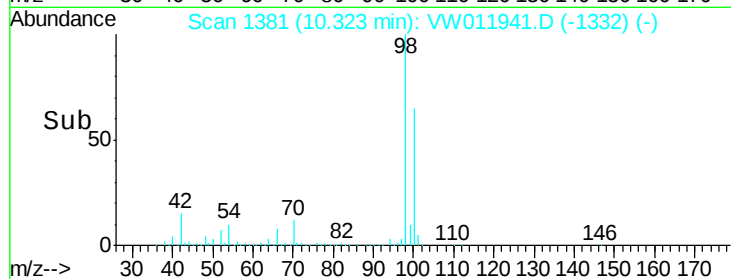
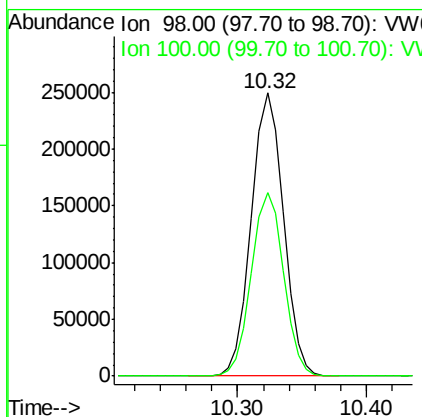
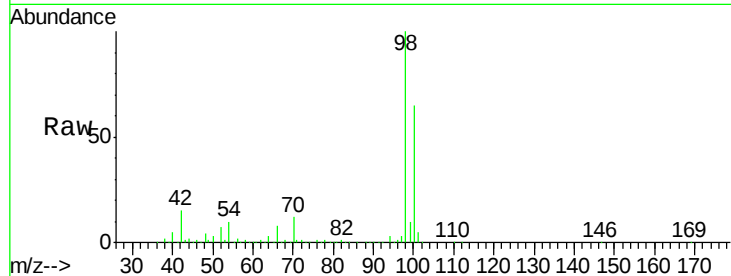




#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011941.D
Acq: 15 Aug 2019 20:52

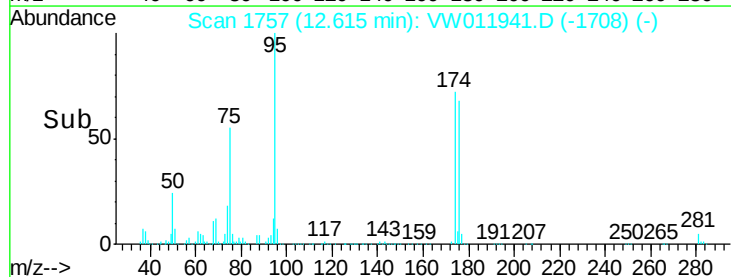
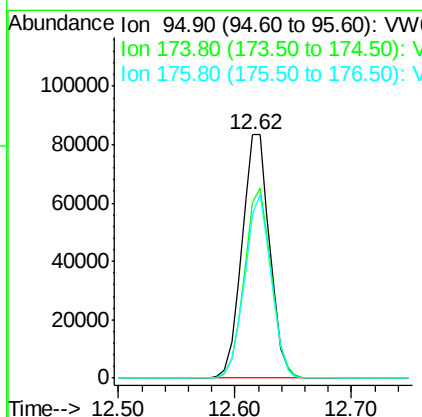
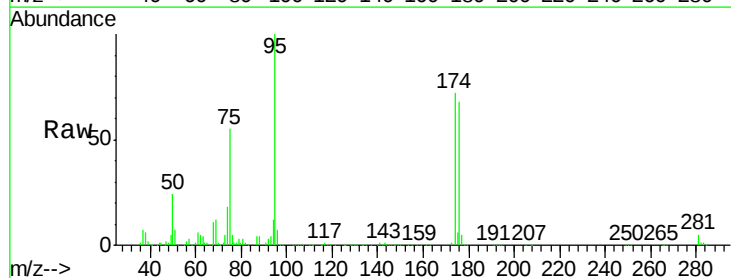
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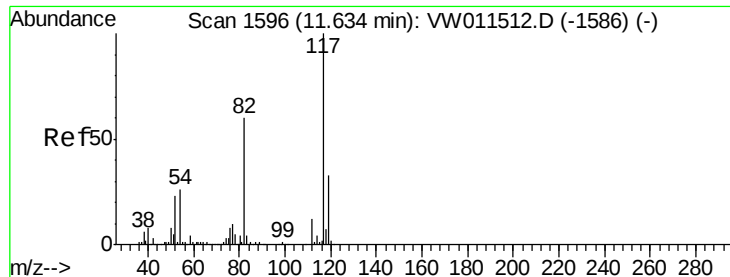
Tot Ion: 98 Resp: 431086
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.076 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011941.D
Acq: 15 Aug 2019 20:52

Tgt Ion: 95 Resp: 138585
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 72.5 0.0 144.4

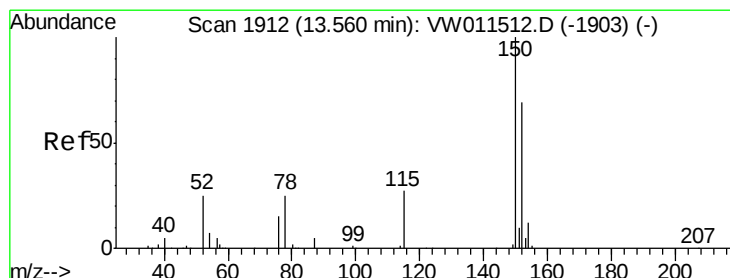
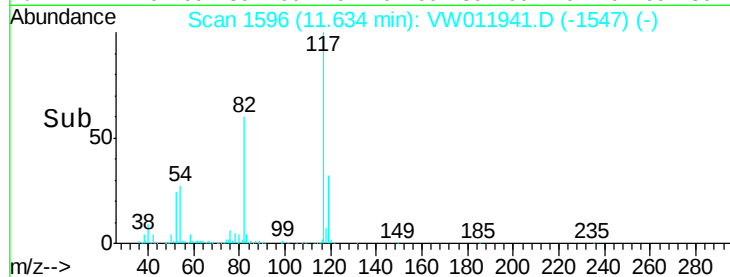
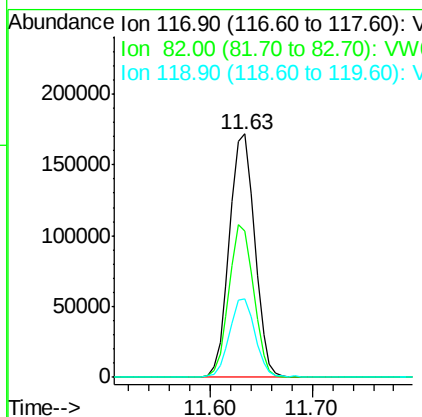
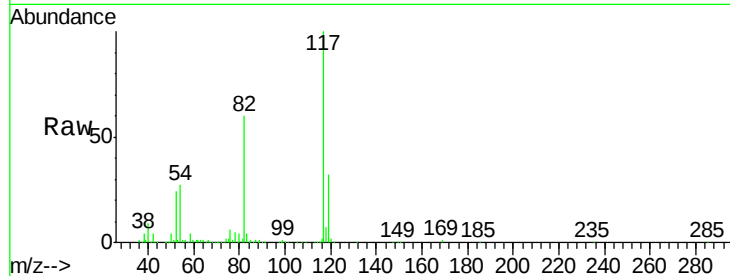




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011941.D
Acq: 15 Aug 2019 20:52

Instrument :
MSVOA_W
ClientSampleId :
PX-02-081319

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.9	71.9
119	32.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011941.D
Acq: 15 Aug 2019 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.5	91.5
150	157.0	0.0	352.6

