

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015435.D
 Acq On : 15 May 2020 15:44
 Operator : SY/VA
 Sample : L2663-11
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1328

Quant Time: May 16 07:55:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110062	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	113014	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	7.88	113	102373	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	10.32	98	410517	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	163853	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	

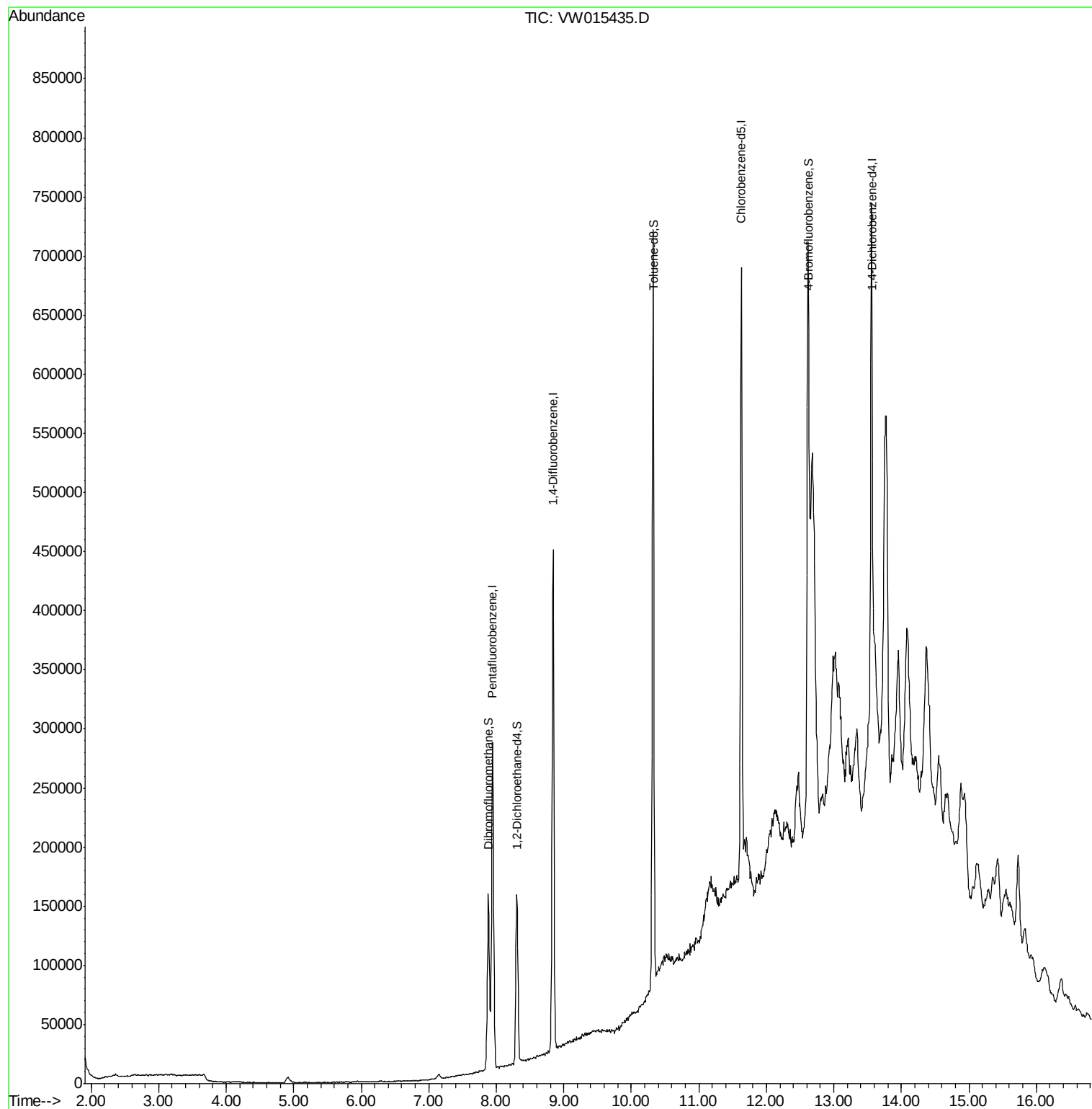
Target Compounds	Qvalue
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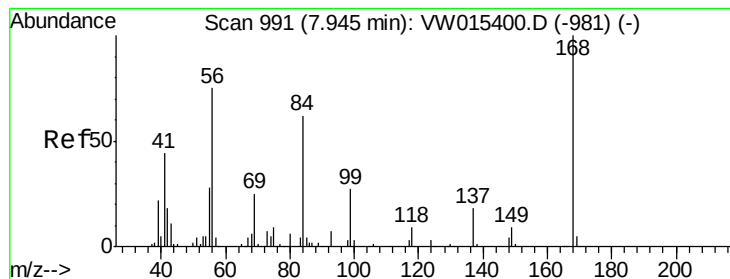
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :
1328

Quant Time: May 16 07:55:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015435.D

Acq: 15 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

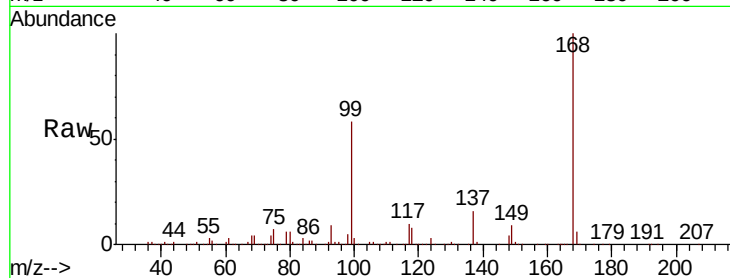
1328

Tot Ion:168 Resp: 206426

Ion Ratio Lower Upper

168 100

99 58.2 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

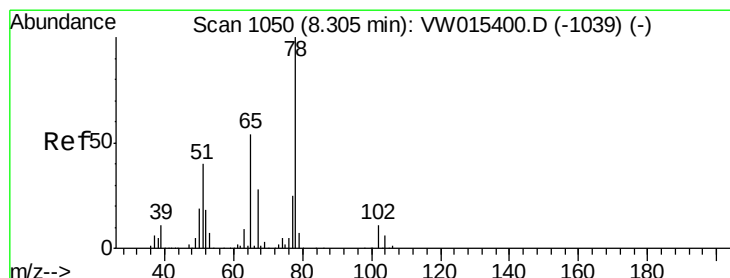
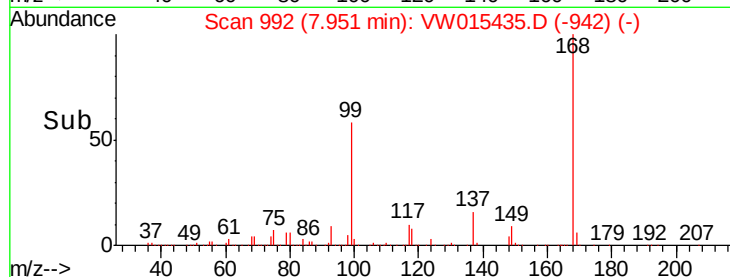
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.804 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015435.D

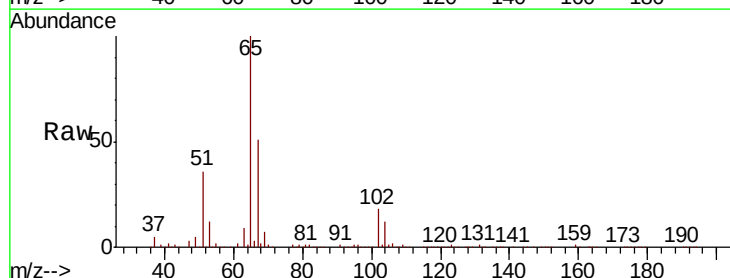
Acq: 15 May 2020 15:44

Tgt Ion: 65 Resp: 113014

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

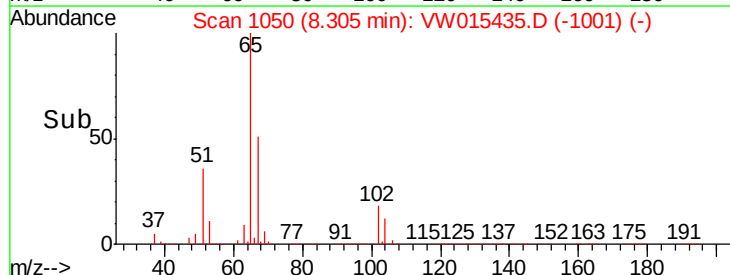
30000

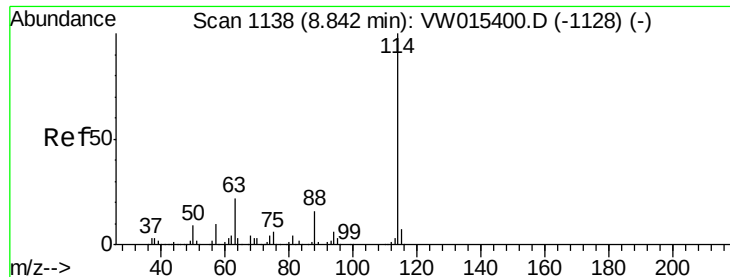
20000

10000

0

Time--> 8.20 8.30 8.40

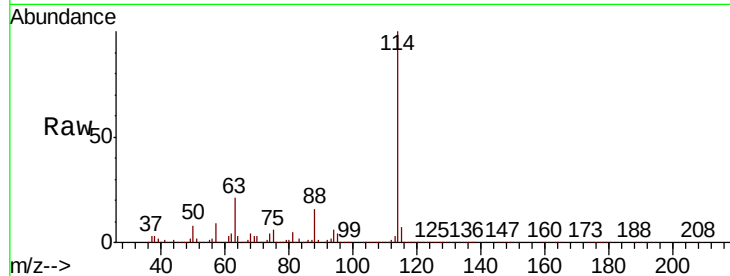




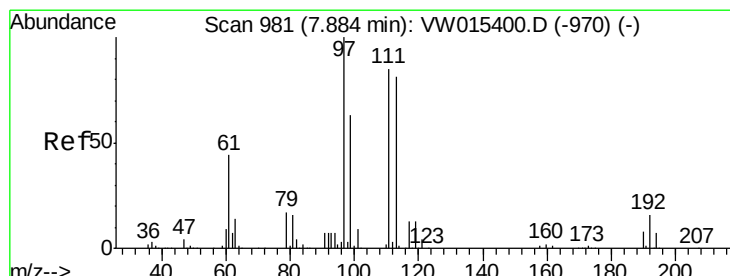
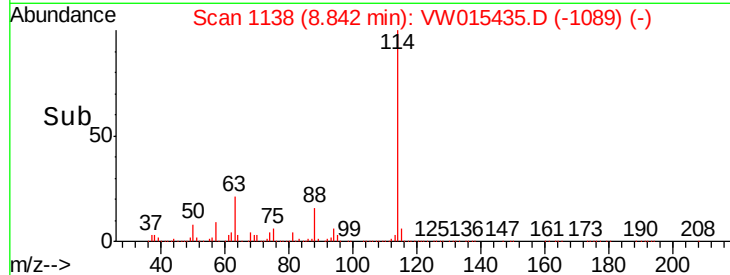
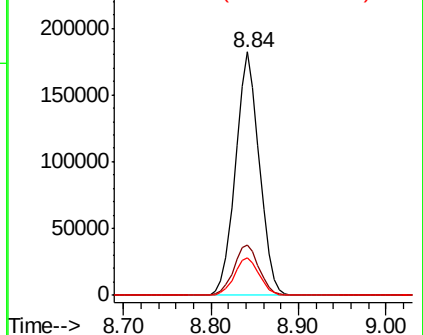
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015435.D
 Acq: 15 May 2020 15:44

Instrument :
 MSVOA_W
 ClientSampleId :
 1328

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.4
88	15.7	0.0	31.8

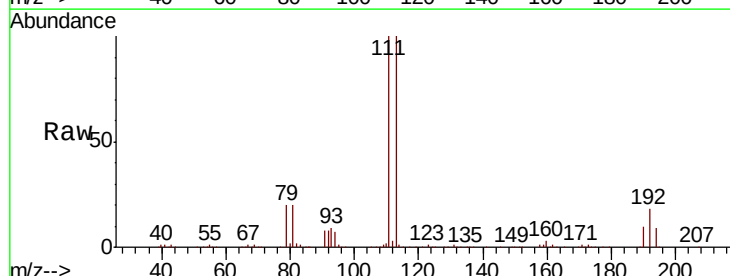


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

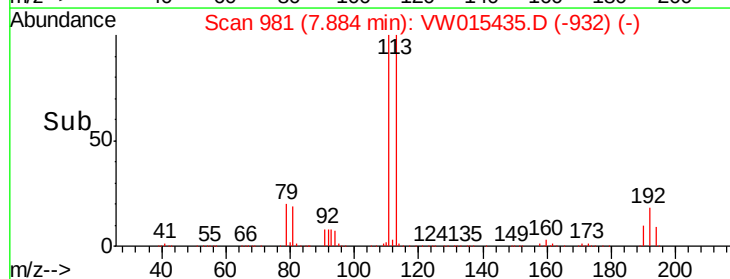
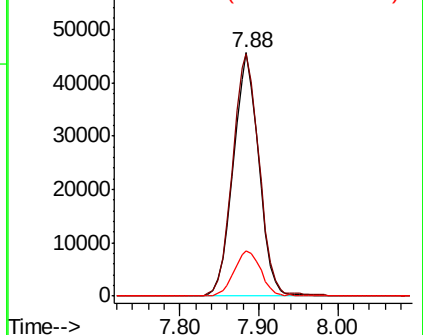


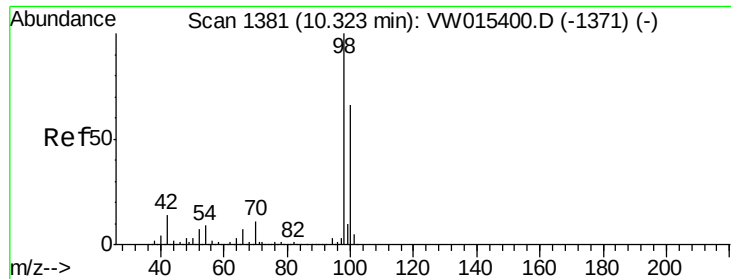
#35
 Dibromofluoromethane
 Concen: 51.727 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015435.D
 Acq: 15 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	19.7	15.4	23.0



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: 50.122 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015435.D

Acq: 15 May 2020 15:44

Instrument :

MSVOA_W

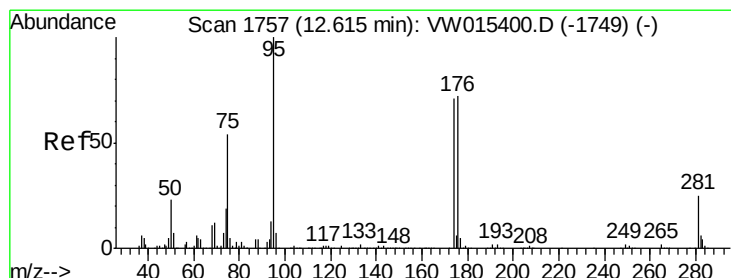
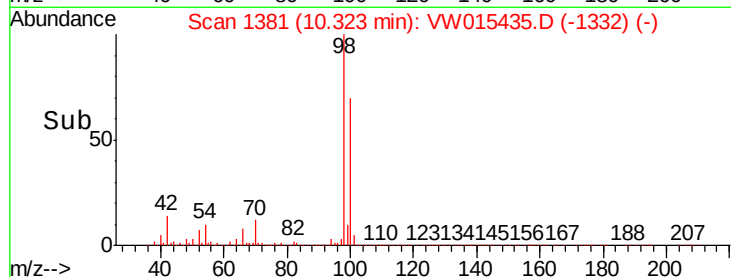
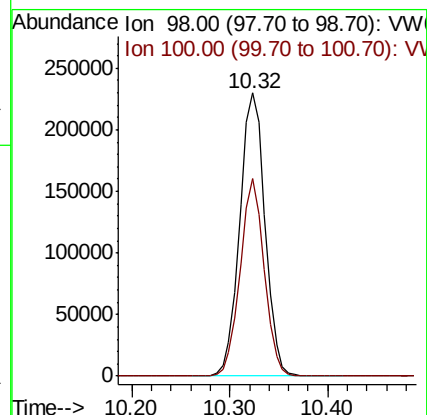
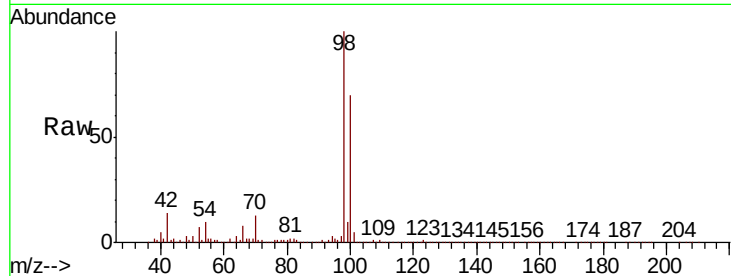
ClientSampled :
1328

Tot Ion: 98 Resp: 410517

Ion Ratio Lower Upper

98 100

100 66.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 54.178 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015435.D

Acq: 15 May 2020 15:44

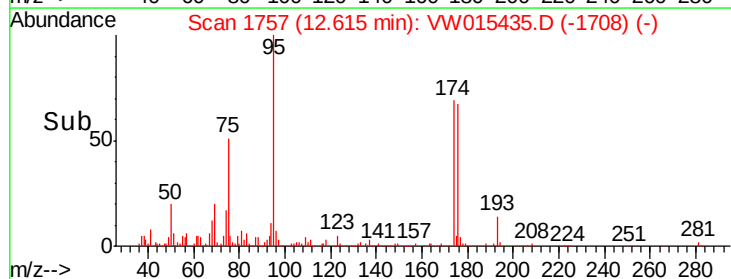
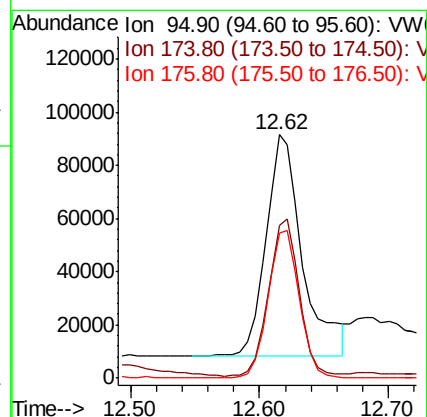
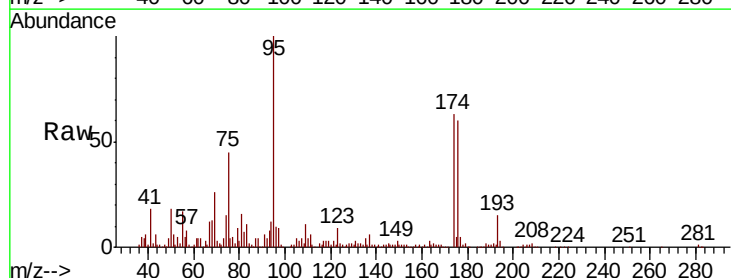
Tgt Ion: 95 Resp: 163853

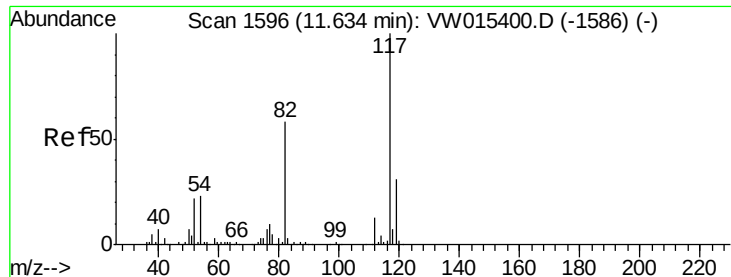
Ion Ratio Lower Upper

95 100

174 58.9 0.0 147.6

176 56.2 0.0 144.4

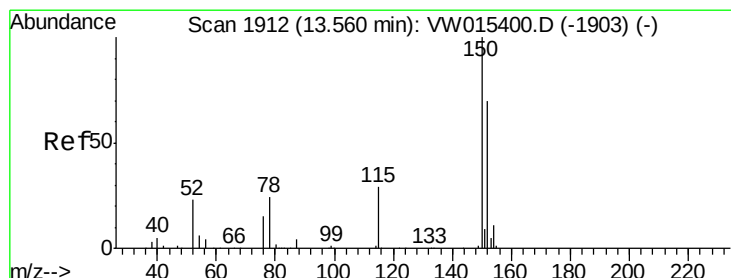
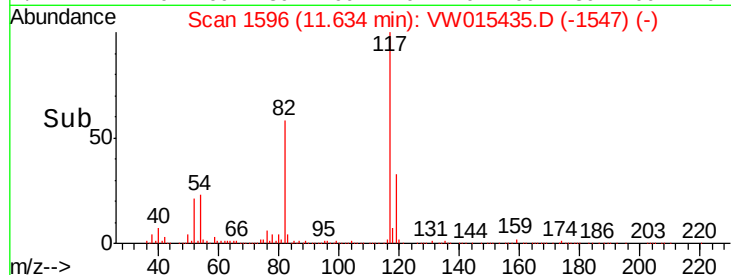
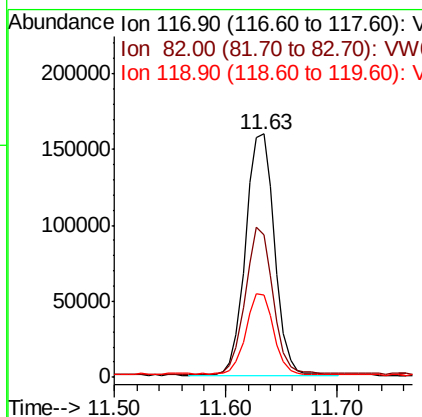
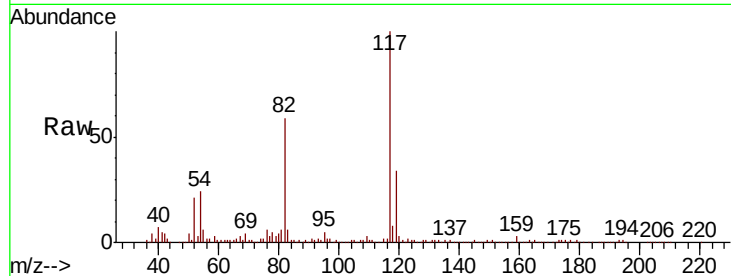




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015435.D
Acq: 15 May 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :
1328

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.4	69.6
119	32.9	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015435.D
Acq: 15 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	30.3	90.8
150	146.7	0.0	344.4

