

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055768.D
 Acq On : 23 May 2019 21:22
 Operator : JC/SP
 Sample : K2977-04 100X
 Misc : 6.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Quant Time: May 24 07:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

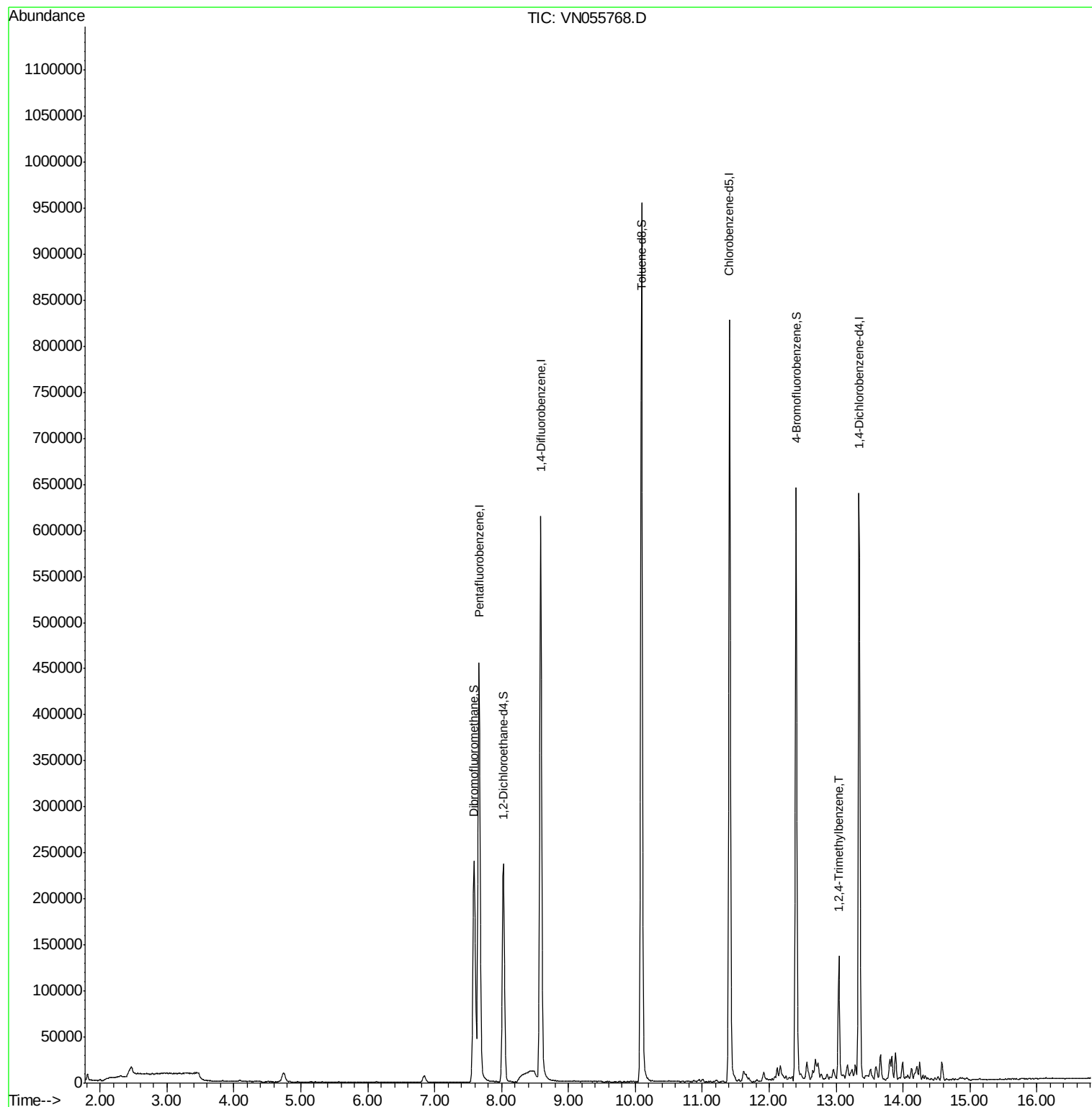
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	449118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	606806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	200856	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
35) Dibromofluoromethane	7.59	113	182854	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	716706	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	222824	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	79661	4.768	ug/l	Qvalue 100

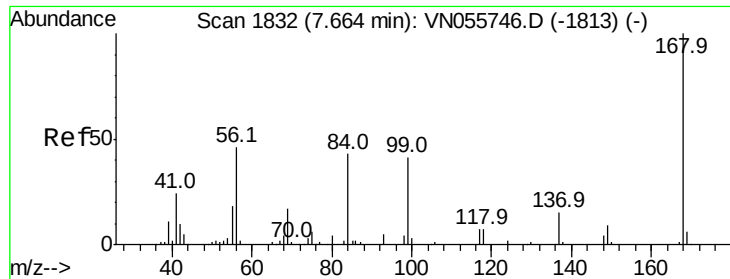
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA_N

ClientSampleId :

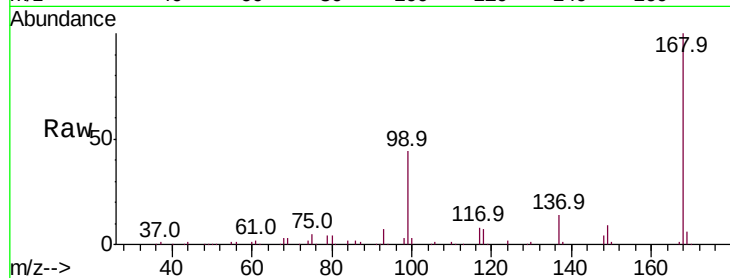
EP1-W-2R(17-20)

Tot Ion:168 Resp: 449118

Ion Ratio Lower Upper

168 100

99 44.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

200000

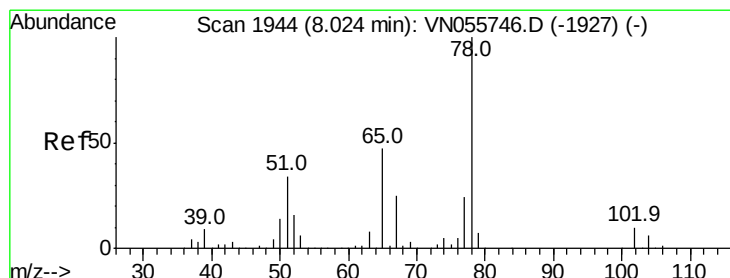
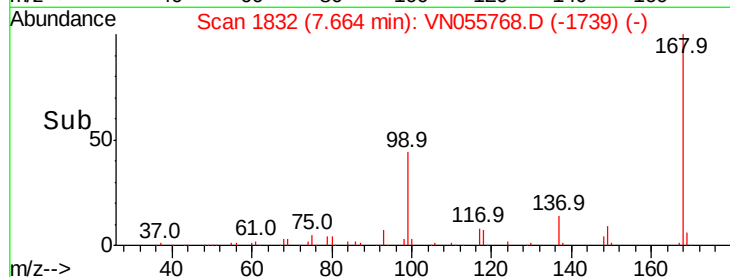
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 43.305 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055768.D

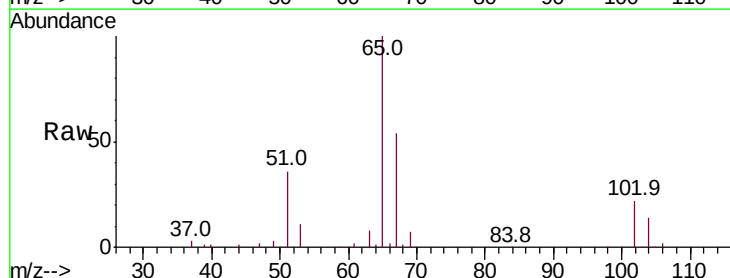
Acq: 23 May 2019 21:22

Tgt Ion: 65 Resp: 200856

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)

8.03

100000

80000

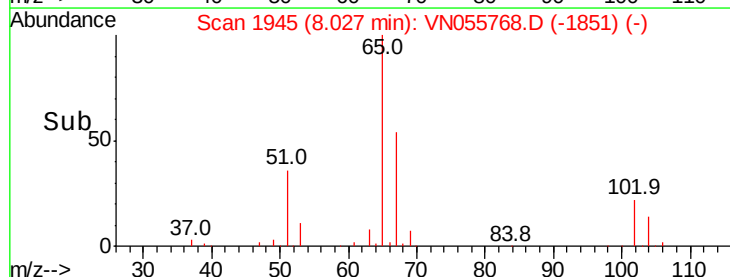
60000

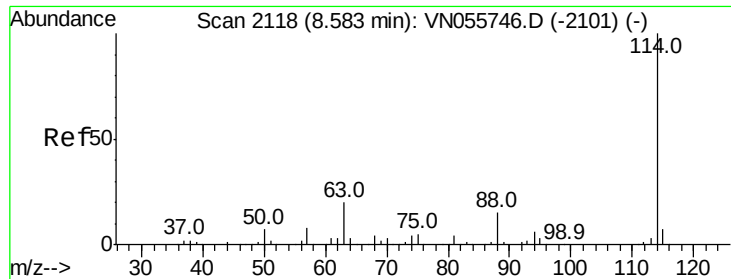
40000

20000

0

Time--> 7.90 8.00 8.10

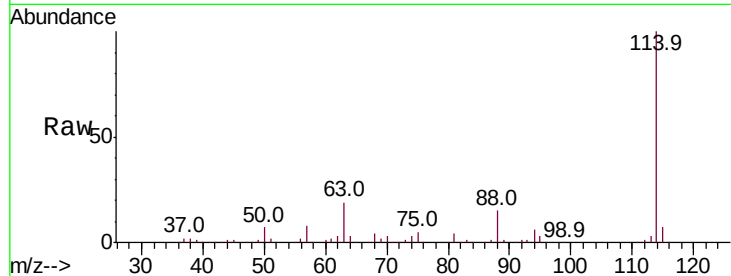




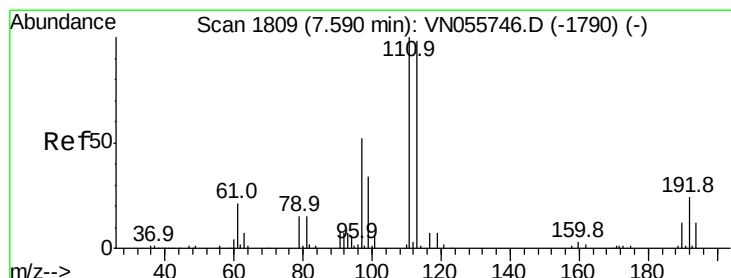
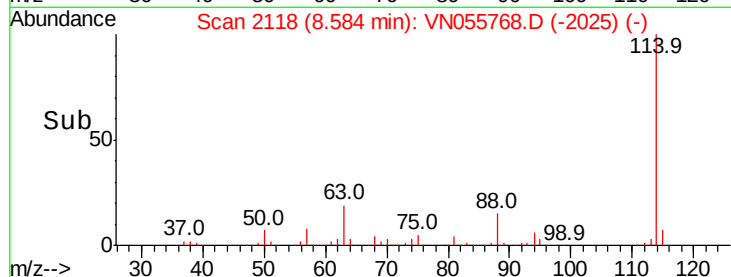
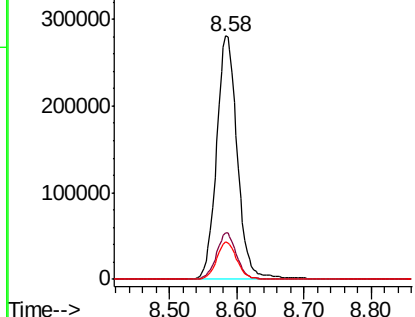
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055768.D
 Acq: 23 May 2019 21:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	15.2	0.0	31.0

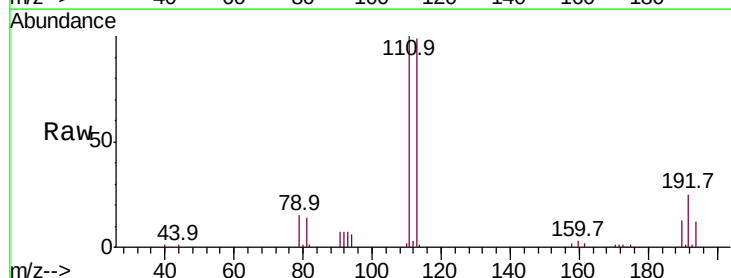


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

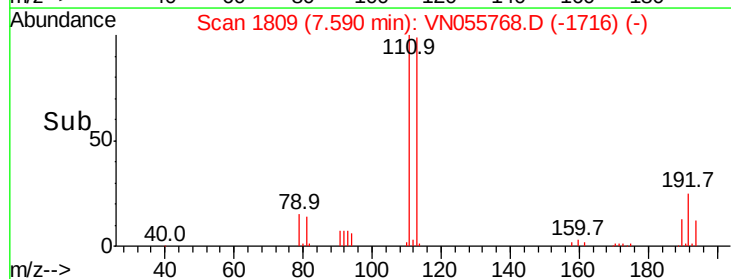
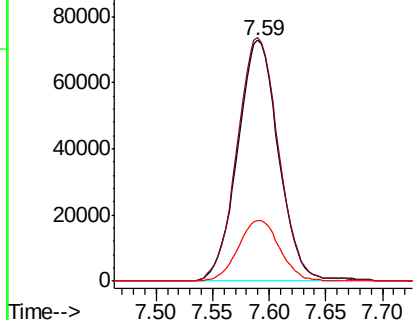


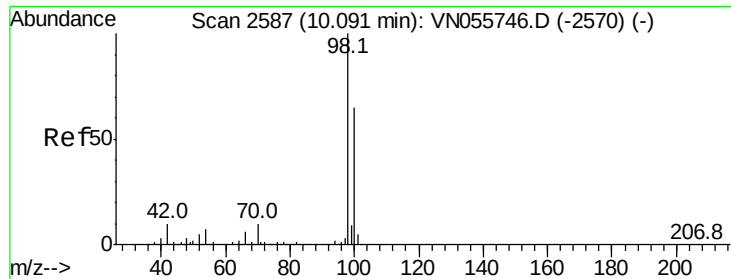
#35
 Dibromofluoromethane
 Concen: 47.662 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055768.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	25.7	19.5	29.3



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: 48.702 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA_N

ClientSampleId :

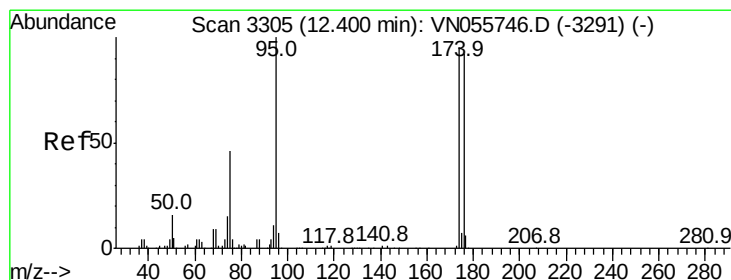
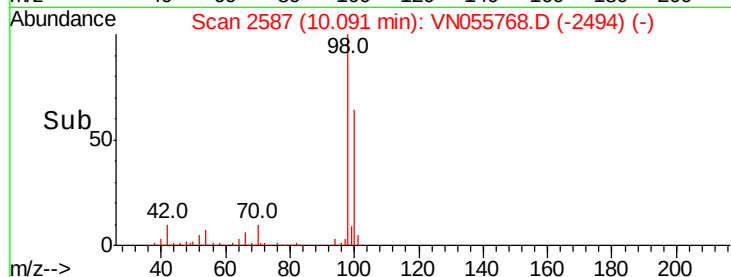
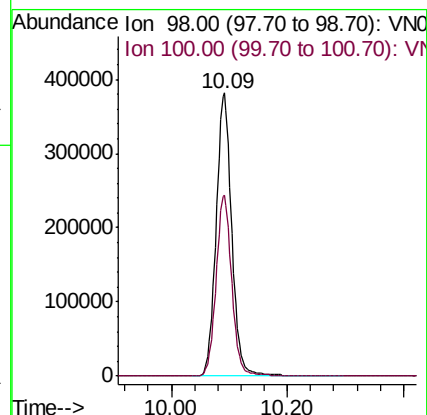
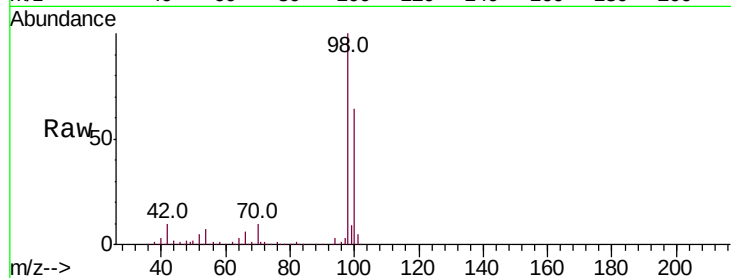
EP1-W-2R(17-20)

Tot Ion: 98 Resp: 716706

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.158 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

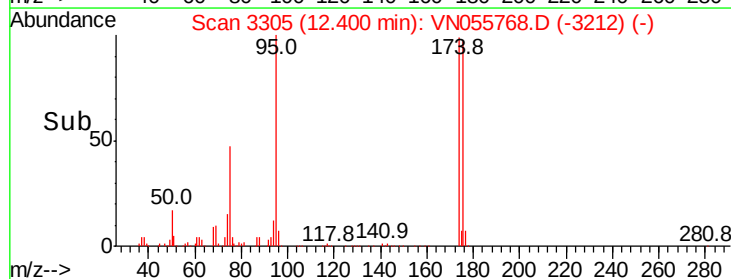
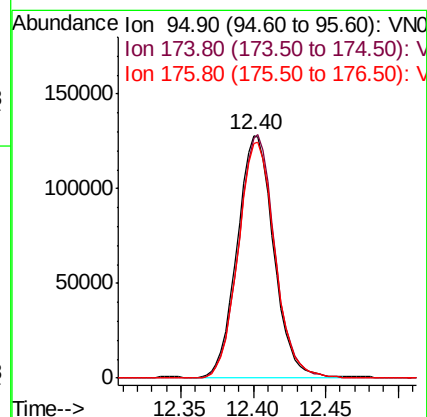
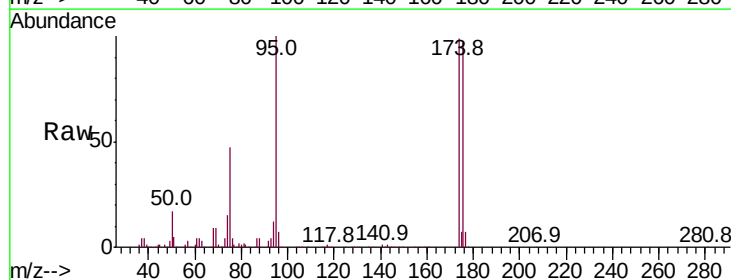
Tgt Ion: 95 Resp: 222824

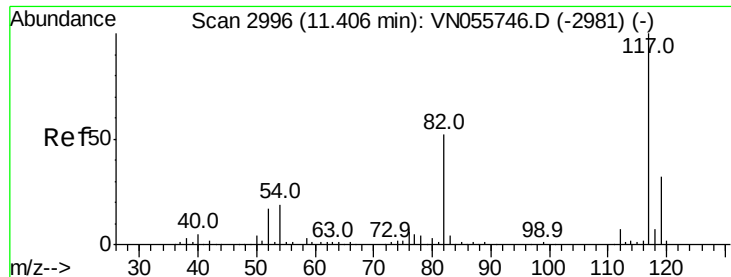
Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.0

176 98.6 0.0 185.2

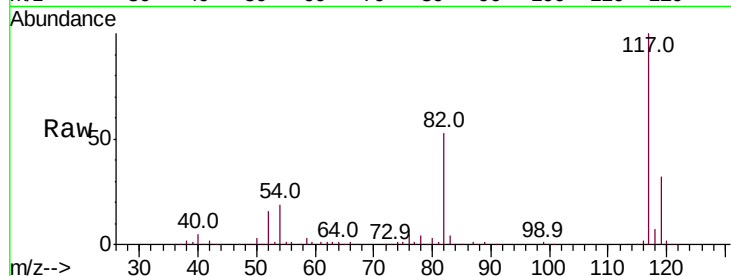




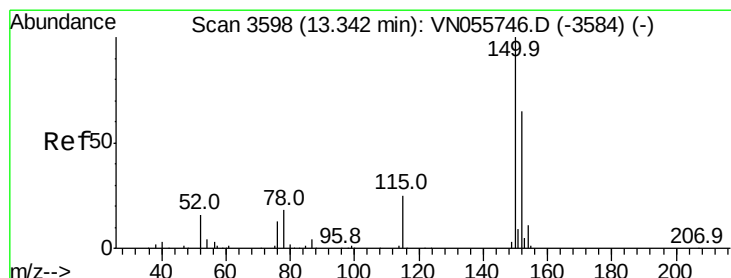
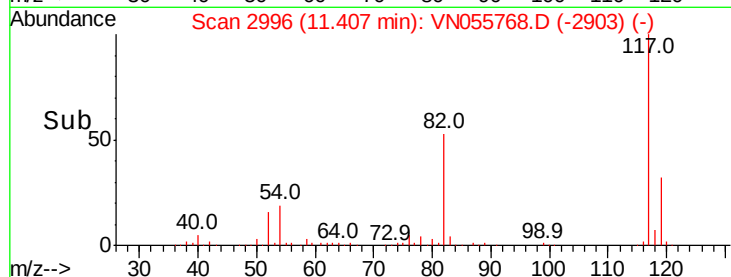
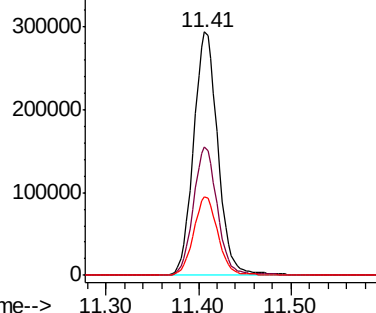
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tot Ion:117 Resp: 533214
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.4 25.4 38.0

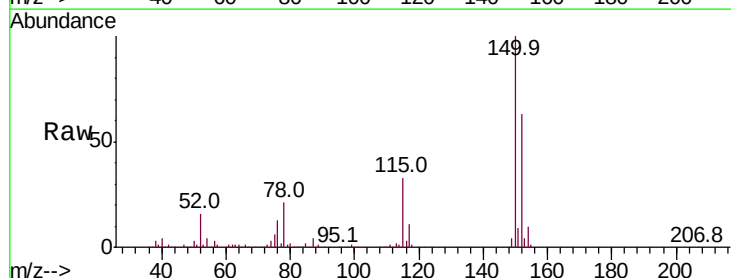


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

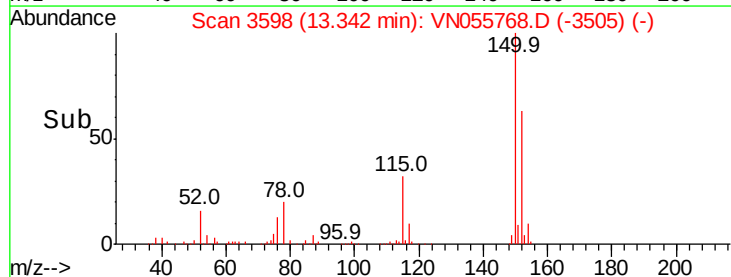
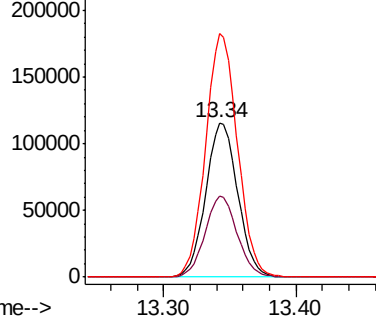


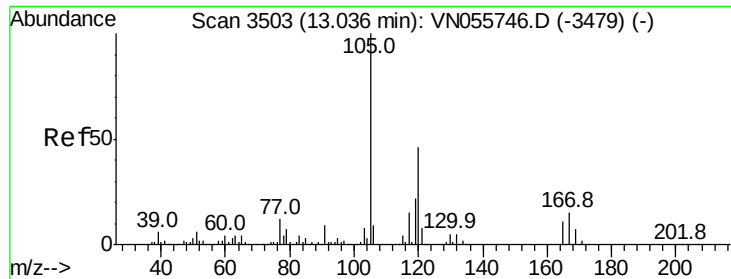
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:152 Resp: 193543
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 157.3 0.0 343.2



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





#84
 1,2,4-Trimethylbenzene
 Concen: 4.768 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055768.D
 Acq: 23 May 2019 21:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Tot Ion:105 Resp: 79661
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0

