

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055789.D
 Acq On : 24 May 2019 12:22
 Operator : JC/SP
 Sample : K2977-05 50X
 Misc : 6.12g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Quant Time: May 24 14:06:44 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

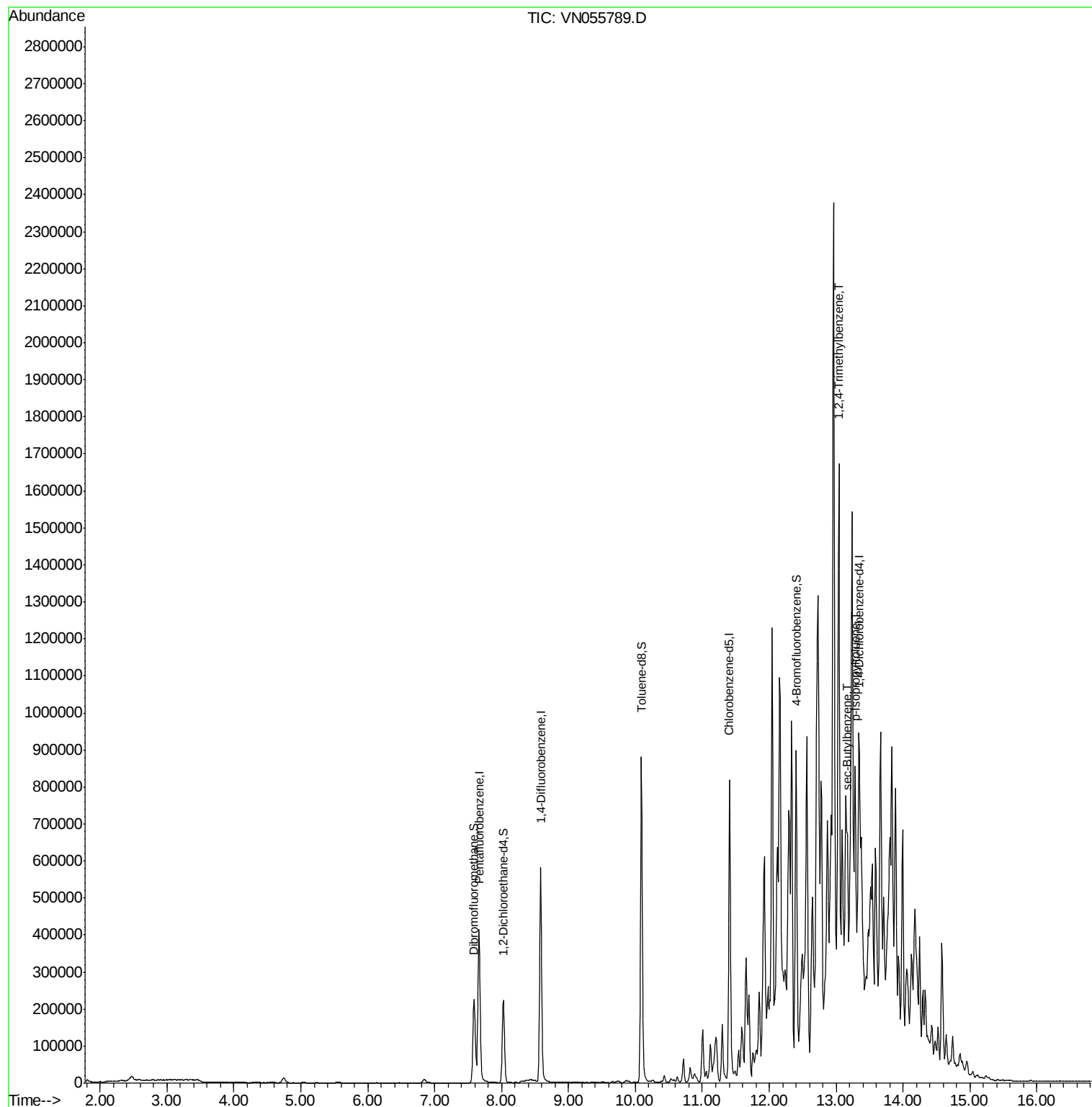
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	405125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	572082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	222798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	189874	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
35) Dibromofluoromethane	7.59	113	174437	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	682694	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	240178	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	747269	56.409	ug/l	99
85) sec-Butylbenzene	13.17	105	120847	5.978	ug/l #	75
86) p-Isopropyltoluene	13.29	119	94691	6.120	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055789.D

Acq: 24 May 2019 12:22

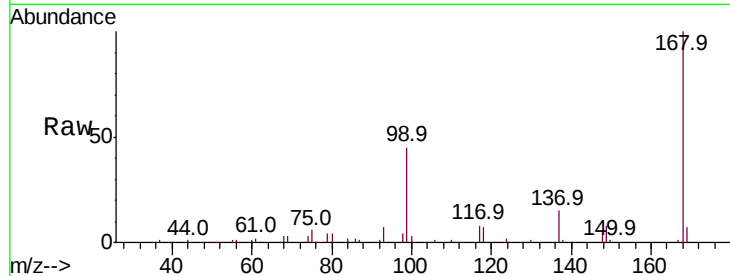
Instrument :
MSVOA_N
ClientSampleId :
EP1-W-5R(14-17)

Tot Ion:168 Resp: 405125

Ion Ratio Lower Upper

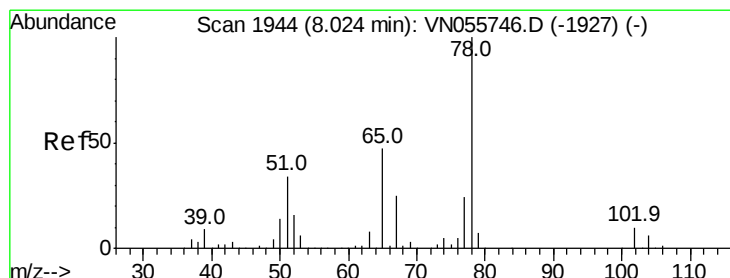
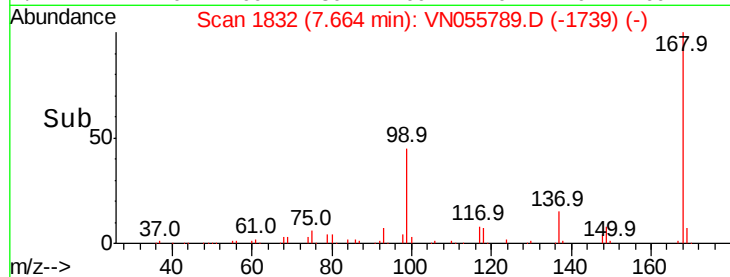
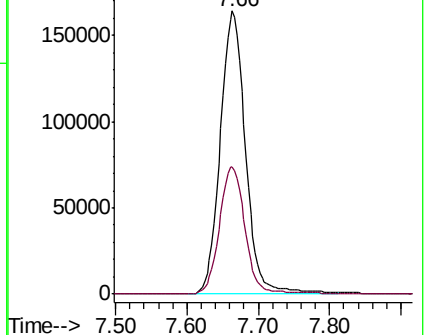
168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.383 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055789.D

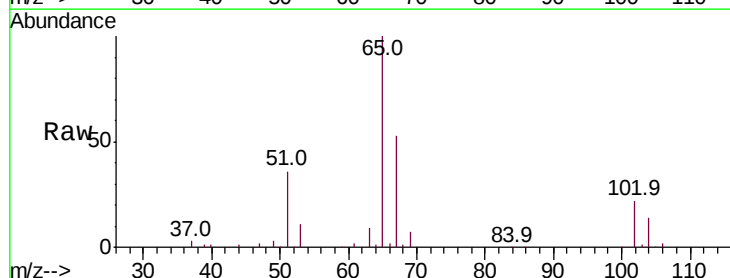
Acq: 24 May 2019 12:22

Tgt Ion: 65 Resp: 189874

Ion Ratio Lower Upper

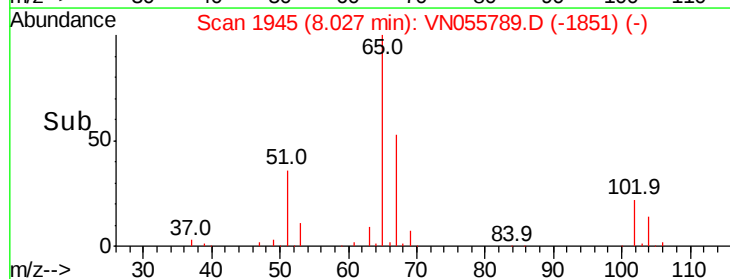
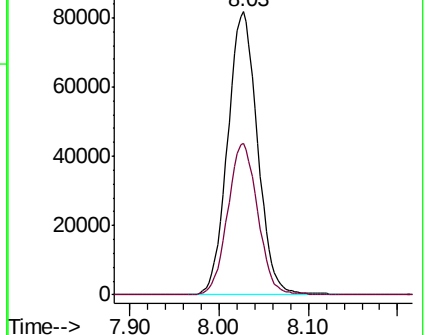
65 100

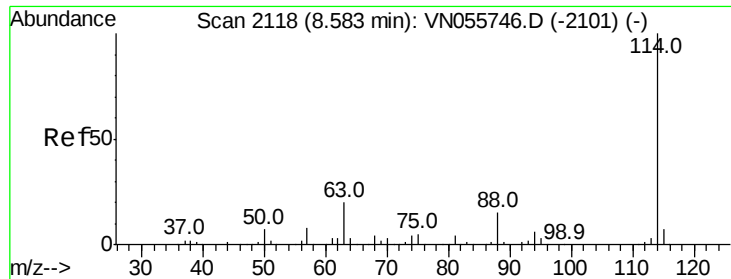
67 53.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



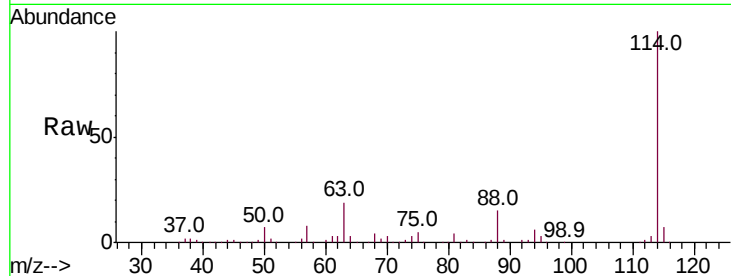


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055789.D
 Acq: 24 May 2019 12:22

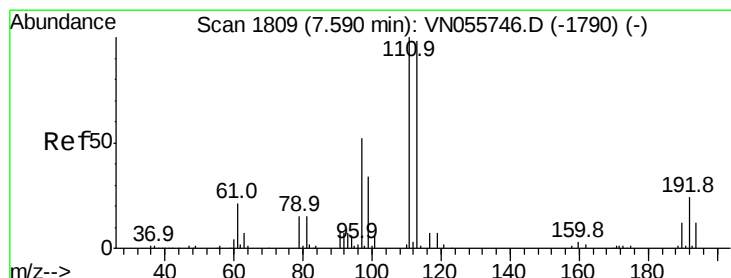
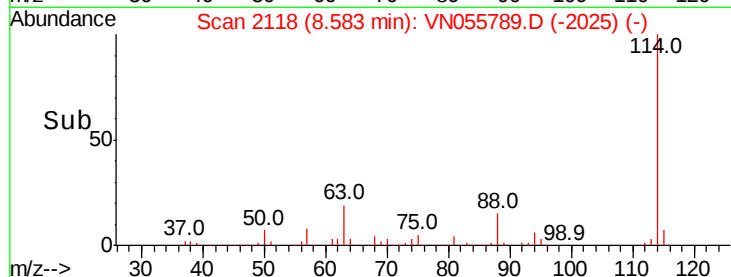
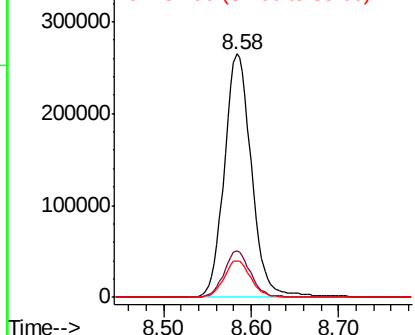
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Tot Ion:114 Resp: 572082

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.2
88	15.1	0.0	31.0



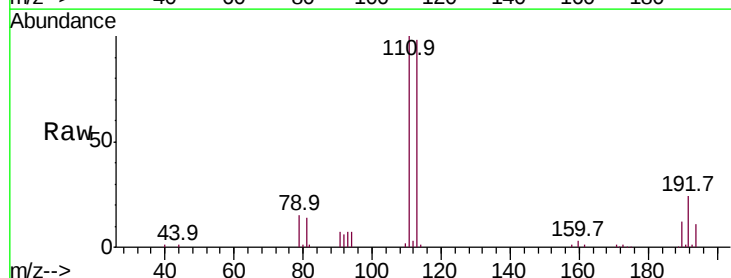
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



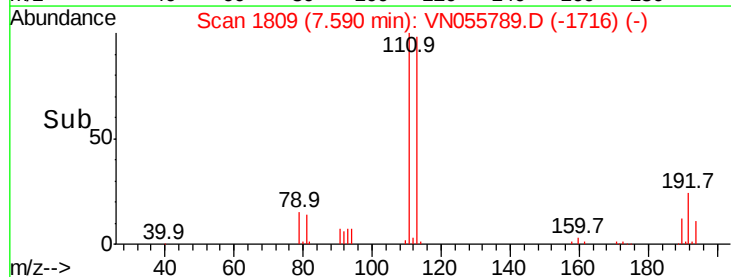
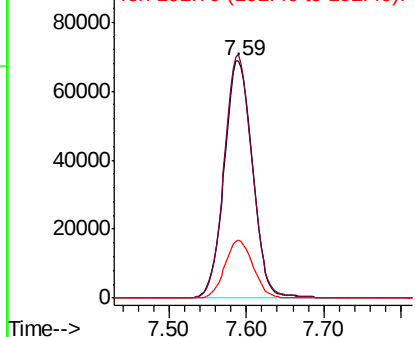
#35
 Dibromofluoromethane
 Concen: 48.228 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055789.D
 Acq: 24 May 2019 12:22

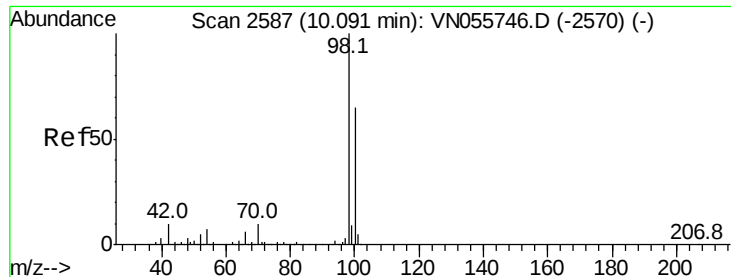
Tgt Ion:113 Resp: 174437

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	24.2	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: 49.207 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055789.D

Acq: 24 May 2019 12:22

Instrument :

MSVOA_N

ClientSampleId :

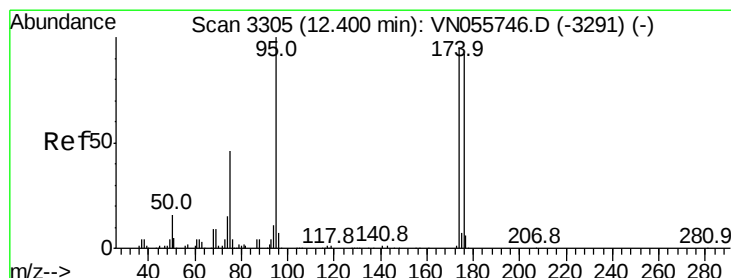
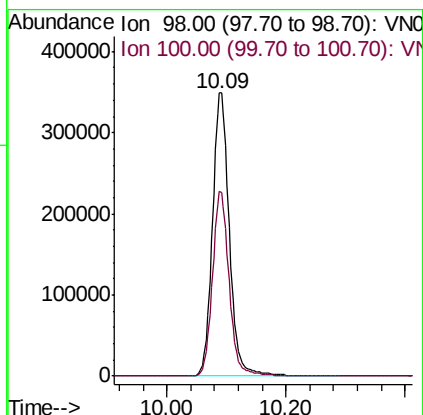
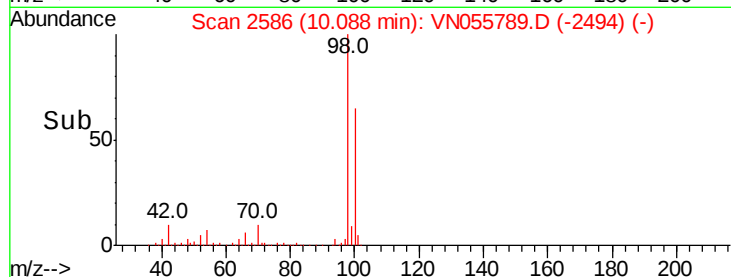
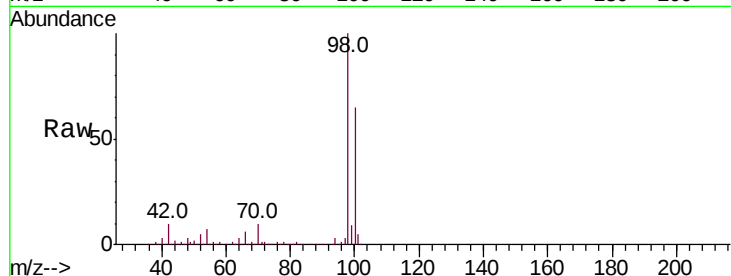
EP1-W-5R(14-17)

Tot Ion: 98 Resp: 682694

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.487 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055789.D

Acq: 24 May 2019 12:22

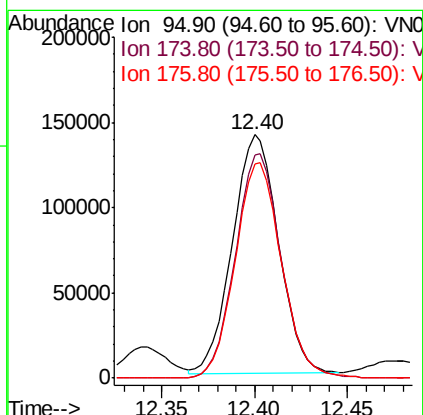
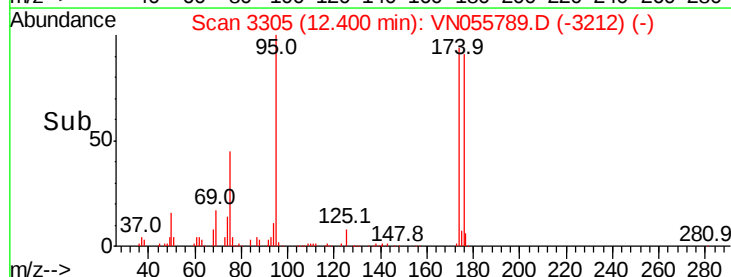
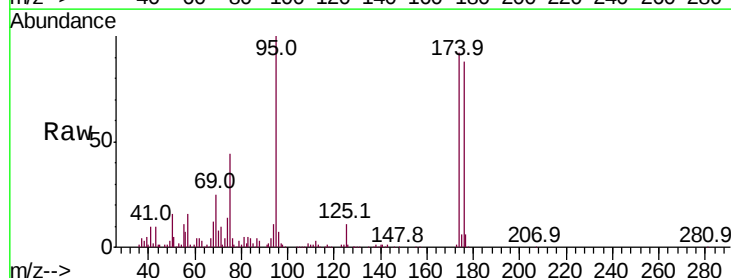
Tgt Ion: 95 Resp: 240178

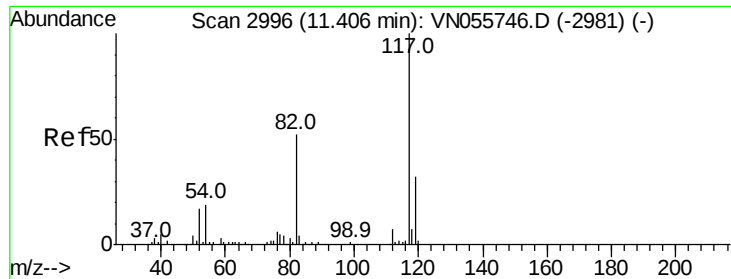
Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.0

176 91.6 0.0 185.2

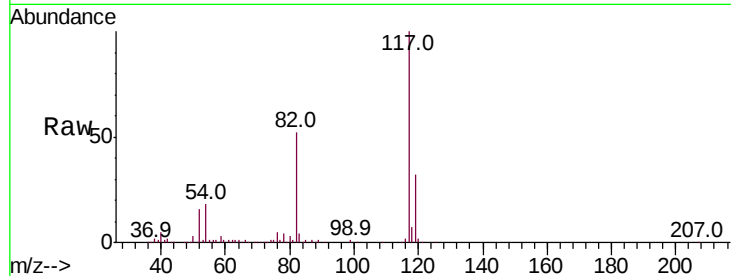




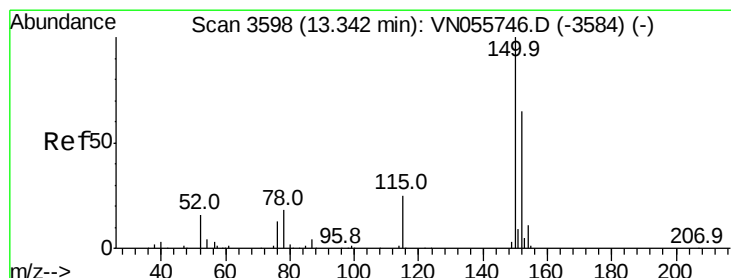
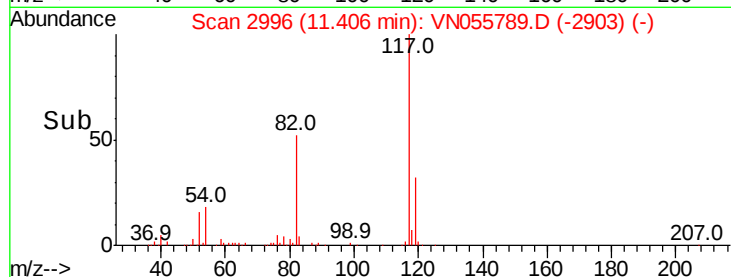
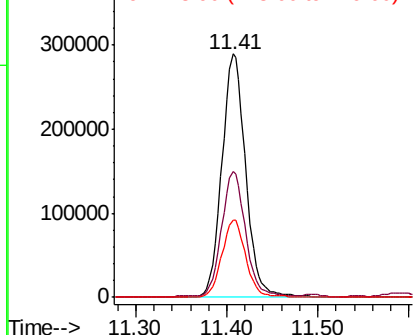
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055789.D
Acq: 24 May 2019 12:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-5R(14-17)

Tot Ion:117 Resp: 526579
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.0 25.4 38.0

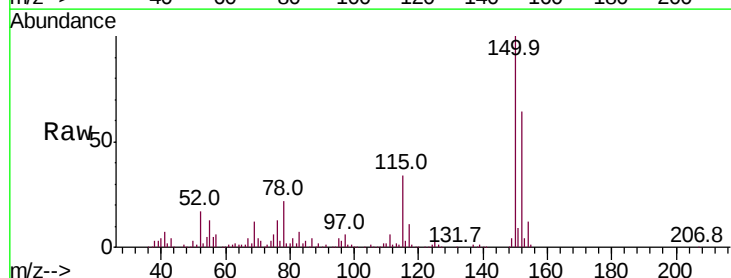


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

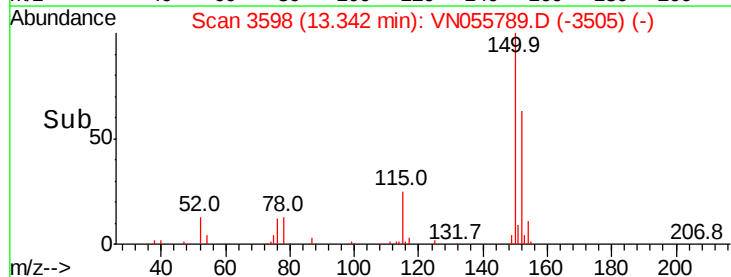
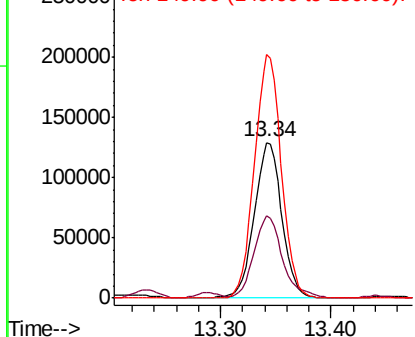


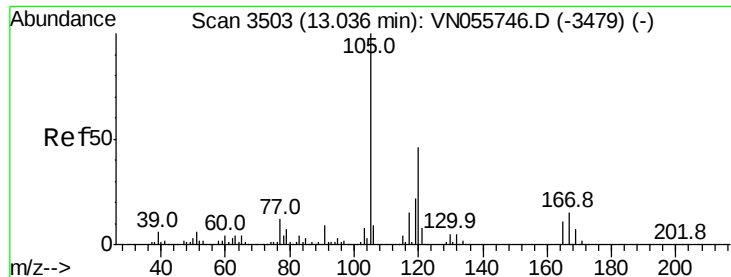
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055789.D
Acq: 24 May 2019 12:22

Tgt Ion:152 Resp: 222798
Ion Ratio Lower Upper
152 100
115 54.8 27.0 81.0
150 153.1 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

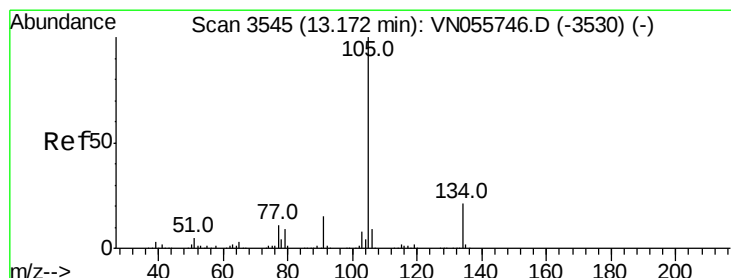
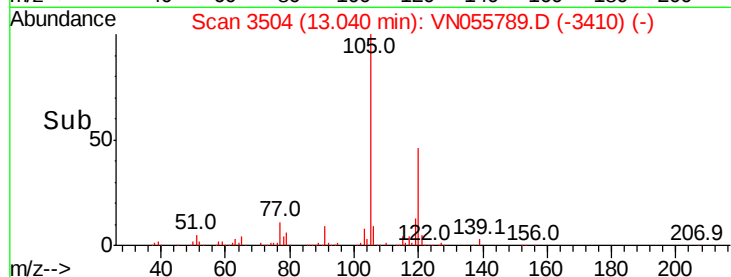
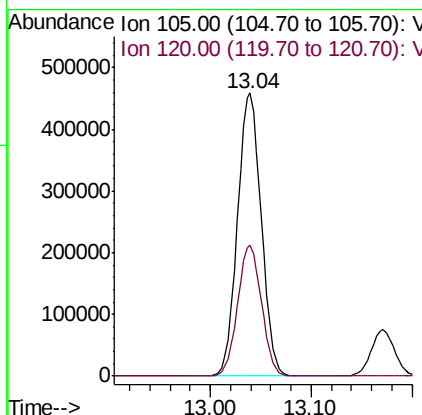
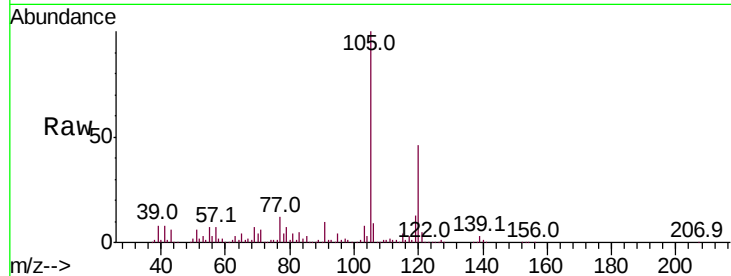




#84
 1,2,4-Trimethylbenzene
 Concen: 56.409 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055789.D
 Acq: 24 May 2019 12:22

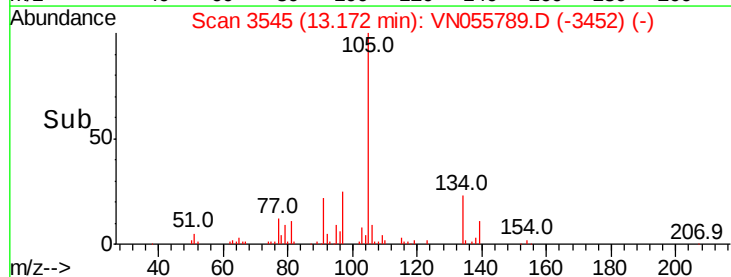
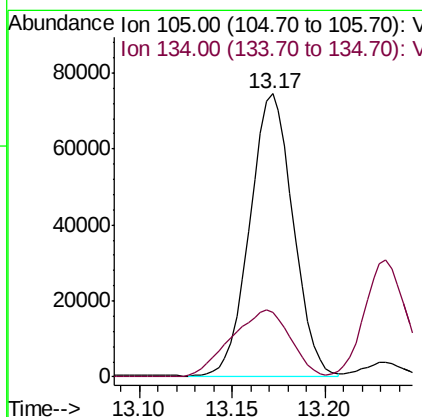
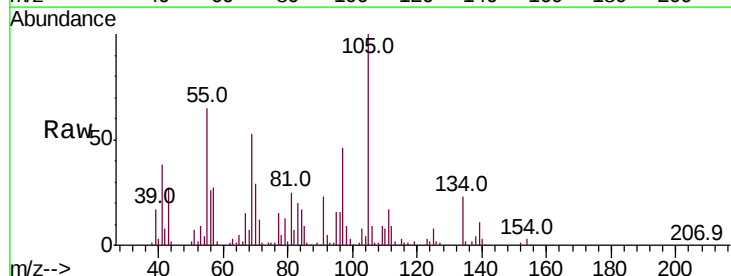
Instrument :
 MSVOA_N
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 EP1-W-5R(14-17)

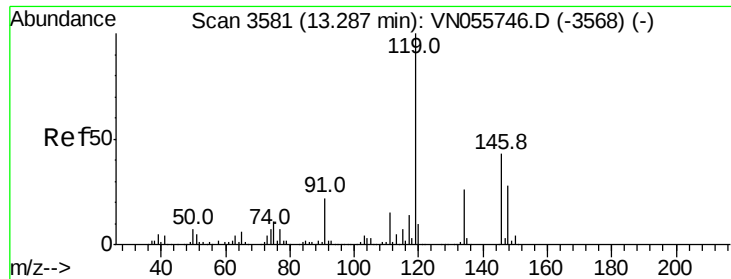
Tot Ion:105 Resp: 747269
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 5.978 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055789.D
 Acq: 24 May 2019 12:22

Tgt Ion:105 Resp: 120847
 Ion Ratio Lower Upper
 105 100
 134 32.4 10.4 31.2#





#86
 p-Isopropyltoluene
 Concen: 6.120 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055789.D
 Acq: 24 May 2019 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	21.8	10.9	32.9

