

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055795.D
 Acq On : 24 May 2019 14:52
 Operator : JC/SP
 Sample : PB120021TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120021TB

Quant Time: May 25 04:53:35 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

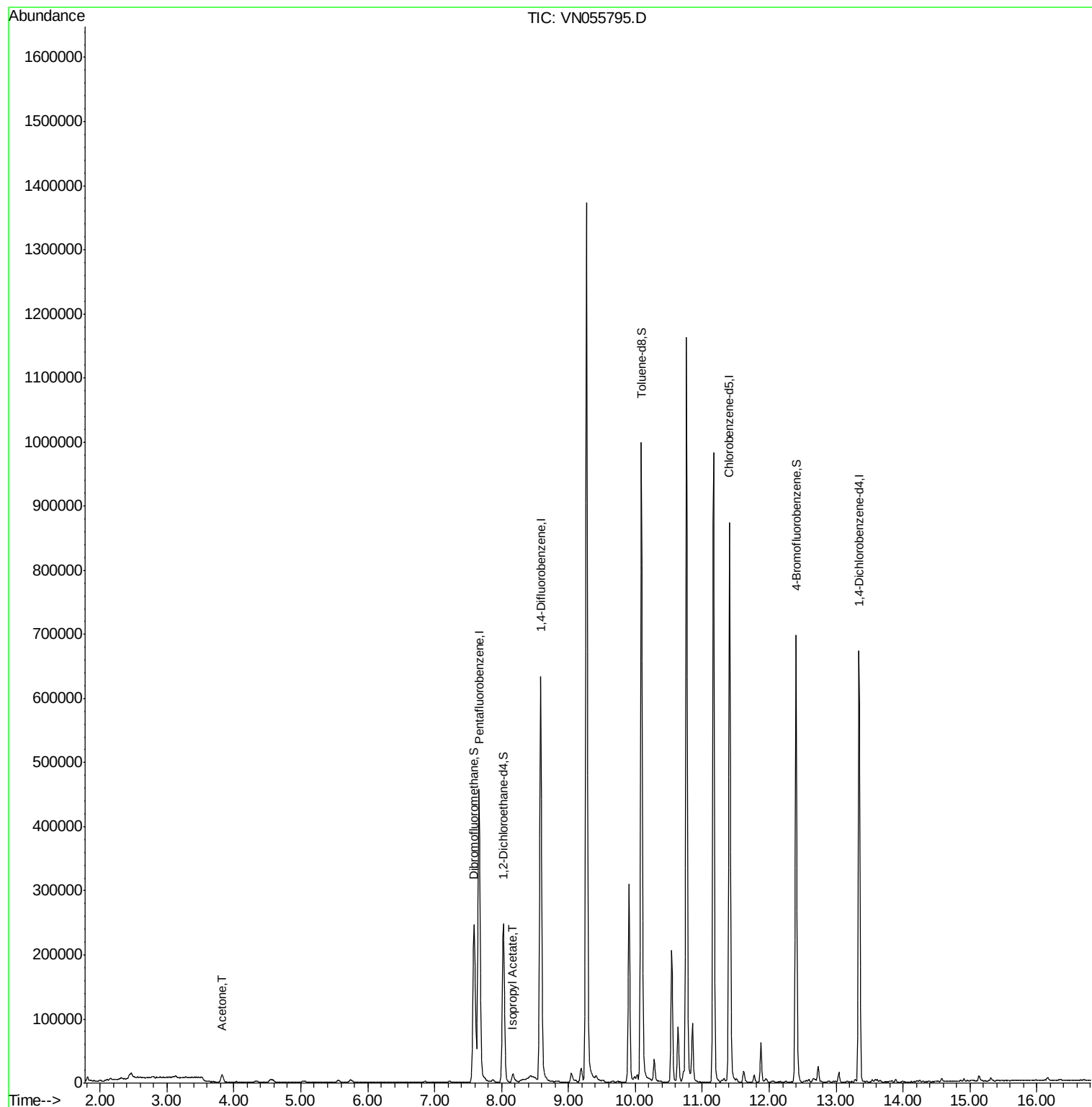
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	446650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	631266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	207482	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
35) Dibromofluoromethane	7.59	113	191670	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	747354	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	243420	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
16) Acetone	3.82	43	21129	10.421	ug/l	98
43) Isopropyl Acetate	8.17	43	16491	1.846	ug/l #	86

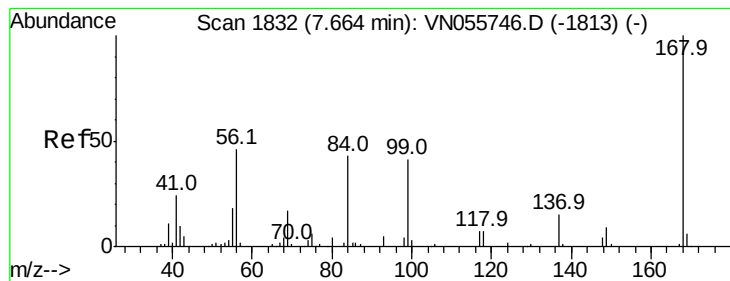
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055795.D

Acq: 24 May 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

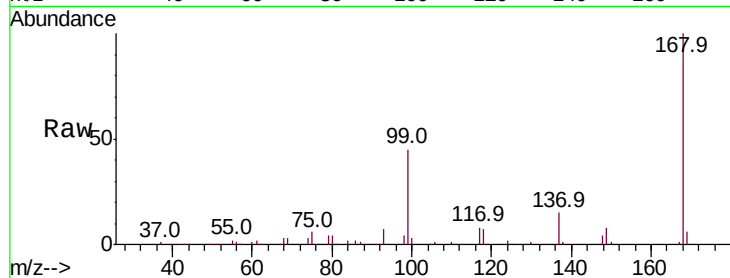
PB120021TB

Tot Ion:168 Resp: 446650

Ion Ratio Lower Upper

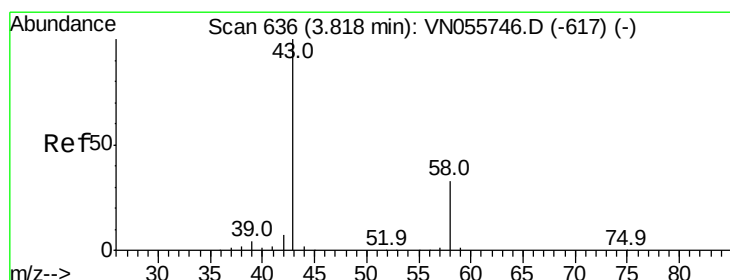
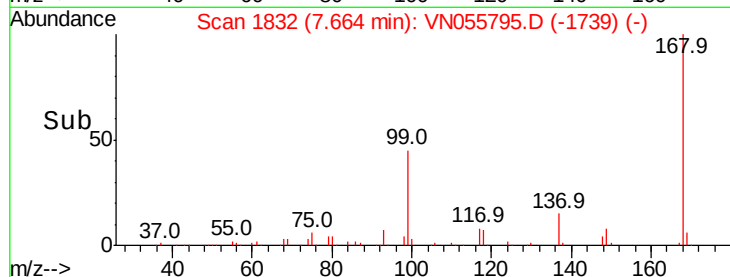
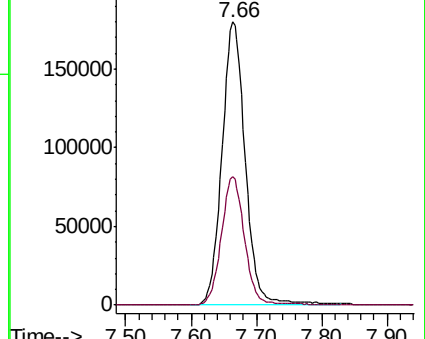
168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.421 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055795.D

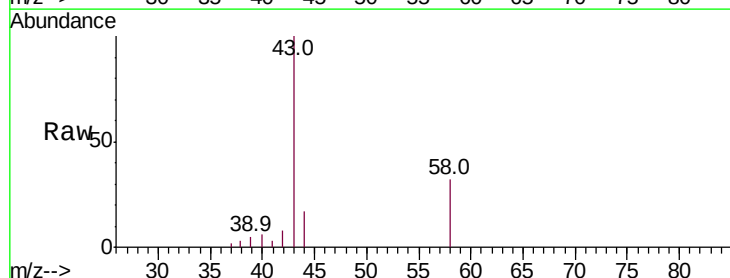
Acq: 24 May 2019 14:52

Tgt Ion: 43 Resp: 21129

Ion Ratio Lower Upper

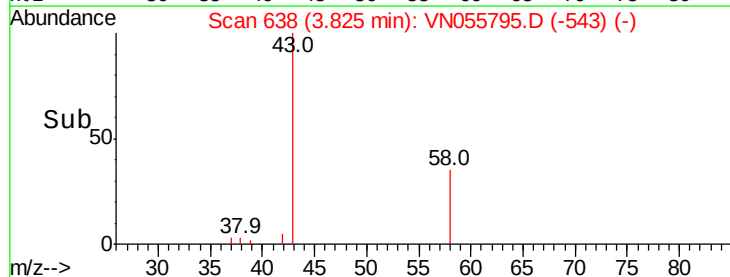
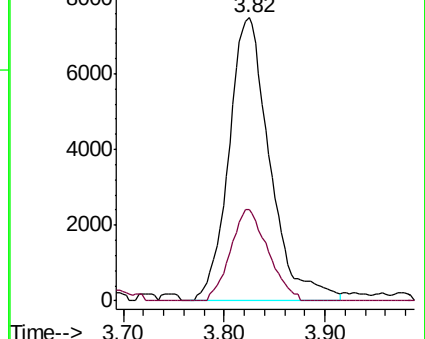
43 100

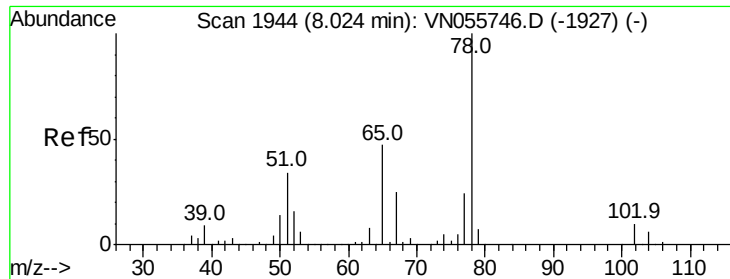
58 32.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

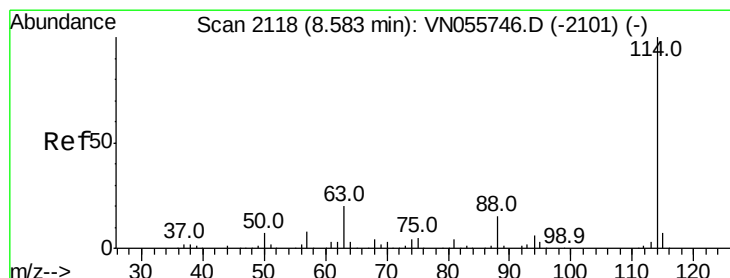
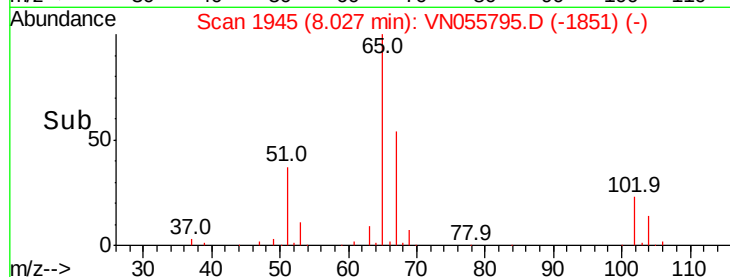
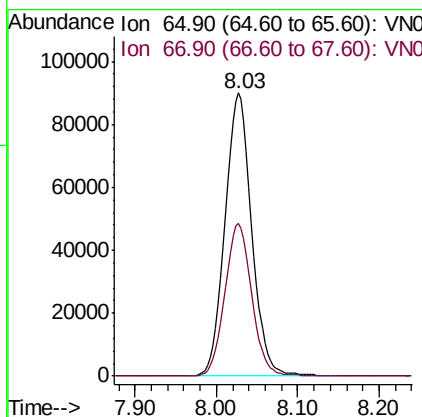
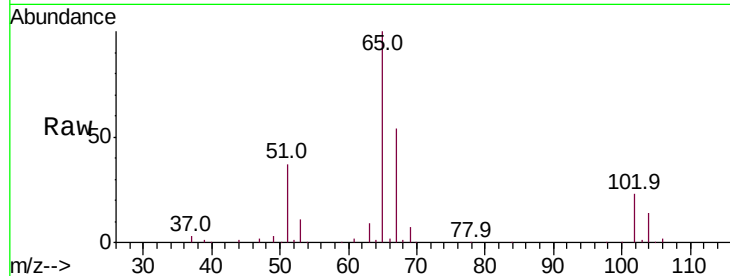




#33
 1,2-Dichloroethane-d4
 Concen: 44.981 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055795.D
 Acq: 24 May 2019 14:52

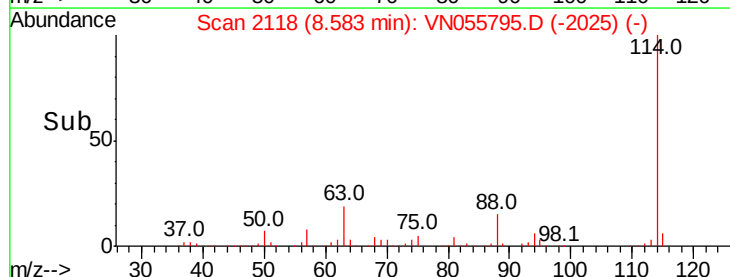
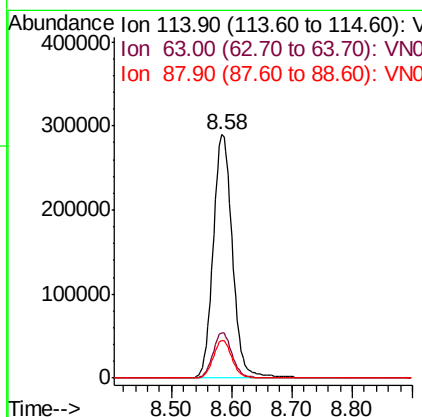
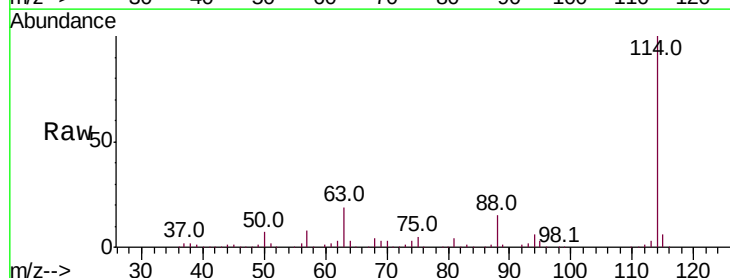
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120021TB

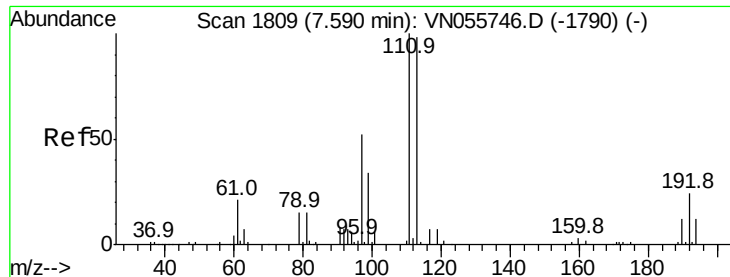
Tot Ion: 65 Resp: 207482
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055795.D
 Acq: 24 May 2019 14:52

Tgt Ion: 114 Resp: 631266
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.4 0.0 31.0

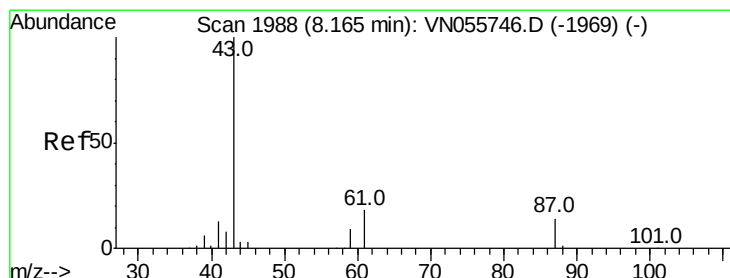
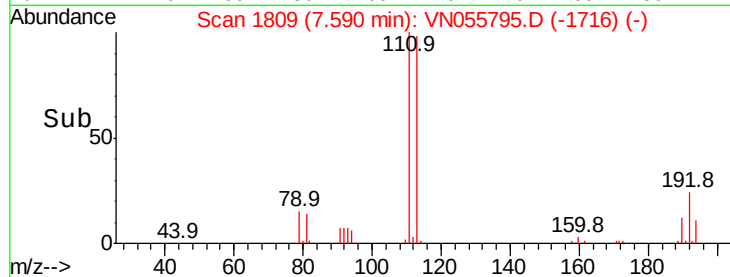
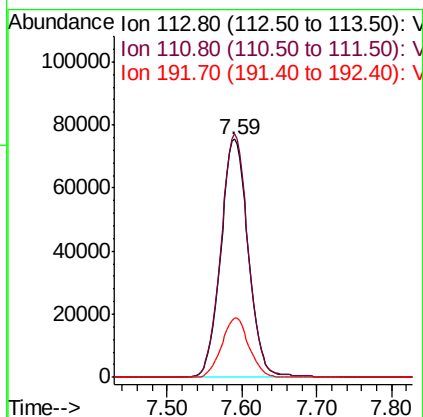
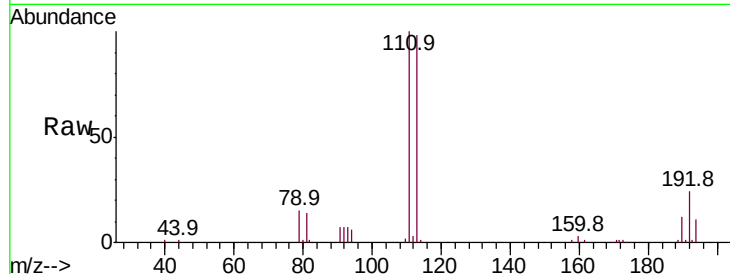




#35
 Dibromofluoromethane
 Concen: 48.025 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055795.D
 Acq: 24 May 2019 14:52

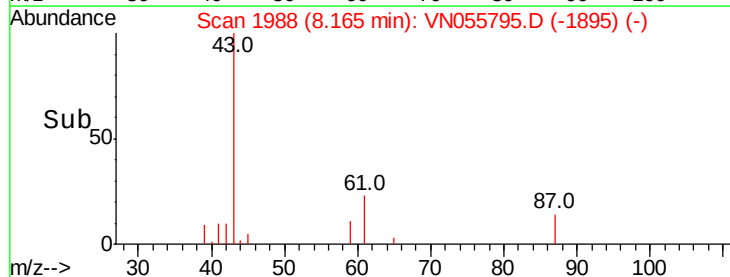
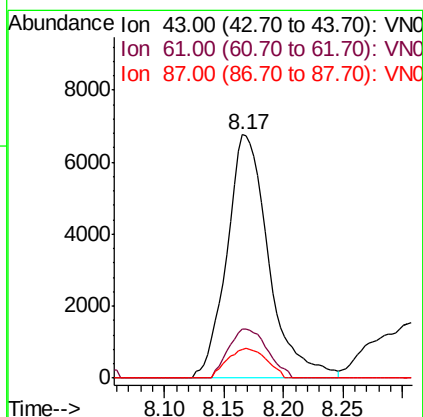
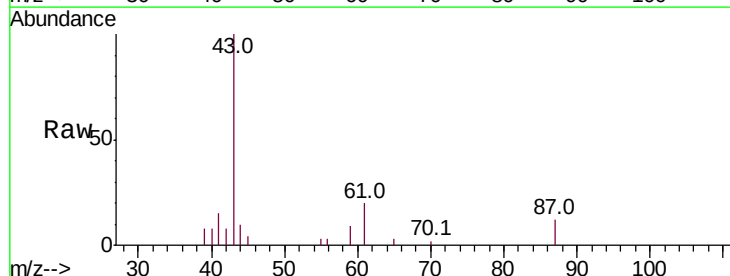
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120021TB

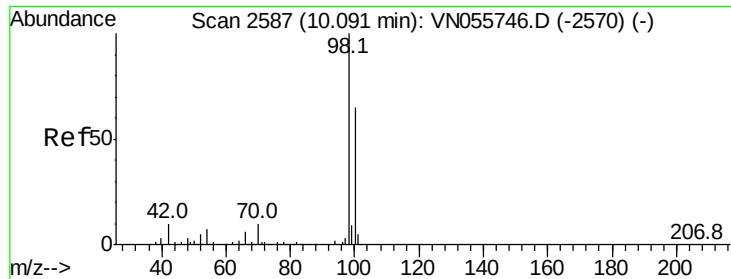
Tot Ion:113 Resp: 191670
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 24.6 19.5 29.3



#43
 Isopropyl Acetate
 Concen: 1.846 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN055795.D
 Acq: 24 May 2019 14:52

Tgt Ion: 43 Resp: 16491
 Ion Ratio Lower Upper
 43 100
 61 18.8 22.2 33.4#
 87 11.4 11.4 17.2#





#50

Toluene-d8

Concen: 48.817 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055795.D

Acq: 24 May 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

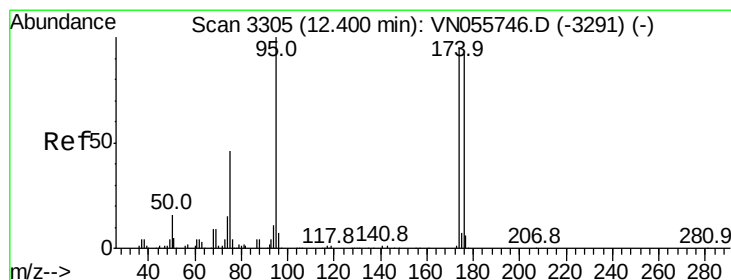
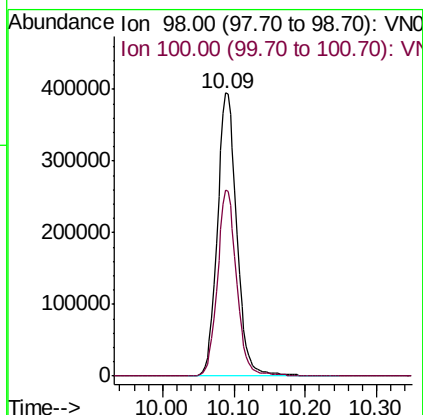
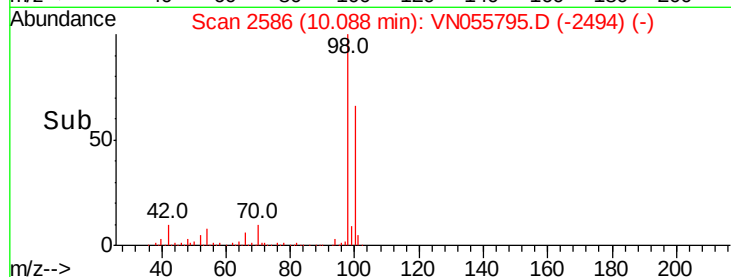
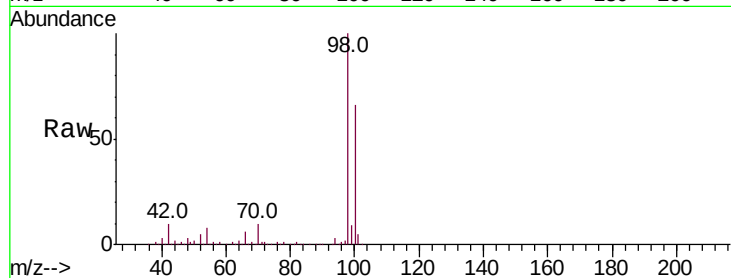
PB120021TB

Tot Ion: 98 Resp: 747354

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.371 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055795.D

Acq: 24 May 2019 14:52

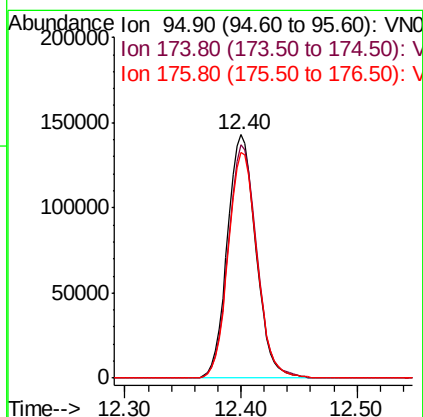
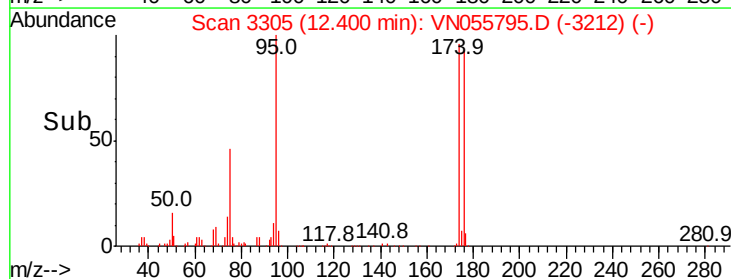
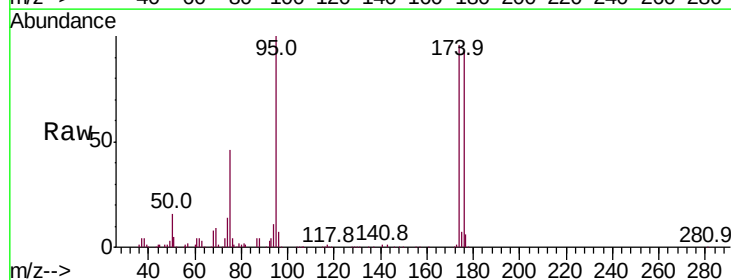
Tgt Ion: 95 Resp: 243420

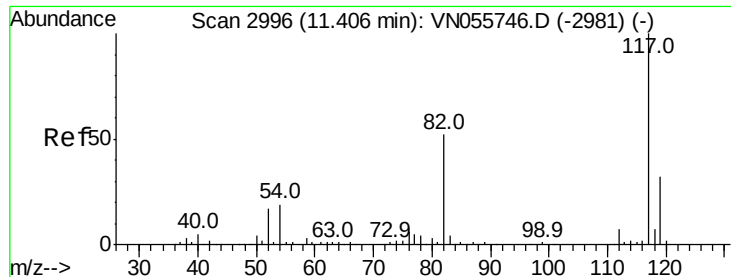
Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

176 93.6 0.0 185.2

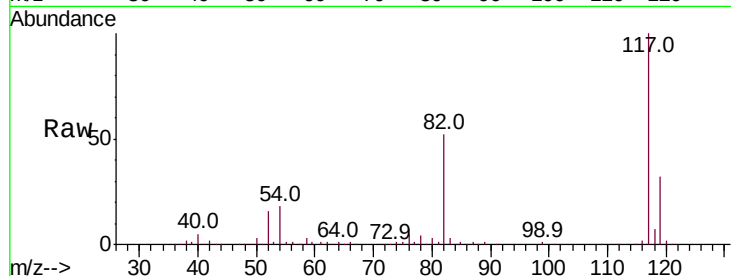




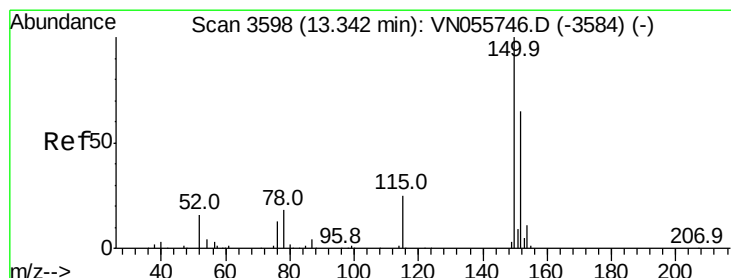
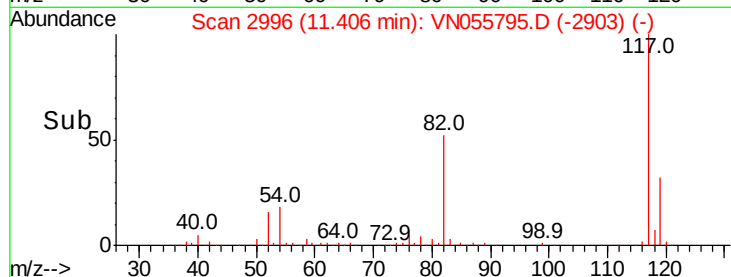
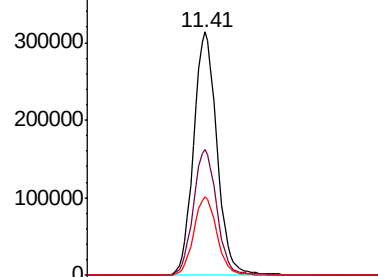
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055795.D
Acq: 24 May 2019 14:52

Instrument :
MSVOA_N
ClientSampled :
PB120021TB

Tot Ion:117 Resp: 569454
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.2 25.4 38.0

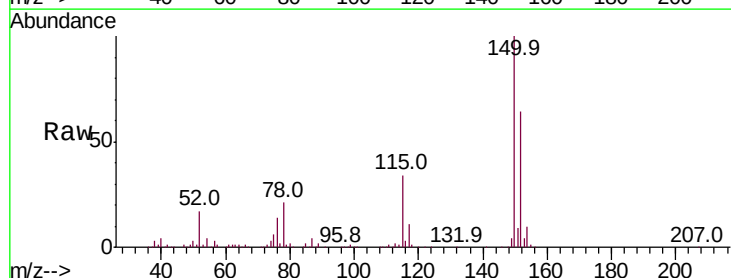


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055795.D
Acq: 24 May 2019 14:52

Tgt Ion:152 Resp: 207295
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 155.7 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

