

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055803.D
 Acq On : 24 May 2019 18:13
 Operator : JC/SP
 Sample : K2643-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-052319-A

Quant Time: May 25 05:12:01 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

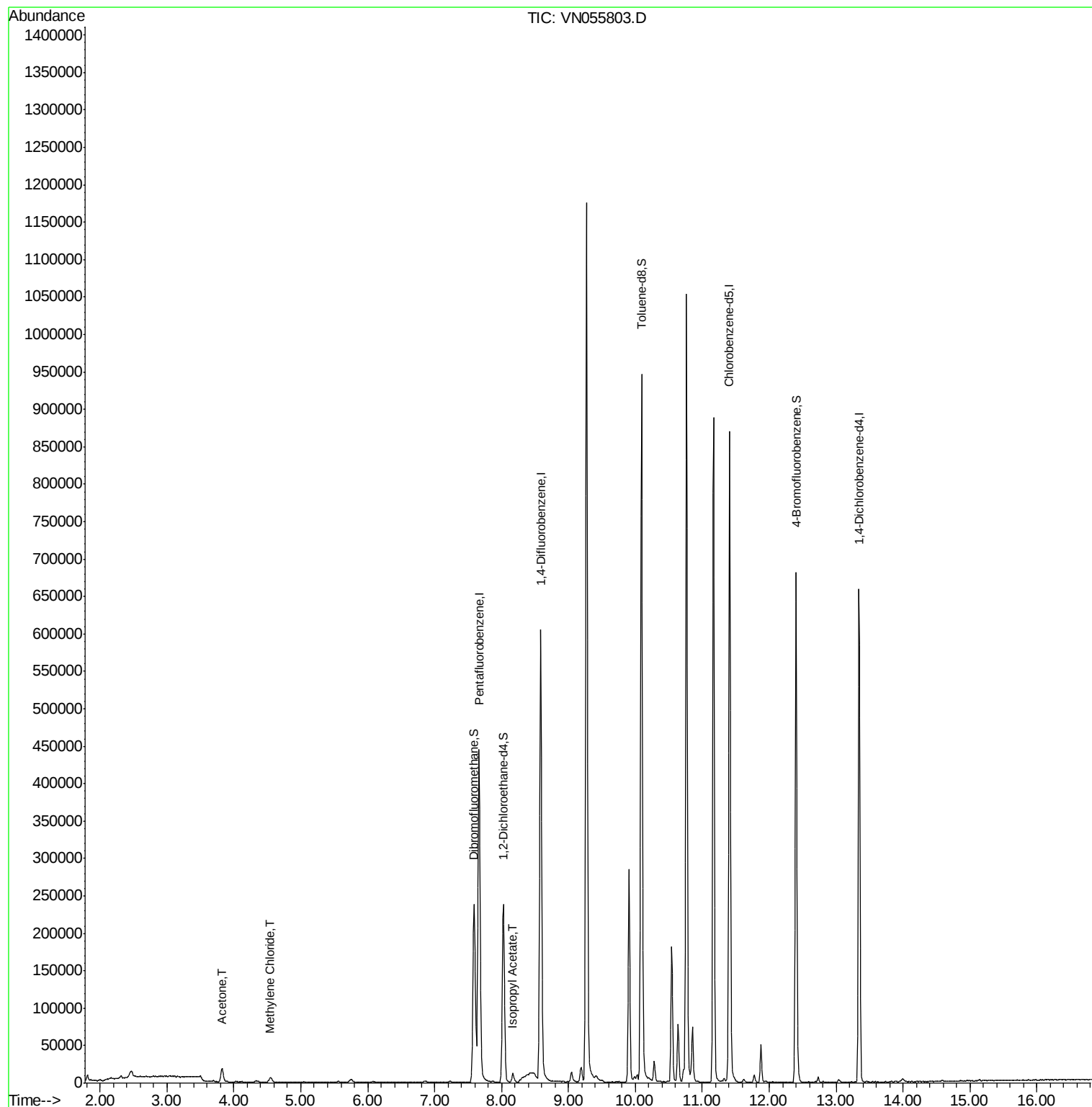
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	428856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	602097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	200109	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
35) Dibromofluoromethane	7.59	113	181877	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	10.09	98	722302	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	239084	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
16) Acetone	3.82	43	31379	16.118	ug/l	Qvalue 100
20) Methylene Chloride	4.54	84	4939	1.171	ug/l	88
43) Isopropyl Acetate	8.17	43	14574	1.710	ug/l #	87

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

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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: VN055803.D

Acq: 24 May 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

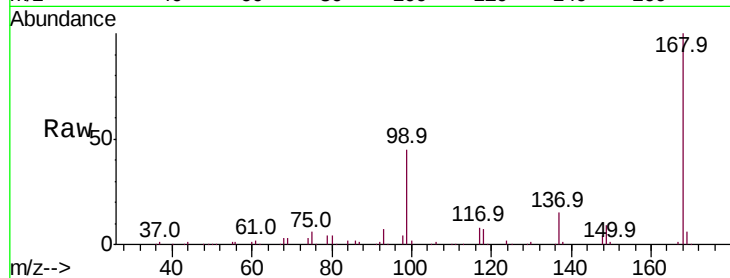
OR-03-052319-A

Tot Ion:168 Resp: 428856

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

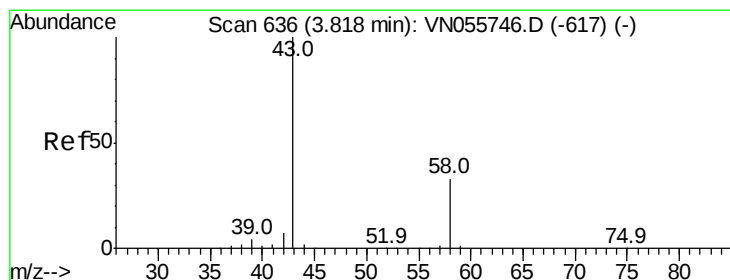
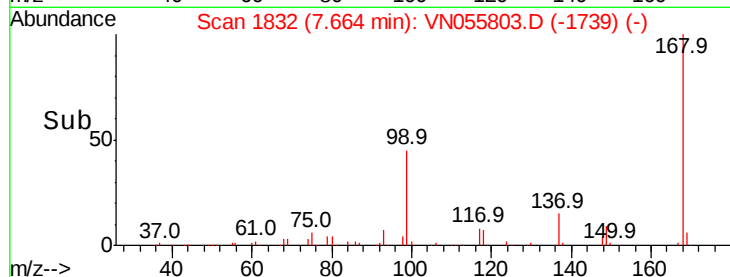
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 16.118 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055803.D

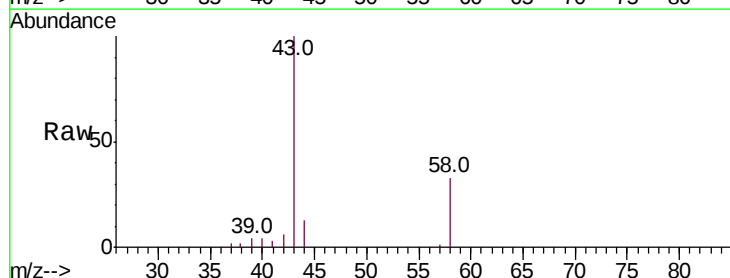
Acq: 24 May 2019 18:13

Tgt Ion: 43 Resp: 31379

Ion Ratio Lower Upper

43 100

58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

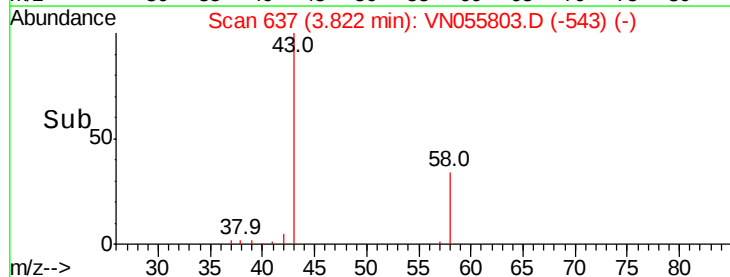
3.82

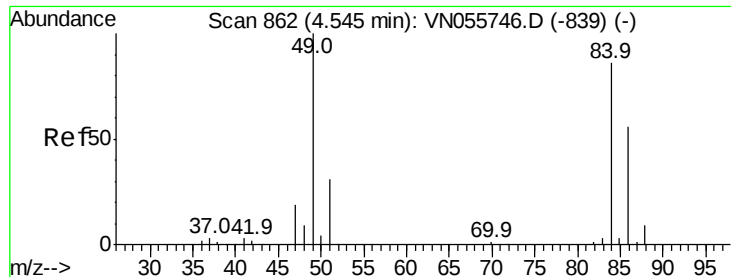
10000

5000

0

Time--> 3.70 3.75 3.80 3.85 3.90

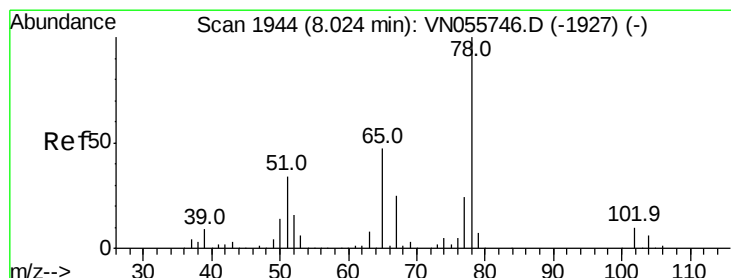
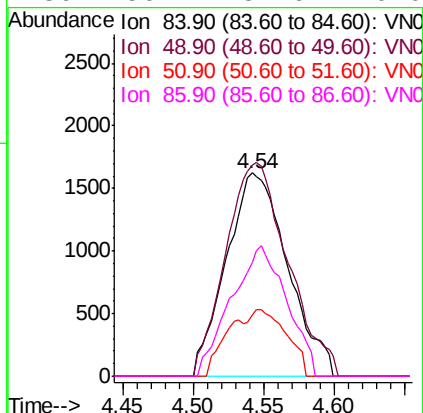
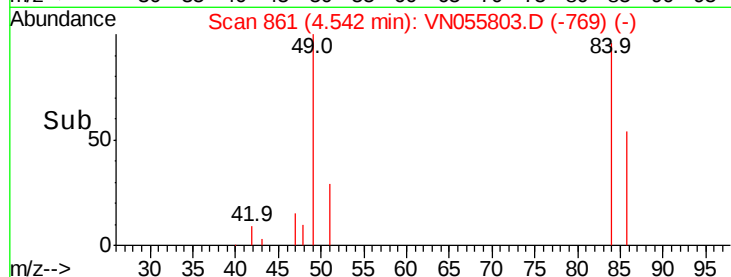
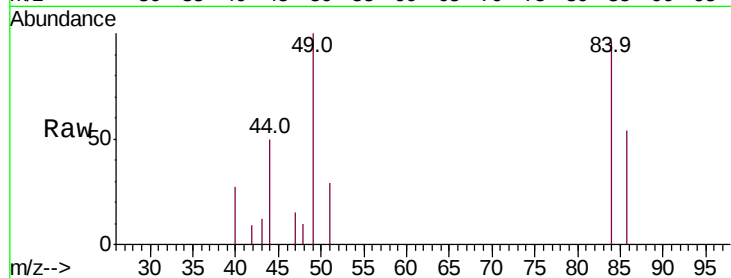




#20
Methvlene Chloride
Concen: 1.171 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055803.D
Acq: 24 May 2019 18:13

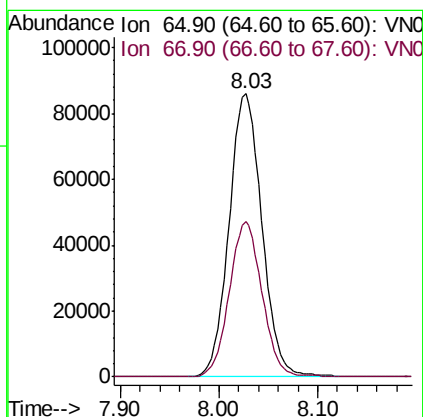
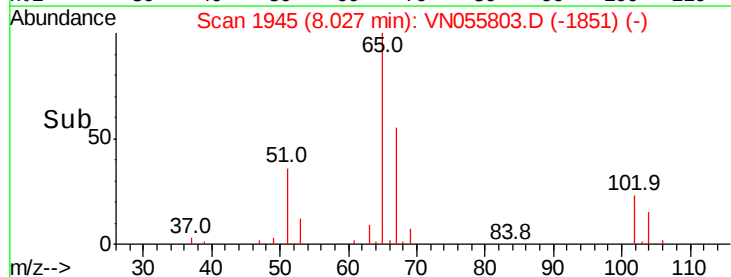
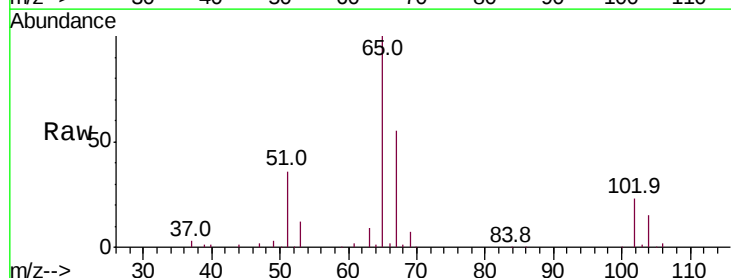
Instrument :
MSVOA_N
ClientSampleId :
OR-03-052319-A

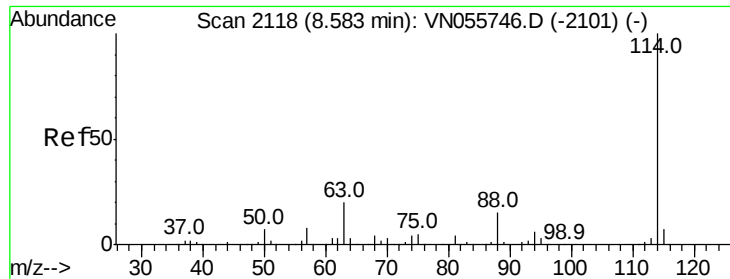
Tot Ion: 84 Resp: 4939
Ion Ratio Lower Upper
84 100
49 104.1 93.5 140.3
51 30.2 28.6 43.0
86 56.1 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 45.183 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055803.D
Acq: 24 May 2019 18:13

Tgt Ion: 65 Resp: 200109
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.2

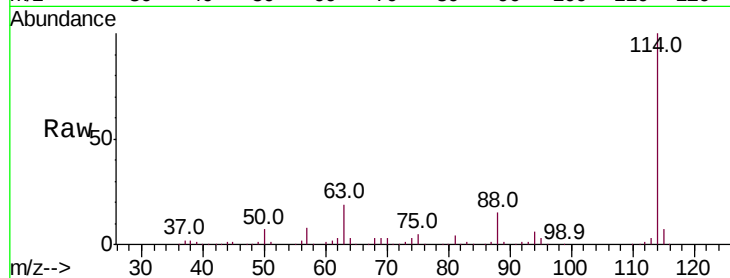




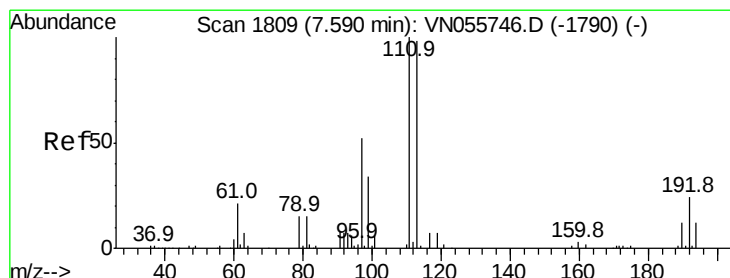
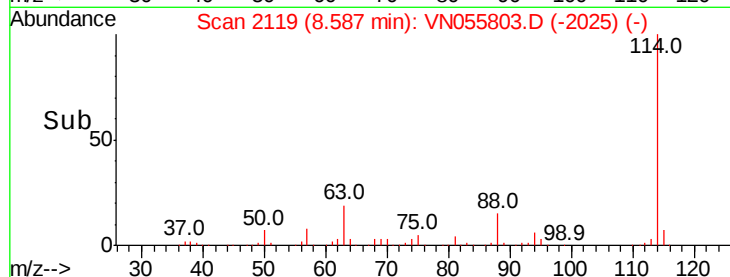
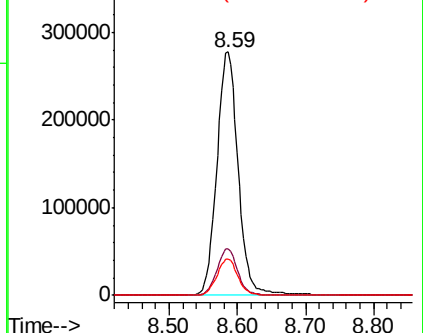
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055803.D
 Acq: 24 May 2019 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-052319-A

Tot Ion:114 Resp: 602097
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.1 0.0 31.0

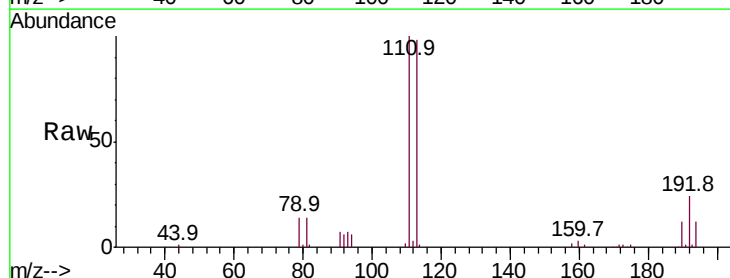


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

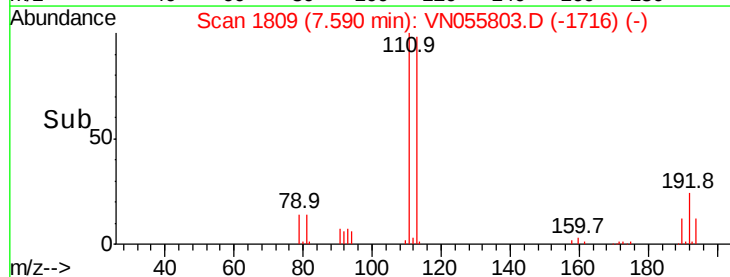
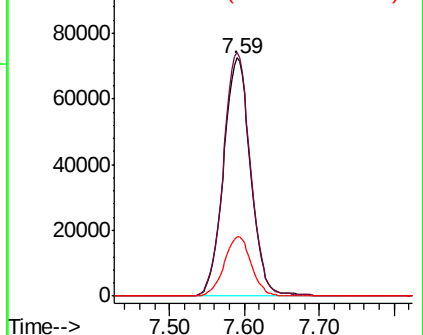


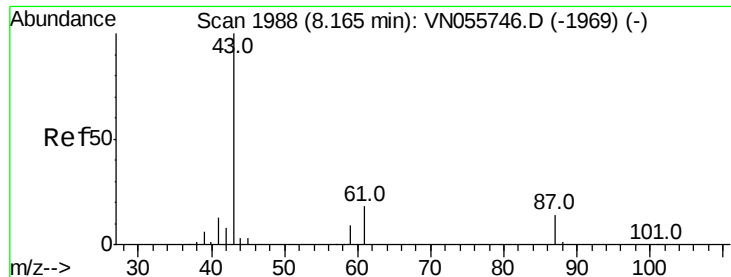
#35
 Dibromofluoromethane
 Concen: 47.779 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055803.D
 Acq: 24 May 2019 18:13

Tgt Ion:113 Resp: 181877
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 24.8 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





#43

Isopropyl Acetate

Concen: 1.710 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055803.D

Acq: 24 May 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-A

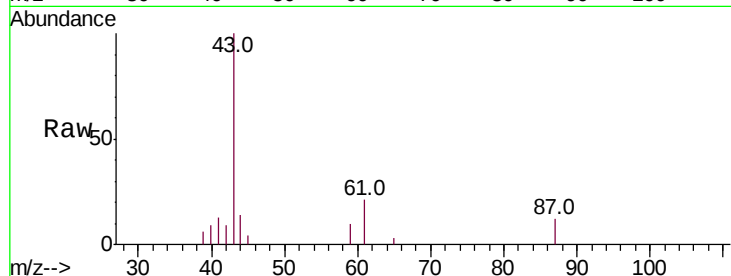
Tot Ion: 43 Resp: 14574

Ion Ratio Lower Upper

43 100

61 18.9 22.2 33.4#

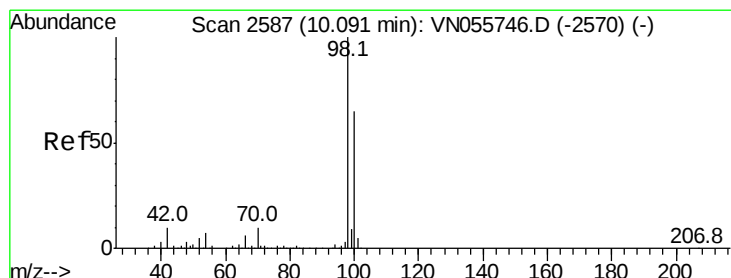
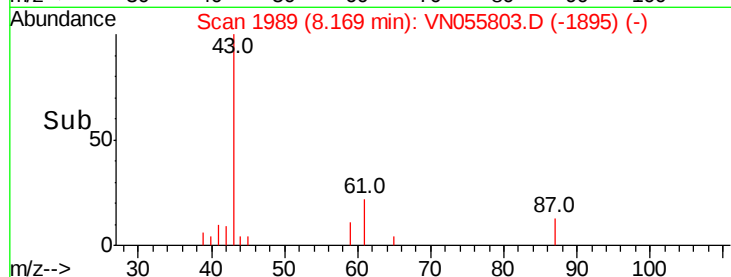
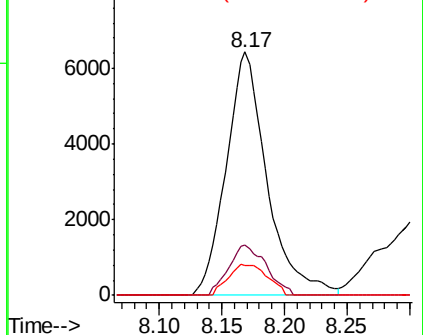
87 12.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.466 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055803.D

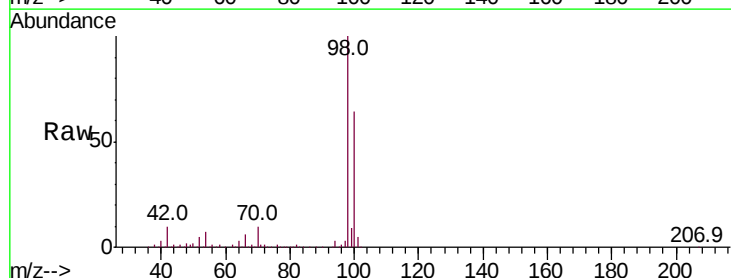
Acq: 24 May 2019 18:13

Tgt Ion: 98 Resp: 722302

Ion Ratio Lower Upper

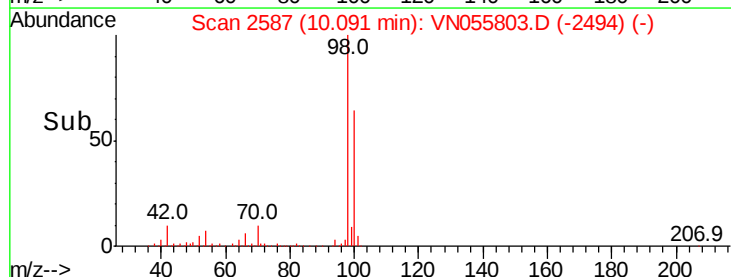
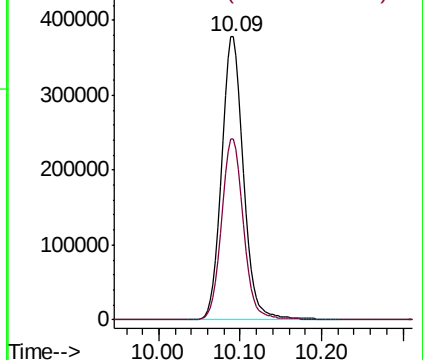
98 100

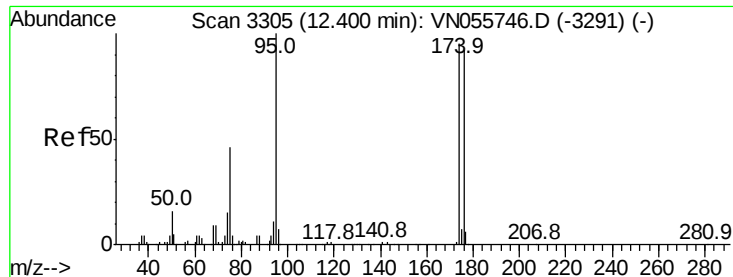
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.751 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055803.D

Acq: 24 May 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-A

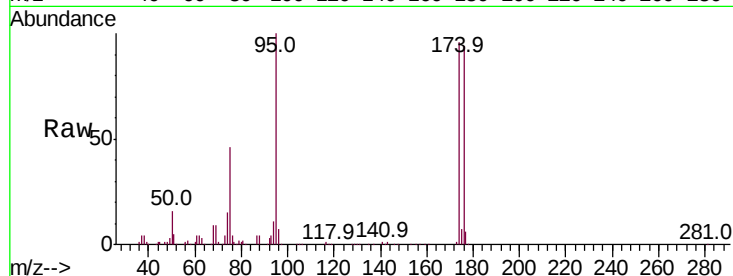
Tot Ion: 95 Resp: 239084

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

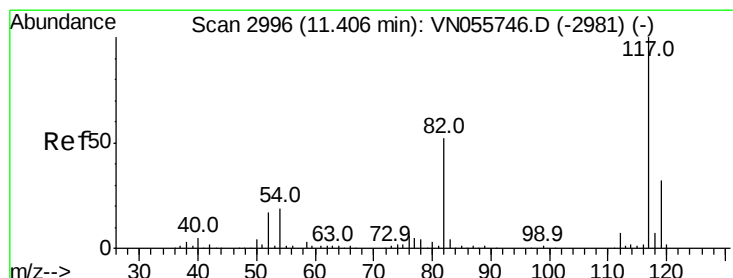
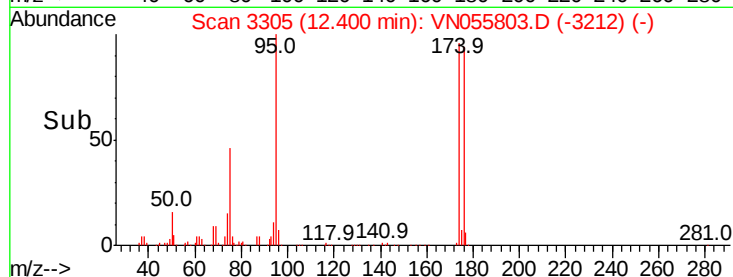
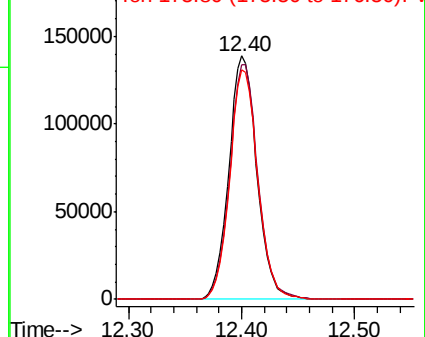
176 94.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055803.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055803.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055803.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055803.D

Acq: 24 May 2019 18:13

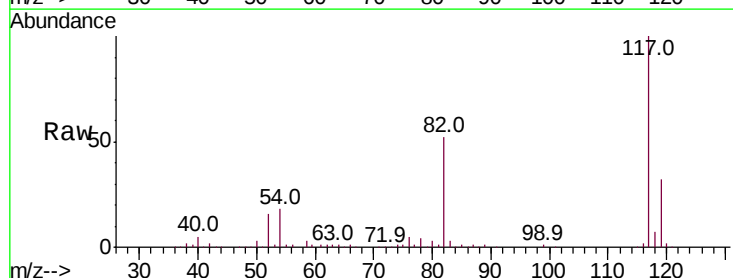
Tgt Ion: 117 Resp: 560263

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

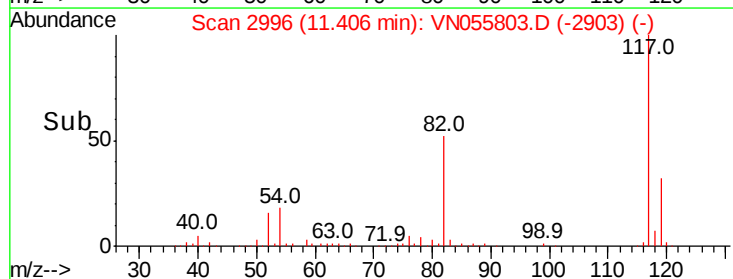
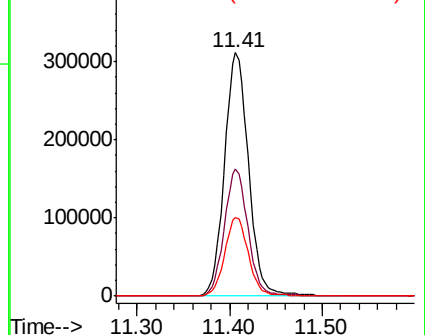
119 32.5 25.4 38.0

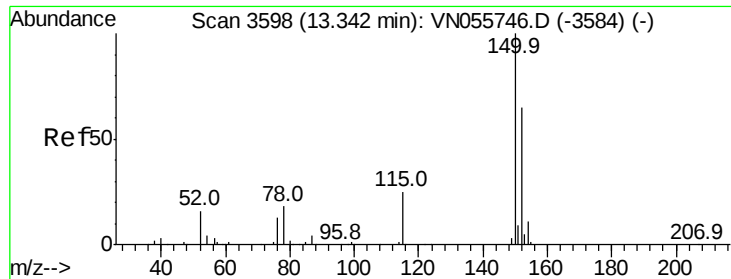


Abundance Ion 116.90 (116.60 to 117.60): VN055803.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055803.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055803.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055803.D

Acq: 24 May 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-A

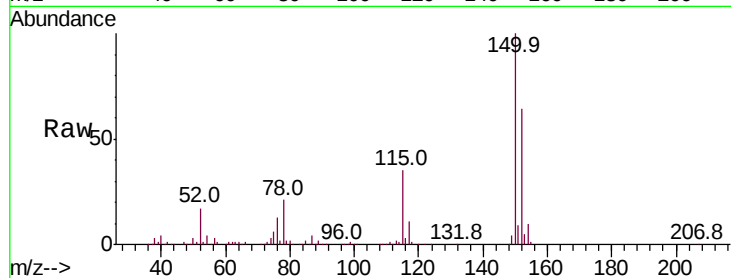
Tot Ion:152 Resp: 201958

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

150 155.0 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

