

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056450.D
 Acq On : 24 Jun 2019 13:01
 Operator : JC/SP
 Sample : PB120834ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#05

Quant Time: Jun 25 01:48:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

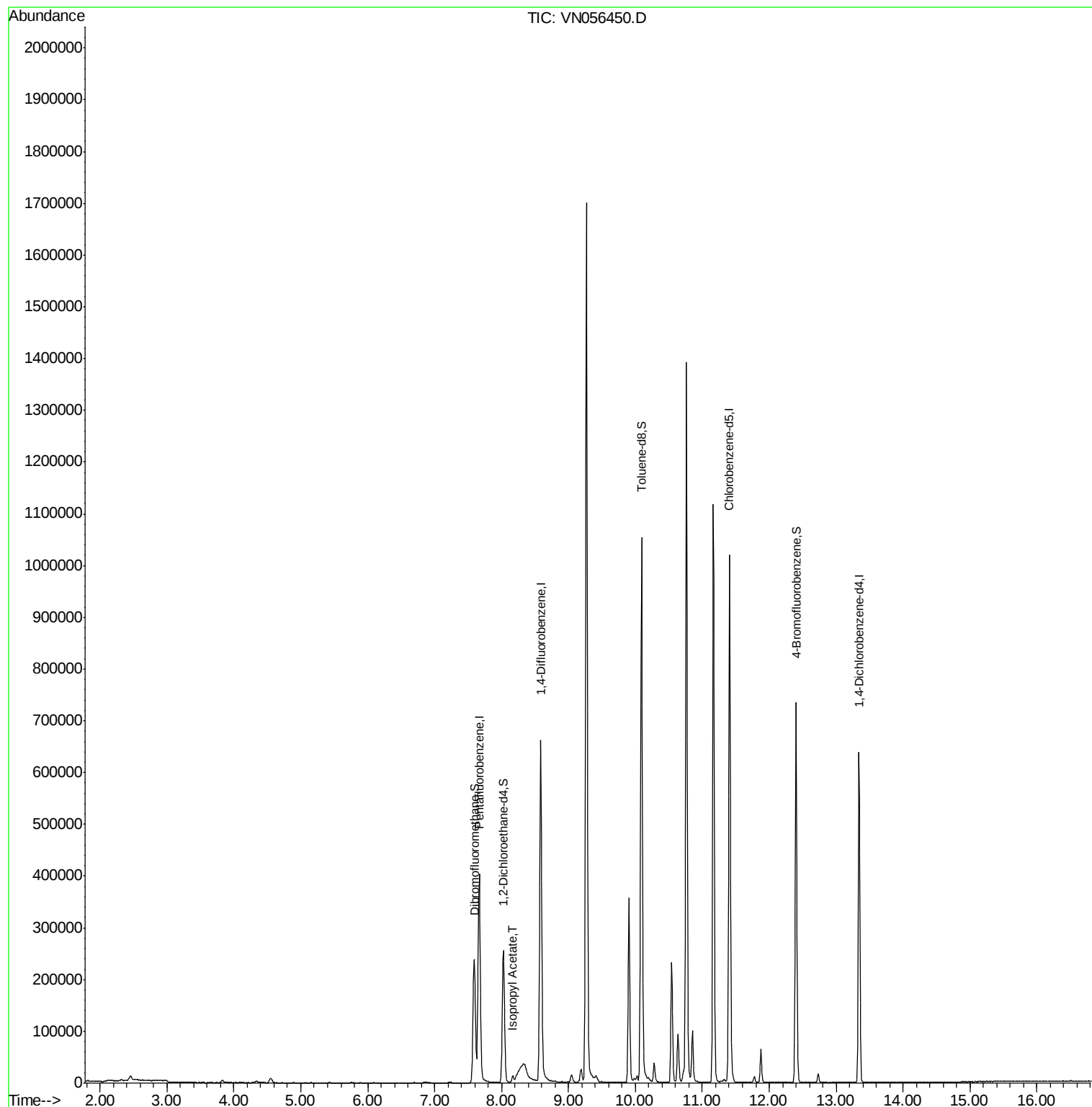
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	372387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	640419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215047	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	187802	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	10.09	98	802940	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	260370	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	15462	1.810	ug/l #	Qvalue 92

(#) = 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: VN056450.D

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MSVOA_N

ClientSampleId :

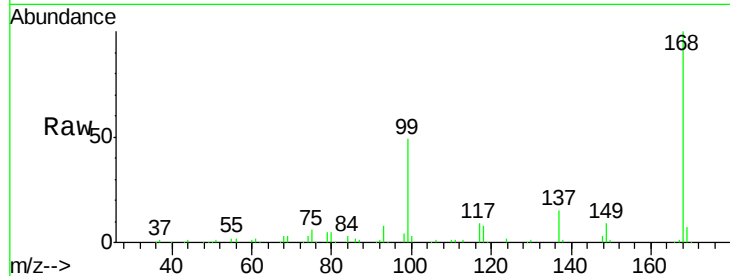
PB120834ZHE#05

Tot Ion:168 Resp: 372387

Ion Ratio Lower Upper

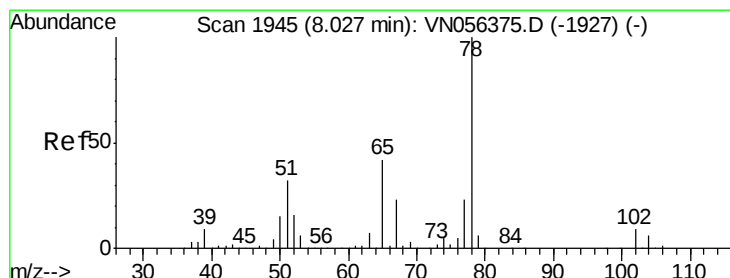
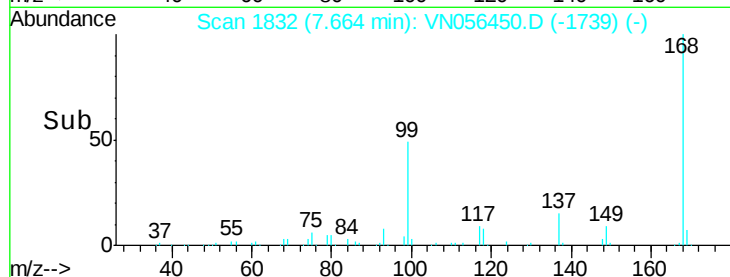
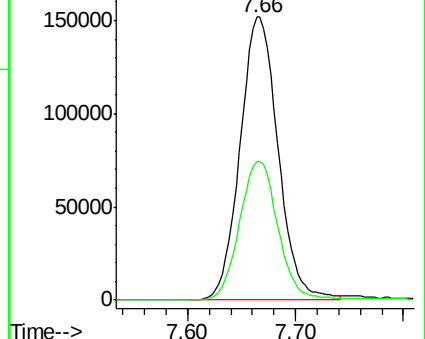
168 100

99 49.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.105 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056450.D

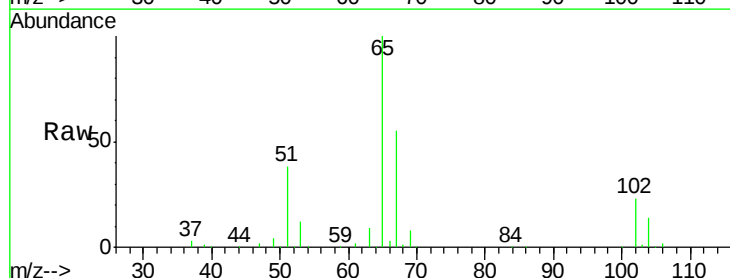
Acq: 24 Jun 2019 13:01

Tgt Ion: 65 Resp: 215047

Ion Ratio Lower Upper

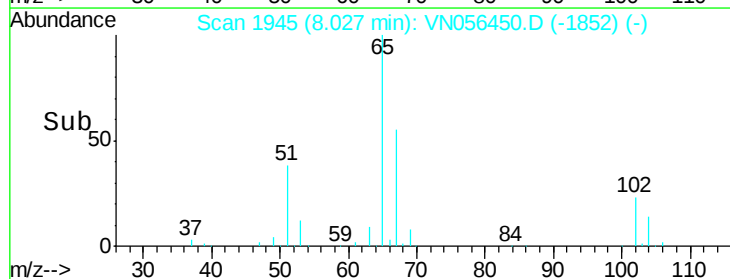
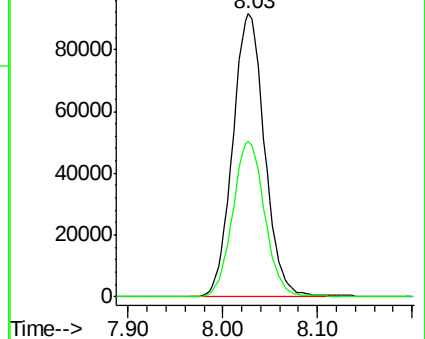
65 100

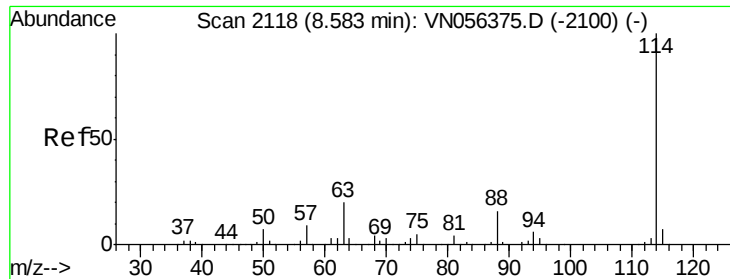
67 55.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

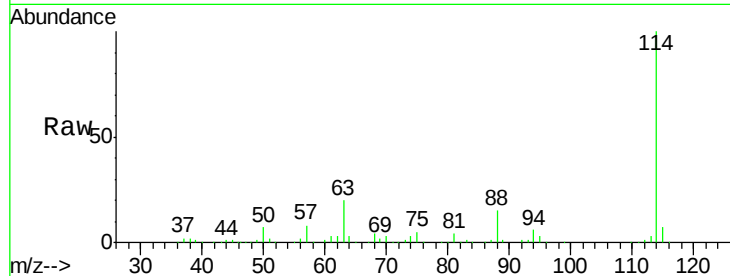




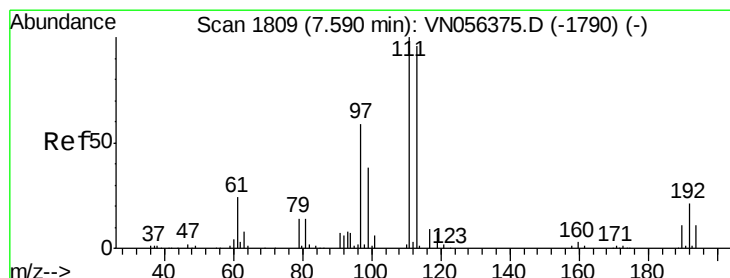
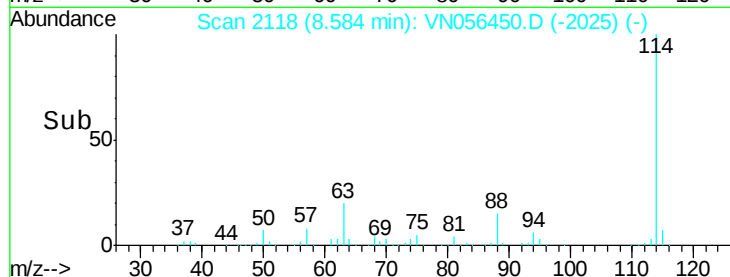
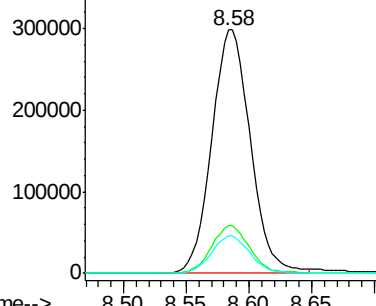
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056450.D
 Acq: 24 Jun 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#05

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.2
88	15.4	0.0	31.4

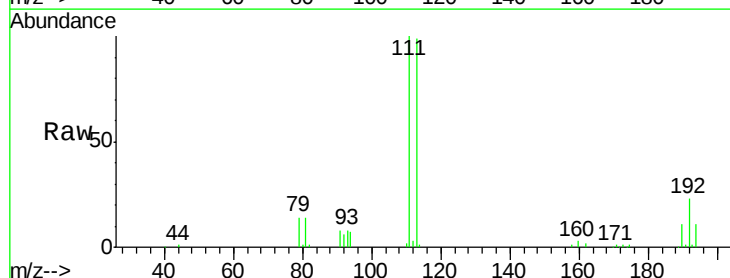


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

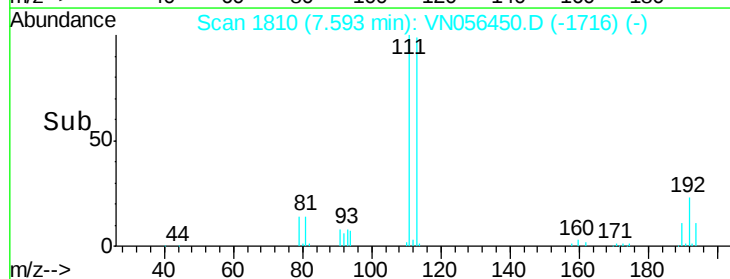
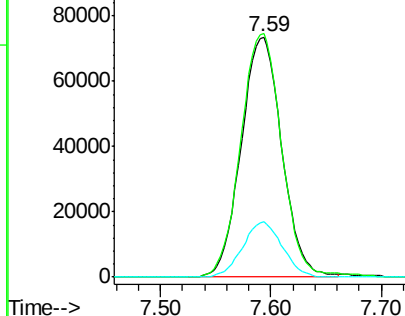


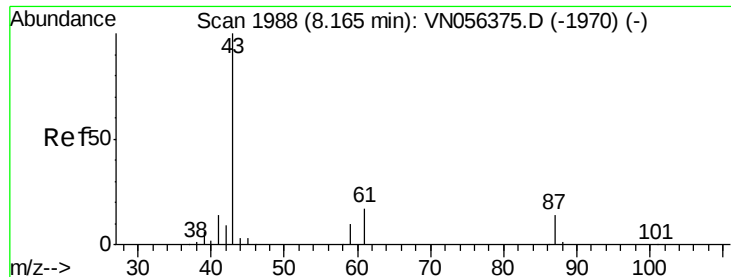
#35
 Dibromofluoromethane
 Concen: 47.007 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056450.D
 Acq: 24 Jun 2019 13:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	22.4	17.7	26.5



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: 1.810 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056450.D

Acq: 24 Jun 2019 13:01

Instrument :

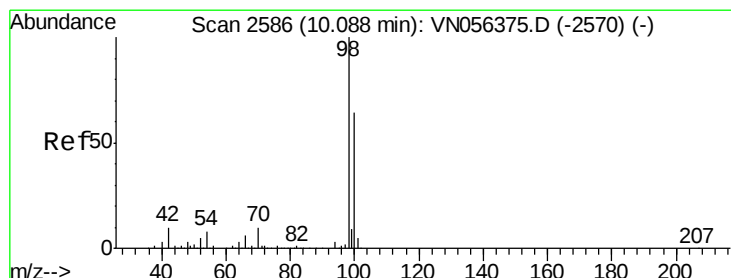
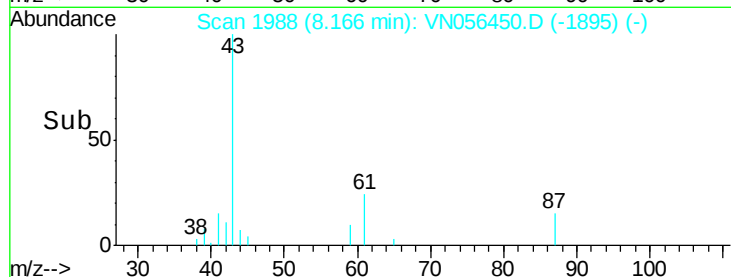
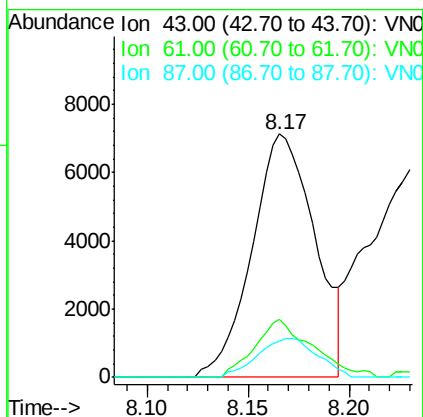
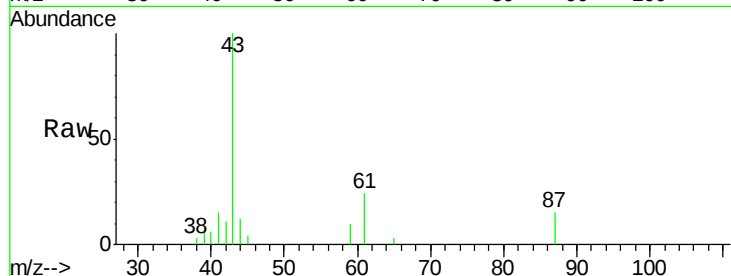
MSVOA_N

ClientSampleId :

PB120834ZHE#05

Tot Ion: 43 Resp: 15462

Ion	Ratio	Lower	Upper
43	100		
61	21.9	22.0	33.0#
87	15.2	11.0	16.4



#50

Toluene-d8

Concen: 51.651 ug/l

RT: 10.09 min Scan# 2587

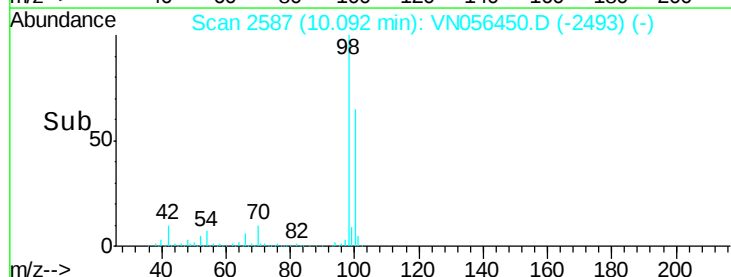
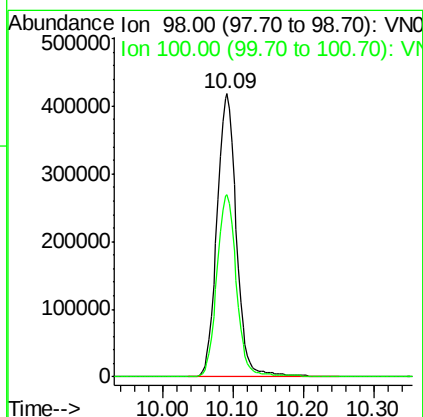
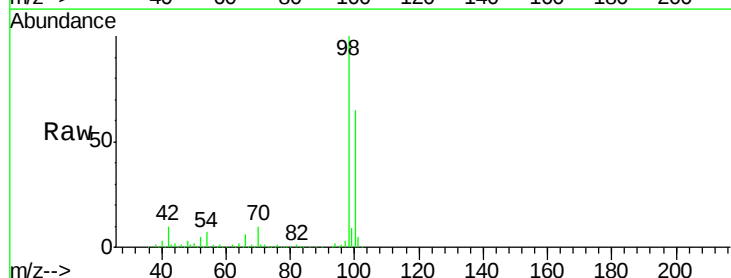
Delta R.T. 0.00 min

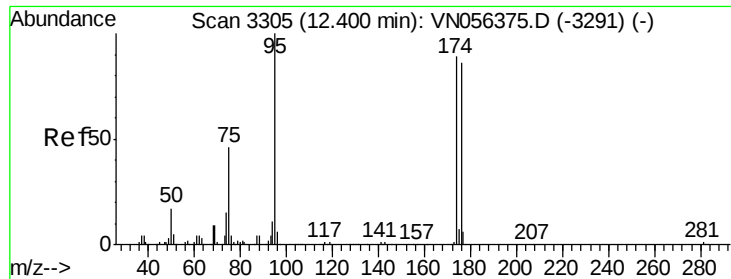
Lab File: VN056450.D

Acq: 24 Jun 2019 13:01

Tgt Ion: 98 Resp: 802940

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 50.243 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056450.D

Acq: 24 Jun 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#05

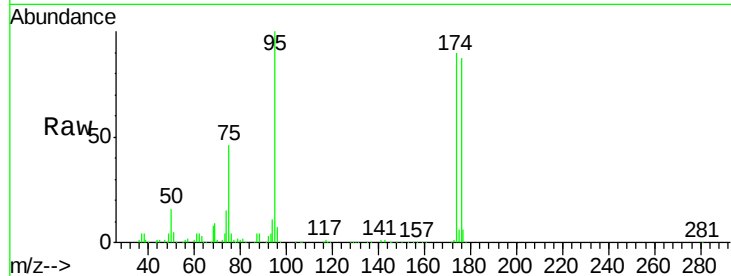
Tot Ion: 95 Resp: 260370

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.4

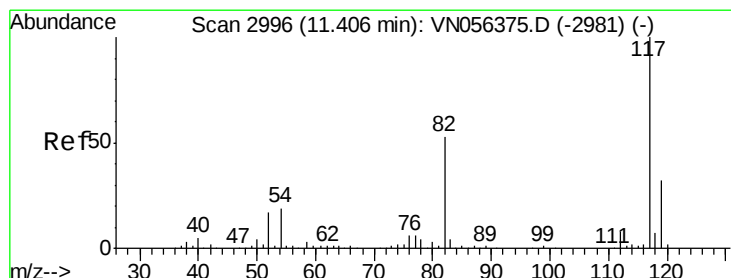
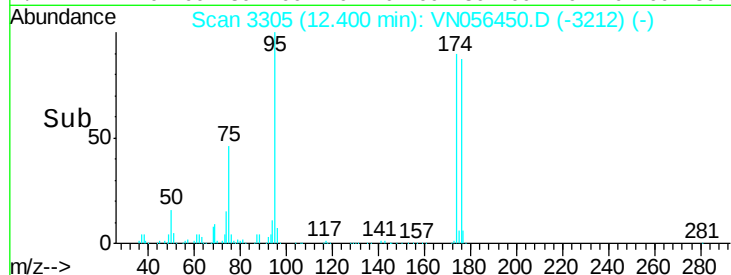
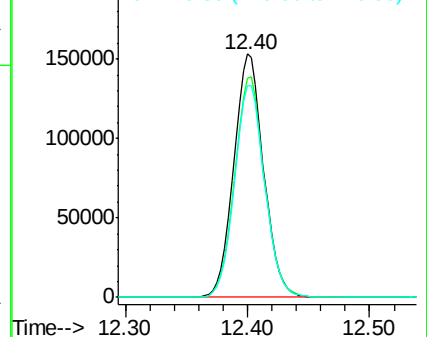
176 88.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056450.D

Acq: 24 Jun 2019 13:01

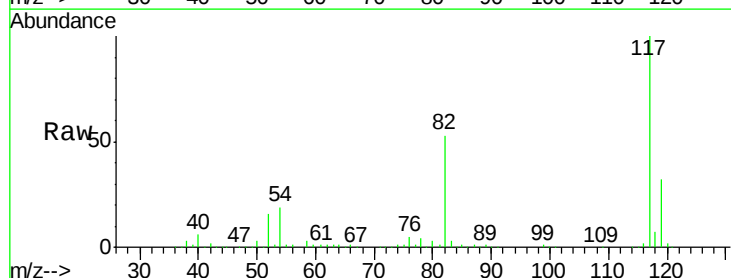
Tgt Ion: 117 Resp: 642592

Ion Ratio Lower Upper

117 100

82 52.8 42.0 63.0

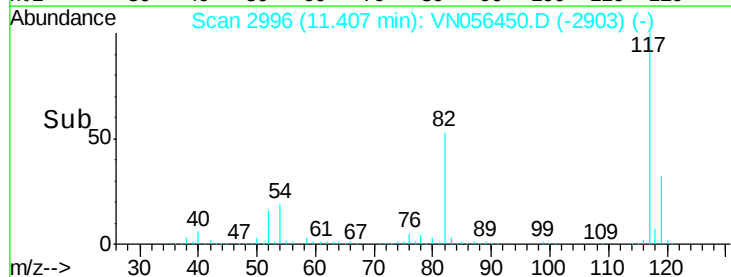
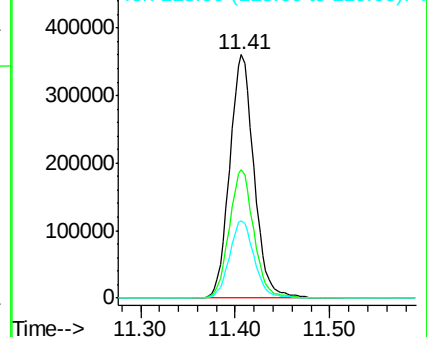
119 31.9 25.3 37.9

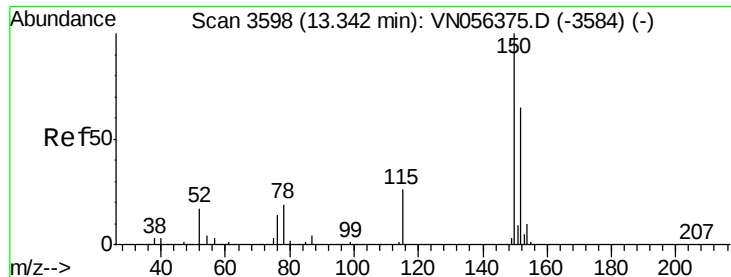


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056450.D

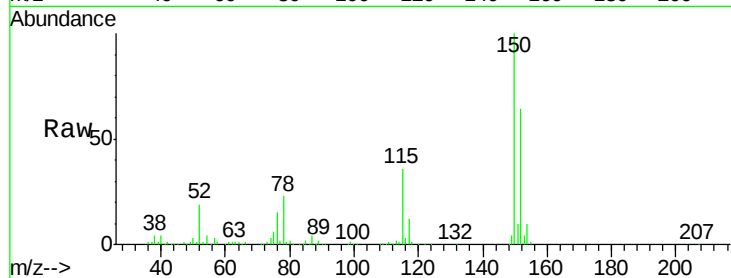
Acq: 24 Jun 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#05



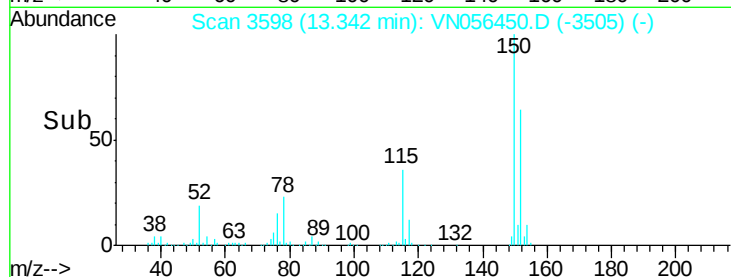
Tot Ion:152 Resp: 186214

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.4

150 155.9 0.0 348.4



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

