

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056008.D
 Acq On : 5 Jun 2019 14:31
 Operator : JC/SP
 Sample : K2638-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2019

Quant Time: Jun 06 01:59:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

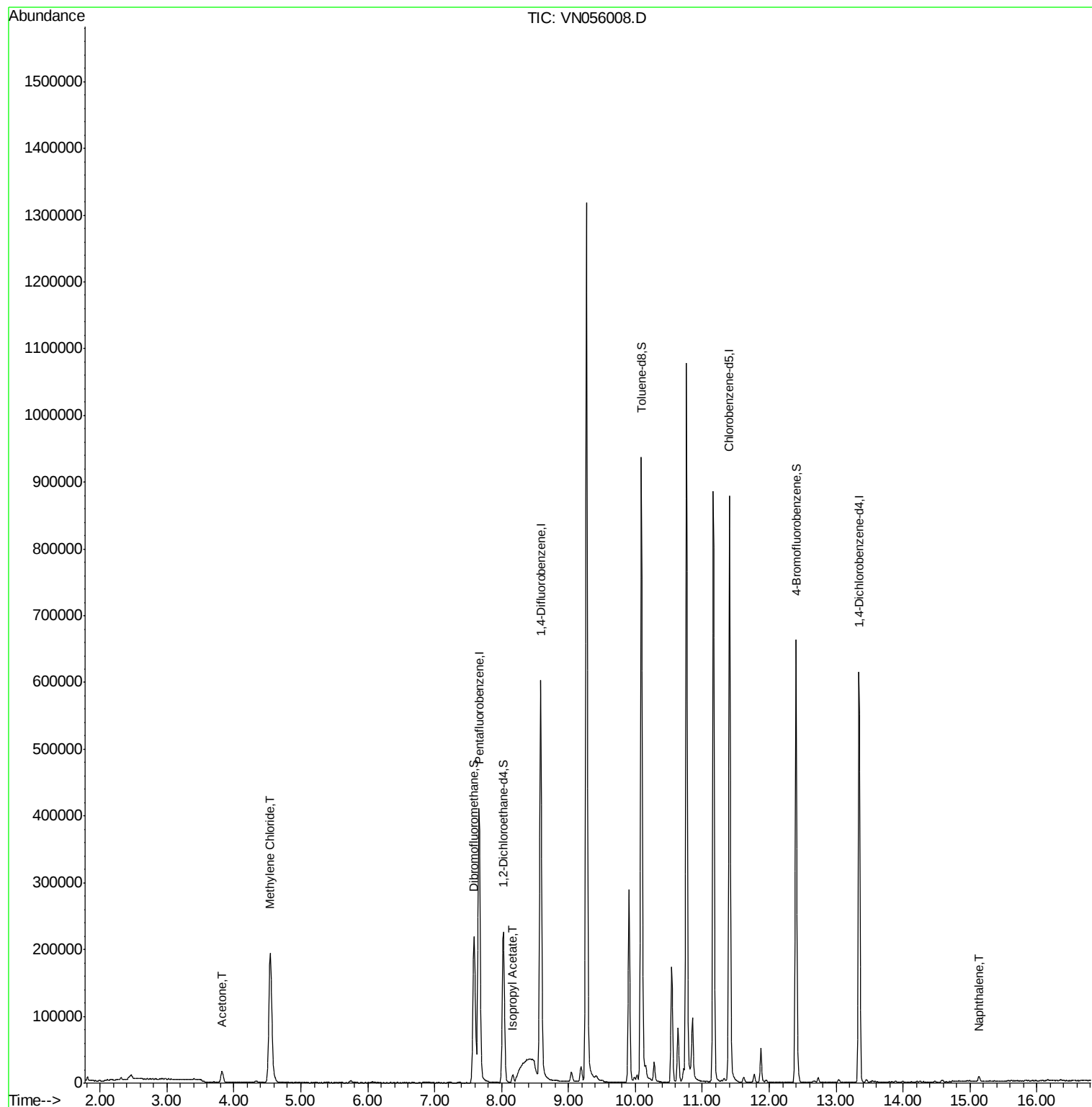
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	400424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	595460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	188024	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	7.59	113	169695	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
50) Toluene-d8	10.09	98	713243	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	233939	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
16) Acetone	3.82	43	27713	14.574	ug/l	97
20) Methylene Chloride	4.54	84	162463	41.470	ug/l	96
43) Isopropyl Acetate	8.17	43	13838	1.874	ug/l #	89
95) Naphthalene	15.13	128	8159	4.660	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056008.D

Acq: 5 Jun 2019 14:31

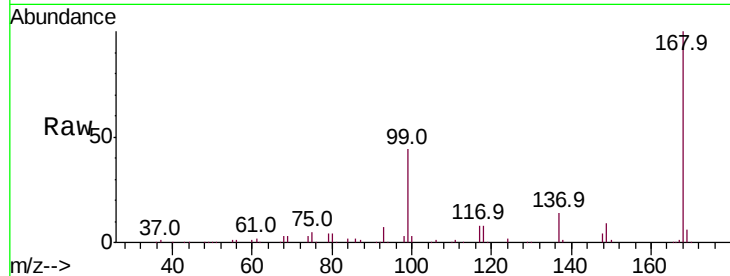
Instrument :
MSVOA_N
ClientSampled :
2019

Tot Ion:168 Resp: 400424

Ion Ratio Lower Upper

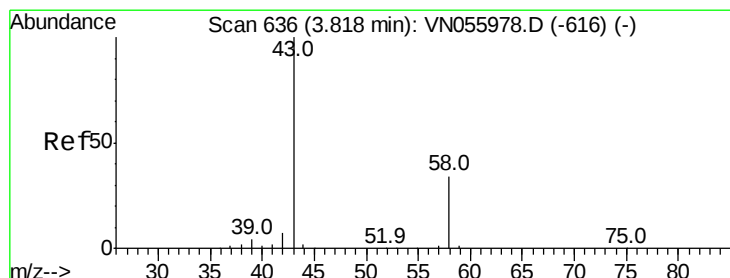
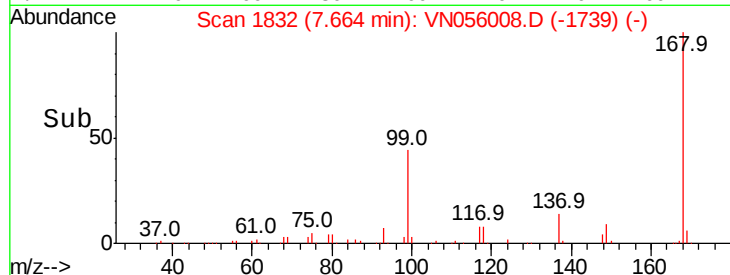
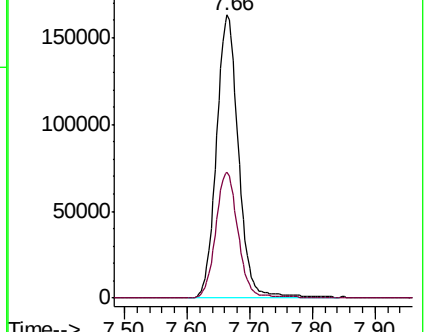
168 100

99 44.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.574 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056008.D

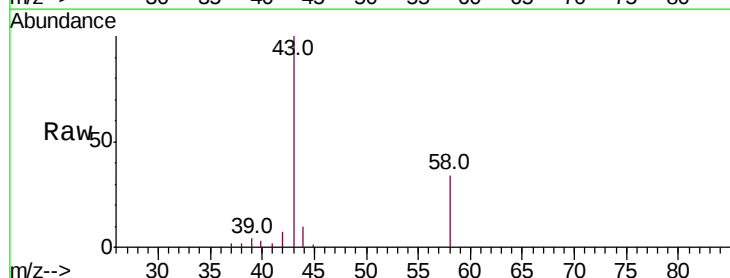
Acq: 5 Jun 2019 14:31

Tgt Ion: 43 Resp: 27713

Ion Ratio Lower Upper

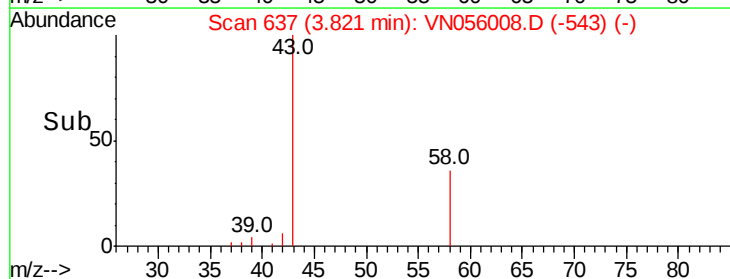
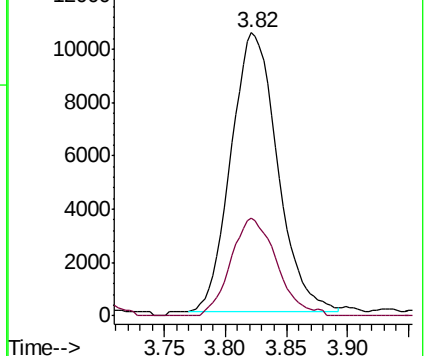
43 100

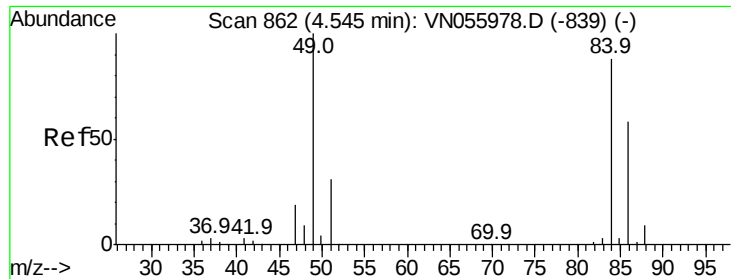
58 34.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 41.470 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN056008.D

Acq: 5 Jun 2019 14:31

Instrument :
MSVOA_N
ClientSampled :
2019

Tot Ion: 84 Resp: 162463

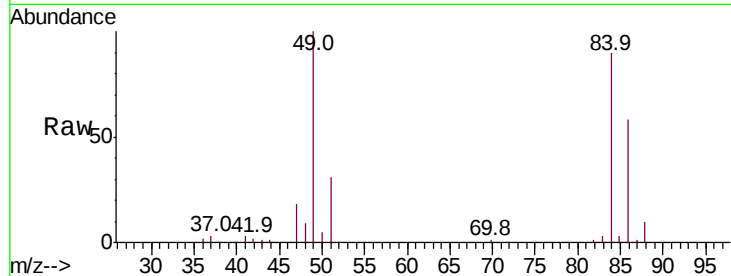
Ion Ratio Lower Upper

84 100

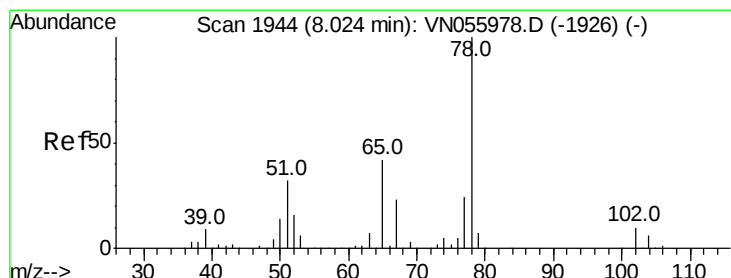
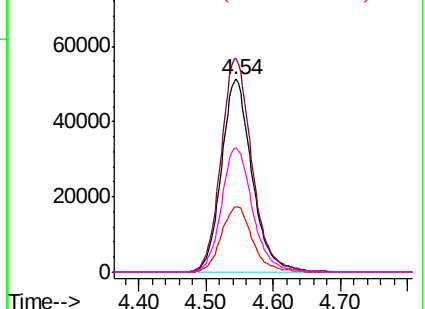
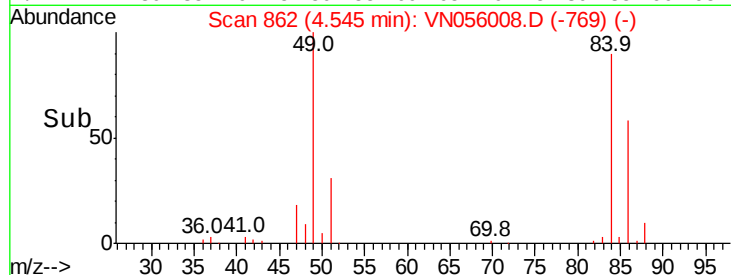
49 110.6 93.5 140.3

51 34.0 28.6 43.0

86 64.1 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.291 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056008.D

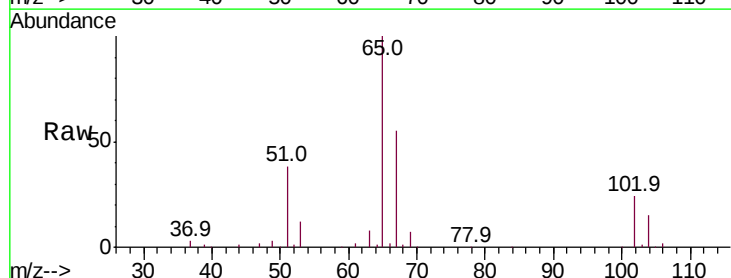
Acq: 5 Jun 2019 14:31

Tgt Ion: 65 Resp: 188024

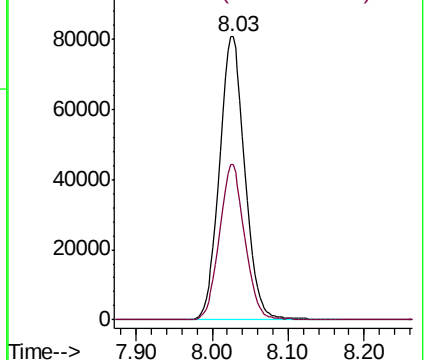
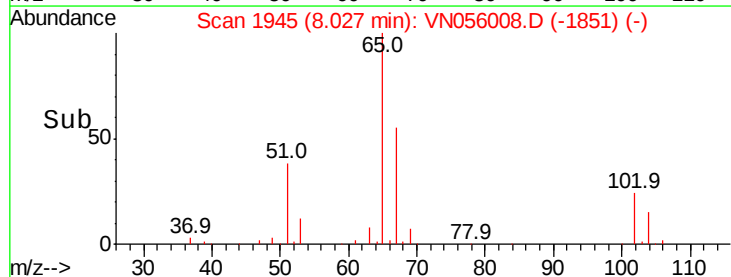
Ion Ratio Lower Upper

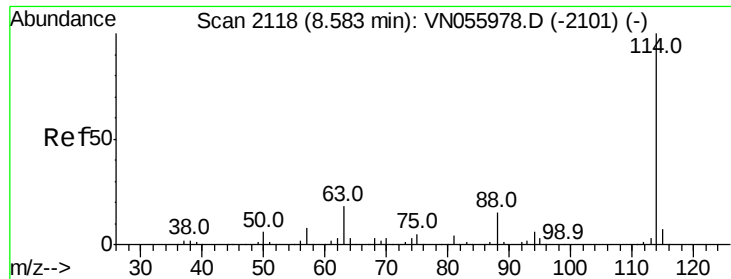
65 100

67 54.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

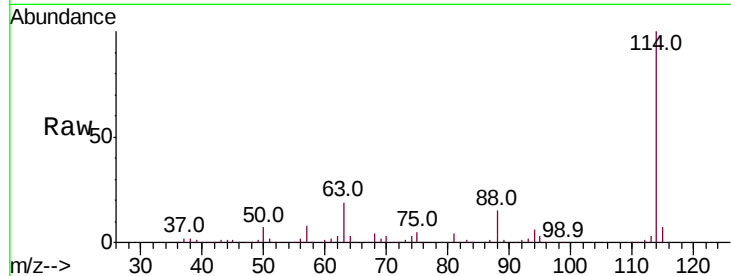




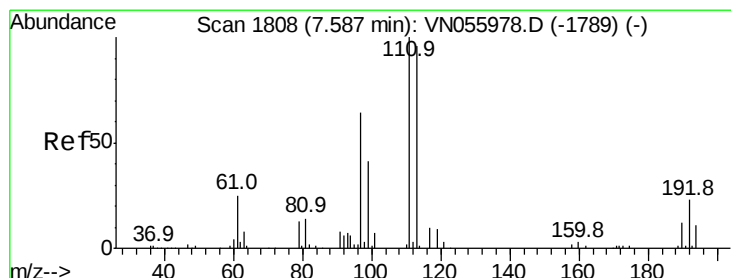
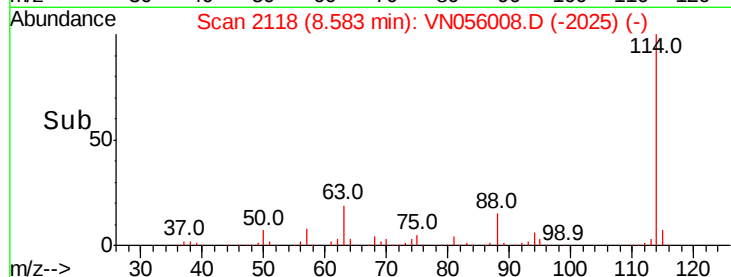
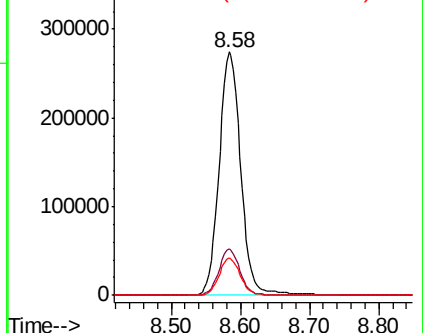
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056008.D
 Acq: 5 Jun 2019 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 2019

Tot Ion:114 Resp: 595460
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.0

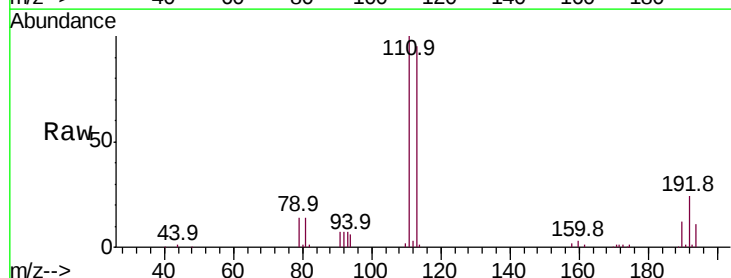


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

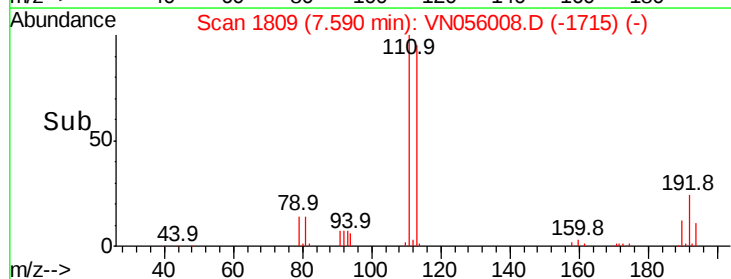
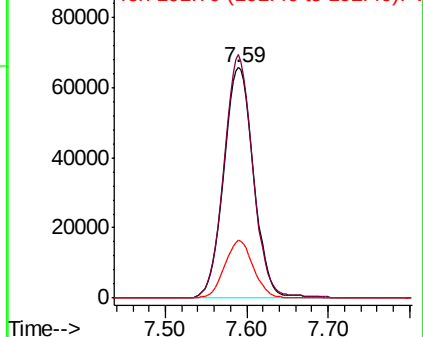


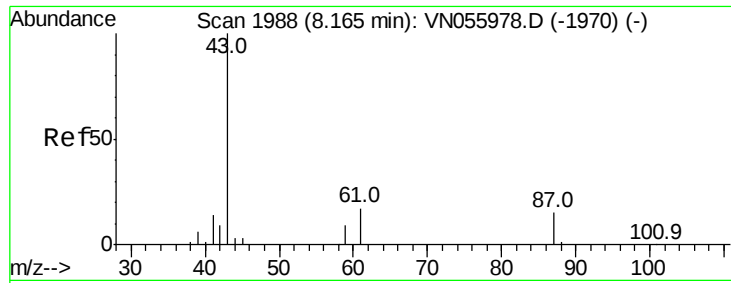
#35
 Dibromofluoromethane
 Concen: 46.449 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056008.D
 Acq: 5 Jun 2019 14:31

Tgt Ion:113 Resp: 169695
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.9 122.9
 192 24.1 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: 1.874 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056008.D

Acq: 5 Jun 2019 14:31

Instrument :

MSVOA_N

ClientSampled :
2019

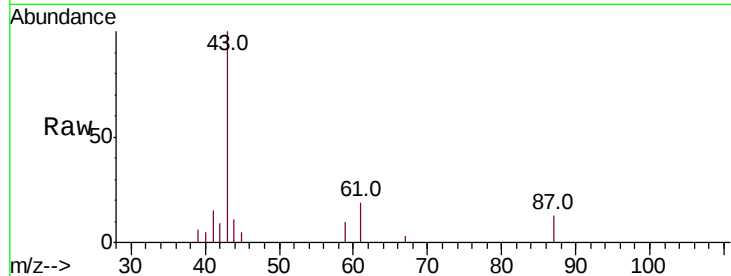
Tot Ion: 43 Resp: 13838

Ion Ratio Lower Upper

43 100

61 19.3 22.2 33.4#

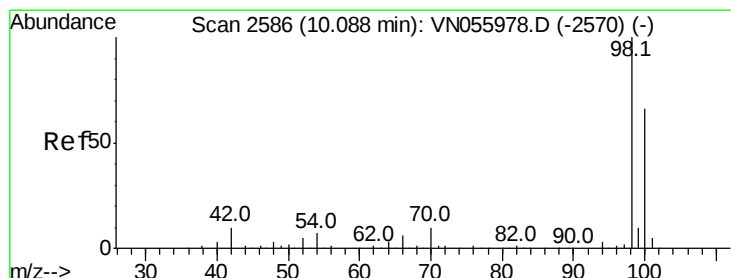
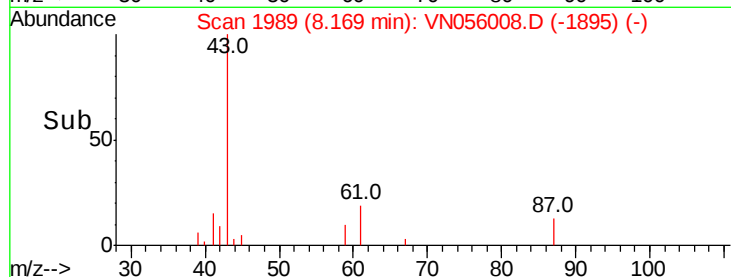
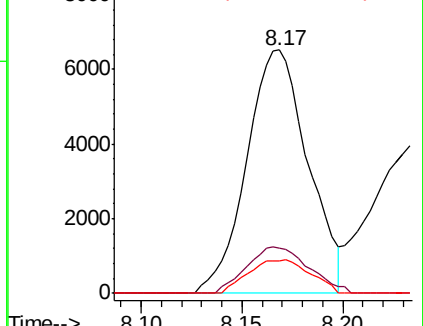
87 13.7 11.4 17.2



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: 50.735 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056008.D

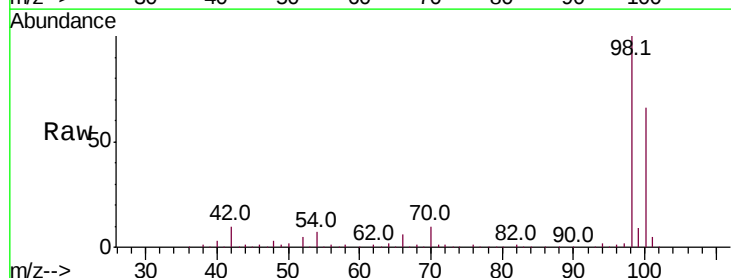
Acq: 5 Jun 2019 14:31

Tgt Ion: 98 Resp: 713243

Ion Ratio Lower Upper

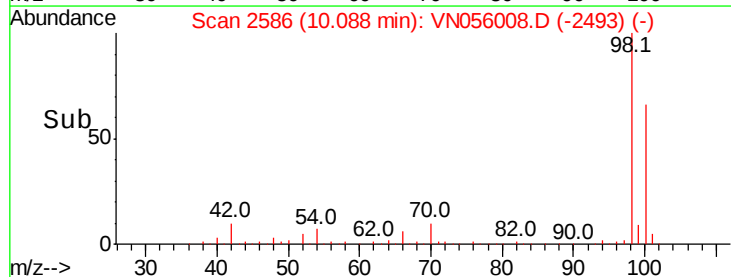
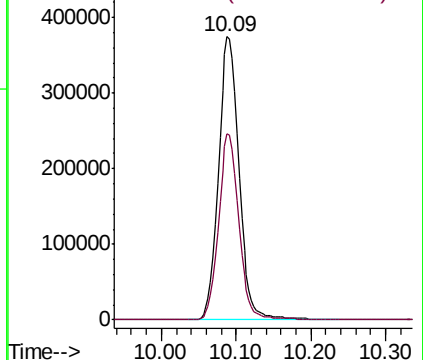
98 100

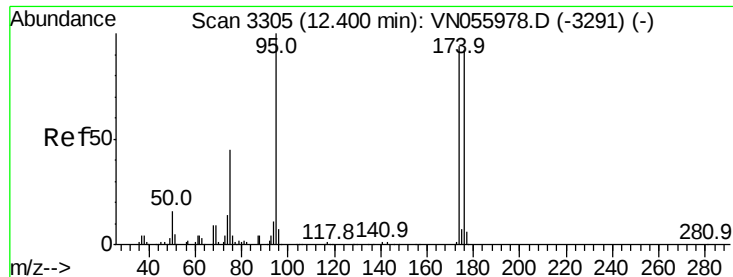
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

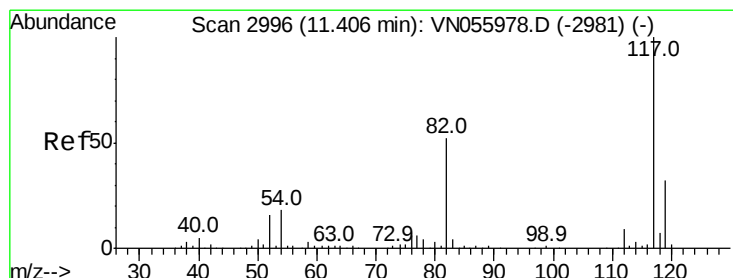
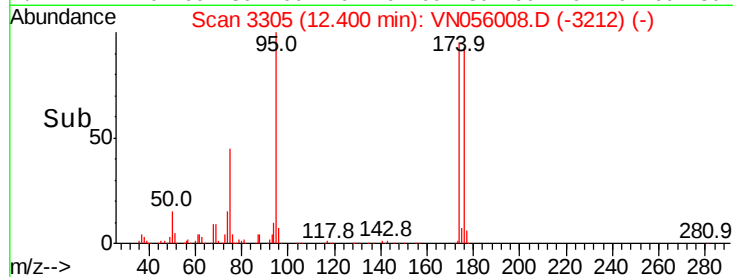
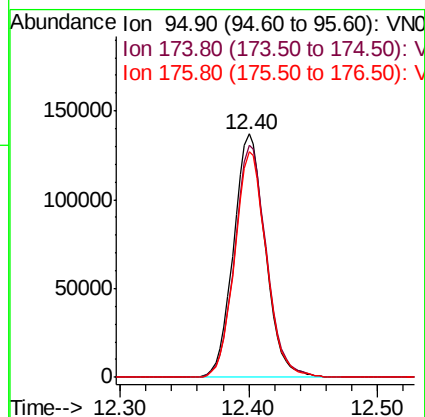
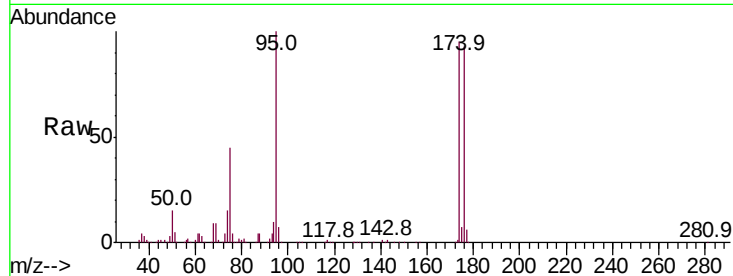




#62
4-Bromofluorobenzene
Concen: 48.933 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056008.D
Acq: 5 Jun 2019 14:31

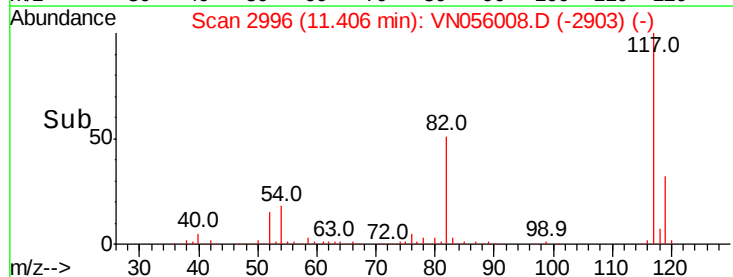
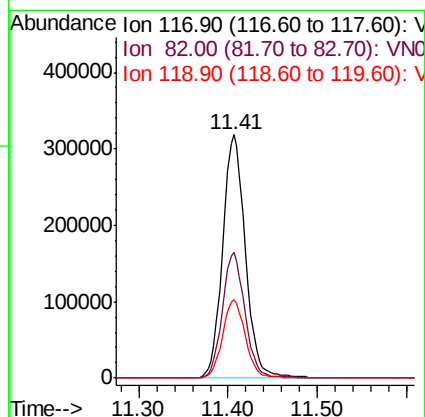
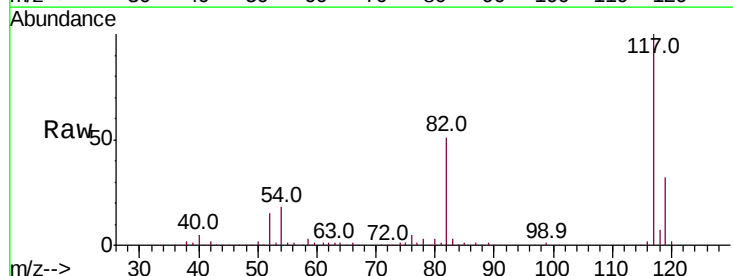
Instrument :
MSVOA_N
ClientSampleId :
2019

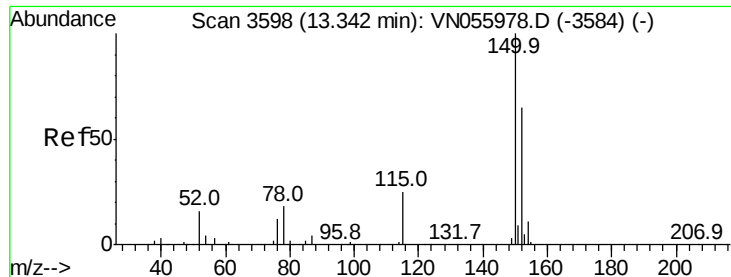
Tot Ion: 95 Resp: 233939
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.0
176 92.6 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056008.D
Acq: 5 Jun 2019 14:31

Tgt Ion: 117 Resp: 560891
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056008.D

Acq: 5 Jun 2019 14:31

Instrument :

MSVOA_N

ClientSampled :
2019

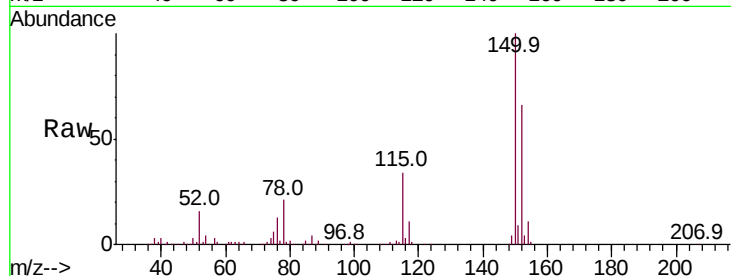
Tot Ion:152 Resp: 194656

Ion Ratio Lower Upper

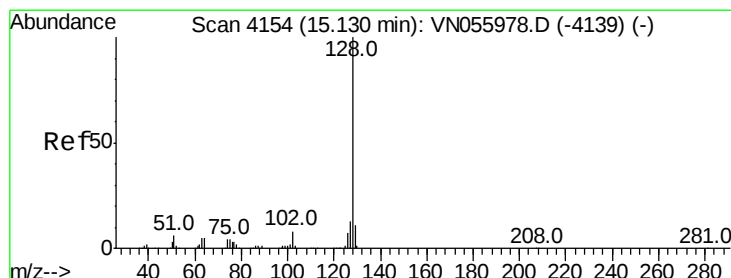
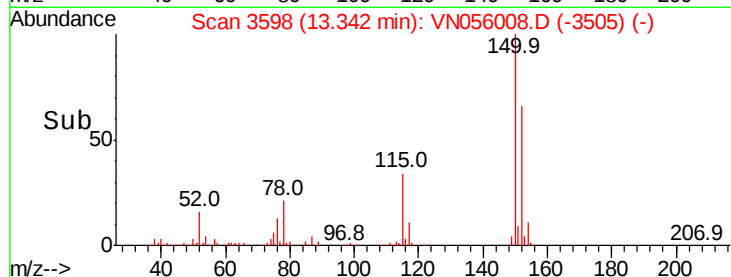
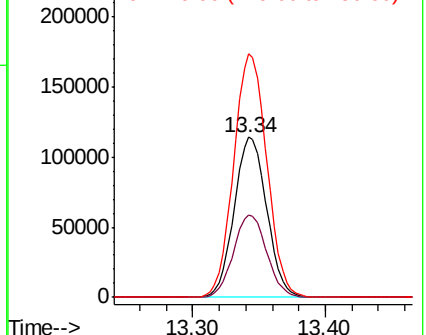
152 100

115 52.5 27.0 81.0

150 154.8 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



#95

Naphthalene

Concen: 4.660 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056008.D

Acq: 5 Jun 2019 14:31

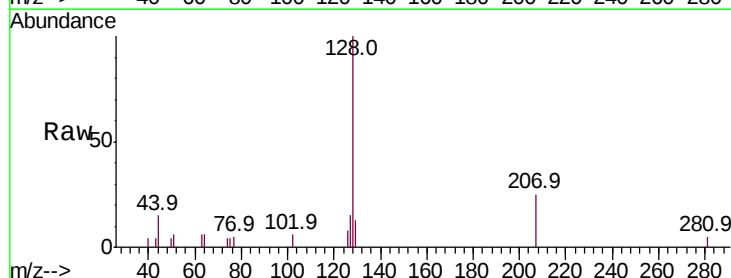
Tgt Ion:128 Resp: 8159

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

