

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056139.D
 Acq On : 8 Jun 2019 9:07
 Operator : JC/SP
 Sample : K3160-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-060619-B

Quant Time: Jun 10 02:12:02 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

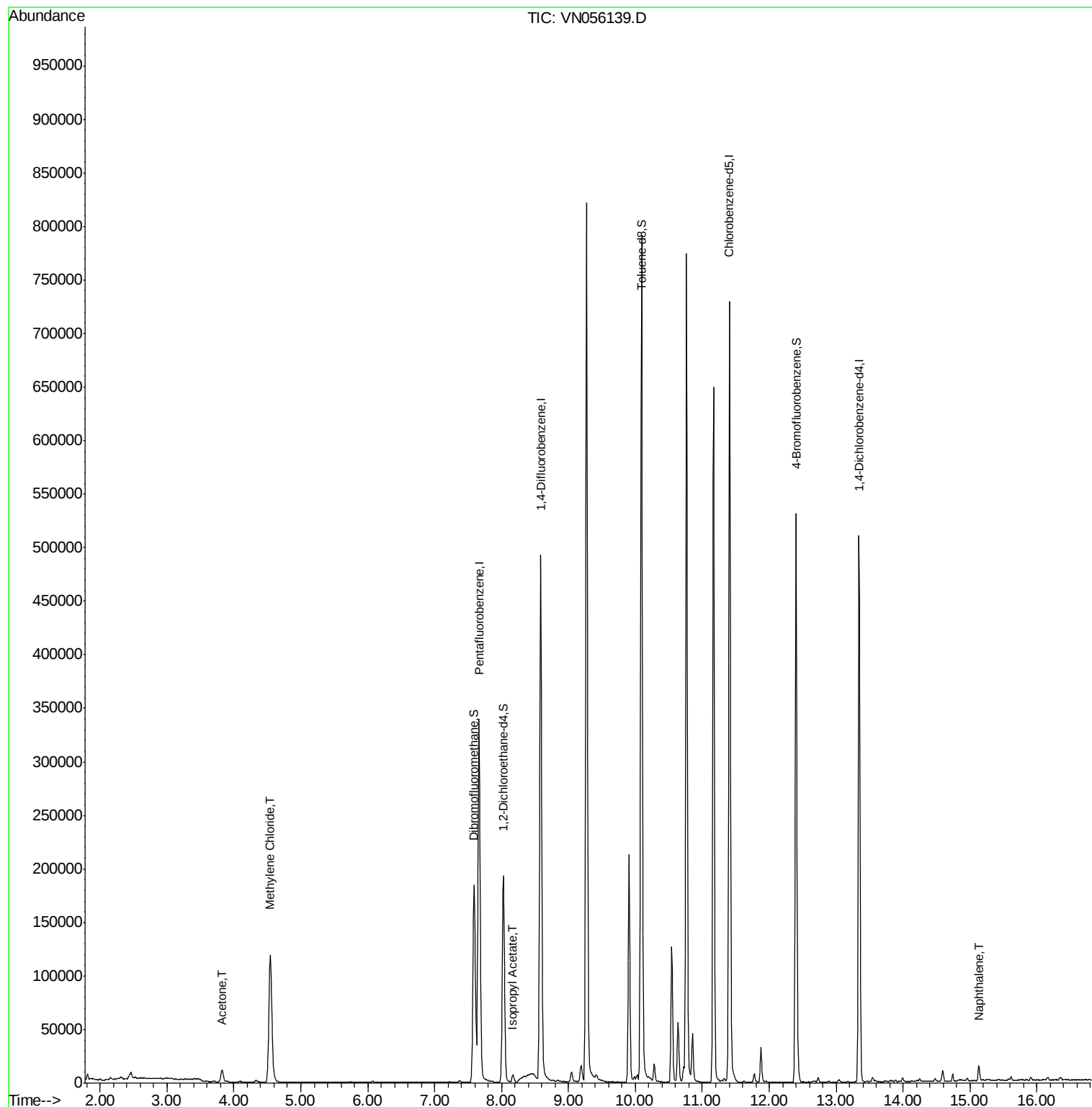
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	321714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	161597	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	7.59	113	140984	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	598431	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	191771	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
Target Compounds						
16) Acetone	3.82	43	19446	12.728	ug/l	Qvalue 100
20) Methylene Chloride	4.55	84	98360	31.250	ug/l	97
43) Isopropyl Acetate	8.17	43	8663	1.428	ug/l #	82
95) Naphthalene	15.13	128	14710	5.665	ug/l	99

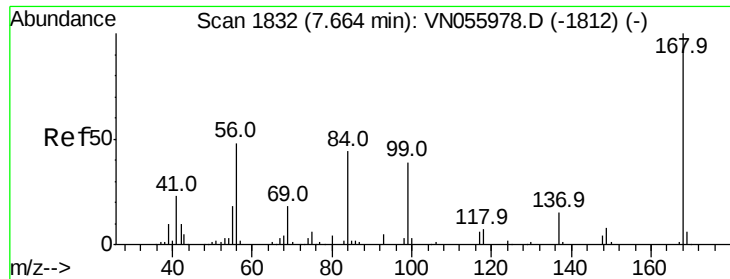
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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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: VN056139.D

Acq: 8 Jun 2019 9:07

Instrument :

MSVOA_N

ClientSampleId :

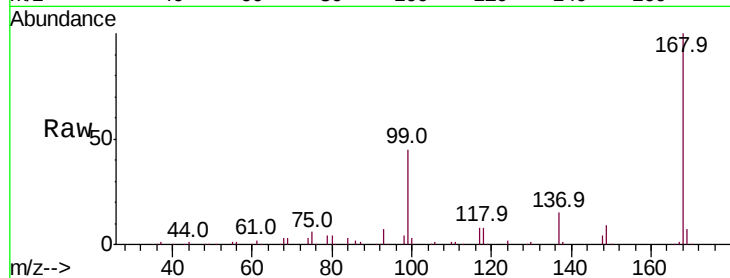
EO-02-060619-B

Tot Ion:168 Resp: 321714

Ion Ratio Lower Upper

168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

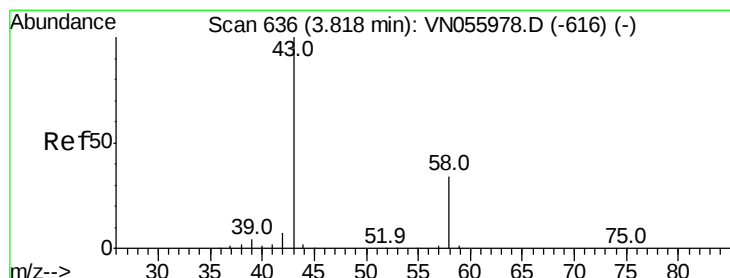
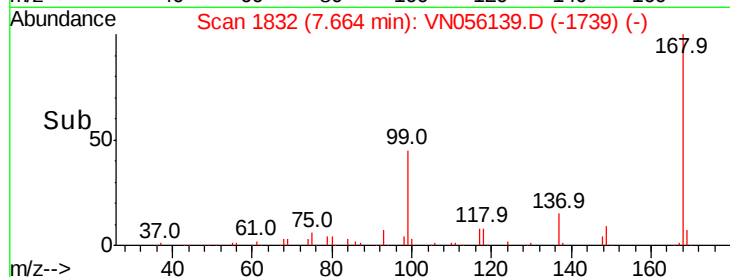
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.728 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056139.D

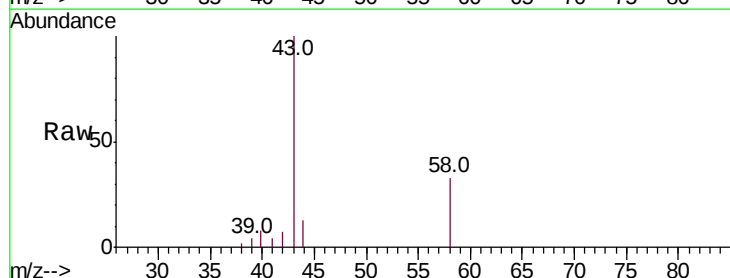
Acq: 8 Jun 2019 9:07

Tgt Ion: 43 Resp: 19446

Ion Ratio Lower Upper

43 100

58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

8000

6000

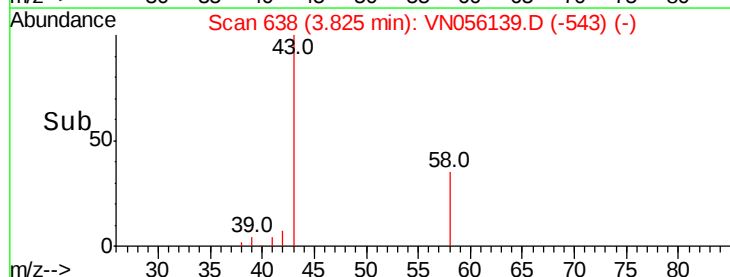
4000

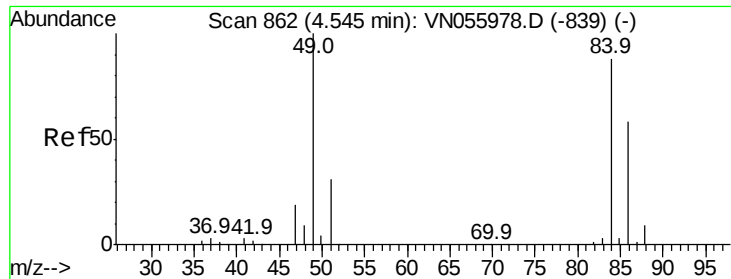
2000

0

3.75 3.80 3.85 3.90

Time-->

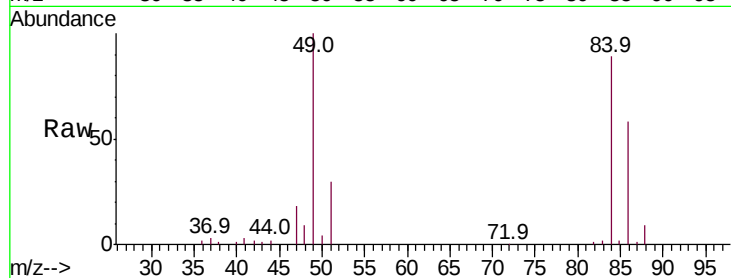




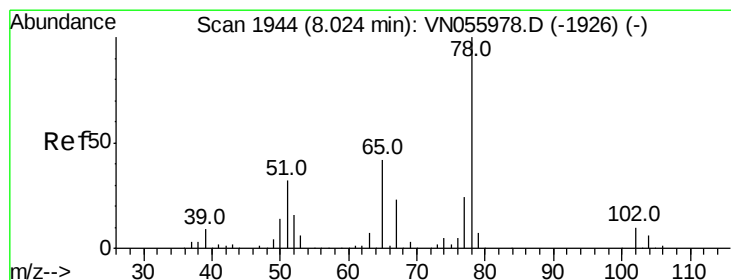
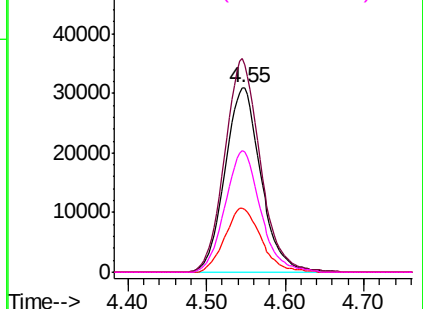
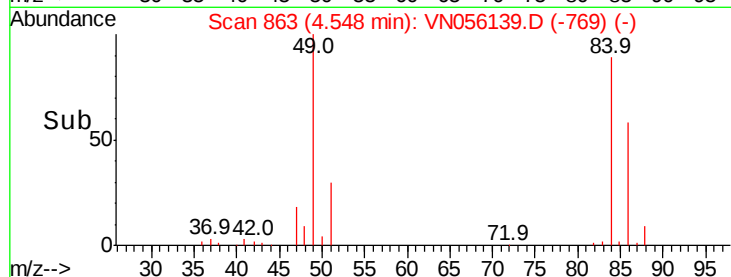
#20
Methvlene Chloride
Concen: 31.250 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056139.D
Acq: 8 Jun 2019 9:07

Instrument :
MSVOA_N
ClientSampleId :
EO-02-060619-B

Tot Ion: 84 Resp: 98360
Ion Ratio Lower Upper
84 100
49 112.0 93.5 140.3
51 34.1 28.6 43.0
86 65.0 52.6 79.0

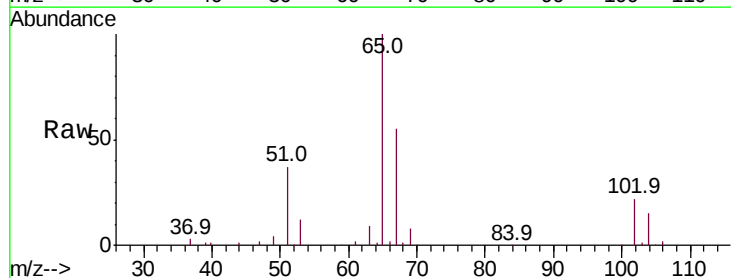


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

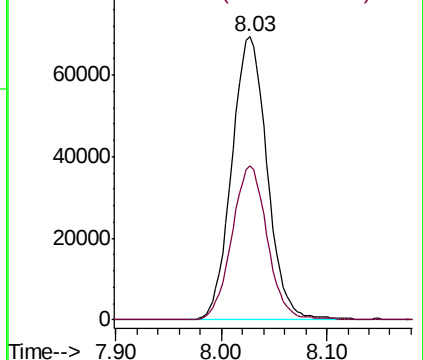
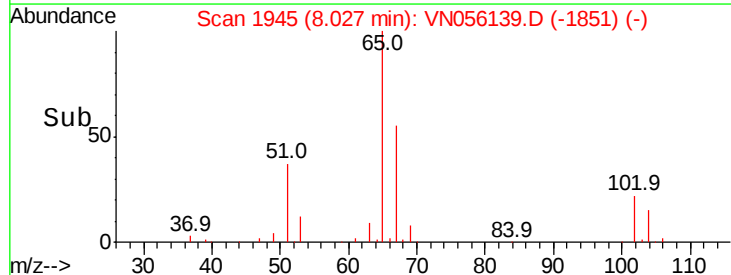


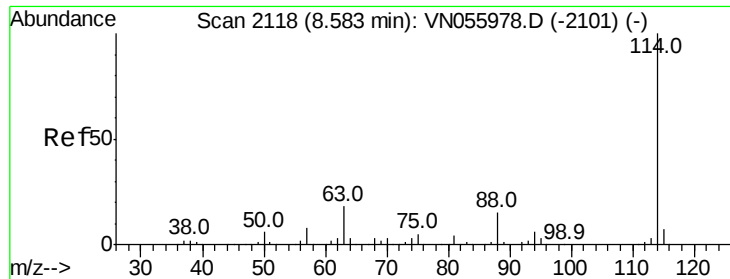
#33
1,2-Dichloroethane-d4
Concen: 50.588 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056139.D
Acq: 8 Jun 2019 9:07

Tgt Ion: 65 Resp: 161597
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.2



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

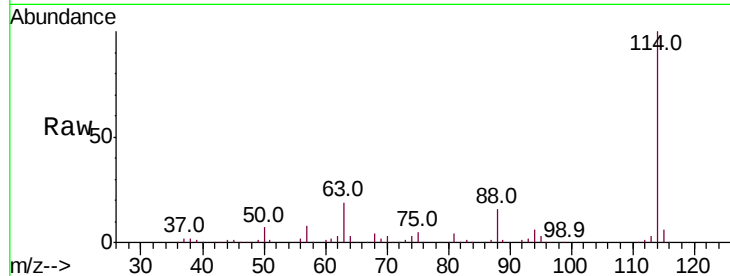




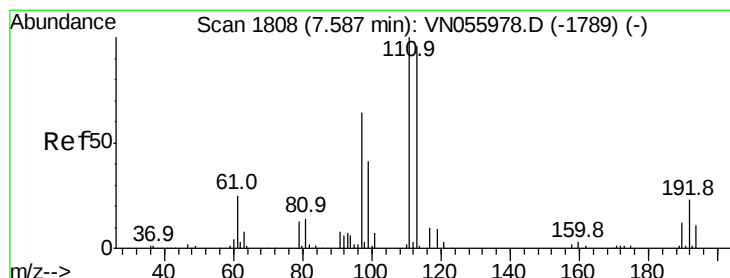
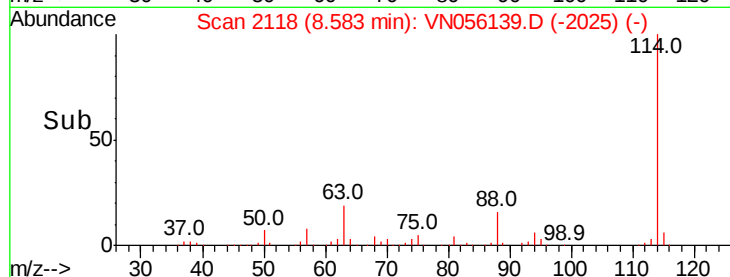
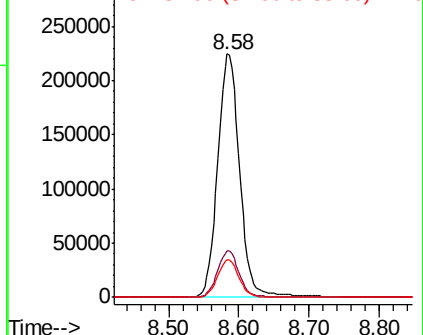
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056139.D
 Acq: 8 Jun 2019 9:07

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-060619-B

Tot Ion:114 Resp: 489312
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.6 0.0 31.0

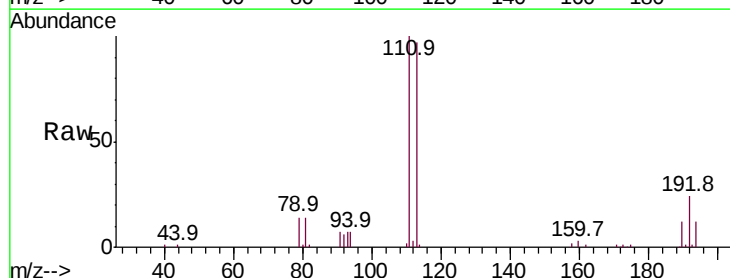


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

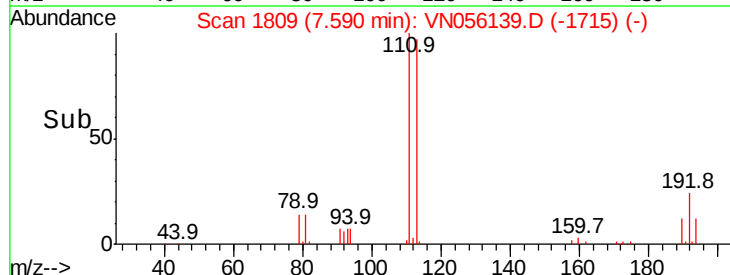
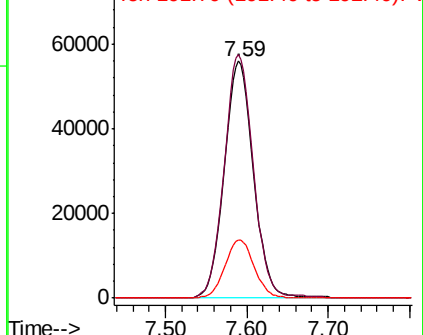


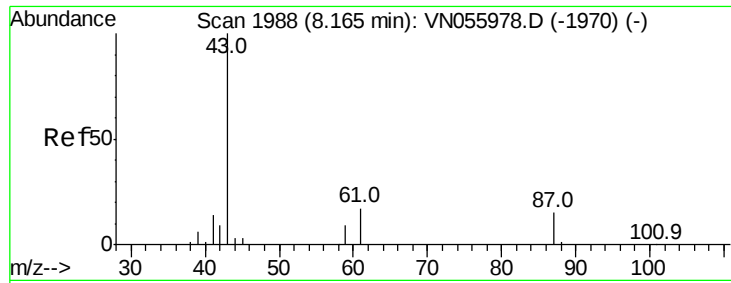
#35
 Dibromofluoromethane
 Concen: 46.962 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056139.D
 Acq: 8 Jun 2019 9:07

Tgt Ion:113 Resp: 140984
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 24.7 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: 1.428 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056139.D

Acq: 8 Jun 2019 9:07

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-B

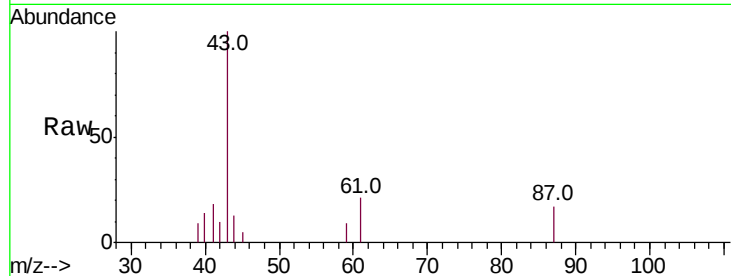
Tot Ion: 43 Resp: 8663

Ion Ratio Lower Upper

43 100

61 13.9 22.2 33.4#

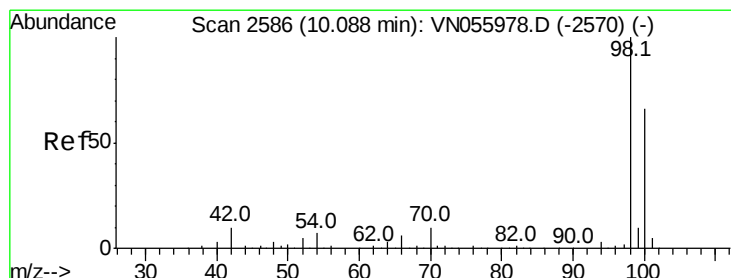
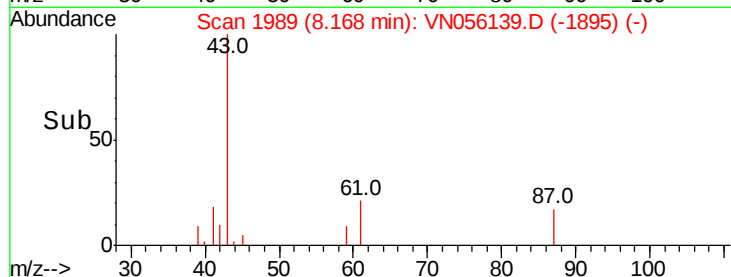
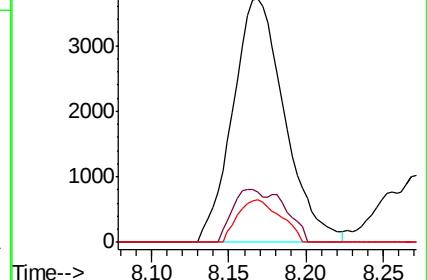
87 14.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#50

Toluene-d8

Concen: 51.803 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056139.D

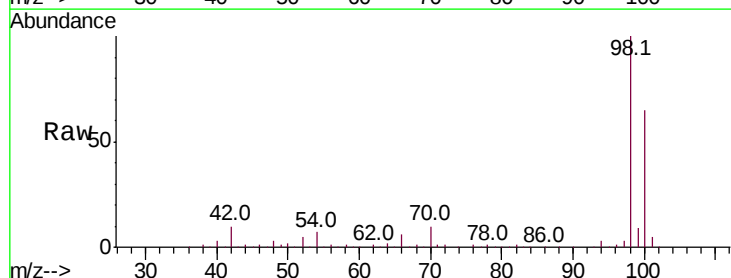
Acq: 8 Jun 2019 9:07

Tgt Ion: 98 Resp: 598431

Ion Ratio Lower Upper

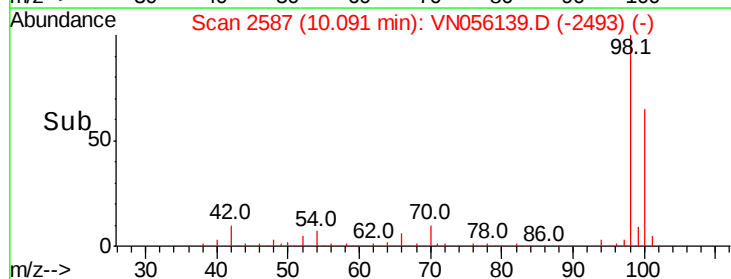
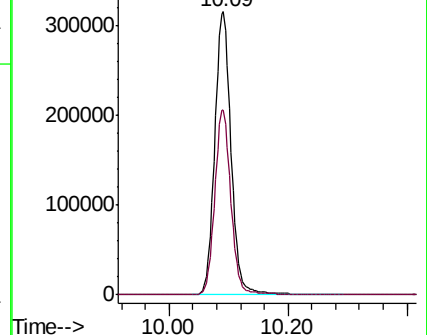
98 100

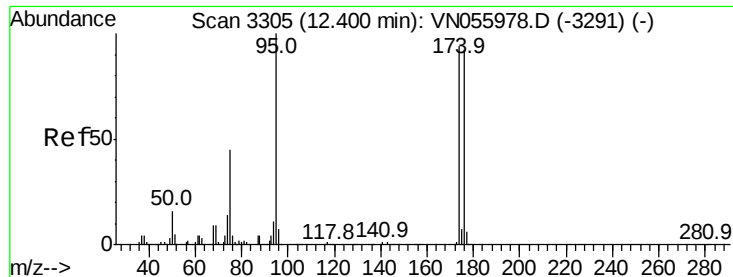
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 48.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056139.D

Acq: 8 Jun 2019 9:07

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-B

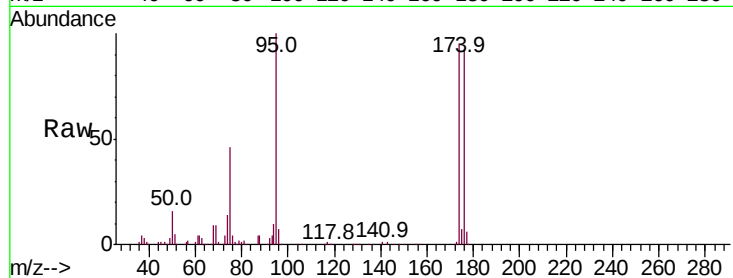
Tot Ion: 95 Resp: 191771

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

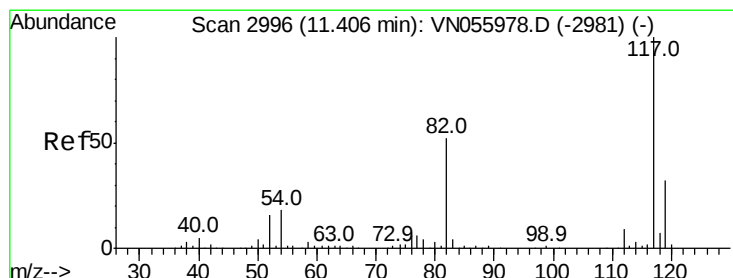
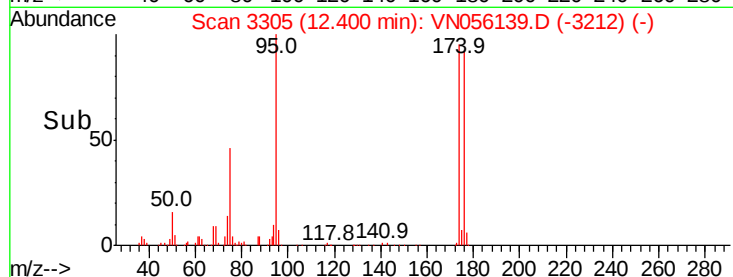
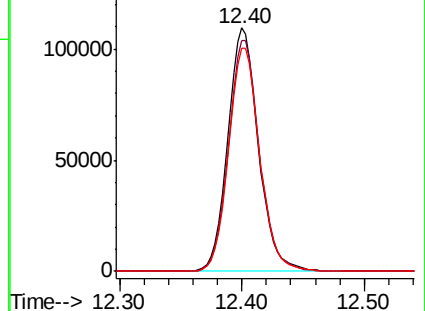
176 93.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056139.D

Acq: 8 Jun 2019 9:07

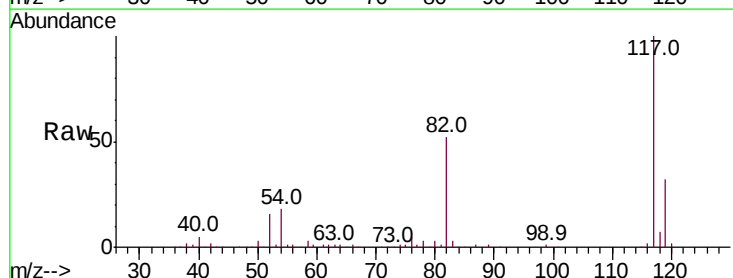
Tgt Ion: 117 Resp: 476943

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

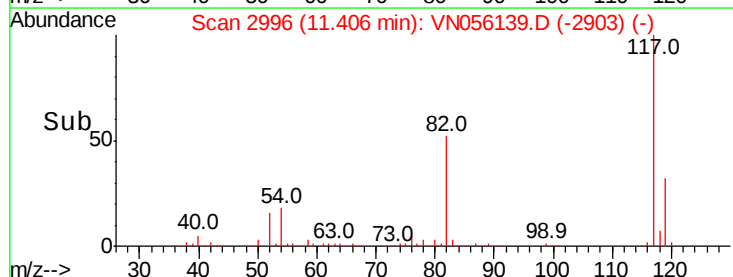
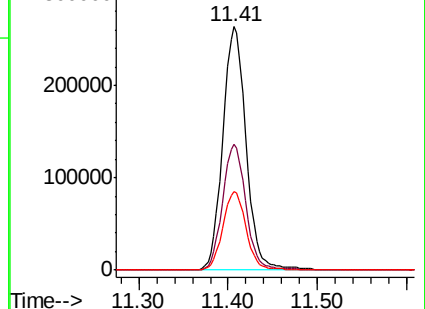
119 32.1 25.4 38.0

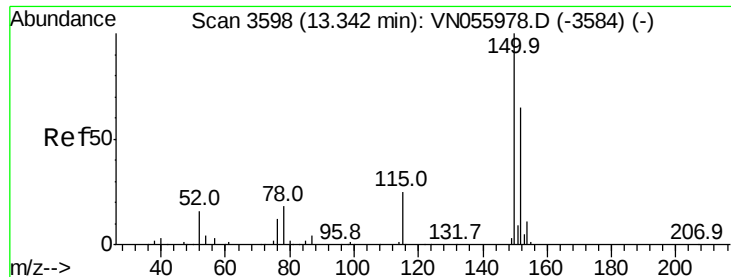


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.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: VN056139.D

Acq: 8 Jun 2019 9:07

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-B

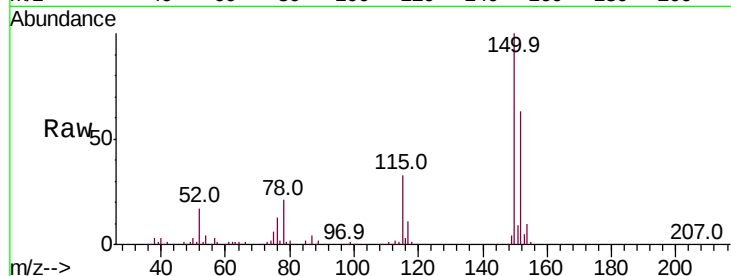
Tot Ion:152 Resp: 156535

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

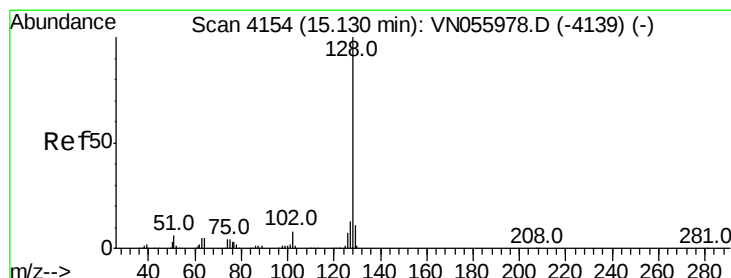
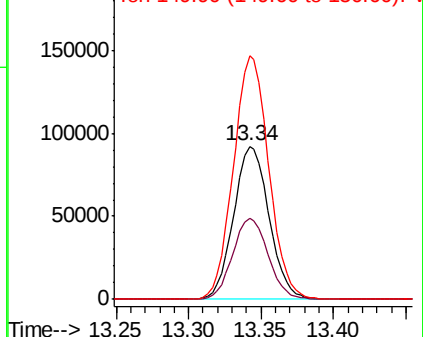
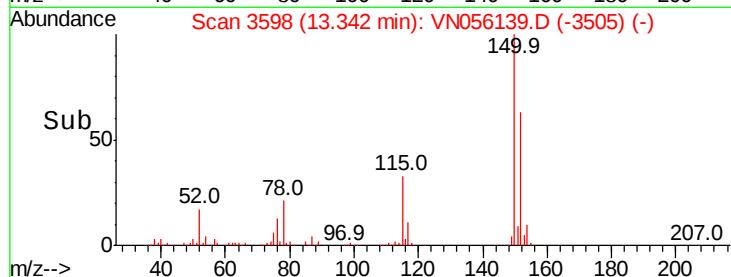
150 158.6 0.0 343.2



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: 5.665 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056139.D

Acq: 8 Jun 2019 9:07

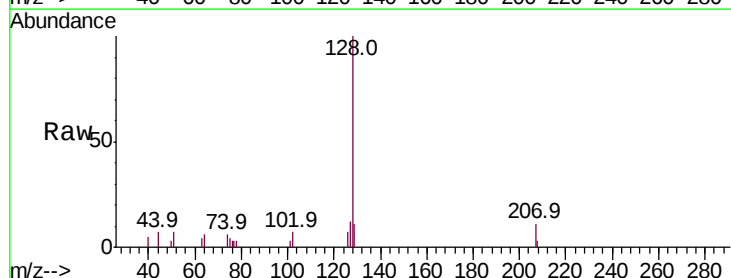
Tgt Ion:128 Resp: 14710

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.7 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

