

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056140.D
 Acq On : 8 Jun 2019 9:32
 Operator : JC/SP
 Sample : K3160-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 59 Sample Multiplier: 1

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

Quant Time: Jun 10 02:13:51 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

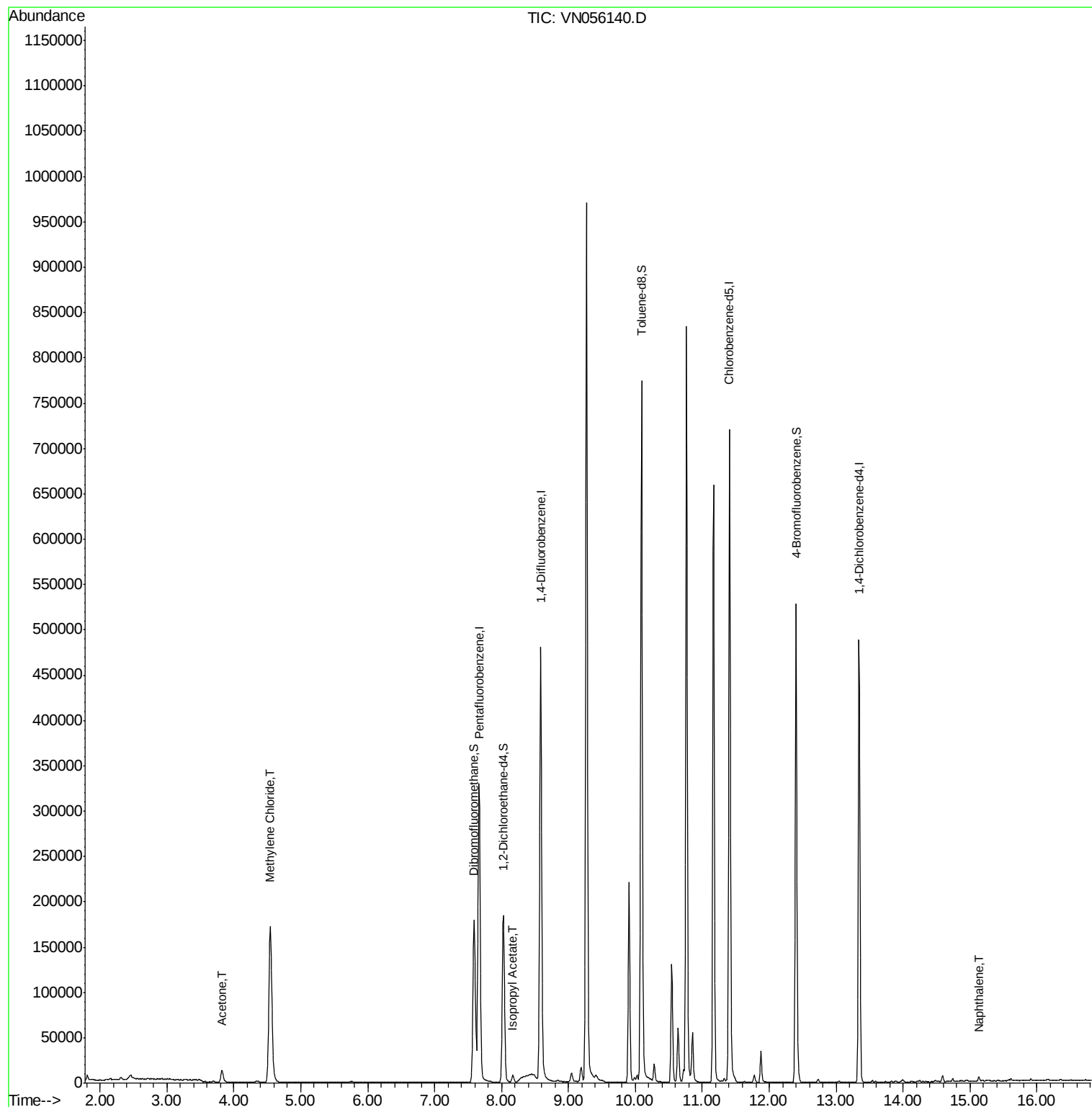
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	479270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	157413	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	7.59	113	137411	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
50) Toluene-d8	10.09	98	581297	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.40	95	188308	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
Target Compounds						
16) Acetone	3.82	43	22125	14.928	ug/l	96
20) Methylene Chloride	4.54	84	142130	46.548	ug/l	97
43) Isopropyl Acetate	8.17	43	9493	1.598	ug/l #	89
95) Naphthalene	15.13	128	5347	4.524	ug/l #	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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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: VN056140.D

Acq: 8 Jun 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

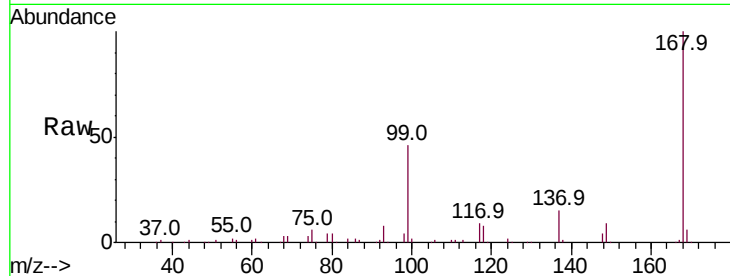
EO-02-060619-C

Tot Ion:168 Resp: 312094

Ion Ratio Lower Upper

168 100

99 46.0 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

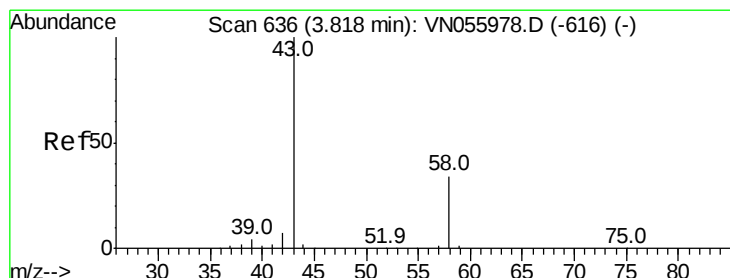
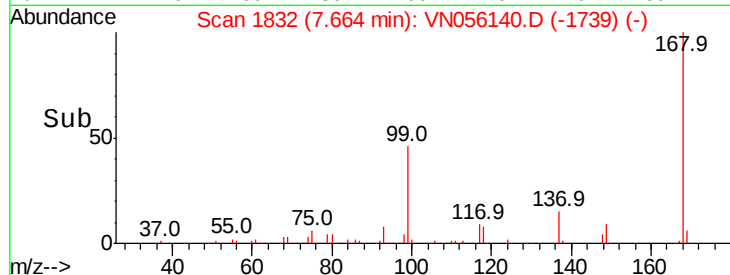
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 14.928 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056140.D

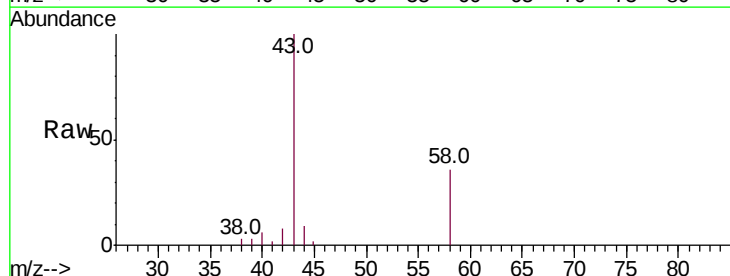
Acq: 8 Jun 2019 9:32

Tgt Ion: 43 Resp: 22125

Ion Ratio Lower Upper

43 100

58 35.6 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

10000

8000

6000

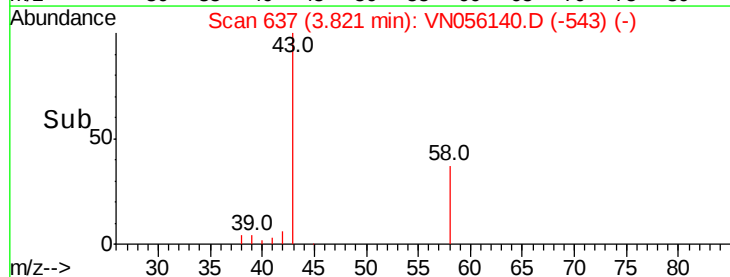
4000

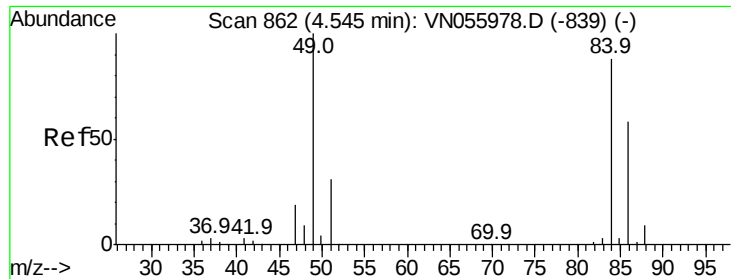
2000

0

3.75 3.80 3.85 3.90

Time-->



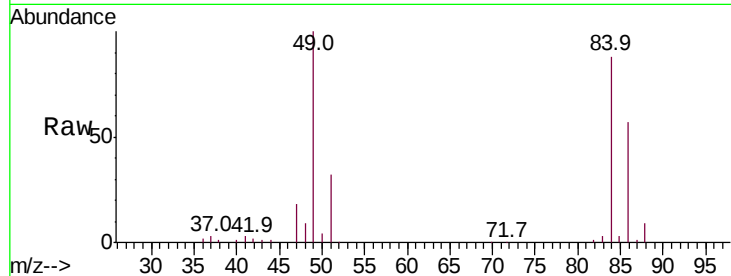


#20
Methvlene Chloride
Concen: 46.548 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056140.D
Acq: 8 Jun 2019 9:32

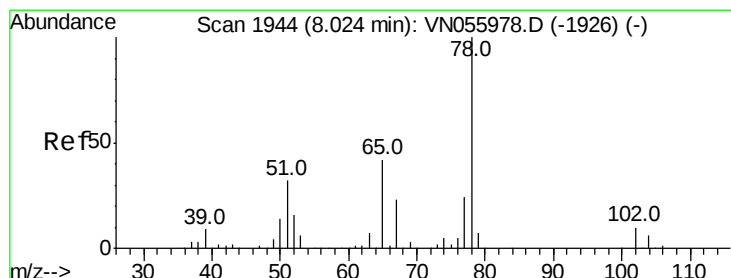
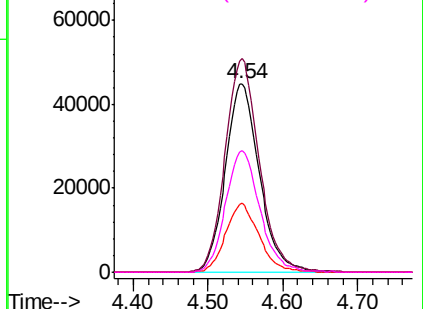
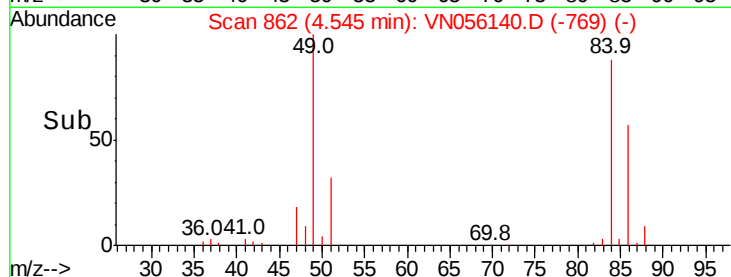
Instrument :
MSVOA_N
ClientSampleId :
EO-02-060619-C

Tot Ion: 84 Resp: 142130

Ion	Ratio	Lower	Upper
84	100		
49	113.1	93.5	140.3
51	36.4	28.6	43.0
86	64.3	52.6	79.0



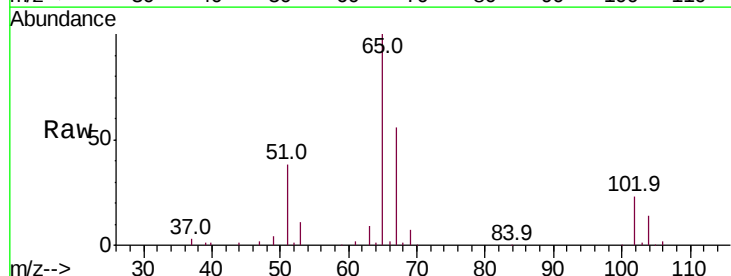
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



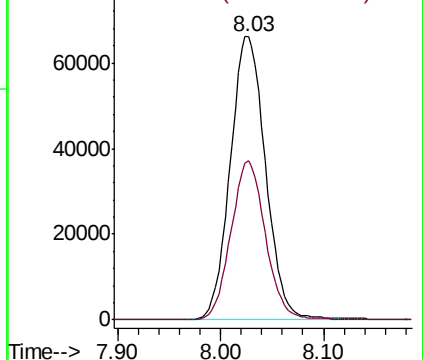
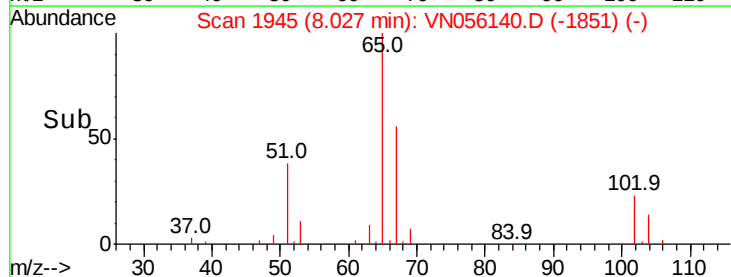
#33
1,2-Dichloroethane-d4
Concen: 50.798 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056140.D
Acq: 8 Jun 2019 9:32

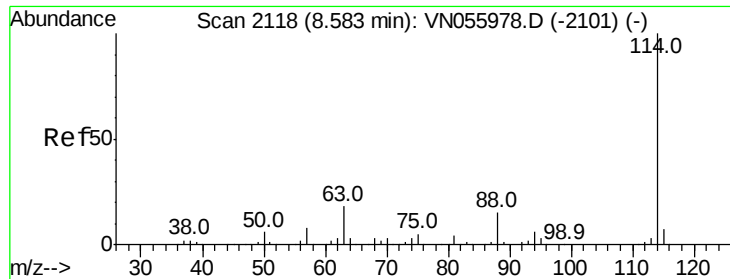
Tgt Ion: 65 Resp: 157413

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.2



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

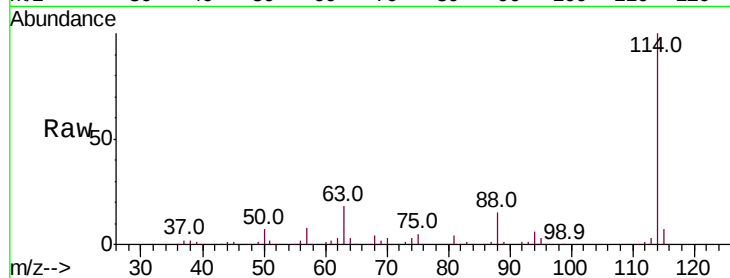




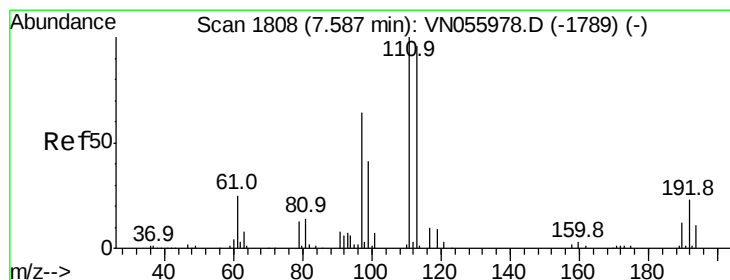
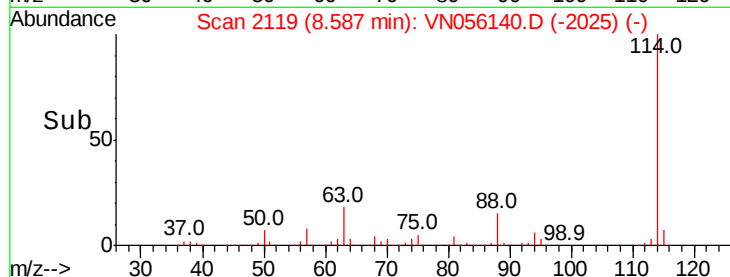
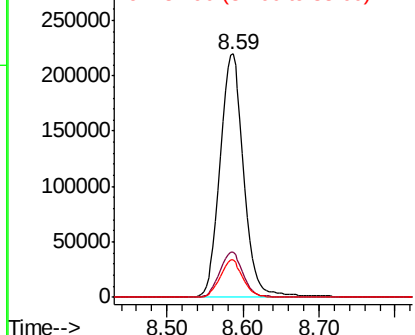
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056140.D
 Acq: 8 Jun 2019 9:32

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

Tot Ion:114 Resp: 479270
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.2 0.0 31.0

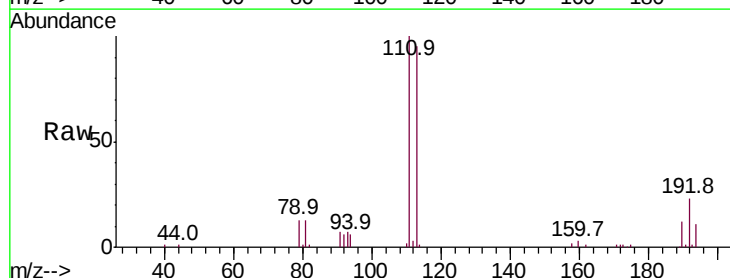


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

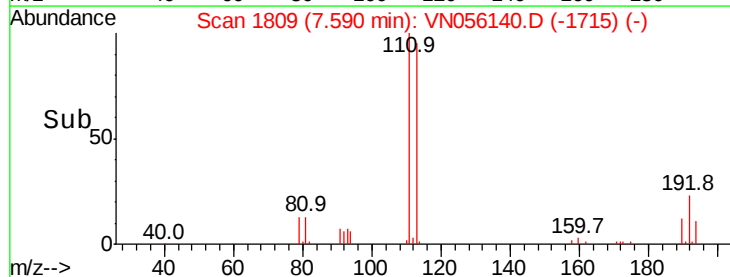
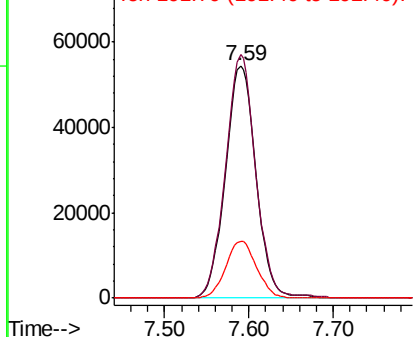


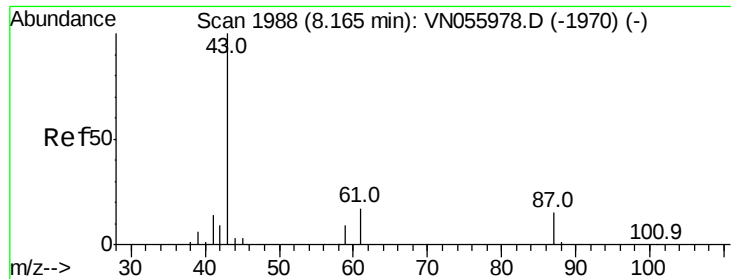
#35
 Dibromofluoromethane
 Concen: 46.731 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056140.D
 Acq: 8 Jun 2019 9:32

Tgt Ion:113 Resp: 137411
 Ion Ratio Lower Upper
 113 100
 111 102.5 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: 1.598 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056140.D

Acq: 8 Jun 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-C

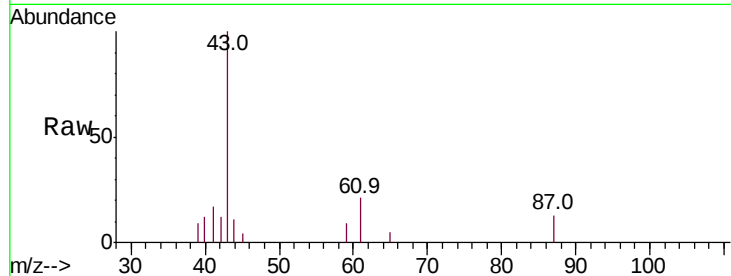
Tot Ion: 43 Resp: 9493

Ion Ratio Lower Upper

43 100

61 20.1 22.2 33.4#

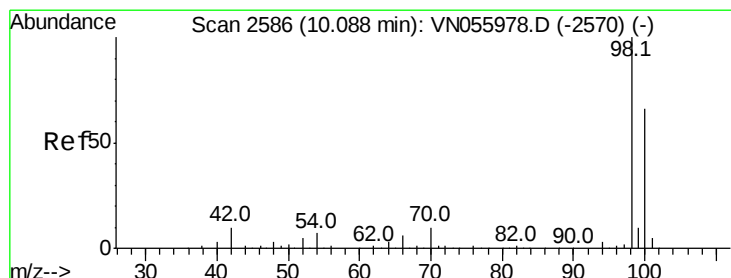
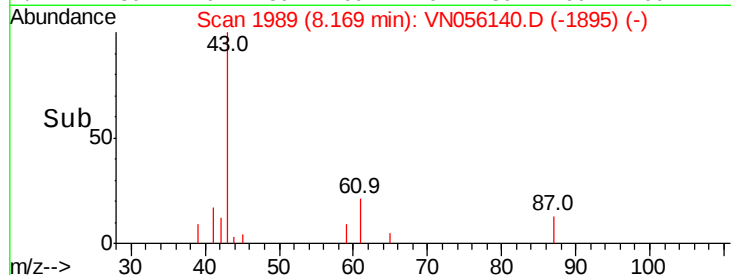
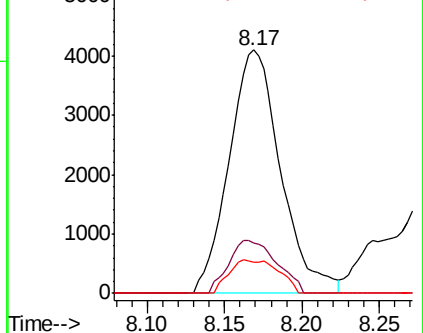
87 13.1 11.4 17.2



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: 51.374 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056140.D

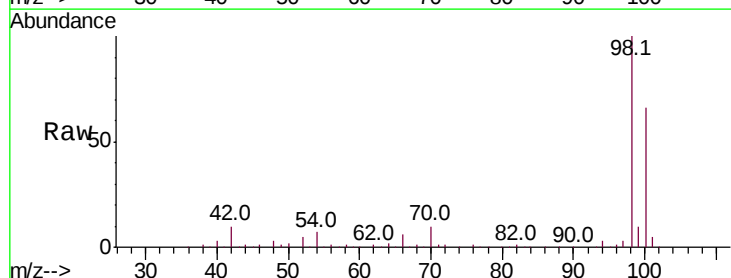
Acq: 8 Jun 2019 9:32

Tgt Ion: 98 Resp: 581297

Ion Ratio Lower Upper

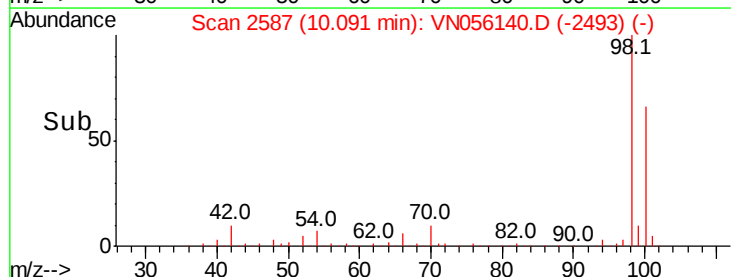
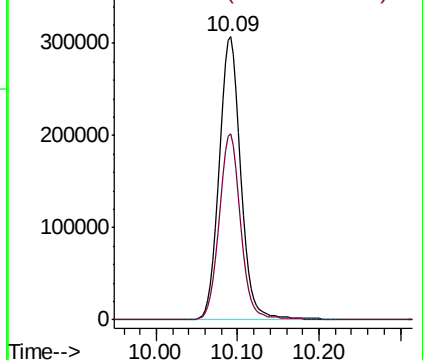
98 100

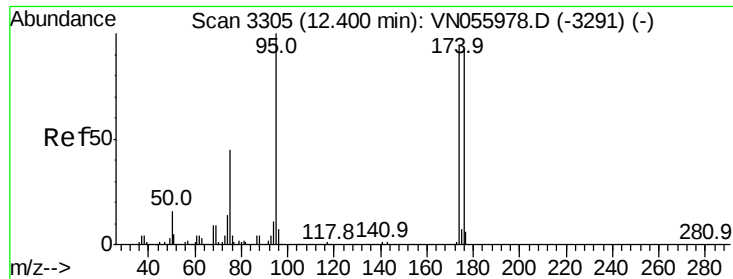
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

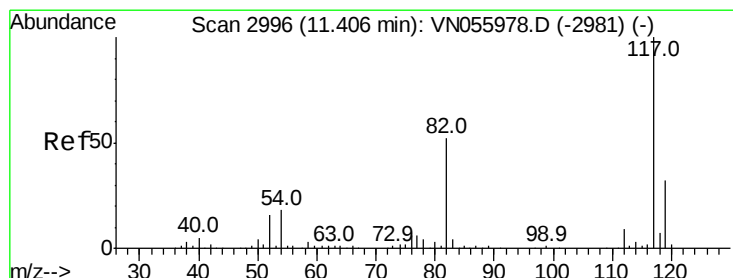
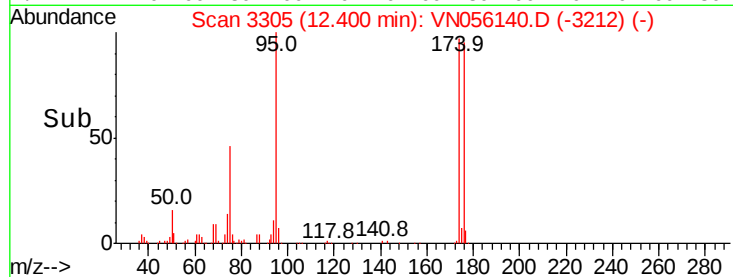
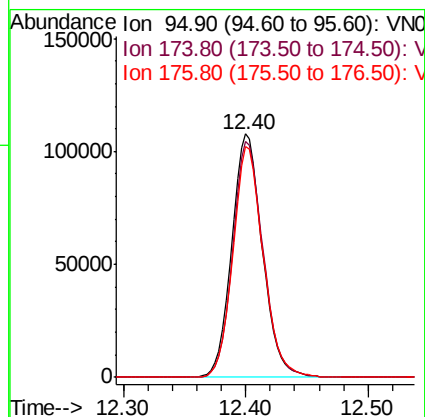
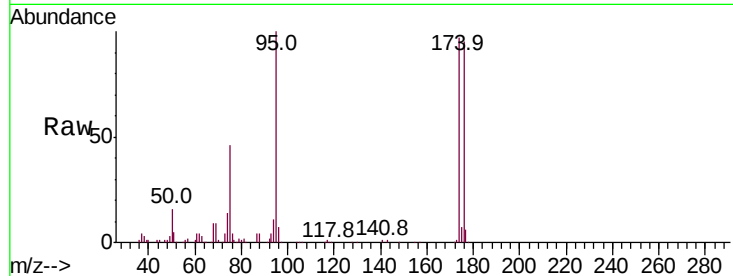




#62
4-Bromofluorobenzene
Concen: 48.937 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056140.D
Acq: 8 Jun 2019 9:32

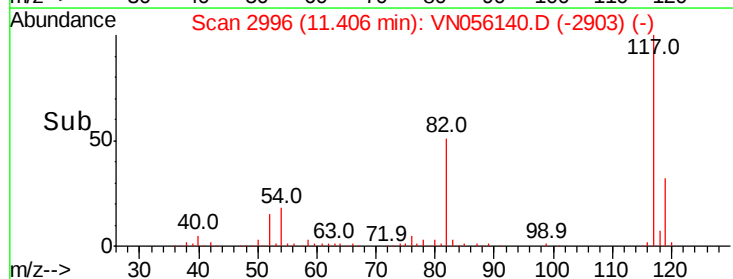
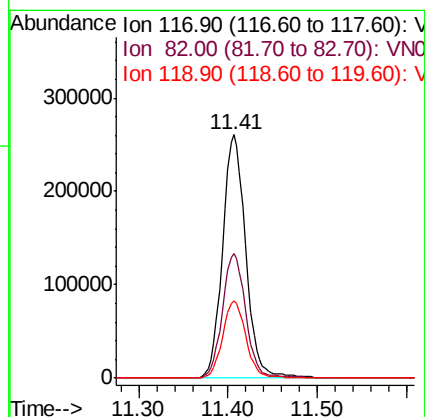
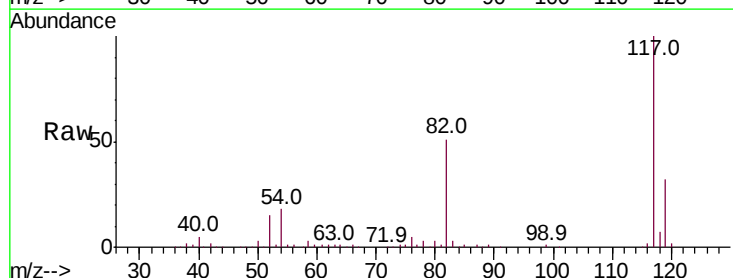
Instrument :
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EO-02-060619-C

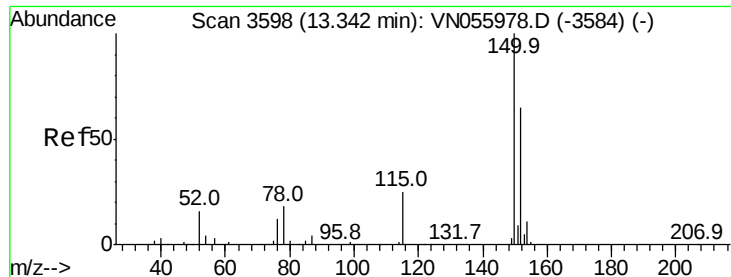
Tot Ion	95	Resp	188308
Ion Ratio	Lower	Upper	
95	100		
174	96.2	0.0	191.0
176	93.6	0.0	185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056140.D
Acq: 8 Jun 2019 9:32

Tgt Ion	117	Resp	469234
Ion Ratio	Lower	Upper	
117	100		
82	50.9	41.8	62.8
119	31.6	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: VN056140.D

Acq: 8 Jun 2019 9:32

Instrument :

MSVOA_N

ClientSampled :

EO-02-060619-C

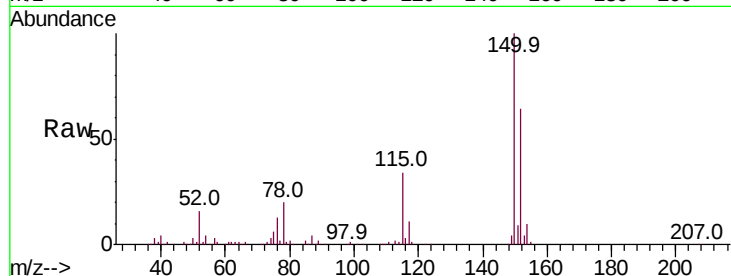
Tot Ion:152 Resp: 153303

Ion Ratio Lower Upper

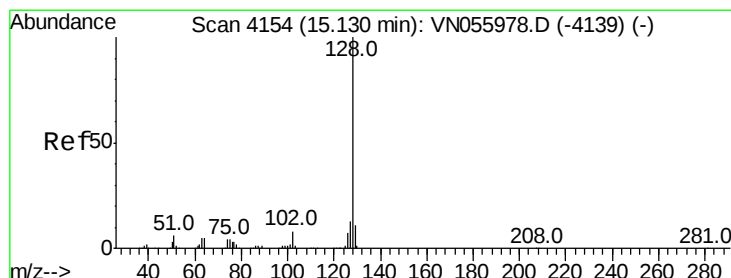
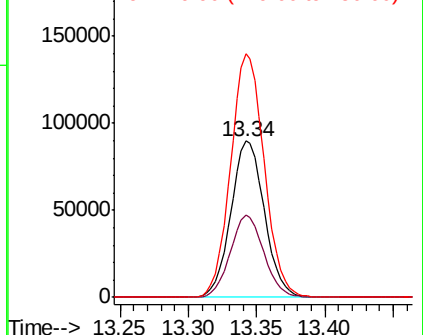
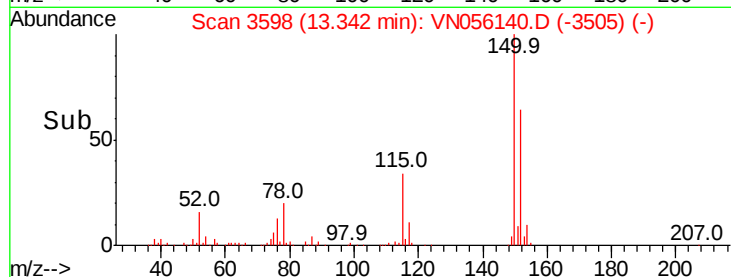
152 100

115 52.6 27.0 81.0

150 156.0 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



#95

Naphthalene

Concen: 4.524 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056140.D

Acq: 8 Jun 2019 9:32

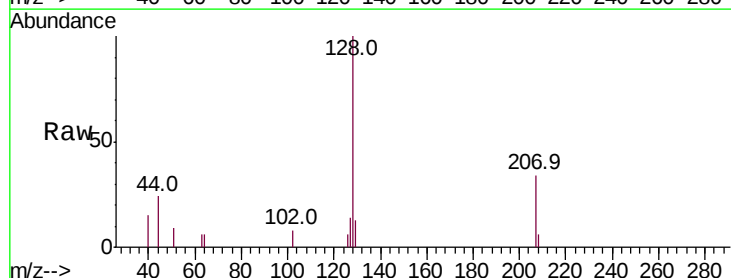
Tgt Ion:128 Resp: 5347

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 8.7 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

