

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058176.D
 Acq On : 18 Sep 2019 20:34
 Operator : JC/SP
 Sample : K4669-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-091719

Quant Time: Sep 19 16:54:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

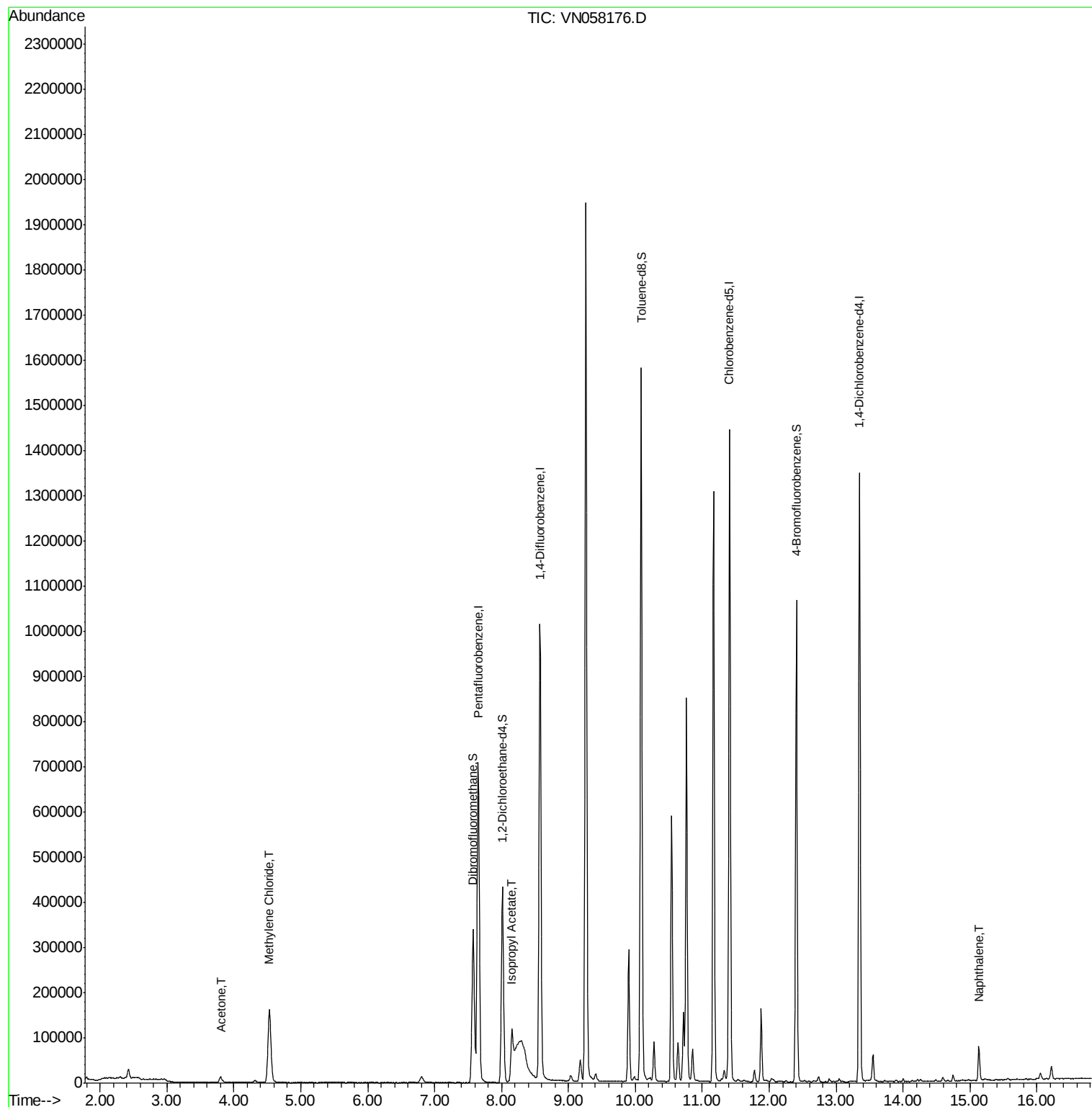
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	547098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	889612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	377128	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	7.58	113	256666	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	10.09	98	1065985	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.41	95	358996	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
16) Acetone	3.80	43	23529	9.097	ug/l	92
20) Methylene Chloride	4.53	84	119125	26.200	ug/l	98
43) Isopropyl Acetate	8.15	43	153918	12.379	ug/l #	84
95) Naphthalene	15.13	128	60277	3.760	ug/l	99

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

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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058176.D

Acq: 18 Sep 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

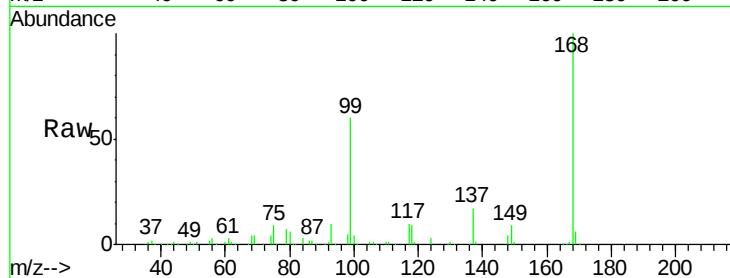
TR-04-091719

Tot Ion:168 Resp: 547098

Ion Ratio Lower Upper

168 100

99 59.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

150000

100000

50000

0

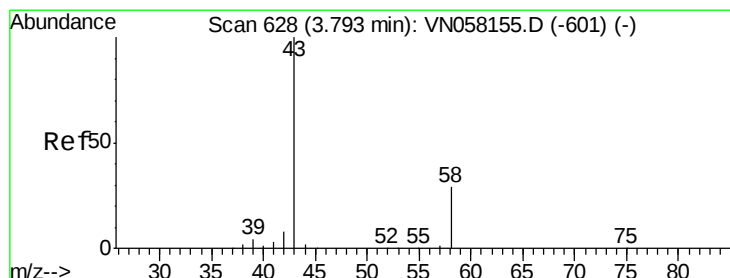
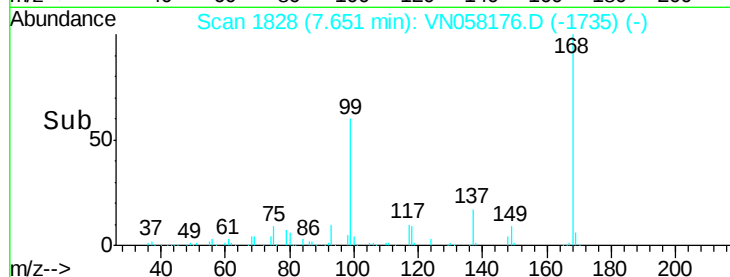
Time-->

7.50

7.60

7.70

7.80



#16

Acetone

Concen: 9.097 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058176.D

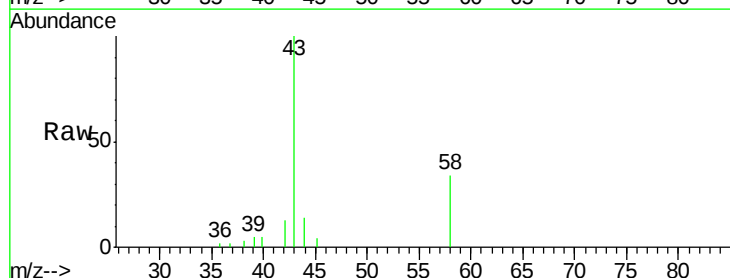
Acq: 18 Sep 2019 20:34

Tgt Ion: 43 Resp: 23529

Ion Ratio Lower Upper

43 100

58 33.8 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

8000

6000

4000

2000

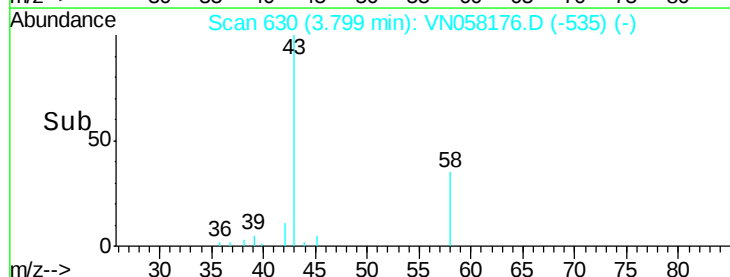
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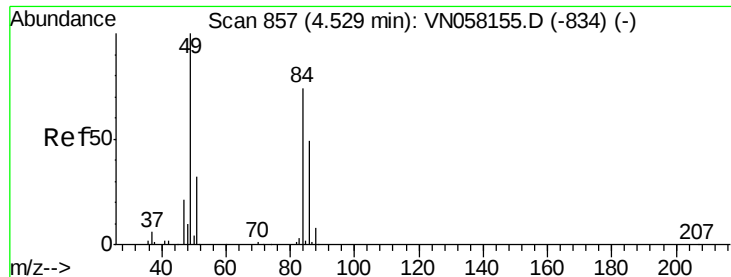
Time-->

3.70

3.80

3.90

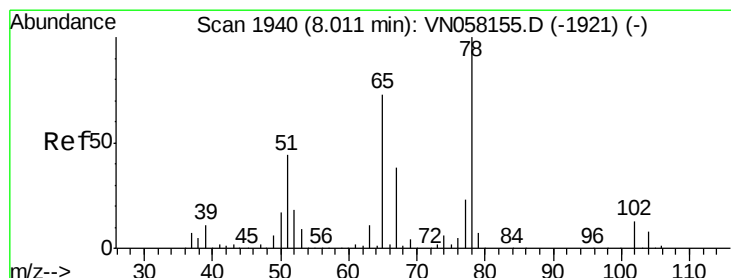
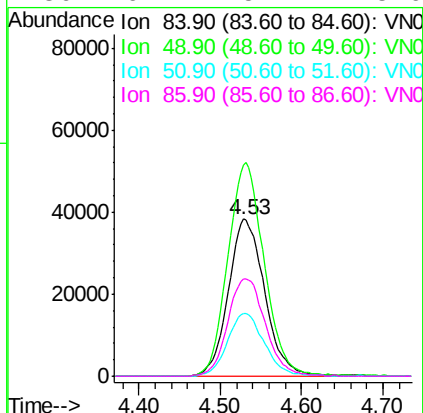
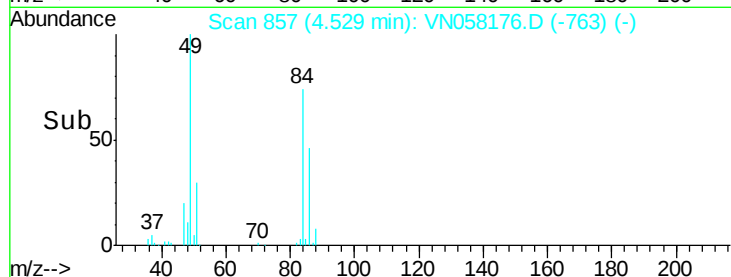
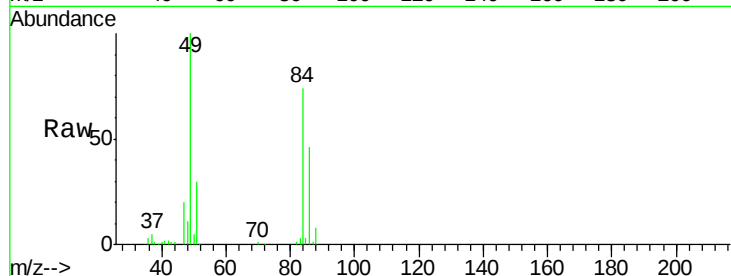




#20
Methylene Chloride
Concen: 26.200 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058176.D
Acq: 18 Sep 2019 20:34

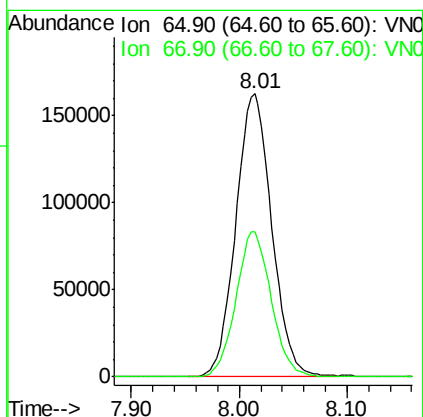
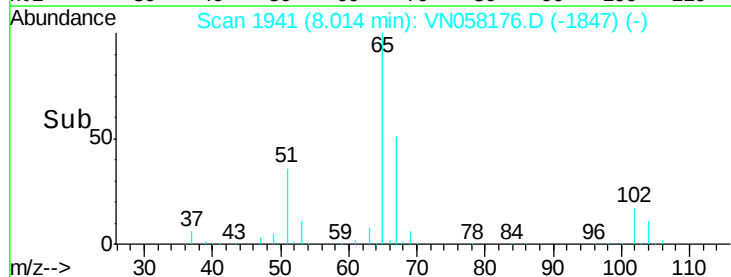
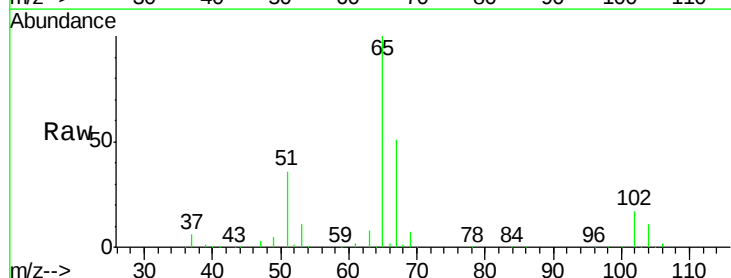
Instrument :
MSVOA_N
ClientSampleId :
TR-04-091719

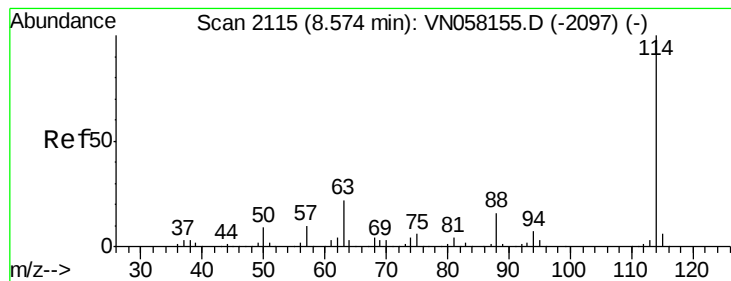
Tot Ion: 84 Resp: 119125
Ion Ratio Lower Upper
84 100
49 134.4 107.5 161.3
51 40.2 33.9 50.9
86 61.7 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 49.492 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058176.D
Acq: 18 Sep 2019 20:34

Tgt Ion: 65 Resp: 377128
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058176.D

Acq: 18 Sep 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

TR-04-091719

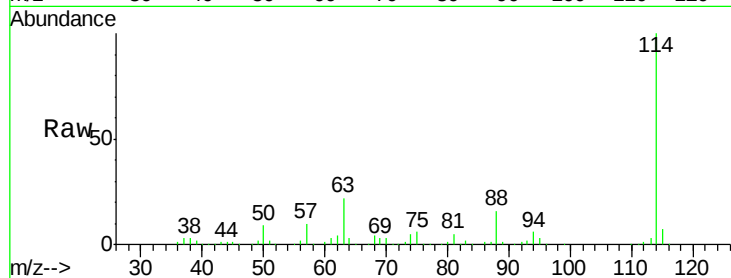
Tot Ion:114 Resp: 889612

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

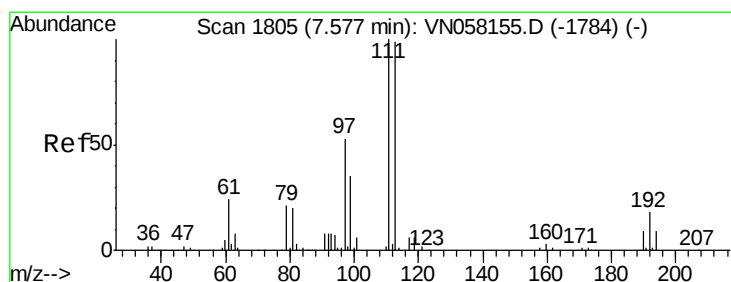
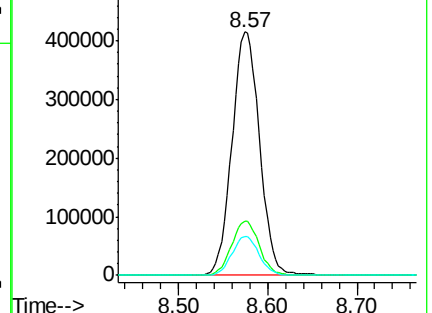
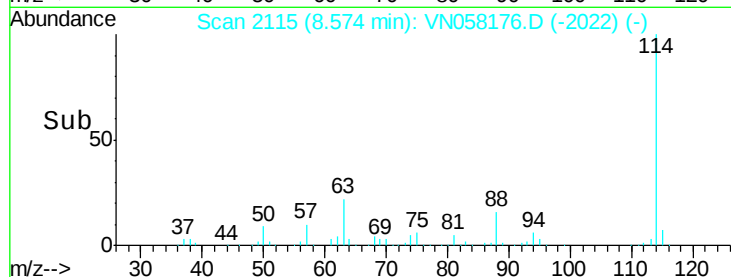
88 16.0 0.0 31.6



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: 47.459 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058176.D

Acq: 18 Sep 2019 20:34

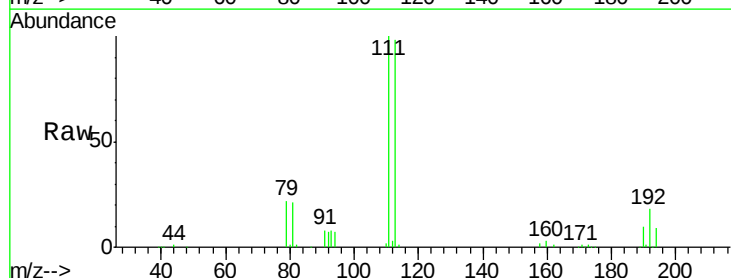
Tgt Ion:113 Resp: 256666

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

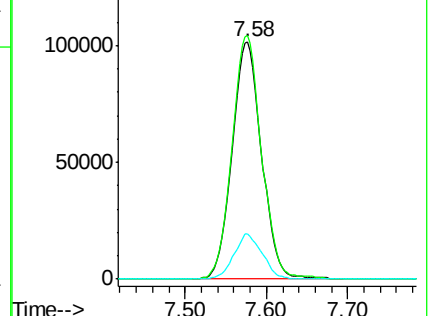
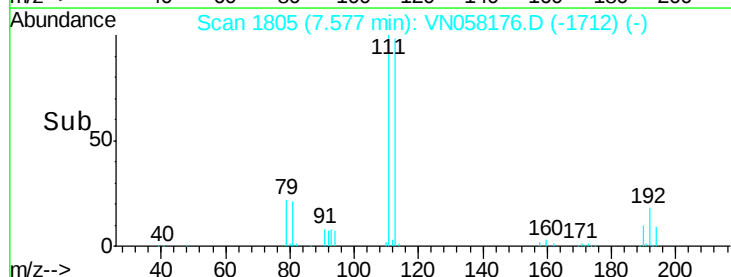
192 18.3 14.5 21.7

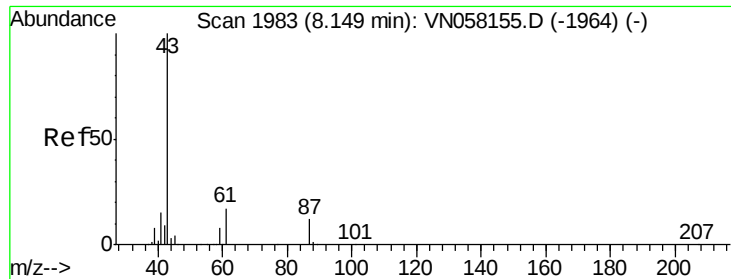


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

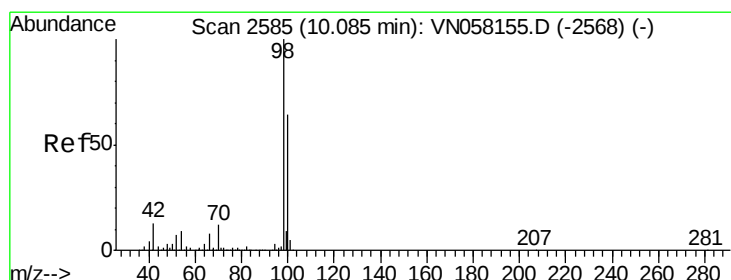
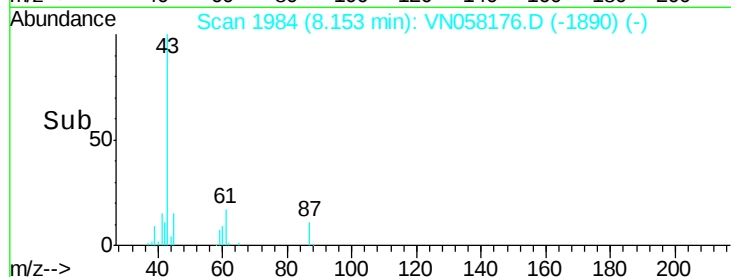
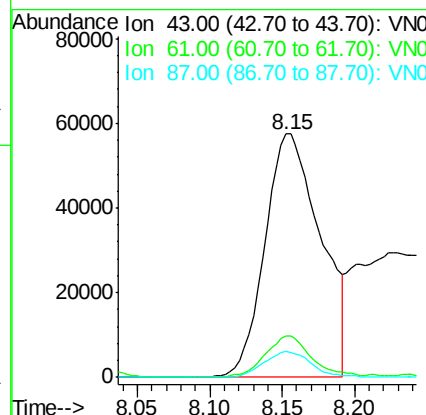
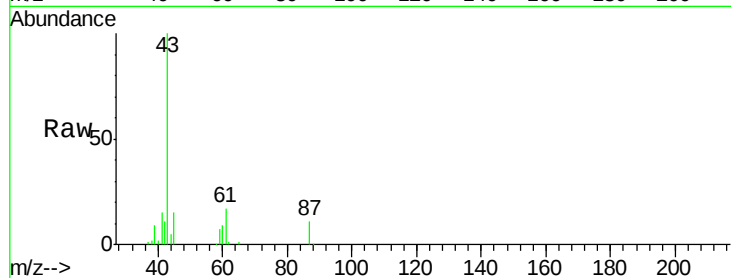




#43
Isopropyl Acetate
Concen: 12.379 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058176.D
Acq: 18 Sep 2019 20:34

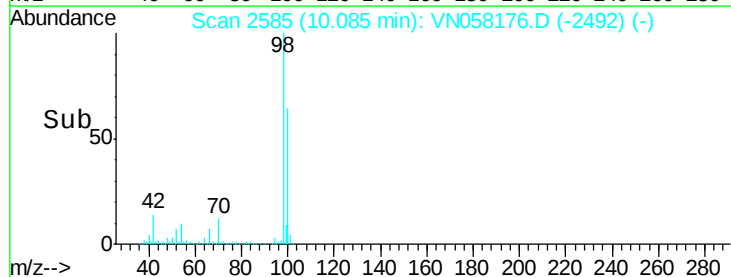
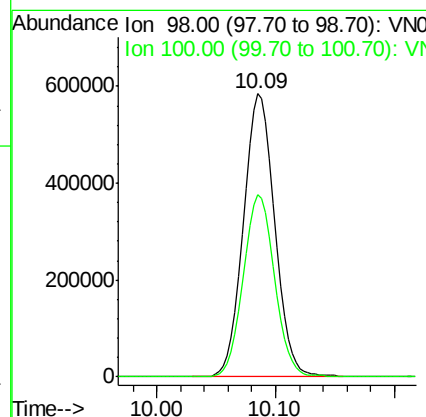
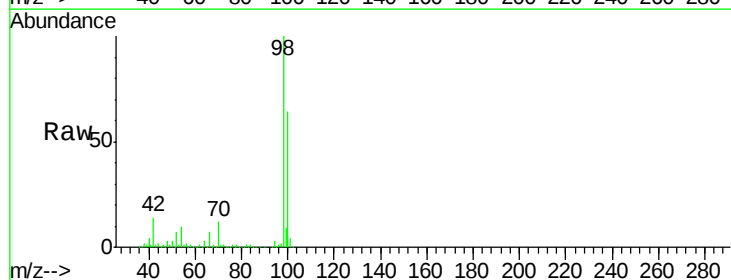
Instrument :
MSVOA_N
ClientSampleId :
TR-04-091719

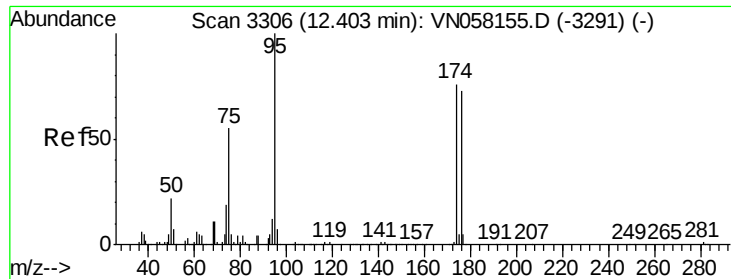
Tot Ion: 43 Resp: 153918
Ion Ratio Lower Upper
43 100
61 14.3 19.7 29.5#
87 8.9 9.4 14.2#



#50
Toluene-d8
Concen: 50.590 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058176.D
Acq: 18 Sep 2019 20:34

Tgt Ion: 98 Resp: 1065985
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7

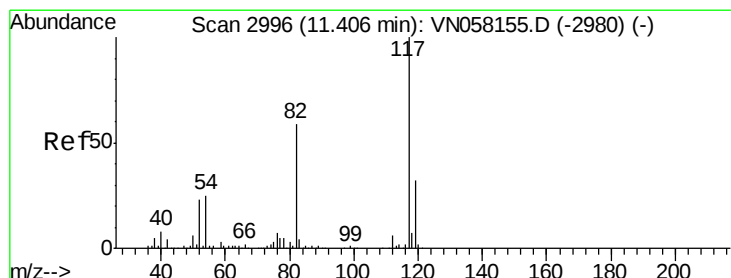
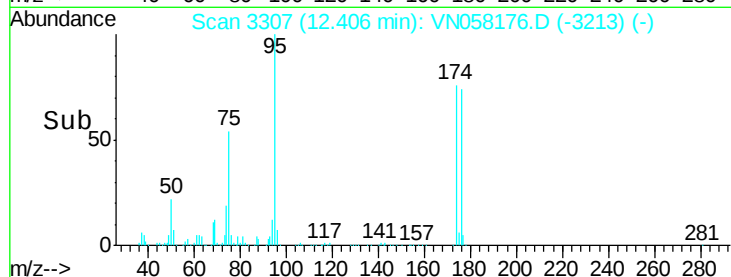
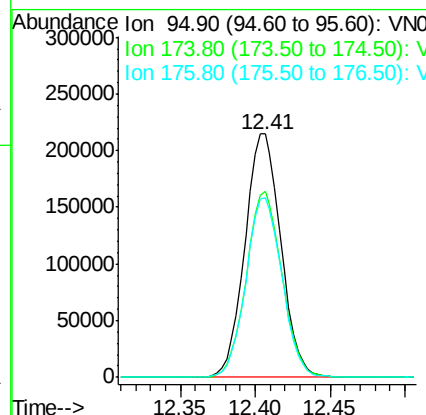
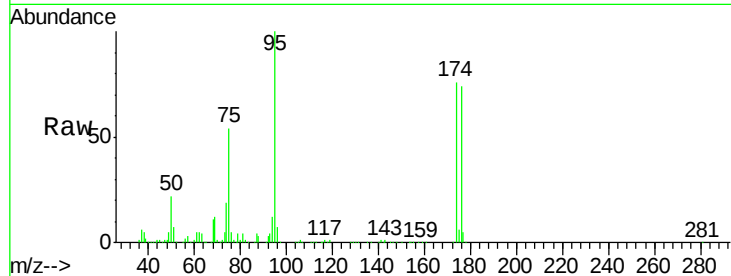




#62
4-Bromofluorobenzene
Concen: 45.866 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058176.D
Acq: 18 Sep 2019 20:34

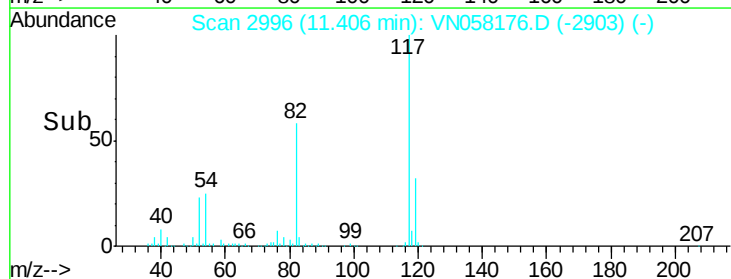
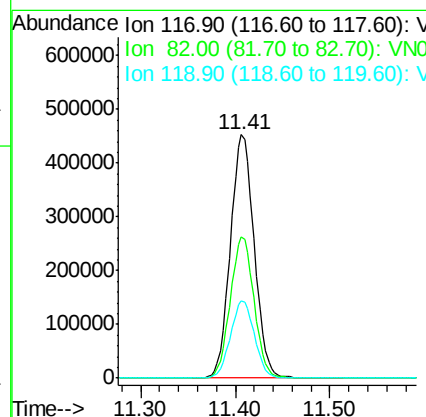
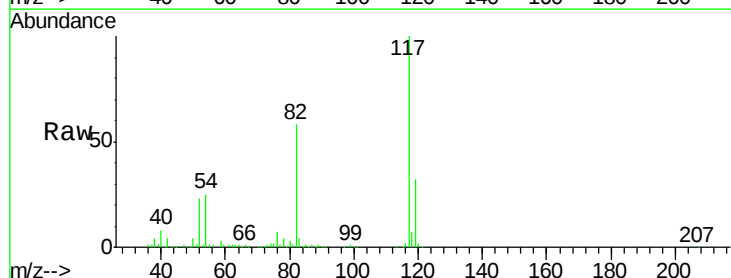
Instrument :
MSVOA_N
ClientSampleId :
TR-04-091719

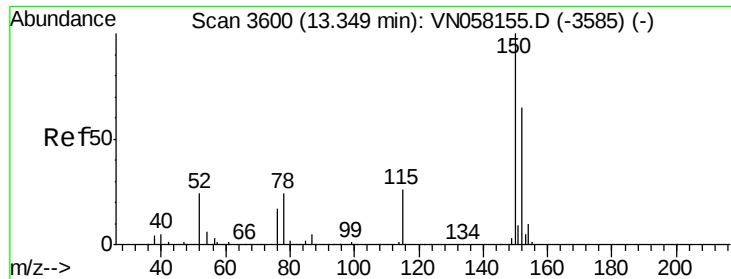
Tot Ion	95	Resp	358996
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	152.2
176	73.9	0.0	148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058176.D
Acq: 18 Sep 2019 20:34

Tgt Ion	117	Resp	791278
Ion Ratio	Lower	Upper	
117	100		
82	58.1	46.9	70.3
119	31.8	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058176.D

Acq: 18 Sep 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

TR-04-091719

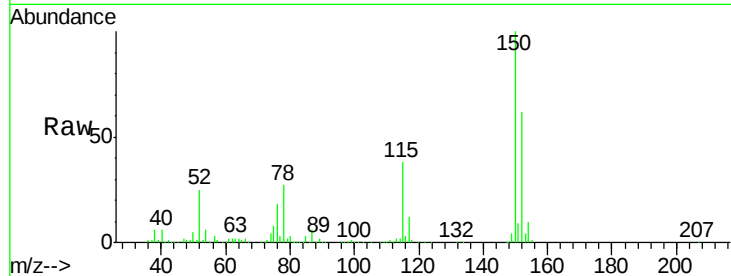
Tot Ion:152 Resp: 335591

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

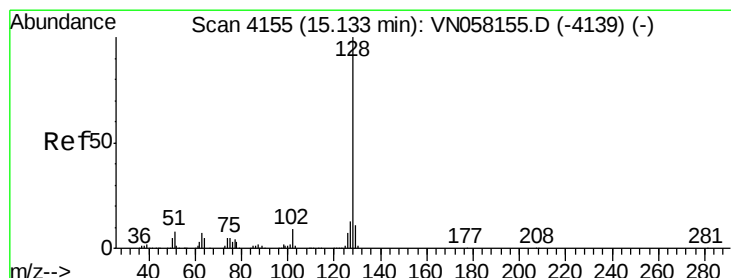
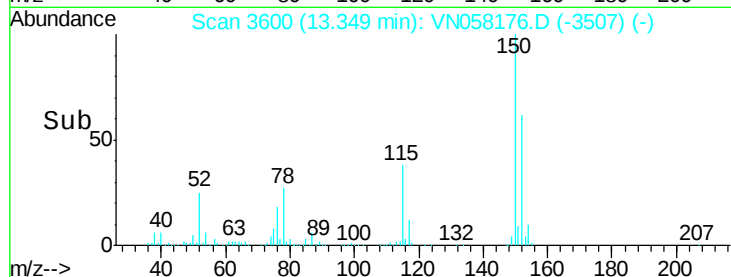
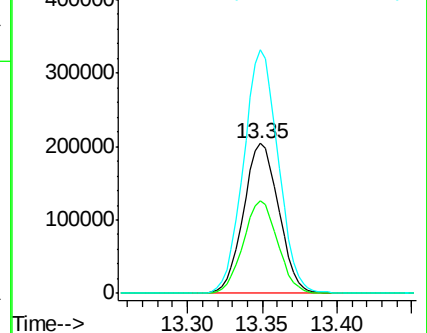
150 160.4 0.0 346.4



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



#95

Naphthalene

Concen: 3.760 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058176.D

Acq: 18 Sep 2019 20:34

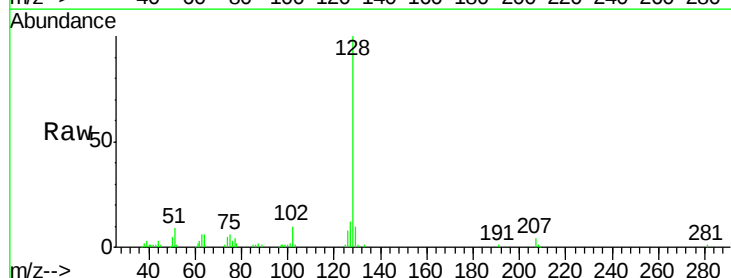
Tgt Ion:128 Resp: 60277

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.1 8.6 12.8



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

