

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059267.D
 Acq On : 15 Nov 2019 15:42
 Operator : JC/SP
 Sample : K5671-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-111419

Quant Time: Nov 16 02:01:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

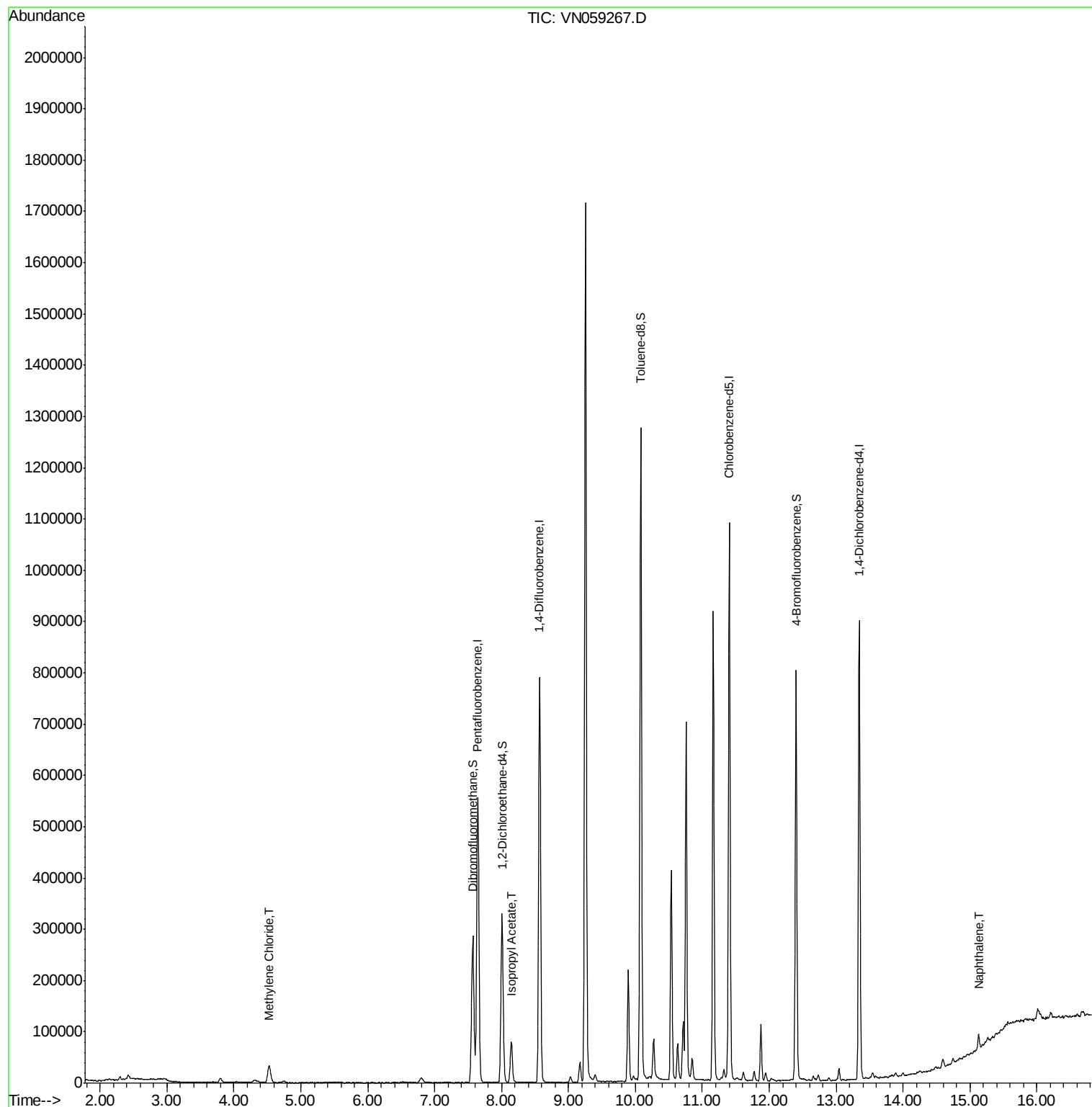
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	719980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	649591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	247272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	286674	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.57	113	221690	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.08	98	895580	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.40	95	291670	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
Target Compounds						
20) Methylene Chloride	4.53	84	25902	4.941	ug/l	97
43) Isopropyl Acetate	8.15	43	95757	8.023	ug/l #	92
95) Naphthalene	15.13	128	23113	4.739	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

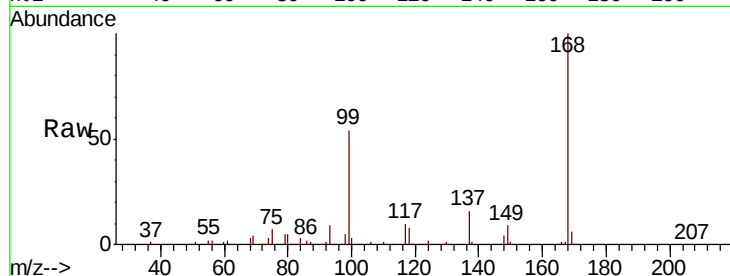
OR-03-111419

Tot Ion:168 Resp: 470724

Ion Ratio Lower Upper

168 100

99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

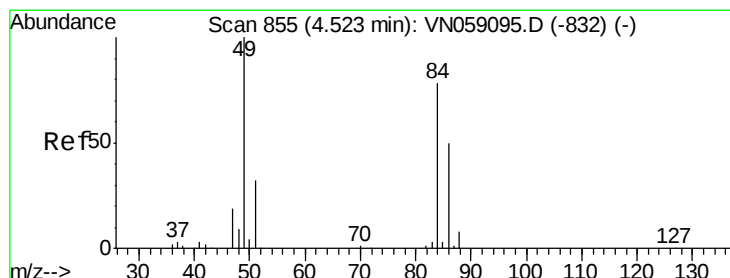
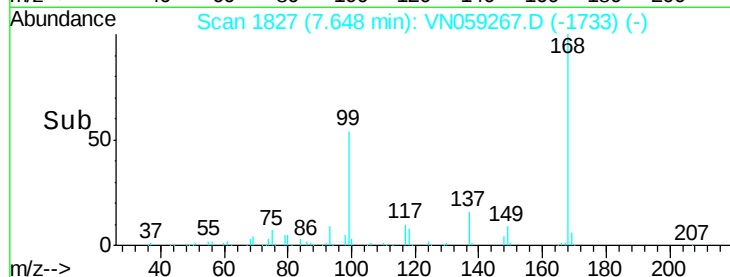
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 4.941 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

Tgt Ion: 84 Resp: 25902

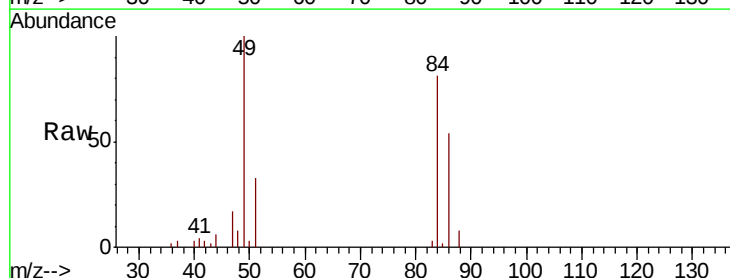
Ion Ratio Lower Upper

84 100

49 123.0 102.0 153.0

51 40.5 32.2 48.2

86 66.9 50.7 76.1



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

15000

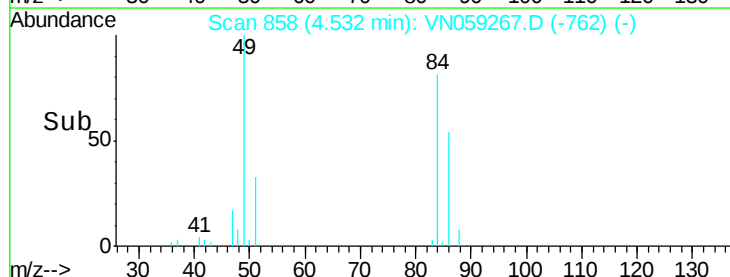
10000

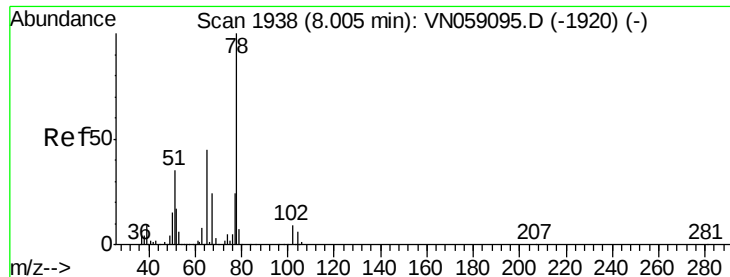
5000

0

4.40 4.50 4.60

Time-->

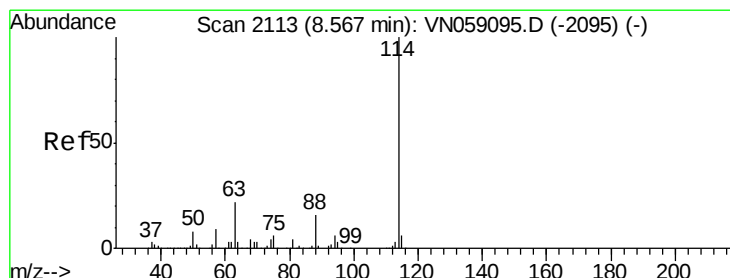
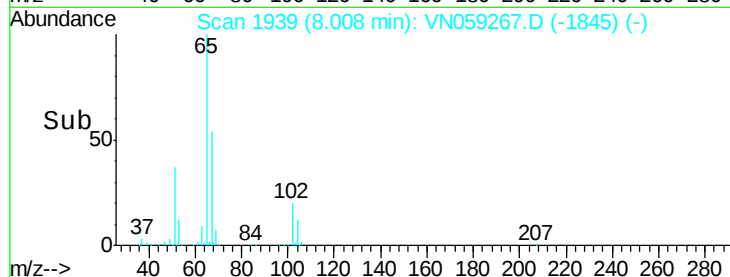
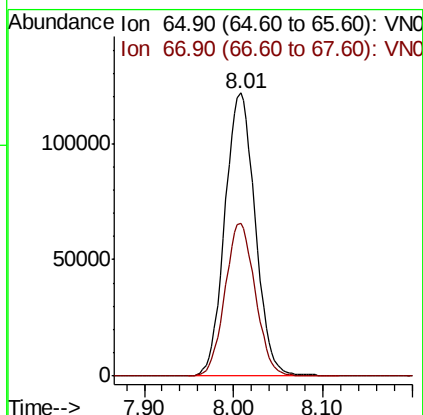
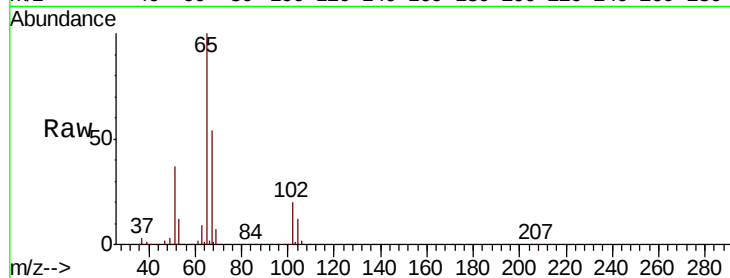




#33
 1,2-Dichloroethane-d4
 Concen: 49.543 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059267.D
 Acq: 15 Nov 2019 15:42

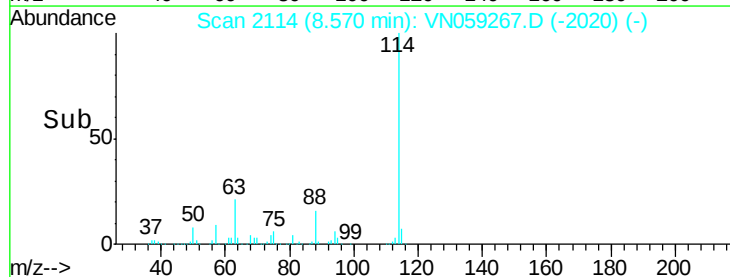
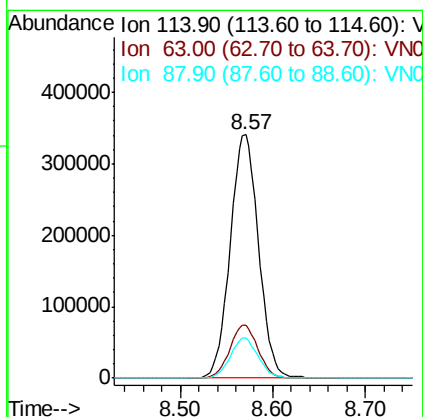
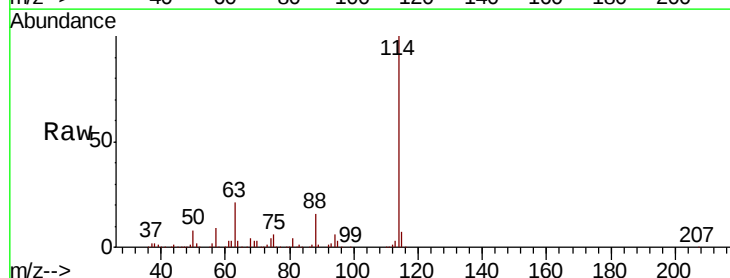
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-111419

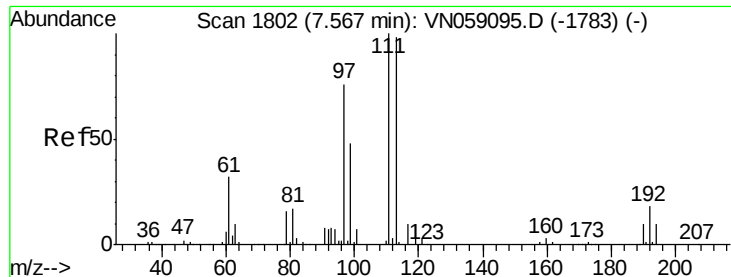
Tot Ion: 65 Resp: 286674
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059267.D
 Acq: 15 Nov 2019 15:42

Tgt Ion: 114 Resp: 719980
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.5 0.0 32.2

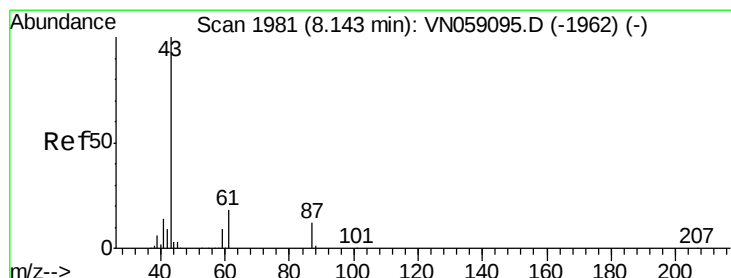
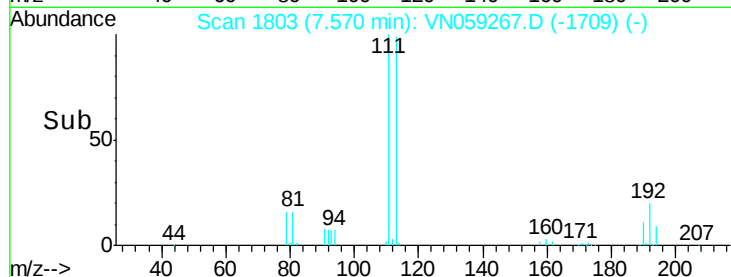
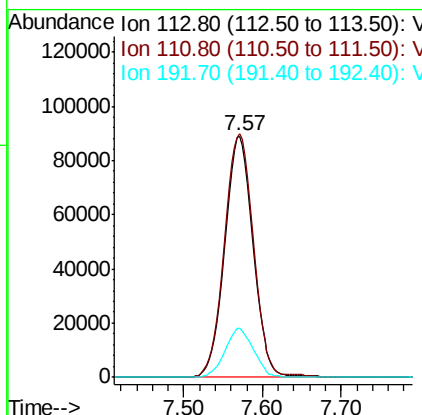
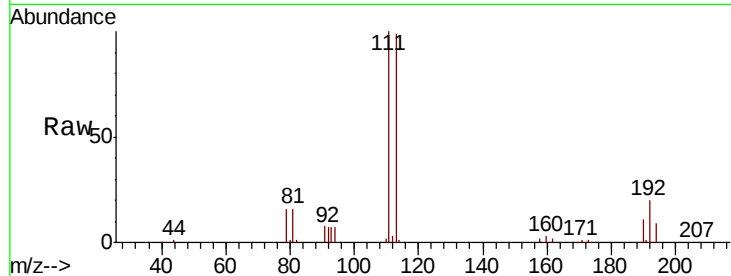




#35
 Dibromofluoromethane
 Concen: 51.568 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059267.D
 Acq: 15 Nov 2019 15:42

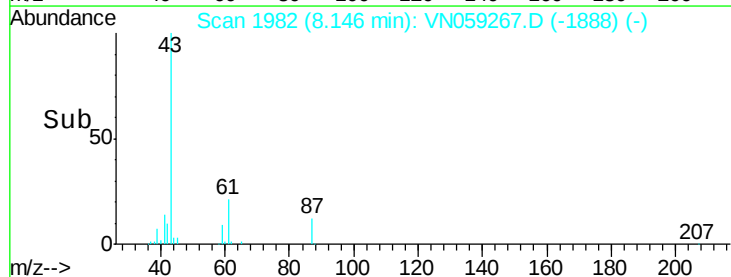
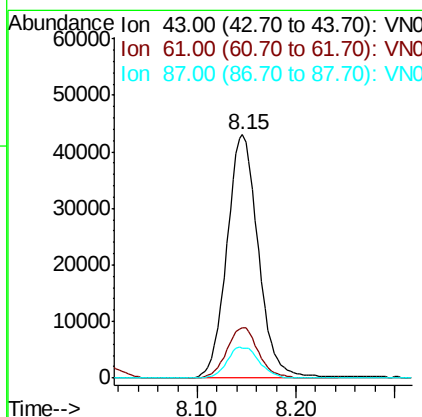
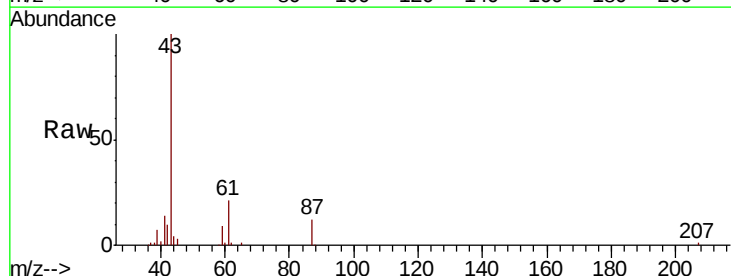
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-111419

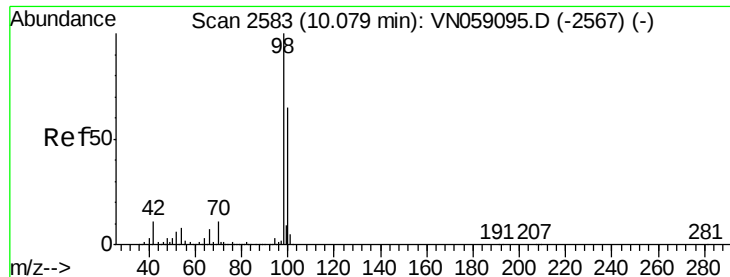
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	20.4	16.1	24.1



#43
 Isopropyl Acetate
 Concen: 8.023 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059267.D
 Acq: 15 Nov 2019 15:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	21.0	31.6#
87	12.9	9.8	14.6





#50

Toluene-d8

Concen: 52.889 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

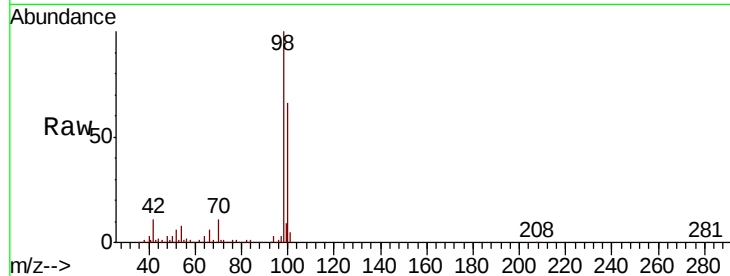
OR-03-111419

Tot Ion: 98 Resp: 895580

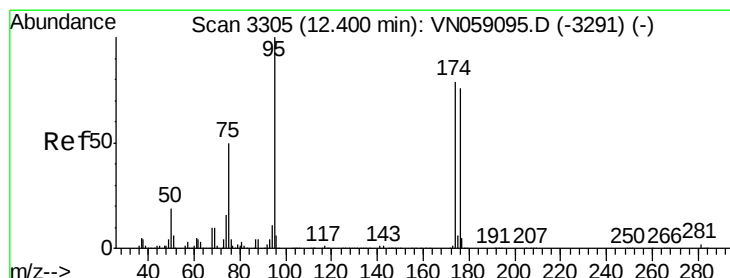
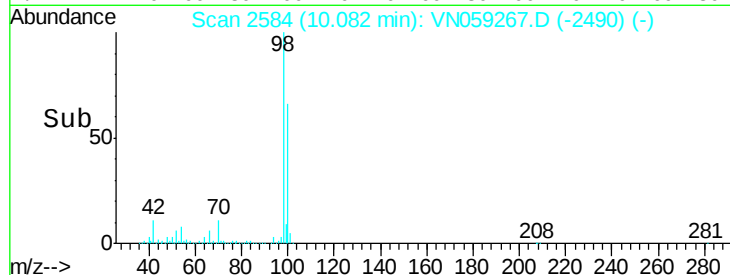
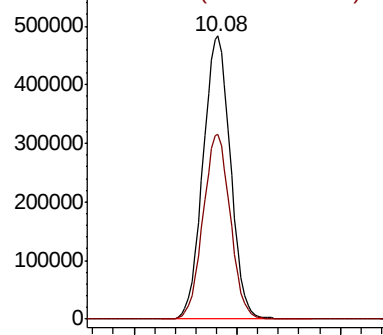
Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 47.772 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

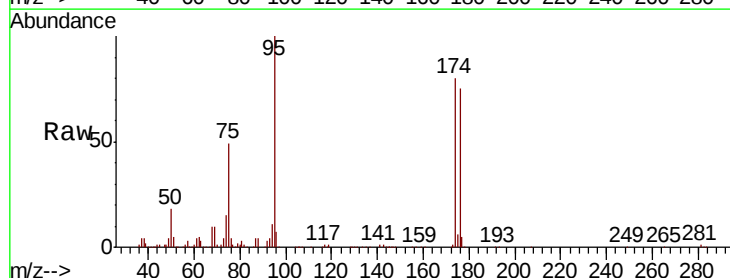
Tgt Ion: 95 Resp: 291670

Ion Ratio Lower Upper

95 100

174 79.6 0.0 158.2

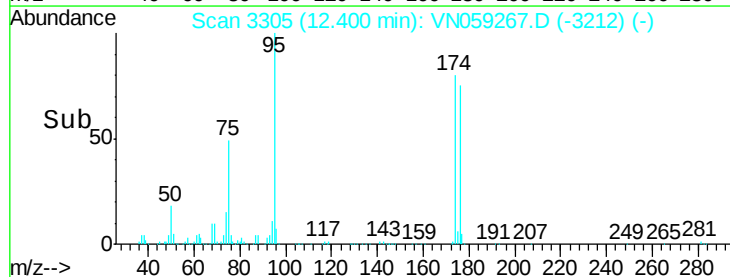
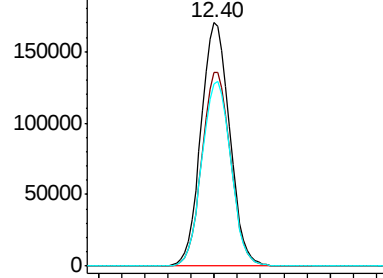
176 76.8 0.0 151.8

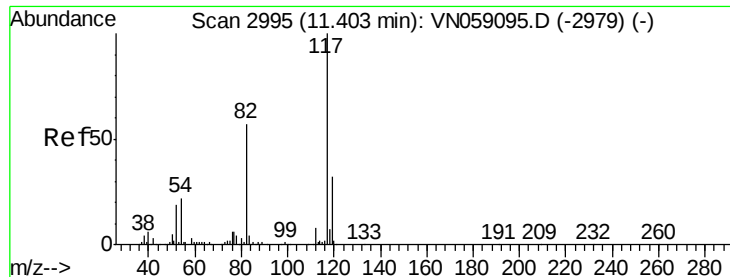


Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059095.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059095.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

Instrument :

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ClientSampleId :

OR-03-111419

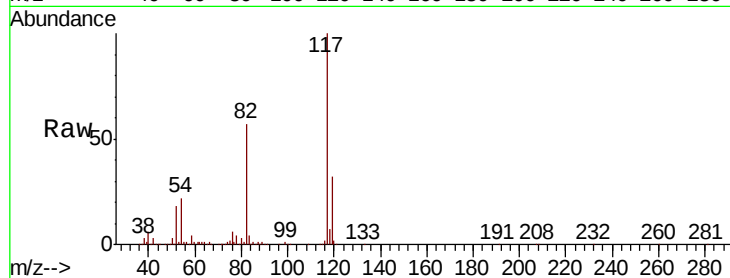
Tot Ion:117 Resp: 649591

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.8

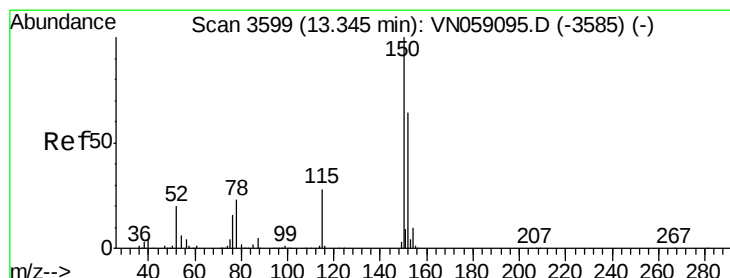
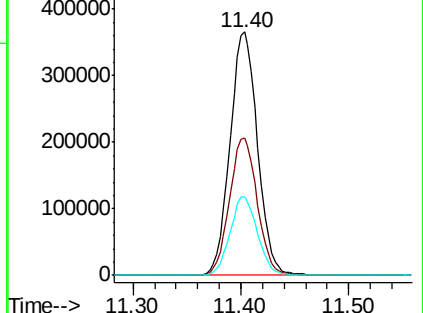
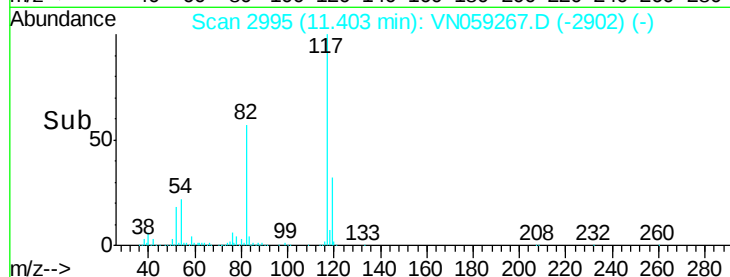
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

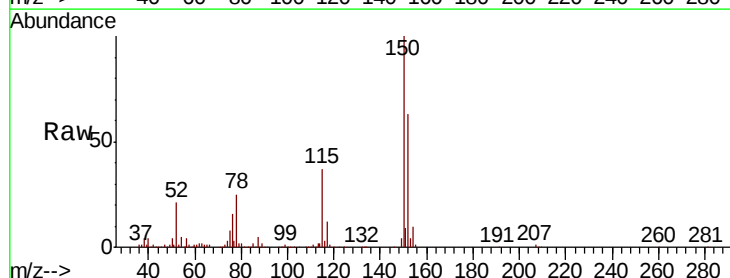
Tgt Ion:152 Resp: 247272

Ion Ratio Lower Upper

152 100

115 59.6 29.4 88.2

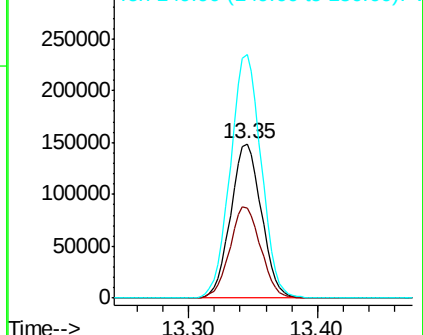
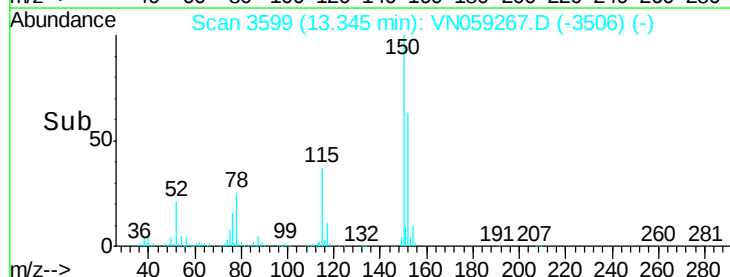
150 158.4 0.0 345.8

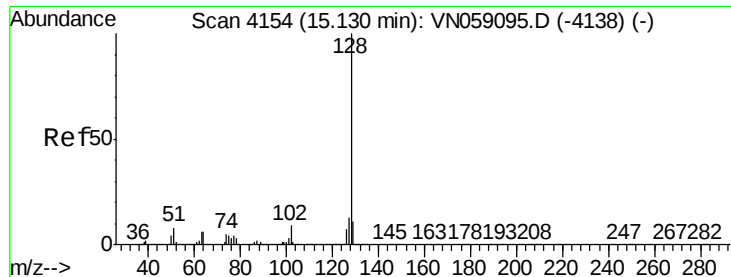


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.739 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059267.D

Acq: 15 Nov 2019 15:42

Instrument :

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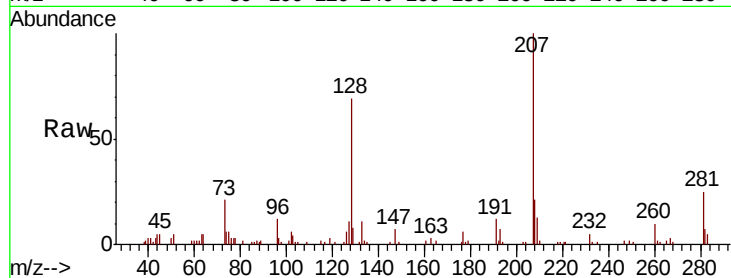
Tot Ion:128 Resp: 23113

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 11.3 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

