

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059163.D
 Acq On : 11 Nov 2019 16:00
 Operator : JC/SP
 Sample : K5760-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-30

Quant Time: Nov 12 03:20:30 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

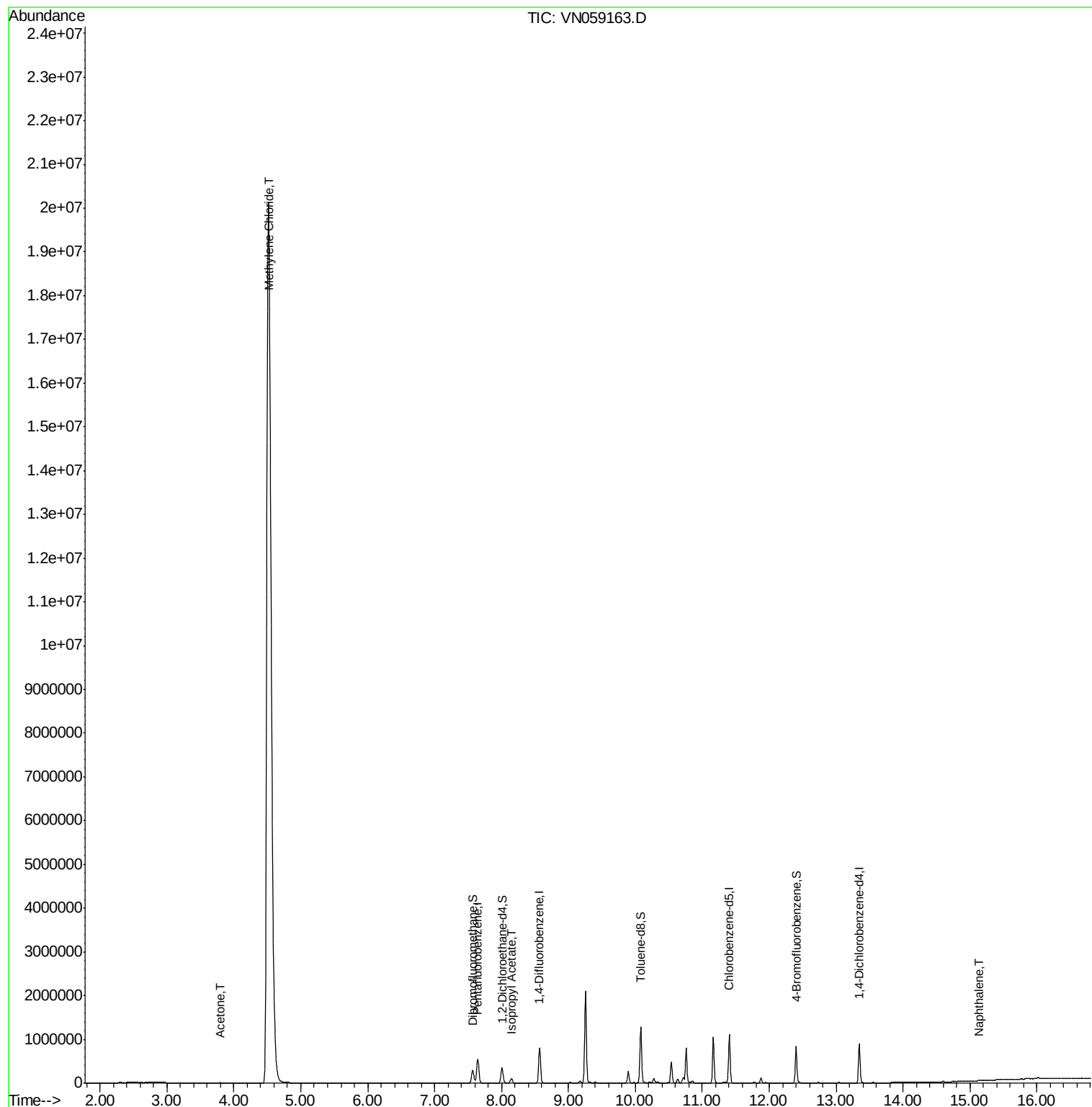
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	447036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	706500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	642183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	300324	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.57	113	229695	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
50) Toluene-d8	10.08	98	898568	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.40	95	292058	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
16) Acetone	3.80	43	17026	5.958	ug/l	95
20) Methylene Chloride	4.52	84	17370489	3489.153	ug/l #	66
43) Isopropyl Acetate	8.15	43	114676	9.791	ug/l #	89
95) Naphthalene	15.13	128	4444	3.380	ug/l #	90

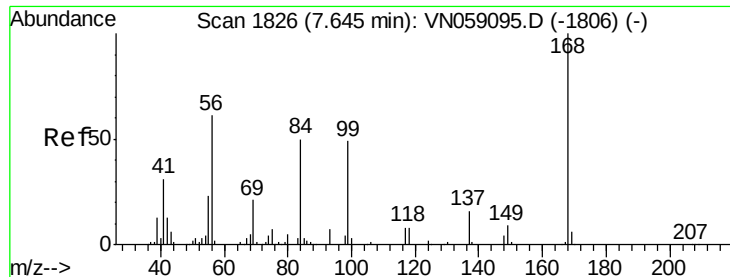
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

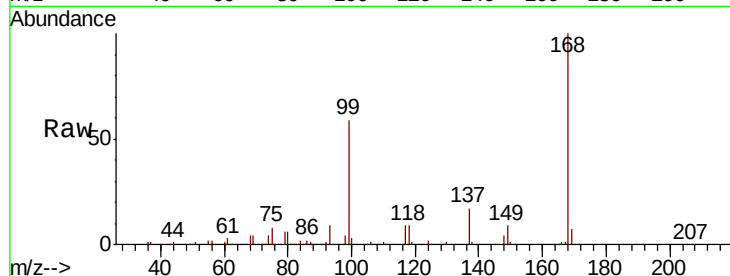
RBR-30

Tot Ion:168 Resp: 447036

Ion Ratio Lower Upper

168 100

99 58.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.64

200000

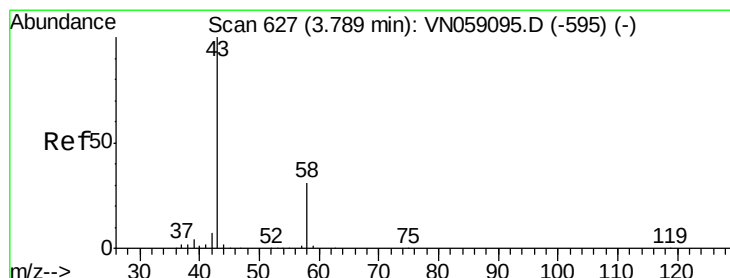
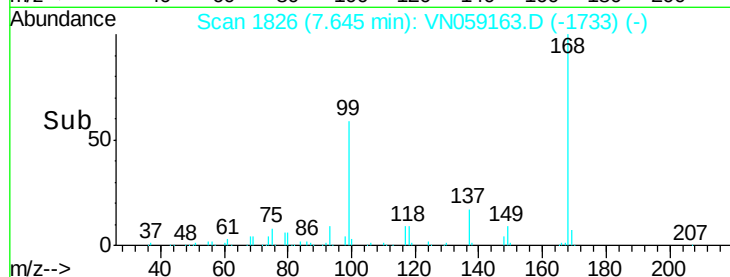
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.958 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059163.D

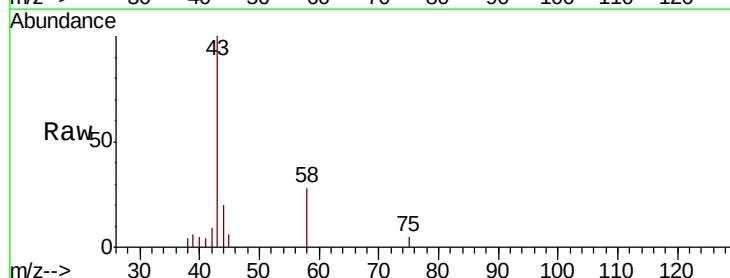
Acq: 11 Nov 2019 16:00

Tgt Ion: 43 Resp: 17026

Ion Ratio Lower Upper

43 100

58 28.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)

3.80

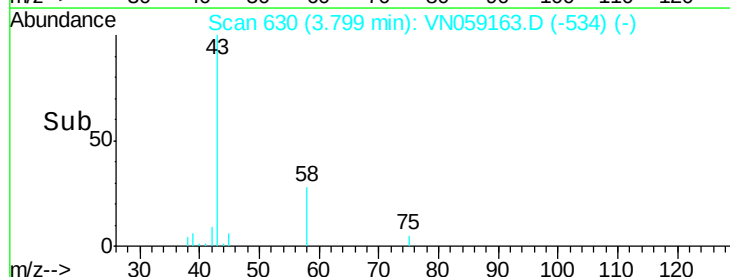
6000

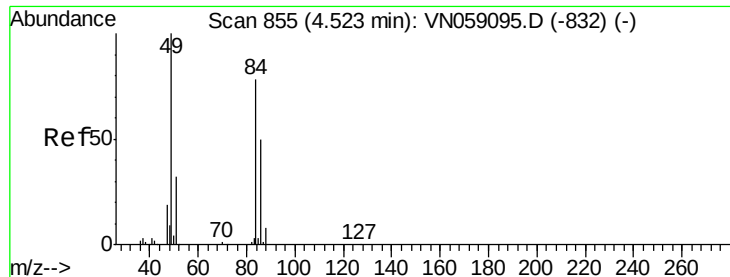
4000

2000

0

Time-->

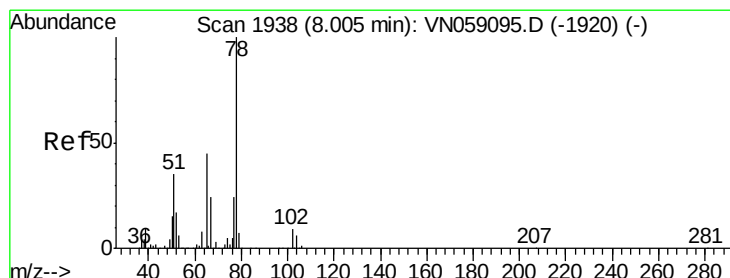
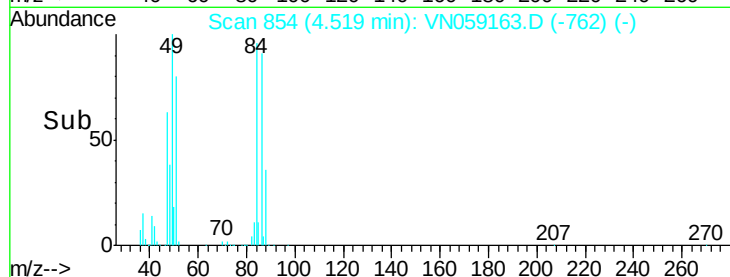
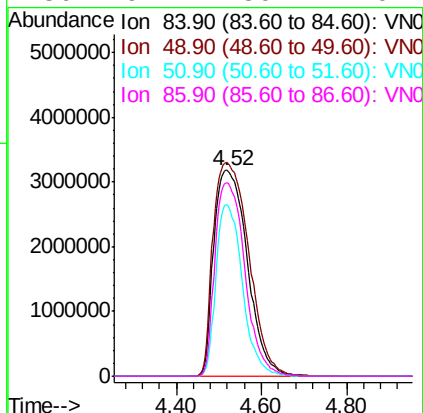
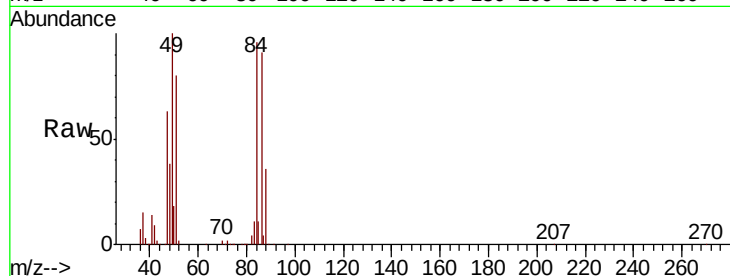




#20
Methylene Chloride
Concen: 3489.153 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

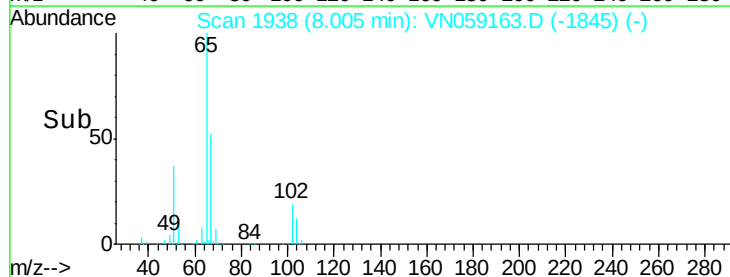
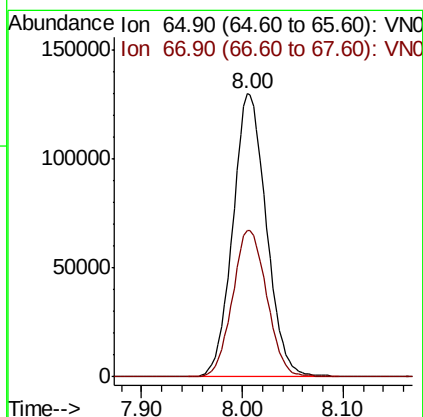
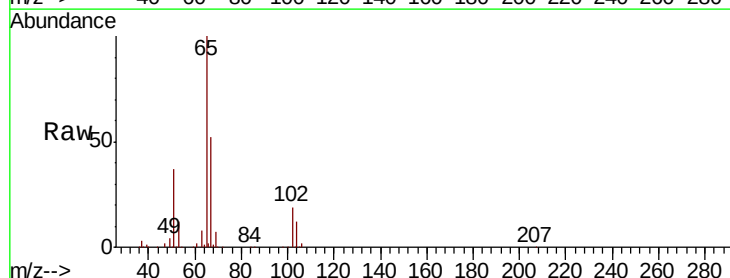
Instrument :
MSVOA_N
ClientSampleId :
RBR-30

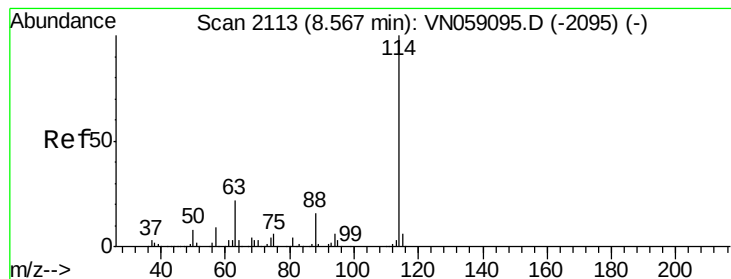
Tot Ion: 84 Resp:17370489
Ion Ratio Lower Upper
84 100
49 103.7 102.0 153.0
51 83.2 32.2 48.2#
86 94.1 50.7 76.1#



#33
1,2-Dichloroethane-d4
Concen: 54.652 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion: 65 Resp: 300324
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

RBR-30

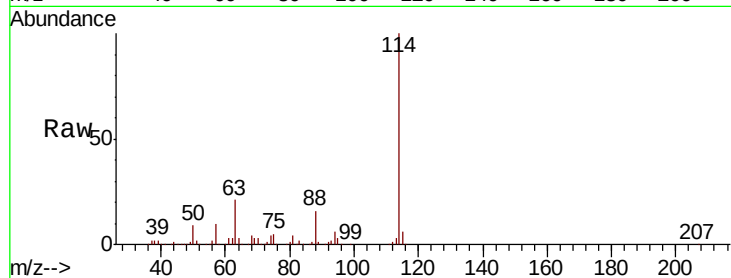
Tot Ion:114 Resp: 706500

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

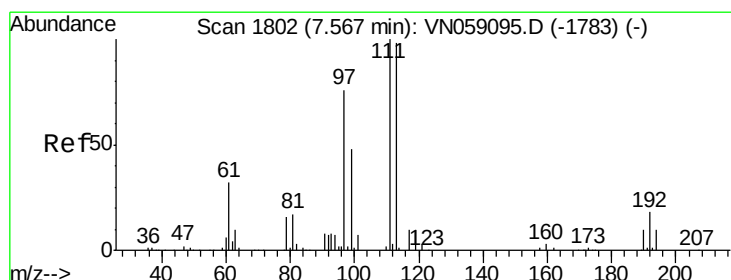
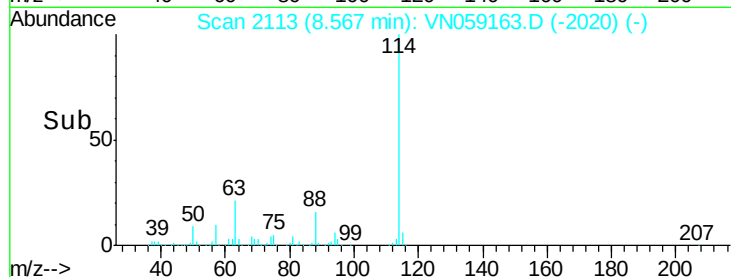
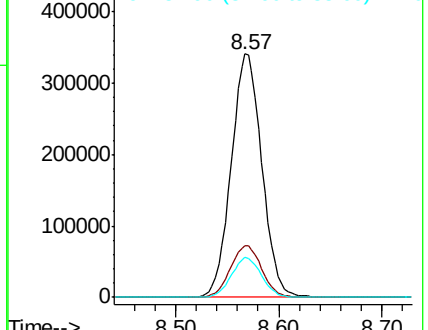
88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 54.450 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

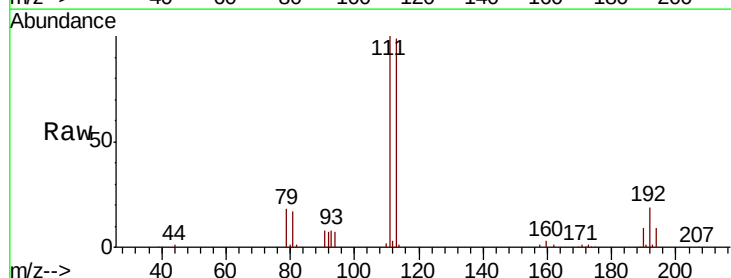
Tgt Ion:113 Resp: 229695

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

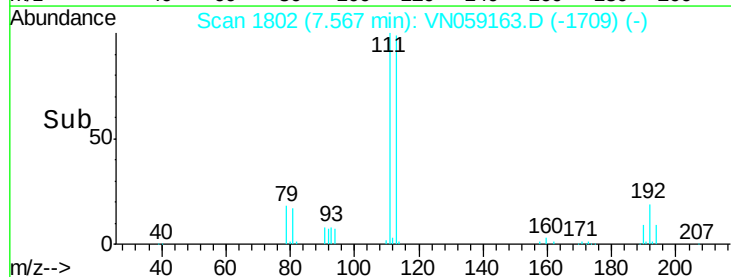
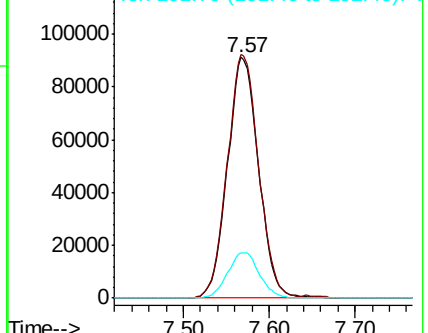
192 19.3 16.1 24.1

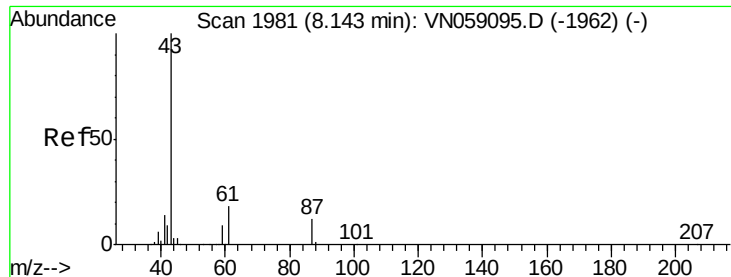


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.791 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

RBR-30

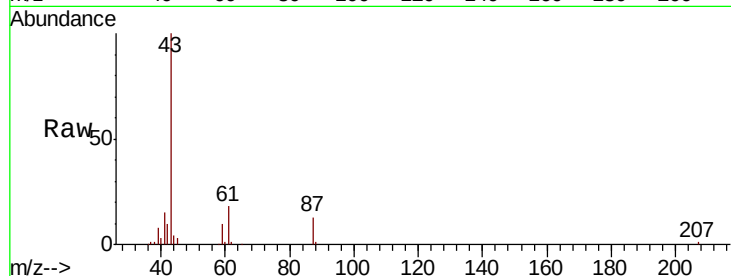
Tot Ion: 43 Resp: 114676

Ion Ratio Lower Upper

43 100

61 18.9 21.0 31.6#

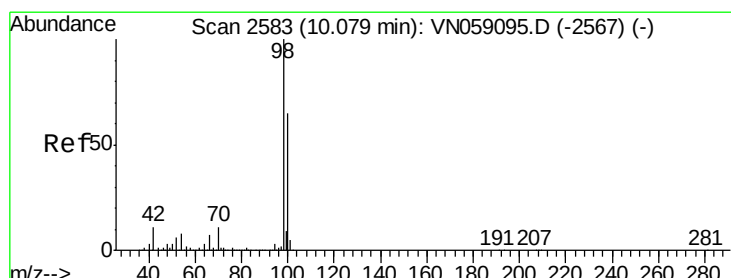
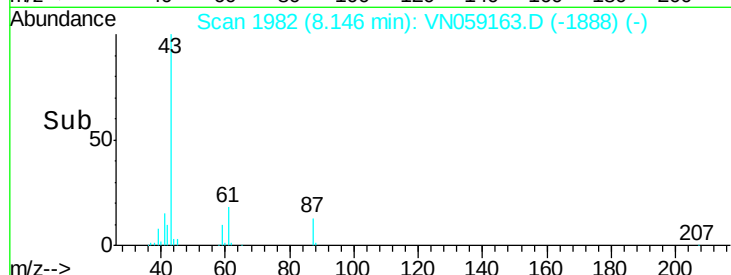
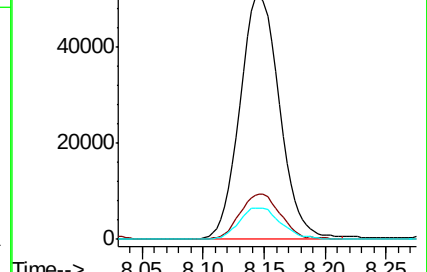
87 13.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059163.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059163.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059163.D (-1888) (-)



#50

Toluene-d8

Concen: 54.078 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059163.D

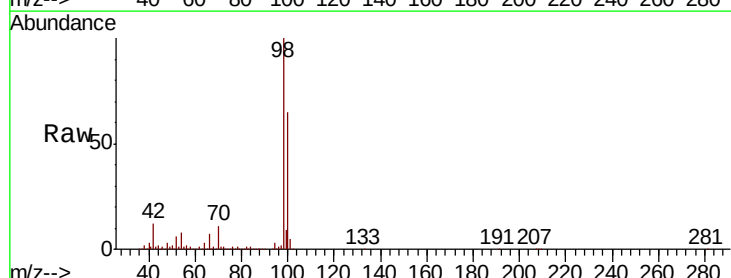
Acq: 11 Nov 2019 16:00

Tgt Ion: 98 Resp: 898568

Ion Ratio Lower Upper

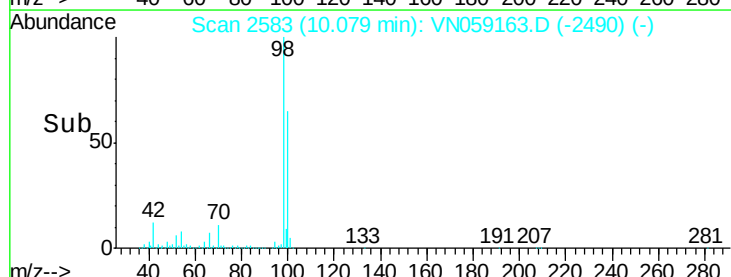
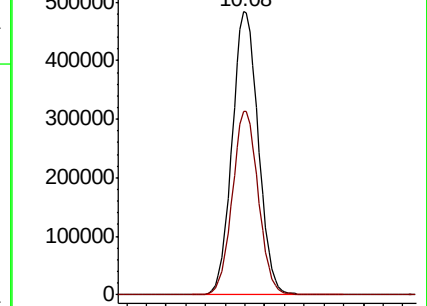
98 100

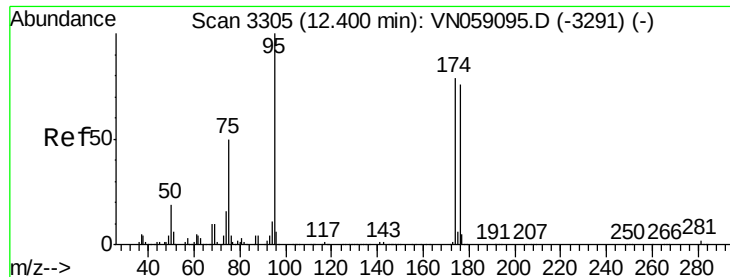
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059163.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059163.D (-2490) (-)

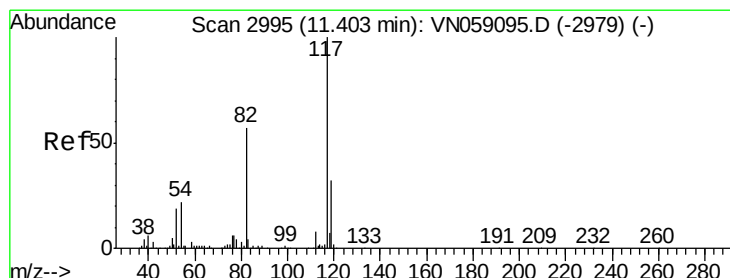
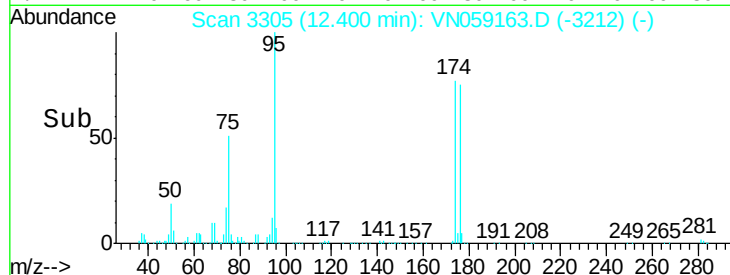
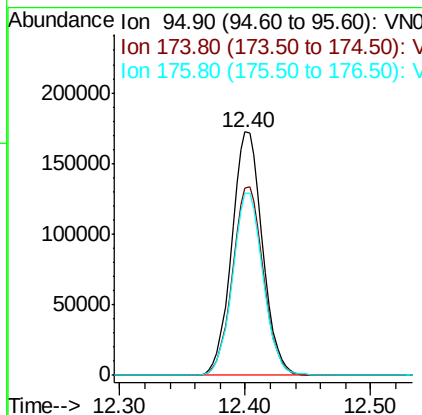
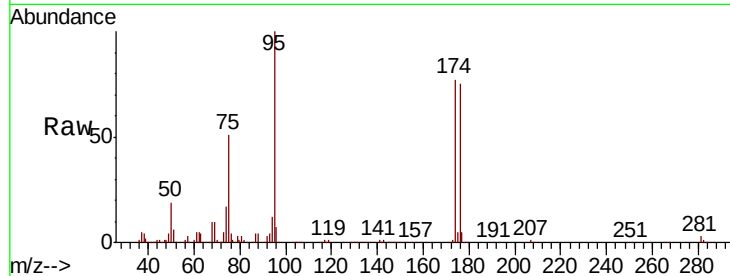




#62
4-Bromofluorobenzene
Concen: 48.748 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

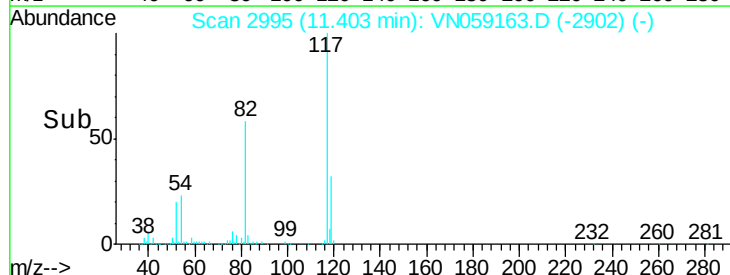
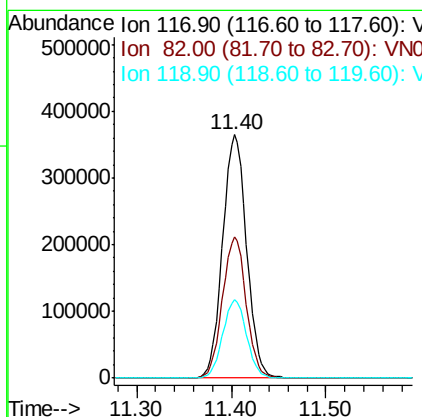
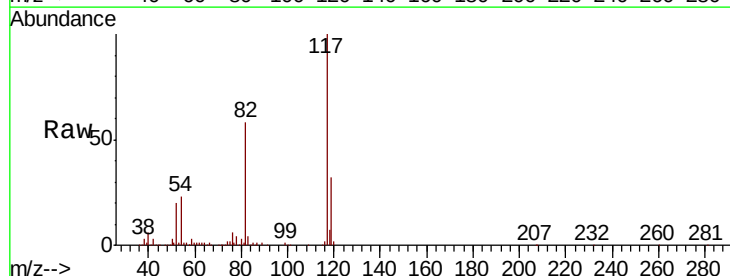
Instrument :
MSVOA_N
ClientSampleId :
RBR-30

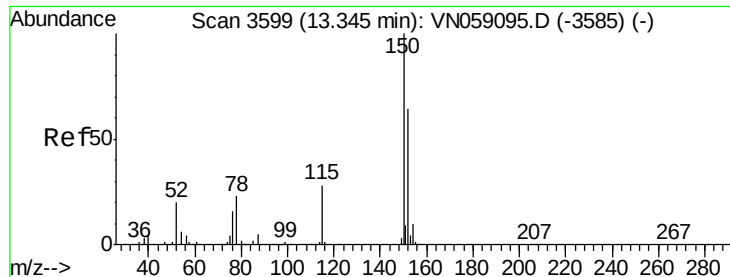
Tot Ion	95	Resp	292058
Ion Ratio	100	Lower	Upper
174	77.7	0.0	158.2
176	74.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059163.D
Acq: 11 Nov 2019 16:00

Tgt Ion	117	Resp	642183
Ion Ratio	100	Lower	Upper
82	58.1	45.8	68.8
119	32.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

RBR-30

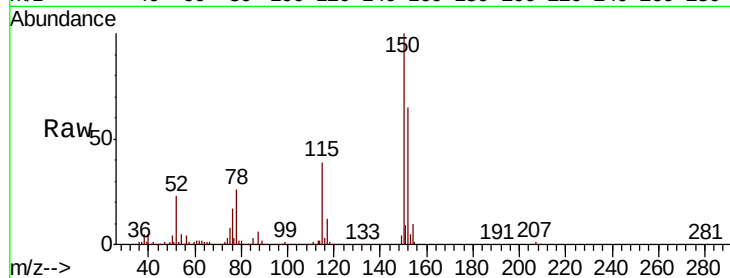
Tot Ion:152 Resp: 240455

Ion Ratio Lower Upper

152 100

115 59.7 29.4 88.2

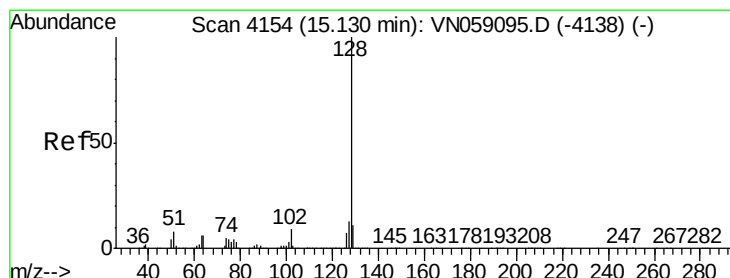
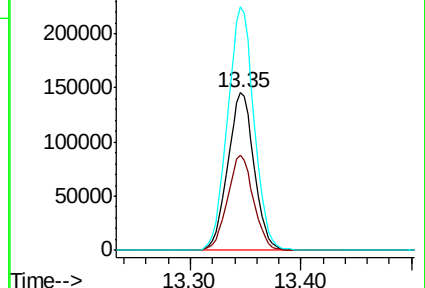
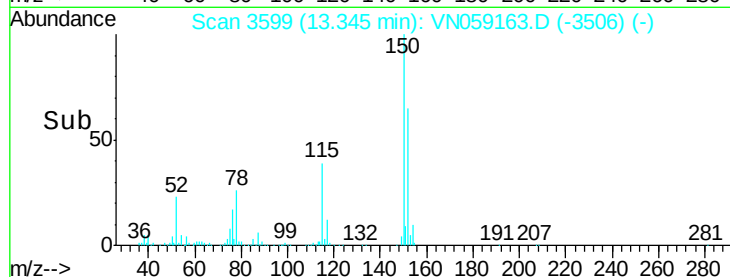
150 155.0 0.0 345.8



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: 3.380 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059163.D

Acq: 11 Nov 2019 16:00

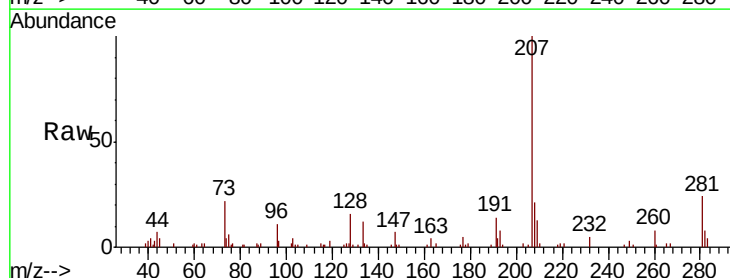
Tgt Ion:128 Resp: 4444

Ion Ratio Lower Upper

128 100

127 6.0 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

