

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059389.D
 Acq On : 25 Nov 2019 17:38
 Operator : JC/SP
 Sample : K5671-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-112119

Quant Time: Nov 26 01:15:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

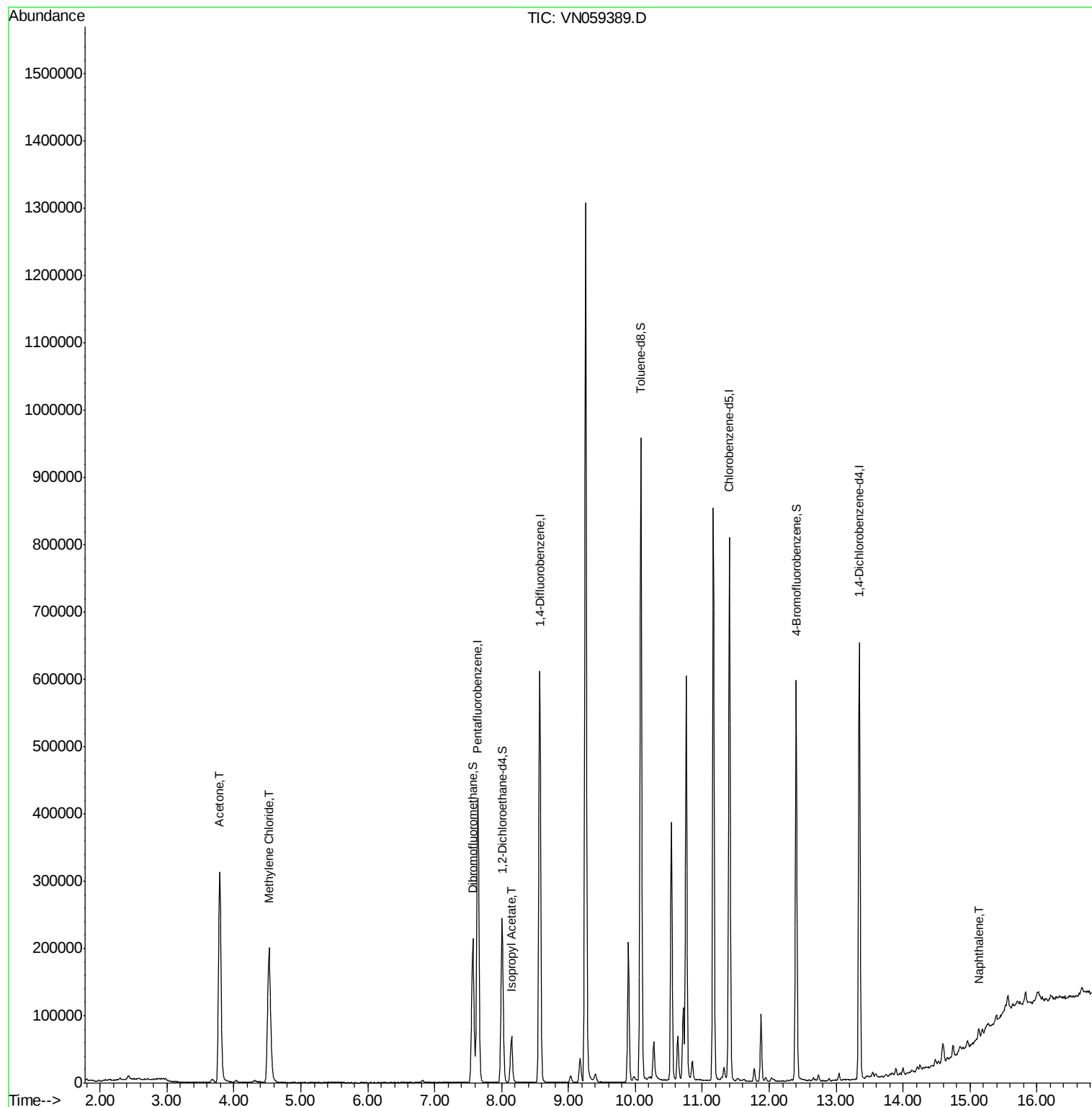
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	562047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	487950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	182922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	206063	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	7.57	113	166857	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	10.08	98	683788	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	217175	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
16) Acetone	3.79	43	515969	263.753	ug/l	Qvalue 100
20) Methylene Chloride	4.53	84	160793	36.444	ug/l	99
43) Isopropyl Acetate	8.15	43	81439	8.545	ug/l #	92
95) Naphthalene	15.13	128	11686	4.183	ug/l	97

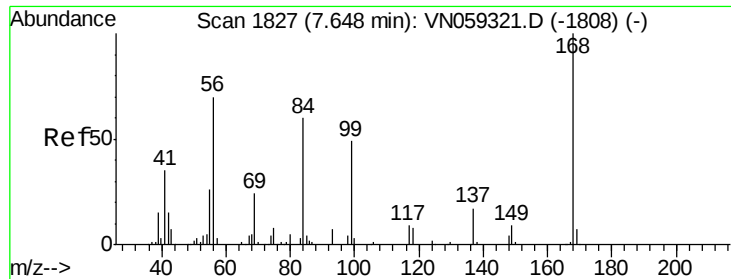
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112519\
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059389.D

Acq: 25 Nov 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

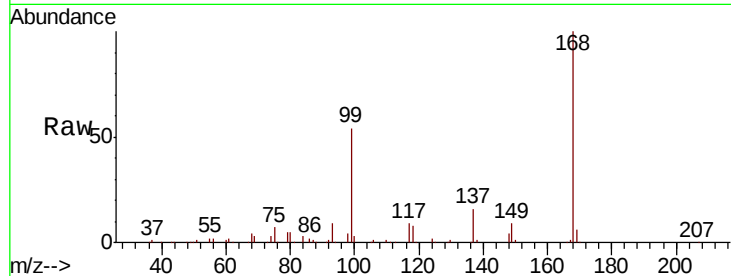
OR-02-112119

Tot Ion:168 Resp: 363628

Ion Ratio Lower Upper

168 100

99 54.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

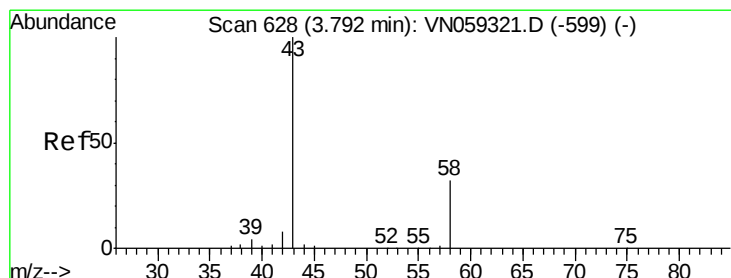
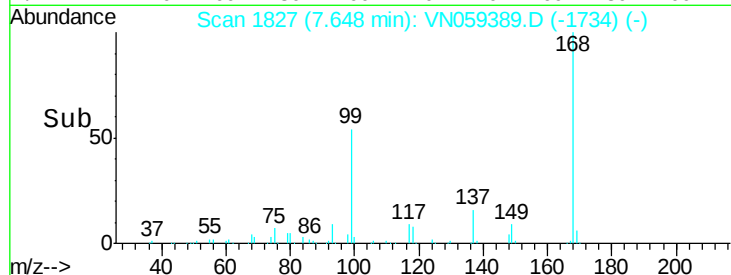
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 263.753 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059389.D

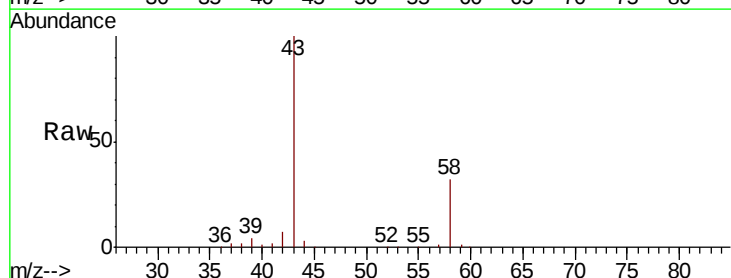
Acq: 25 Nov 2019 17:38

Tgt Ion: 43 Resp: 515969

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

200000

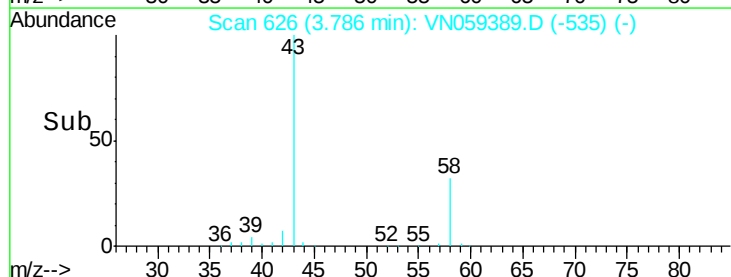
150000

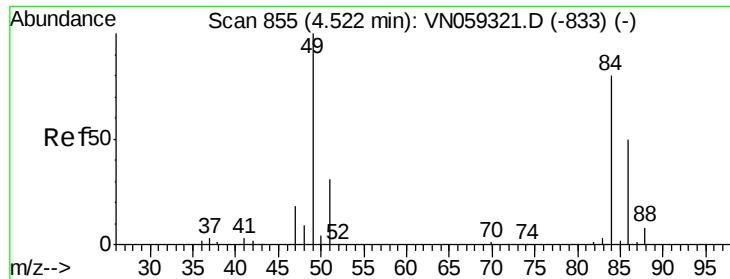
100000

50000

0

Time-->

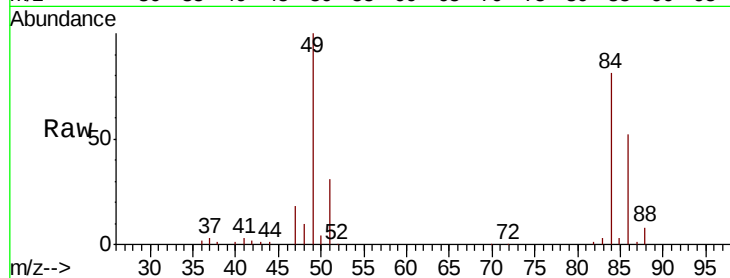




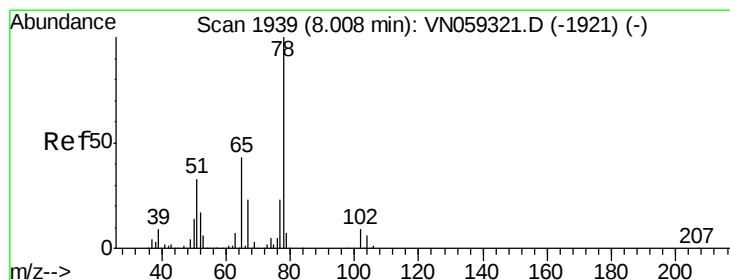
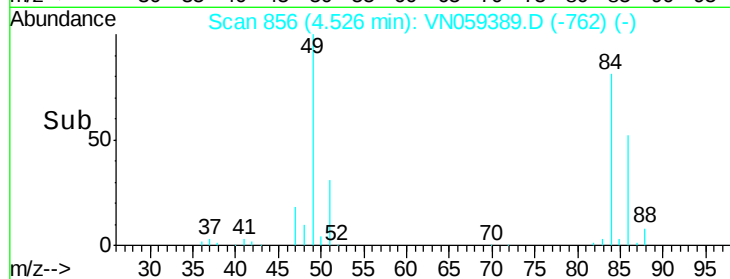
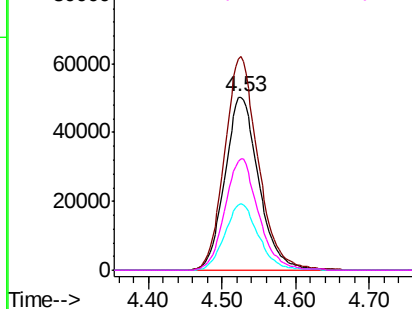
#20
Methylene Chloride
Concen: 36.444 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059389.D
Acq: 25 Nov 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :
OR-02-112119

Tot Ion:	84	Resp:	160793
Ion	Ratio	Lower	Upper
84	100		
49	123.3	99.5	149.3
51	38.3	31.1	46.7
86	64.5	49.9	74.9

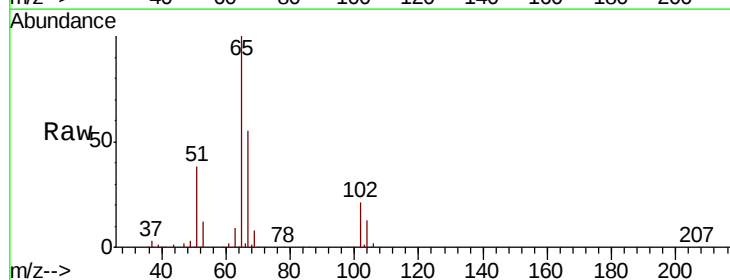


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

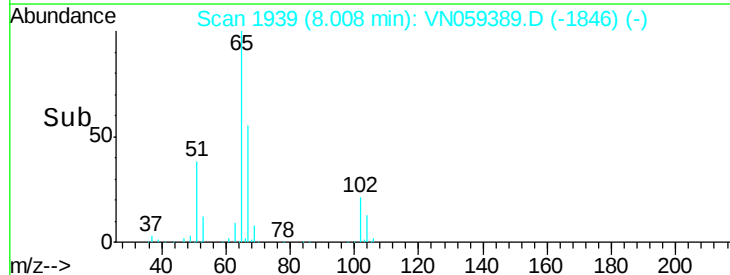
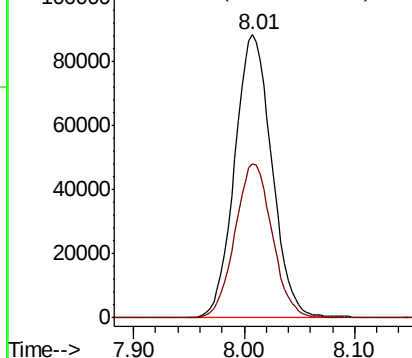


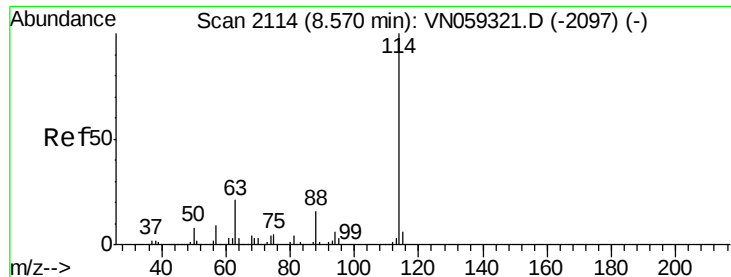
#33
1,2-Dichloroethane-d4
Concen: 47.230 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059389.D
Acq: 25 Nov 2019 17:38

Tgt Ion:	65	Resp:	206063
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.4



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

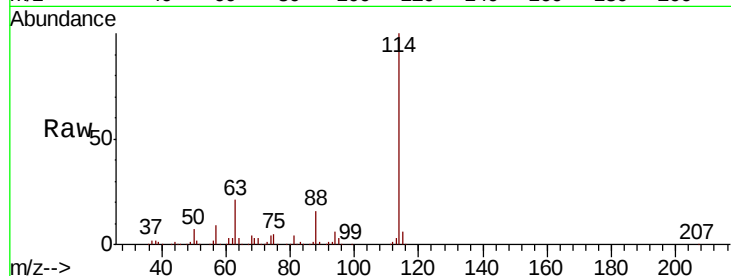




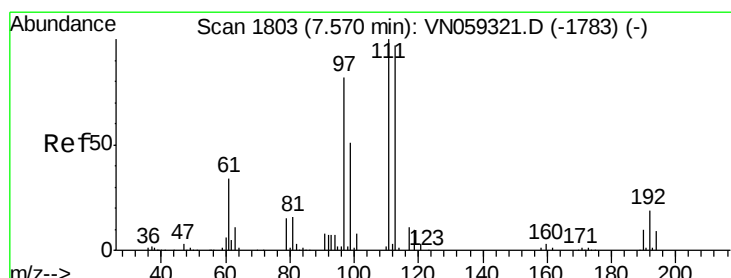
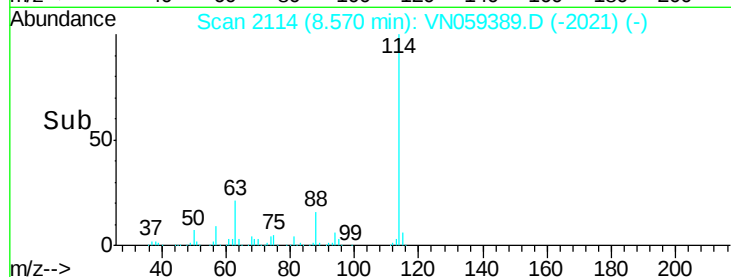
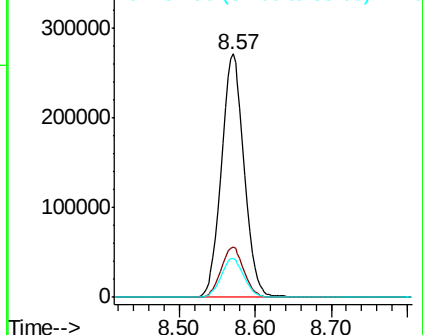
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059389.D
Acq: 25 Nov 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :
OR-02-112119

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.2
88	15.9	0.0	32.2

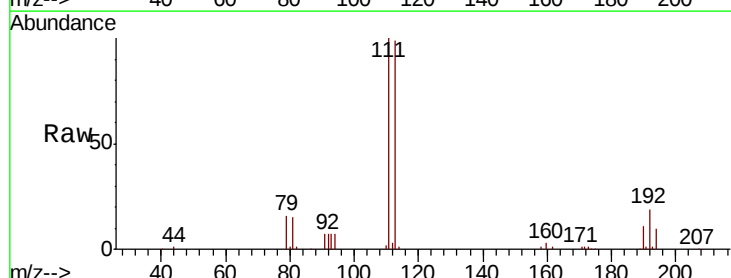


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

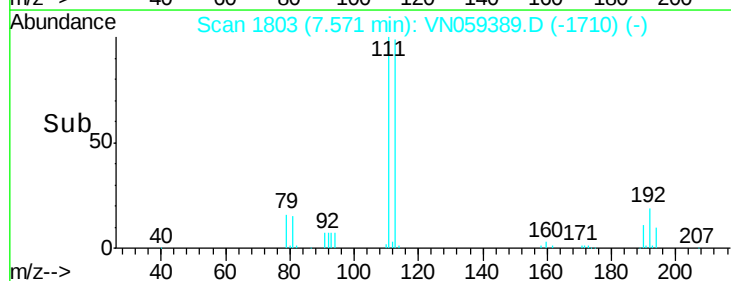
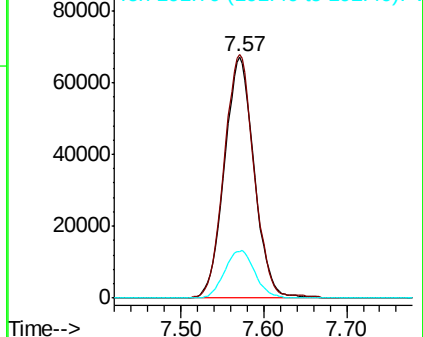


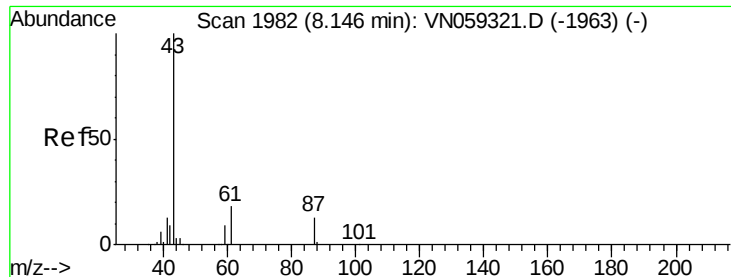
#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059389.D
Acq: 25 Nov 2019 17:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	20.1	16.3	24.5



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: 8.545 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059389.D

Acq: 25 Nov 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-112119

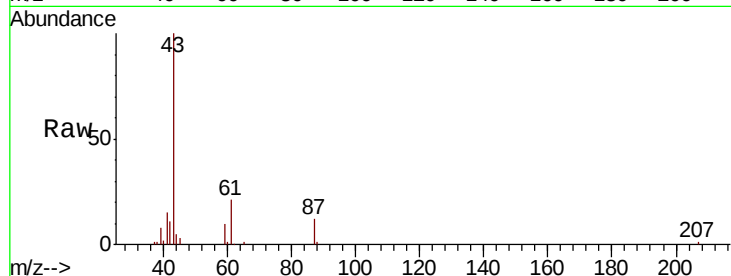
Tot Ion: 43 Resp: 81439

Ion Ratio Lower Upper

43 100

61 20.8 21.7 32.5#

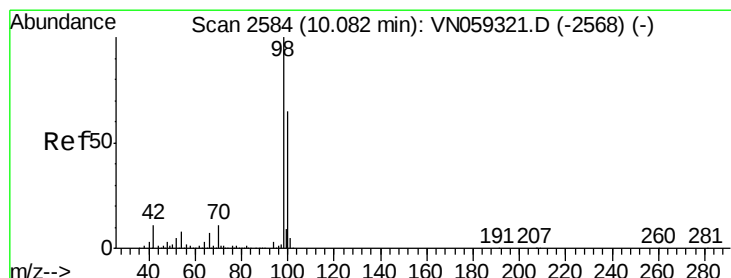
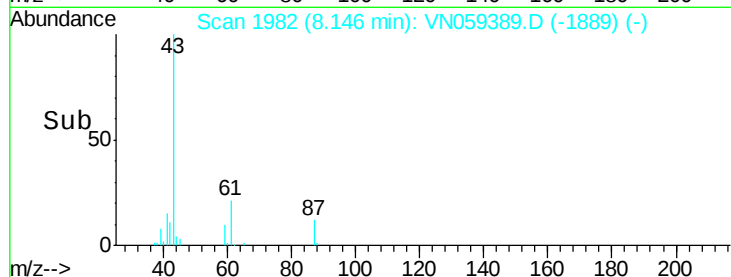
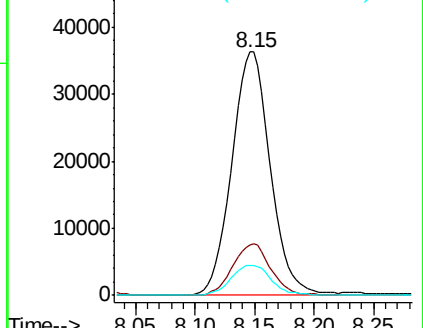
87 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059321.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1963) (-)



#50

Toluene-d8

Concen: 51.010 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059389.D

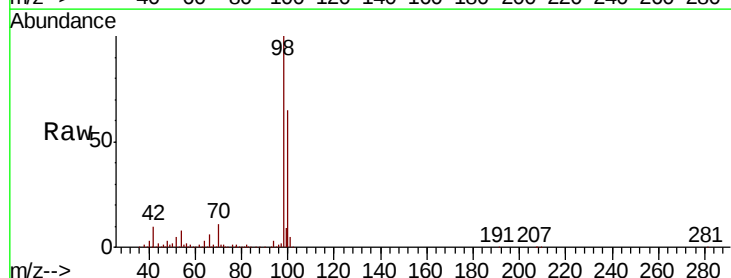
Acq: 25 Nov 2019 17:38

Tgt Ion: 98 Resp: 683788

Ion Ratio Lower Upper

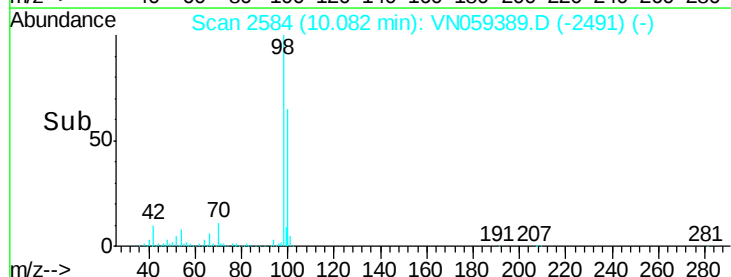
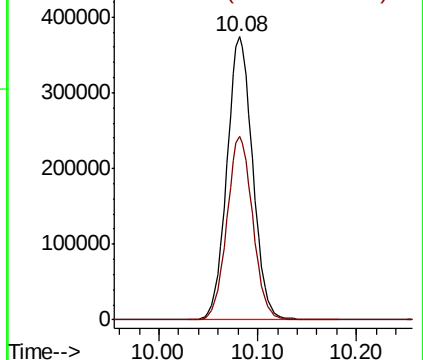
98 100

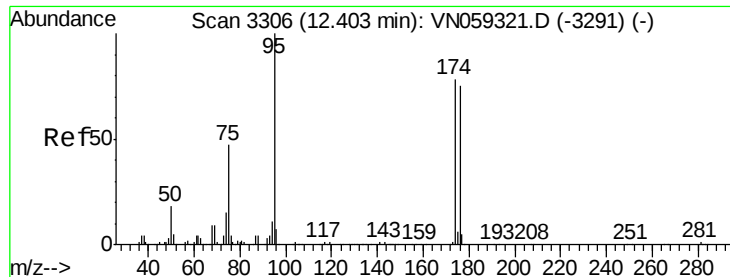
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059321.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059321.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 46.334 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059389.D

Acq: 25 Nov 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-112119

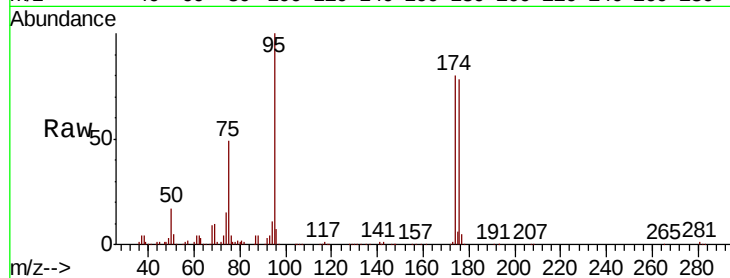
Tot Ion: 95 Resp: 217175

Ion Ratio Lower Upper

95 100

174 78.9 0.0 157.4

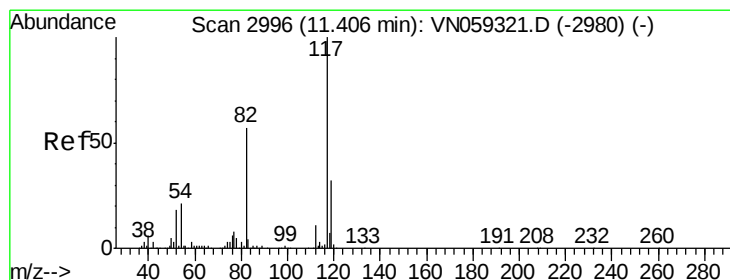
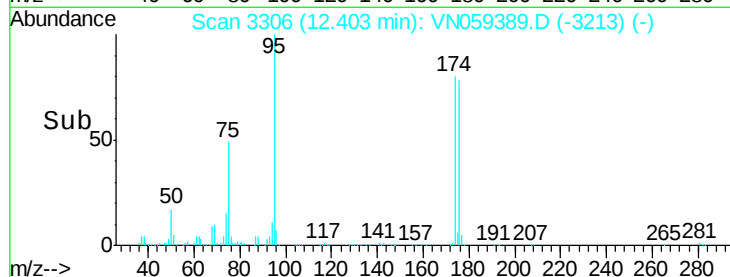
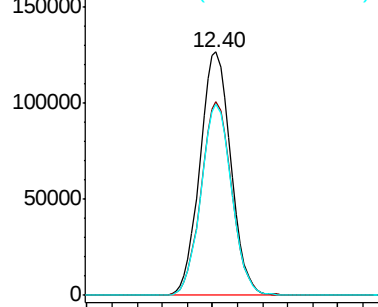
176 77.8 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059389.D

Acq: 25 Nov 2019 17:38

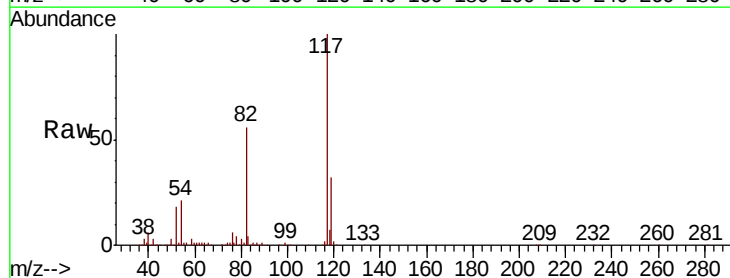
Tgt Ion: 117 Resp: 487950

Ion Ratio Lower Upper

117 100

82 56.1 45.7 68.5

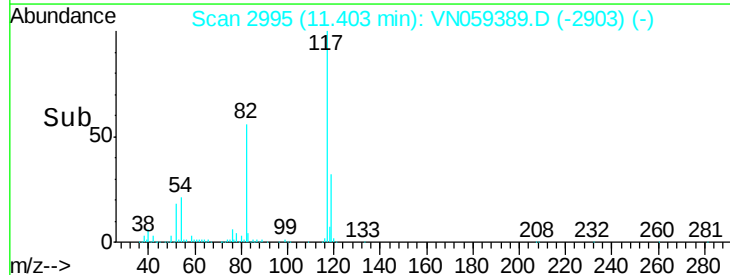
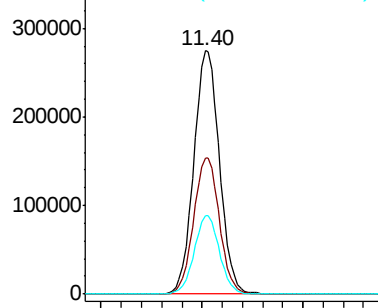
119 32.3 25.8 38.6

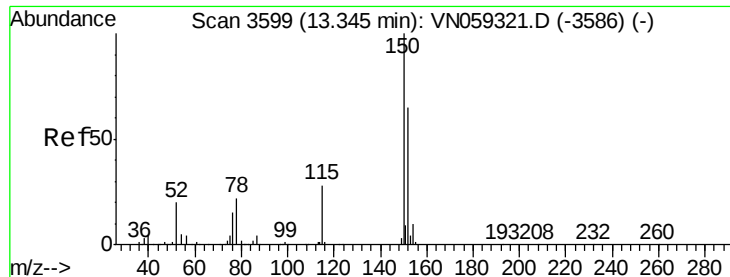


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059389.D

Acq: 25 Nov 2019 17:38

Instrument :

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ClientSampleId :

OR-02-112119

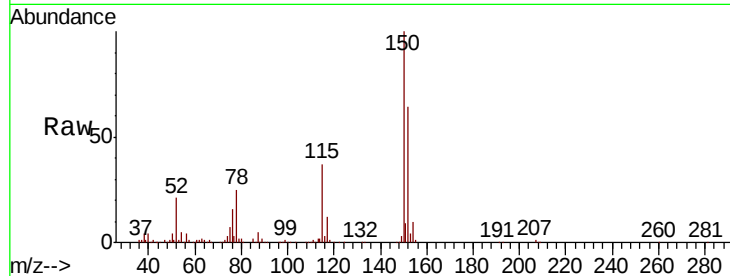
Tot Ion:152 Resp: 182922

Ion Ratio Lower Upper

152 100

115 58.3 29.3 88.0

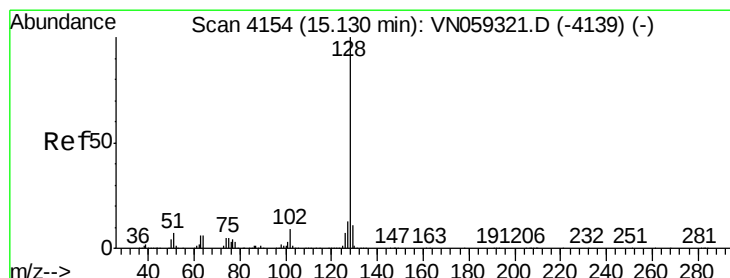
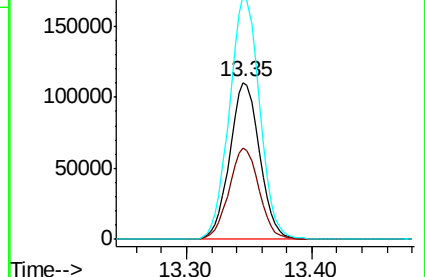
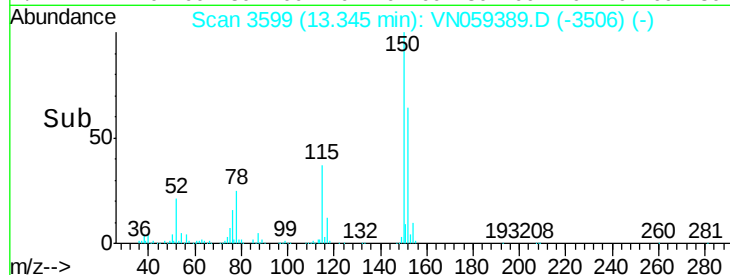
150 156.2 0.0 346.0



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: 4.183 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059389.D

Acq: 25 Nov 2019 17:38

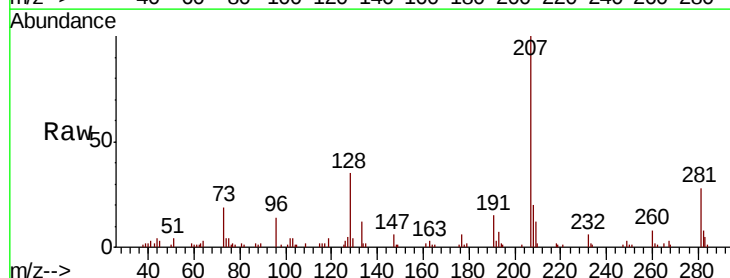
Tgt Ion:128 Resp: 11686

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 12.3 8.6 13.0



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

