

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063282.D
 Acq On : 9 Sep 2020 15:04
 Operator : JC/MD
 Sample : L3931-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-1

Quant Time: Sep 10 04:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

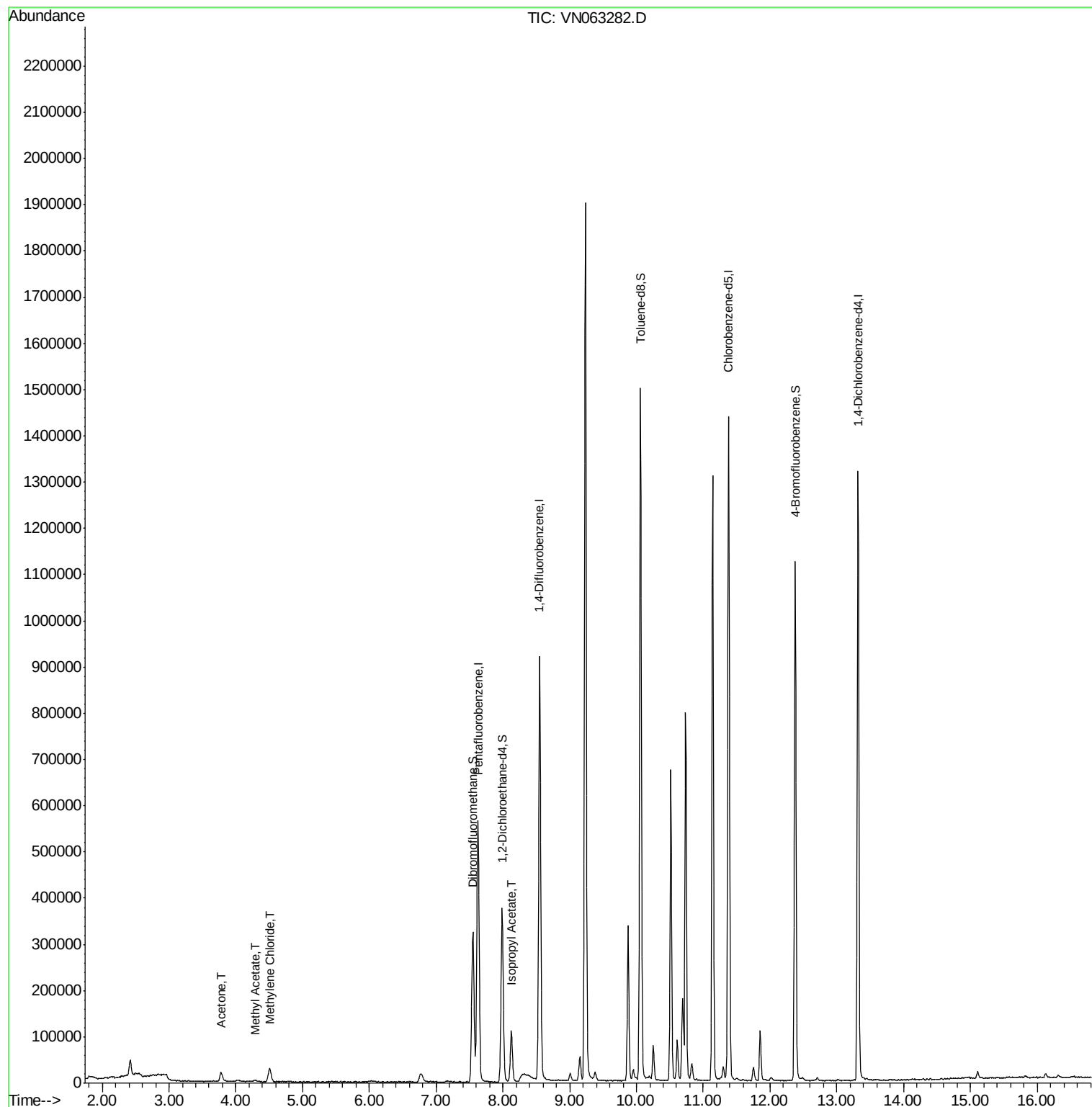
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	425149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	791188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	773141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	325723	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	7.55	113	247344	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.06	98	1013707	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.38	95	393783	57.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.24%	
Target Compounds						
16) Acetone	3.78	43	38410	19.442	ug/l	91
18) Methyl Acetate	4.28	43	5240	1.034	ug/l #	56
20) Methylene Chloride	4.51	84	20244	3.184	ug/l	93
43) Isopropyl Acetate	8.13	43	139899	11.278	ug/l #	90

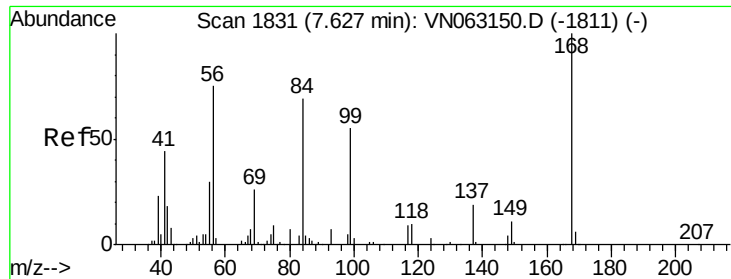
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

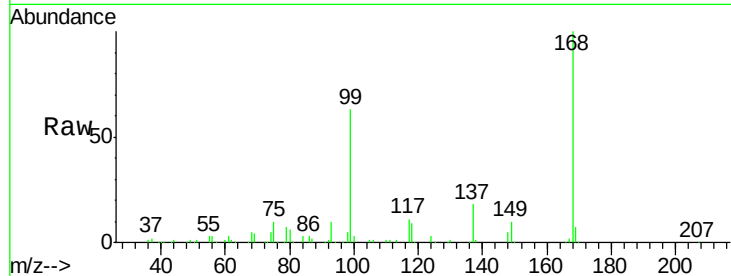
SP-1-1

Tot Ion:168 Resp: 425149

Ion Ratio Lower Upper

168 100

99 63.0 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

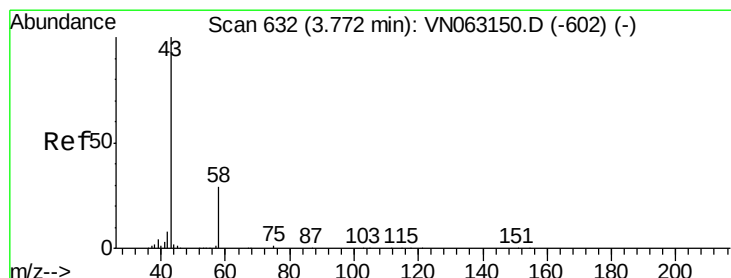
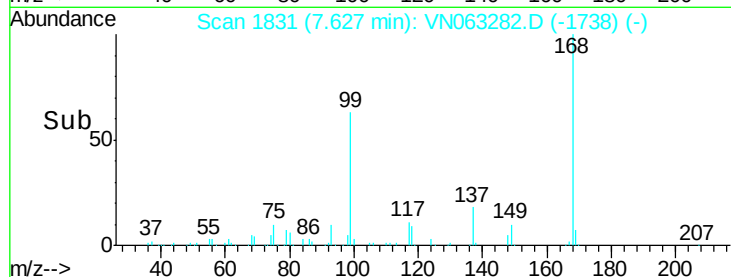
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 19.442 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063282.D

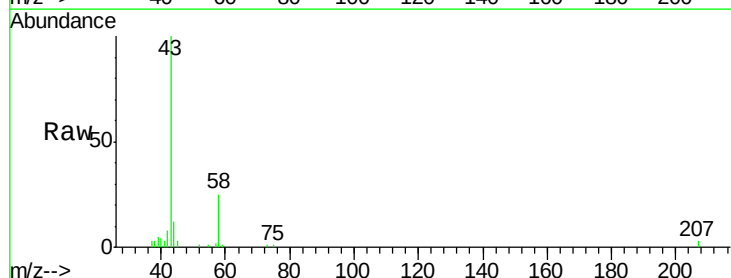
Acq: 9 Sep 2020 15:04

Tgt Ion: 43 Resp: 38410

Ion Ratio Lower Upper

43 100

58 24.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

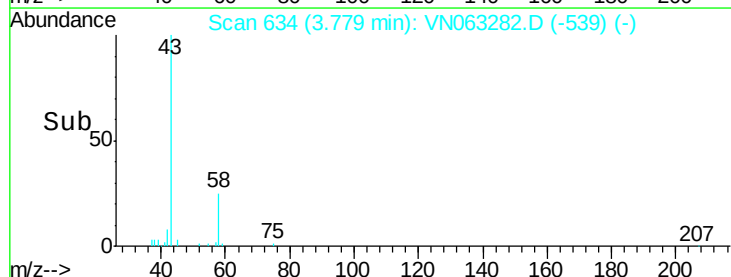
15000

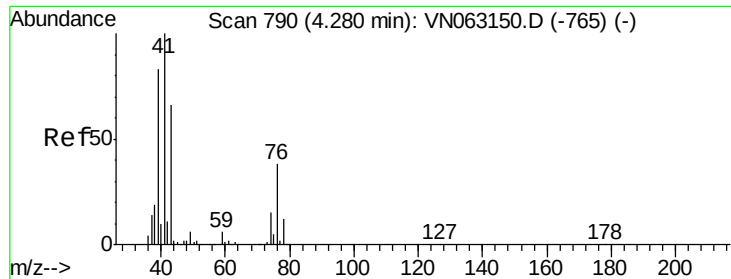
10000

5000

0

Time--> 3.70 3.80 3.90

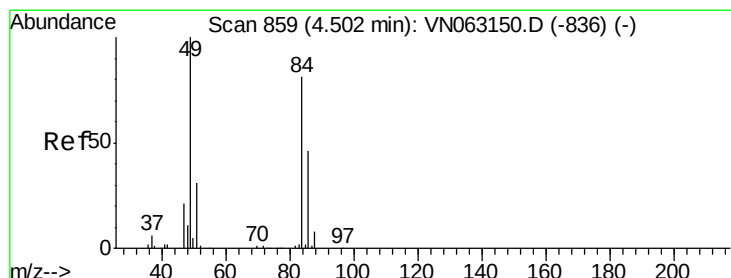
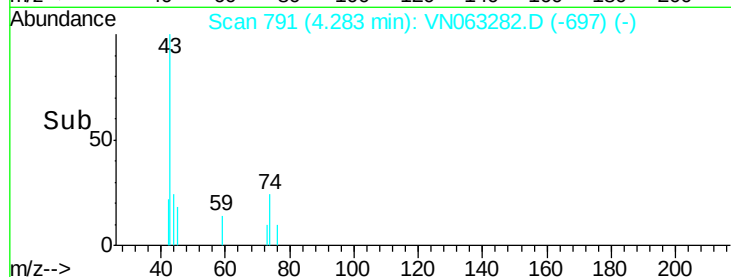
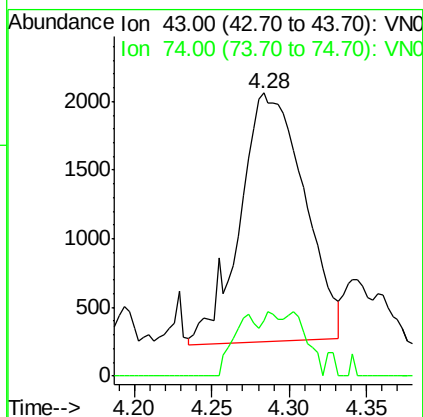
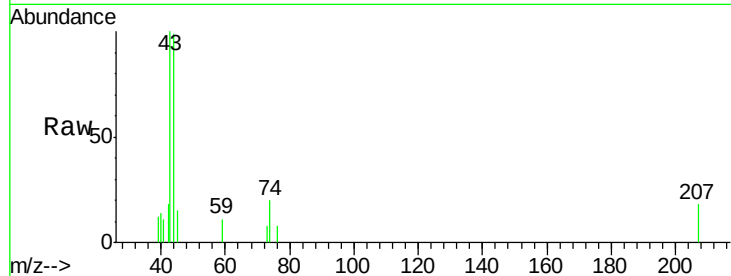




#18
Methyl Acetate
Concen: 1.034 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

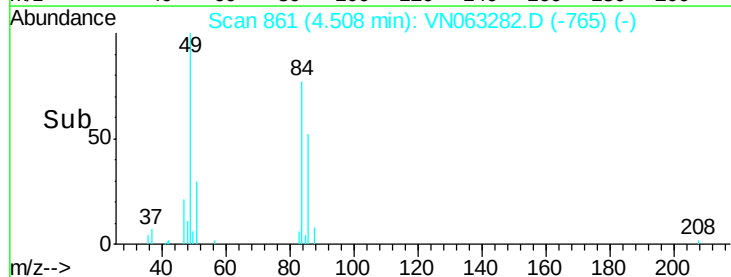
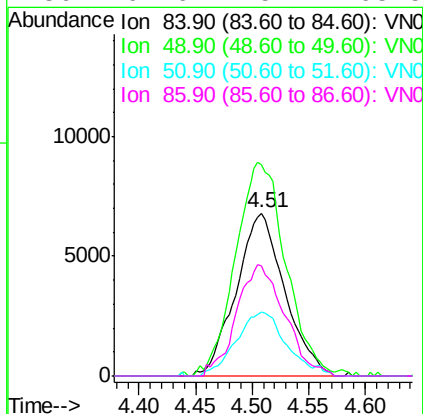
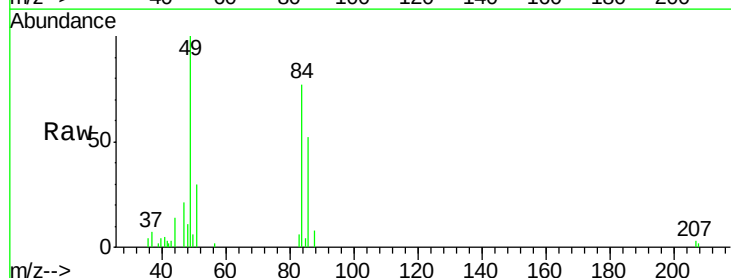
Instrument :
MSVOA_N
ClientSampled :
SP-1-1

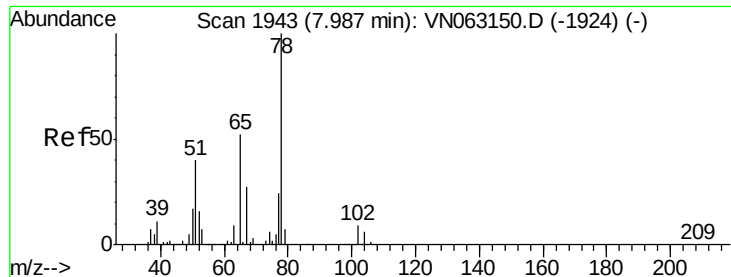
Tot Ion: 43 Resp: 5240
Ion Ratio Lower Upper
43 100
74 2.3 19.0 28.6#



#20
Methylene Chloride
Concen: 3.184 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion: 84 Resp: 20244
Ion Ratio Lower Upper
84 100
49 129.6 98.4 147.6
51 39.3 30.4 45.6
86 67.6 45.7 68.5

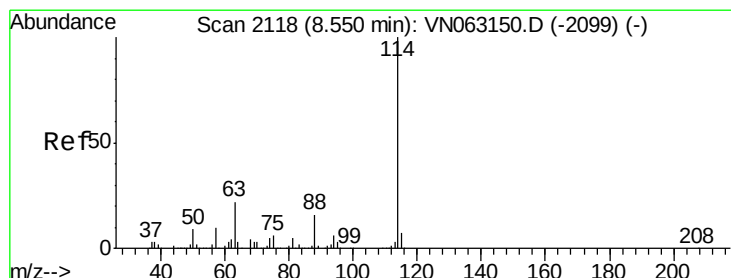
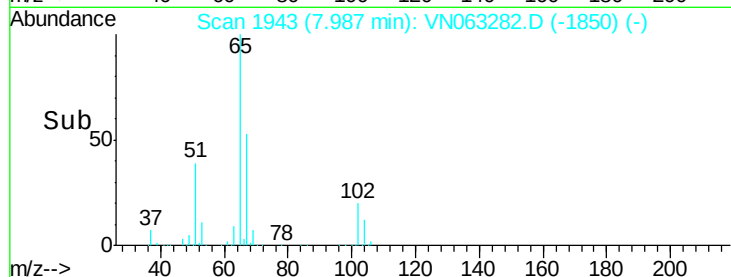
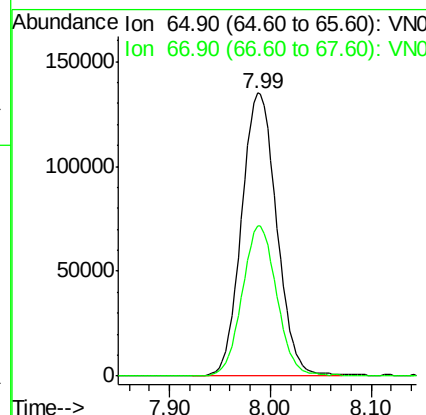
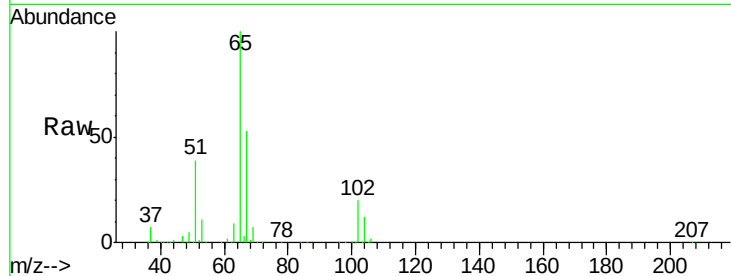




#33
 1,2-Dichloroethane-d4
 Concen: 46.867 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063282.D
 Acq: 9 Sep 2020 15:04

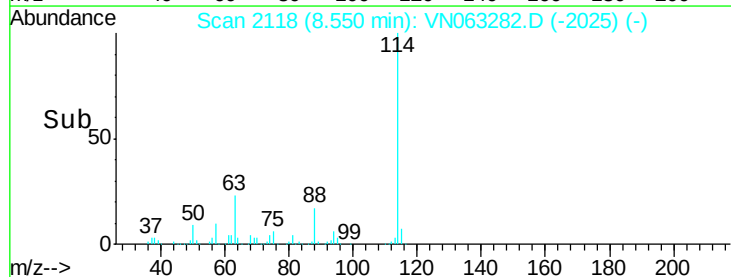
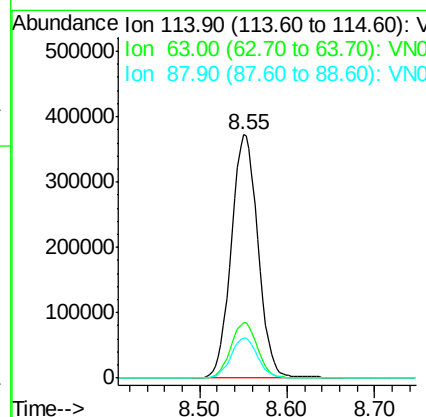
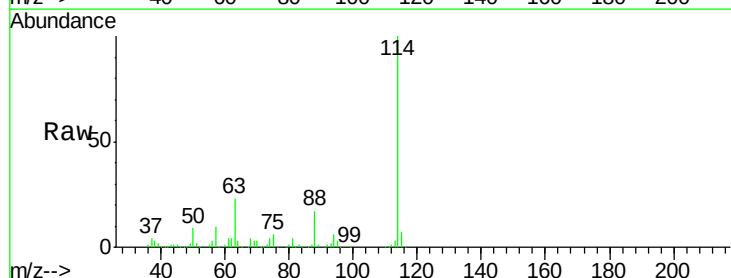
Instrument :
 MSVOA_N
 ClientSampled :
 SP-1-1

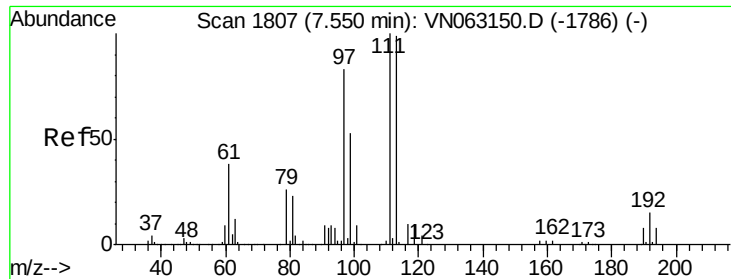
Tot Ion: 65 Resp: 325723
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063282.D
 Acq: 9 Sep 2020 15:04

Tgt Ion: 114 Resp: 791188
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.0
 88 16.5 0.0 31.6

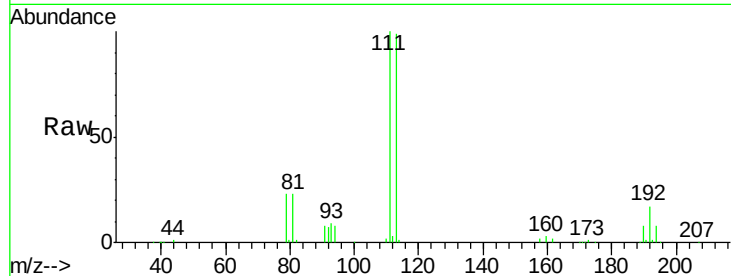




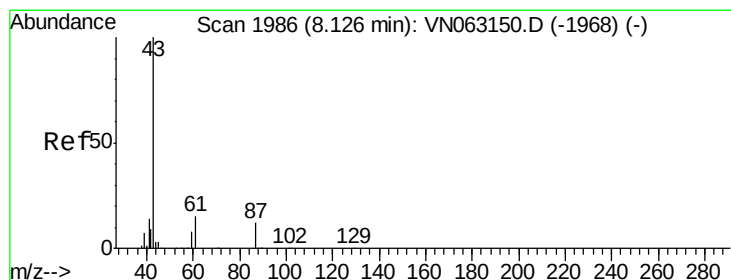
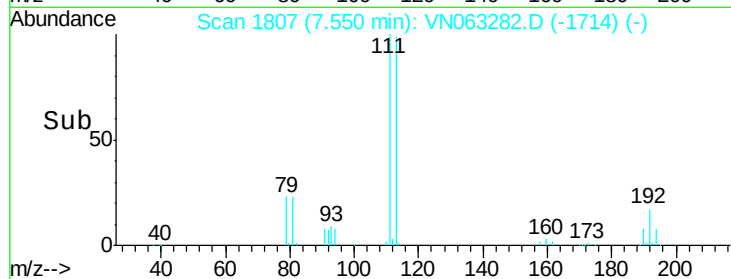
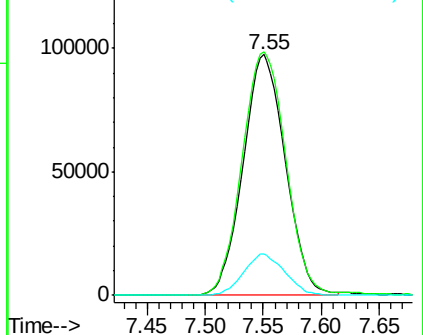
#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Instrument :
MSVOA_N
ClientSampled :
SP-1-1

Tot Ion:113 Resp: 247344
Ion Ratio Lower Upper
113 100
111 104.7 80.7 121.1
192 16.7 12.6 19.0

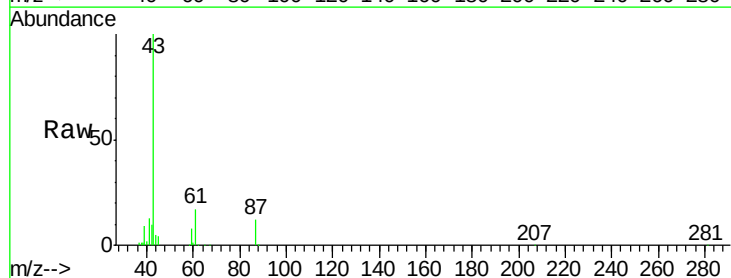


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

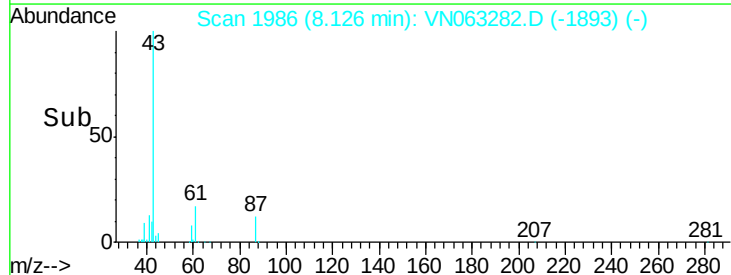
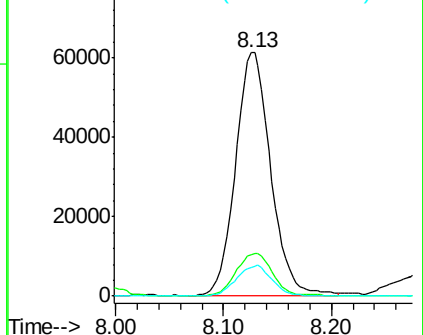


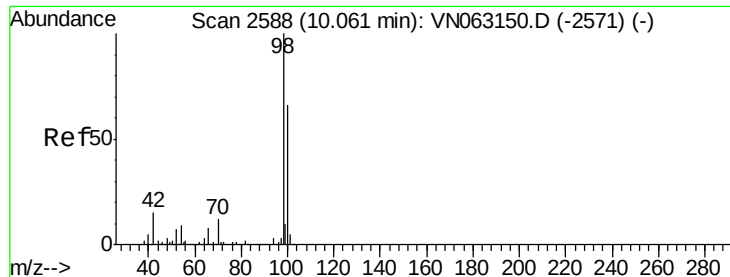
#43
Isopropyl Acetate
Concen: 11.278 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion: 43 Resp: 139899
Ion Ratio Lower Upper
43 100
61 18.4 20.2 30.4#
87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.886 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

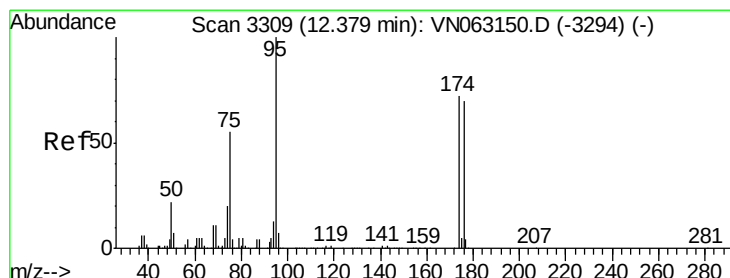
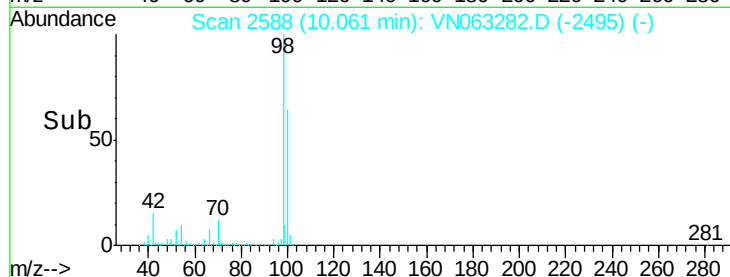
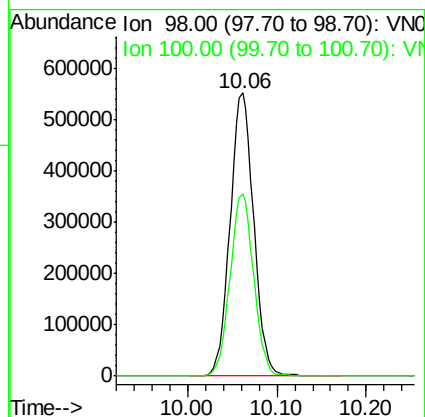
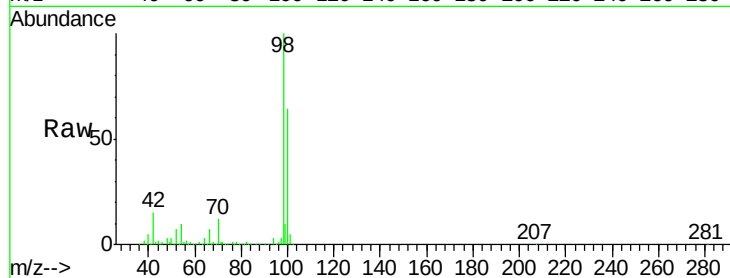
SP-1-1

Tot Ion: 98 Resp: 1013707

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 57.620 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

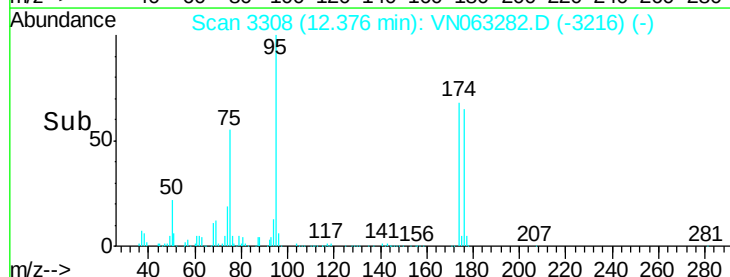
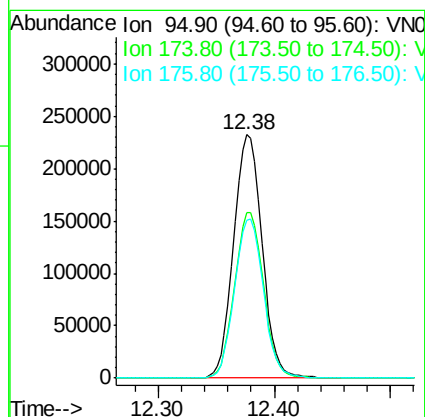
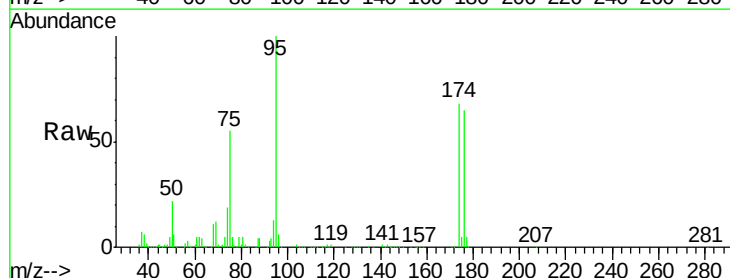
Tgt Ion: 95 Resp: 393783

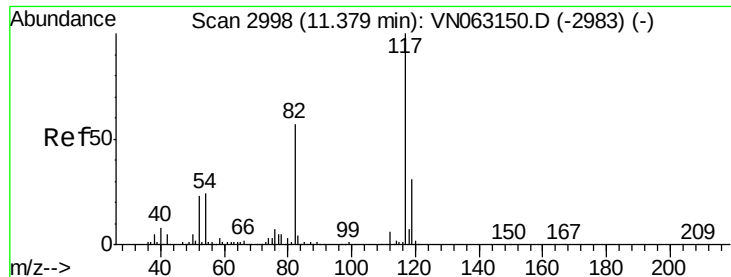
Ion Ratio Lower Upper

95 100

174 69.1 0.0 143.8

176 66.5 0.0 138.4

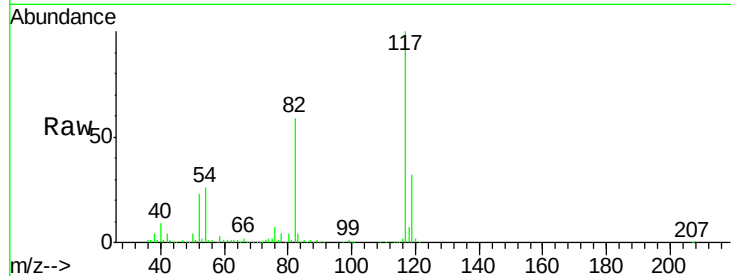




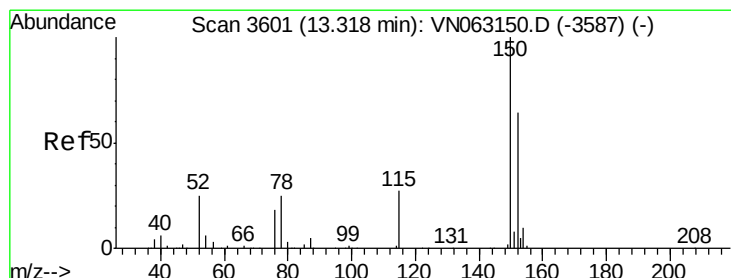
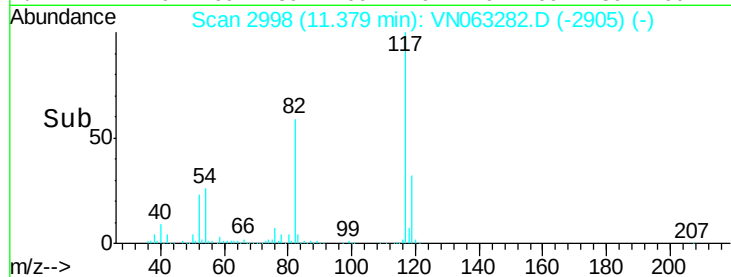
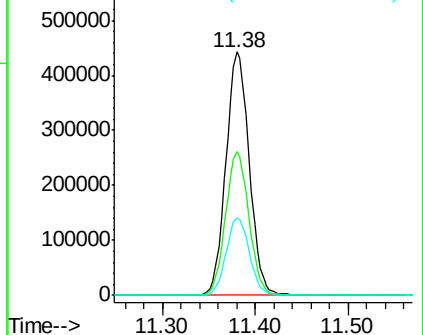
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Instrument :
MSVOA_N
ClientSampled :
SP-1-1

Tot Ion:117 Resp: 773141
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 31.8 24.6 37.0

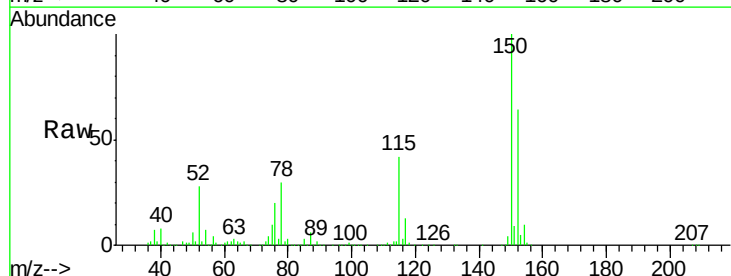


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion:152 Resp: 329938
Ion Ratio Lower Upper
152 100
115 63.9 32.0 96.2
150 154.2 0.0 353.0



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

