

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064067.D
 Acq On : 10 Oct 2020 4:25
 Operator : JC/MD
 Sample : L4318-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 214

Quant Time: Oct 10 05:53:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

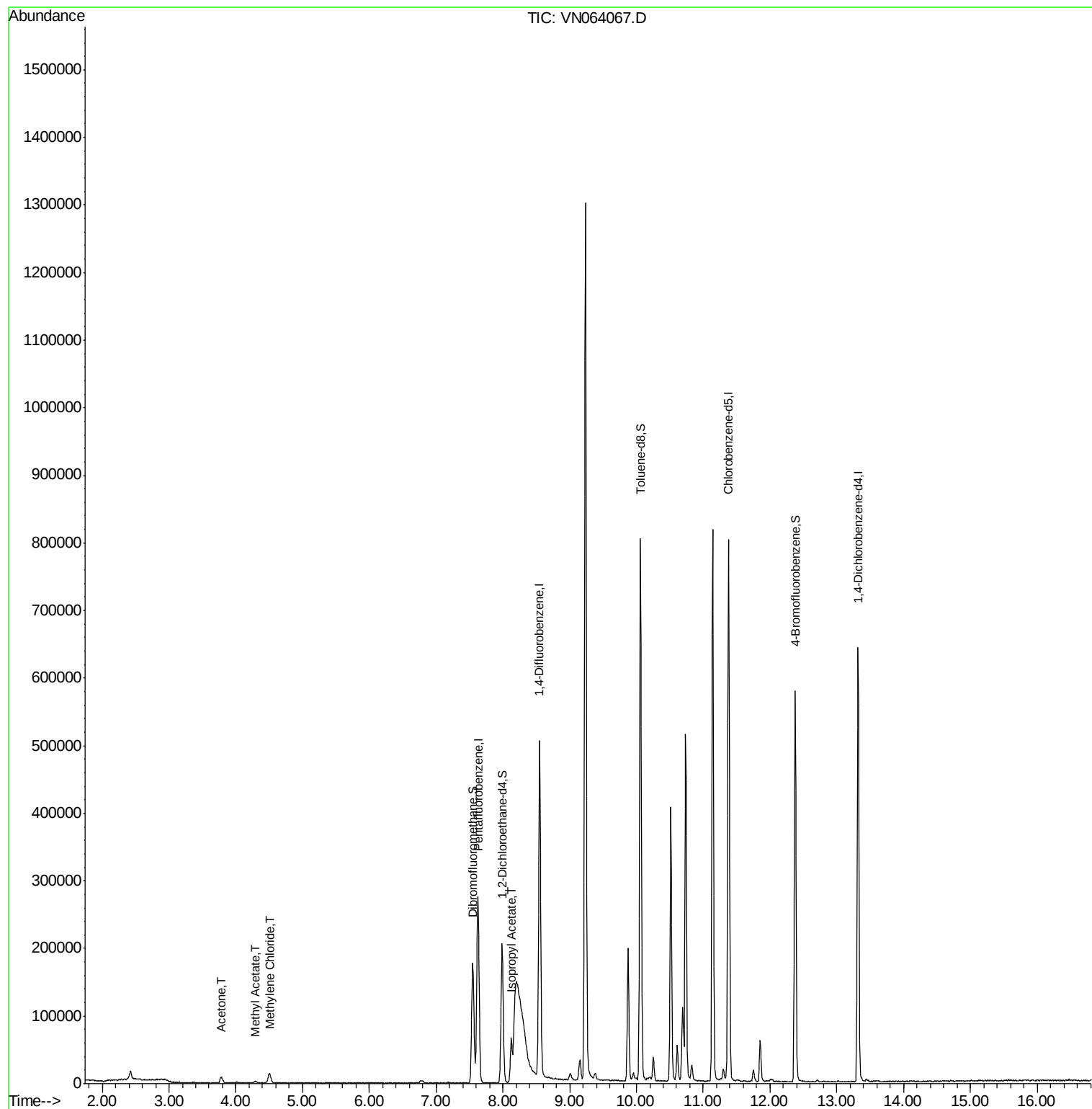
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	205726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185337	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	7.55	113	135790	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	10.06	98	522478	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.38	95	196948	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
16) Acetone	3.78	43	16465	15.737	ug/l	91
18) Methyl Acetate	4.29	43	5185	1.909	ug/l #	61
20) Methylene Chloride	4.51	84	10832	4.609	ug/l #	86
43) Isopropyl Acetate	8.13	43	74564	10.772	ug/l	97

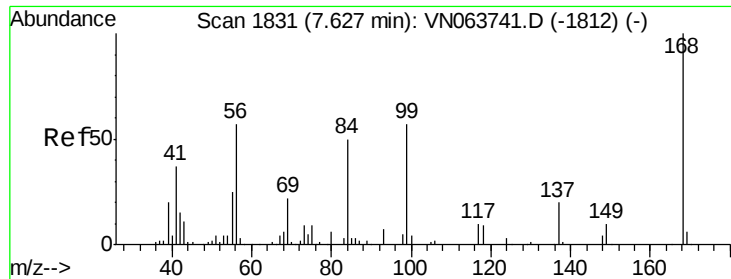
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064067.D

Acq: 10 Oct 2020 4:25

Instrument :

MSVOA_N

ClientSampleId :

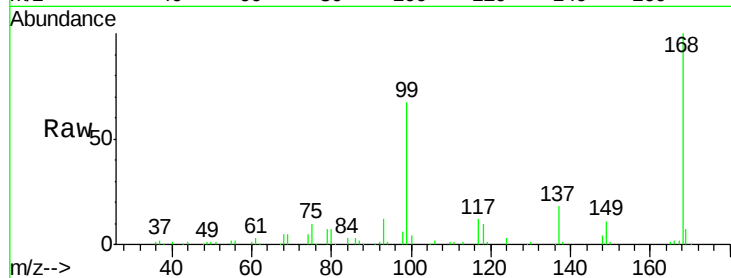
214

Tot Ion:168 Resp: 205726

Ion Ratio Lower Upper

168 100

99 66.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

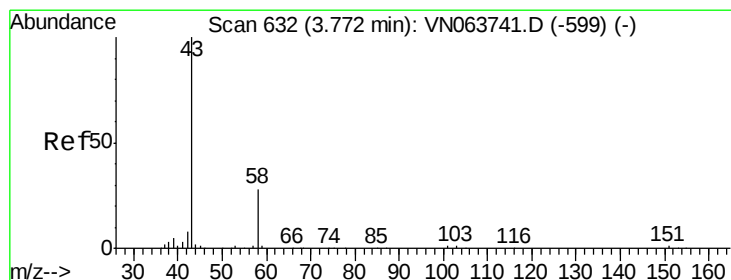
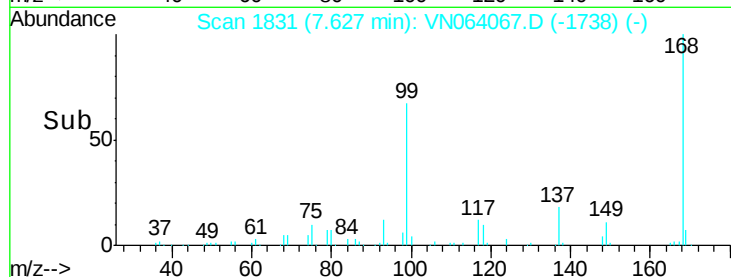
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 15.737 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064067.D

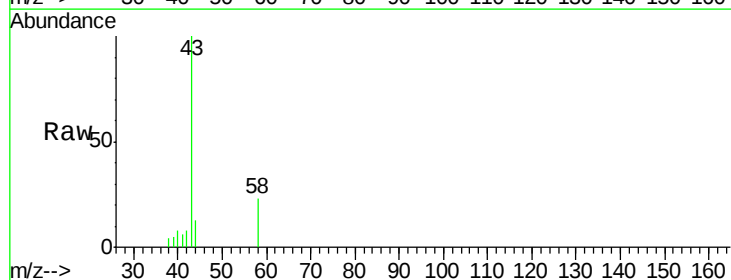
Acq: 10 Oct 2020 4:25

Tgt Ion: 43 Resp: 16465

Ion Ratio Lower Upper

43 100

58 23.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

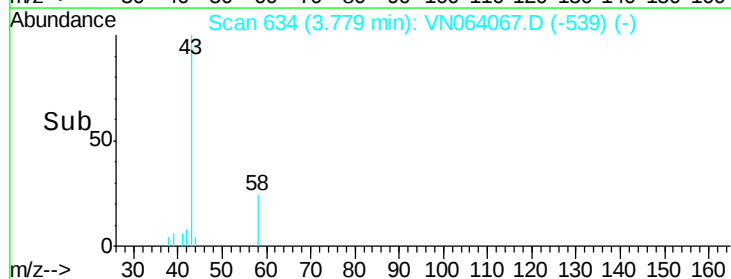
6000

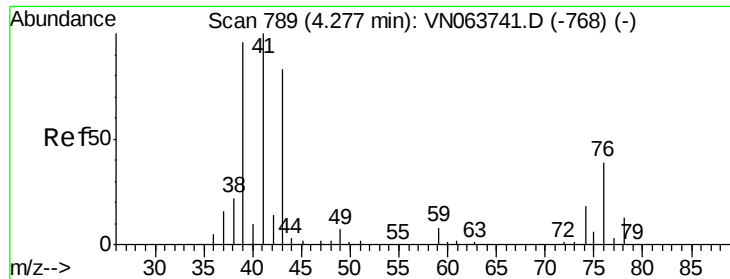
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

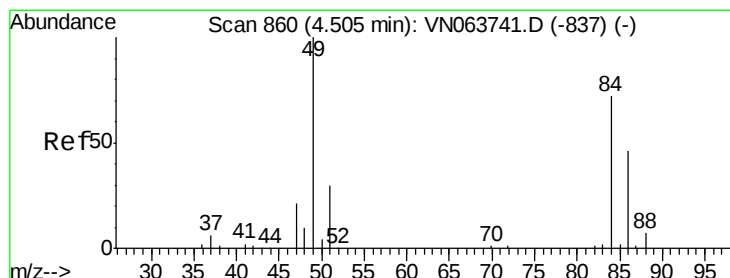
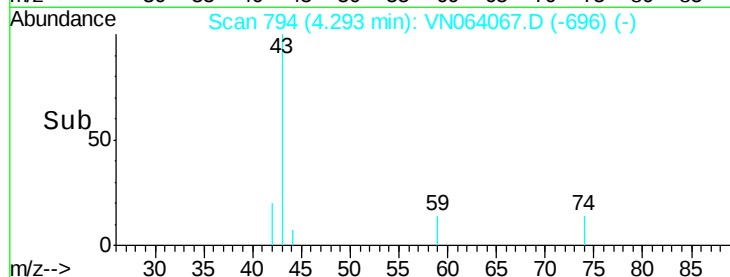
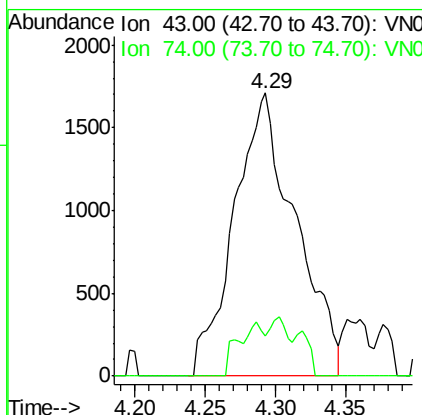
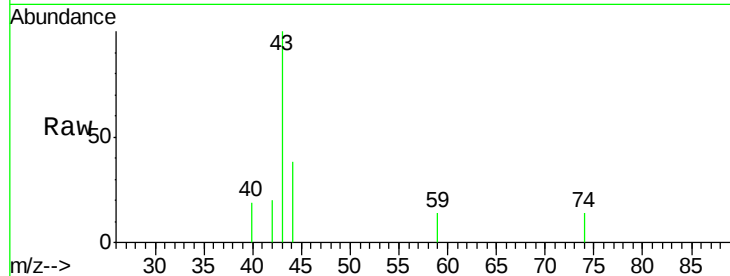




#18
Methyl Acetate
Concen: 1.909 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN064067.D
Acq: 10 Oct 2020 4:25

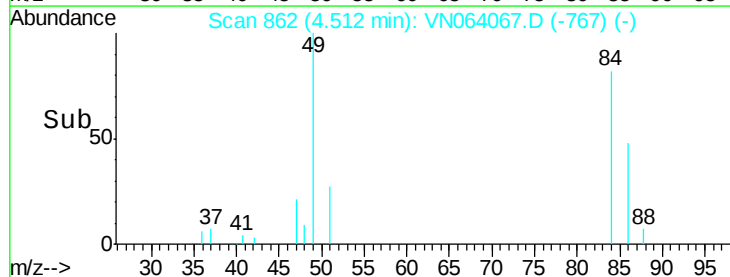
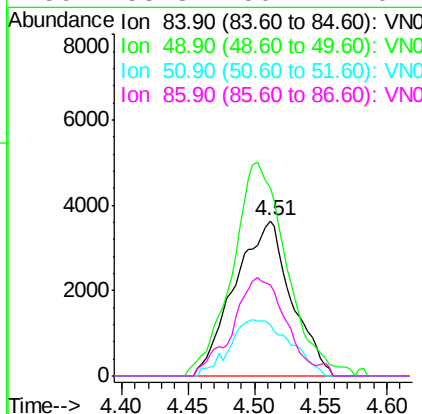
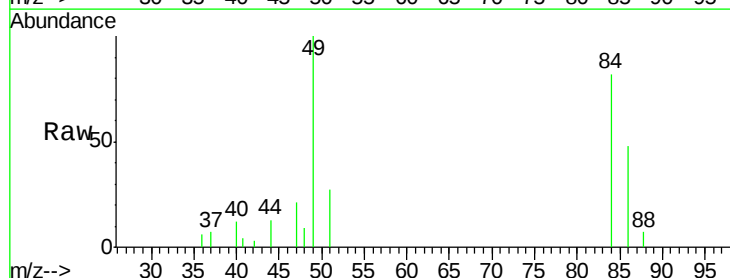
Instrument :
MSVOA_N
ClientSampleId :
214

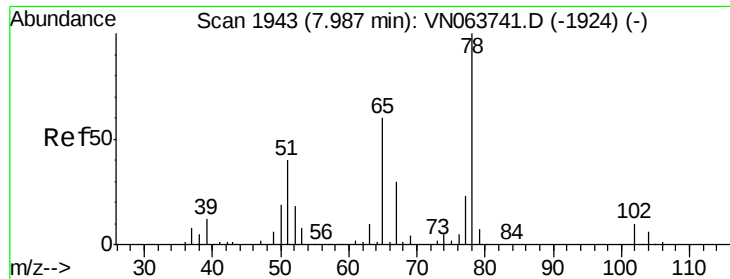
Tot Ion: 43 Resp: 5185
Ion Ratio Lower Upper
43 100
74 3.3 17.4 26.2#



#20
Methylene Chloride
Concen: 4.609 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064067.D
Acq: 10 Oct 2020 4:25

Tgt Ion: 84 Resp: 10832
Ion Ratio Lower Upper
84 100
49 116.9 110.4 165.6
51 33.2 33.3 49.9#
86 58.3 50.7 76.1

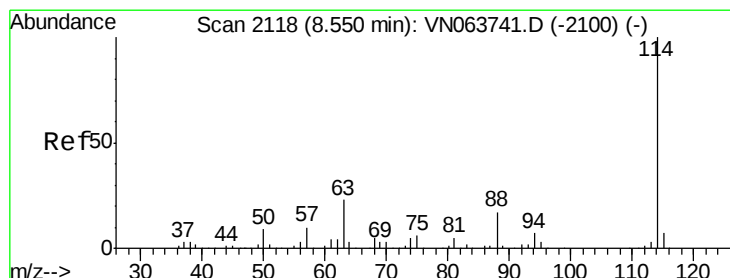
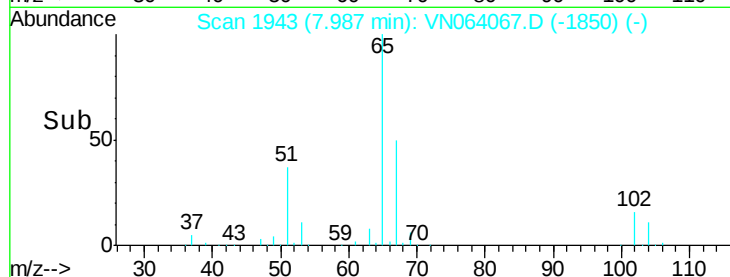
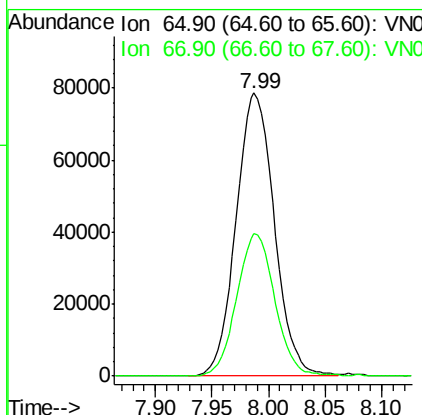
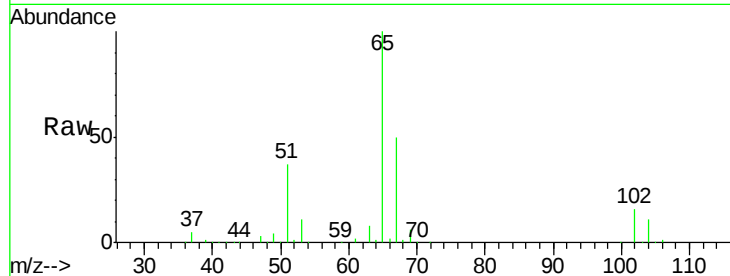




#33
 1,2-Dichloroethane-d4
 Concen: 54.531 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064067.D
 Acq: 10 Oct 2020 4:25

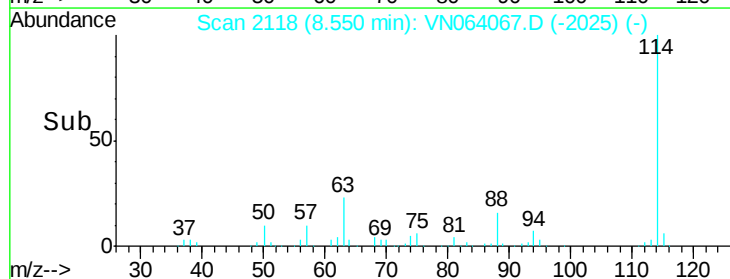
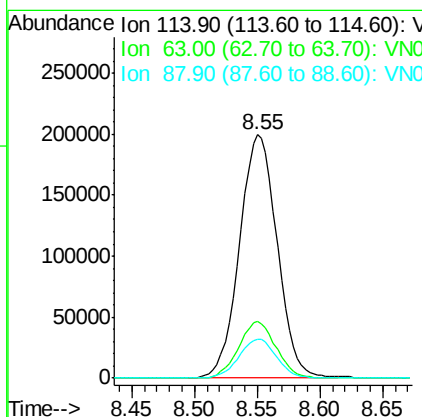
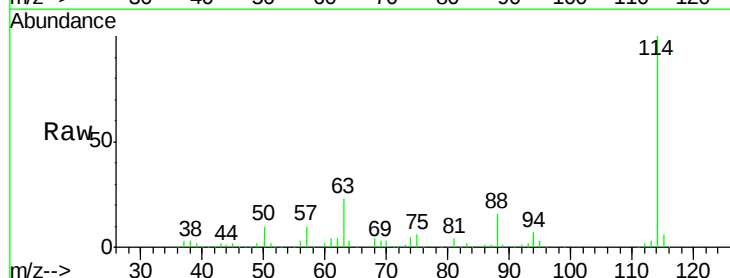
Instrument :
 MSVOA_N
 ClientSampleId :
 214

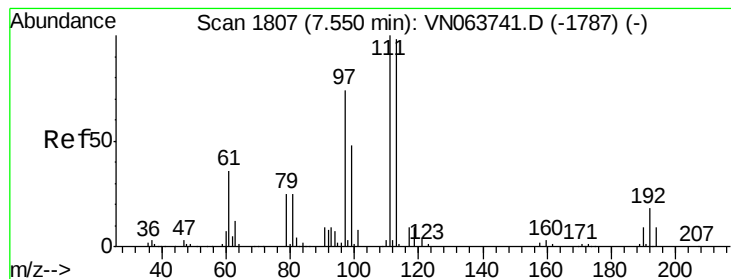
Tot Ion: 65 Resp: 185337
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064067.D
 Acq: 10 Oct 2020 4:25

Tgt Ion: 114 Resp: 416924
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.938 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064067.D

Acq: 10 Oct 2020 4:25

Instrument :
MSVOA_N
ClientSampled :
214

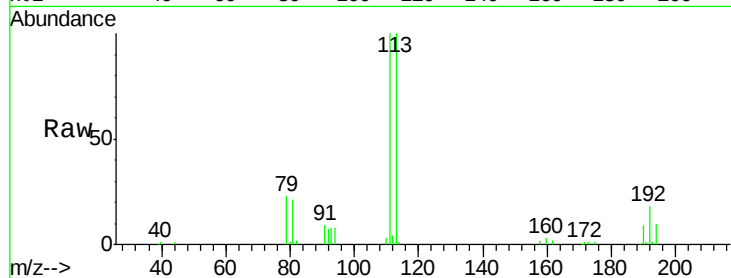
Tot Ion:113 Resp: 135790

Ion Ratio Lower Upper

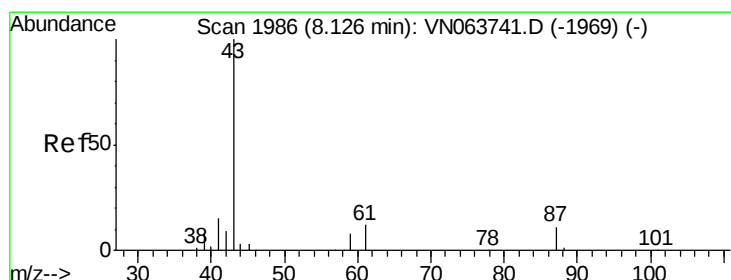
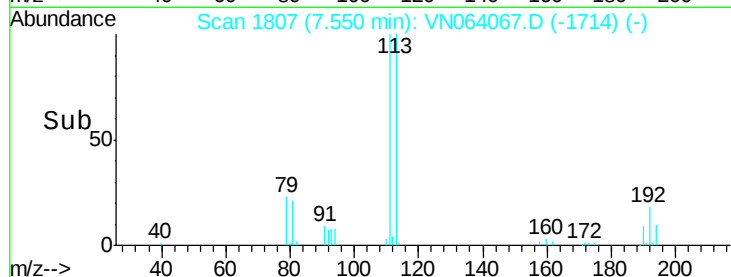
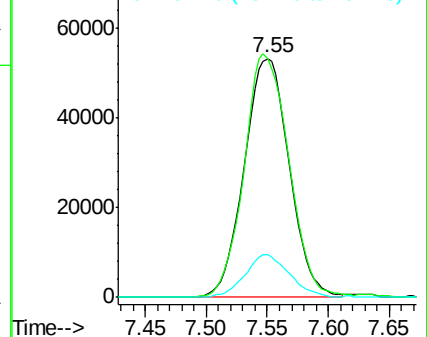
113 100

111 101.5 81.8 122.8

192 17.6 14.2 21.2



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: 10.772 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064067.D

Acq: 10 Oct 2020 4:25

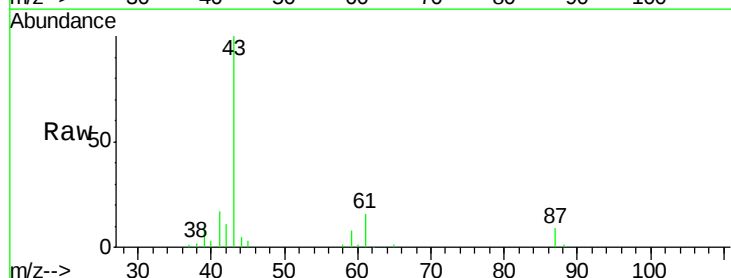
Tgt Ion: 43 Resp: 74564

Ion Ratio Lower Upper

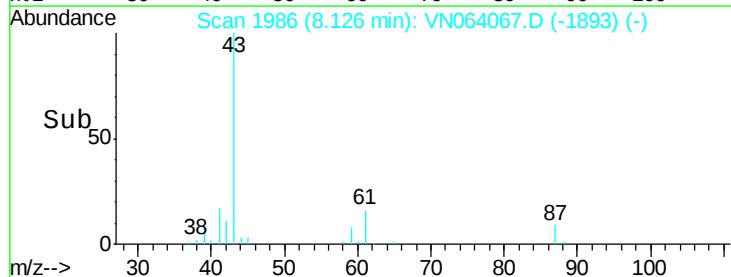
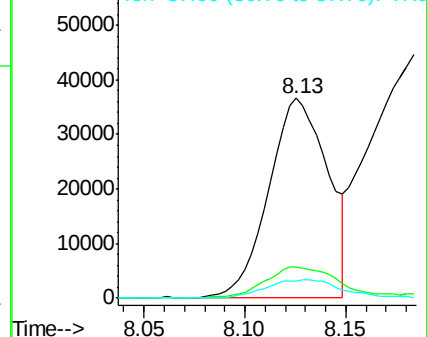
43 100

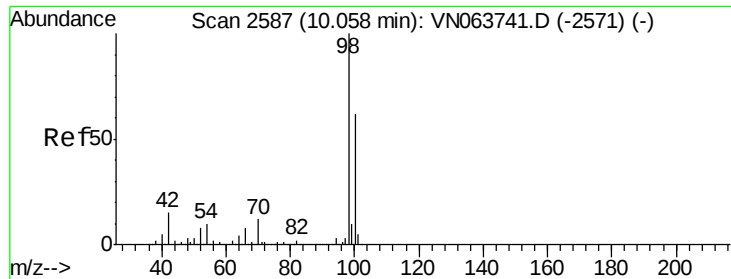
61 19.5 14.2 21.4

87 11.8 9.0 13.6



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





#50

Toluene-d8

Concen: 47.642 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064067.D

Acq: 10 Oct 2020 4:25

Instrument :

MSVOA_N

ClientSampleId :

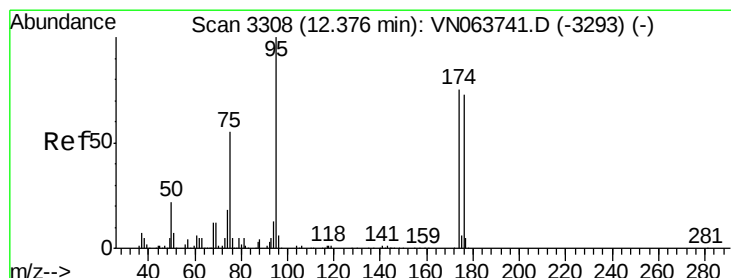
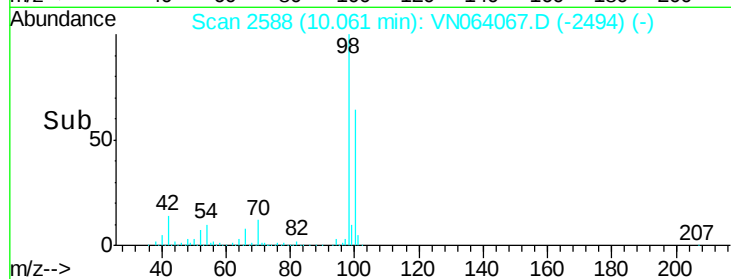
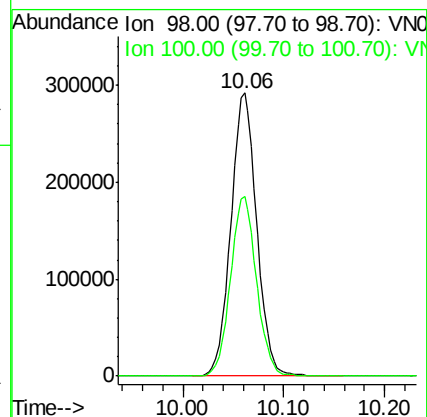
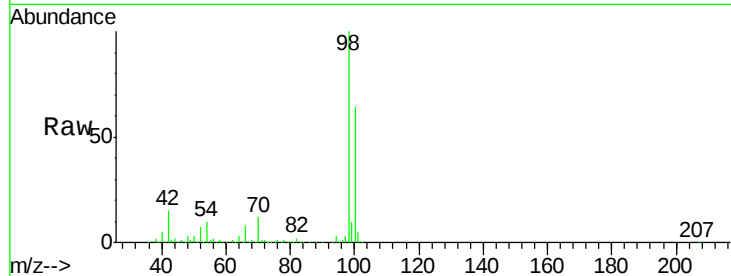
214

Tot Ion: 98 Resp: 522478

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 47.774 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064067.D

Acq: 10 Oct 2020 4:25

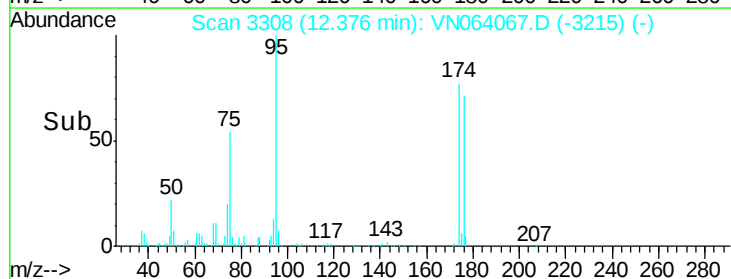
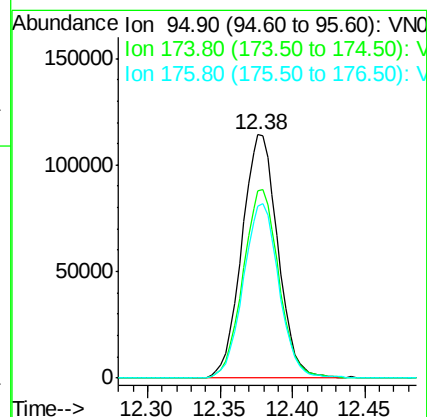
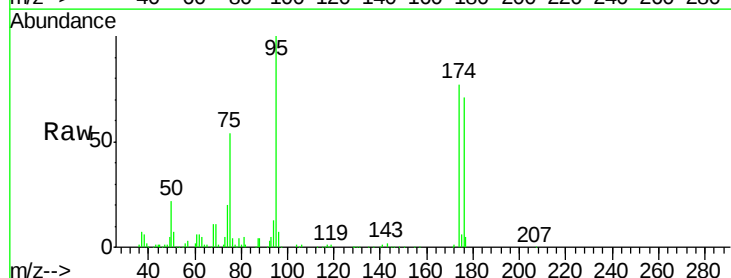
Tgt Ion: 95 Resp: 196948

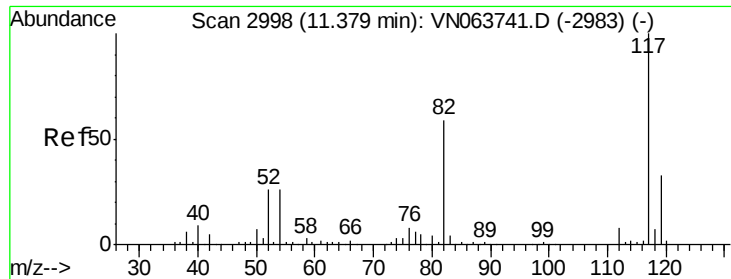
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.6

176 71.0 0.0 145.4

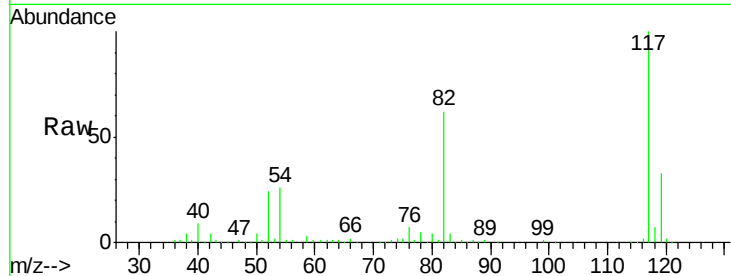




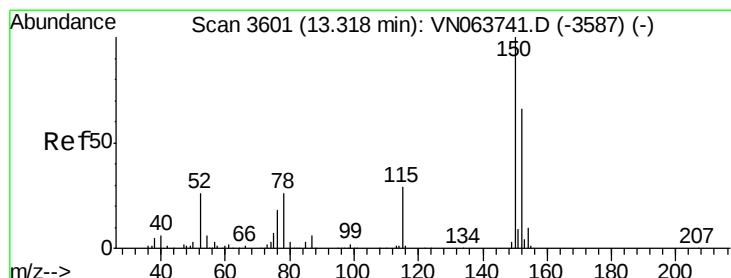
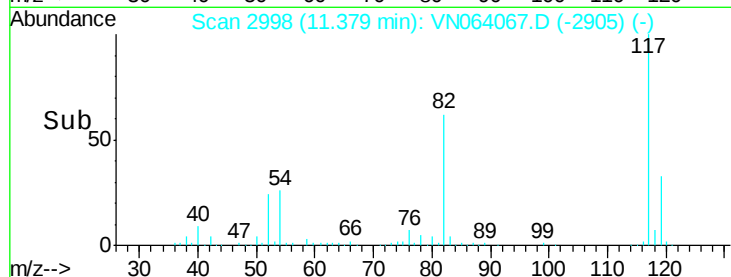
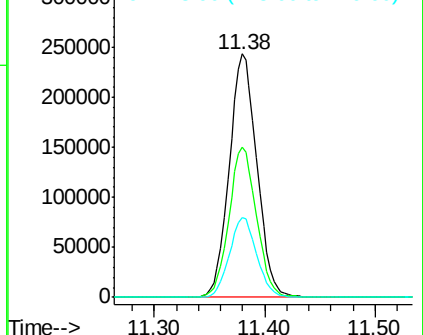
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064067.D
Acq: 10 Oct 2020 4:25

Instrument :
MSVOA_N
ClientSampled :
214

Tot Ion:117 Resp: 423504
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 32.9 26.4 39.6

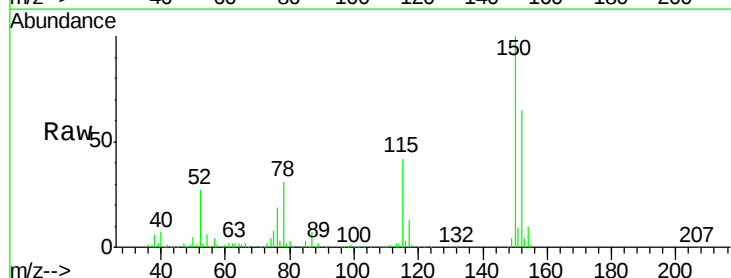


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064067.D
Acq: 10 Oct 2020 4:25

Tgt Ion:152 Resp: 161345
Ion Ratio Lower Upper
152 100
115 64.6 31.3 93.8
150 157.9 0.0 341.8



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

