

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064066.D
 Acq On : 10 Oct 2020 4:01
 Operator : JC/MD
 Sample : L4317-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11935

Quant Time: Oct 10 04:49:44 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

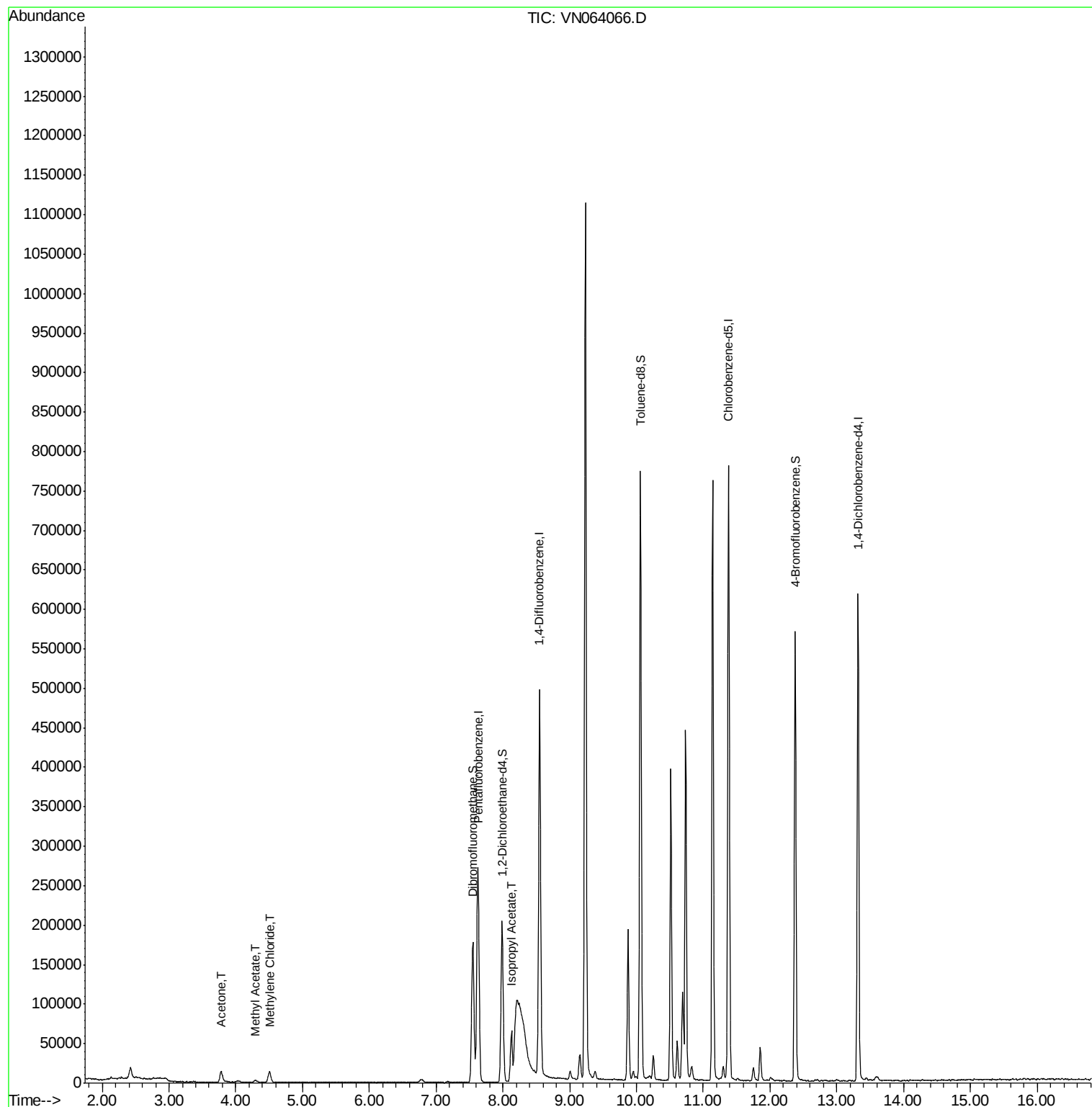
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181497	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	7.55	113	135579	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.06	98	516206	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	192518	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
16) Acetone	3.78	43	26164	25.158	ug/l	98
18) Methyl Acetate	4.29	43	4273	1.582	ug/l #	80
20) Methylene Chloride	4.50	84	9426	4.047	ug/l	89
43) Isopropyl Acetate	8.13	43	75488	11.194	ug/l	99

(#) = 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: VN064066.D

Acq: 10 Oct 2020 4:01

Instrument :

MSVOA_N

ClientSampleId :

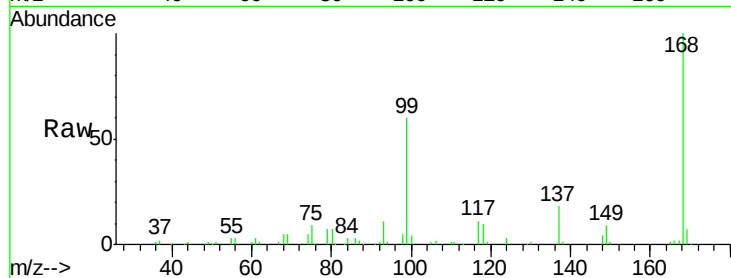
11935

Tot Ion:168 Resp: 204496

Ion Ratio Lower Upper

168 100

99 60.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN064066.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064066.D (-1738) (-)

7.63

80000

60000

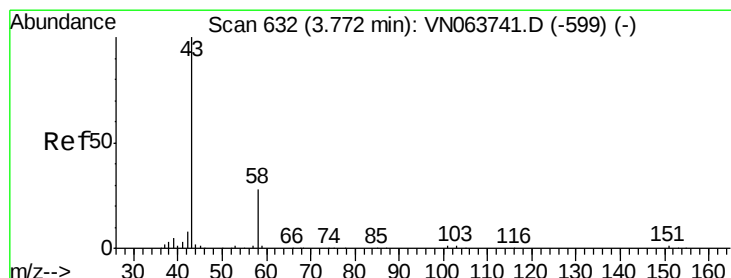
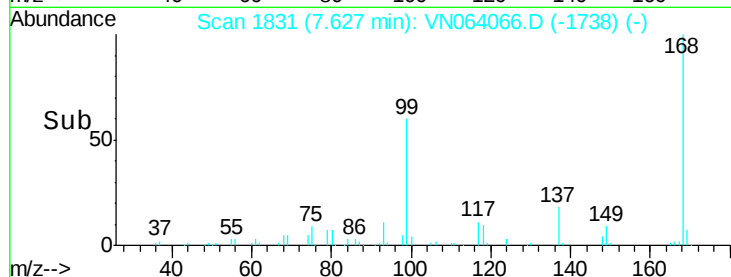
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 25.158 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064066.D

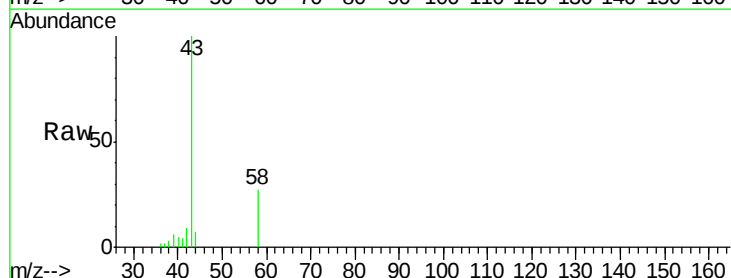
Acq: 10 Oct 2020 4:01

Tgt Ion: 43 Resp: 26164

Ion Ratio Lower Upper

43 100

58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN064066.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064066.D (-539) (-)

3.78

10000

8000

6000

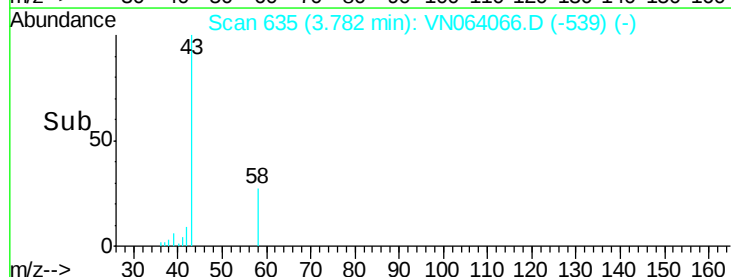
4000

2000

0

3.70 3.80 3.90

Time-->

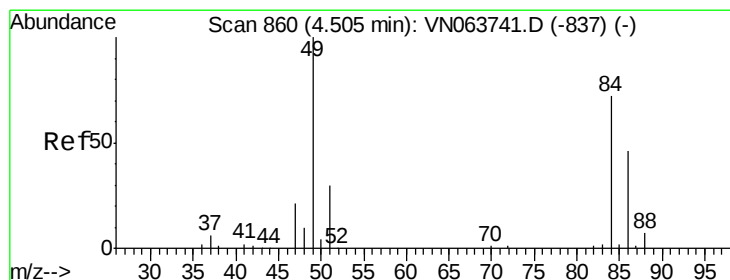
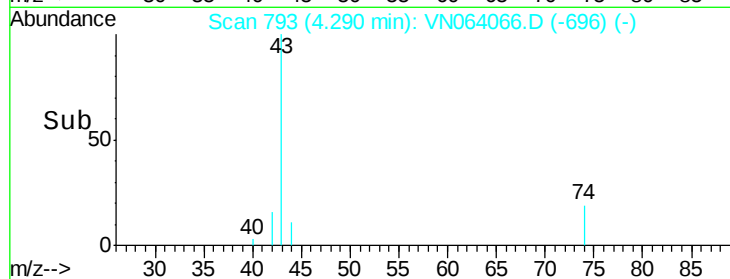
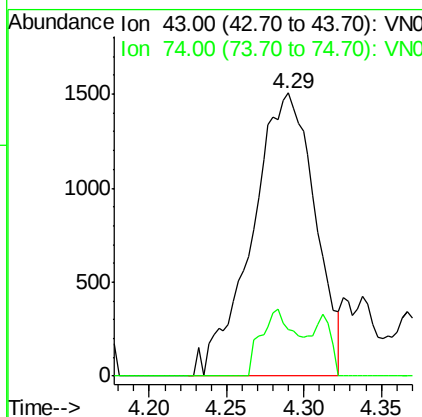
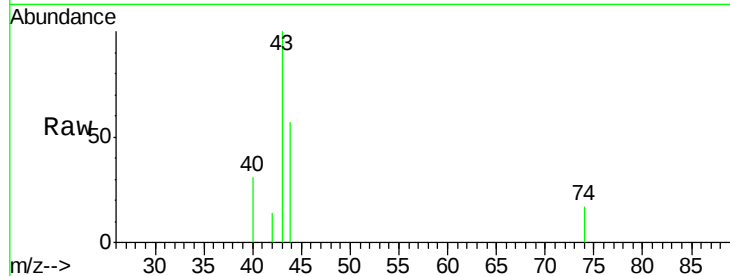




#18
Methyl Acetate
Concen: 1.582 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064066.D
Acq: 10 Oct 2020 4:01

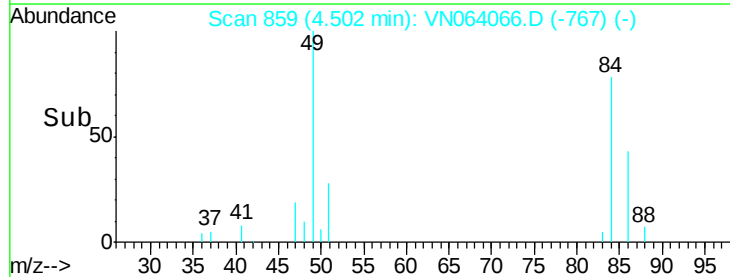
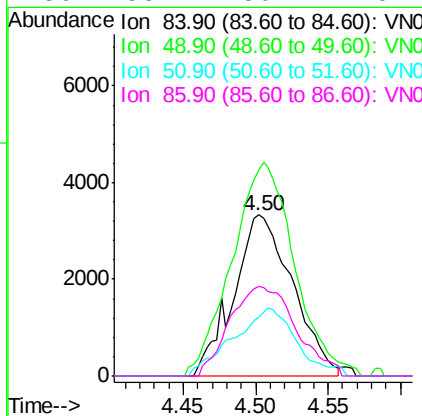
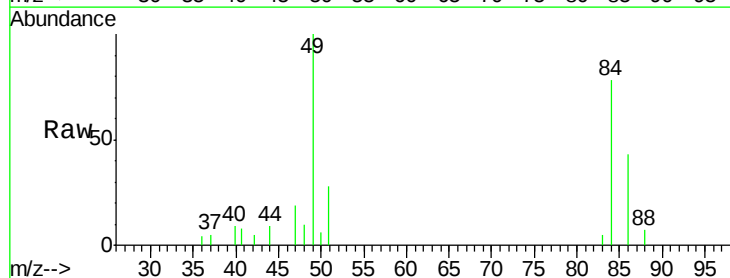
Instrument :
MSVOA_N
ClientSampled :
11935

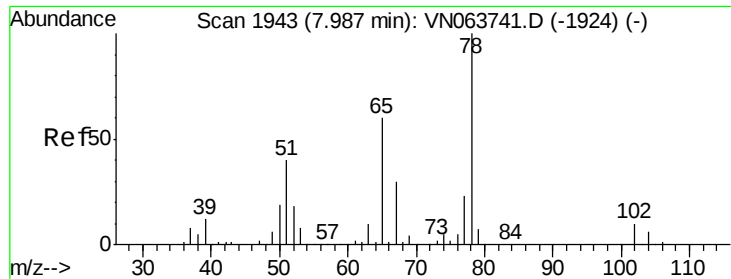
Tot Ion: 43 Resp: 4273
Ion Ratio Lower Upper
43 100
74 12.5 17.4 26.2#



#20
Methylene Chloride
Concen: 4.047 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064066.D
Acq: 10 Oct 2020 4:01

Tgt Ion: 84 Resp: 9426
Ion Ratio Lower Upper
84 100
49 122.7 110.4 165.6
51 36.4 33.3 49.9
86 55.7 50.7 76.1

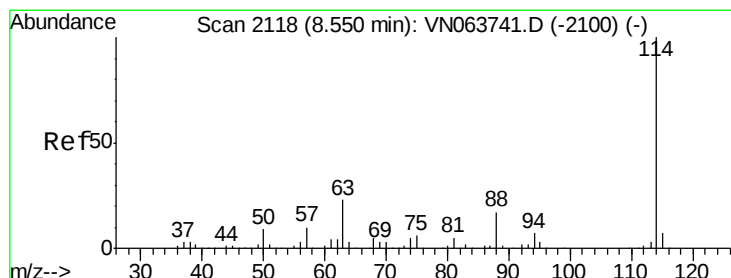
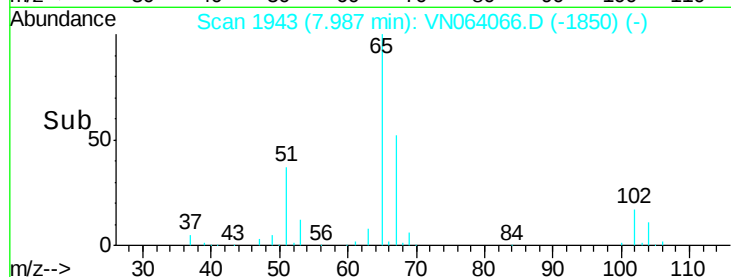
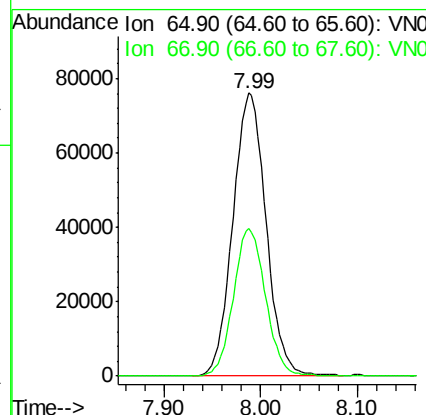
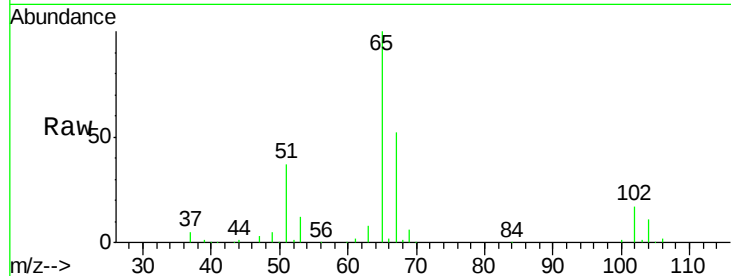




#33
 1,2-Dichloroethane-d4
 Concen: 53.723 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064066.D
 Acq: 10 Oct 2020 4:01

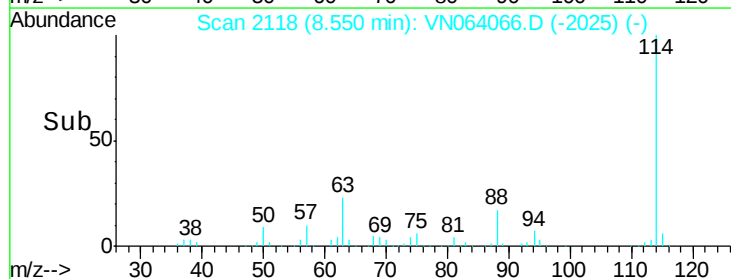
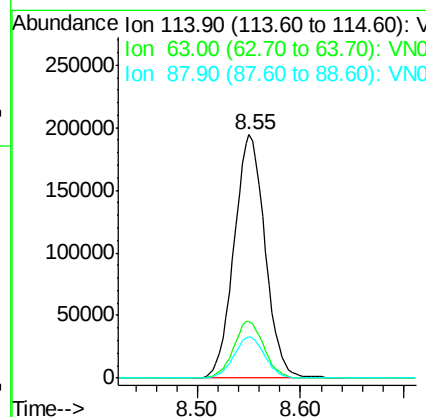
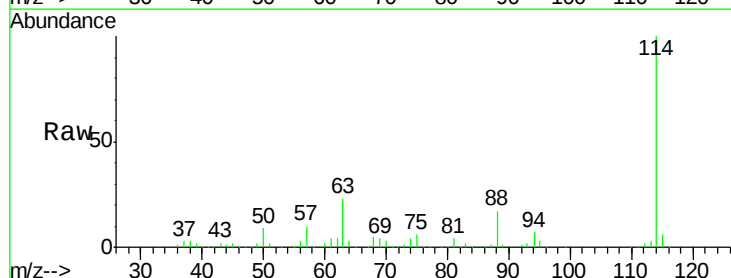
Instrument :
 MSVOA_N
 ClientSampleId :
 11935

Tot Ion: 65 Resp: 181497
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VN064066.D
 Acq: 10 Oct 2020 4:01

Tgt Ion: 114 Resp: 406172
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 17.1 0.0 34.0

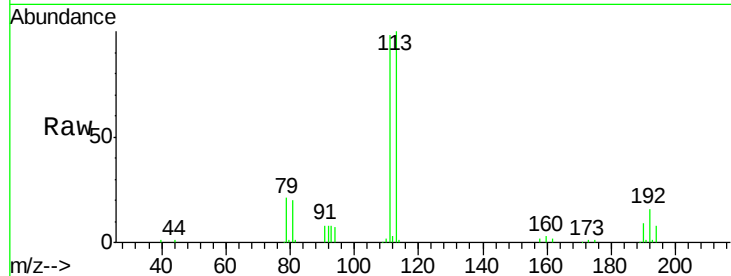




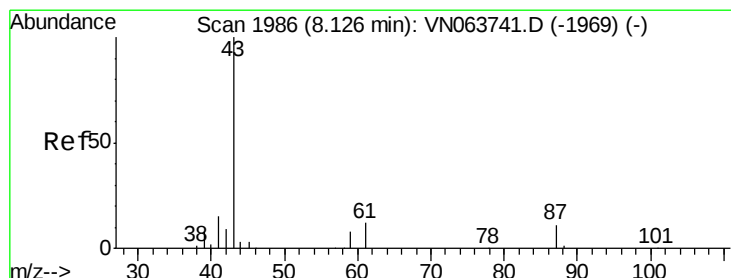
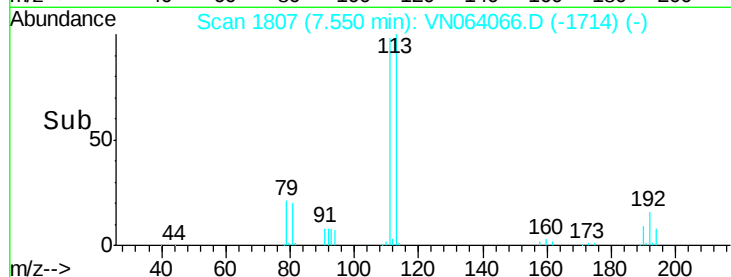
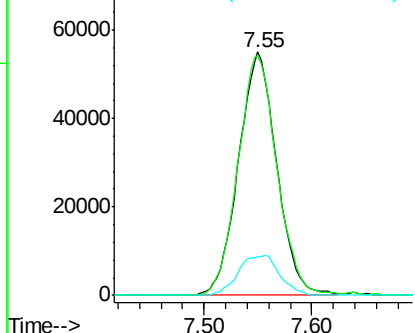
#35
 Dibromofluoromethane
 Concen: 48.106 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064066.D
 Acq: 10 Oct 2020 4:01

Instrument :
 MSVOA_N
 ClientSampled :
 11935

Tot Ion:113 Resp: 135579
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.8 122.8
 192 17.8 14.2 21.2

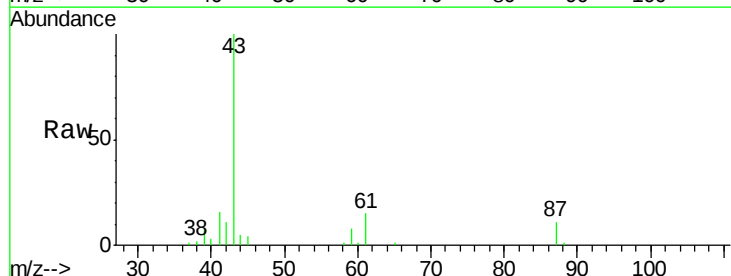


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

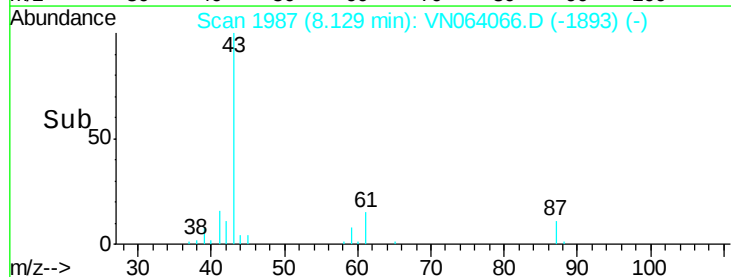
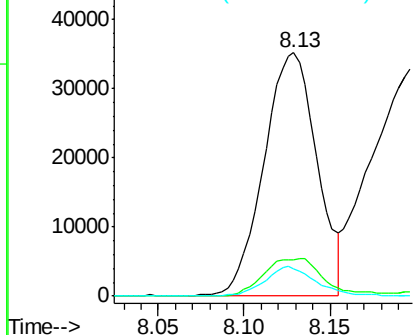


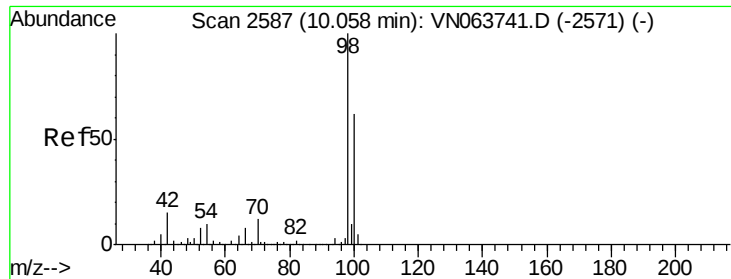
#43
 Isopropyl Acetate
 Concen: 11.194 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064066.D
 Acq: 10 Oct 2020 4:01

Tgt Ion: 43 Resp: 75488
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.2 21.4
 87 11.6 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: 48.316 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064066.D

Acq: 10 Oct 2020 4:01

Instrument :

MSVOA_N

ClientSampleId :

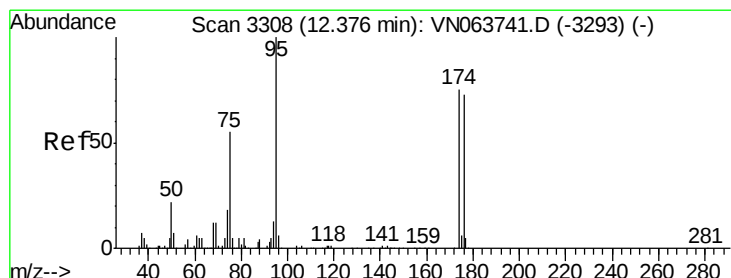
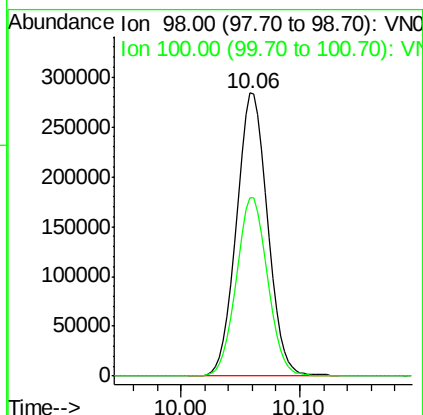
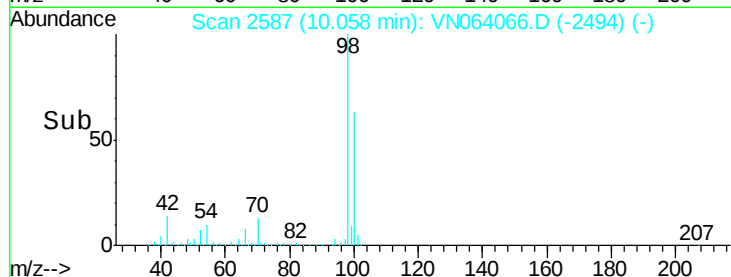
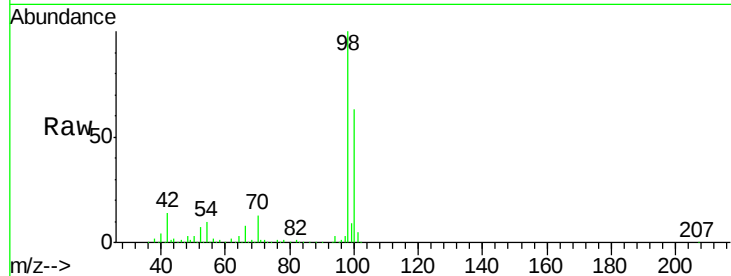
11935

Tot Ion: 98 Resp: 516206

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 47.935 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064066.D

Acq: 10 Oct 2020 4:01

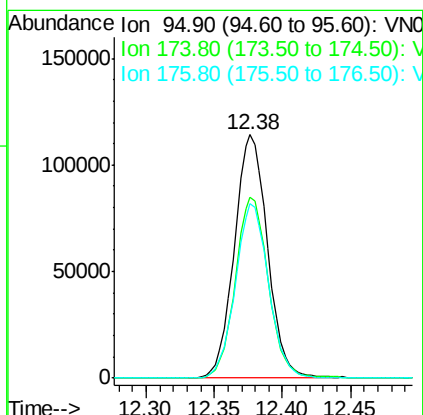
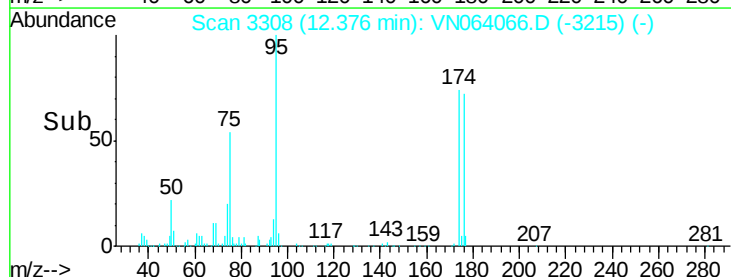
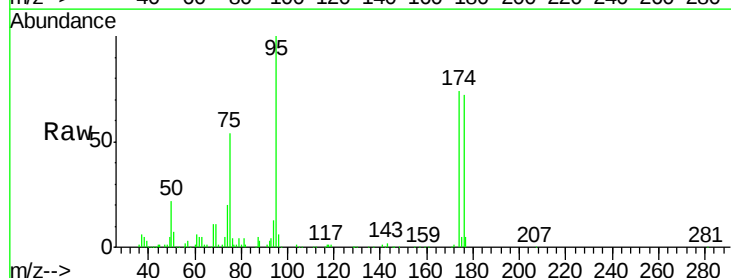
Tgt Ion: 95 Resp: 192518

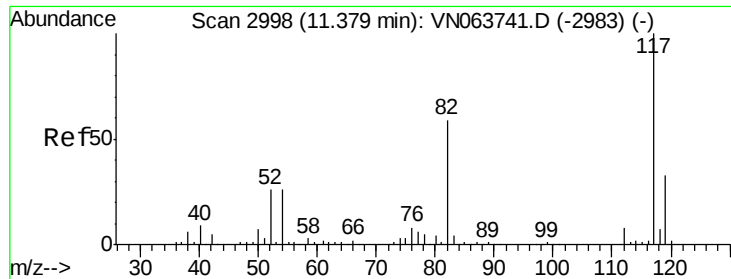
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

176 71.7 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: VN064066.D

Acq: 10 Oct 2020 4:01

Instrument :

MSVOA_N

ClientSampled :

11935

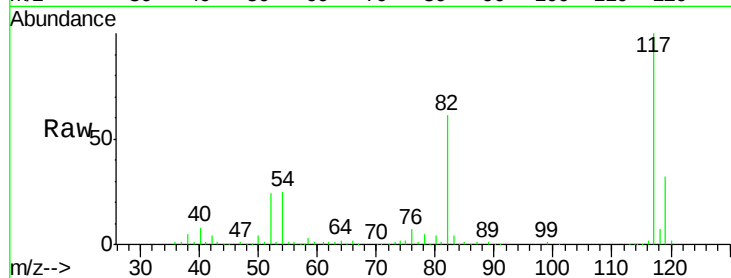
Tot Ion:117 Resp: 416429

Ion Ratio Lower Upper

117 100

82 60.7 47.4 71.2

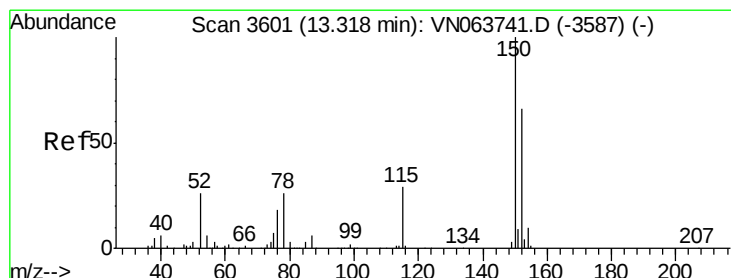
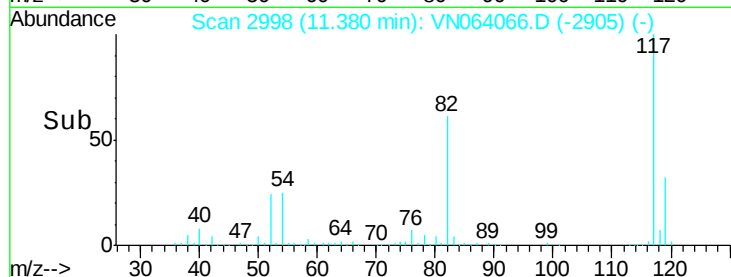
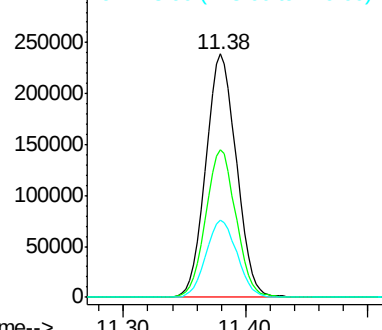
119 31.6 26.4 39.6



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: VN064066.D

Acq: 10 Oct 2020 4:01

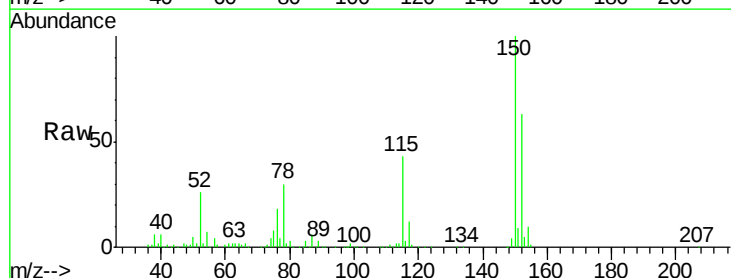
Tgt Ion:152 Resp: 153580

Ion Ratio Lower Upper

152 100

115 67.1 31.3 93.8

150 159.0 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

