

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064001.D
 Acq On : 8 Oct 2020 19:17
 Operator : JC/MD
 Sample : L4331-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-8-20

Quant Time: Oct 09 06:42:49 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

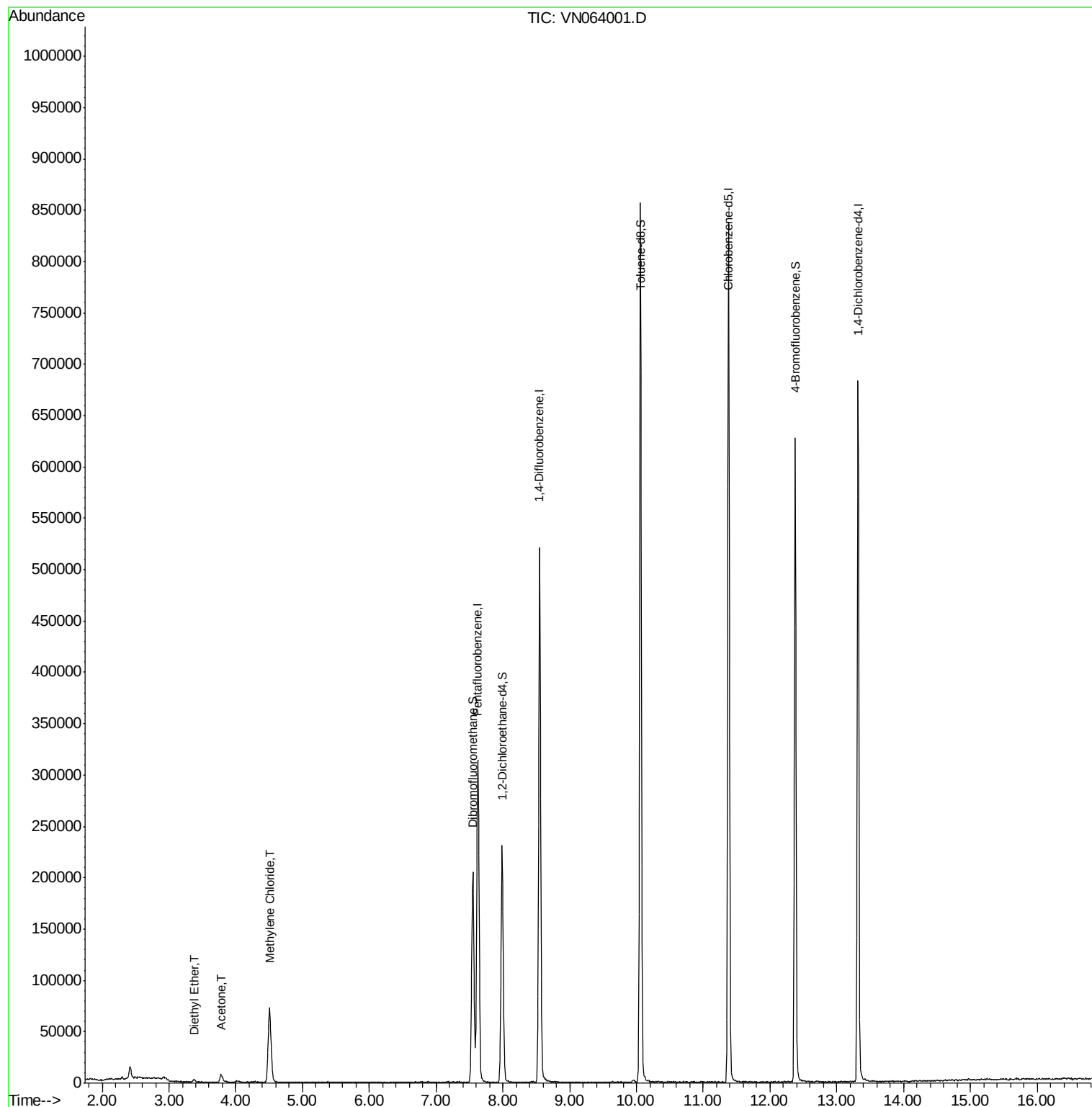
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	242566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202832	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.55	113	153306	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.06	98	571495	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.38	95	209917	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
8) Diethyl Ether	3.38	74	1267	0.784	ug/l	78
16) Acetone	3.78	43	12564	10.185	ug/l	100
20) Methylene Chloride	4.51	84	50615	17.976	ug/l	97

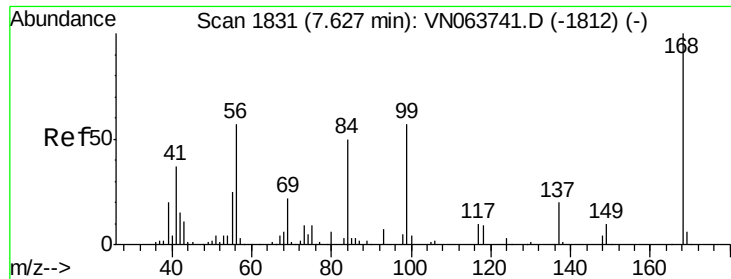
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064001.D

Acq: 8 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

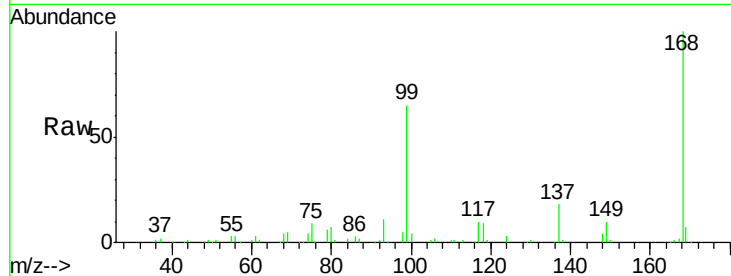
TB-10-8-20

Tot Ion:168 Resp: 242566

Ion Ratio Lower Upper

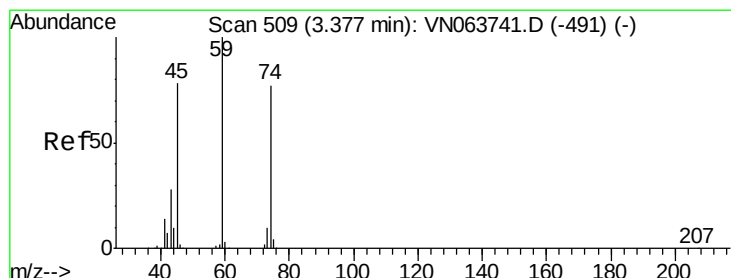
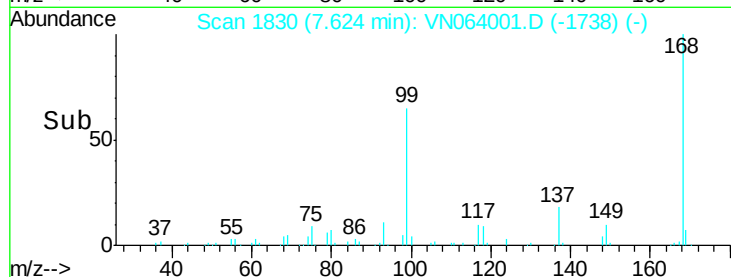
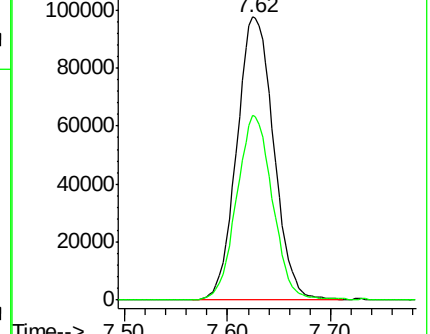
168 100

99 65.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 0.784 ug/l

RT: 3.38 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN064001.D

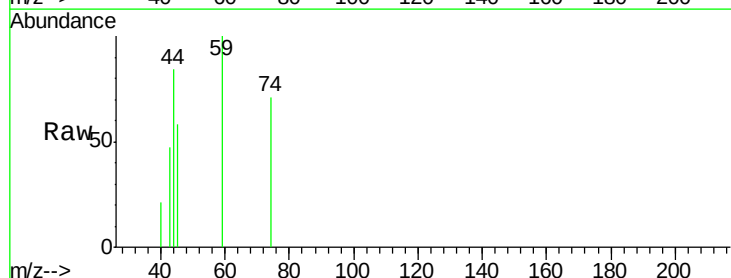
Acq: 8 Oct 2020 19:17

Tgt Ion: 74 Resp: 1267

Ion Ratio Lower Upper

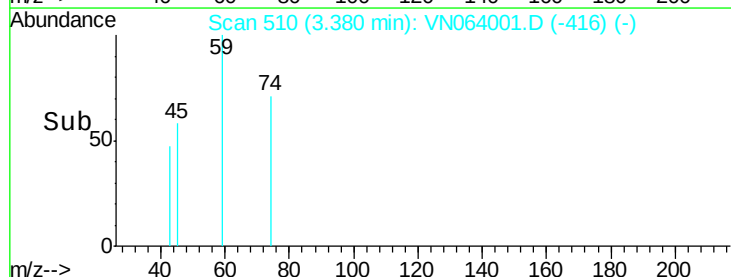
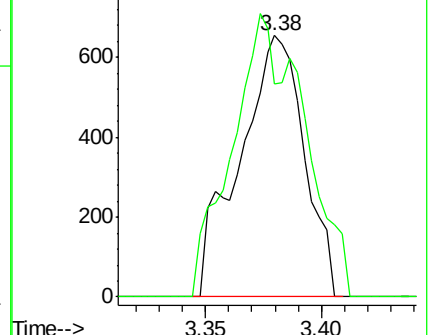
74 100

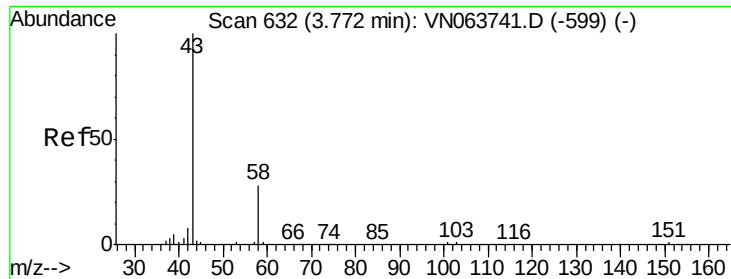
45 79.6 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 10.185 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064001.D

Acq: 8 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampled :

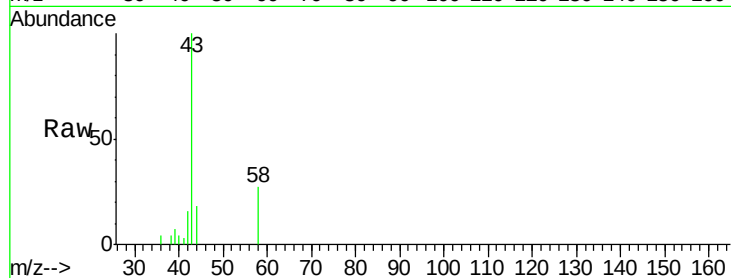
TB-10-8-20

Tot Ion: 43 Resp: 12564

Ion Ratio Lower Upper

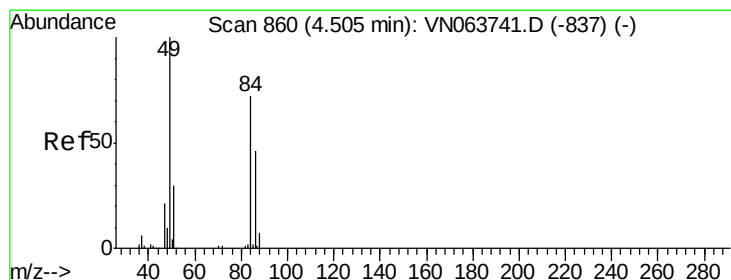
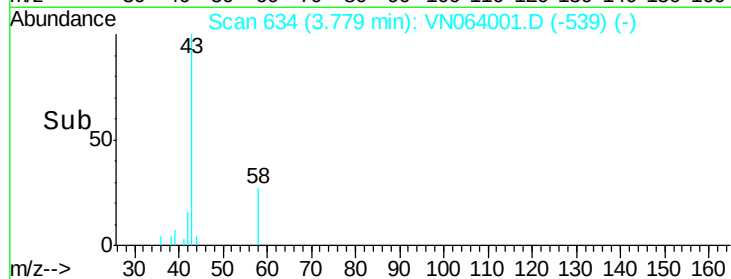
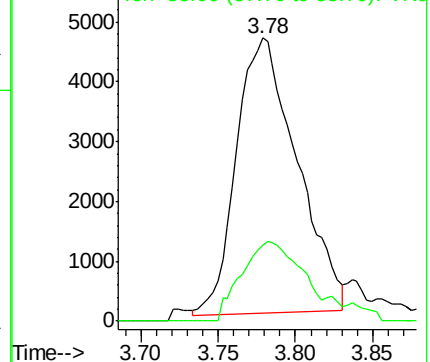
43 100

58 28.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 17.976 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064001.D

Acq: 8 Oct 2020 19:17

Tgt Ion: 84 Resp: 50615

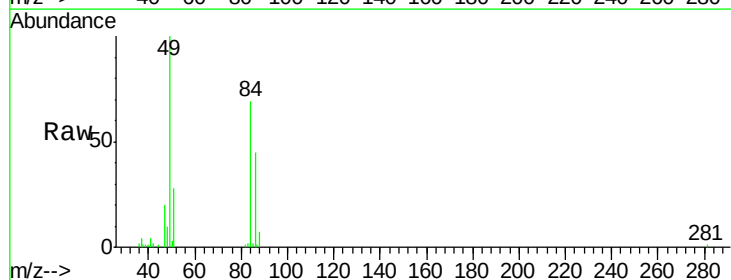
Ion Ratio Lower Upper

84 100

49 144.2 110.4 165.6

51 41.0 33.3 49.9

86 64.6 50.7 76.1

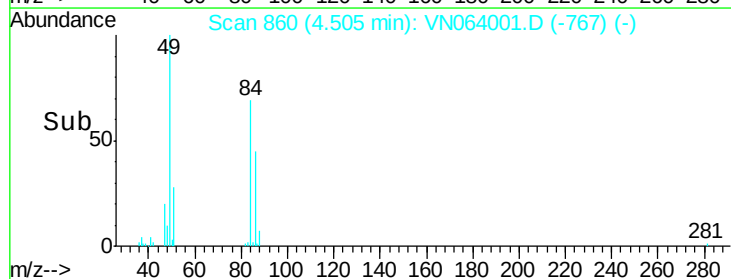
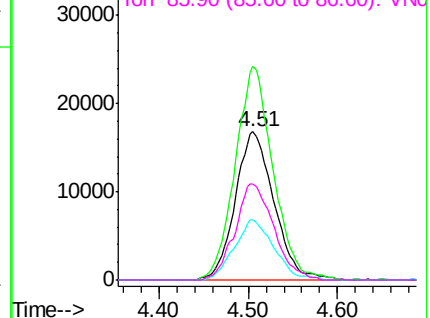


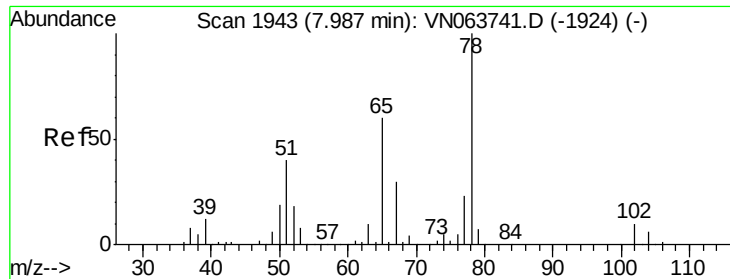
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

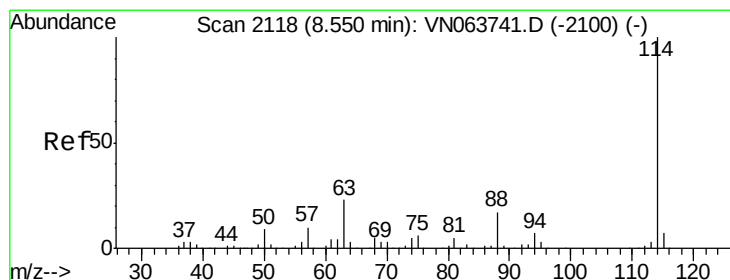
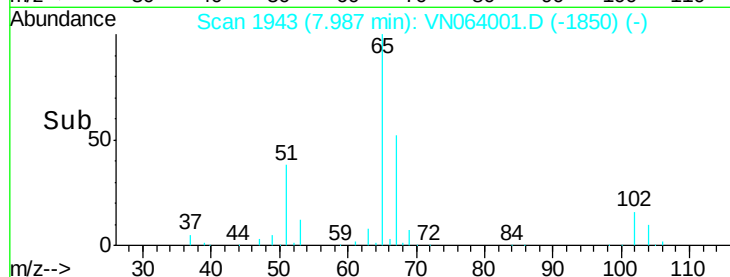
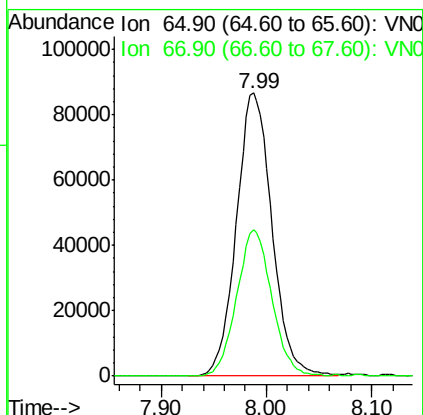
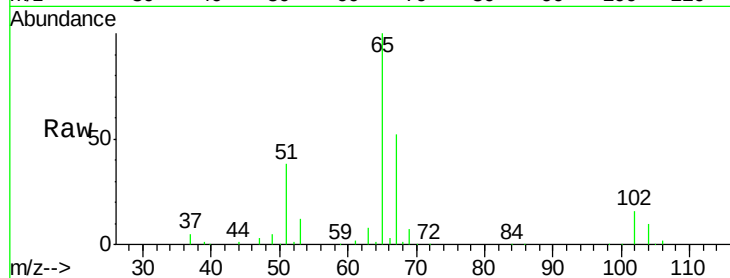




#33
 1,2-Dichloroethane-d4
 Concen: 50.615 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064001.D
 Acq: 8 Oct 2020 19:17

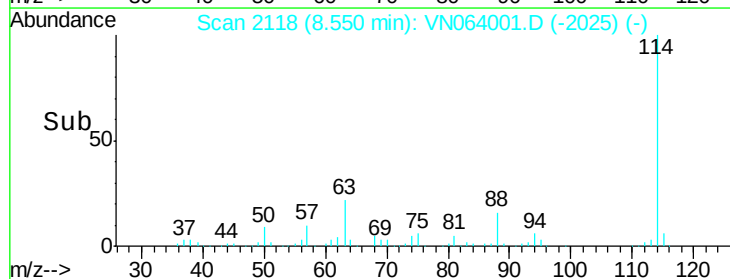
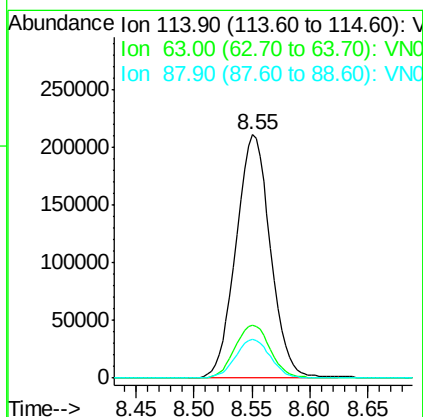
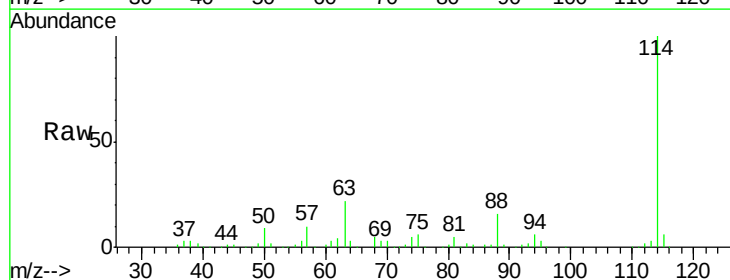
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-8-20

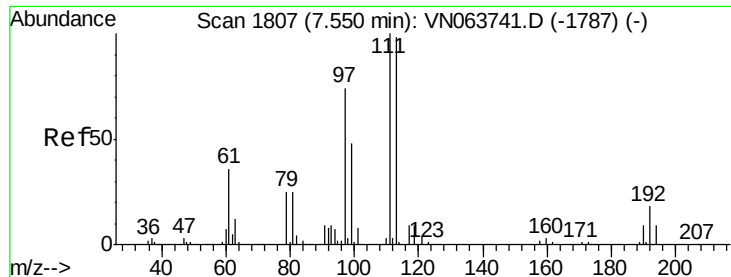
Tot Ion: 65 Resp: 202832
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064001.D
 Acq: 8 Oct 2020 19:17

Tgt Ion: 114 Resp: 436892
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 16.0 0.0 34.0

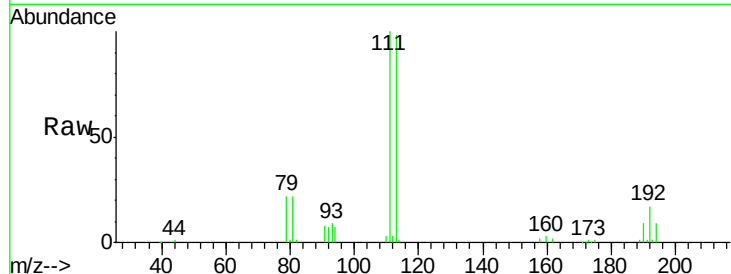




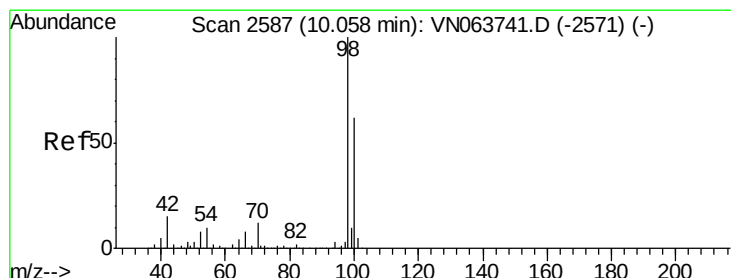
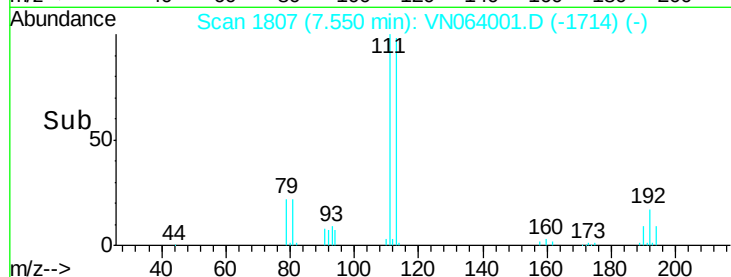
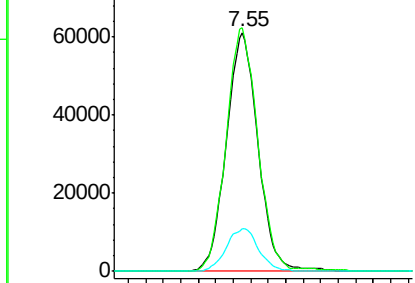
#35
 Dibromofluoromethane
 Concen: 50.571 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064001.D
 Acq: 8 Oct 2020 19:17

Instrument :
 MSVOA_N
 ClientSampled :
 TB-10-8-20

Tot Ion:113 Resp: 153306
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.8 122.8
 192 18.3 14.2 21.2

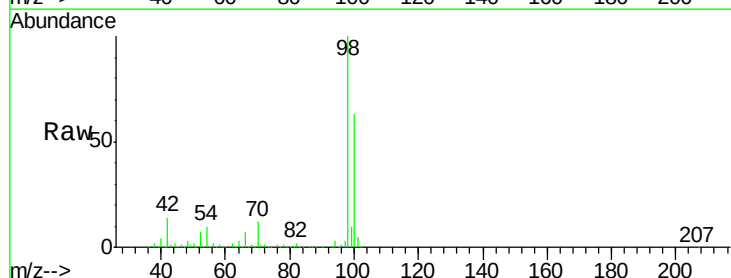


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

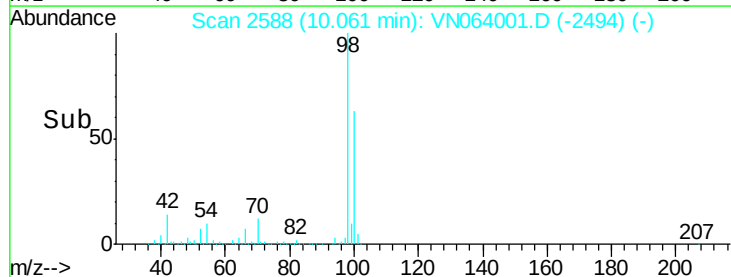
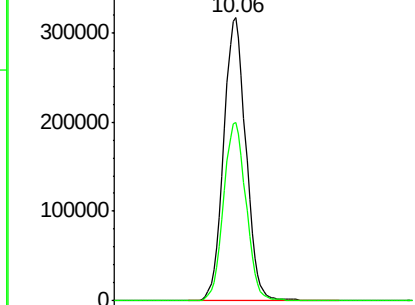


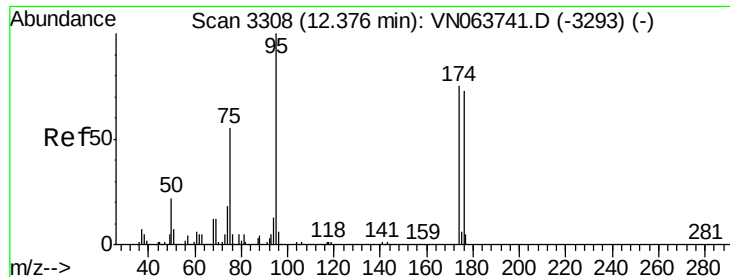
#50
 Toluene-d8
 Concen: 49.730 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064001.D
 Acq: 8 Oct 2020 19:17

Tgt Ion: 98 Resp: 571495
 Ion Ratio Lower Upper
 98 100
 100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN

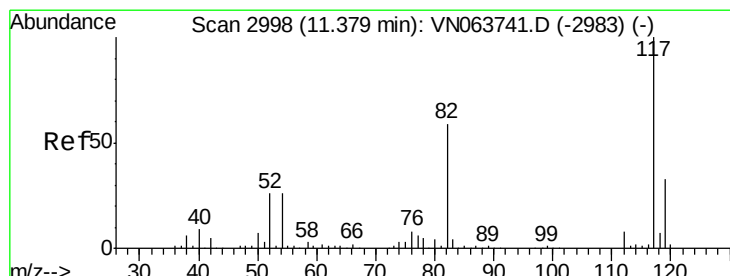
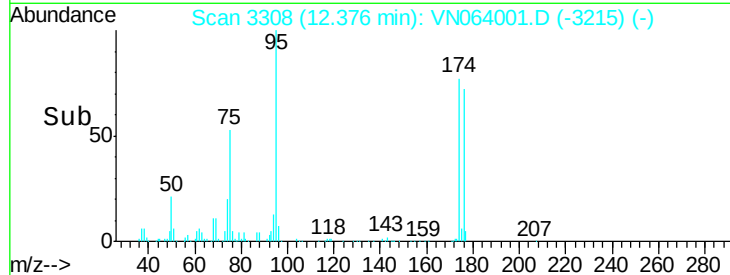
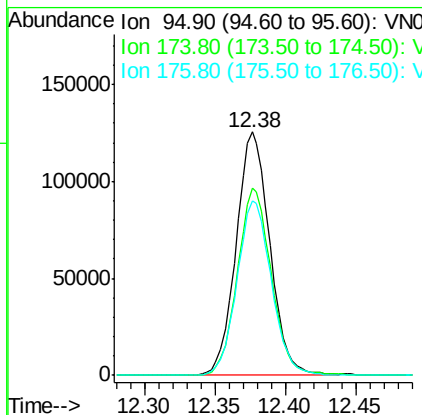
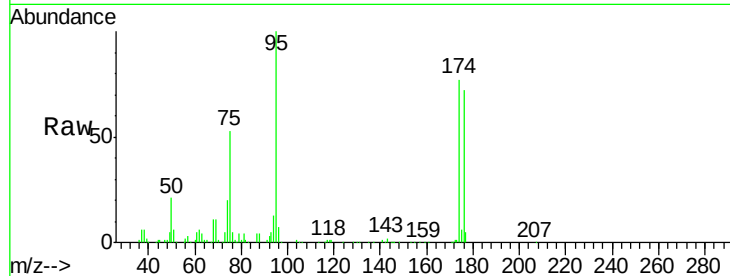




#62
4-Bromofluorobenzene
Concen: 48.592 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064001.D
Acq: 8 Oct 2020 19:17

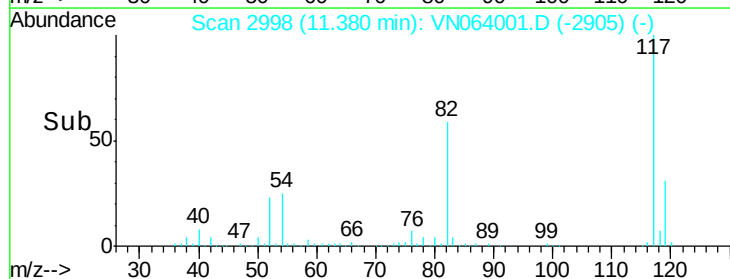
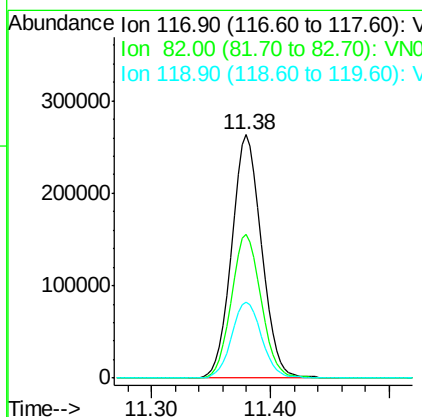
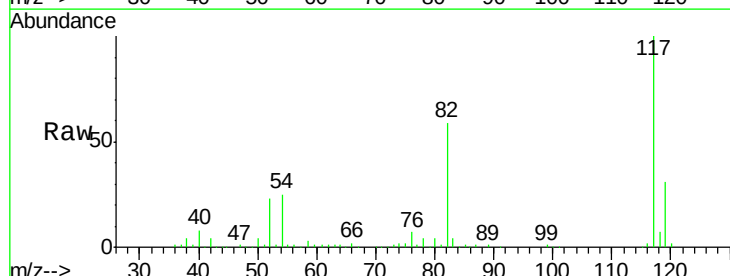
Instrument :
MSVOA_N
ClientSampleId :
TB-10-8-20

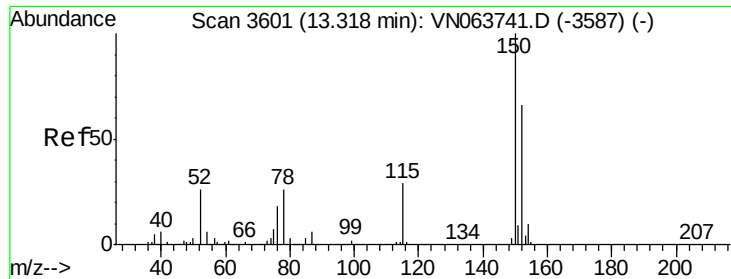
Tot Ion	95	Resp	209917
Ion Ratio	100		
Lower			
Upper			
174	78.0	0.0	150.6
176	73.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064001.D
Acq: 8 Oct 2020 19:17

Tgt Ion	117	Resp	457810
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	58.9	47.4	71.2
119	31.1	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064001.D

Acq: 8 Oct 2020 19:17

Instrument :

MSVOA_N

ClientSampleId :

TB-10-8-20

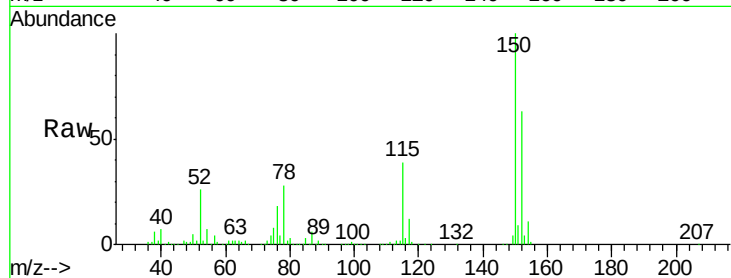
Tot Ion:152 Resp: 176841

Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.8

150 156.8 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

