

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062175.D
 Acq On : 27 Jun 2020 6:17
 Operator : JC/MD
 Sample : L2810-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-062420

Quant Time: Jun 27 07:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

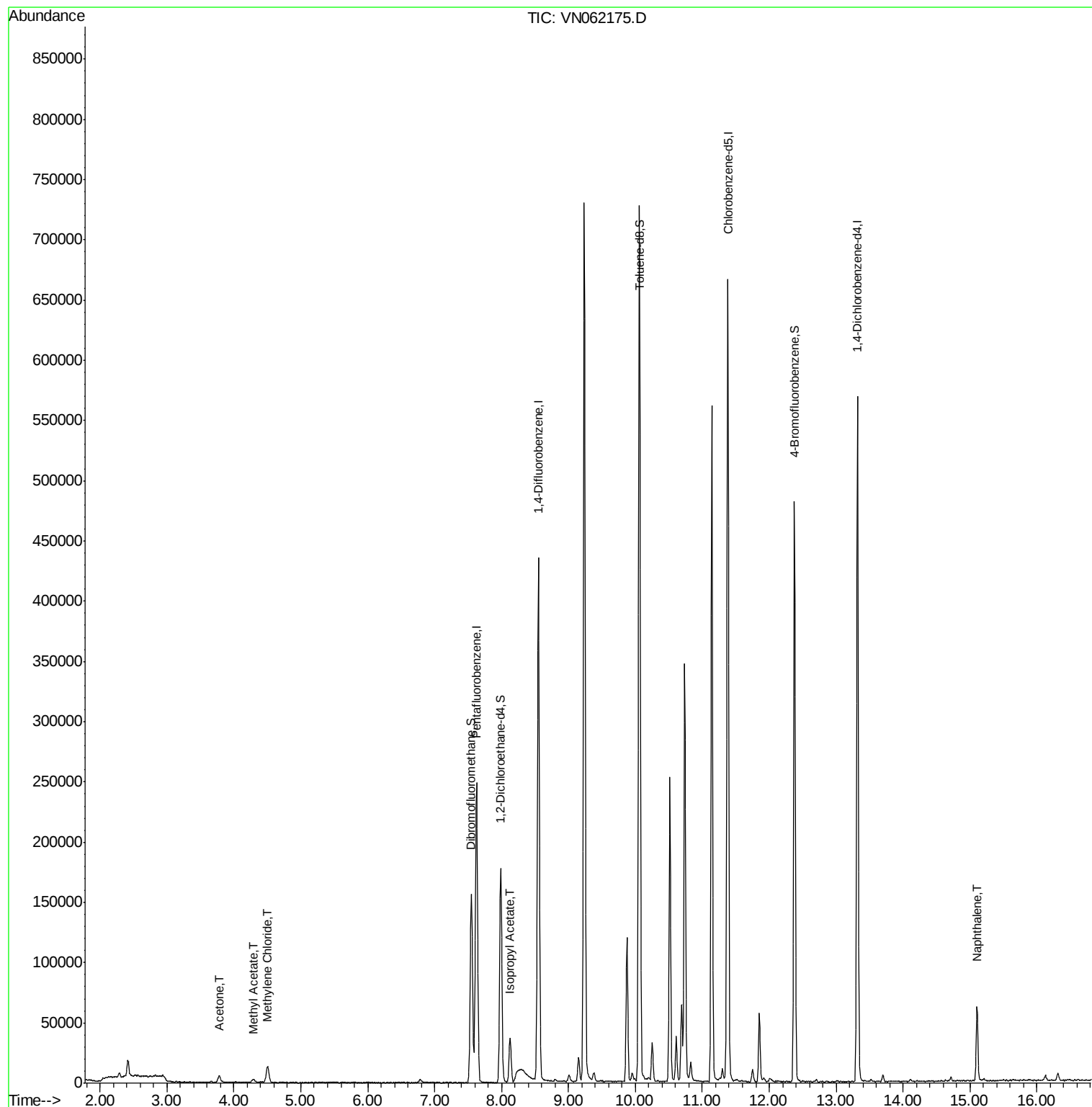
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	196585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	149121	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	7.55	113	121392	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	10.06	98	501137	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.38	95	171257	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
Target Compounds						
16) Acetone	3.79	43	10156	7.804	ug/l	91
18) Methyl Acetate	4.29	43	5932	2.705	ug/l #	59
20) Methylene Chloride	4.50	84	10606	3.988	ug/l #	90
43) Isopropyl Acetate	8.13	43	42460	8.102	ug/l	99
95) Naphthalene	15.10	128	55104	11.036	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062175.D
Acq On : 27 Jun 2020 6:17
Operator : JC/MD
Sample : L2810-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CL-01-062420

Quant Time: Jun 27 07:20:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062175.D

Acq: 27 Jun 2020 6:17

Instrument :

MSVOA_N

ClientSampleId :

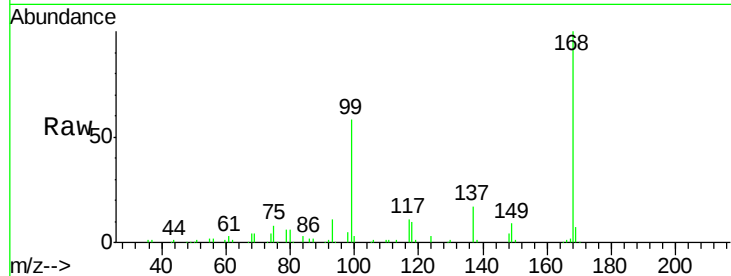
CL-01-062420

Tot Ion:168 Resp: 196585

Ion Ratio Lower Upper

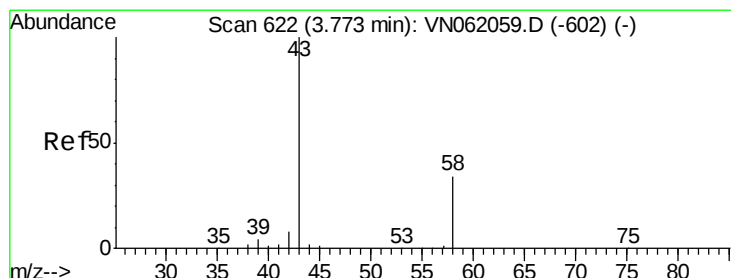
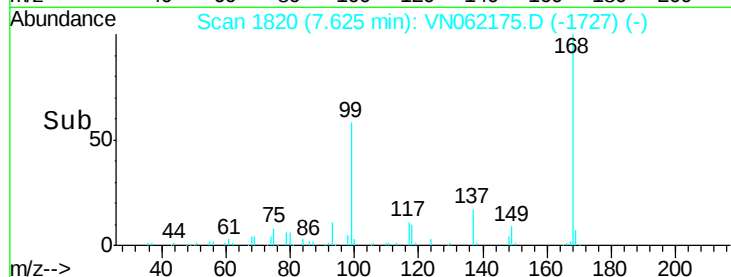
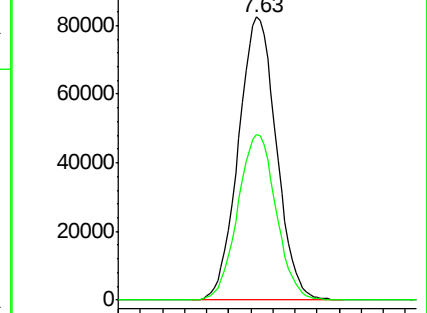
168 100

99 58.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.804 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062175.D

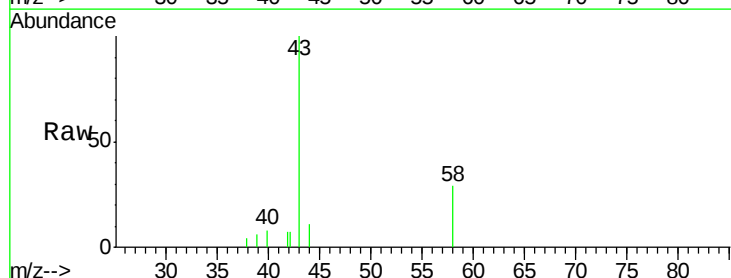
Acq: 27 Jun 2020 6:17

Tgt Ion: 43 Resp: 10156

Ion Ratio Lower Upper

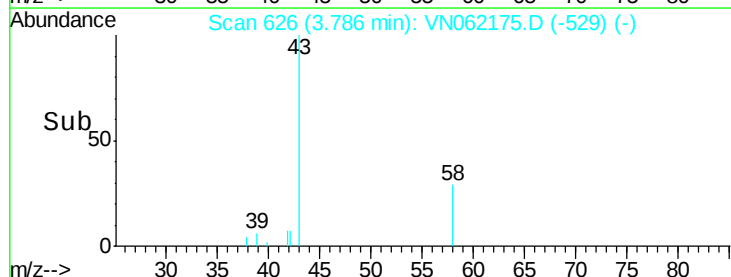
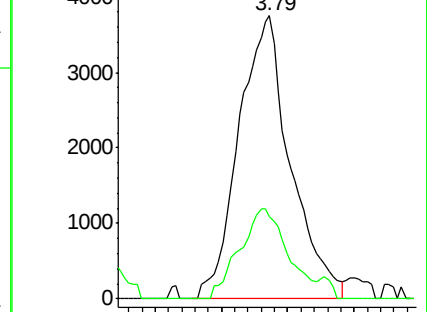
43 100

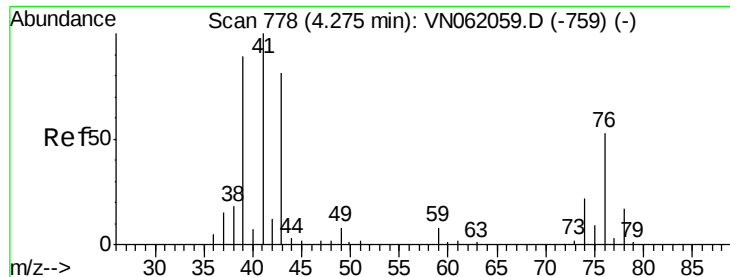
58 29.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

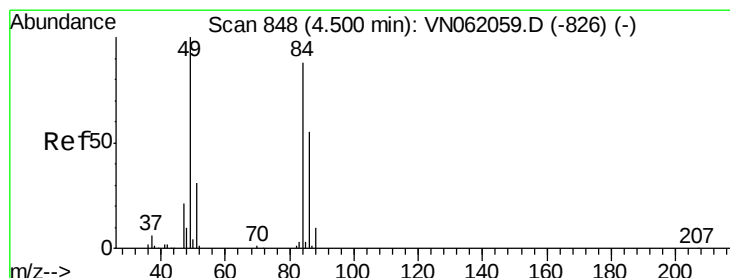
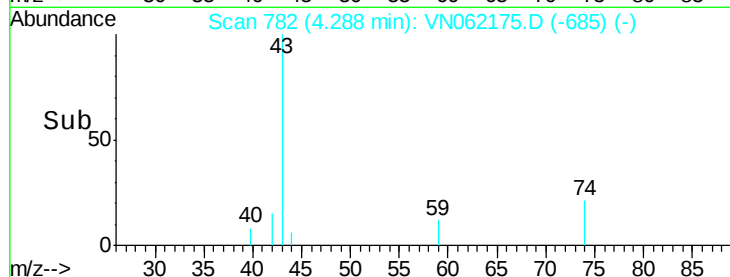
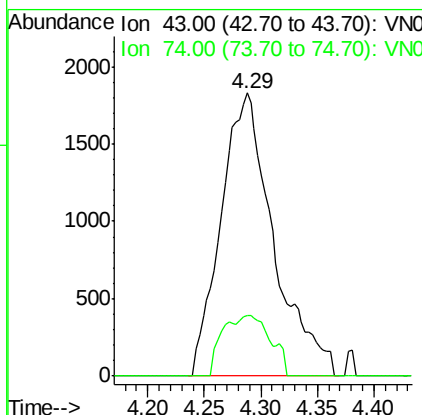
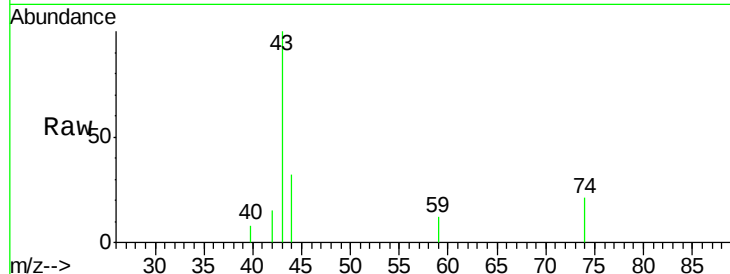




#18
Methyl Acetate
Concen: 2.705 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062175.D
Acq: 27 Jun 2020 6:17

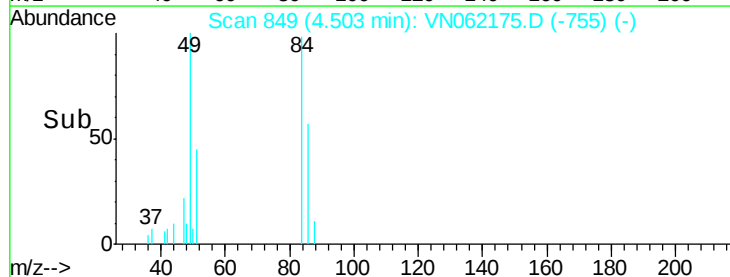
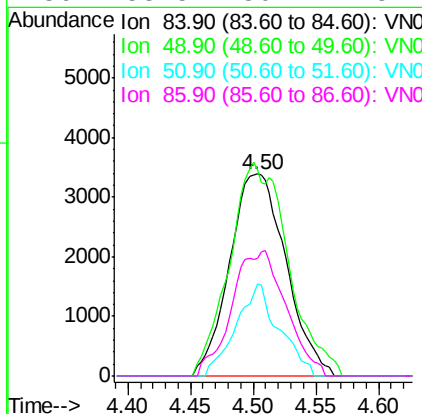
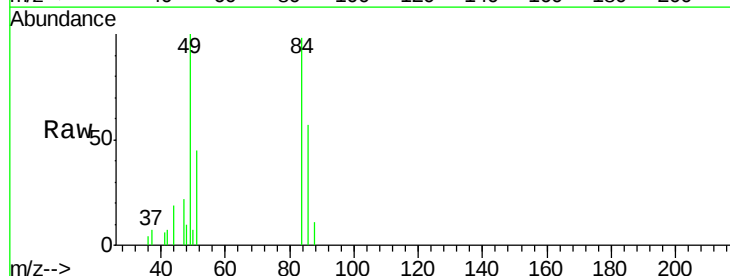
Instrument :
MSVOA_N
ClientSampleId :
CL-01-062420

Tot Ion: 43 Resp: 5932
Ion Ratio Lower Upper
43 100
74 6.7 22.9 34.3#



#20
Methylene Chloride
Concen: 3.988 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062175.D
Acq: 27 Jun 2020 6:17

Tgt Ion: 84 Resp: 10606
Ion Ratio Lower Upper
84 100
49 102.0 90.6 136.0
51 45.9 27.8 41.8#
86 58.5 50.1 75.1

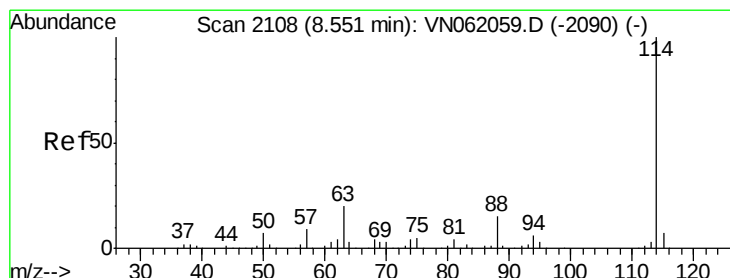
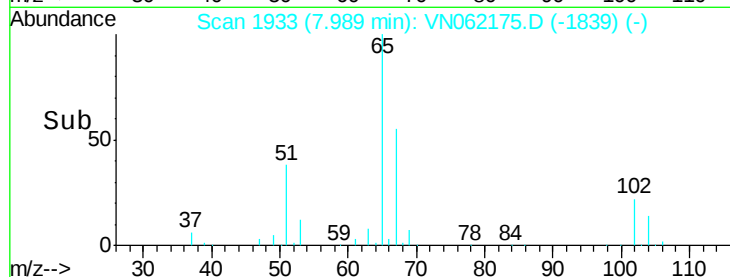
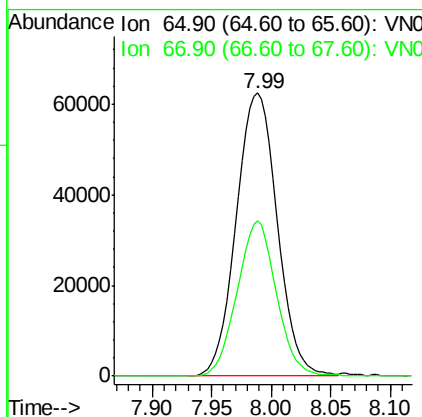
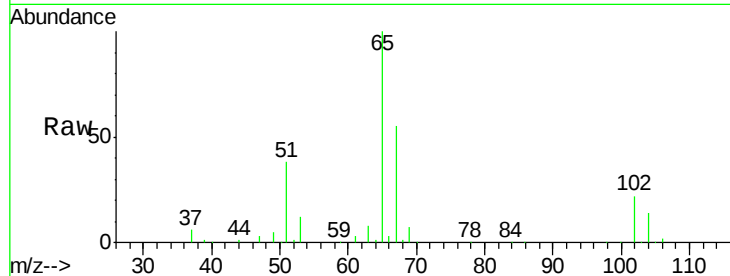




#33
 1,2-Dichloroethane-d4
 Concen: 54.054 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062175.D
 Acq: 27 Jun 2020 6:17

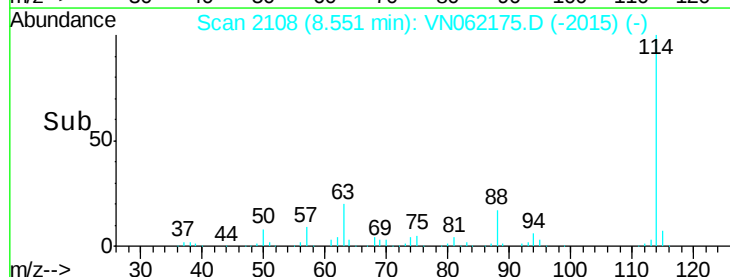
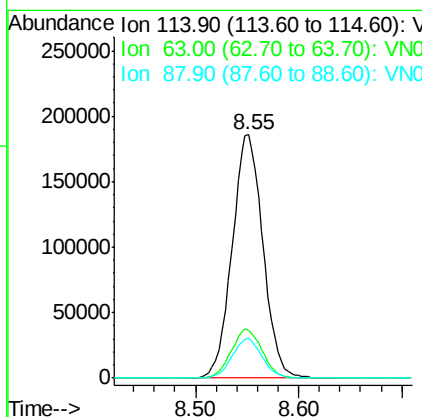
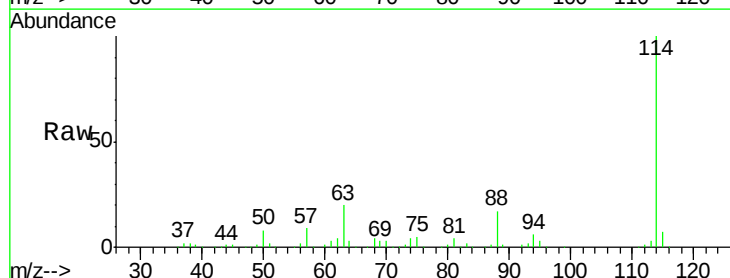
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-062420

Tot Ion: 65 Resp: 149121
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062175.D
 Acq: 27 Jun 2020 6:17

Tgt Ion: 114 Resp: 386227
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 16.5 0.0 30.8

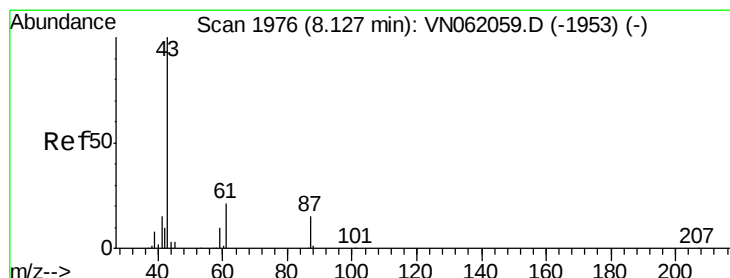
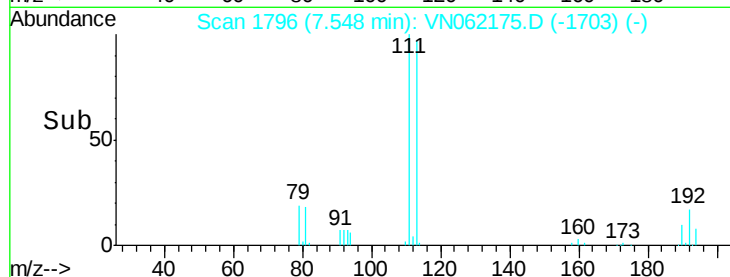
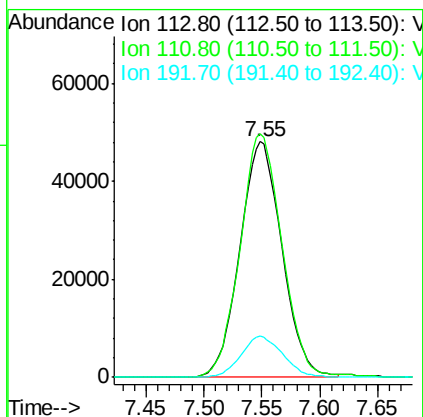
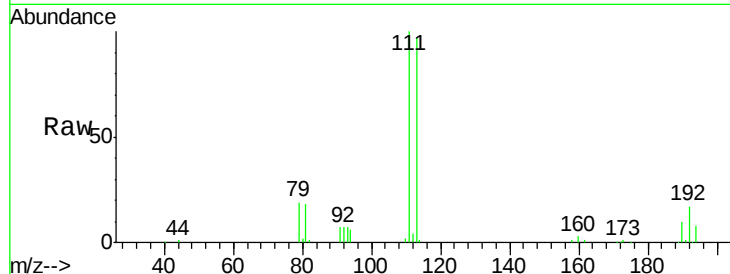




#35
Dibromofluoromethane
Concen: 48.991 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062175.D
Acq: 27 Jun 2020 6:17

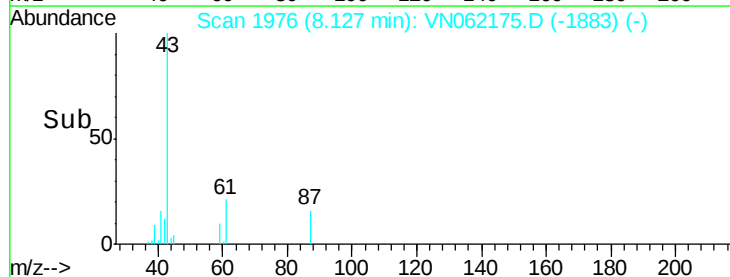
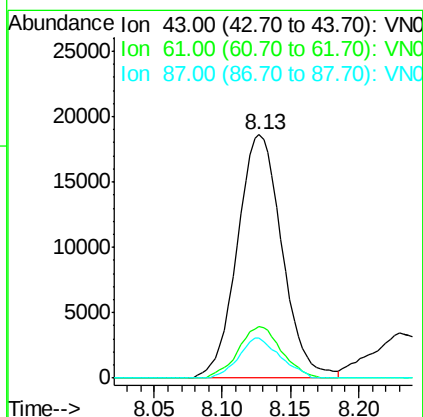
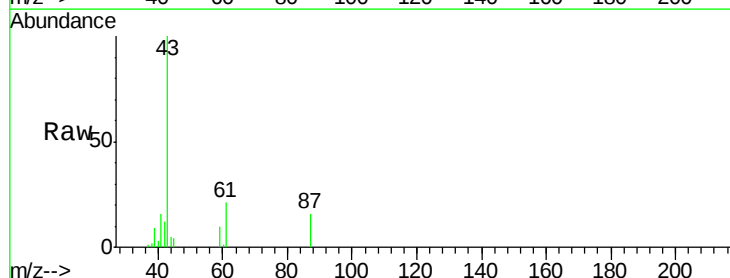
Instrument :
MSVOA_N
ClientSampleId :
CL-01-062420

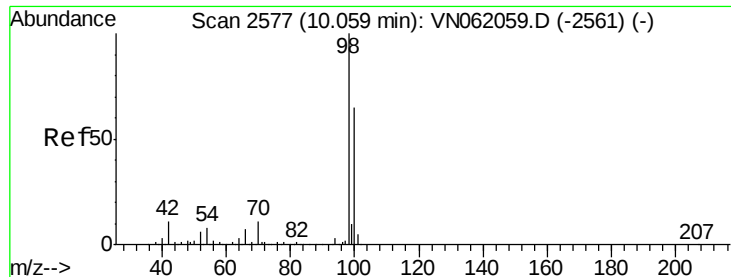
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	17.4	14.0	21.0



#43
Isopropyl Acetate
Concen: 8.102 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062175.D
Acq: 27 Jun 2020 6:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	17.2	25.8
87	15.1	12.1	18.1





#50

Toluene-d8

Concen: 50.596 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062175.D

Acq: 27 Jun 2020 6:17

Instrument :

MSVOA_N

ClientSampleId :

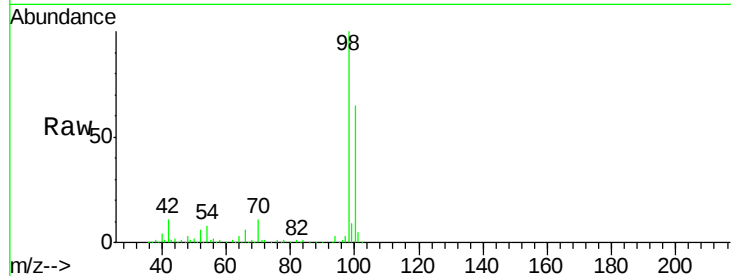
CL-01-062420

Tot Ion: 98 Resp: 501137

Ion Ratio Lower Upper

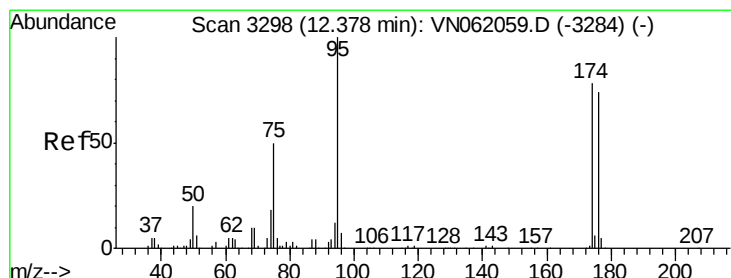
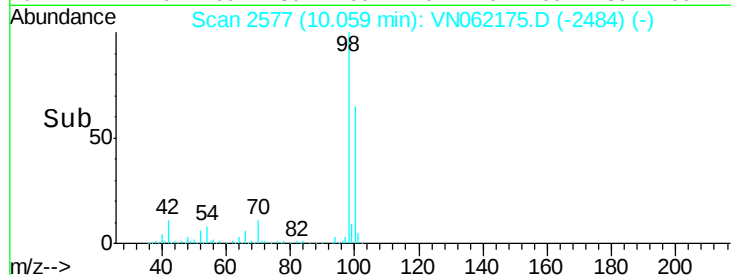
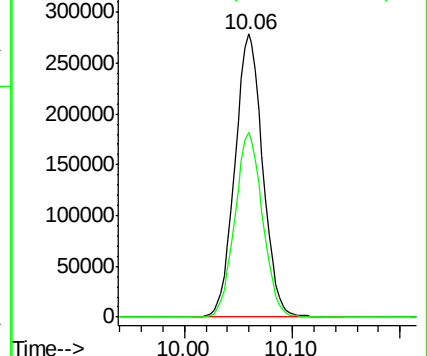
98 100

100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.177 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062175.D

Acq: 27 Jun 2020 6:17

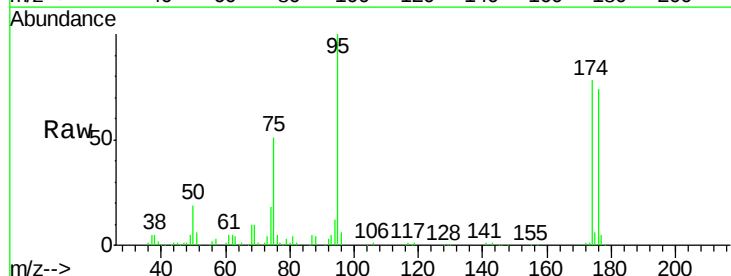
Tgt Ion: 95 Resp: 171257

Ion Ratio Lower Upper

95 100

174 76.7 0.0 154.8

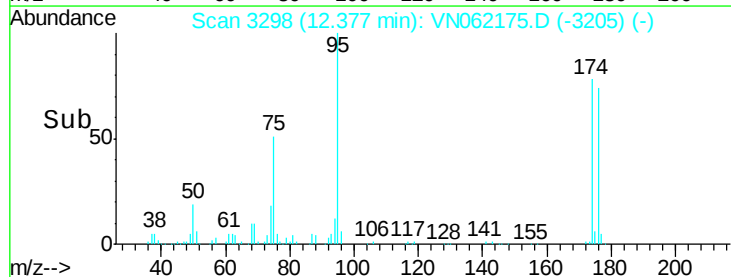
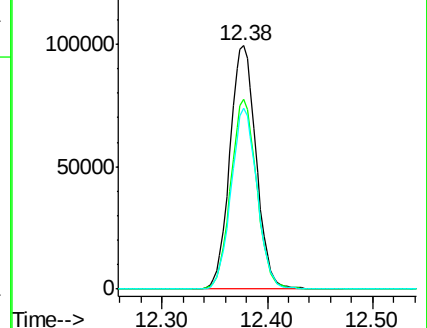
176 73.1 0.0 147.4

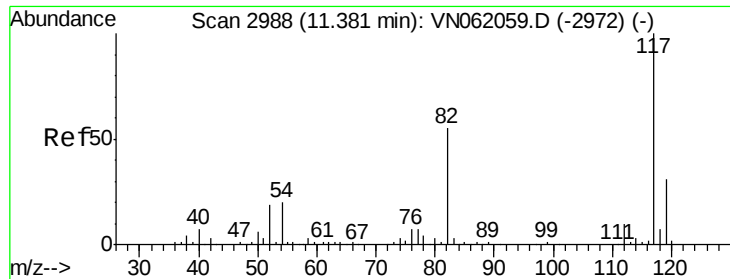


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062175.D

Acq: 27 Jun 2020 6:17

Instrument :

MSVOA_N

ClientSampleId :

CL-01-062420

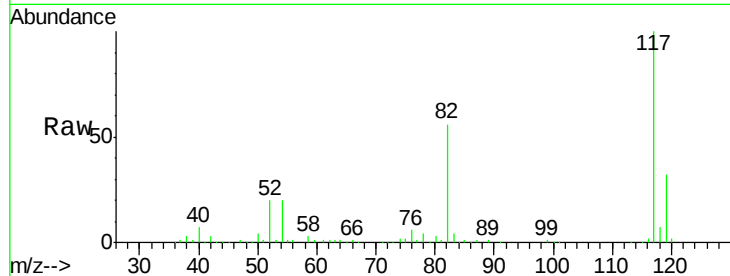
Tot Ion:117 Resp: 392668

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

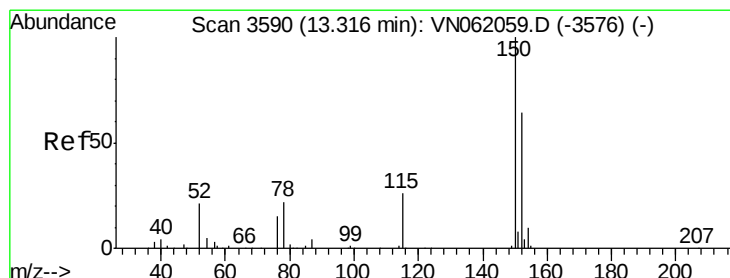
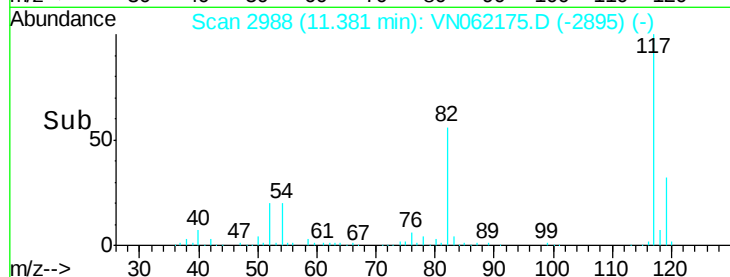
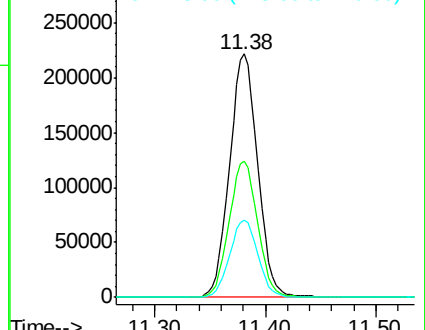
119 31.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062175.D

Acq: 27 Jun 2020 6:17

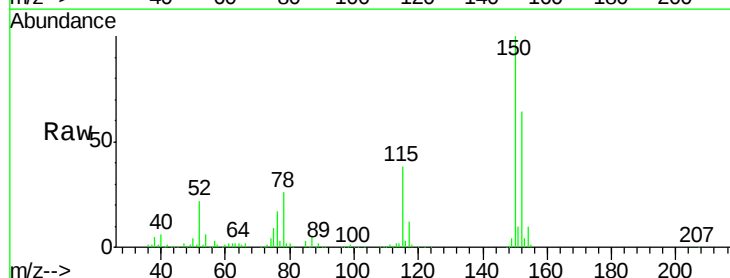
Tgt Ion:152 Resp: 151063

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

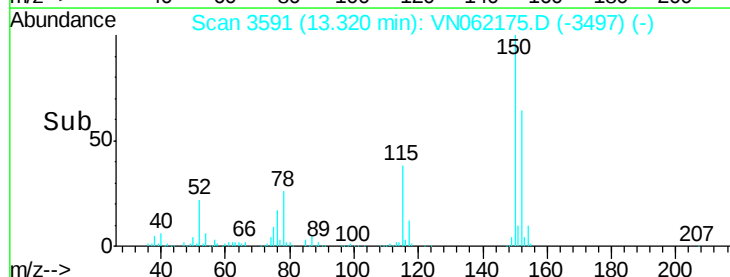
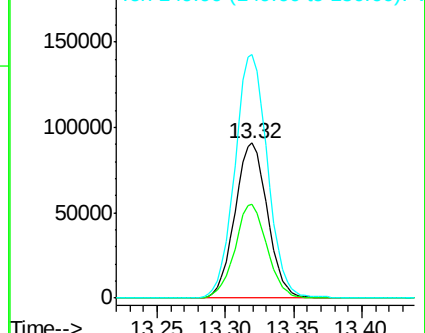
150 157.8 0.0 351.4

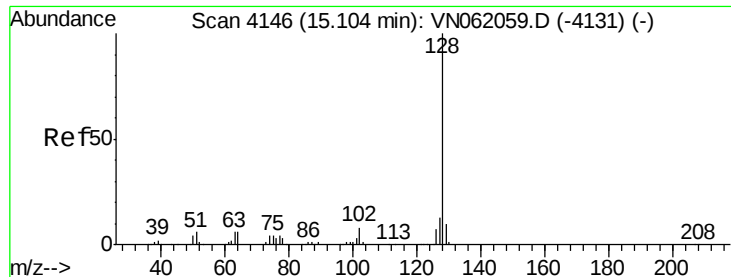


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 11.036 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062175.D

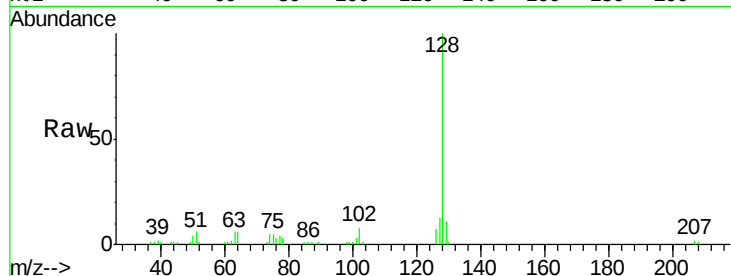
Acq: 27 Jun 2020 6:17

Instrument :

MSVOA_N

ClientSampleId :

CL-01-062420



Tot Ion:128 Resp: 55104

Ion Ratio Lower Upper

128 100

127 12.0 10.5 15.7

129 10.7 8.6 13.0

