

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062096.D
 Acq On : 25 Jun 2020 5:04
 Operator : JC/MD
 Sample : L2818-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-062320

Quant Time: Jun 25 06:13:43 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

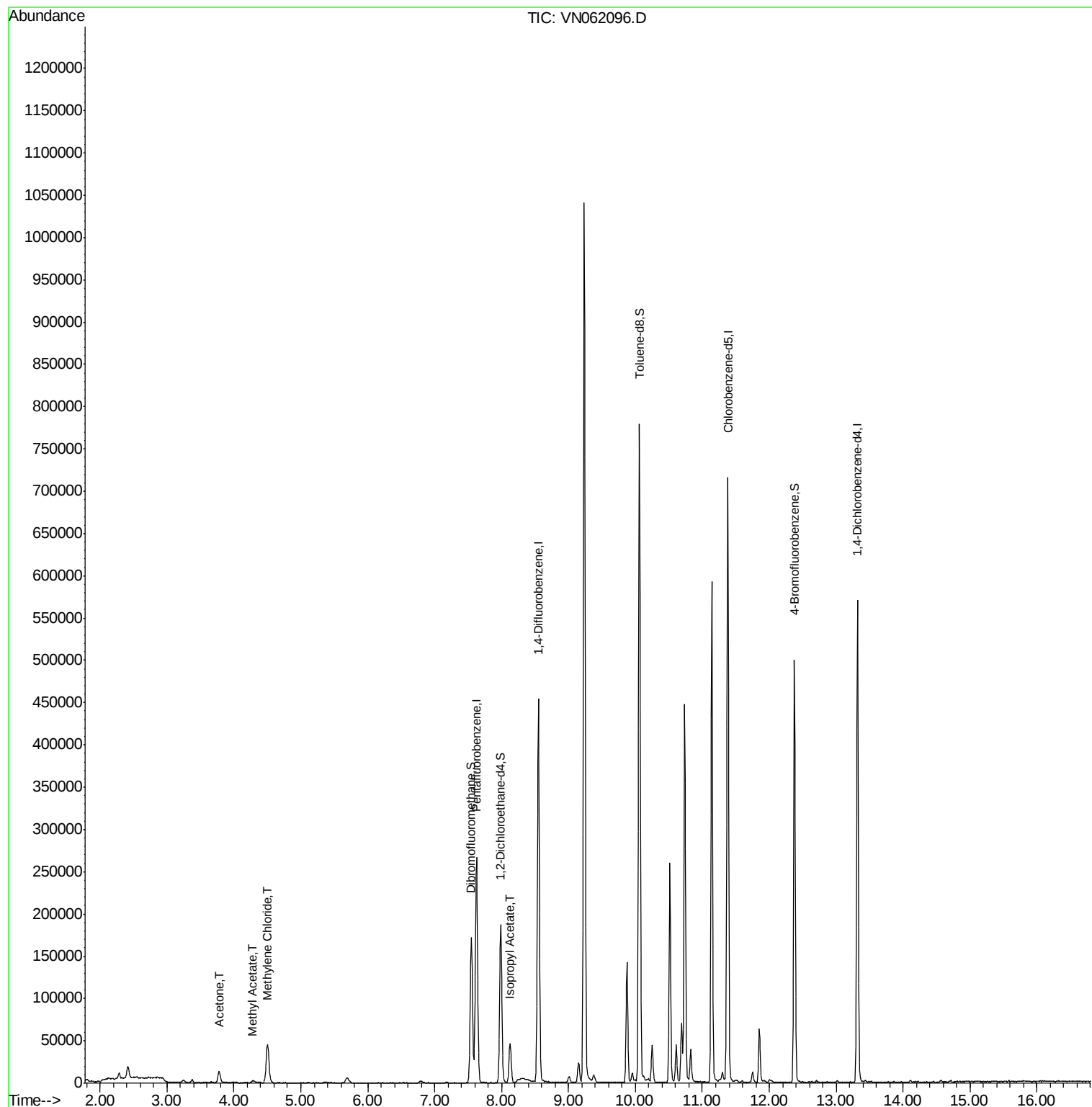
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	154006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154409	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.55	113	131959	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.06	98	536552	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.38	95	175389	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
Target Compounds						
16) Acetone	3.78	43	21934	20.189	ug/l	91
18) Methyl Acetate	4.28	43	4735	2.038	ug/l #	67
20) Methylene Chloride	4.50	84	35283	12.992	ug/l	98
43) Isopropyl Acetate	8.13	43	54510	9.874	ug/l	99

(#) = 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# 1820

Delta R.T. -0.00 min

Lab File: VN062096.D

Acq: 25 Jun 2020 5:04

Instrument :

MSVOA_N

ClientSampleId :

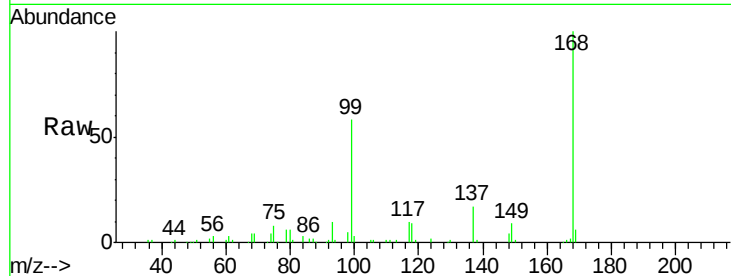
TR-05-062320

Tot Ion:168 Resp: 208232

Ion Ratio Lower Upper

168 100

99 58.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

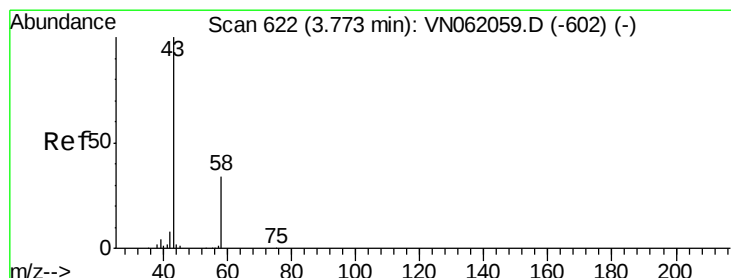
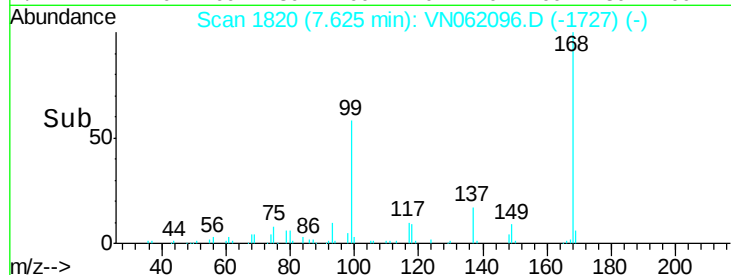
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 20.189 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062096.D

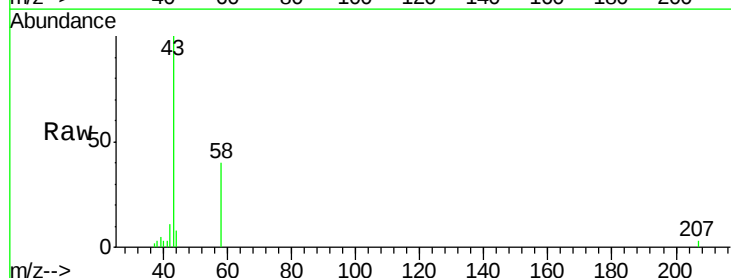
Acq: 25 Jun 2020 5:04

Tgt Ion: 43 Resp: 21934

Ion Ratio Lower Upper

43 100

58 39.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

8000

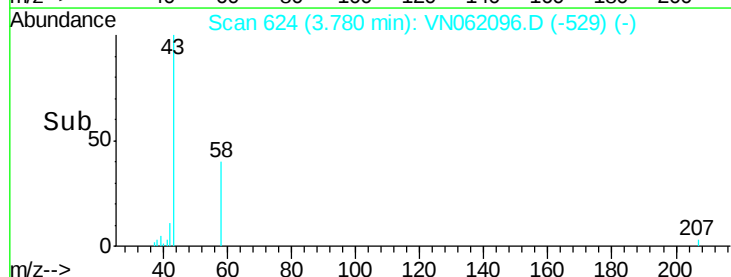
6000

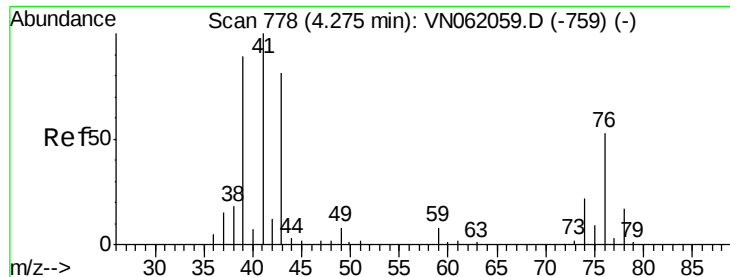
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

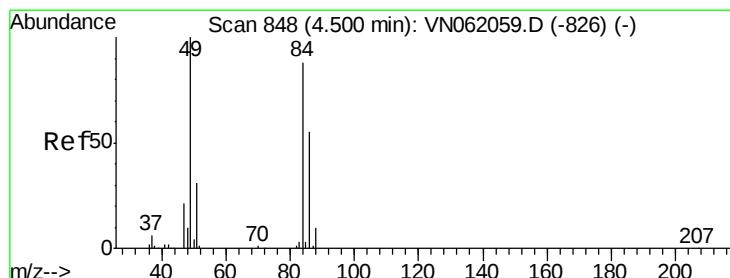
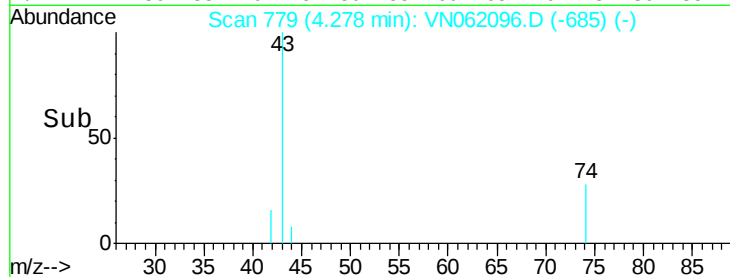
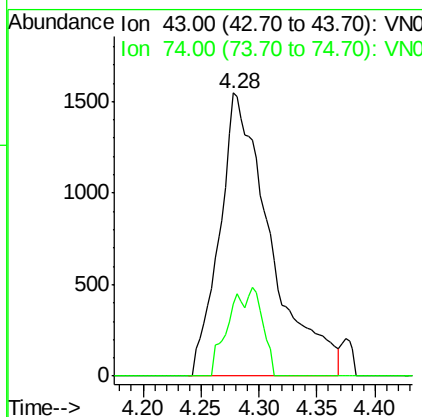
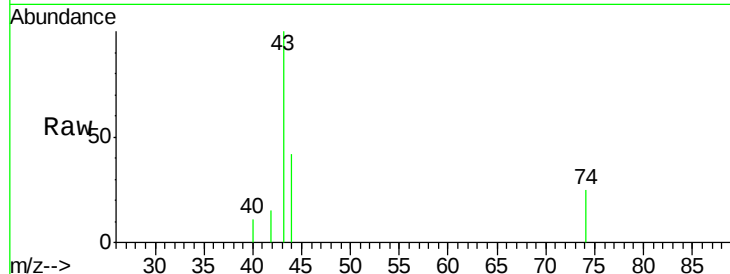




#18
Methyl Acetate
Concen: 2.038 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062096.D
Acq: 25 Jun 2020 5:04

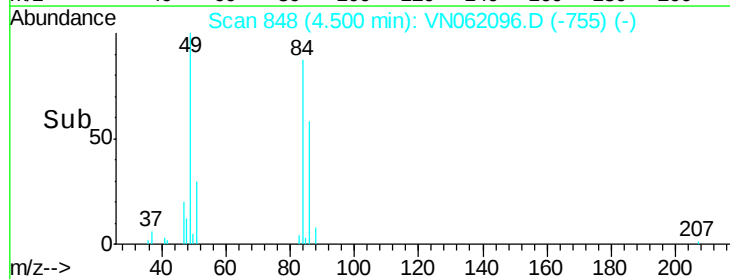
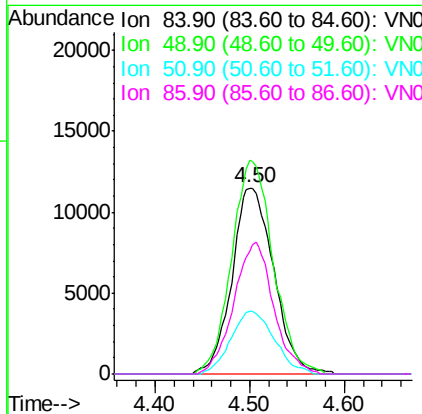
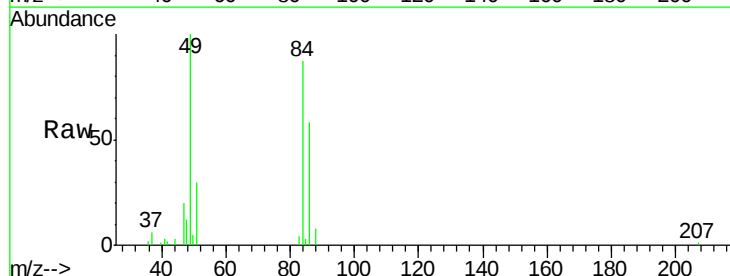
Instrument :
MSVOA_N
ClientSampled :
TR-05-062320

Tot Ion: 43 Resp: 4735
Ion Ratio Lower Upper
43 100
74 10.9 22.9 34.3#



#20
Methylene Chloride
Concen: 12.992 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062096.D
Acq: 25 Jun 2020 5:04

Tgt Ion: 84 Resp: 35283
Ion Ratio Lower Upper
84 100
49 114.9 90.6 136.0
51 34.0 27.8 41.8
86 66.4 50.1 75.1

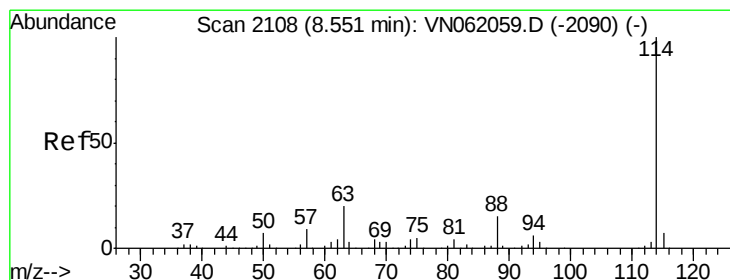
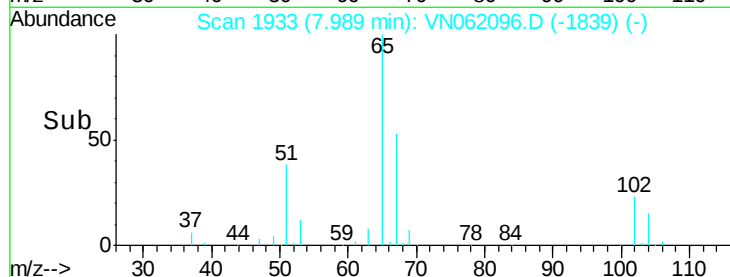
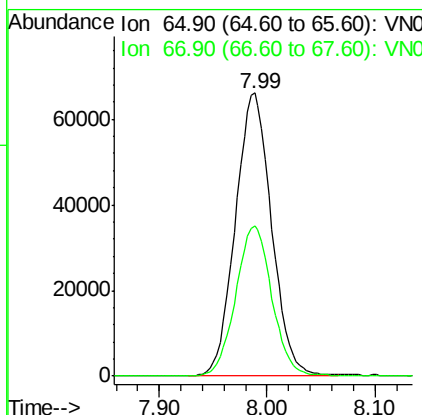
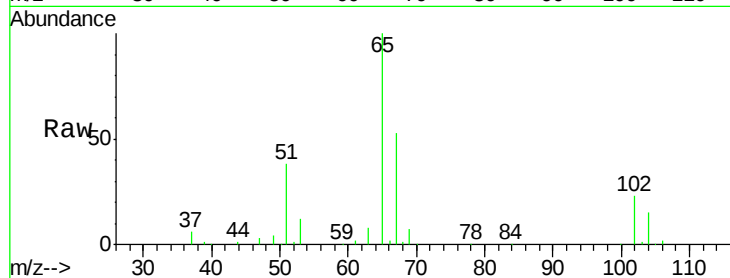




#33
 1,2-Dichloroethane-d4
 Concen: 52.840 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062096.D
 Acq: 25 Jun 2020 5:04

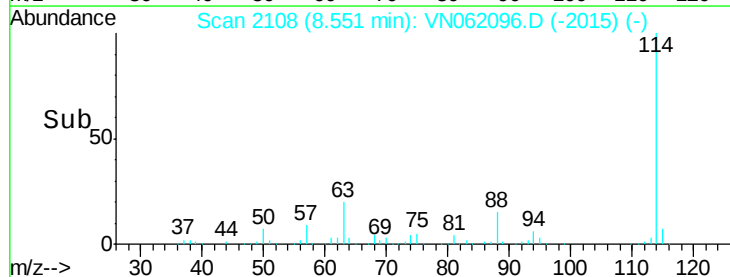
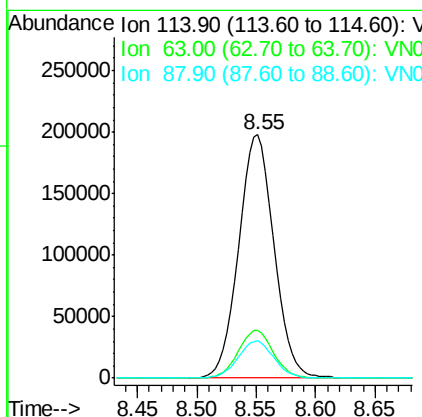
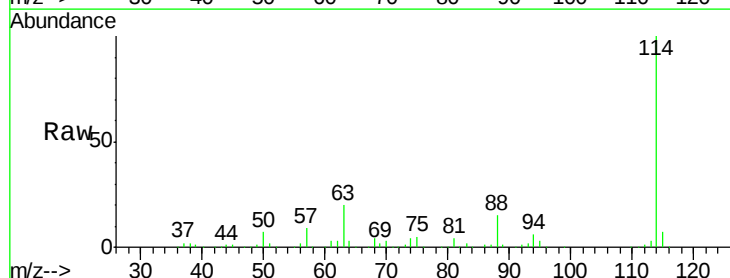
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-062320

Tot Ion: 65 Resp: 154409
 Ion Ratio Lower Upper
 65 100
 67 53.2 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: VN062096.D
 Acq: 25 Jun 2020 5:04

Tgt Ion: 114 Resp: 406897
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.2 0.0 30.8

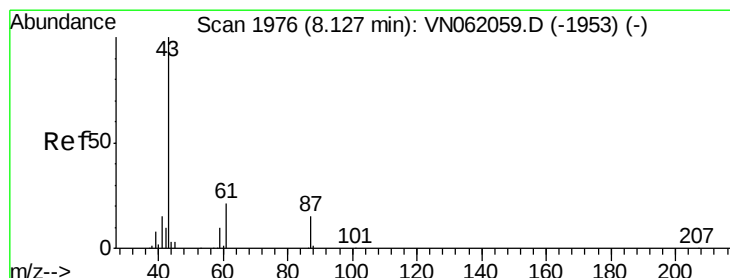
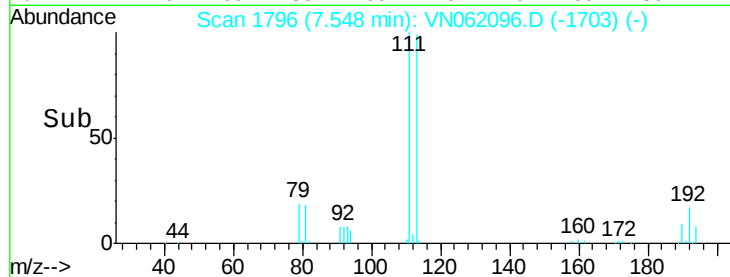
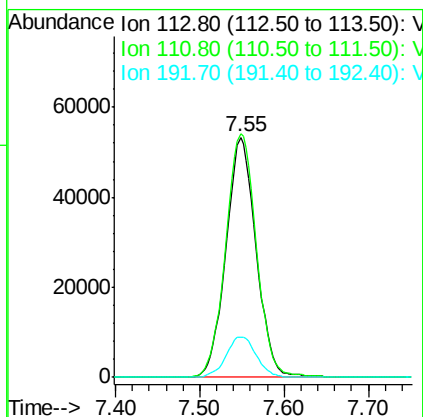
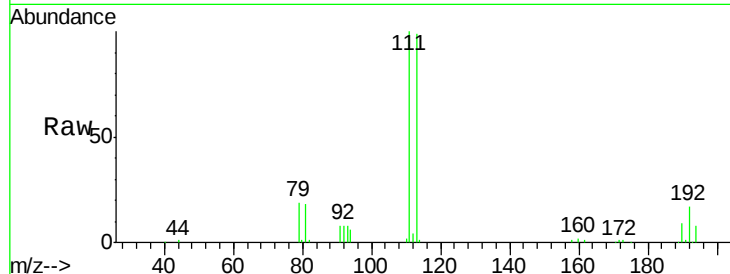




#35
 Dibromofluoromethane
 Concen: 50.551 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062096.D
 Acq: 25 Jun 2020 5:04

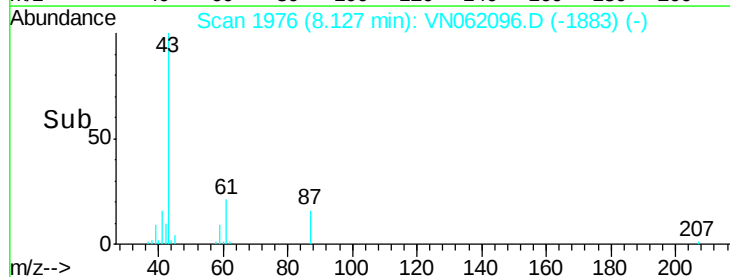
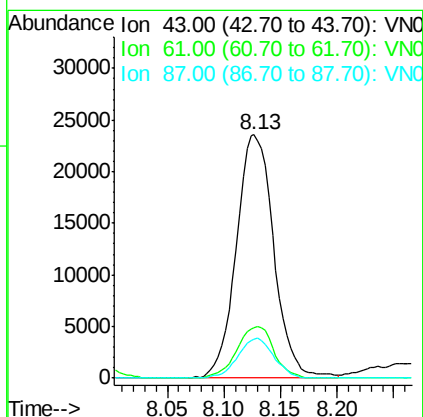
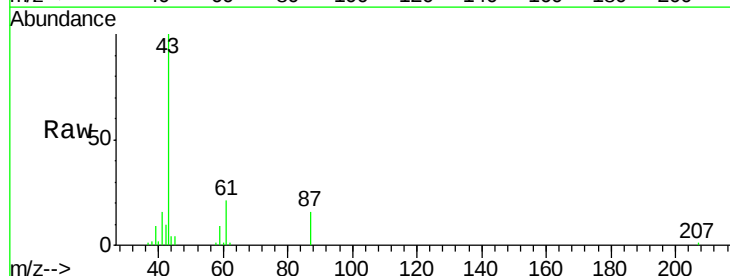
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-062320

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	17.0	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 9.874 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062096.D
 Acq: 25 Jun 2020 5:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	15.5	12.1	18.1





#50

Toluene-d8

Concen: 51.419 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062096.D

Acq: 25 Jun 2020 5:04

Instrument :

MSVOA_N

ClientSampleId :

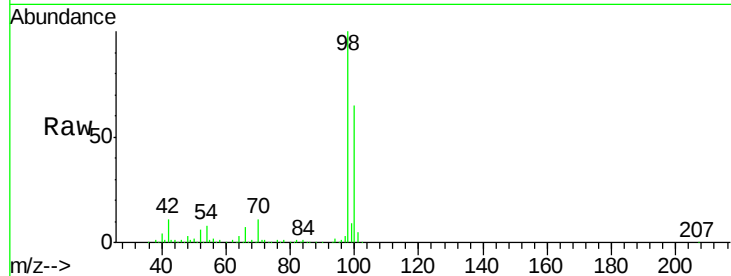
TR-05-062320

Tot Ion: 98 Resp: 536552

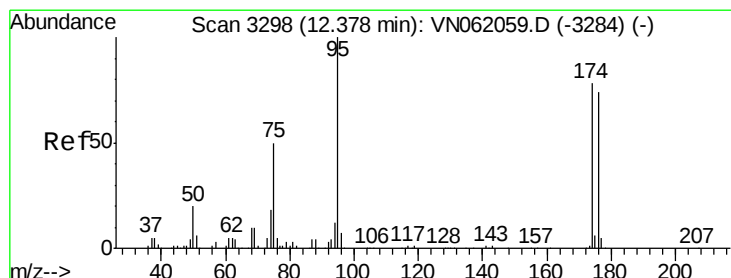
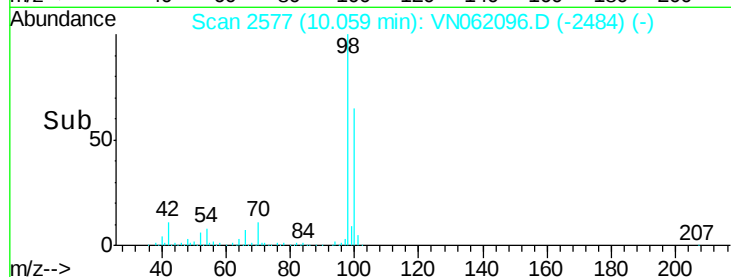
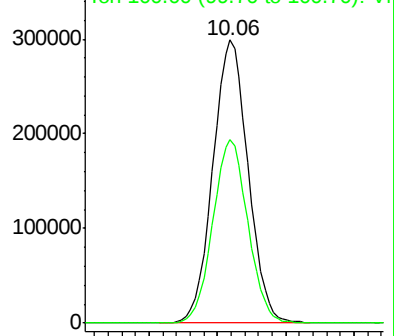
Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 49.749 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062096.D

Acq: 25 Jun 2020 5:04

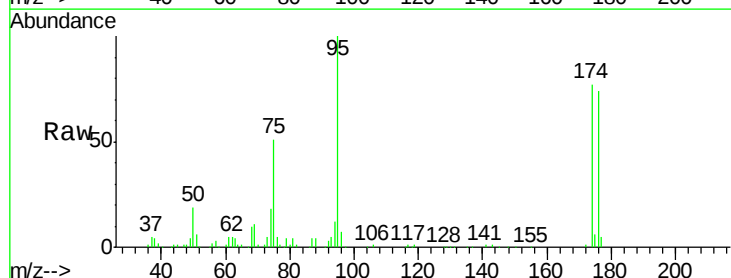
Tgt Ion: 95 Resp: 175389

Ion Ratio Lower Upper

95 100

174 76.0 0.0 154.8

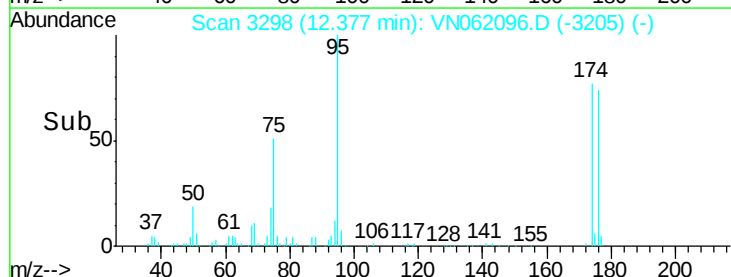
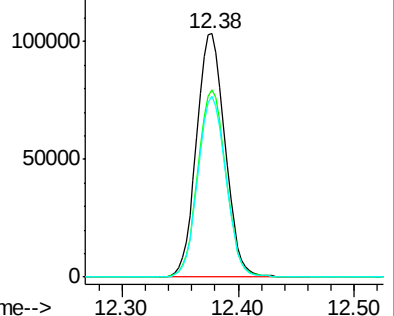
176 73.2 0.0 147.4

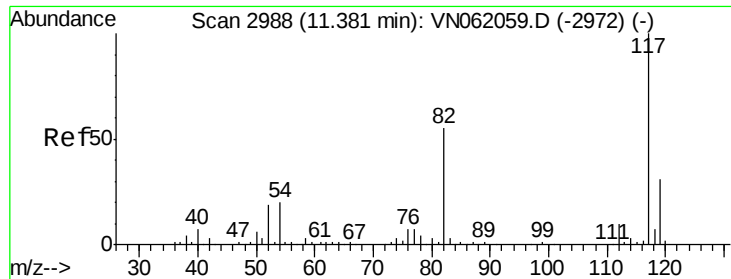


Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)

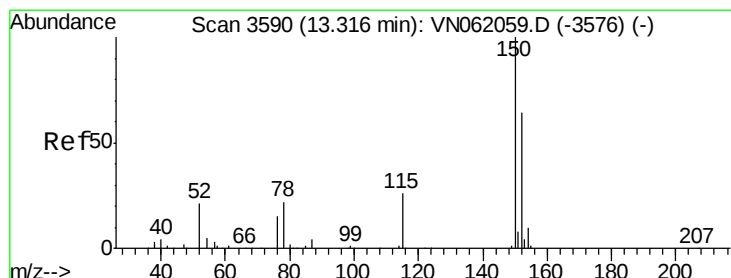
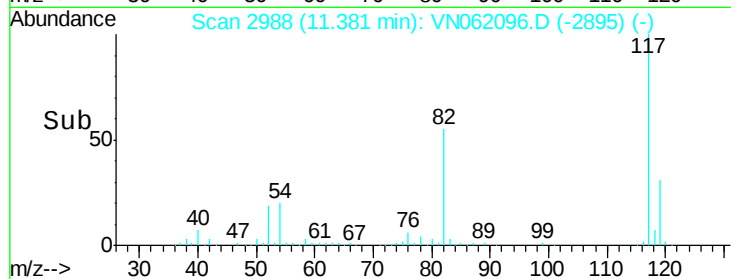
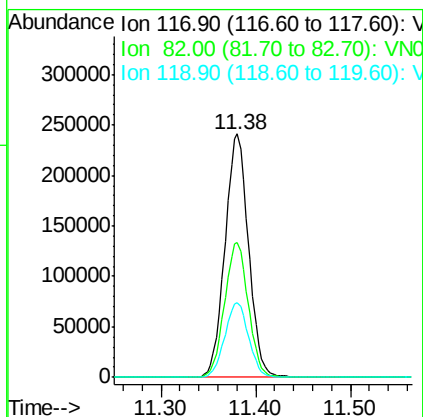
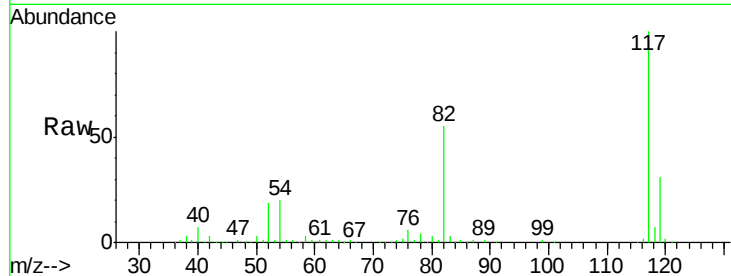




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062096.D
Acq: 25 Jun 2020 5:04

Instrument :
MSVOA_N
ClientSampleId :
TR-05-062320

Tot Ion:117 Resp: 417315
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 30.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062096.D
Acq: 25 Jun 2020 5:04

Tgt Ion:152 Resp: 154006
Ion Ratio Lower Upper
152 100
115 60.5 29.5 88.5
150 157.1 0.0 351.4

