

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061459.D
 Acq On : 19 May 2020 4:59
 Operator : JC/MD
 Sample : L2644-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11944

Quant Time: May 19 06:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

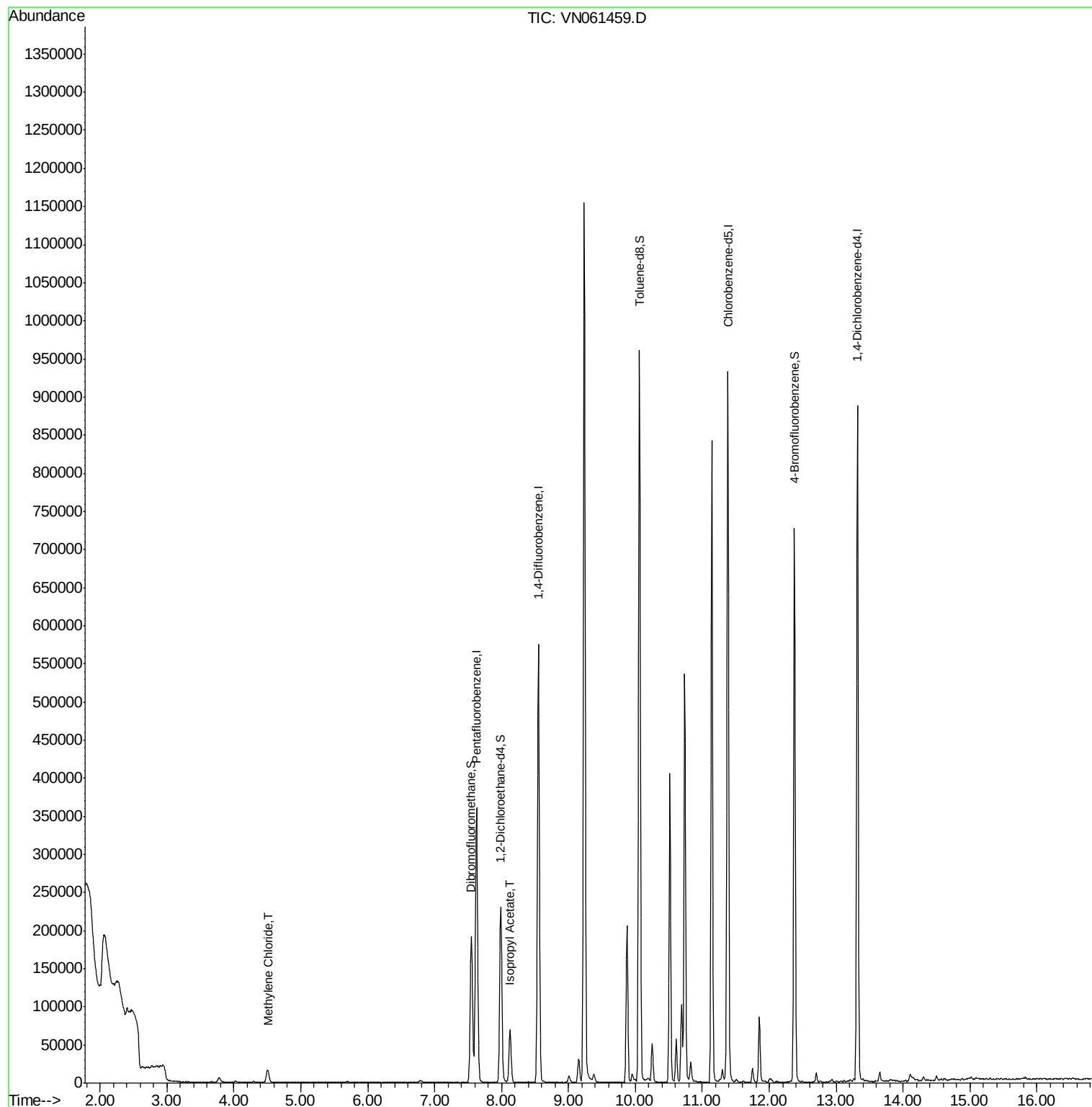
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	517195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	526999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	227490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203624	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	145781	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	10.06	98	668111	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.38	95	259779	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
Target Compounds						
20) Methylene Chloride	4.51	84	11988	3.497	ug/l	94
43) Isopropyl Acetate	8.13	43	80797	10.563	ug/l #	89

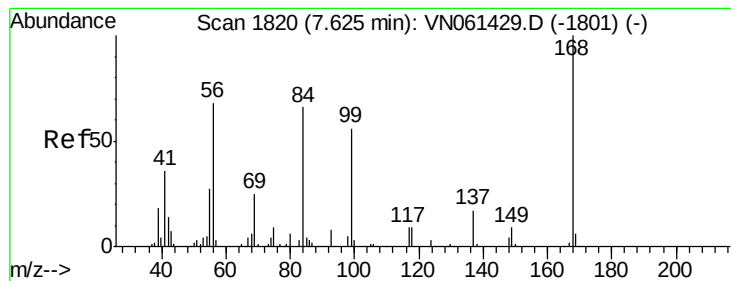
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 18 13:09:55 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: VN061459.D

Acq: 19 May 2020 4:59

Instrument :

MSVOA_N

ClientSampled :

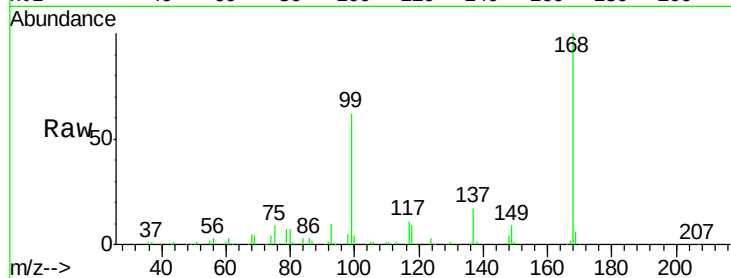
72-11944

Tot Ion:168 Resp: 279479

Ion Ratio Lower Upper

168 100

99 61.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

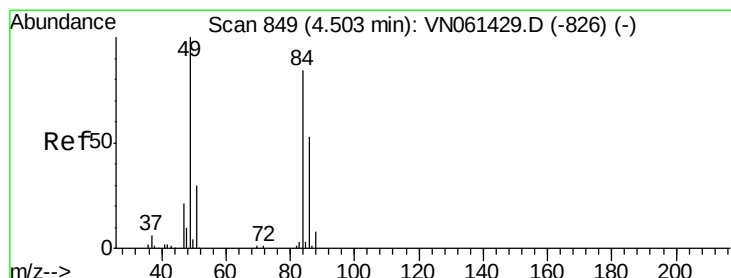
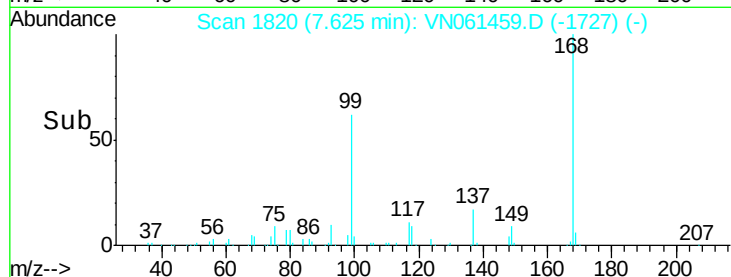
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.497 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN061459.D

Acq: 19 May 2020 4:59

Tgt Ion: 84 Resp: 11988

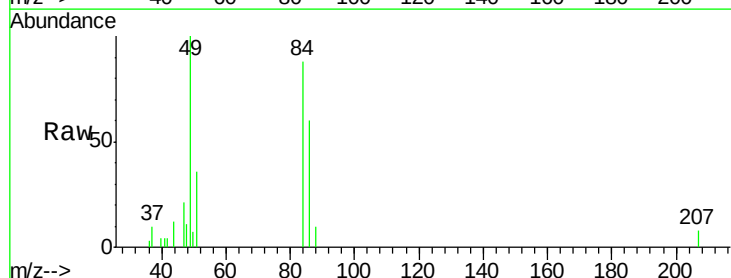
Ion Ratio Lower Upper

84 100

49 114.0 95.3 142.9

51 41.1 29.0 43.6

86 68.6 50.2 75.2



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

4.51

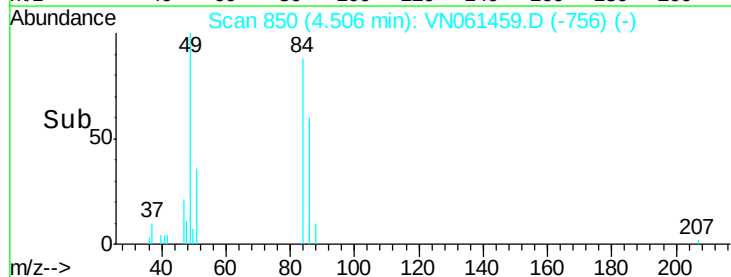
6000

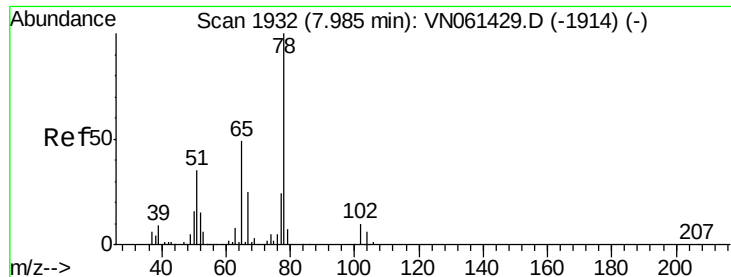
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

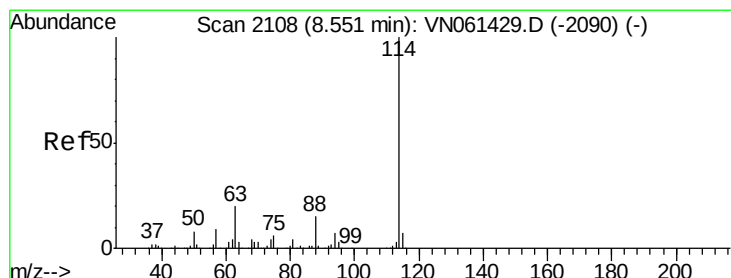
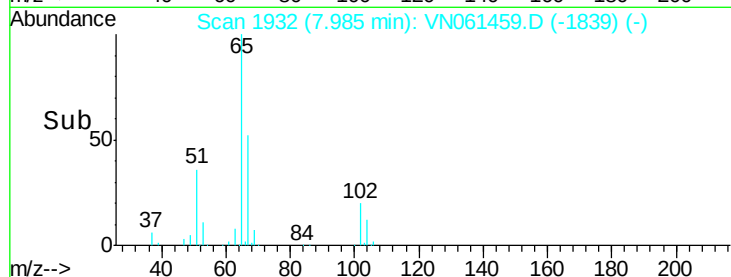
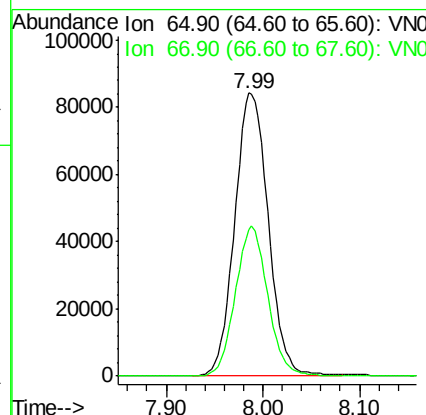
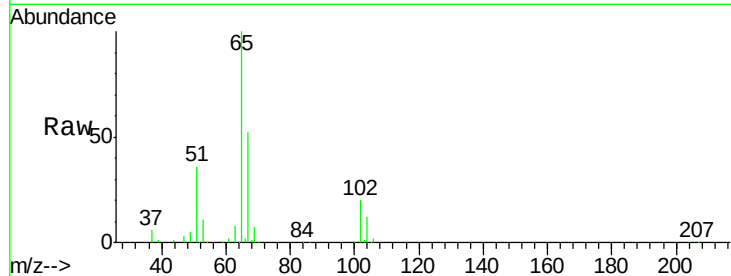




#33
 1,2-Dichloroethane-d4
 Concen: 48.818 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061459.D
 Acq: 19 May 2020 4:59

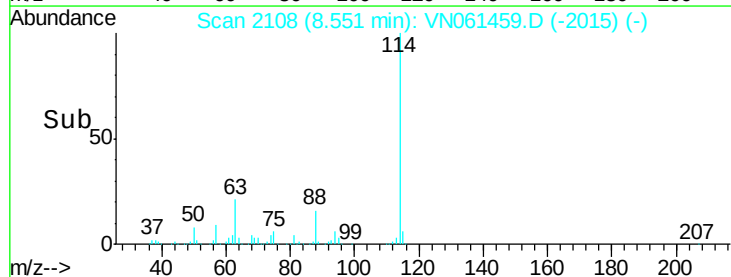
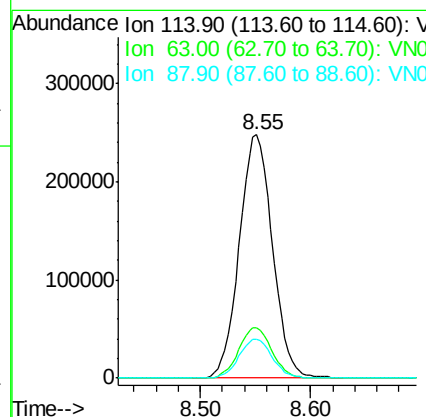
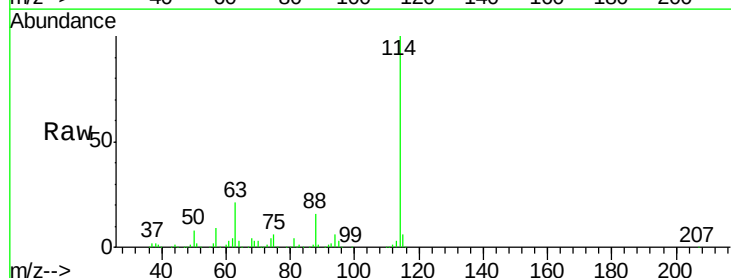
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11944

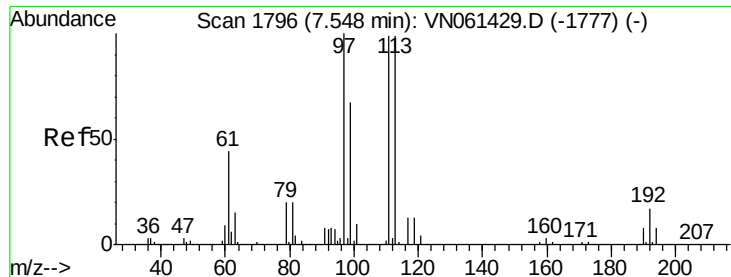
Tot Ion: 65 Resp: 203624
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061459.D
 Acq: 19 May 2020 4:59

Tgt Ion: 114 Resp: 517195
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 15.9 0.0 30.8

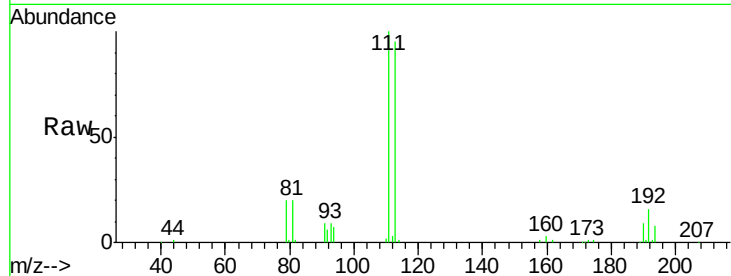




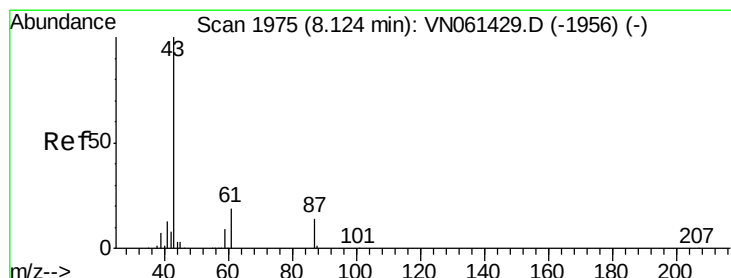
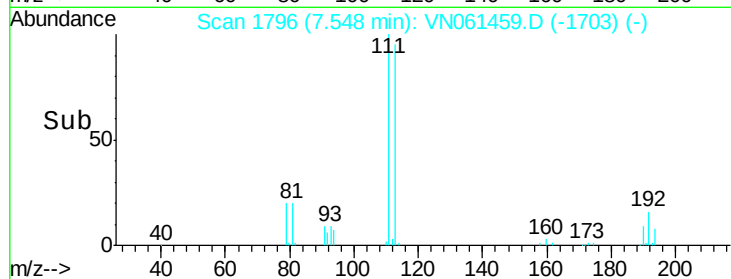
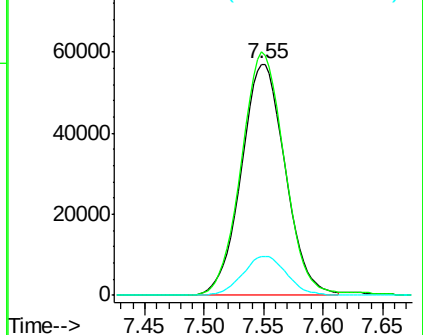
#35
 Dibromofluoromethane
 Concen: 53.805 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061459.D
 Acq: 19 May 2020 4:59

Instrument :
 MSVOA_N
 ClientSampled :
 72-11944

Tot Ion:113 Resp: 145781
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.6 121.0
 192 17.0 13.2 19.8

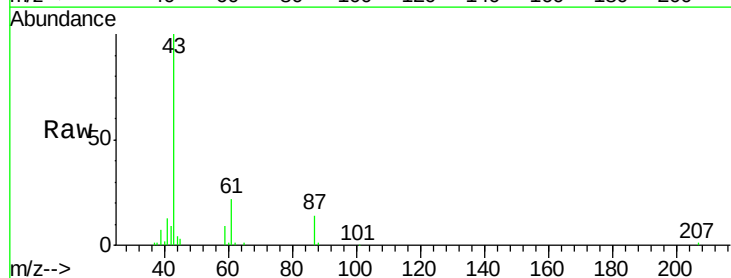


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

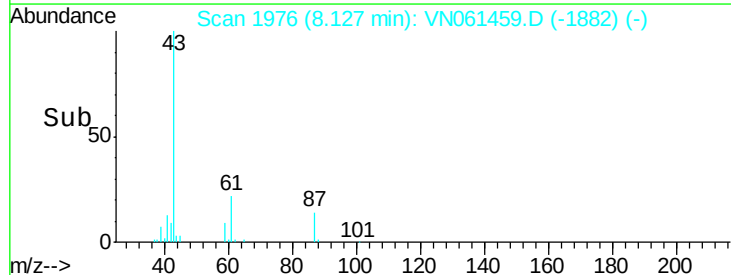
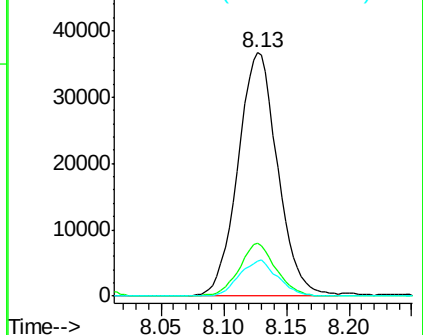


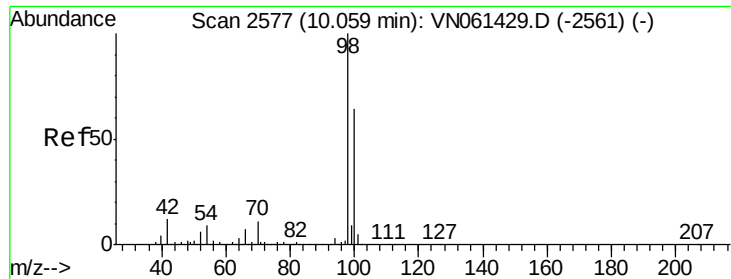
#43
 Isopropyl Acetate
 Concen: 10.563 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061459.D
 Acq: 19 May 2020 4:59

Tgt Ion: 43 Resp: 80797
 Ion Ratio Lower Upper
 43 100
 61 20.0 23.0 34.4#
 87 14.0 11.6 17.4



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: 53.164 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061459.D

Acq: 19 May 2020 4:59

Instrument :

MSVOA_N

ClientSampleId :

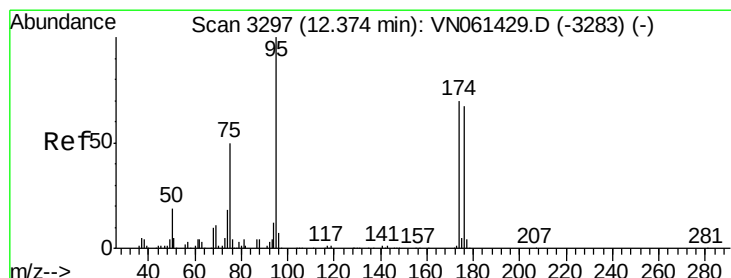
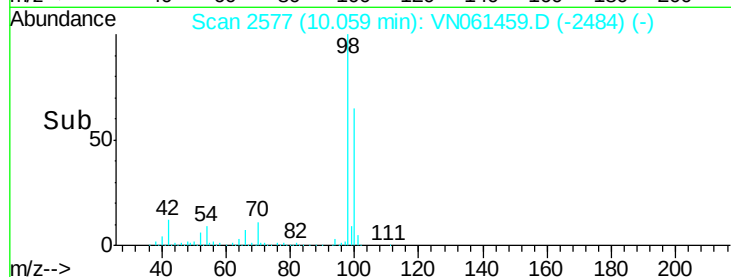
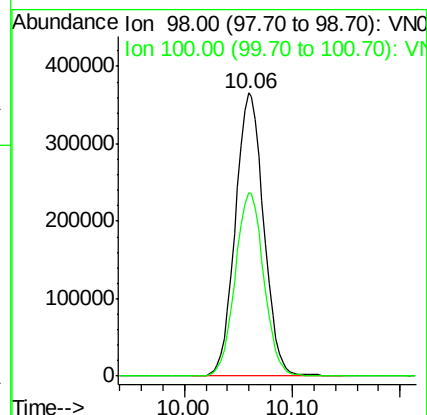
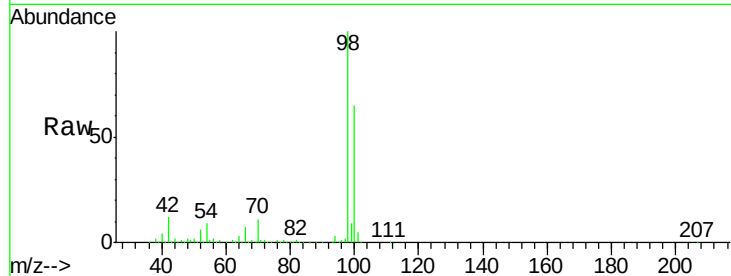
72-11944

Tot Ion: 98 Resp: 668111

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 55.329 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061459.D

Acq: 19 May 2020 4:59

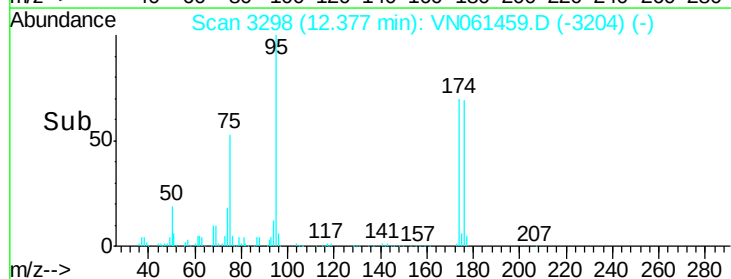
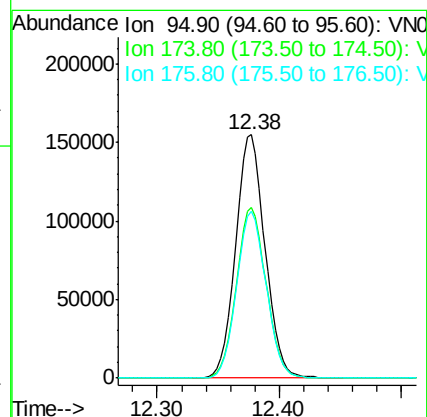
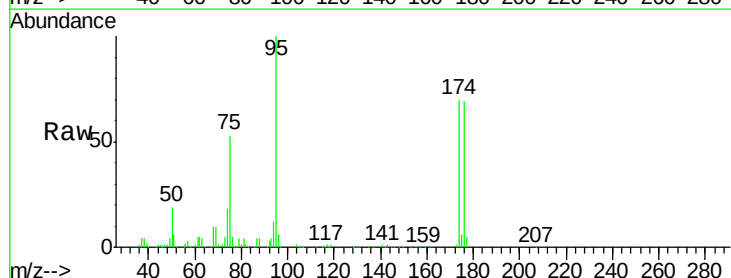
Tgt Ion: 95 Resp: 259779

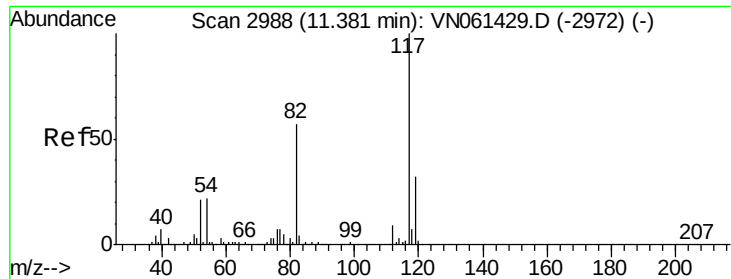
Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.2

176 68.8 0.0 137.6

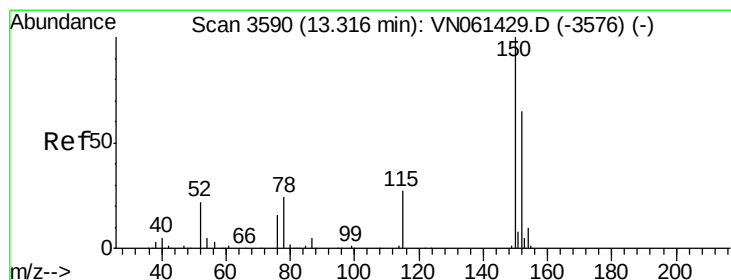
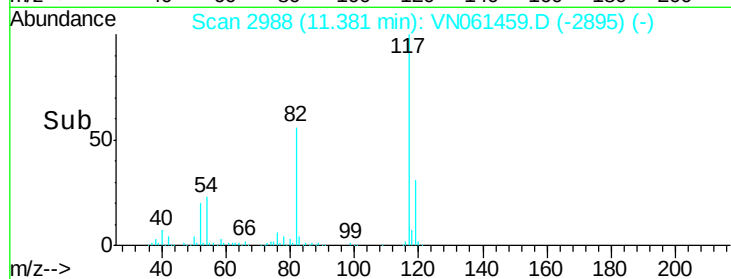
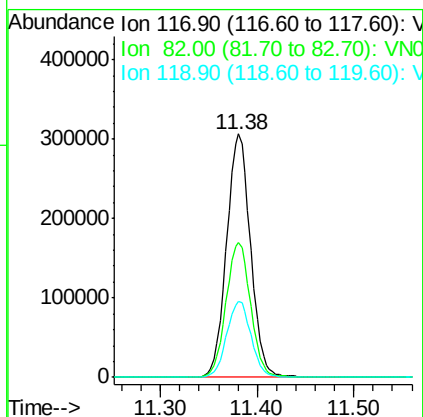
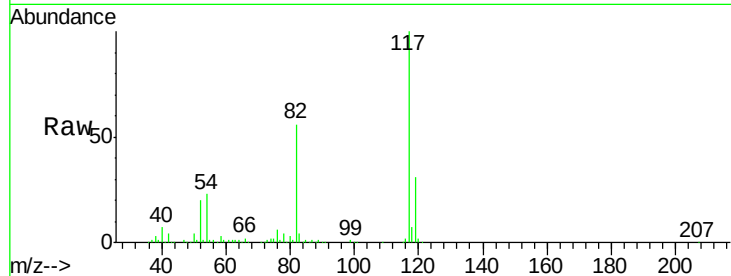




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061459.D
Acq: 19 May 2020 4:59

Instrument :
MSVOA_N
ClientSampleId :
72-11944

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.2	67.8
119	31.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061459.D
Acq: 19 May 2020 4:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.9	92.5
150	158.5	0.0	349.2

