

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063132.D
 Acq On : 26 Aug 2020 14:49
 Operator : JC/MD
 Sample : L3787-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1574DL

Quant Time: Aug 26 16:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

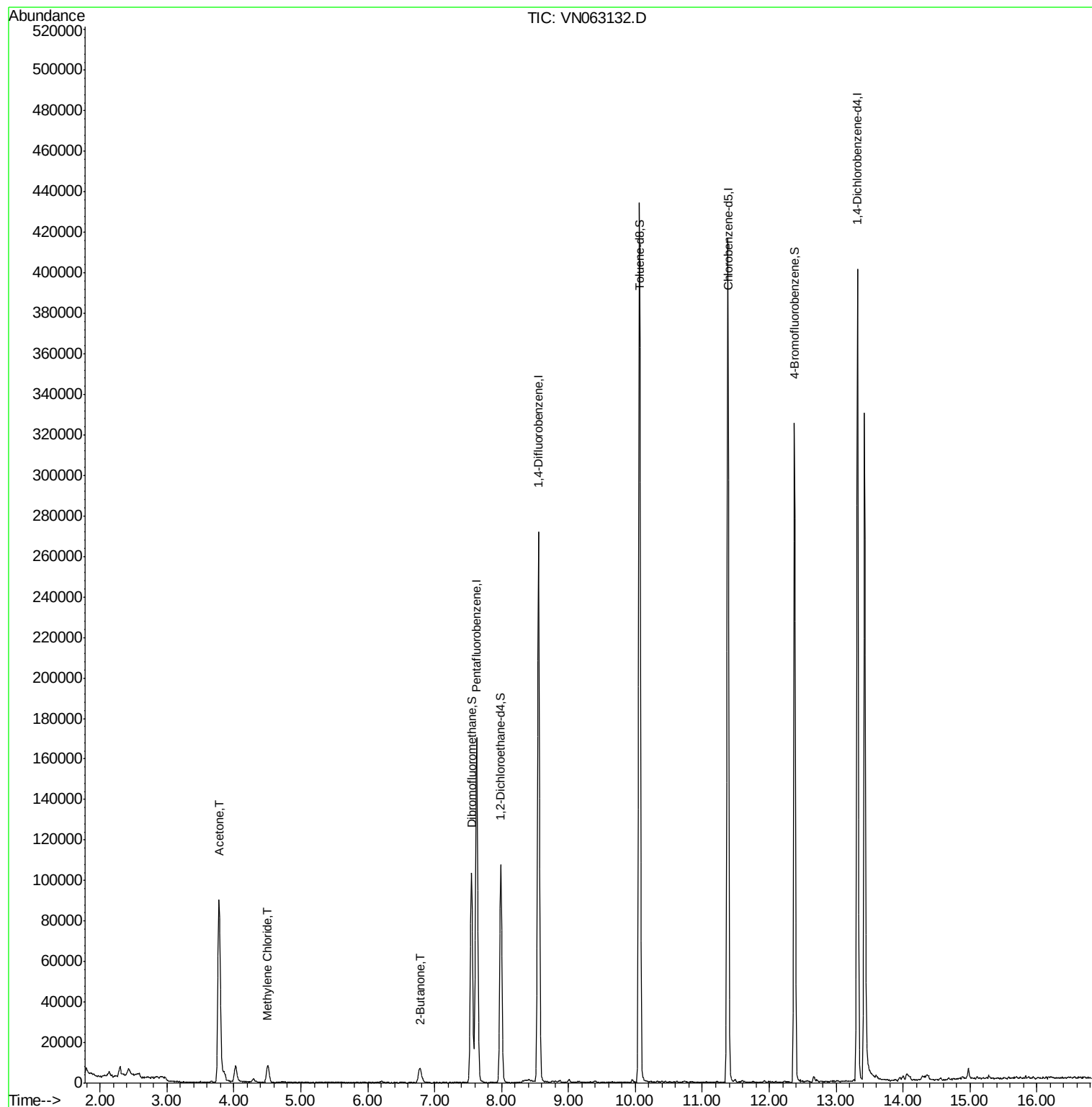
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	149780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	245791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	113139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90822	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.55	113	80342	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.06	98	310353	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.38	95	113971	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
16) Acetone	3.78	43	154583	279.715	ug/l	98
20) Methylene Chloride	4.50	84	7041	3.250	ug/l	90
25) 2-Butanone	6.79	43	5913	6.274	ug/l	94

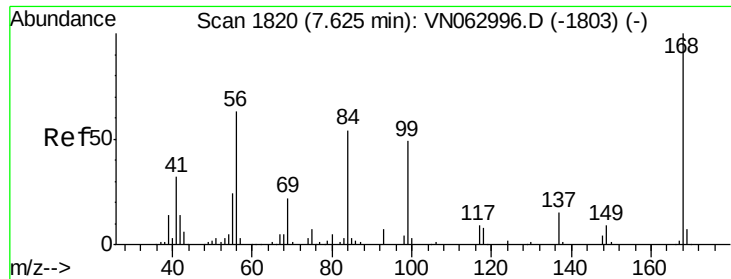
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063132.D

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MSVOA_N

ClientSampleId :

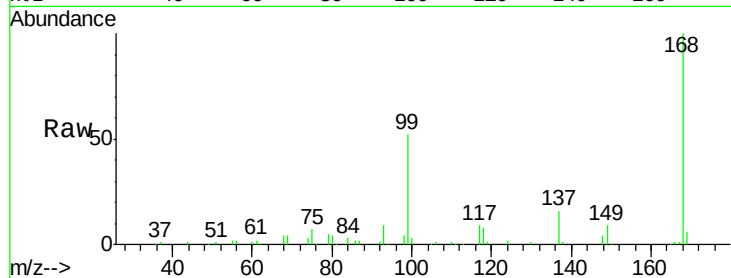
1574DL

Tot Ion:168 Resp: 149780

Ion Ratio Lower Upper

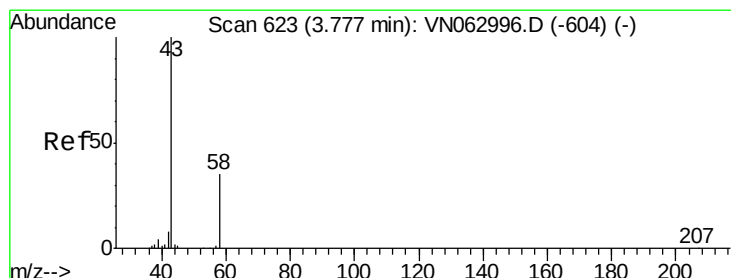
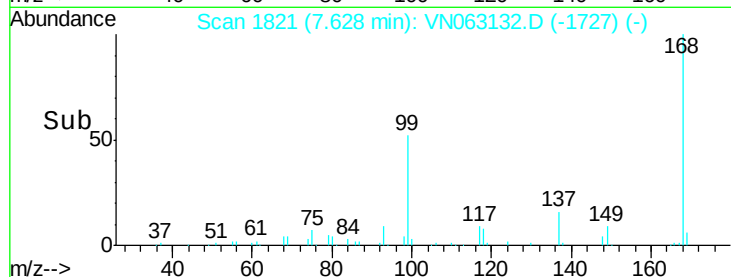
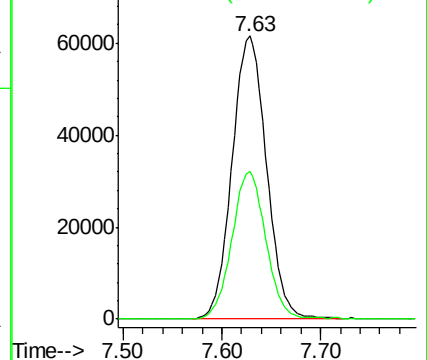
168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 279.715 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063132.D

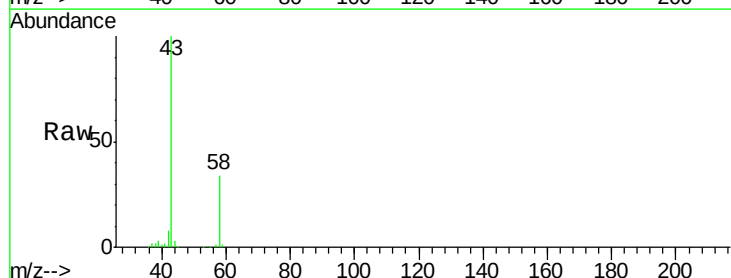
Acq: 26 Aug 2020 14:49

Tgt Ion: 43 Resp: 154583

Ion Ratio Lower Upper

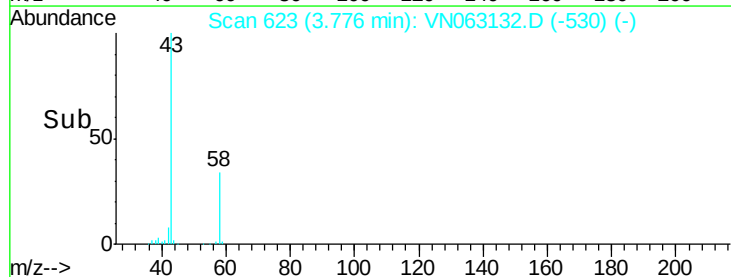
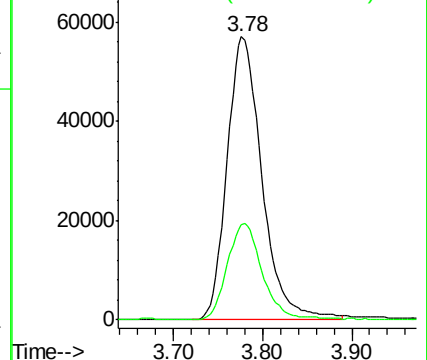
43 100

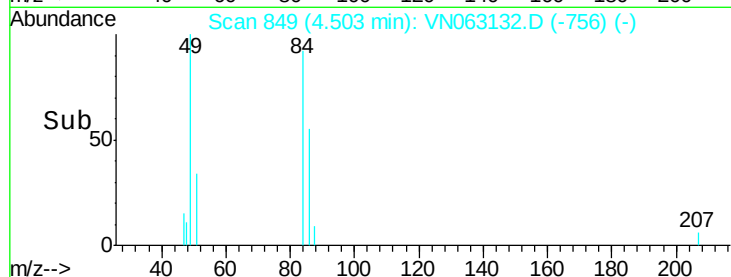
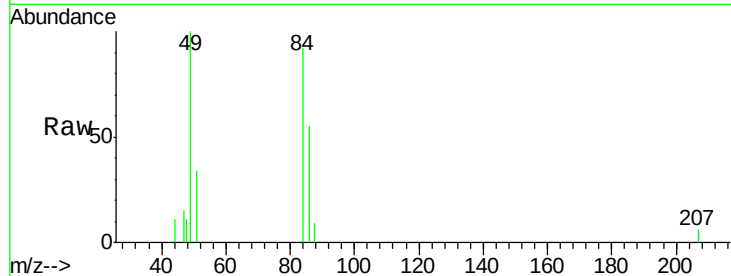
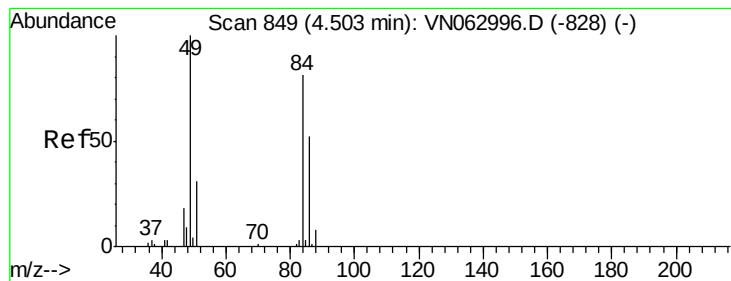
58 33.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 3.250 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063132.D

Acq: 26 Aug 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

1574DL

Tot Ion: 84 Resp: 7041

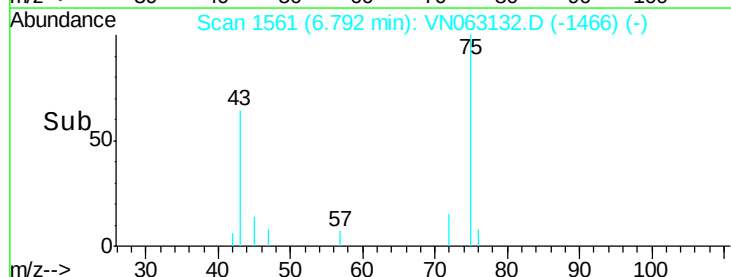
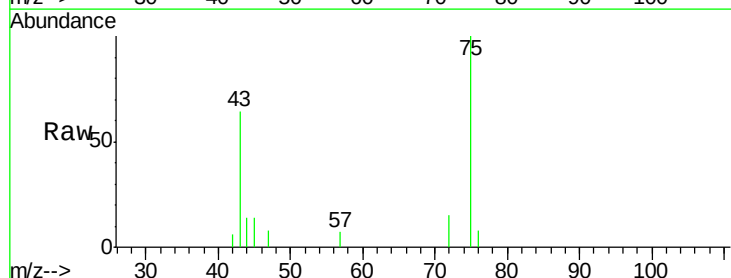
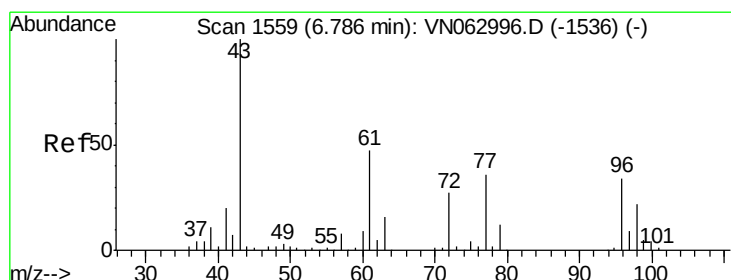
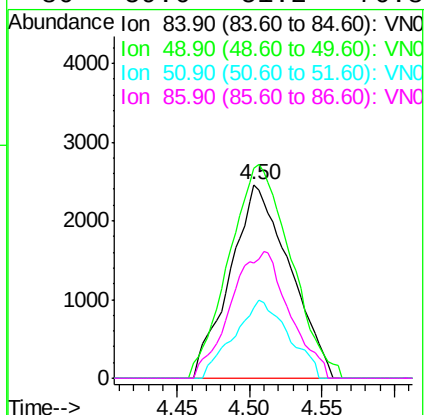
Ion Ratio Lower Upper

84 100

49 108.1 98.7 148.1

51 36.3 30.8 46.2

86 59.6 51.2 76.8



#25

2-Butanone

Concen: 6.274 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN063132.D

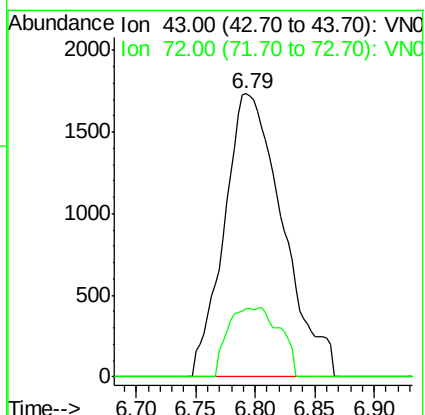
Acq: 26 Aug 2020 14:49

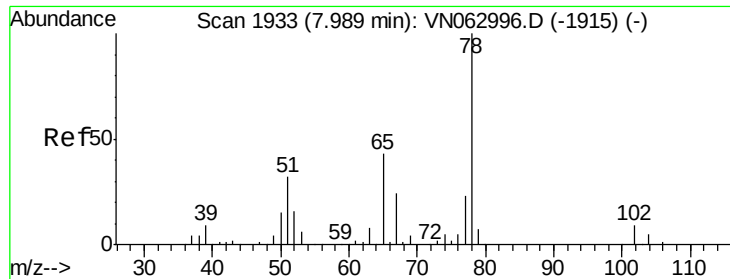
Tgt Ion: 43 Resp: 5913

Ion Ratio Lower Upper

43 100

72 24.0 21.8 32.6

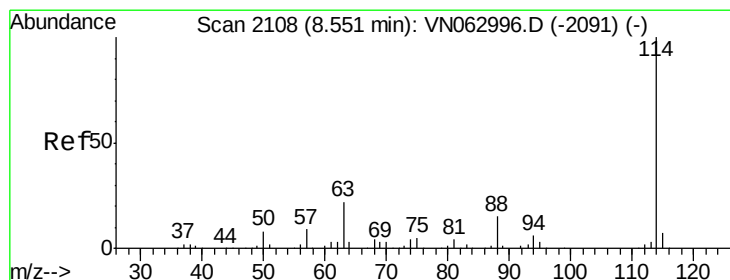
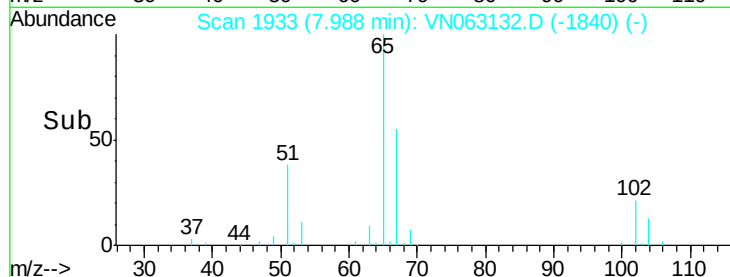
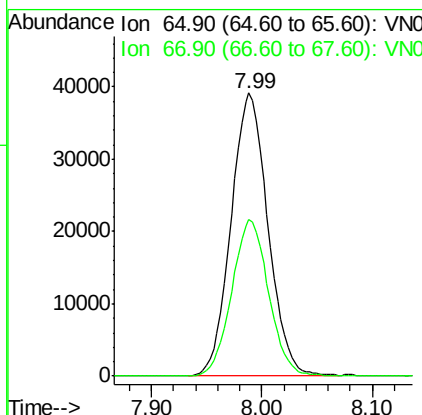
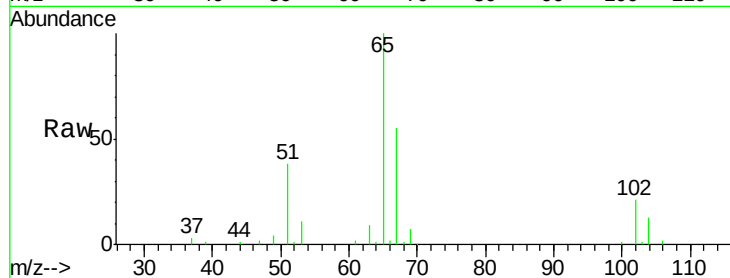




#33
 1,2-Dichloroethane-d4
 Concen: 51.162 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063132.D
 Acq: 26 Aug 2020 14:49

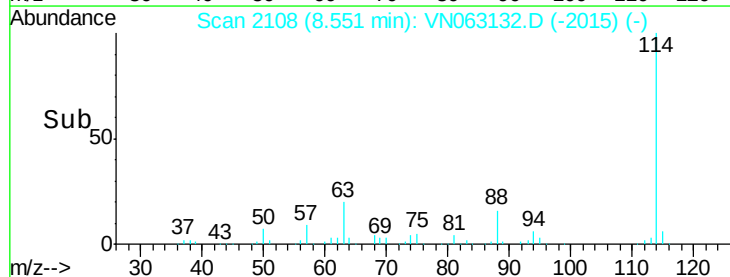
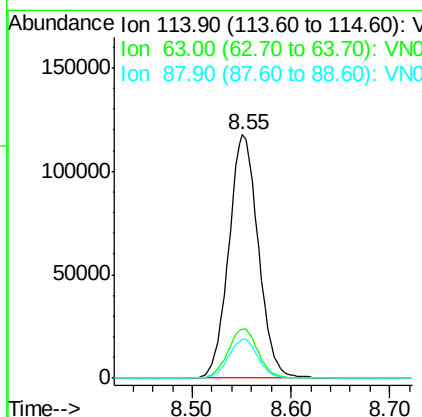
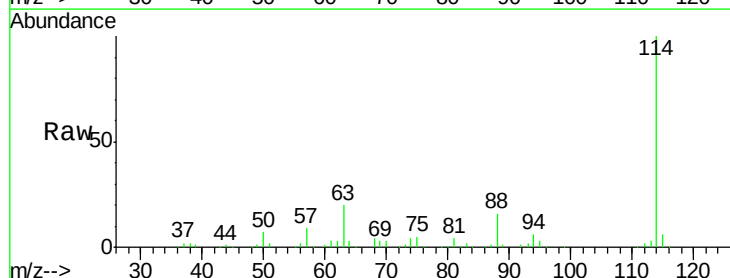
Instrument :
 MSVOA_N
 ClientSampleId :
 1574DL

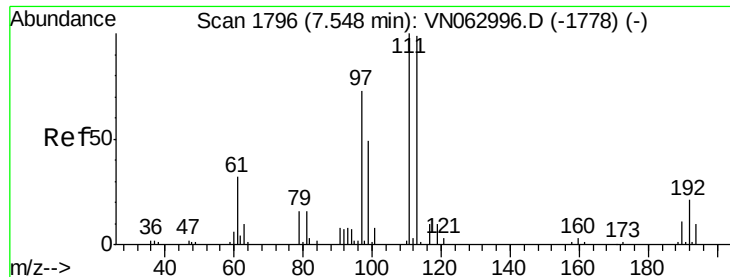
Tot Ion: 65 Resp: 90822
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063132.D
 Acq: 26 Aug 2020 14:49

Tgt Ion: 114 Resp: 245791
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 15.9 0.0 30.6

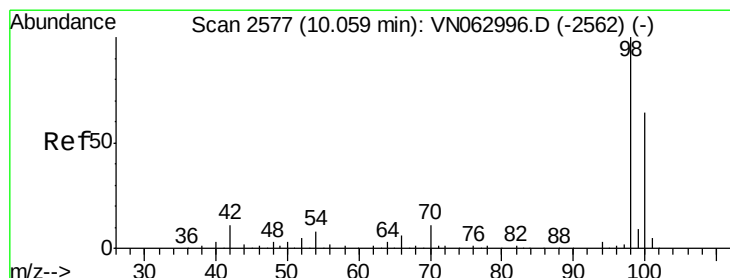
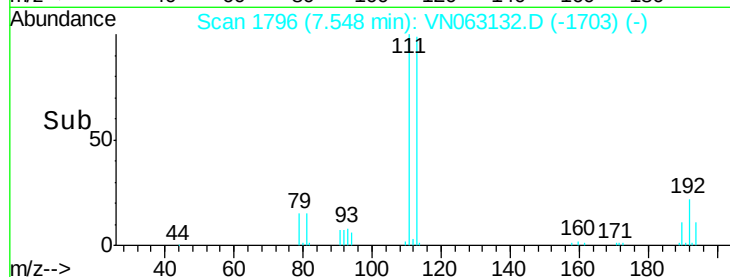
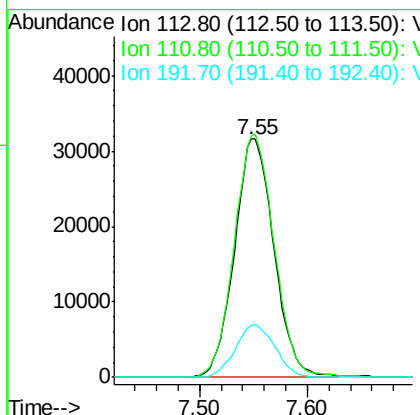
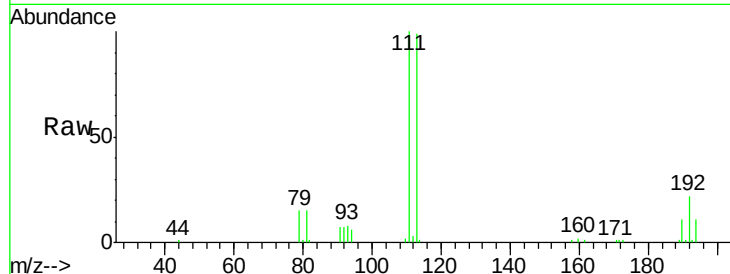




#35
 Dibromofluoromethane
 Concen: 50.165 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063132.D
 Acq: 26 Aug 2020 14:49

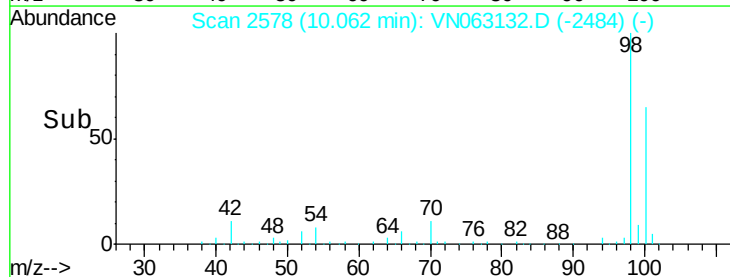
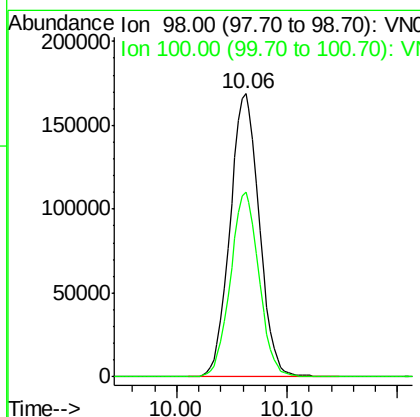
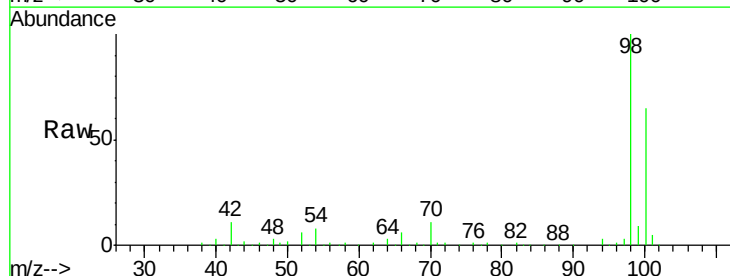
Instrument :
 MSVOA_N
 ClientSampleId :
 1574DL

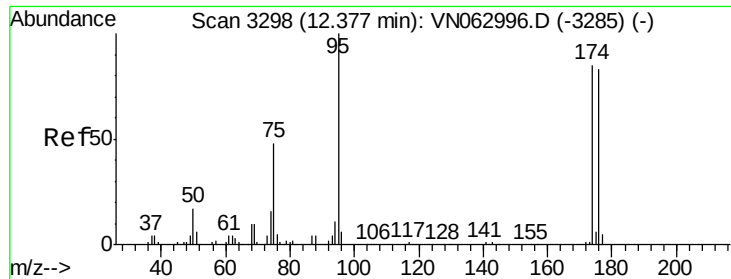
Tot Ion:113 Resp: 80342
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 22.2 17.5 26.3



#50
 Toluene-d8
 Concen: 50.450 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063132.D
 Acq: 26 Aug 2020 14:49

Tgt Ion: 98 Resp: 310353
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.2 76.8

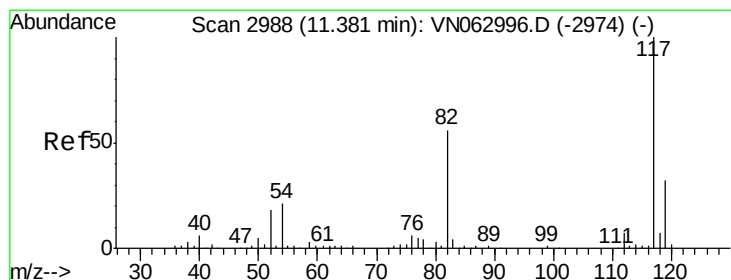
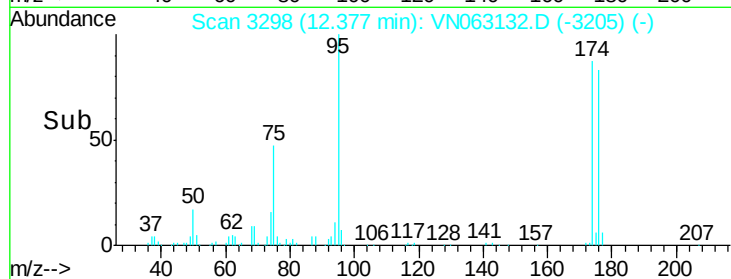
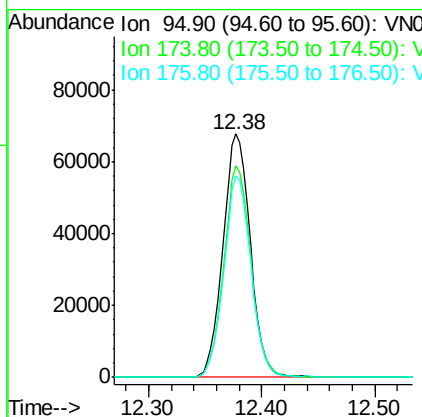
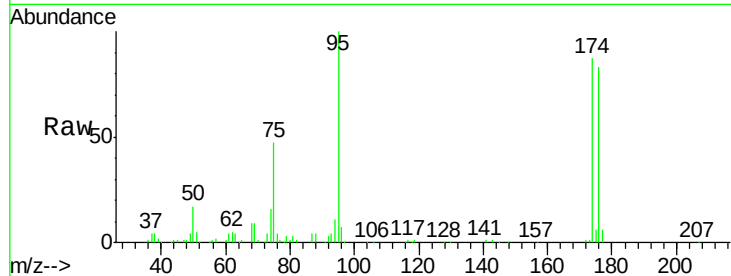




#62
4-Bromofluorobenzene
Concen: 52.501 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063132.D
Acq: 26 Aug 2020 14:49

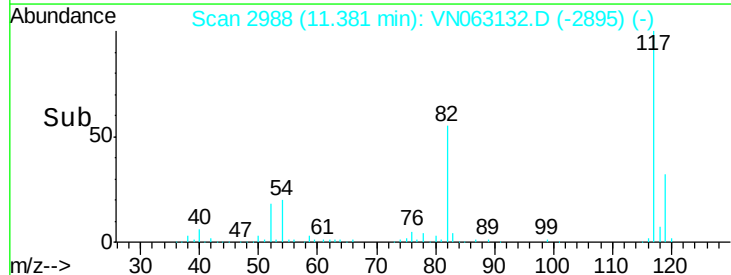
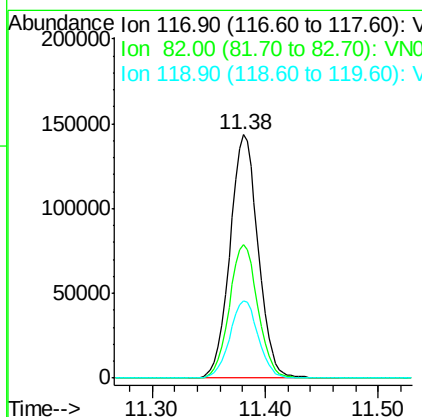
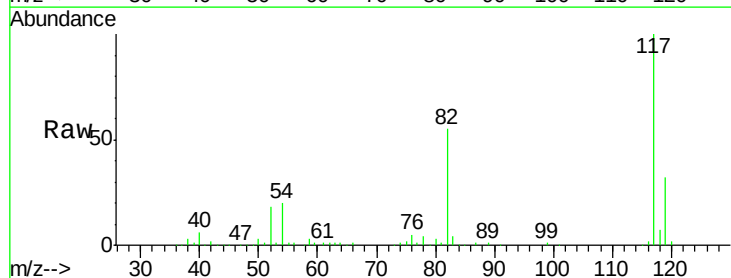
Instrument :
MSVOA_N
ClientSampled :
1574DL

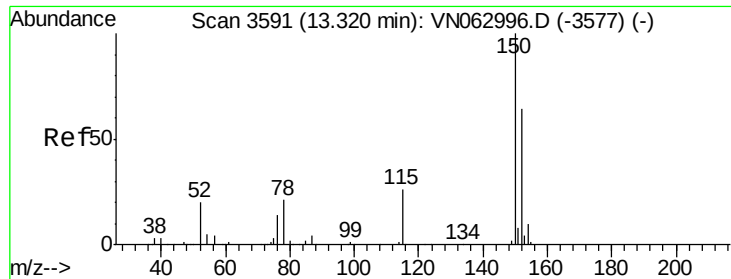
Tot Ion: 95 Resp: 113971
Ion Ratio Lower Upper
95 100
174 86.4 0.0 170.8
176 81.9 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063132.D
Acq: 26 Aug 2020 14:49

Tgt Ion: 117 Resp: 248461
Ion Ratio Lower Upper
117 100
82 54.7 44.5 66.7
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063132.D

Acq: 26 Aug 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

1574DL

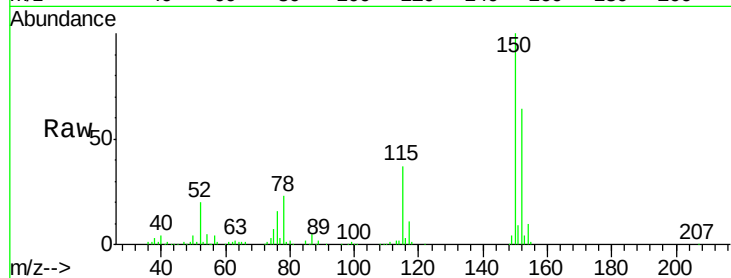
Tot Ion:152 Resp: 113139

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 157.9 0.0 348.8



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

