

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063079.D
 Acq On : 21 Aug 2020 14:39
 Operator : JC/MD
 Sample : L3698-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0208

Quant Time: Aug 22 01:37:50 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	153455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	261293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122196	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	93833	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	82626	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
50) Toluene-d8	10.06	98	323929	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.38	95	125554	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	

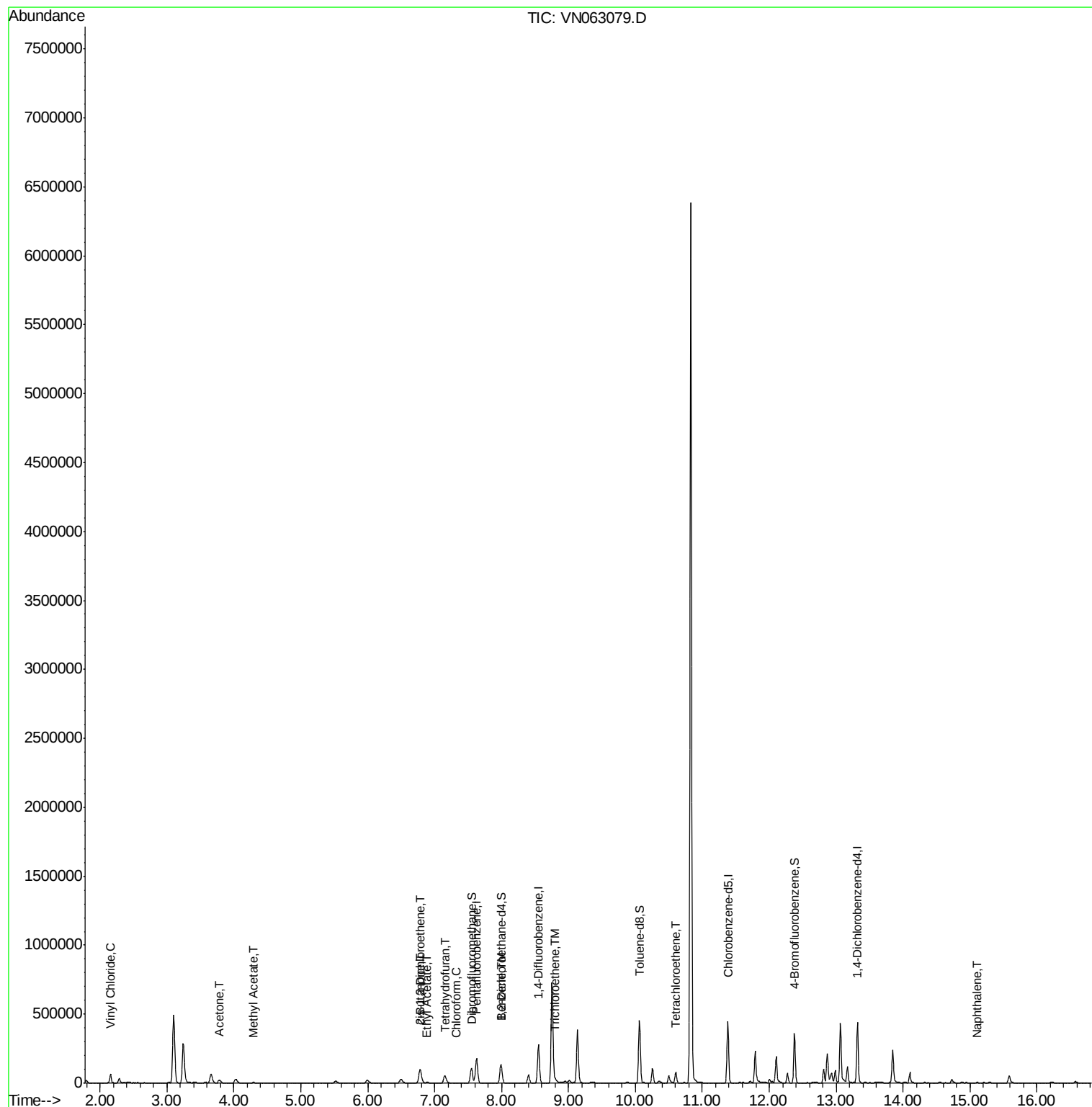
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	19510	9.588	ug/l	98
16) Acetone	3.78	43	34276	57.414	ug/l	99
18) Methyl Acetate	4.28	43	7874	4.357	ug/l	96
25) 2-Butanone	6.79	43	32437	33.594	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	56372	32.993	ug/l	92
29) Tetrahydrofuran	7.17	42	7445	11.947	ug/l #	87
30) Chloroform	7.33	83	1527	0.521	ug/l	94
37) Ethyl Acetate	6.89	43	9209	4.341	ug/l #	78
40) Benzene	8.00	78	35096	4.887	ug/l	95
44) Trichloroethene	8.80	130	5145	2.880	ug/l	84
64) Tetrachloroethene	10.60	164	16146	9.400	ug/l	98
95) Naphthalene	15.11	128	5931	6.721	ug/l	97

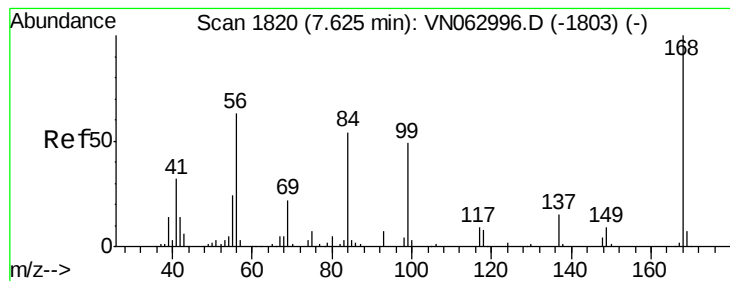
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082120\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

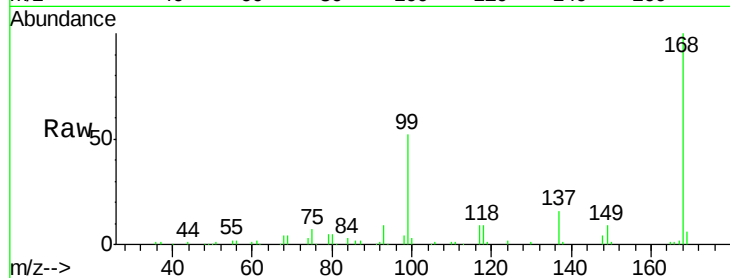
S39-0208

Tot Ion:168 Resp: 153455

Ion Ratio Lower Upper

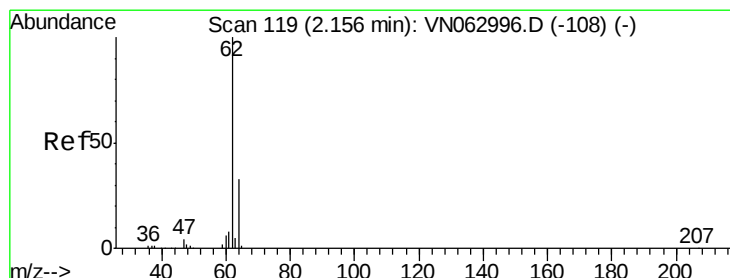
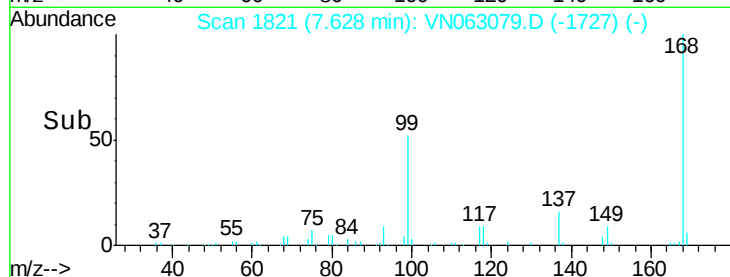
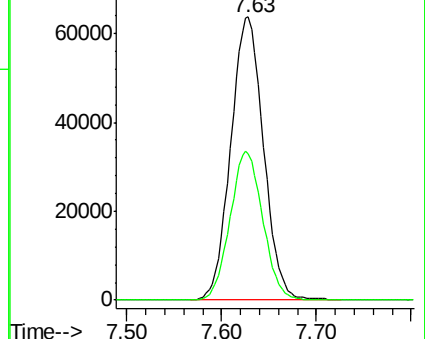
168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 9.588 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063079.D

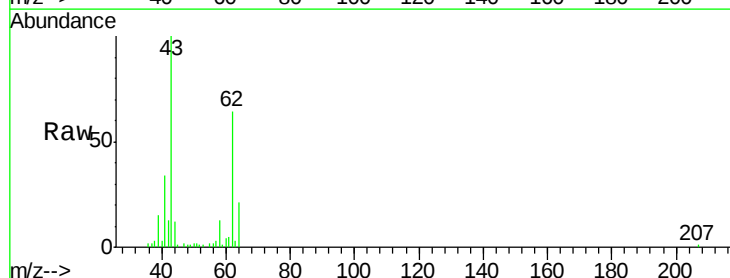
Acq: 21 Aug 2020 14:39

Tgt Ion: 62 Resp: 19510

Ion Ratio Lower Upper

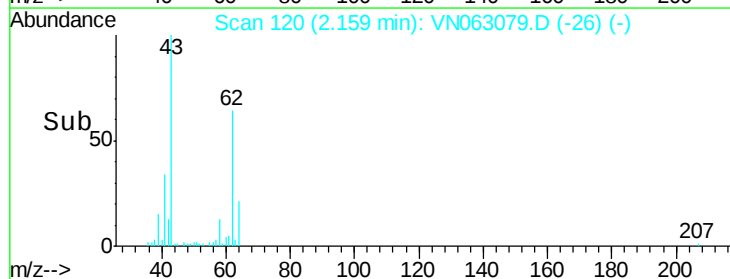
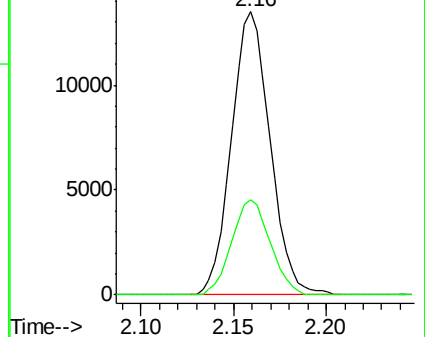
62 100

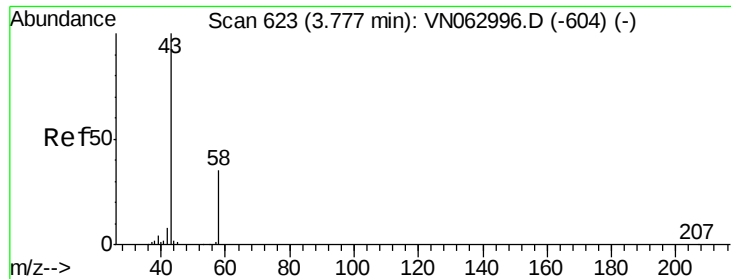
64 33.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#16

Acetone

Concen: 57.414 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

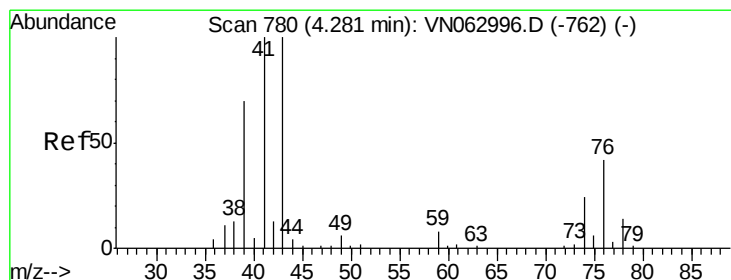
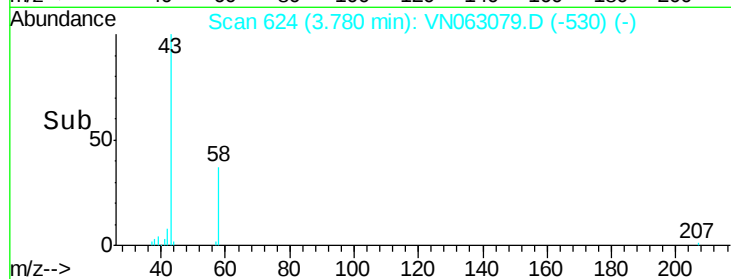
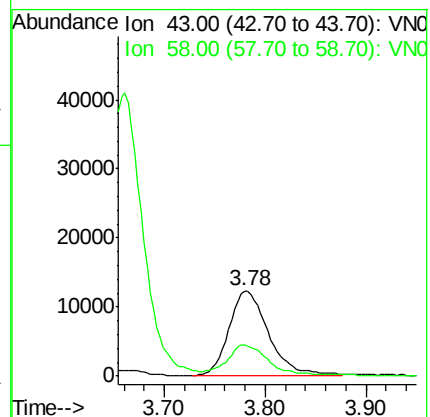
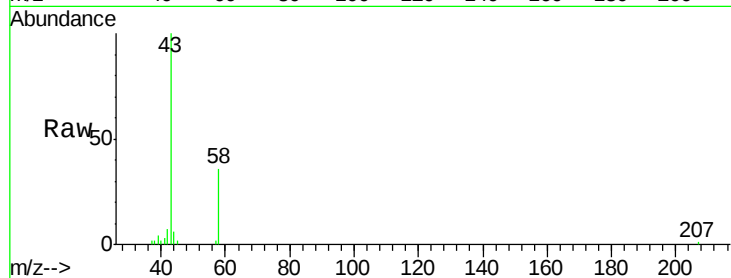
S39-0208

Tot Ion: 43 Resp: 34276

Ion Ratio Lower Upper

43 100

58 34.4 27.8 41.6



#18

Methyl Acetate

Concen: 4.357 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN063079.D

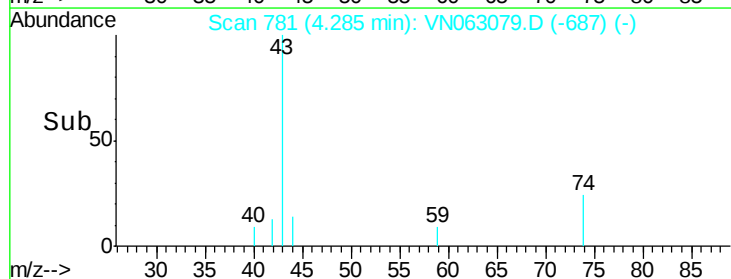
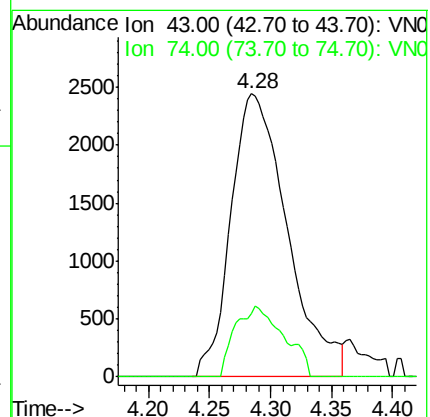
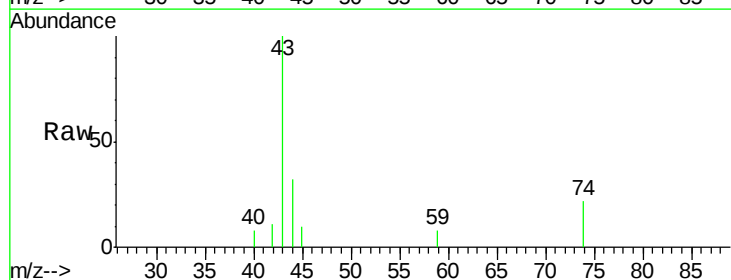
Acq: 21 Aug 2020 14:39

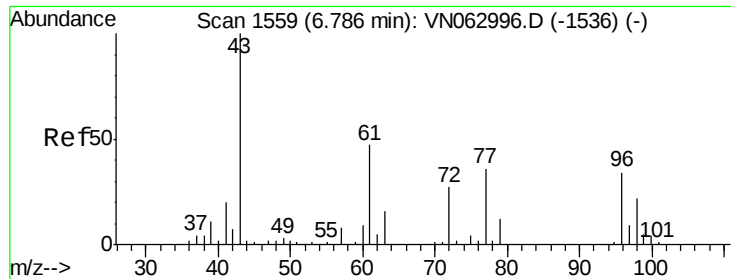
Tgt Ion: 43 Resp: 7874

Ion Ratio Lower Upper

43 100

74 21.4 18.6 28.0

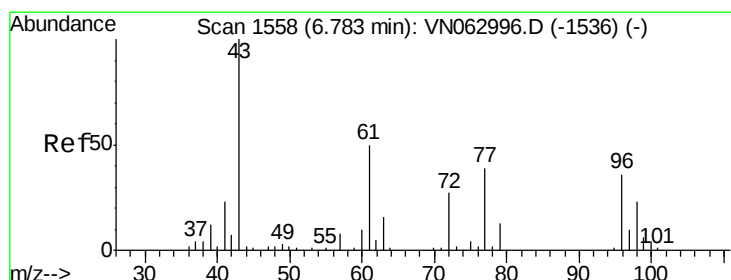
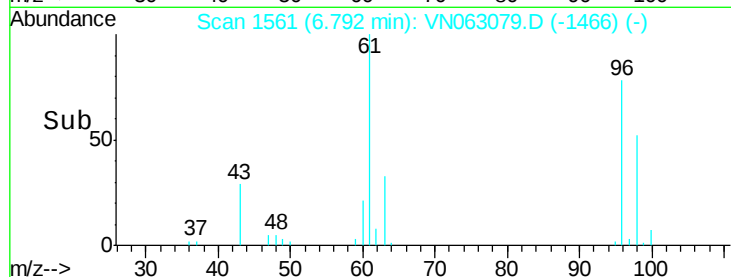
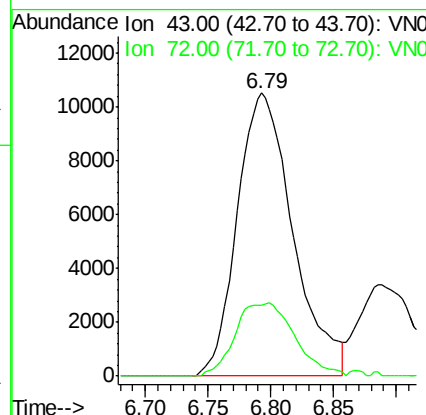
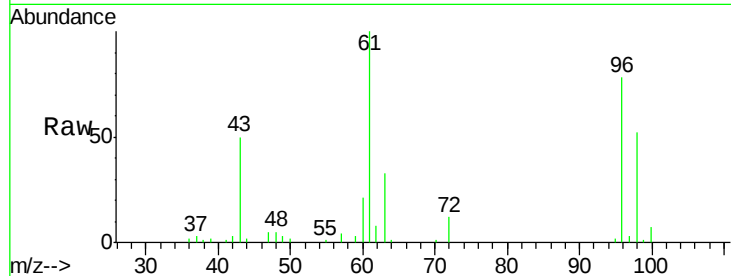




#25
2-Butanone
Concen: 33.594 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN063079.D
Acq: 21 Aug 2020 14:39

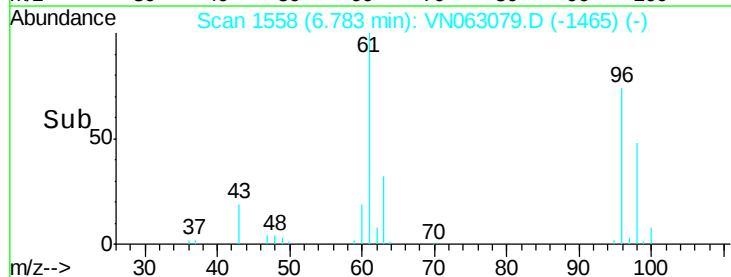
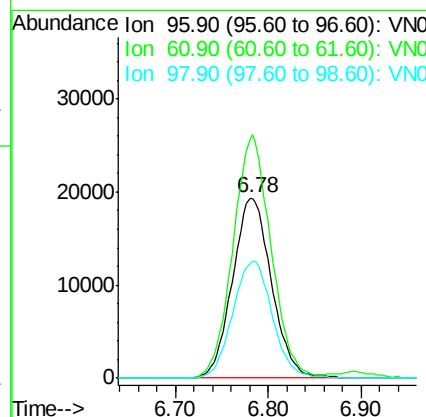
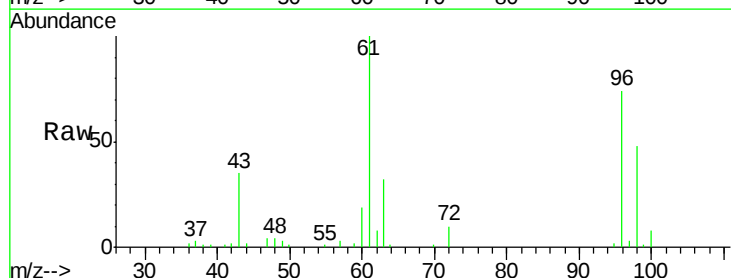
Instrument :
MSVOA_N
ClientSampled :
S39-0208

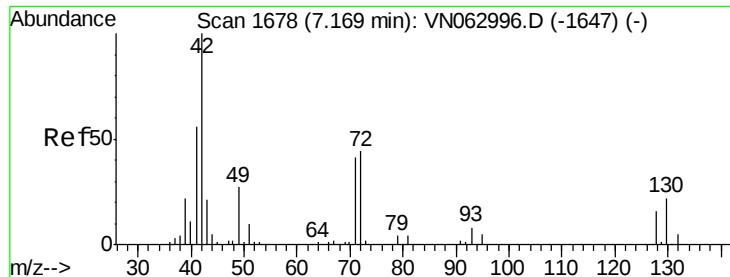
Tot Ion: 43 Resp: 32437
Ion Ratio Lower Upper
43 100
72 25.0 21.8 32.6



#27
cis-1,2-Dichloroethene
Concen: 32.993 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN063079.D
Acq: 21 Aug 2020 14:39

Tgt Ion: 96 Resp: 56372
Ion Ratio Lower Upper
96 100
61 131.5 0.0 292.8
98 65.7 0.0 130.6

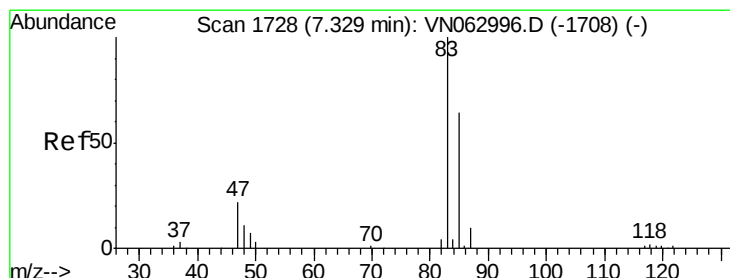
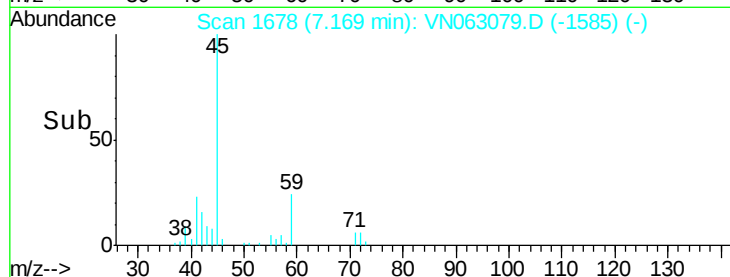
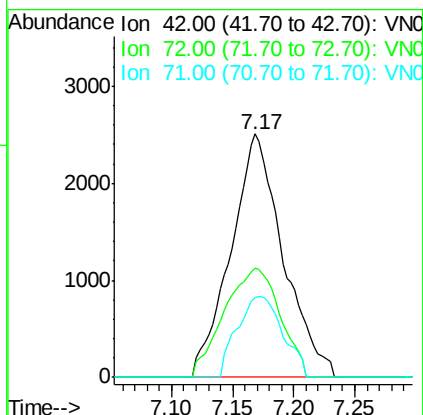
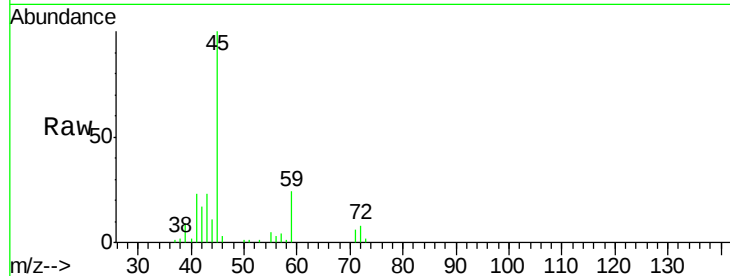




#29
Tetrahydrofuran
Concen: 11.947 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063079.D
Acq: 21 Aug 2020 14:39

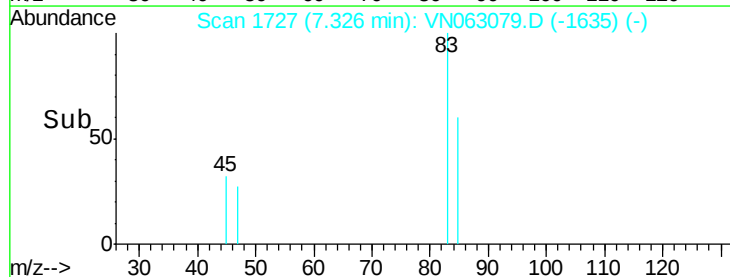
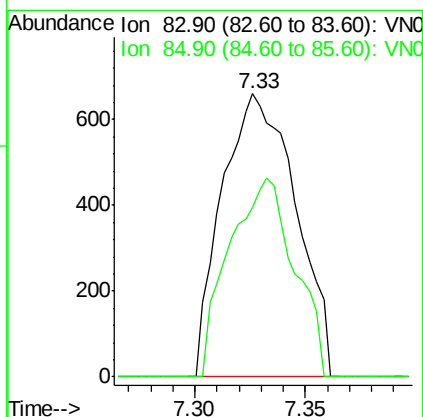
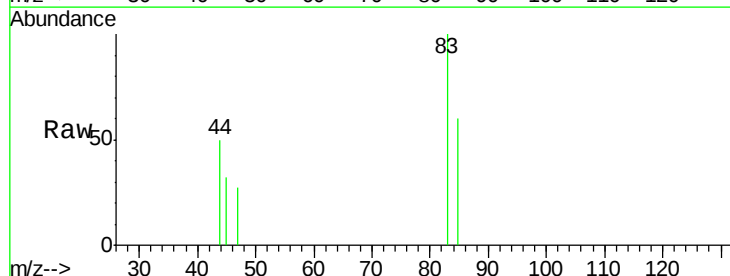
Instrument :
MSVOA_N
ClientSampled :
S39-0208

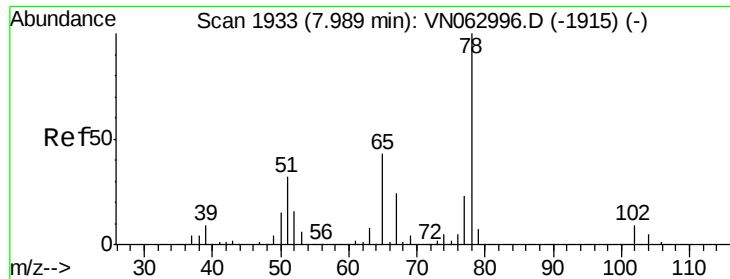
Tot Ion: 42 Resp: 7445
Ion Ratio Lower Upper
42 100
72 48.0 34.6 52.0
71 28.8 32.3 48.5#



#30
Chloroform
Concen: 0.521 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063079.D
Acq: 21 Aug 2020 14:39

Tgt Ion: 83 Resp: 1527
Ion Ratio Lower Upper
83 100
85 59.7 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 51.593 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

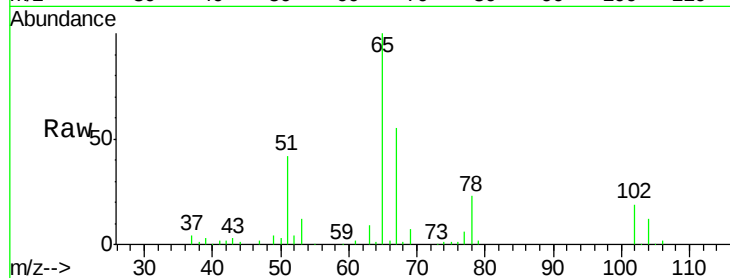
S39-0208

Tot Ion: 65 Resp: 93833

Ion Ratio Lower Upper

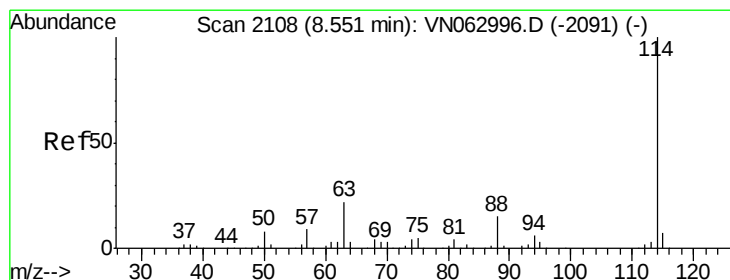
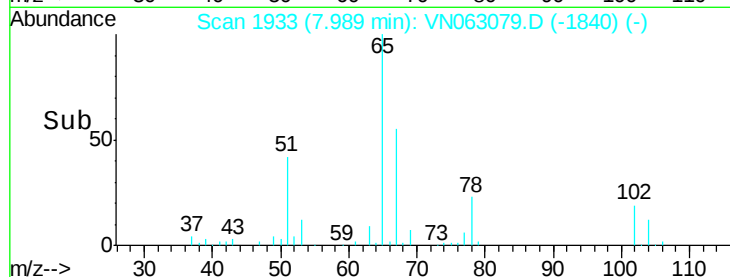
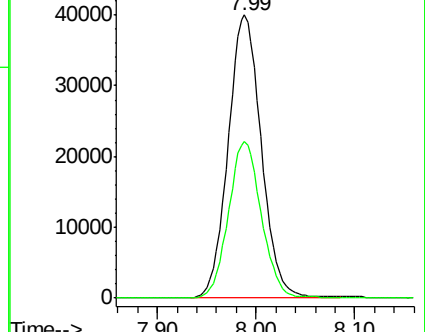
65 100

67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN063079.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN063079.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

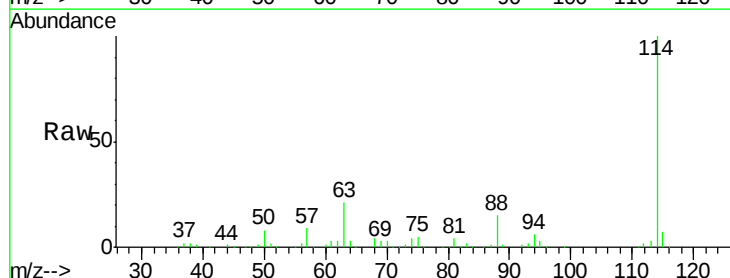
Tgt Ion: 114 Resp: 256933

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

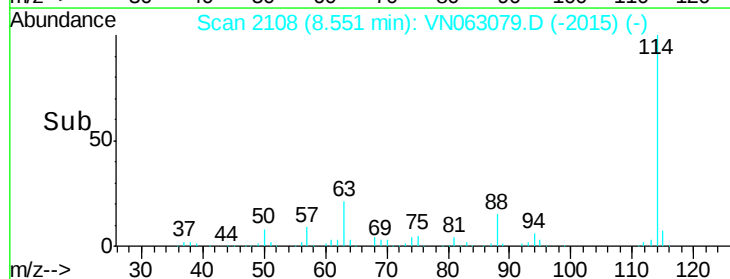
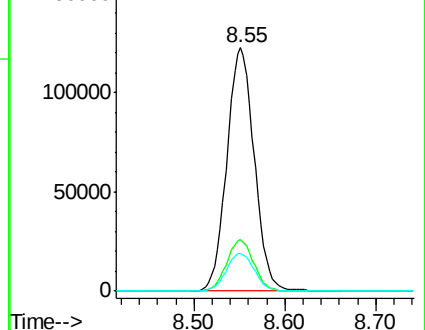
88 15.4 0.0 30.6

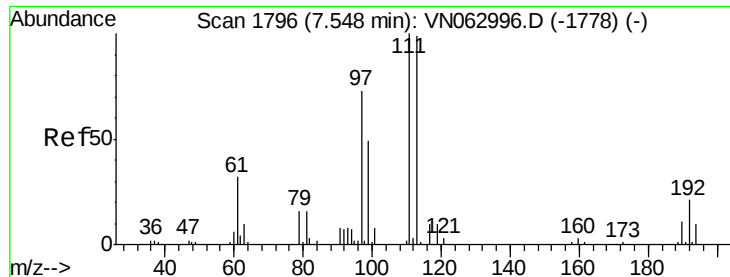


Abundance Ion 113.90 (113.60 to 114.60): VN063079.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN063079.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN063079.D (-2015) (-)

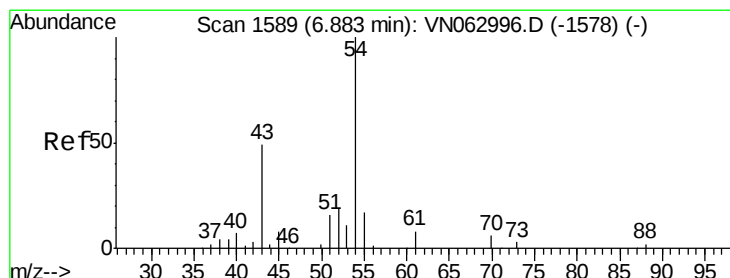
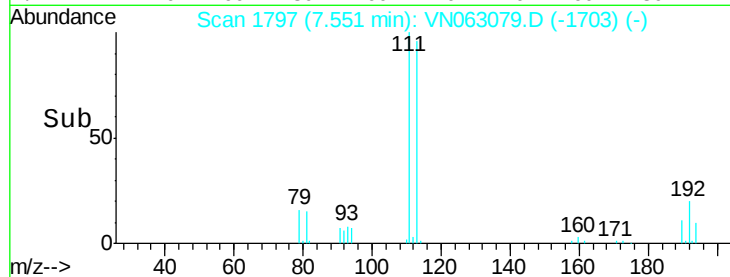
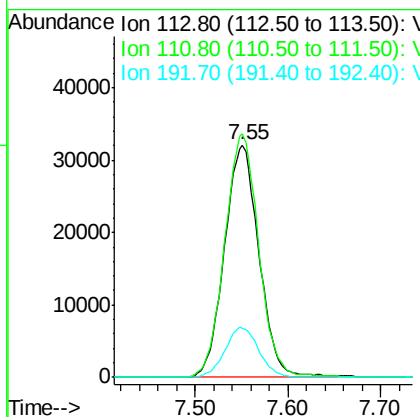
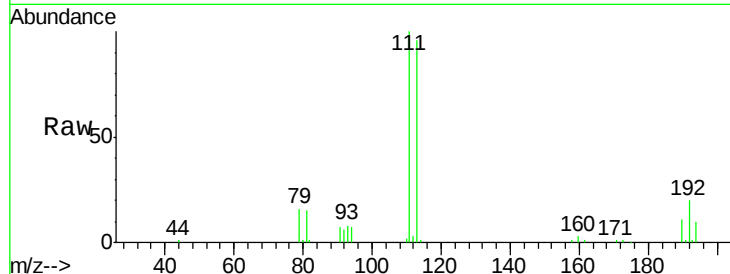




#35
 Dibromofluoromethane
 Concen: 49.354 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063079.D
 Acq: 21 Aug 2020 14:39

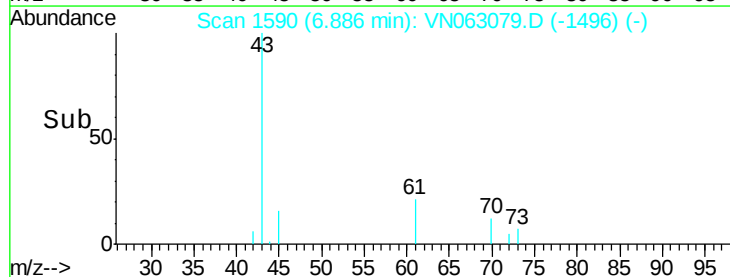
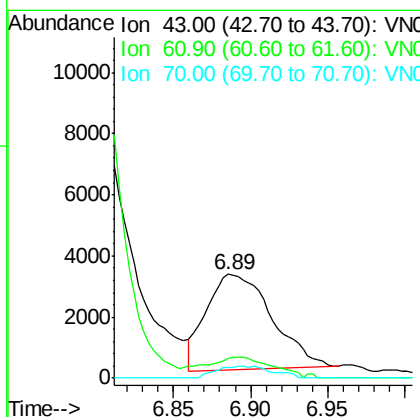
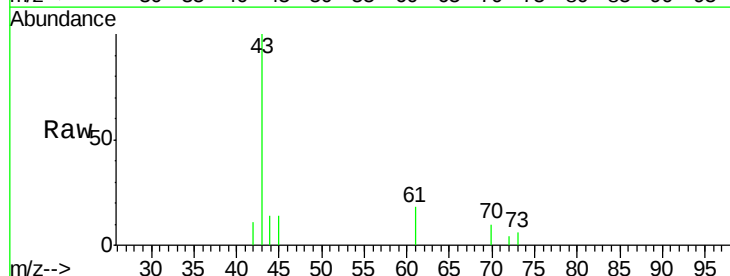
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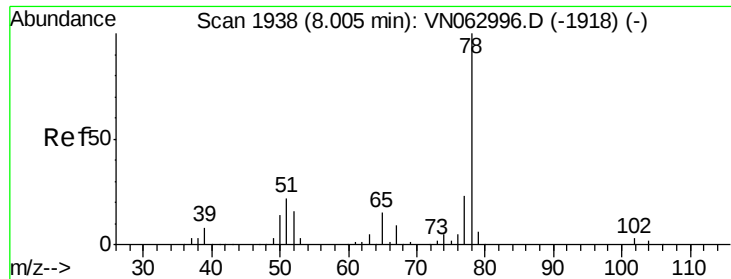
Tot Ion:113 Resp: 82626
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 21.0 17.5 26.3



#37
 Ethyl Acetate
 Concen: 4.341 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VN063079.D
 Acq: 21 Aug 2020 14:39

Tgt Ion: 43 Resp: 9209
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 9.8 8.2 12.2

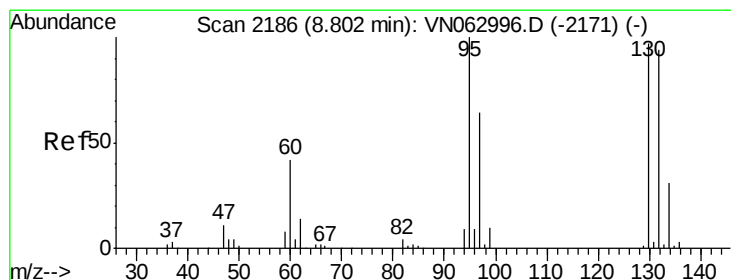
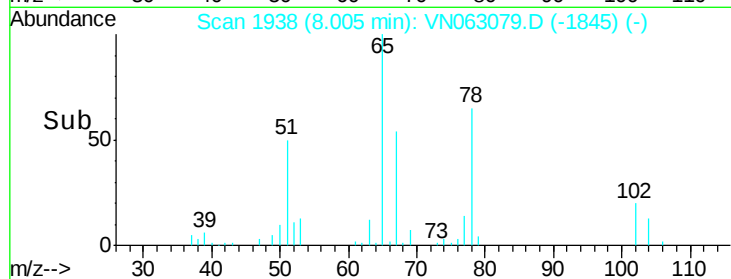
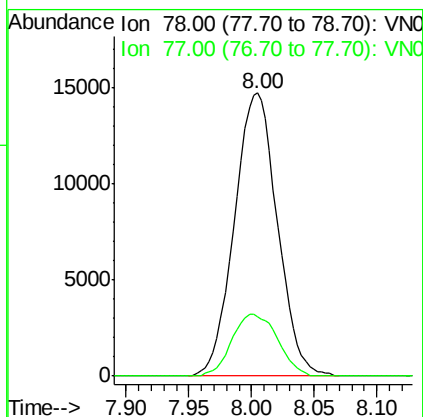
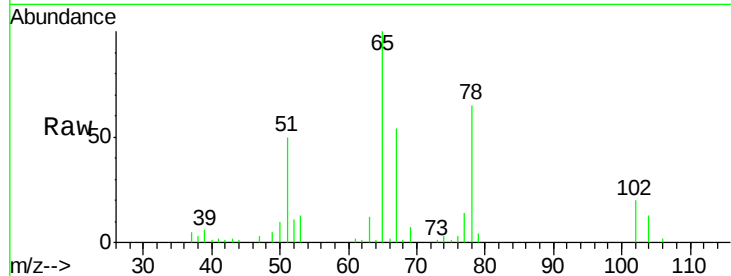




#40
Benzene
Concen: 4.887 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063079.D
Acq: 21 Aug 2020 14:39

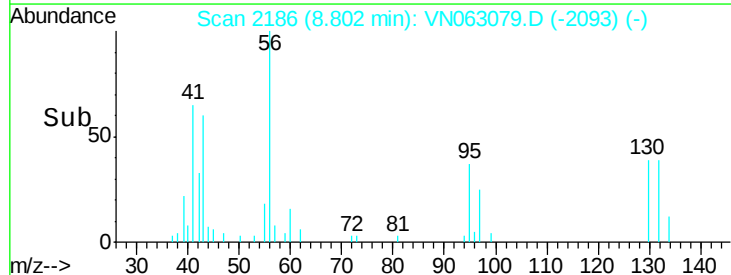
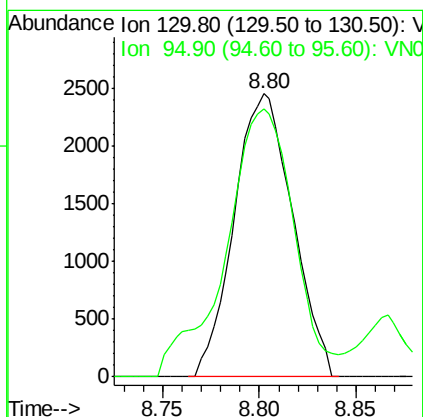
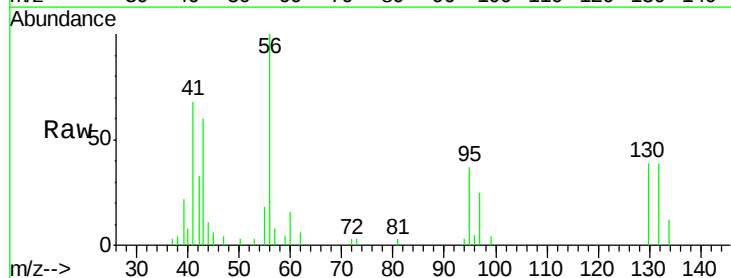
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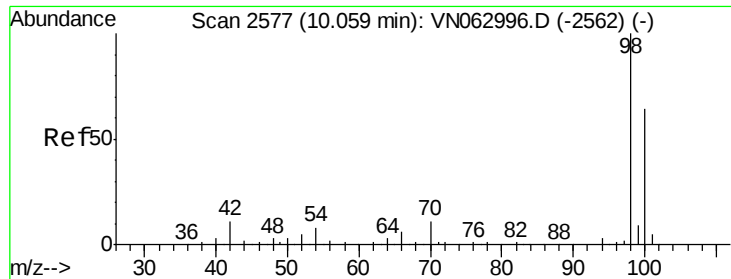
Tot Ion: 78 Resp: 35096
Ion Ratio Lower Upper
78 100
77 21.2 18.8 28.2



#44
Trichloroethene
Concen: 2.880 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063079.D
Acq: 21 Aug 2020 14:39

Tgt Ion: 130 Resp: 5145
Ion Ratio Lower Upper
130 100
95 86.5 0.0 205.6





#50

Toluene-d8

Concen: 50.373 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

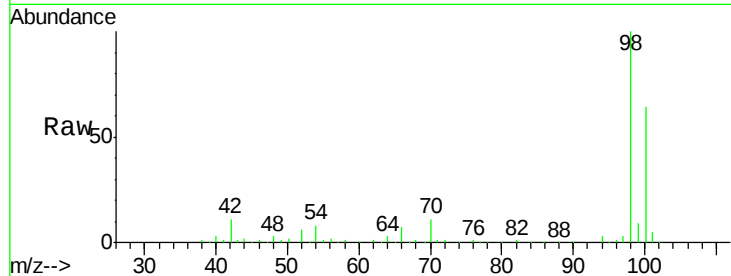
S39-0208

Tot Ion: 98 Resp: 323929

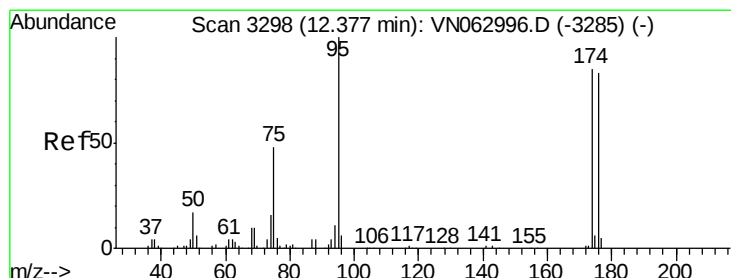
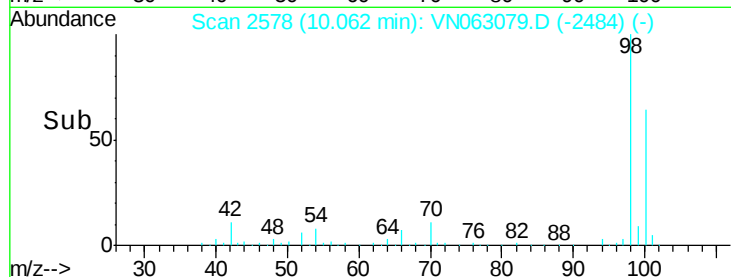
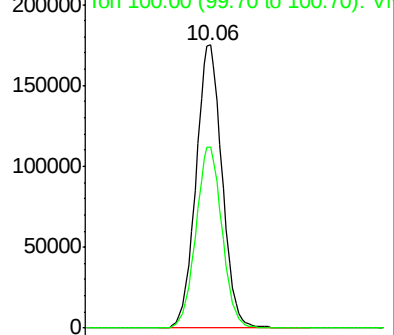
Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)



#62

4-Bromofluorobenzene

Concen: 55.329 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

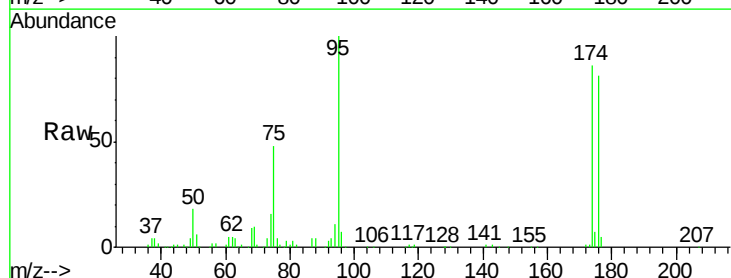
Tgt Ion: 95 Resp: 125554

Ion Ratio Lower Upper

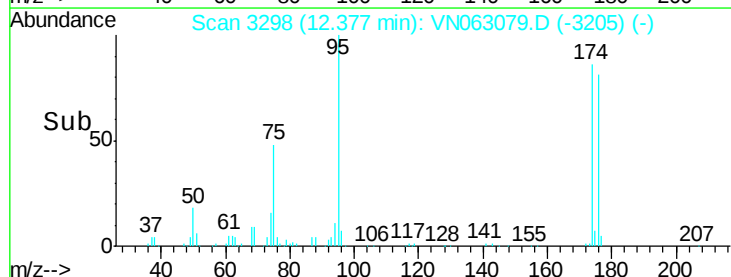
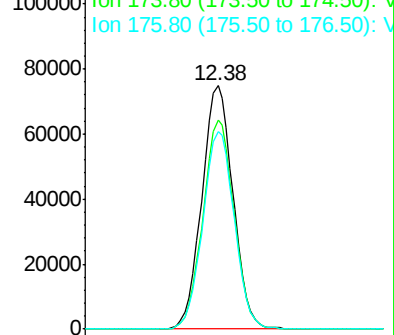
95 100

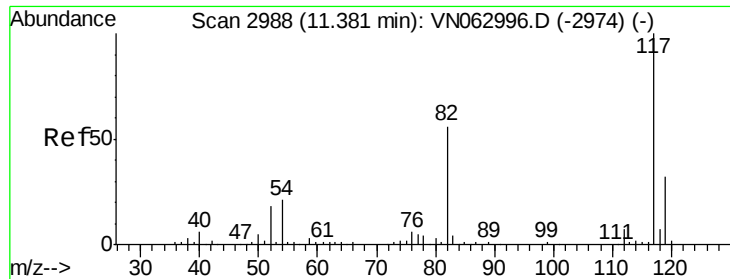
174 86.0 0.0 170.8

176 82.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

S39-0208

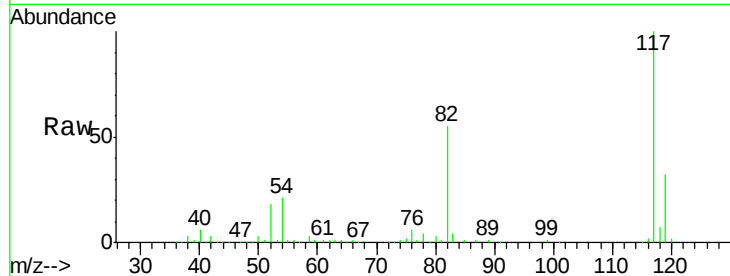
Tot Ion:117 Resp: 261293

Ion Ratio Lower Upper

117 100

82 55.1 44.5 66.7

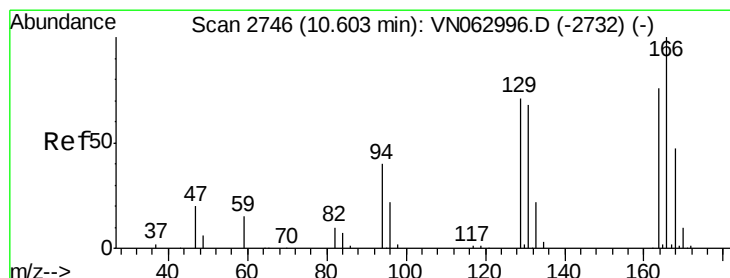
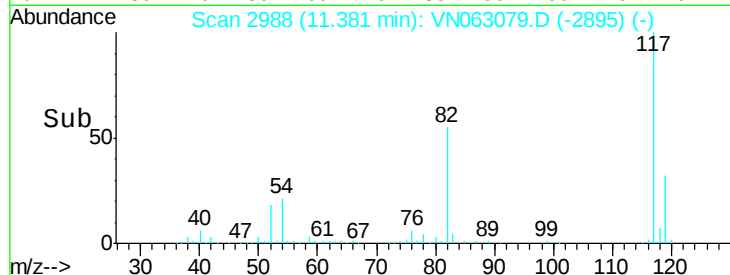
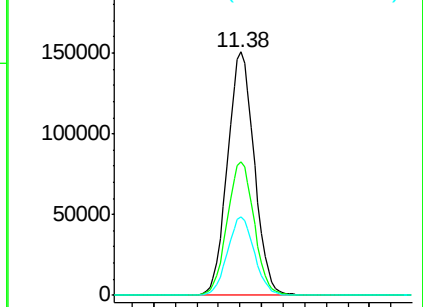
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 9.400 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

Tgt Ion:164 Resp: 16146

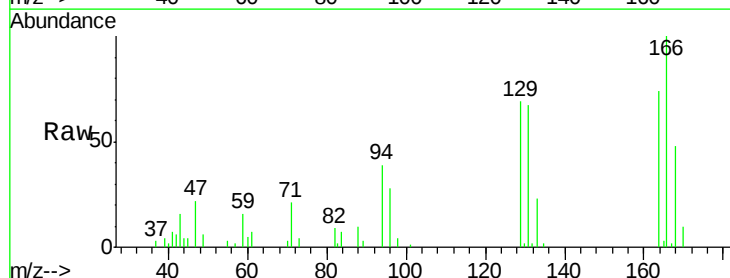
Ion Ratio Lower Upper

164 100

166 134.9 105.0 157.6

129 93.4 74.7 112.1

131 90.0 71.0 106.4

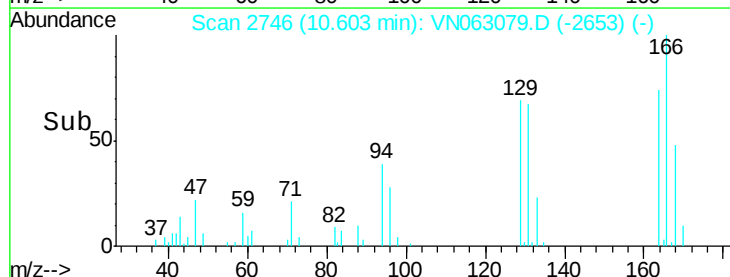
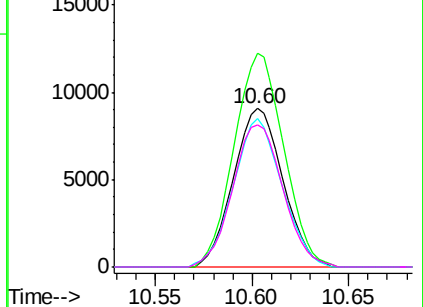


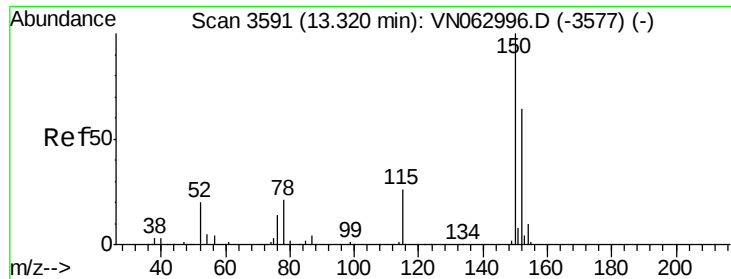
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN063079.D

Acq: 21 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

S39-0208

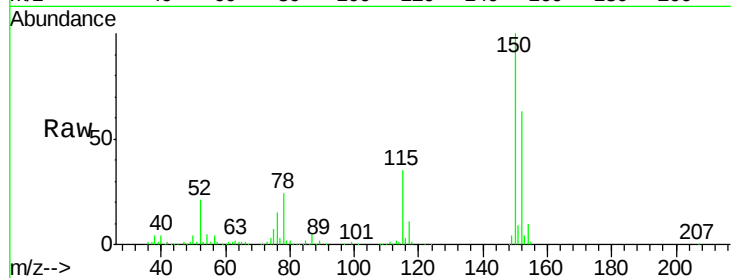
Tot Ion:152 Resp: 122196

Ion Ratio Lower Upper

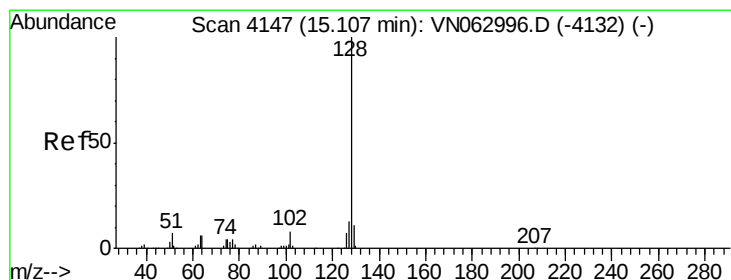
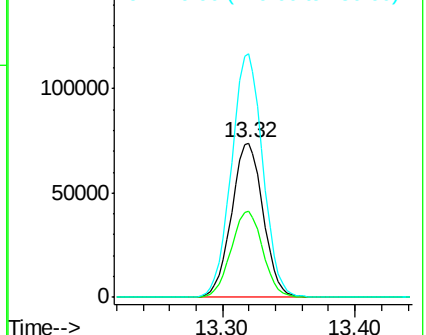
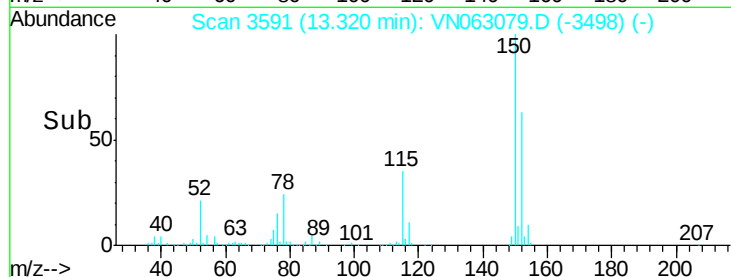
152 100

115 56.4 28.7 86.3

150 156.9 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



#95

Naphthalene

Concen: 6.721 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063079.D

Acq: 21 Aug 2020 14:39

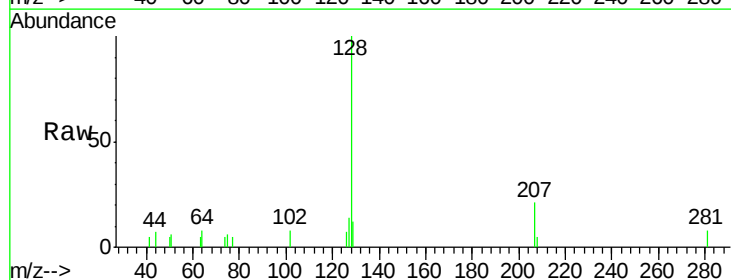
Tgt Ion:128 Resp: 5931

Ion Ratio Lower Upper

128 100

127 11.2 10.6 16.0

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

