

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062660.D
 Acq On : 30 Jul 2020 10:22
 Operator : JC/MD
 Sample : VN0730WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBL01

Quant Time: Jul 31 04:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	133117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	230357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77840	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	114621	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	7.55	113	79786	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.06	98	306911	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.38	95	104986	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	

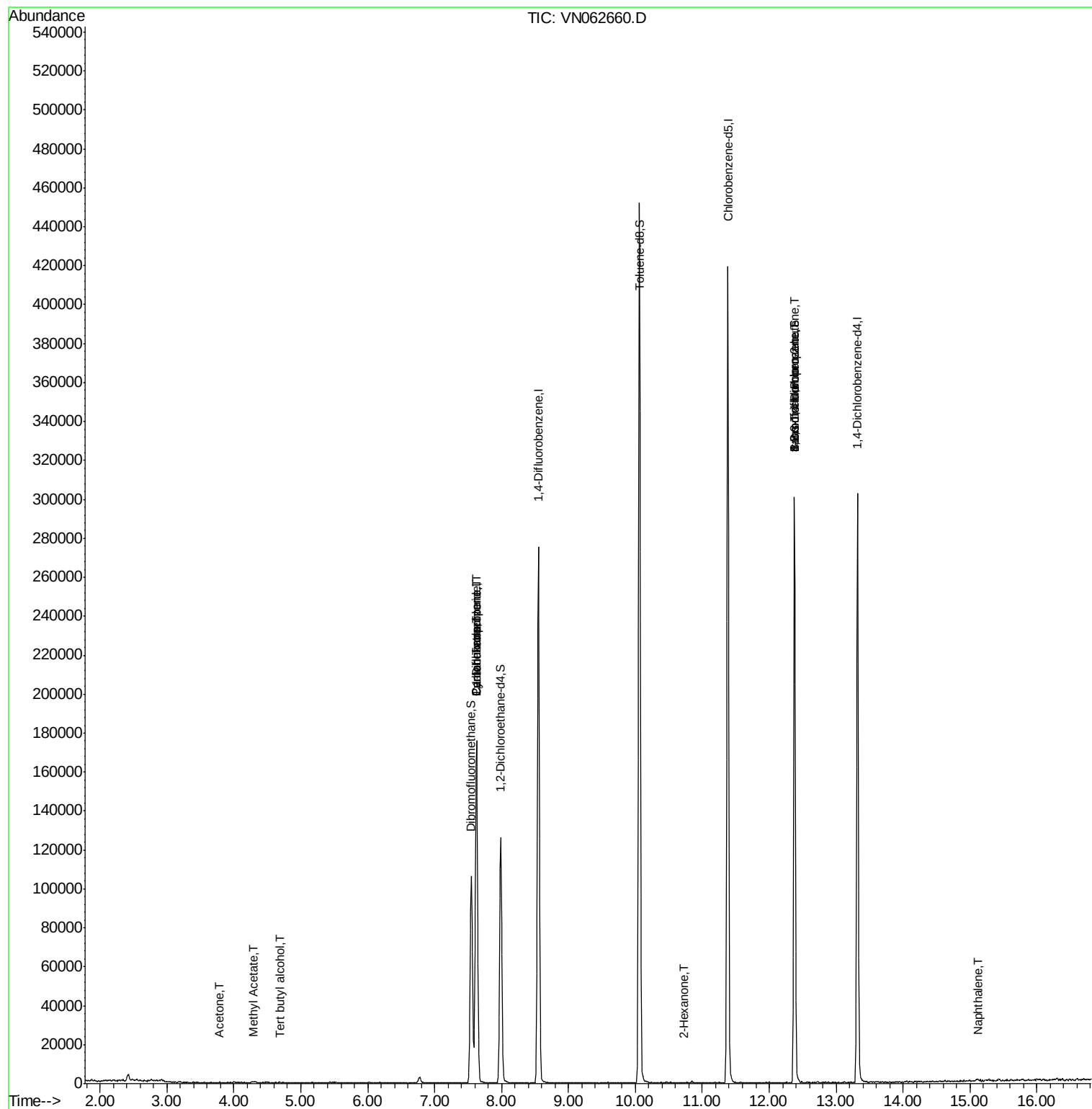
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	158	0.480	ug/l #	73
16) Acetone	3.78	43	449	0.577	ug/l #	44
18) Methyl Acetate	4.29	43	1907	0.968	ug/l #	59
31) Cyclohexane	7.63	56	3407	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11867	4.833	ug/l #	51
38) Carbon Tetrachloride	7.63	117	14467	6.130	ug/l #	19
59) 2-Hexanone	10.72	43	239	3.079	ug/l #	26
71) Bromoform	12.37	173	290	0.214	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	58494	29.523	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58494	82.185	ug/l #	12
95) Naphthalene	15.11	128	877	3.996	ug/l #	69

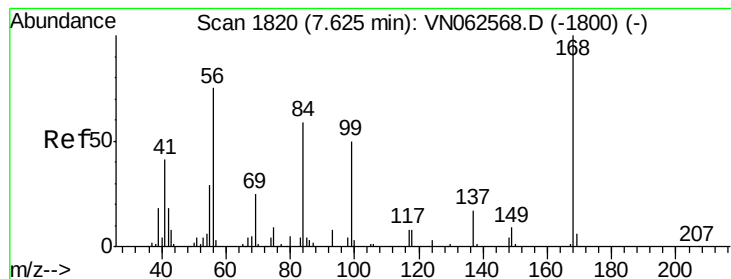
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073020\
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 31 04:03:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062660.D

Acq: 30 Jul 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

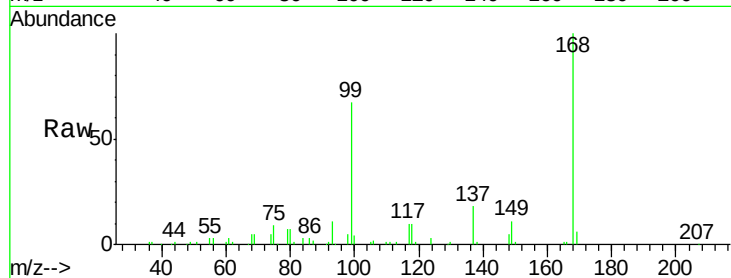
VN0730WBL01

Tot Ion:168 Resp: 133117

Ion Ratio Lower Upper

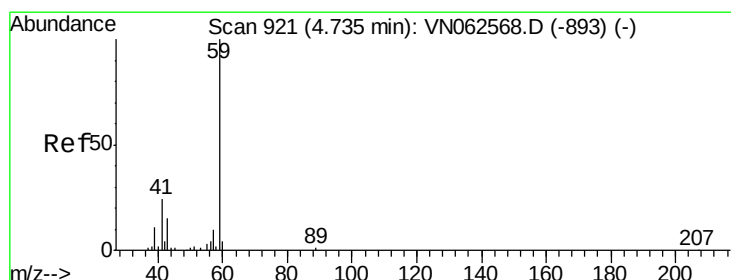
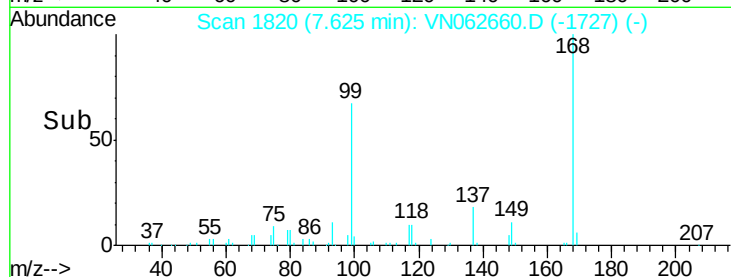
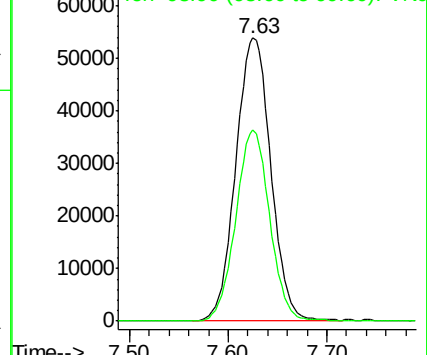
168 100

99 67.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.480 ug/l

RT: 4.69 min Scan# 906

Delta R.T. -0.05 min

Lab File: VN062660.D

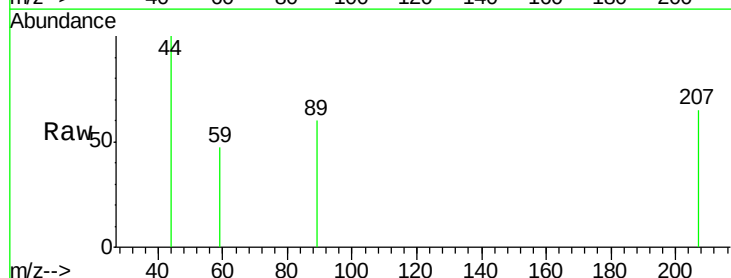
Acq: 30 Jul 2020 10:22

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

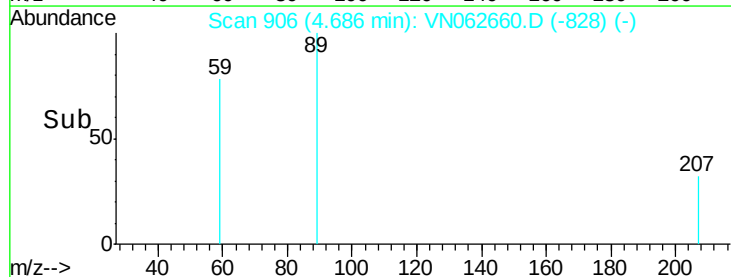
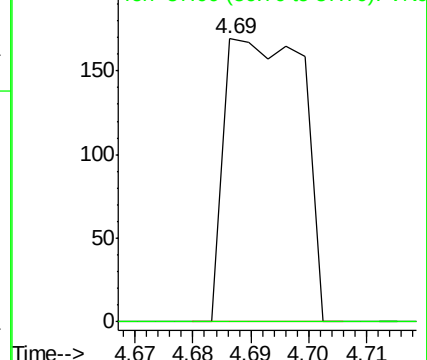
59 100

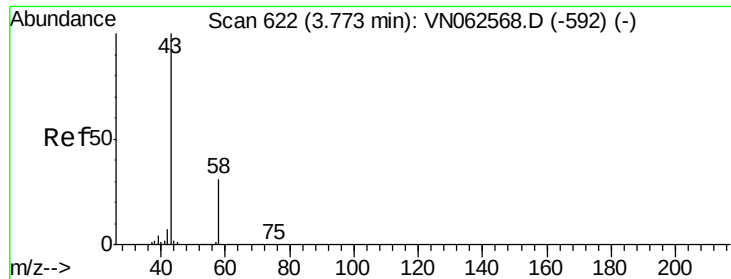
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

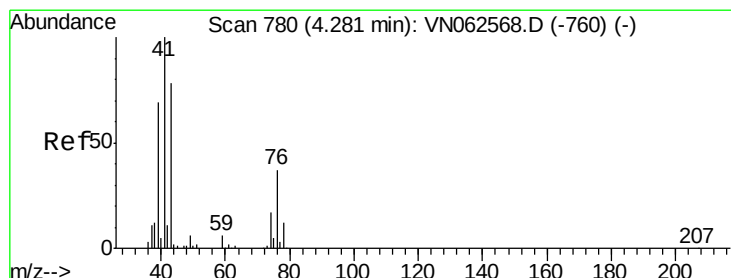
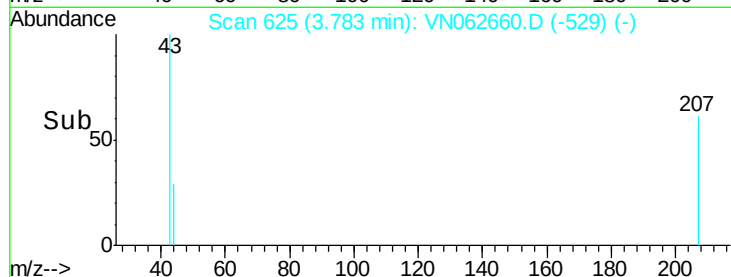
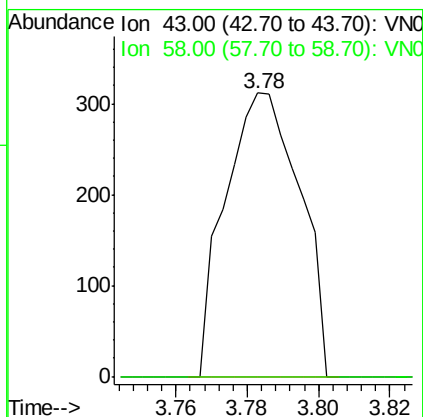
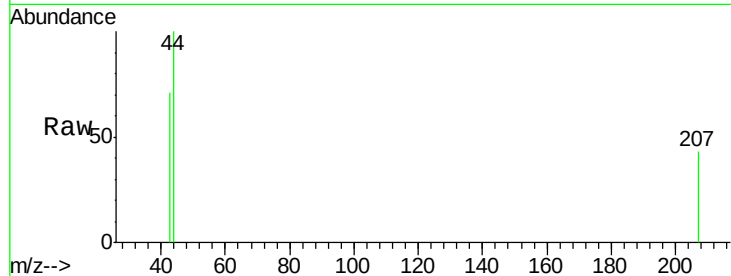




#16
Acetone
Concen: 0.577 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

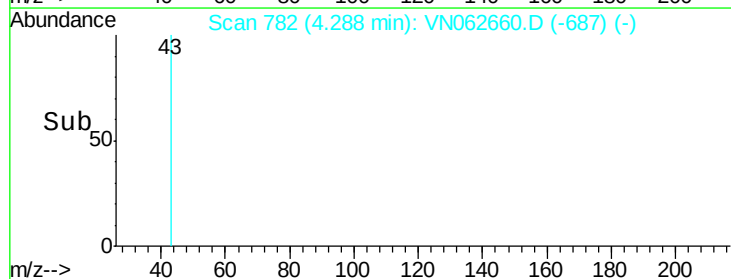
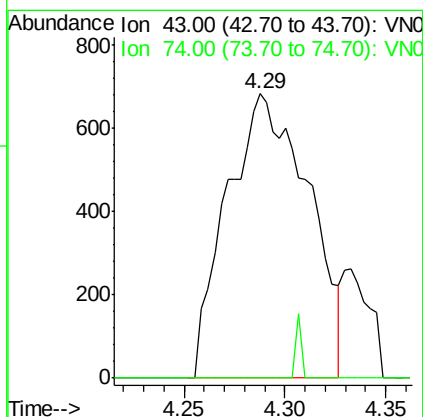
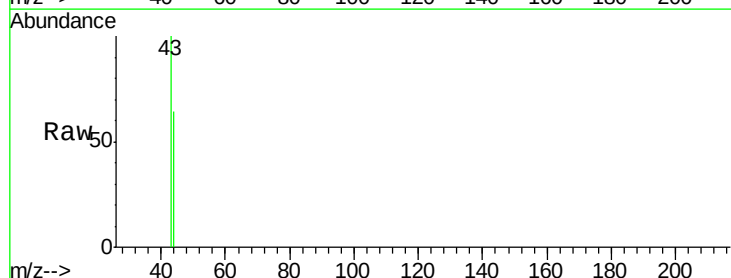
Instrument :
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ClientSampleId :
VN0730WBL01

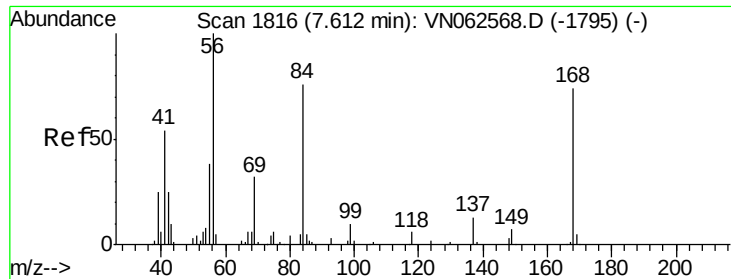
Tot Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#18
Methyl Acetate
Concen: 0.968 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
74 1.5 16.6 24.8#

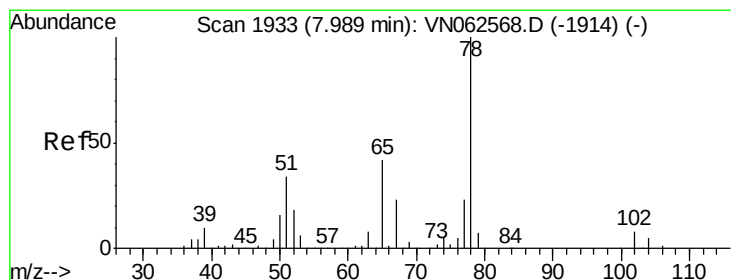
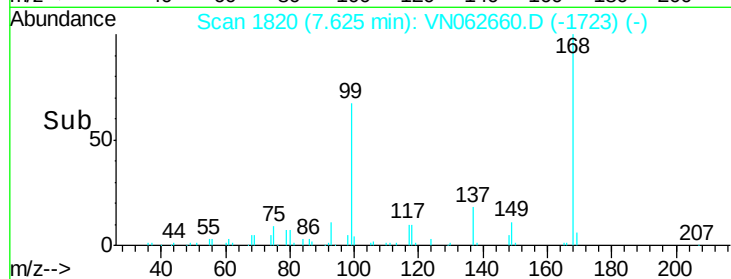
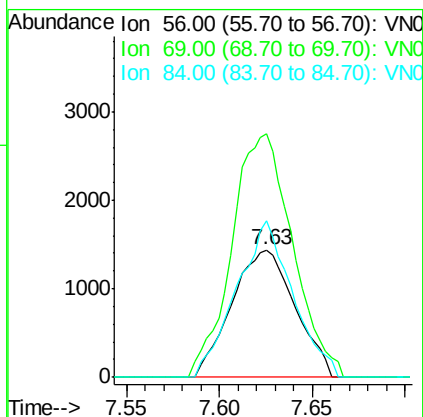
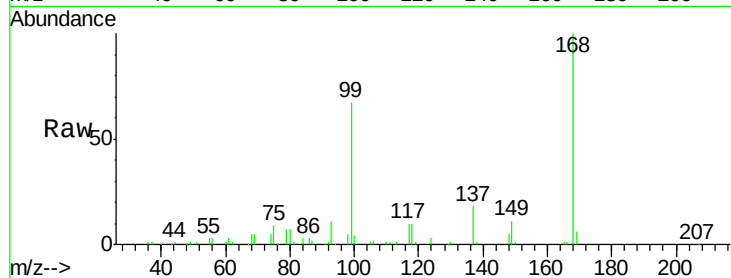




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

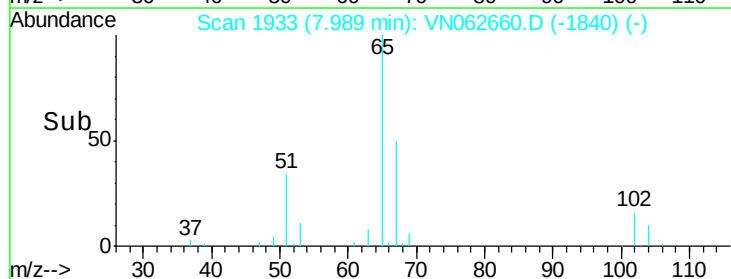
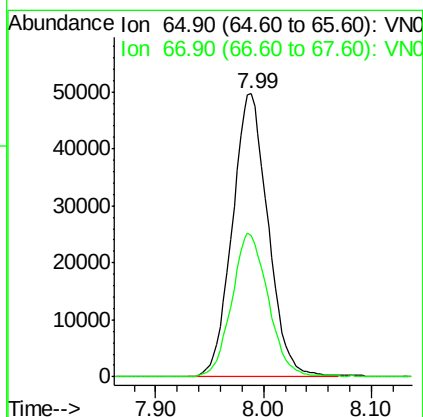
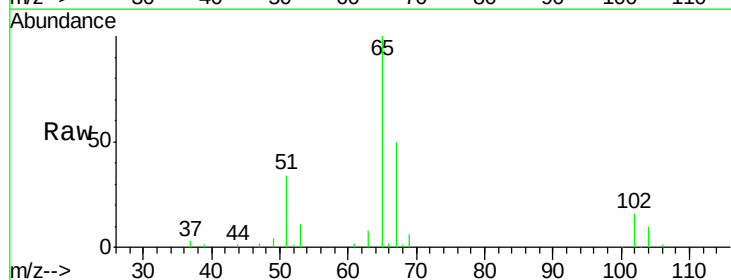
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

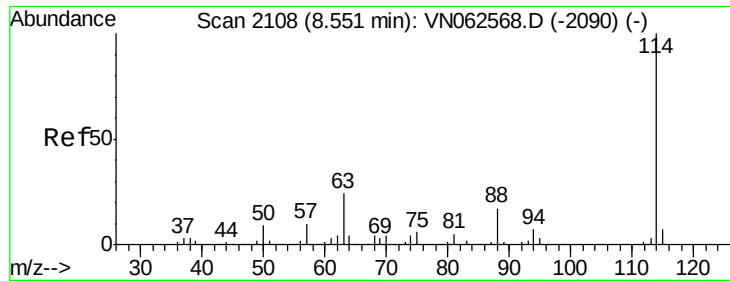
Tot Ion: 56 Resp: 3407
Ion Ratio Lower Upper
56 100
69 191.2 25.3 37.9#
84 122.7 61.0 91.4#



#33
1,2-Dichloroethane-d4
Concen: 55.428 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

Tgt Ion: 65 Resp: 114621
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

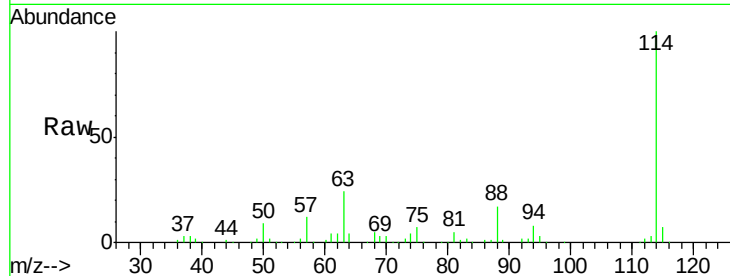




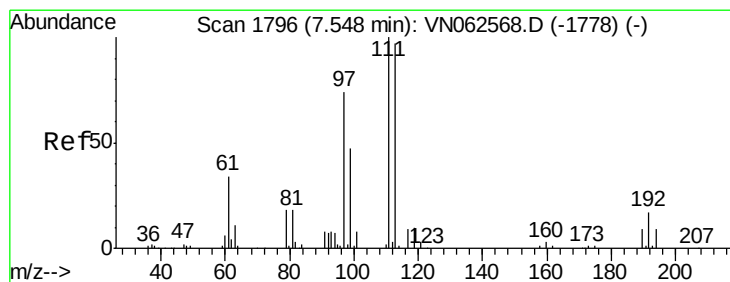
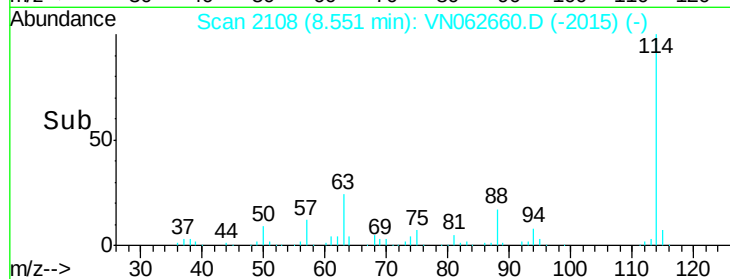
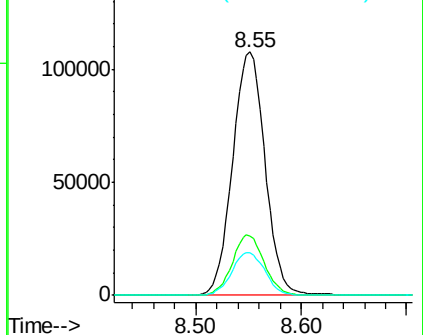
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062660.D
 Acq: 30 Jul 2020 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.4
88	17.4	0.0	33.8

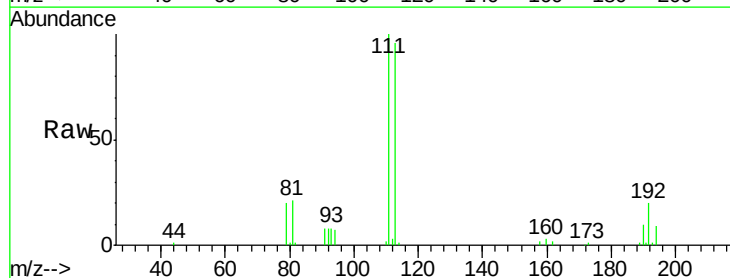


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

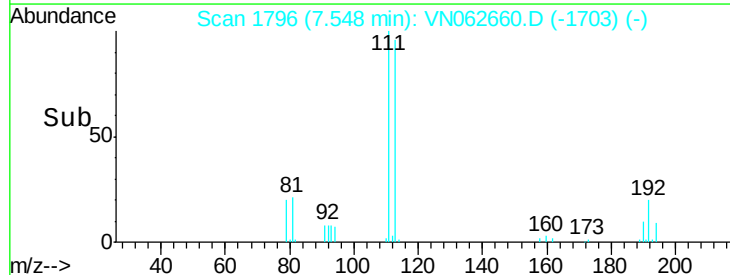
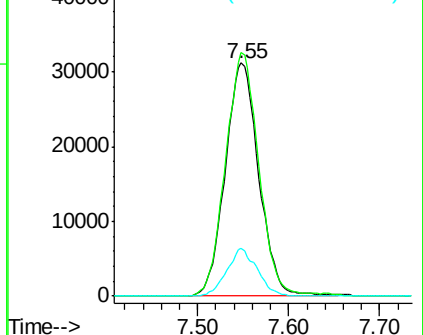


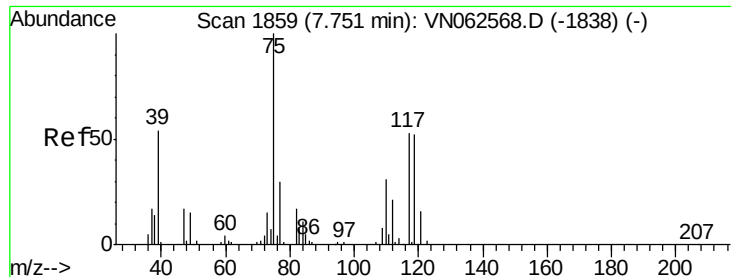
#35
 Dibromofluoromethane
 Concen: 52.730 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062660.D
 Acq: 30 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	18.4	14.8	22.2



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

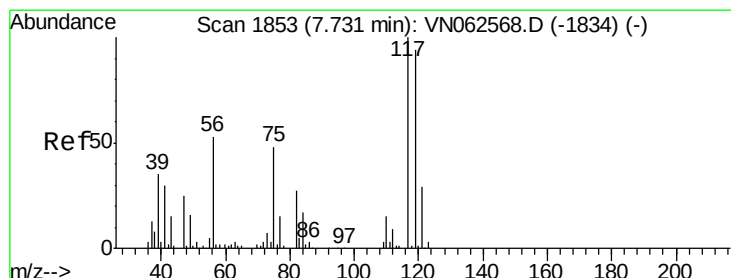
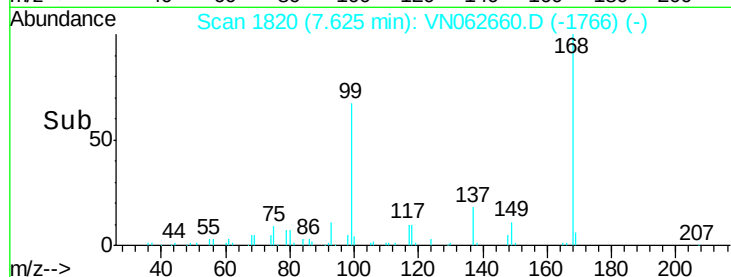
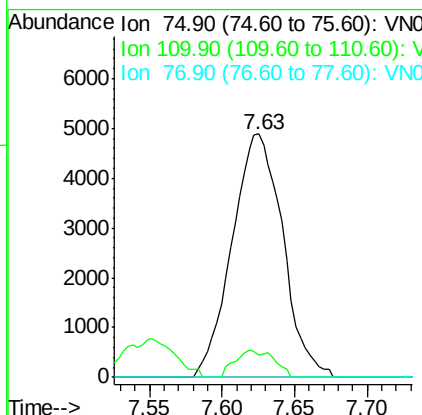
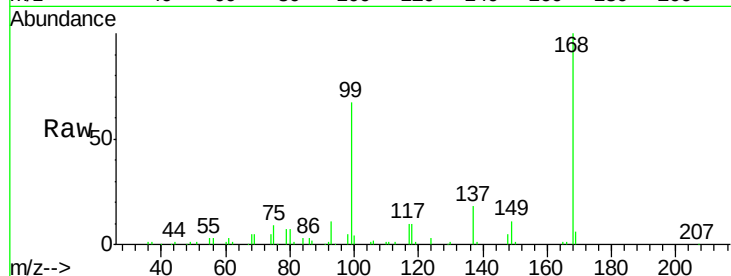




#36
 1,1-Dichloropropene
 Concen: 4.833 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062660.D
 Acq: 30 Jul 2020 10:22

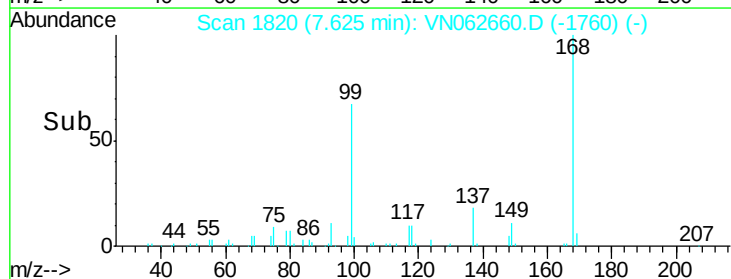
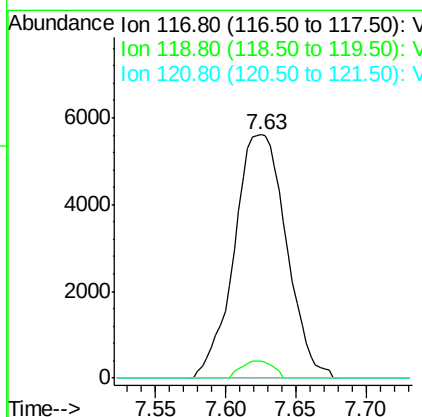
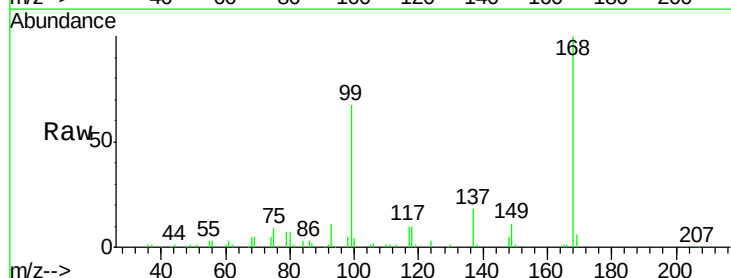
Instrument :
 MSVOA_N
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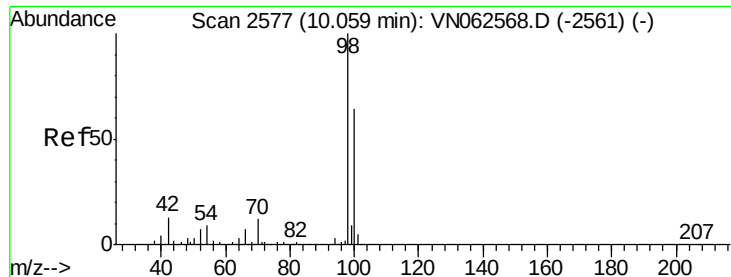
Tot Ion	75	Resp	11867
Ion Ratio	Lower	Upper	
75	100		
110	8.5	16.0	48.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.130 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062660.D
 Acq: 30 Jul 2020 10:22

Tgt Ion	117	Resp	14467
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	7.0	74.8	112.2#
121	0.0	23.0	34.6#

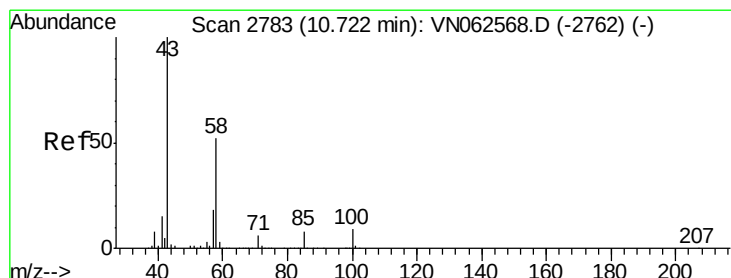
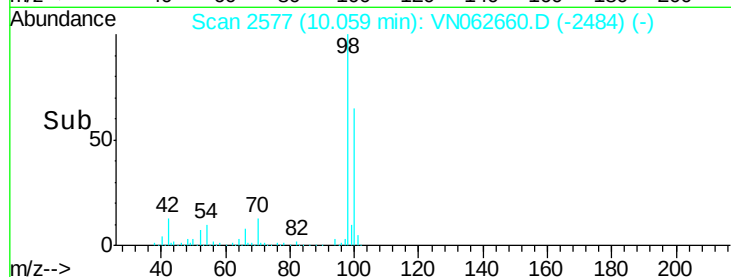
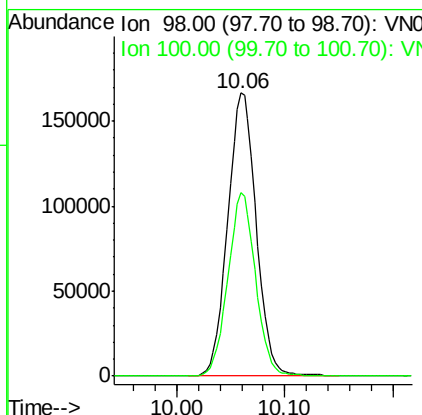
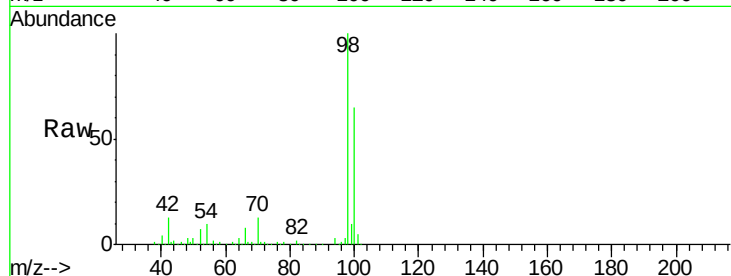




#50
Toluene-d8
Concen: 50.836 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

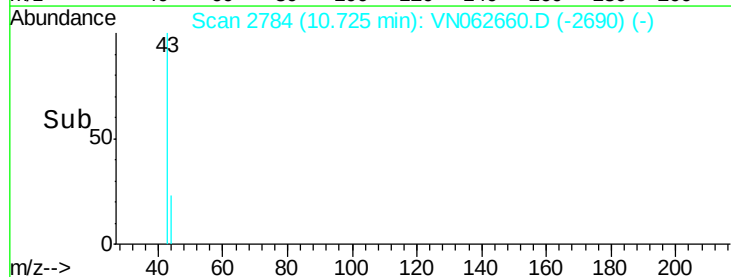
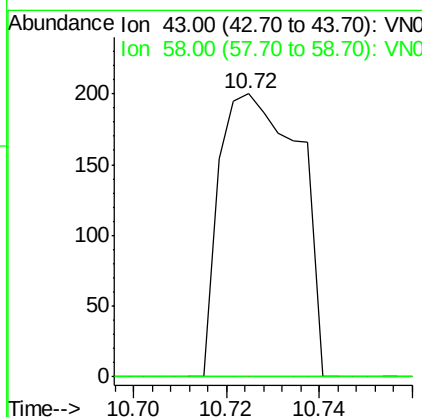
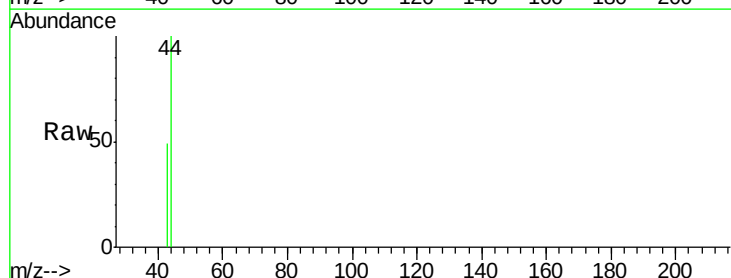
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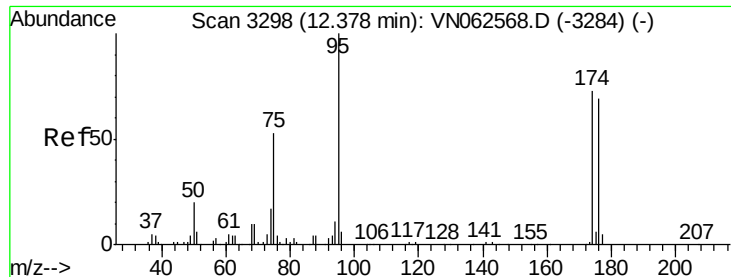
Tot Ion: 98 Resp: 306911
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#59
2-Hexanone
Concen: 3.079 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
58 0.0 26.0 78.0#

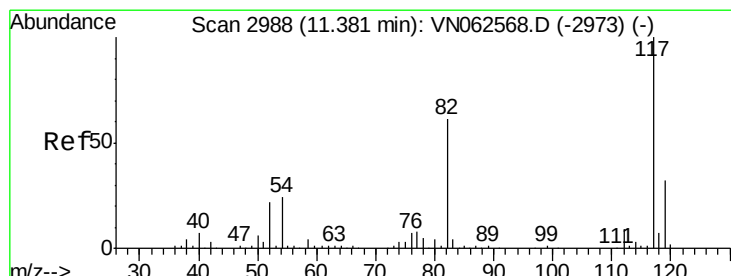
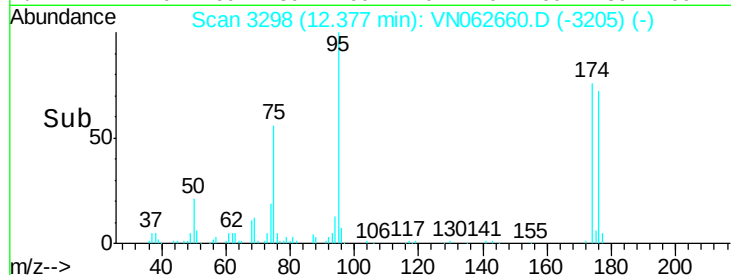
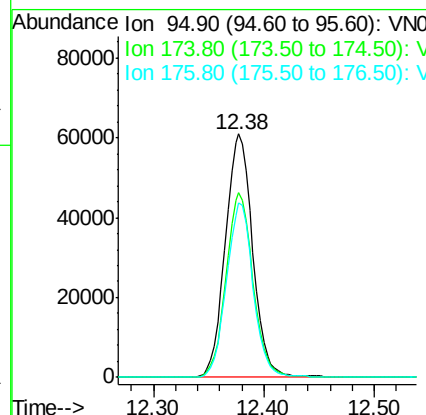
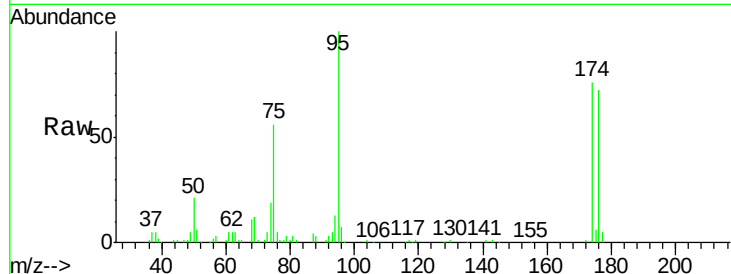




#62
4-Bromofluorobenzene
Concen: 47.559 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

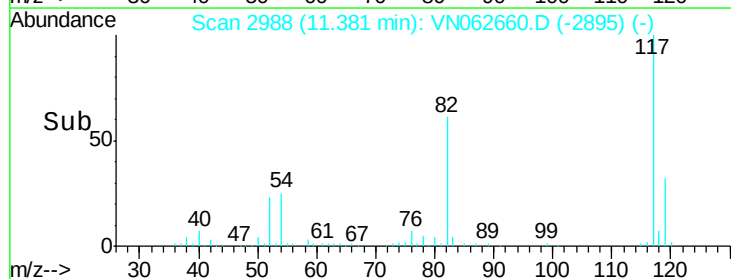
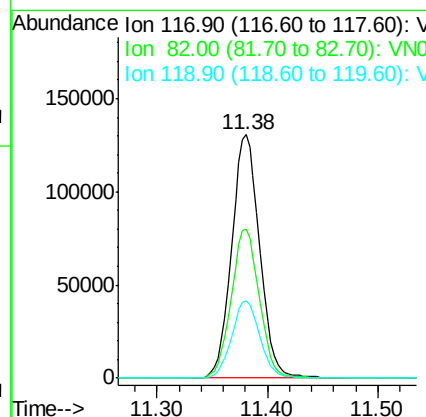
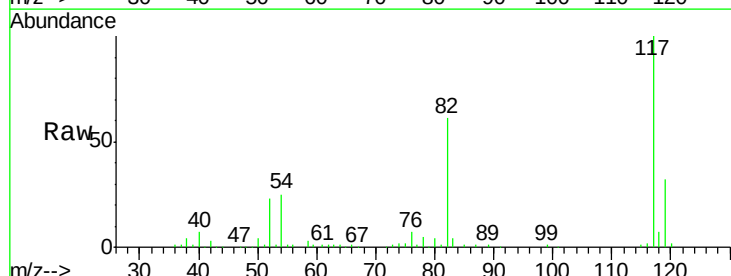
Instrument :
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ClientSampleId :
VN0730WBL01

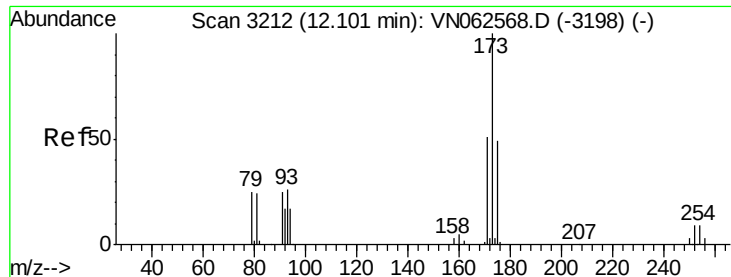
Tot Ion: 95 Resp: 104986
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.6
176 69.8 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062660.D
Acq: 30 Jul 2020 10:22

Tgt Ion: 117 Resp: 229286
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 31.9 25.4 38.2





#71

Bromoform

Concen: 0.214 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062660.D

Acq: 30 Jul 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBL01

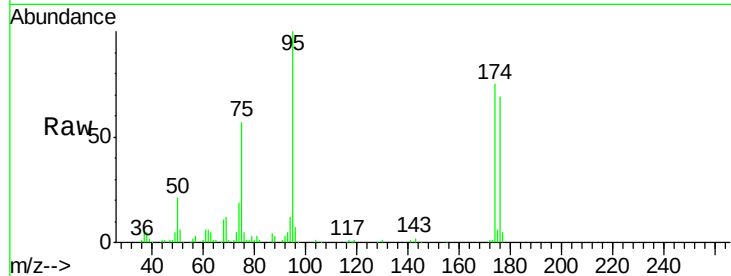
Tot Ion:173 Resp: 290

Ion Ratio Lower Upper

173 100

175 1644.8 24.1 72.2#

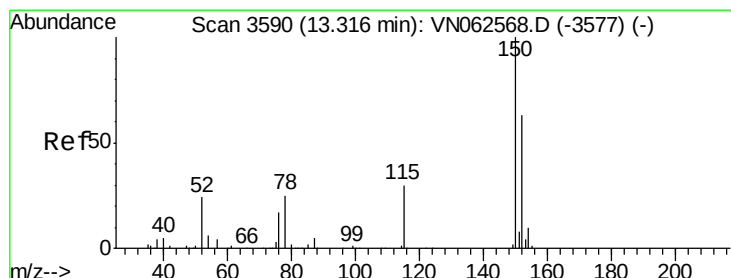
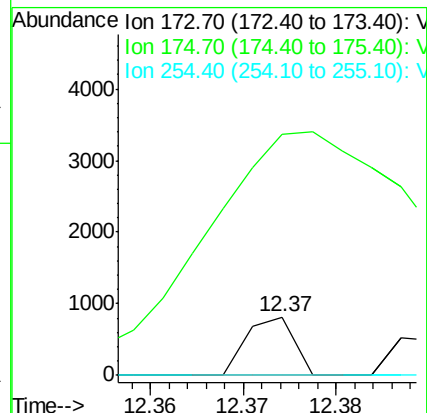
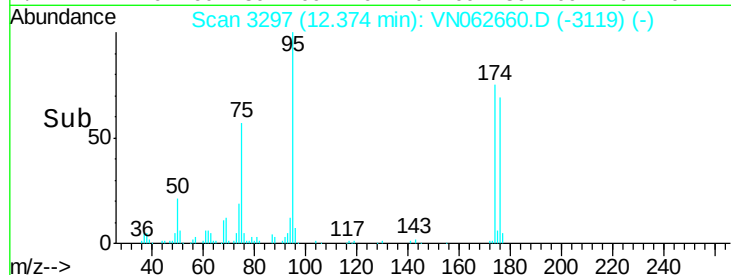
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN062660.D

Acq: 30 Jul 2020 10:22

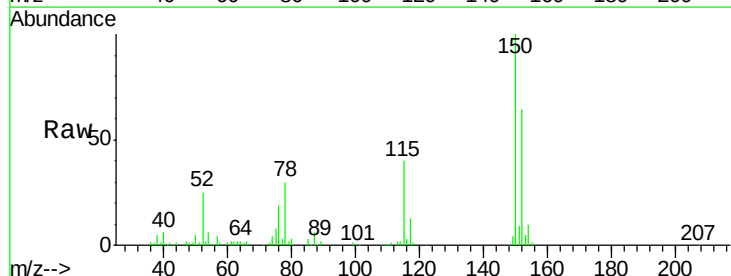
Tgt Ion:152 Resp: 77840

Ion Ratio Lower Upper

152 100

115 63.4 31.8 95.4

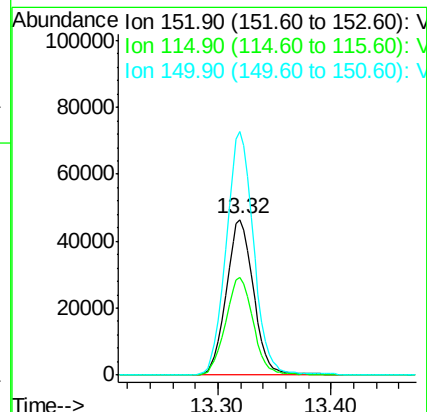
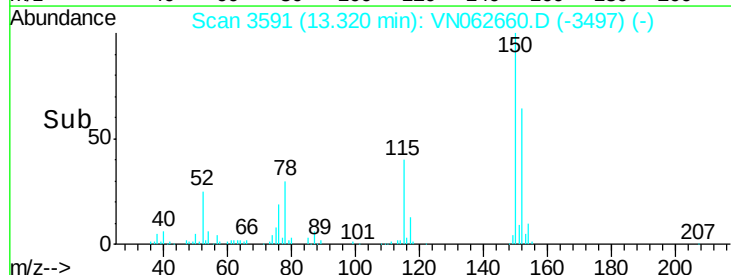
150 157.8 0.0 351.4

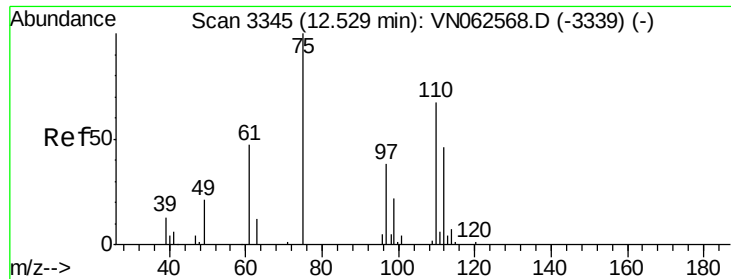


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

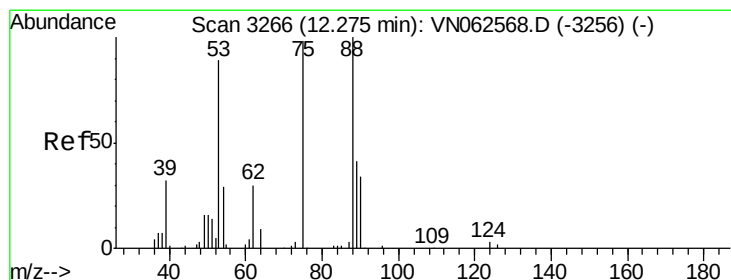
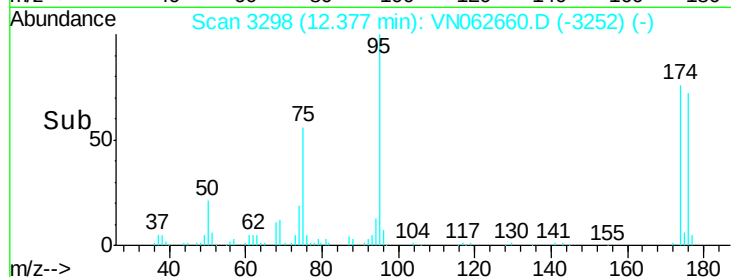
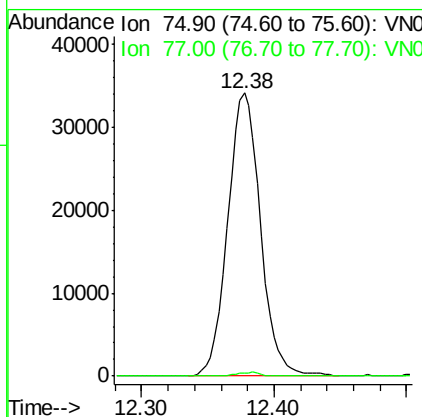
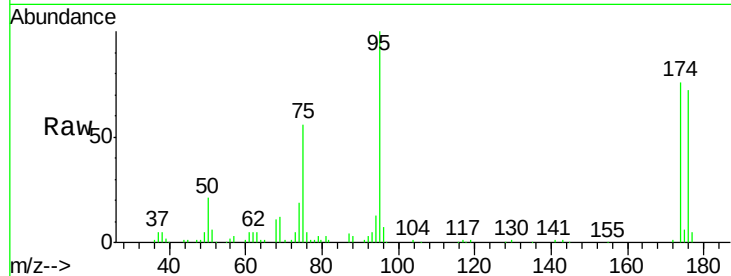




#76
 1,2,3-Trichloropropane
 Concen: 29.523 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062660.D
 Acq: 30 Jul 2020 10:22

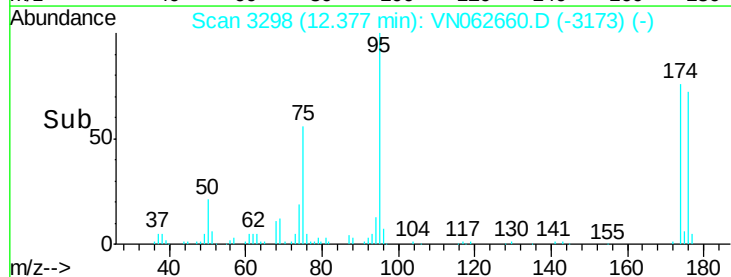
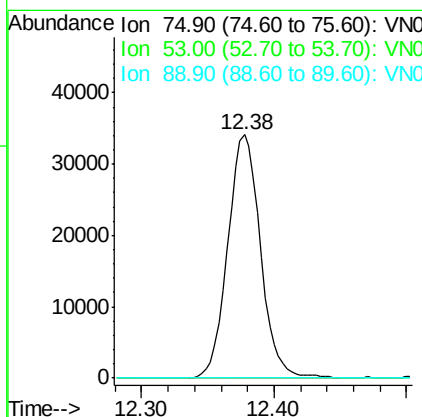
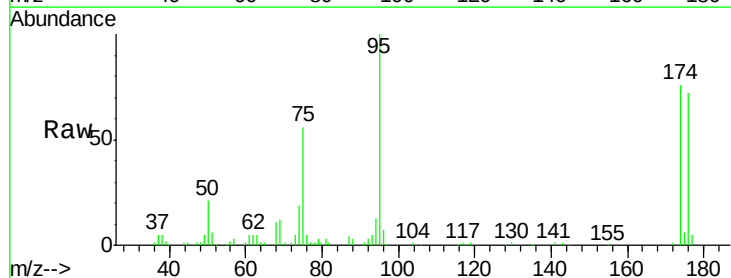
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBL01

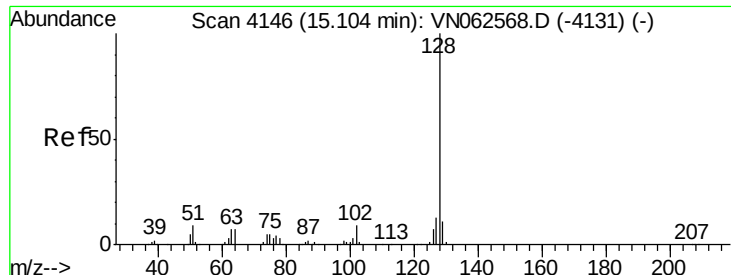
Tot Ion: 75 Resp: 58494
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.185 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062660.D
 Acq: 30 Jul 2020 10:22

Tgt Ion: 75 Resp: 58494
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 3.996 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN062660.D

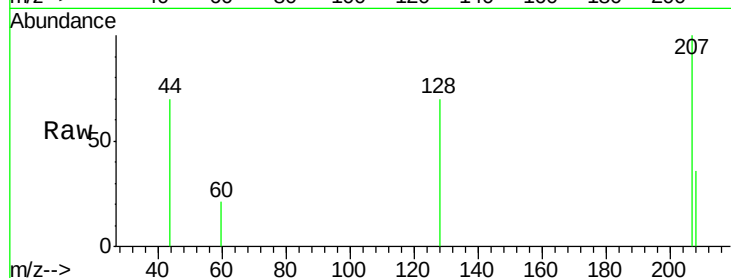
Acq: 30 Jul 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBL01



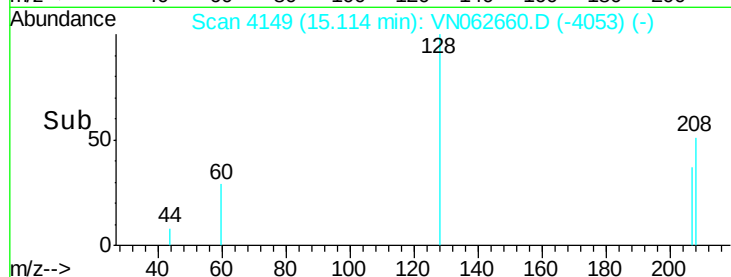
Tot Ion:128 Resp: 877

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

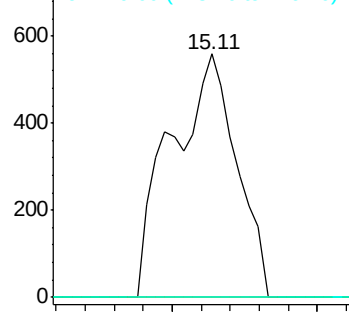
129 0.0 8.7 13.1#



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



Time-->