

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074108.D
 Acq On : 25 Aug 2022 12:28
 Operator : JC\MD
 Sample : VN0825WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

Quant Time: Aug 26 01:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

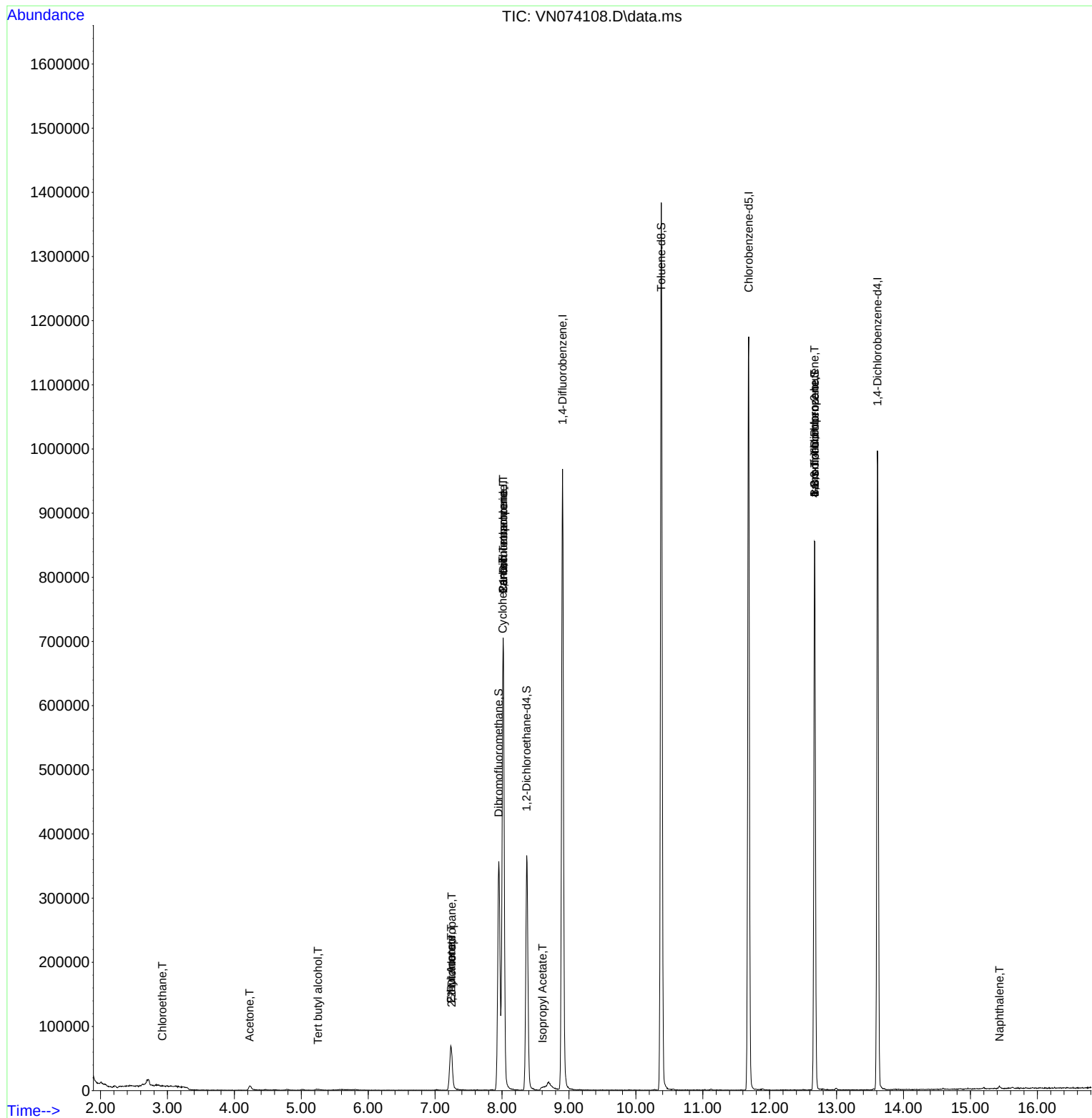
Internal Standards						
1) Pentafluorobenzene	8.016	168	588216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	886983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	729176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	297106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	303137	52.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.820%			
35) Dibromofluoromethane	7.951	113	266052	50.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	10.381	98	983666	48.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.840%			
62) 4-Bromofluorobenzene	12.674	95	291409	43.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.440%			
Target Compounds						Qvalue
6) Chloroethane	2.922	64	1019	0.217	ug/l #	42
11) Tert butyl alcohol	5.251	59	396	0.309	ug/l #	72
16) Acetone	4.228	43	12758	4.720	ug/l	95
18) Methyl Acetate	4.787	43	3047	Below Cal	#	73
25) 2-Butanone	7.240	43	3585	0.836	ug/l #	65
26) 2,2-Dichloropropane	7.245	77	5184	0.608	ug/l #	53
31) Cyclohexane	8.010	56	9460	1.184	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	39838	5.468	ug/l #	48
37) Ethyl Acetate	7.240	43	3585	0.406	ug/l #	1
38) Carbon Tetrachloride	8.016	117	52635	6.320	ug/l #	17
43) Isopropyl Acetate	8.604	43	3794	0.302	ug/l #	53
71) Bromoform	12.669	173	1415	0.270	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	141682	22.943	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	141682	65.255	ug/l #	11
95) Naphthalene	15.433	128	4251	0.204	ug/l	99

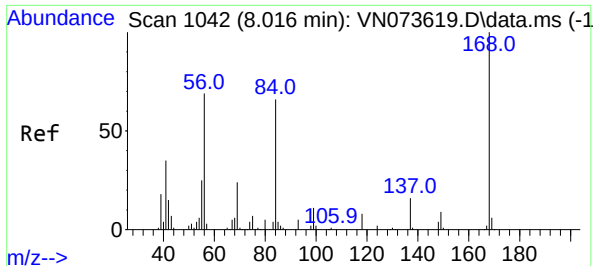
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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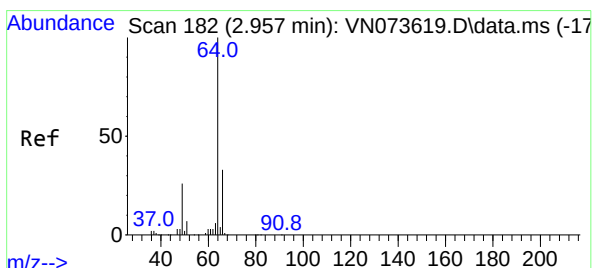
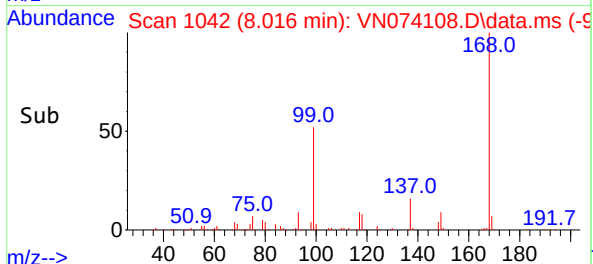
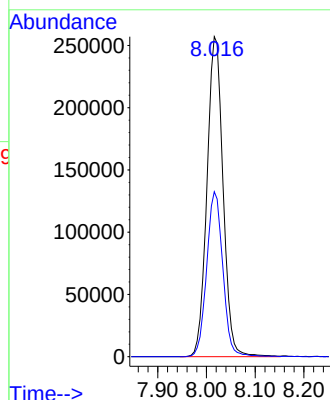
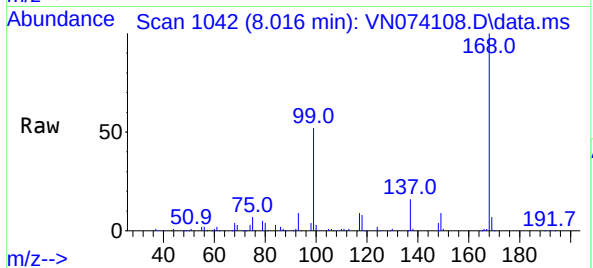




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

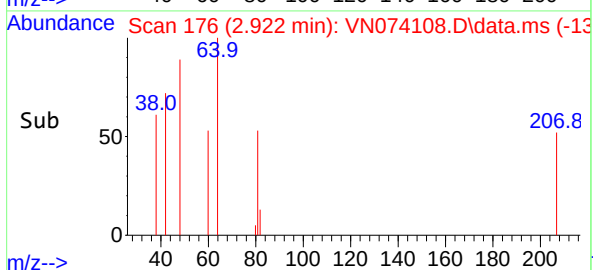
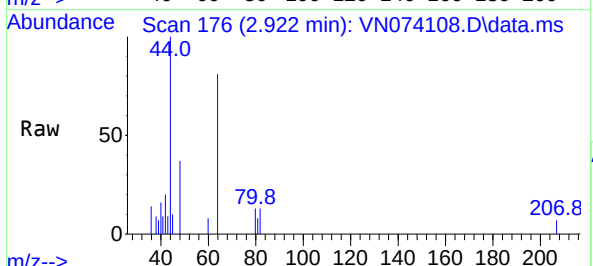
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

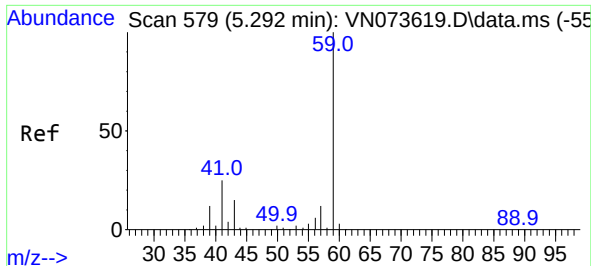
Tgt Ion:168 Resp: 588216
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#6
Chloroethane
Concen: 0.217 ug/l
RT: 2.922 min Scan# 176
Delta R.T. -0.035 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 64 Resp: 1019
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 0.309 ug/l

RT: 5.251 min Scan# 5

Delta R.T. -0.041 min

Lab File: VN074108.D

Acq: 25 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

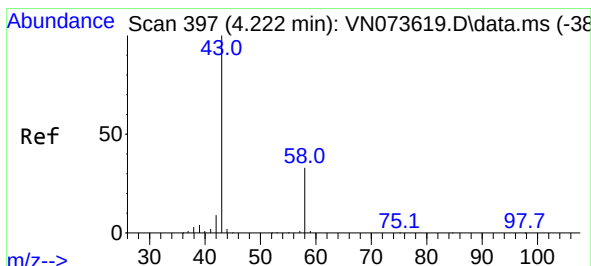
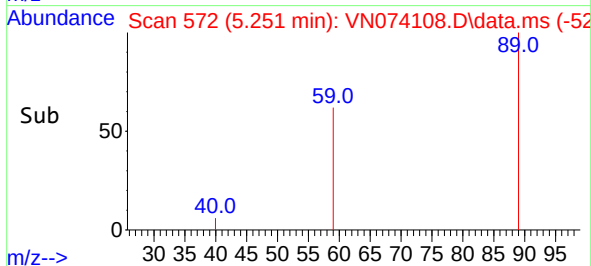
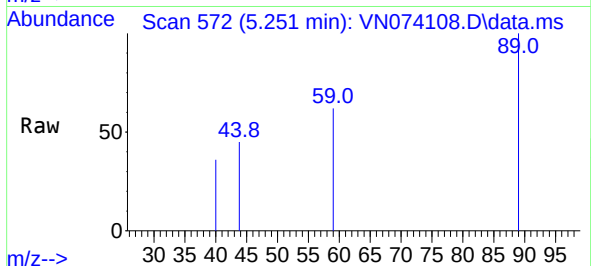
VN0825WBL01

Tgt Ion: 59 Resp: 396

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 4.720 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.006 min

Lab File: VN074108.D

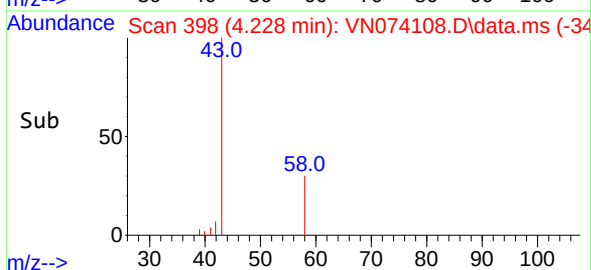
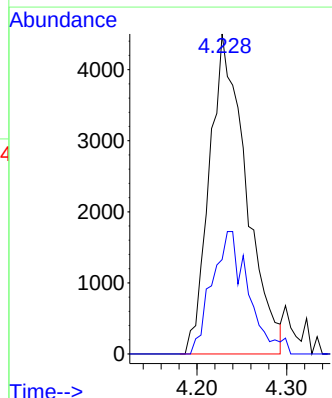
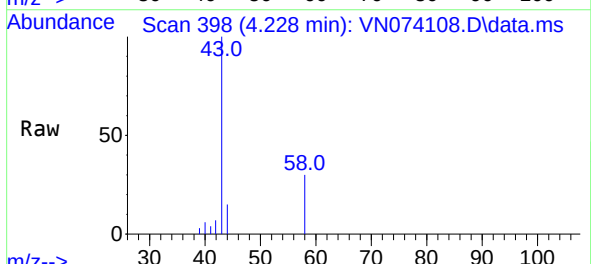
Acq: 25 Aug 2022 12:28

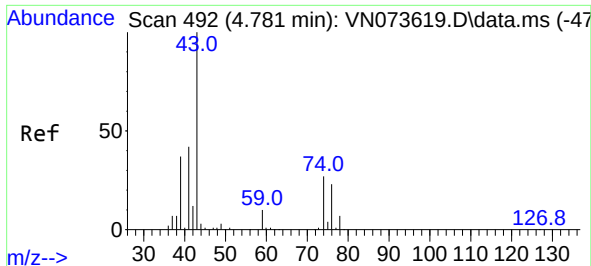
Tgt Ion: 43 Resp: 12758

Ion Ratio Lower Upper

43 100

58 29.5 26.0 39.0

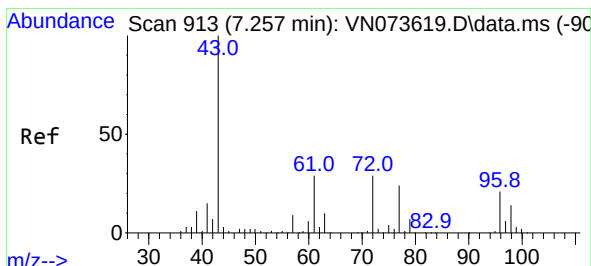
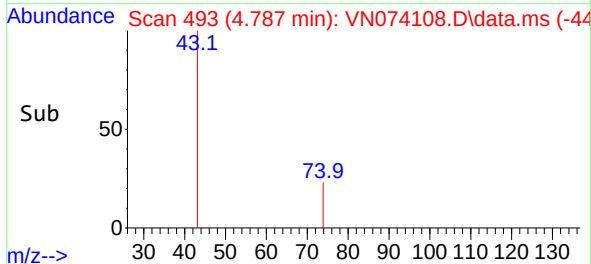
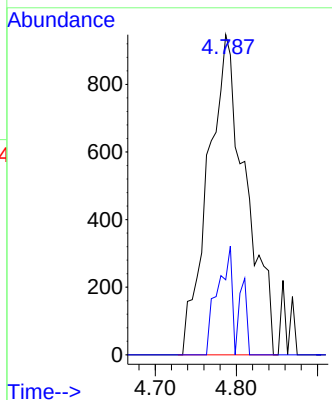
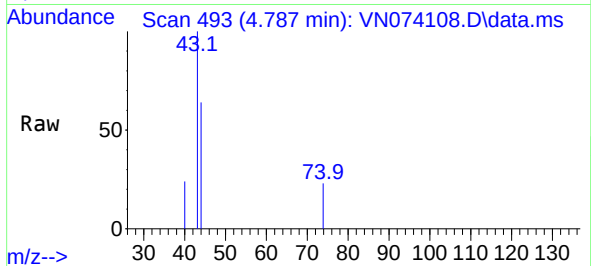




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

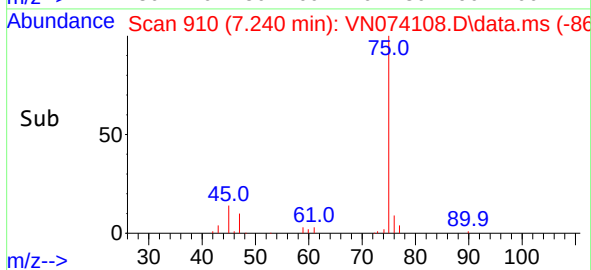
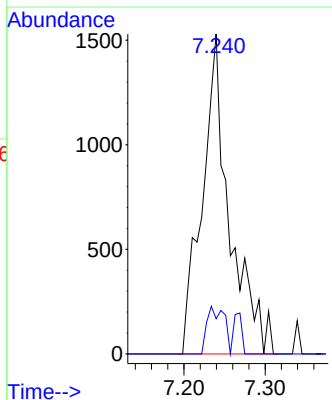
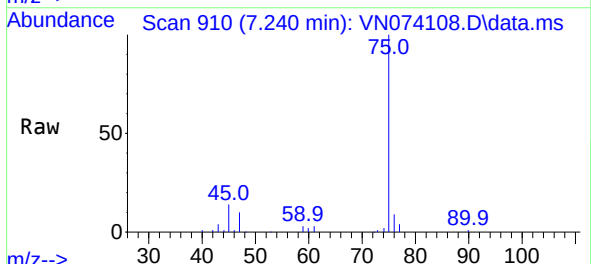
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

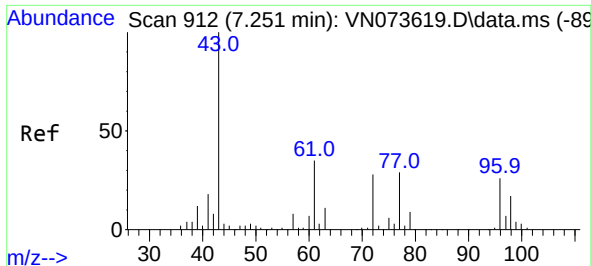
Tgt Ion: 43 Resp: 3047
Ion Ratio Lower Upper
43 100
74 12.9 21.6 32.4#



#25
2-Butanone
Concen: 0.836 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.017 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 43 Resp: 3585
Ion Ratio Lower Upper
43 100
72 11.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.608 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074108.D

Acq: 25 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

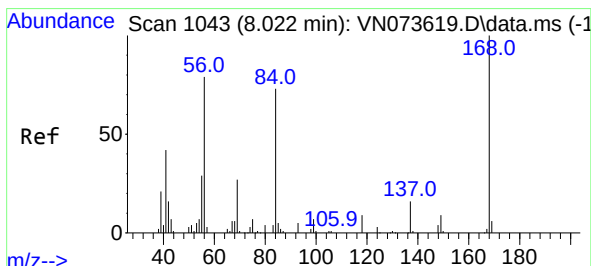
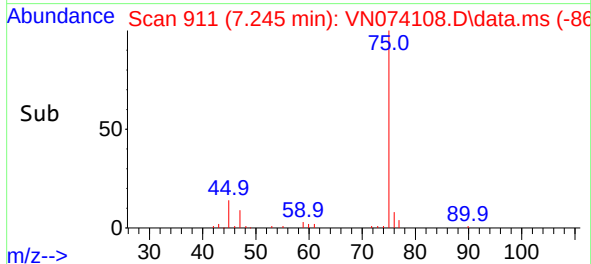
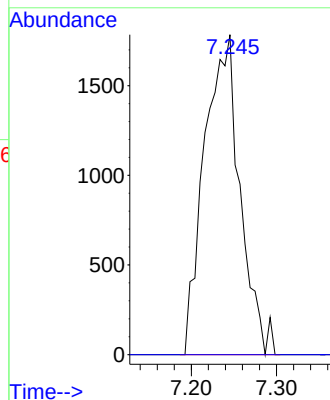
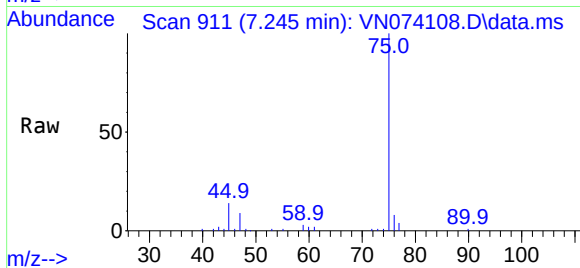
VN0825WBL01

Tgt Ion: 77 Resp: 5184

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074108.D

Acq: 25 Aug 2022 12:28

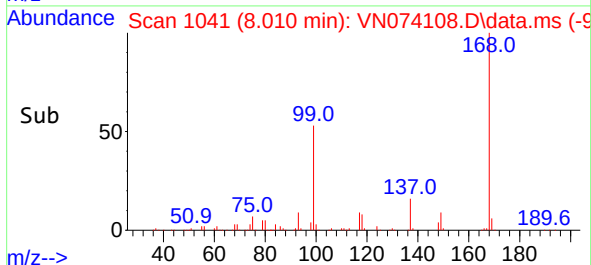
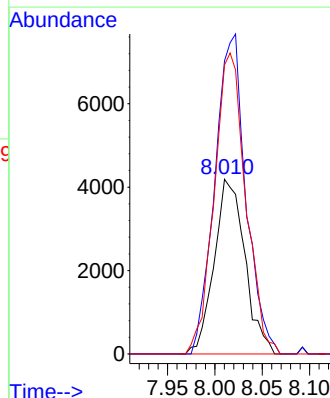
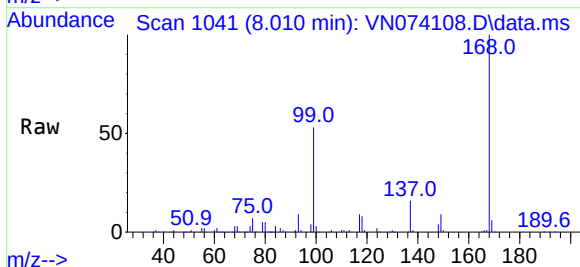
Tgt Ion: 56 Resp: 9460

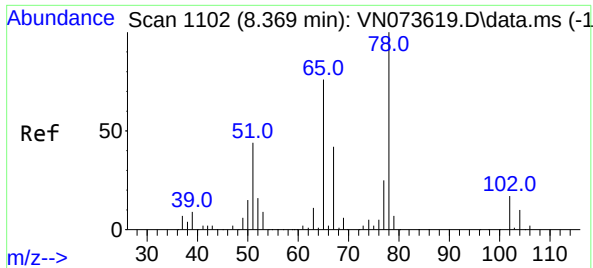
Ion Ratio Lower Upper

56 100

69 167.8 27.8 41.8#

84 165.3 76.9 115.3#

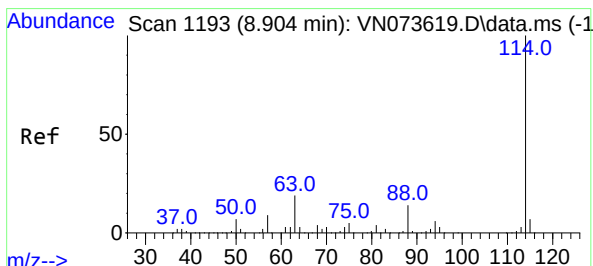
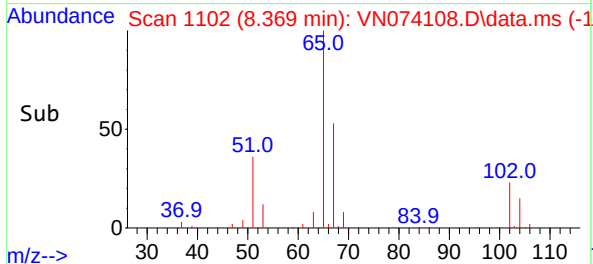
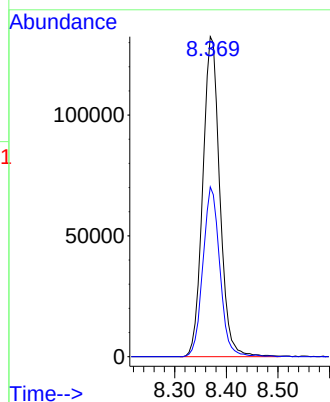
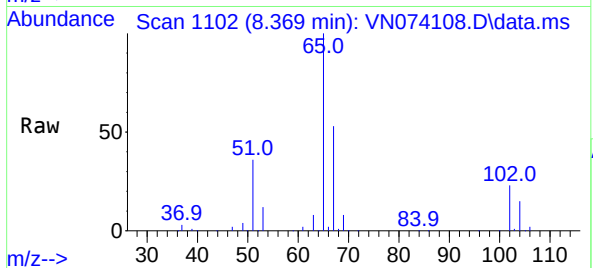




#33
1,2-Dichloroethane-d4
Concen: 52.911 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

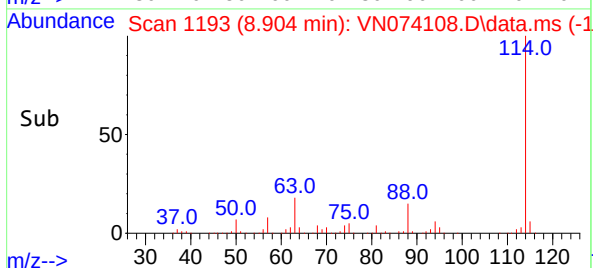
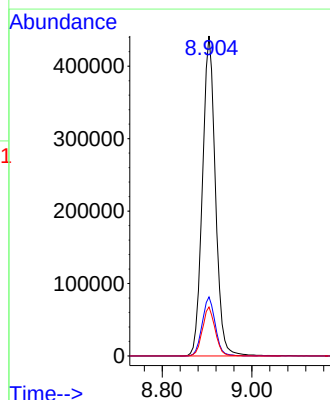
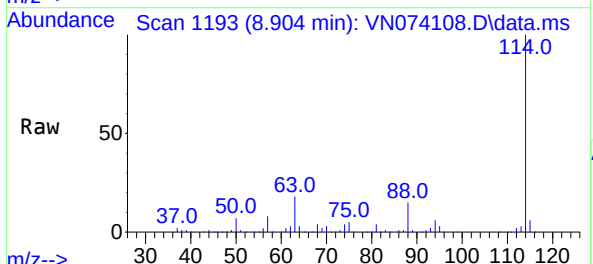
Instrument :
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ClientSampleId :
VN0825WBL01

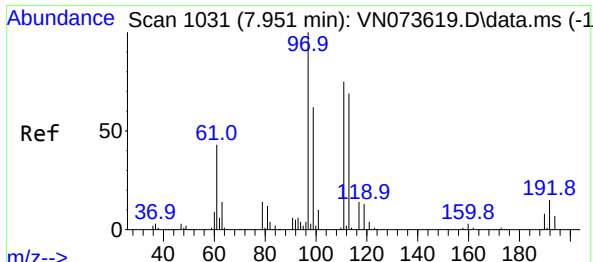
Tgt Ion: 65 Resp: 303137
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 114 Resp: 886983
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.3 0.0 32.6

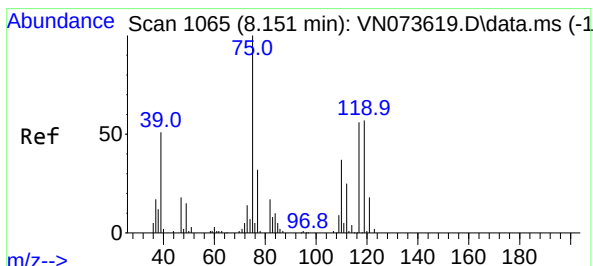
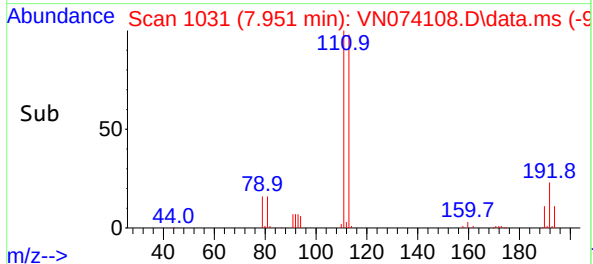
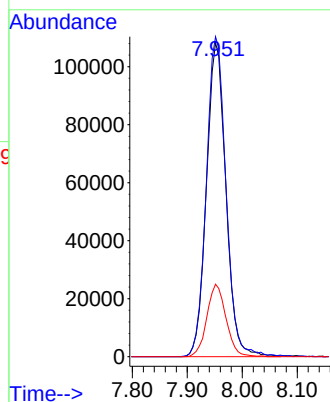
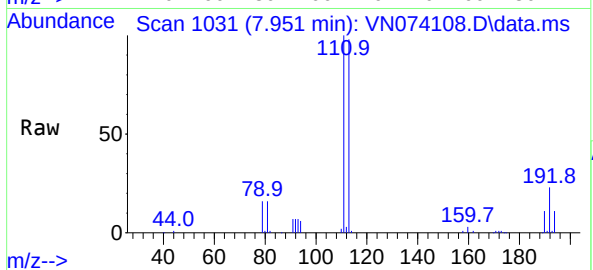




#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

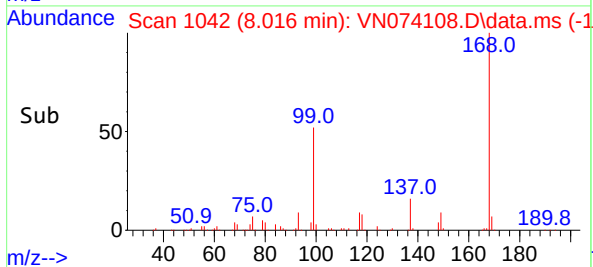
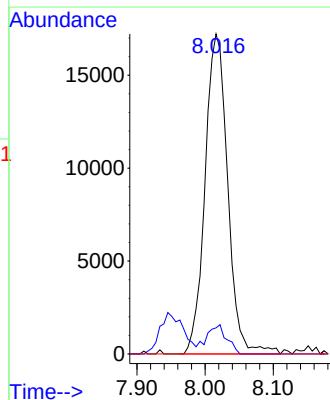
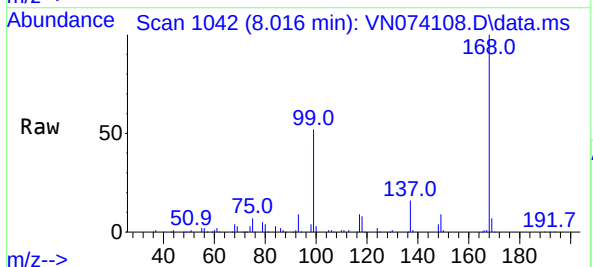
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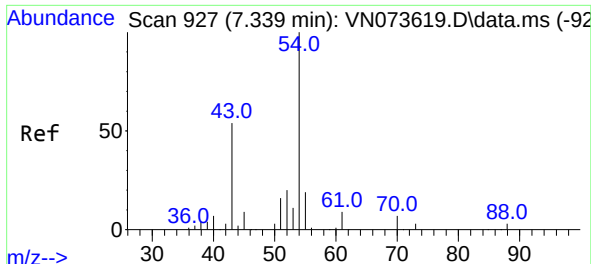
Tgt Ion:113 Resp: 266052
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 22.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 75 Resp: 39838
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#

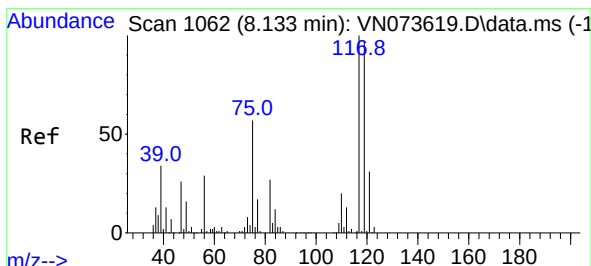
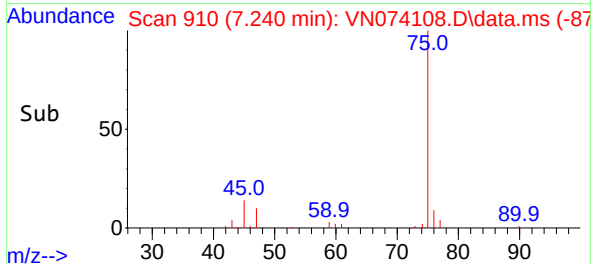
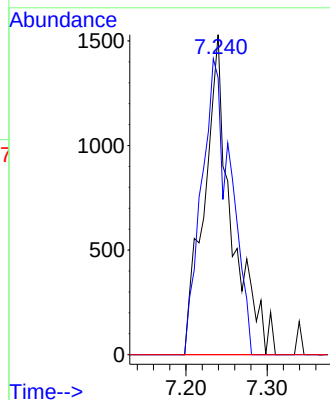
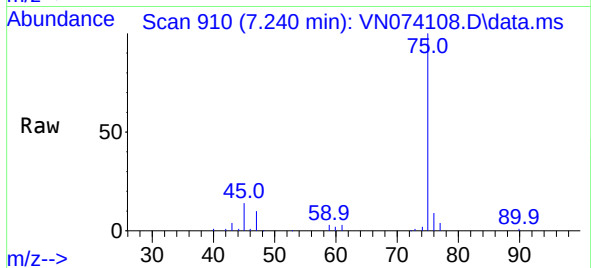




#37
Ethyl Acetate
Concen: 0.406 ug/l
RT: 7.240 min Scan# 91
Delta R.T. -0.099 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

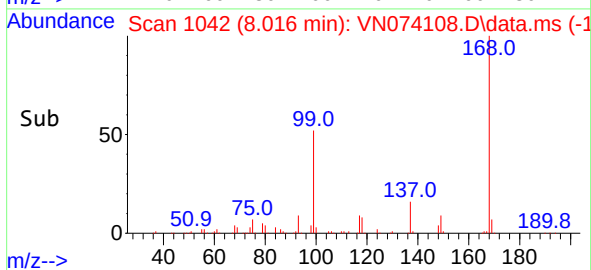
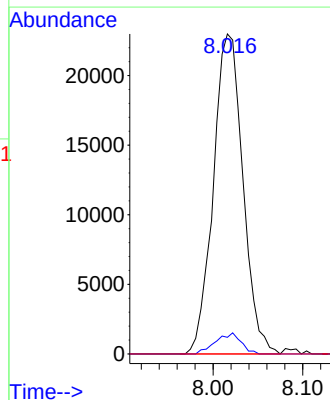
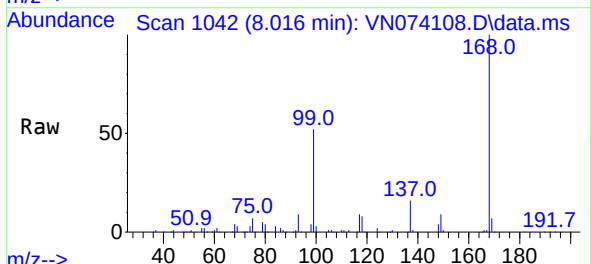
Instrument :
MSVOA_N
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VN0825WBL01

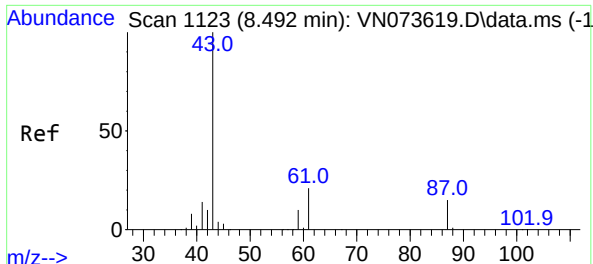
Tgt Ion: 43 Resp: 3585
Ion Ratio Lower Upper
43 100
61 98.8 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.320 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 117 Resp: 52635
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#

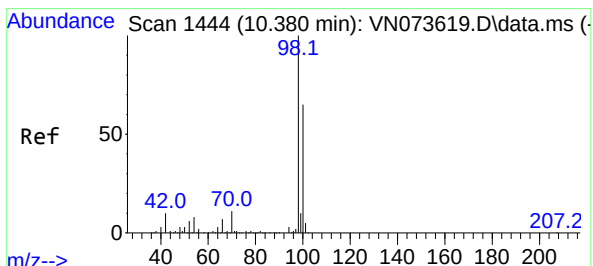
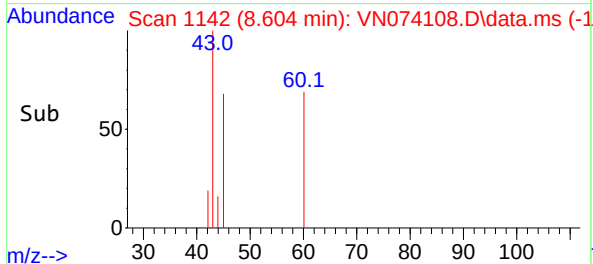
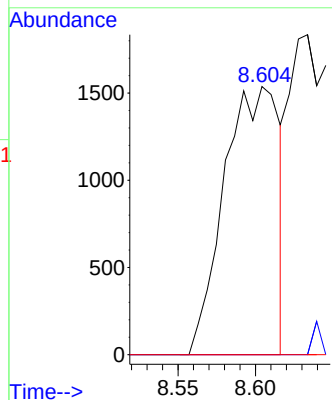
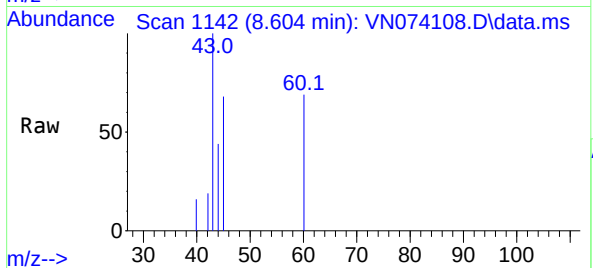




#43
Isopropyl Acetate
Concen: 0.302 ug/l
RT: 8.604 min Scan# 1123
Delta R.T. 0.112 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

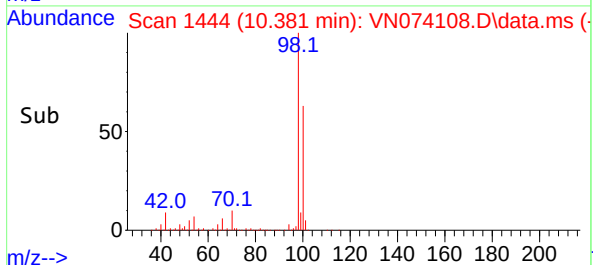
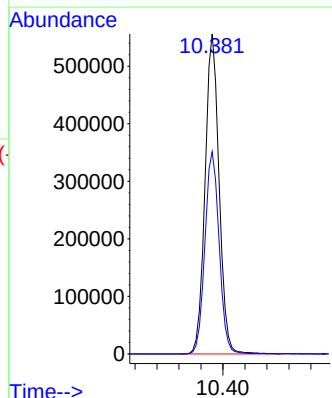
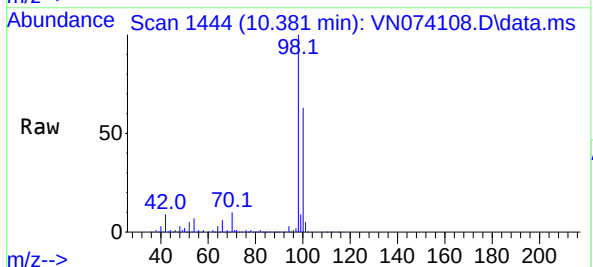
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

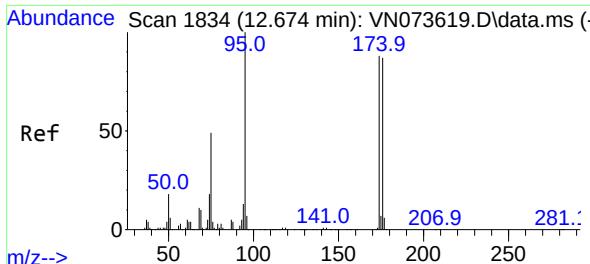
Tgt Ion: 43 Resp: 3794
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

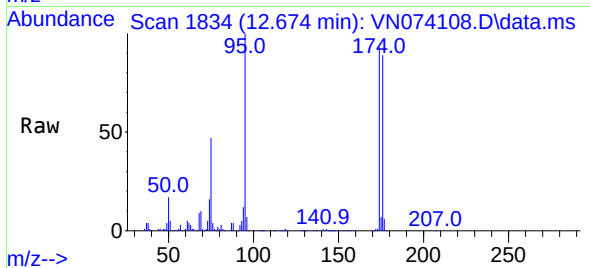
Tgt Ion: 98 Resp: 983666
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



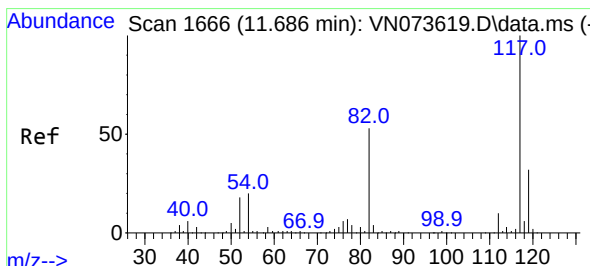
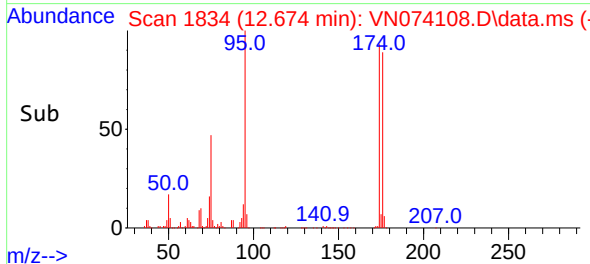
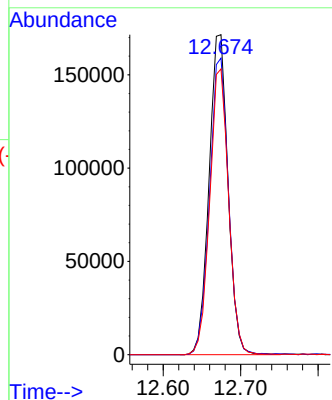


#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

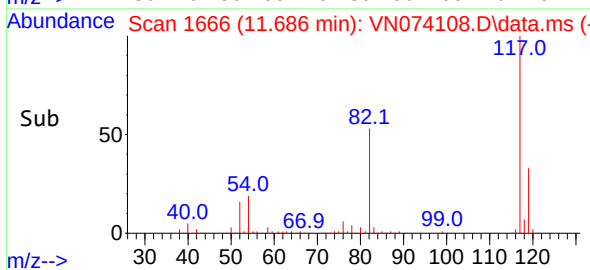
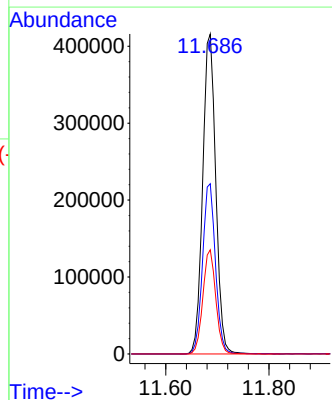
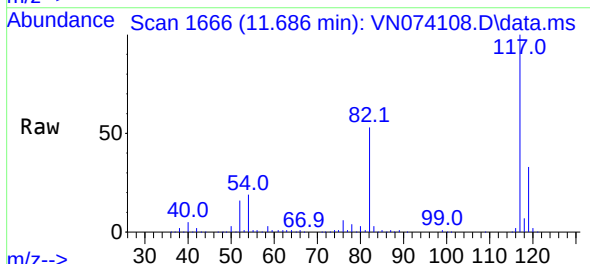


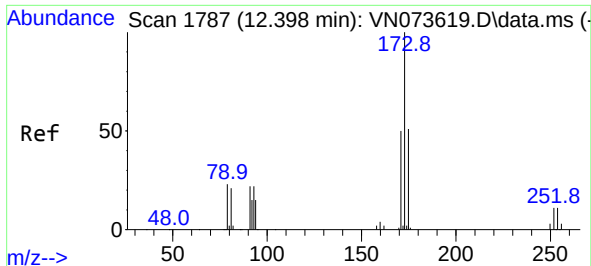
Tgt Ion: 95 Resp: 291409
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 88.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion: 117 Resp: 729176
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.5 25.4 38.0

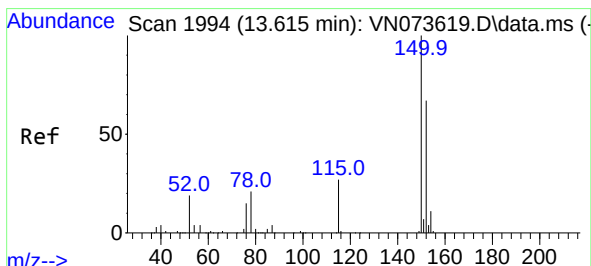
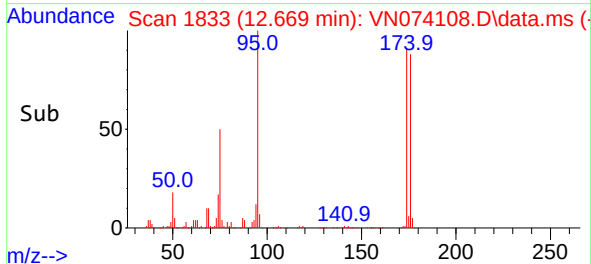
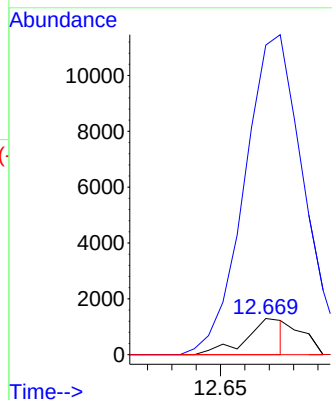
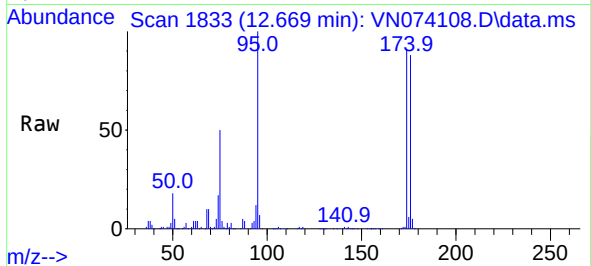




#71
Bromoform
Concen: 0.270 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

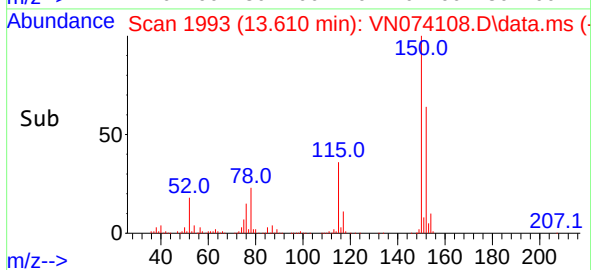
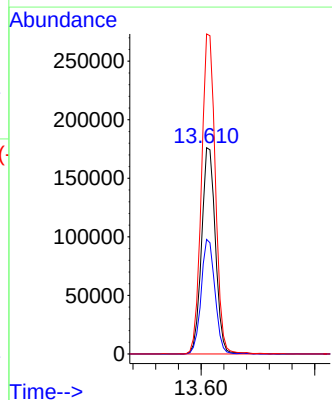
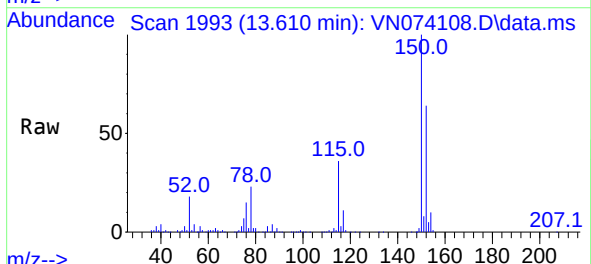
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

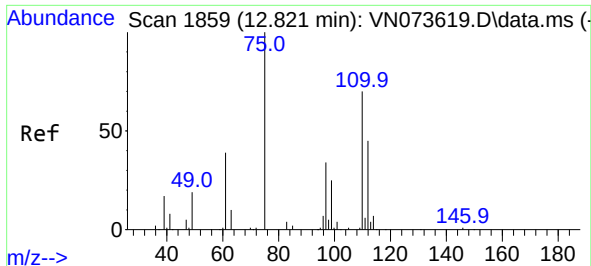
Tgt Ion:173 Resp: 1415
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.005 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Tgt Ion:152 Resp: 297106
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 156.1 0.0 356.2

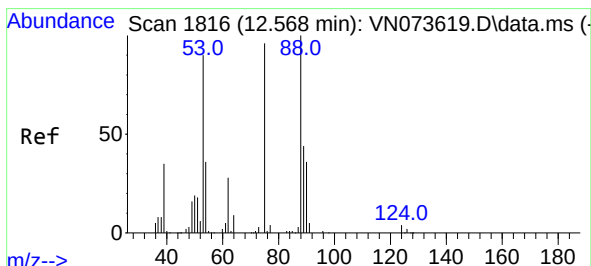
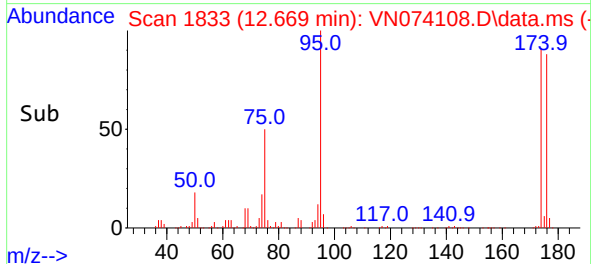
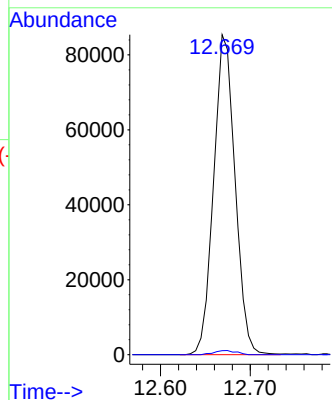
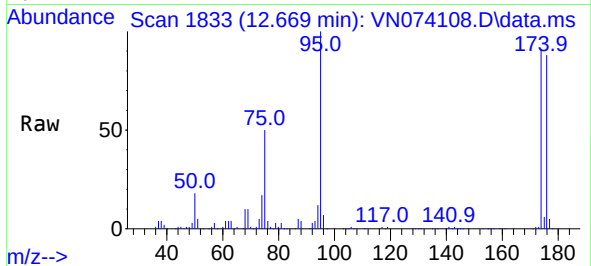




#76
1,2,3-Trichloropropane
Concen: 22.943 ug/l
RT: 12.669 min Scan# 1859
Delta R.T. -0.152 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

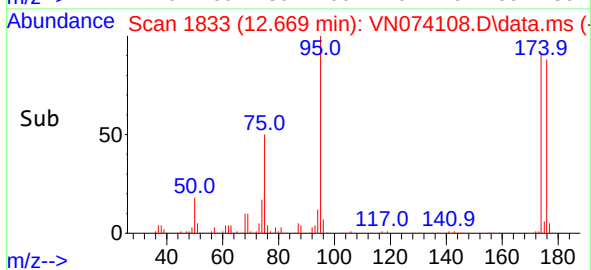
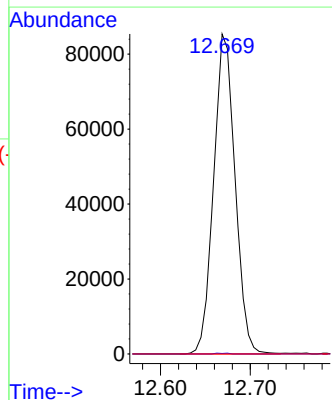
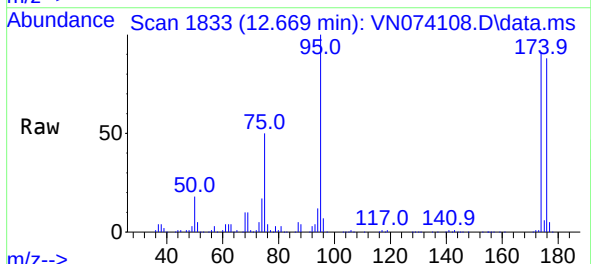
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

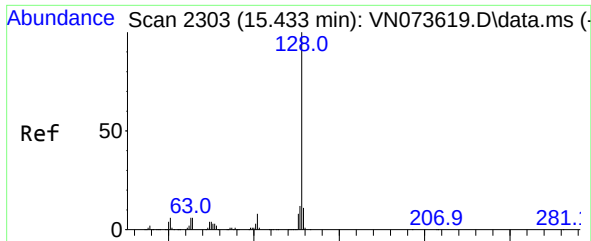
Tgt Ion: 75 Resp: 141682
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.255 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

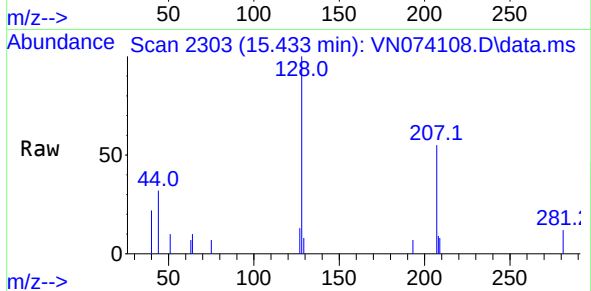
Tgt Ion: 75 Resp: 141682
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.204 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074108.D
Acq: 25 Aug 2022 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01



Tgt Ion:	128	Resp:	4251
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.2	8.6	13.0

