

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069931.D
 Acq On : 10 Dec 2021 00:24
 Operator : JC/MD
 Sample : VN1209WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL02

Quant Time: Dec 10 06:26:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

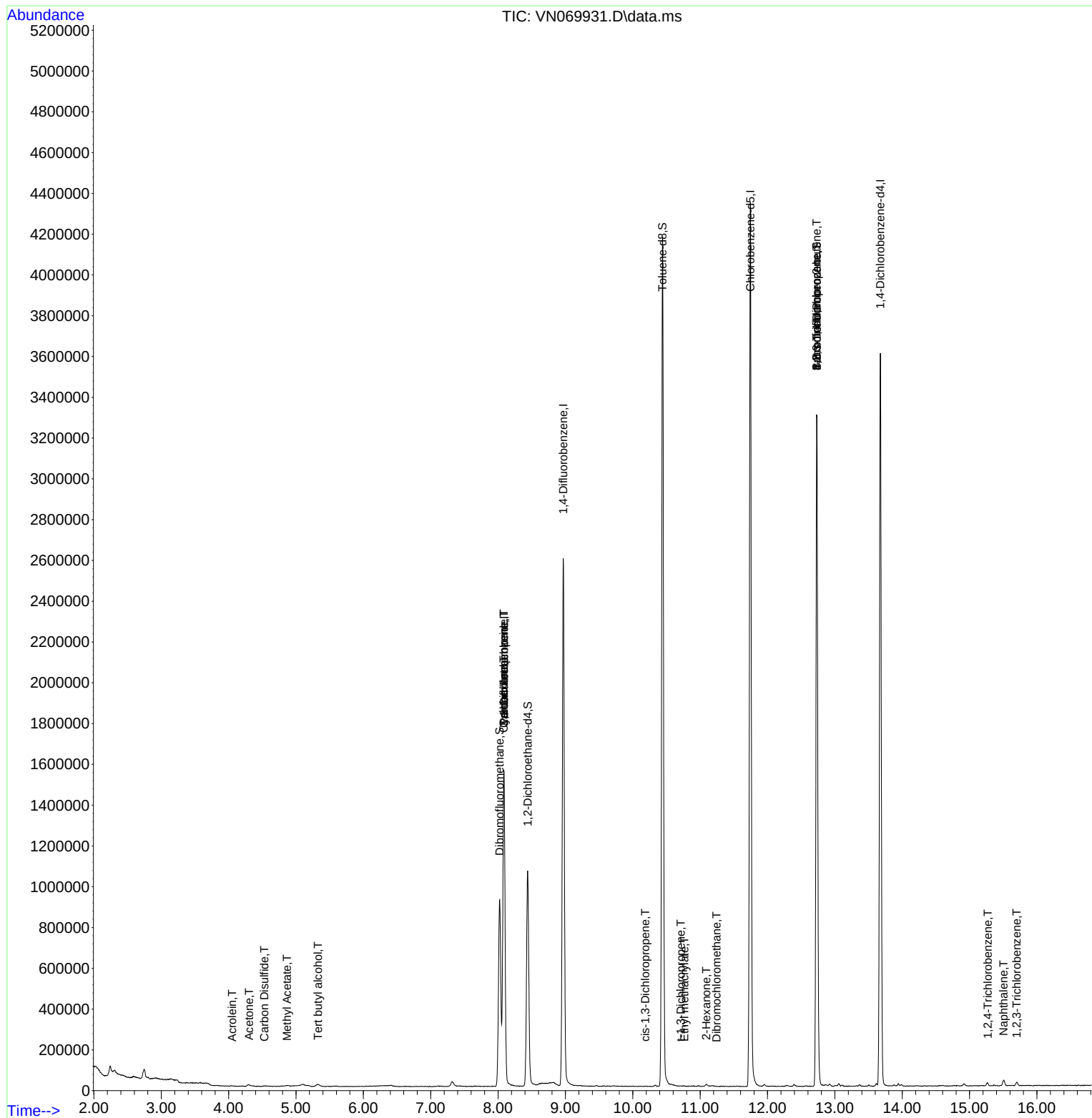
Internal Standards						
1) Pentafluorobenzene	8.086	168	1149560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2162646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2413434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	959968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	918460	51.747	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.500%	
35) Dibromofluoromethane	8.024	113	675650	49.877	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.760%	
50) Toluene-d8	10.440	98	2833284	52.089	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	12.731	95	1146218	58.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 116.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.329	59	10012	2.984	ug/l #	71
13) Acrolein	4.052	56	1332	0.466	ug/l #	41
16) Acetone	4.301	43	5926	0.555	ug/l #	84
17) Carbon Disulfide	4.529	76	5803	0.205	ug/l #	83
18) Methyl Acetate	4.867	43	8363	0.259	ug/l #	73
31) Cyclohexane	8.083	56	30484	1.234	ug/l #	36
36) 1,1-Dichloropropene	8.086	75	98753	4.797	ug/l #	49
38) Carbon Tetrachloride	8.088	117	117575	5.824	ug/l #	16
53) t-1,3-Dichloropropene	10.711	75	338	2.807	ug/l #	43
54) cis-1,3-Dichloropropene	10.186	75	323	2.010	ug/l #	47
56) Ethyl methacrylate	10.768	69	793	2.305	ug/l	95
59) 2-Hexanone	11.092	43	9645	0.433	ug/l	81
60) Dibromochloromethane	11.242	129	55	2.379	ug/l #	11
71) Bromoform	12.731	173	1188	2.807	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	646616	23.488	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	646616	74.691	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.271	180	5133	3.185	ug/l	93
95) Naphthalene	15.504	128	26398	4.503	ug/l	97
96) 1,2,3-Trichlorobenzene	15.700	180	6275	2.824	ug/l	96

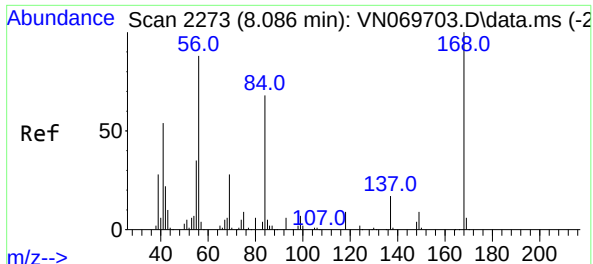
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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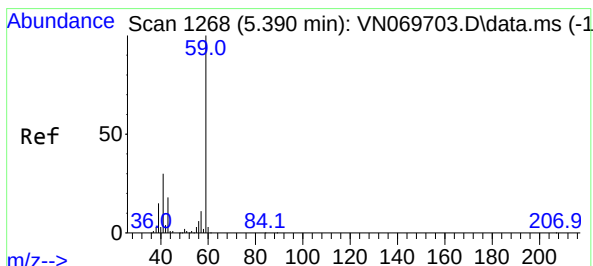
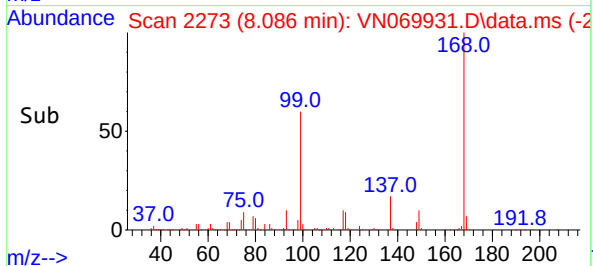
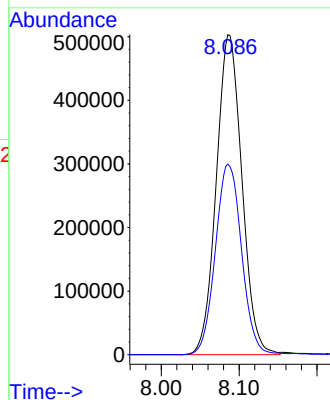
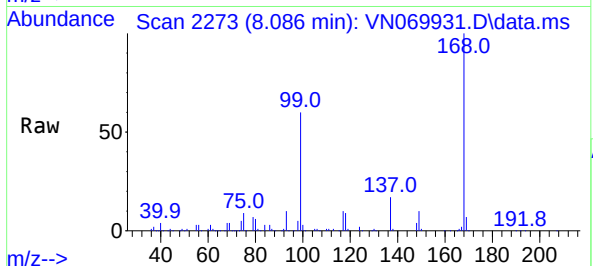




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

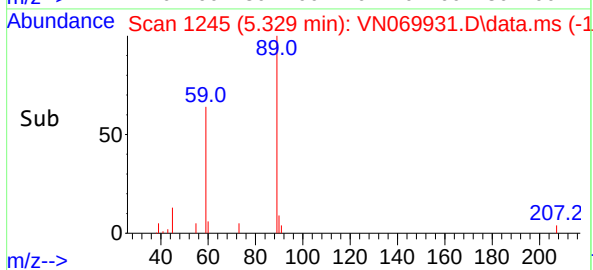
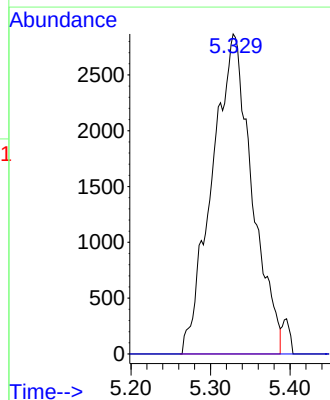
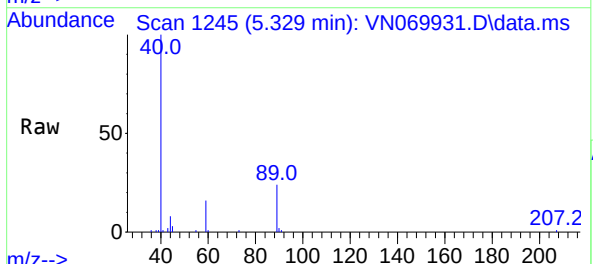
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

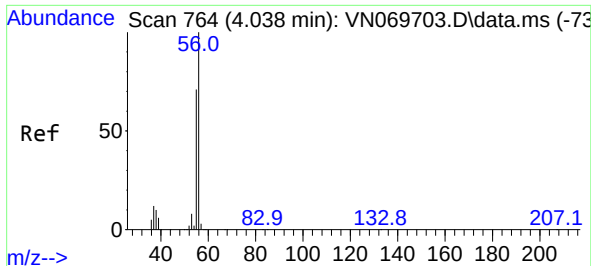
Tgt Ion:168 Resp: 1149560
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.984 ug/l
RT: 5.329 min Scan# 1245
Delta R.T. -0.062 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 59 Resp: 10012
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

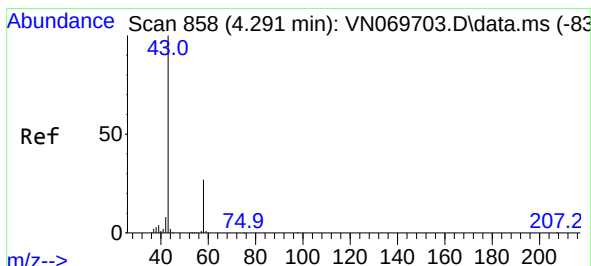
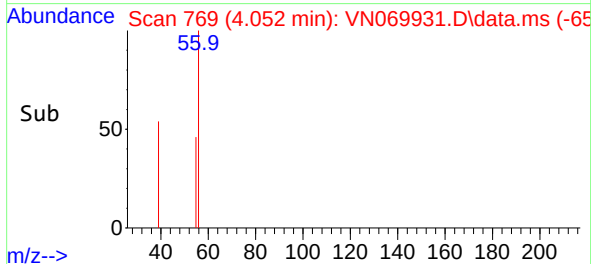
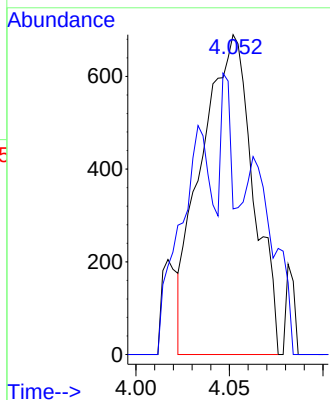
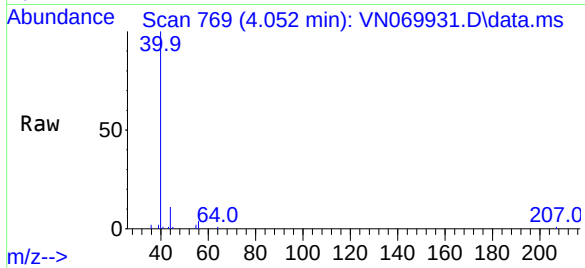




#13
Acrolein
Concen: 0.466 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.014 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

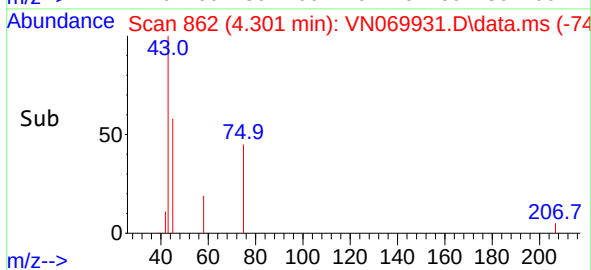
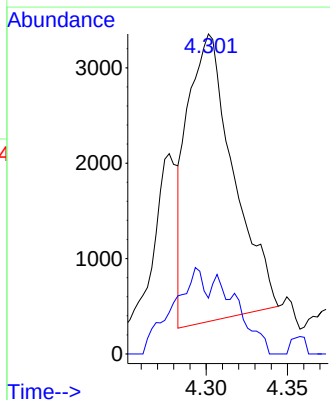
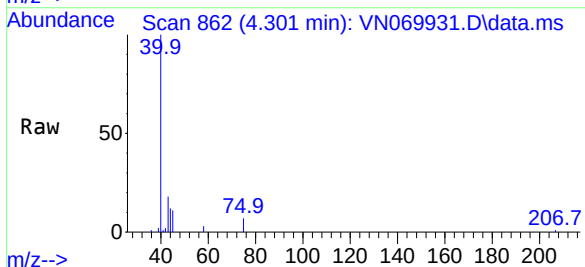
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MSVOA_N
ClientSampleId :
VN1209WBL02

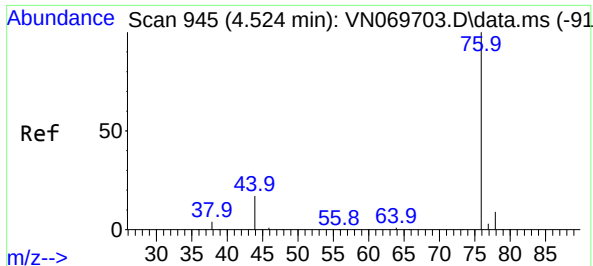
Tgt Ion: 56 Resp: 1332
Ion Ratio Lower Upper
56 100
55 22.1 56.6 85.0#



#16
Acetone
Concen: 0.555 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 43 Resp: 5926
Ion Ratio Lower Upper
43 100
58 20.5 23.1 34.7#

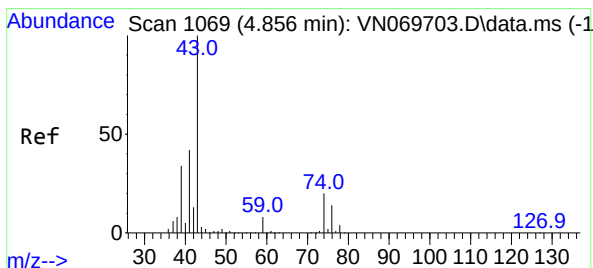
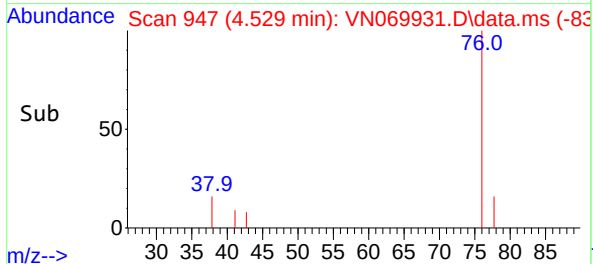
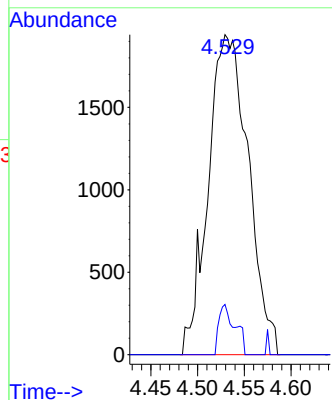
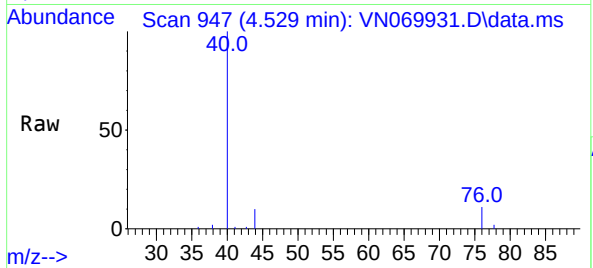




#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

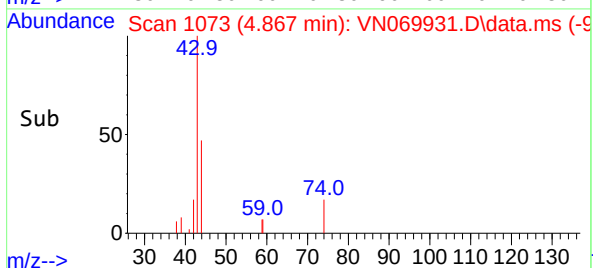
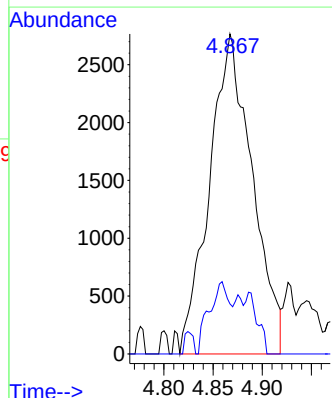
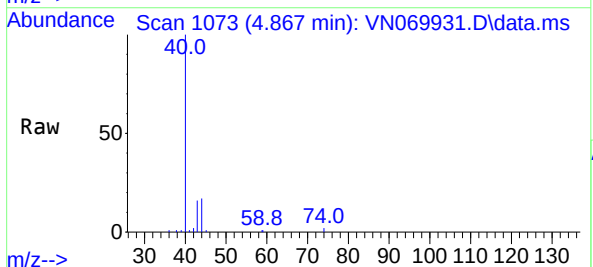
Instrument :
MSVOA_N
ClientSampleId :
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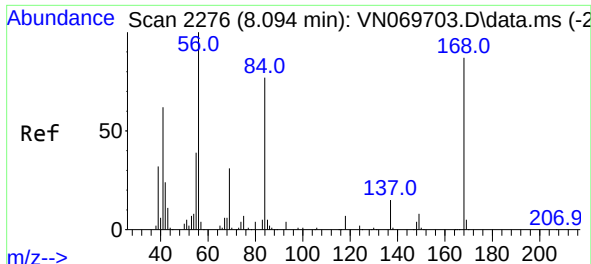
Tgt Ion: 76 Resp: 5803
Ion Ratio Lower Upper
76 100
78 15.7 7.5 11.3#



#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.011 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

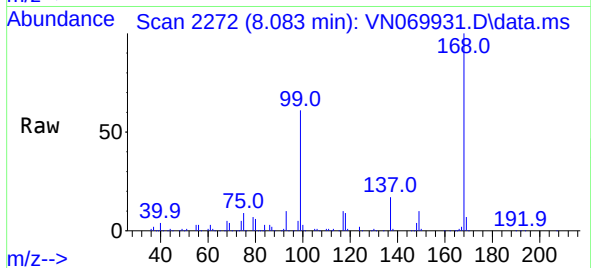
Tgt Ion: 43 Resp: 8363
Ion Ratio Lower Upper
43 100
74 11.0 19.4 29.2#



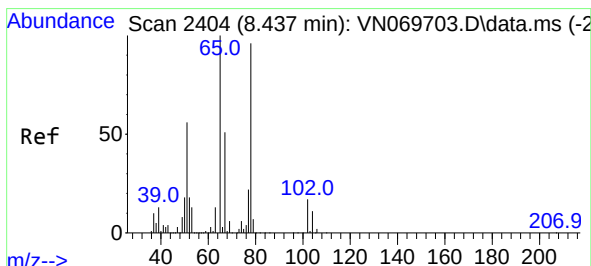
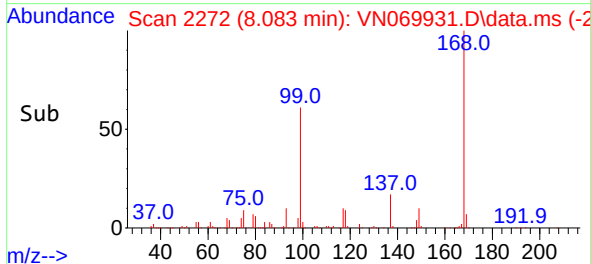
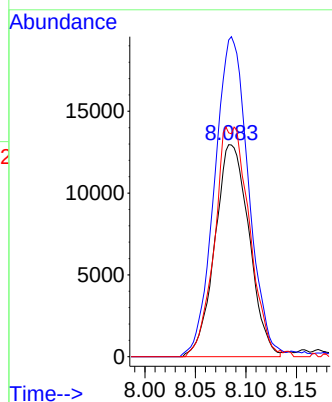


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

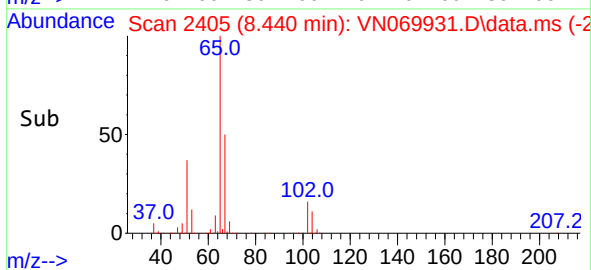
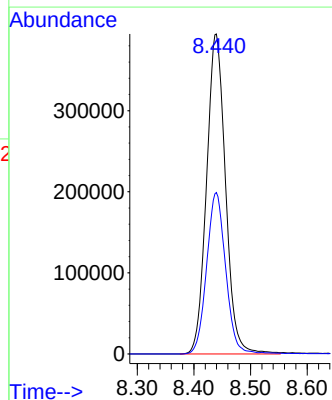
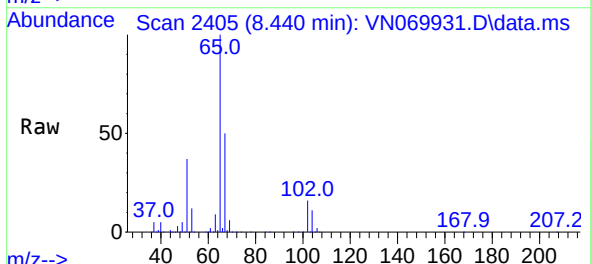


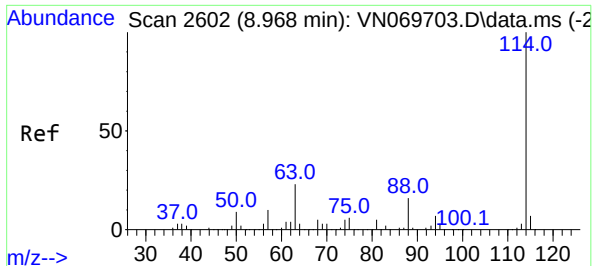
Tgt Ion: 56 Resp: 30484
Ion Ratio Lower Upper
56 100
69 149.3 27.1 40.7#
84 104.4 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 51.747 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 65 Resp: 918460
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069931.D

Acq: 10 Dec 2021 00:24

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBL02

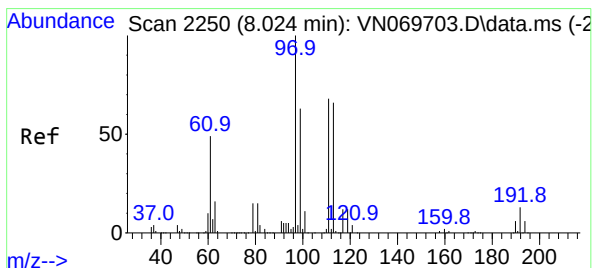
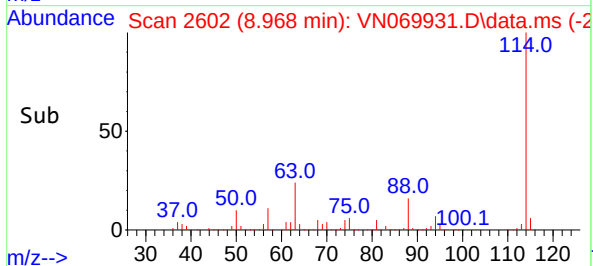
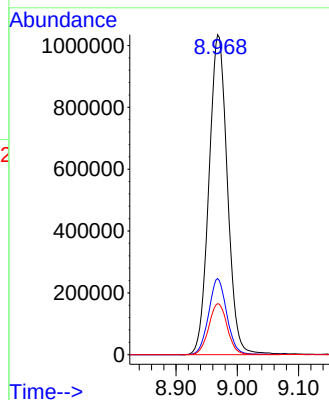
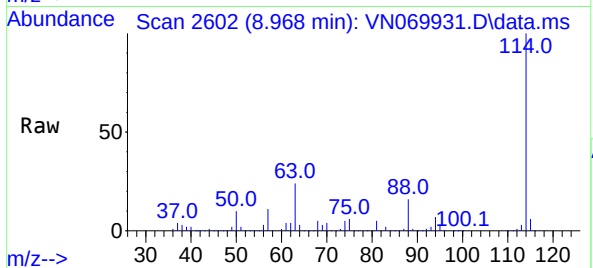
Tgt Ion:114 Resp: 2162646

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.0 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.877 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069931.D

Acq: 10 Dec 2021 00:24

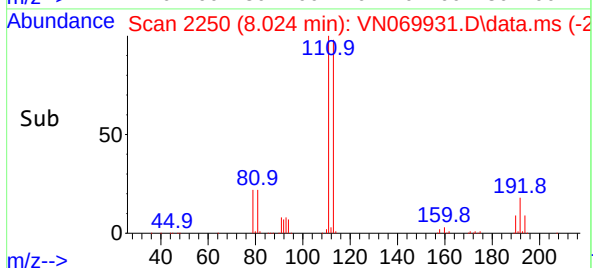
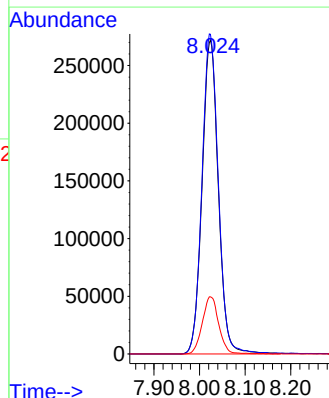
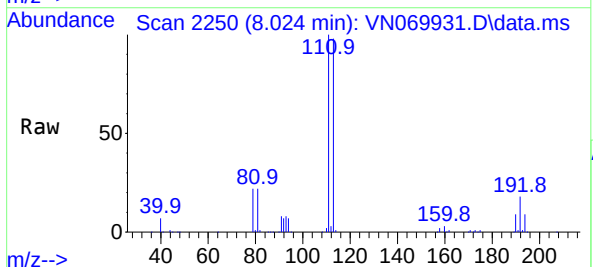
Tgt Ion:113 Resp: 675650

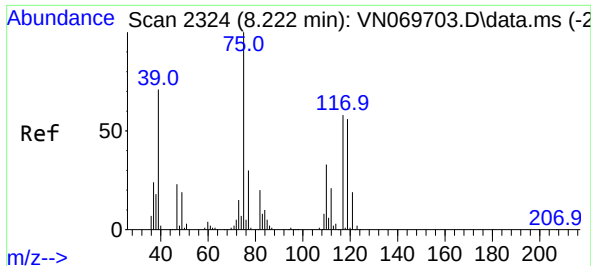
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 18.2 16.9 25.3

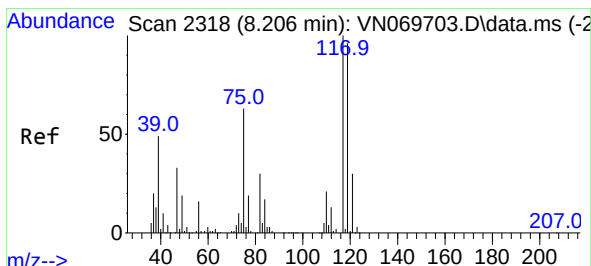
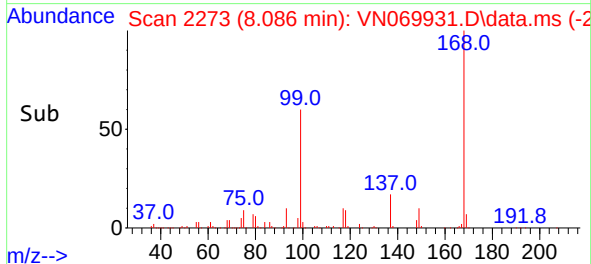
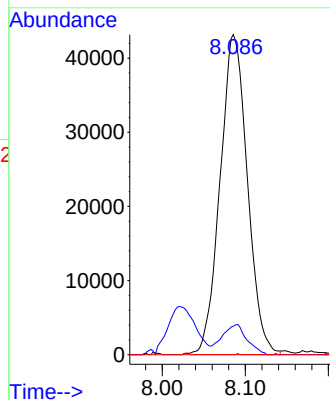
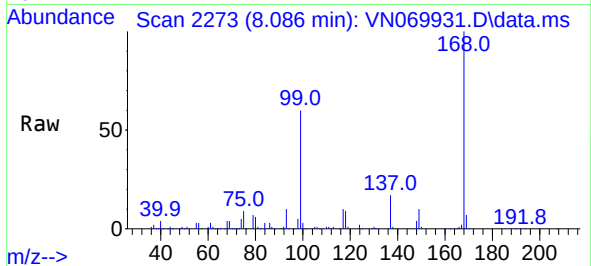




#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

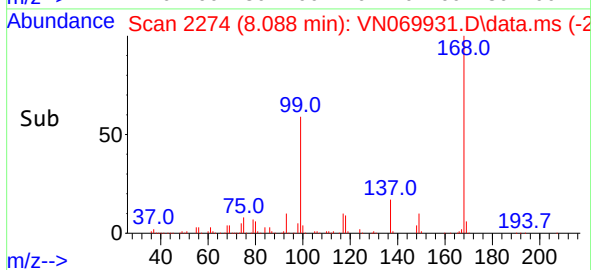
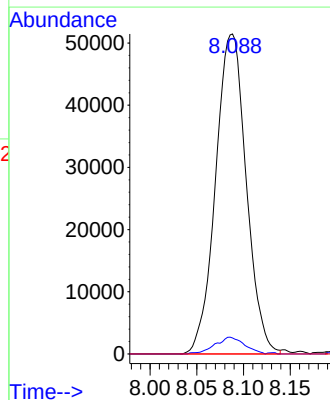
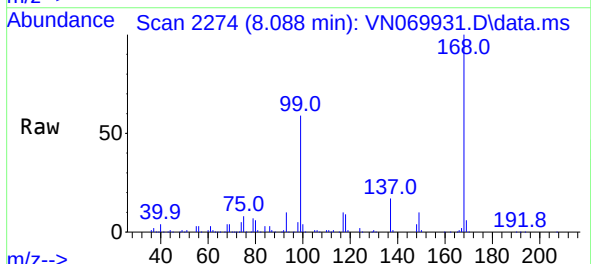
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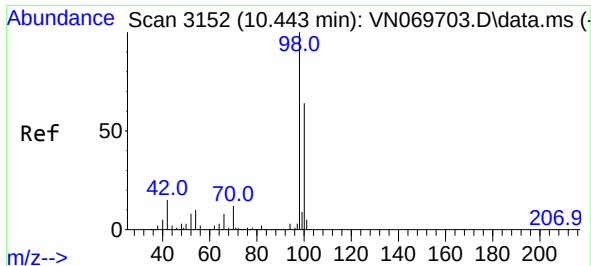
Tgt Ion: 75 Resp: 98753
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 117 Resp: 117575
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#

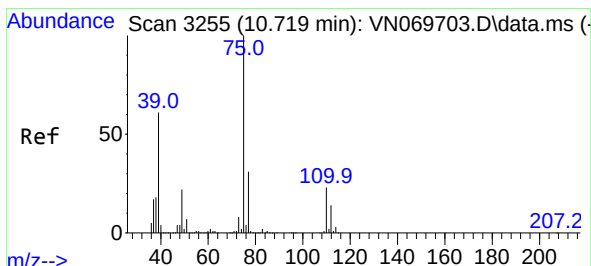
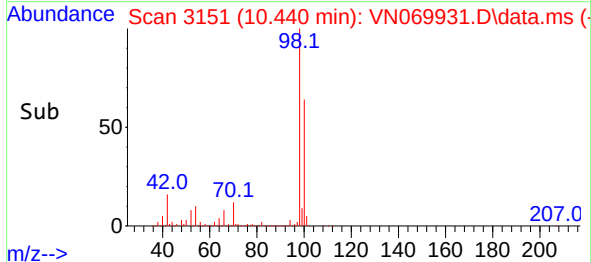
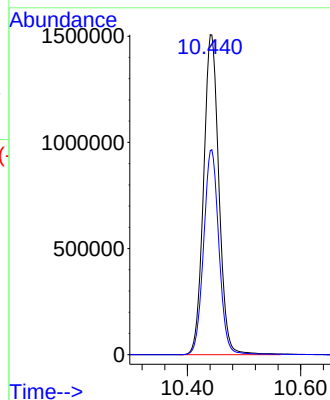
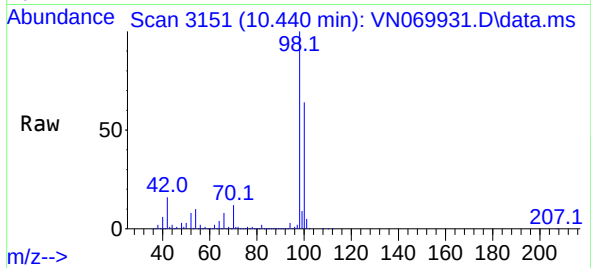




#50
Toluene-d8
Concen: 52.089 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

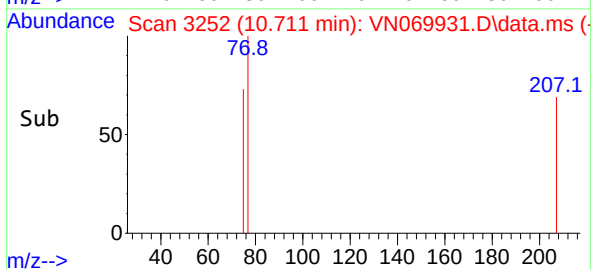
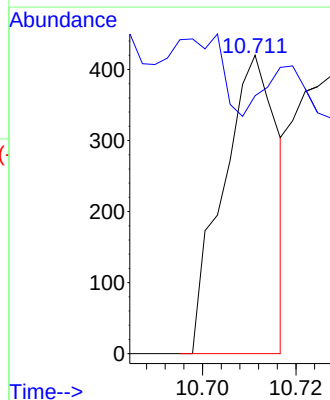
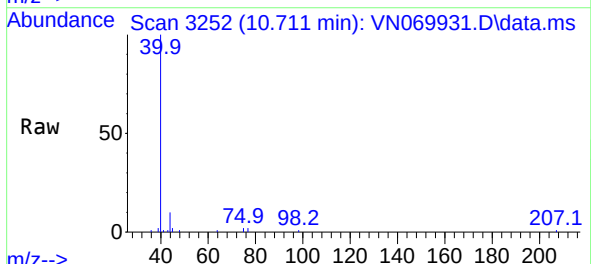
Instrument :
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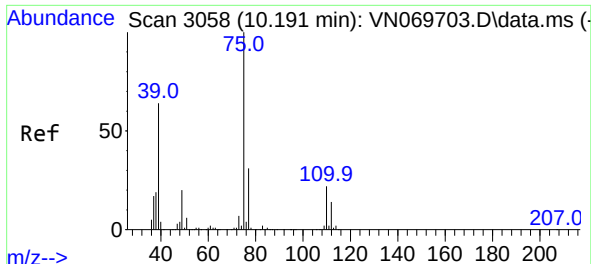
Tgt Ion: 98 Resp: 2833284
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.807 ug/l
RT: 10.711 min Scan# 3252
Delta R.T. -0.008 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 75 Resp: 338
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

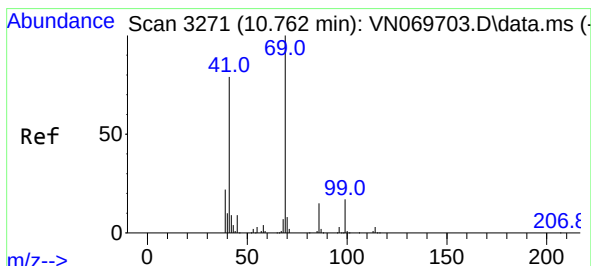
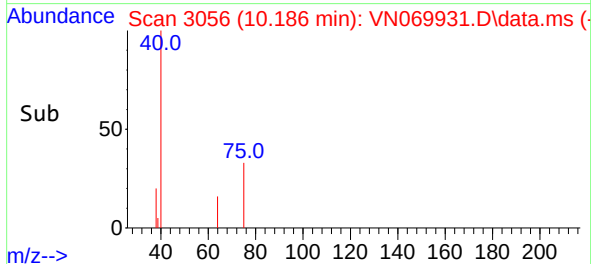
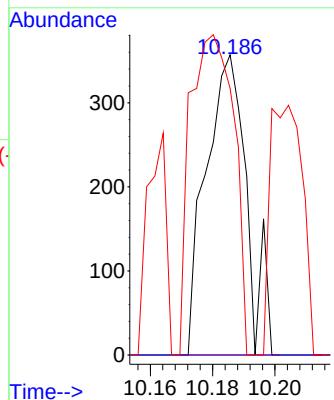
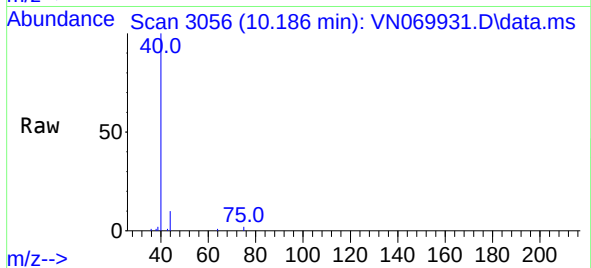




#54
cis-1,3-Dichloropropene
Concen: 2.010 ug/l
RT: 10.186 min Scan# 3058
Delta R.T. -0.005 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

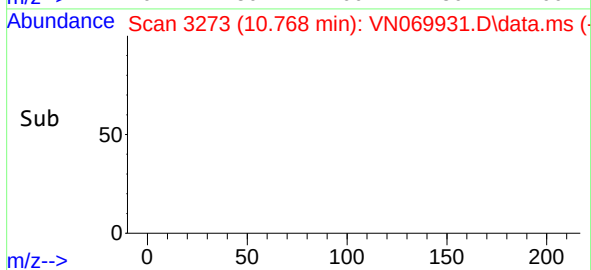
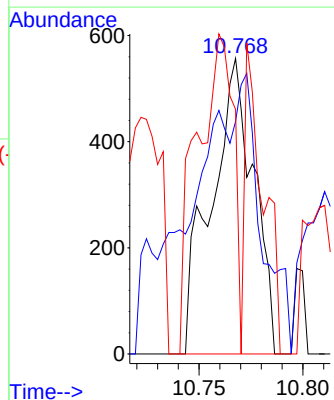
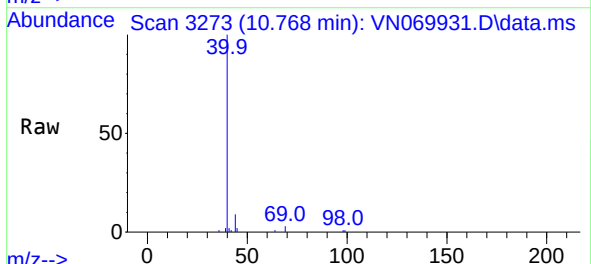
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

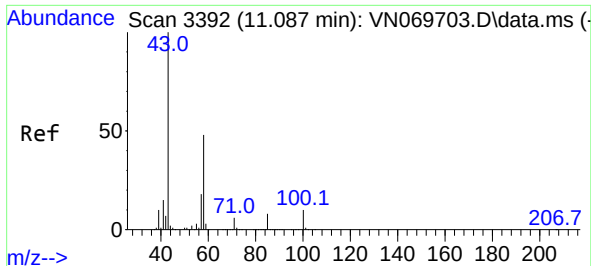
Tgt Ion: 75 Resp: 323
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 88.8 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.305 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 69 Resp: 793
Ion Ratio Lower Upper
69 100
41 59.8 51.4 77.0
39 45.5 34.6 52.0

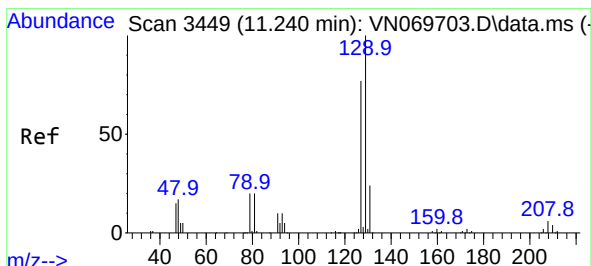
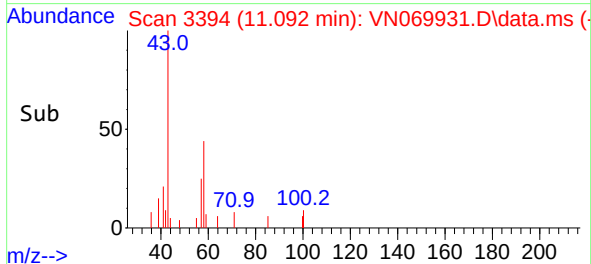
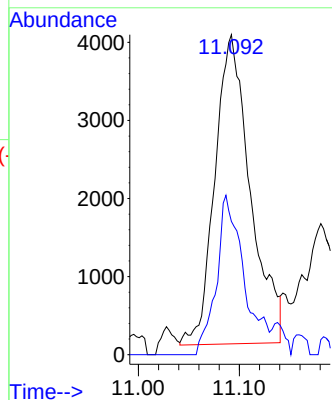
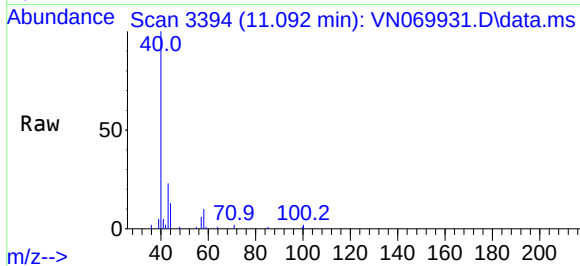




#59
2-Hexanone
Concen: 0.433 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

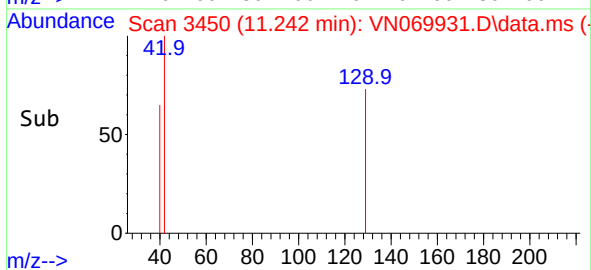
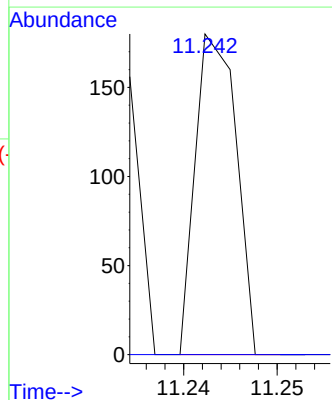
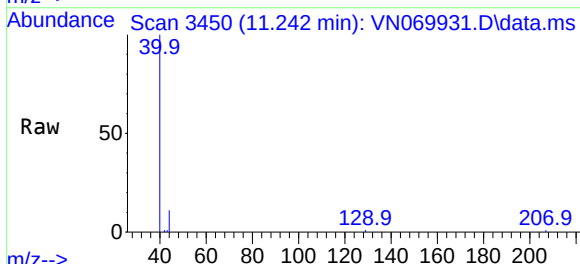
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

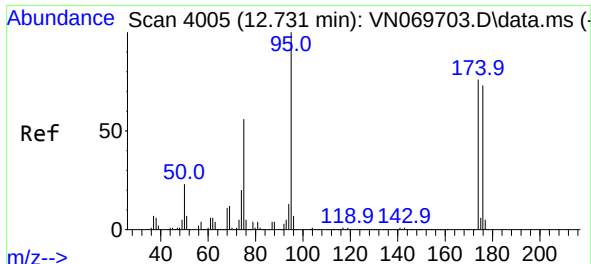
Tgt Ion: 43 Resp: 9645
Ion Ratio Lower Upper
43 100
58 39.9 26.9 80.7



#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.002 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

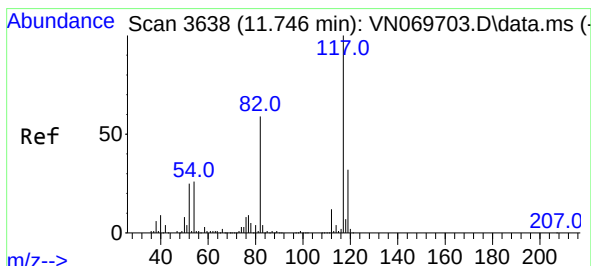
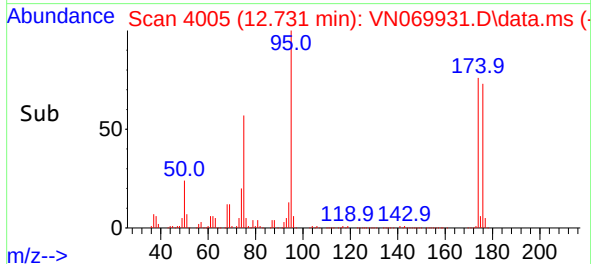
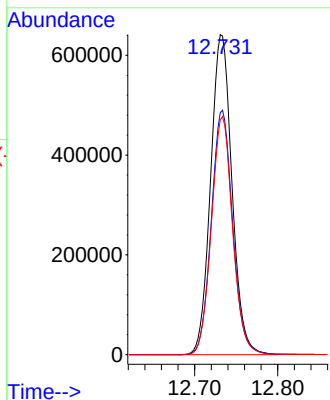
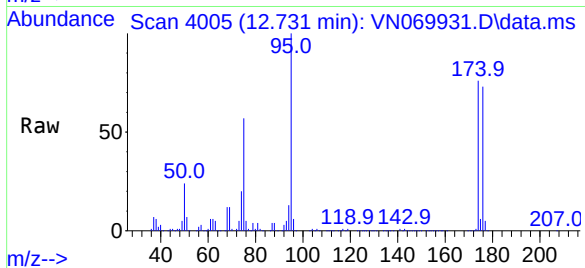




#62
4-Bromofluorobenzene
Concen: 58.168 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

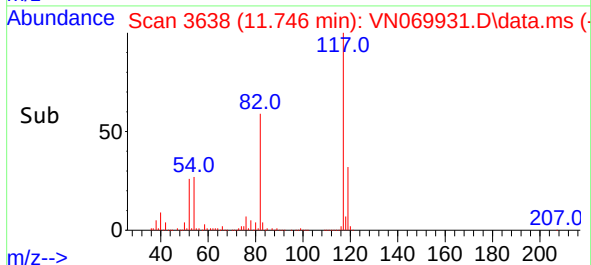
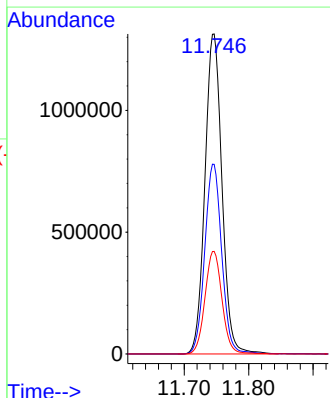
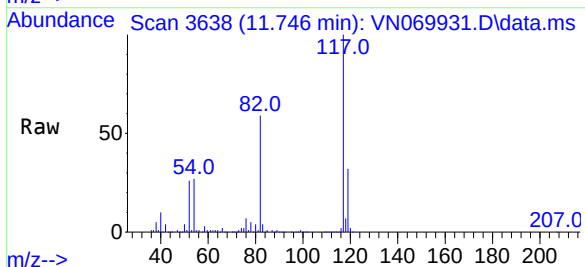
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

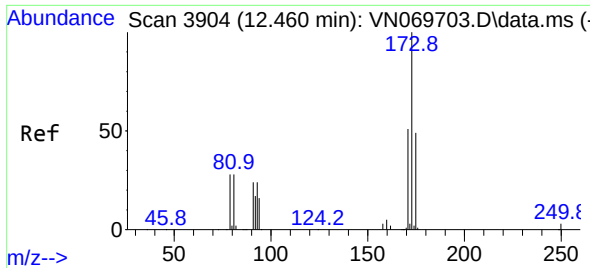
Tgt Ion: 95 Resp: 1146218
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 117 Resp: 2413434
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.1 25.4 38.2

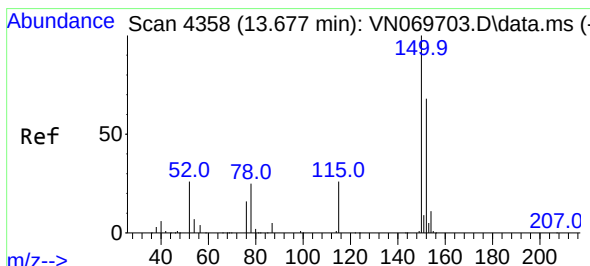
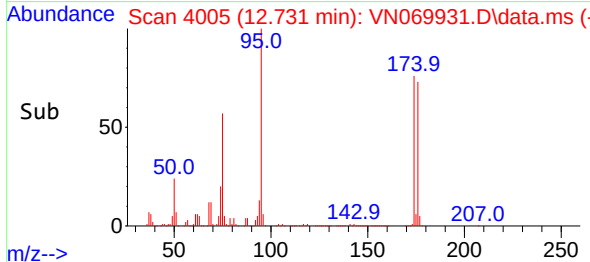
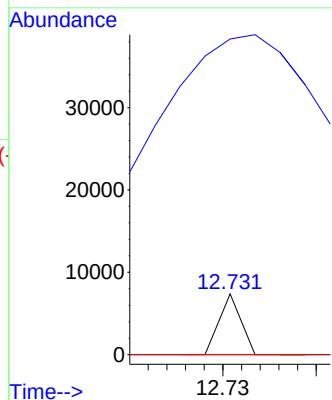
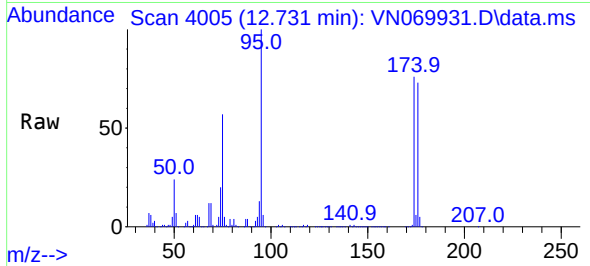




#71
Bromoform
Concen: 2.807 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

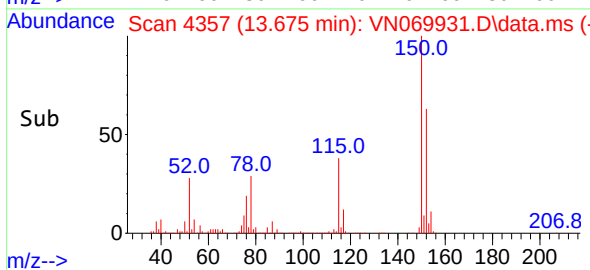
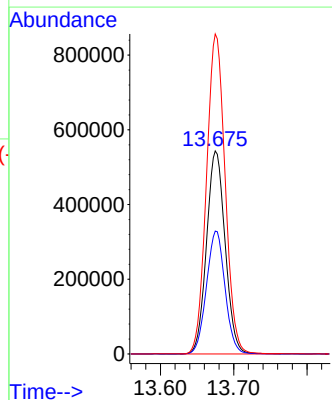
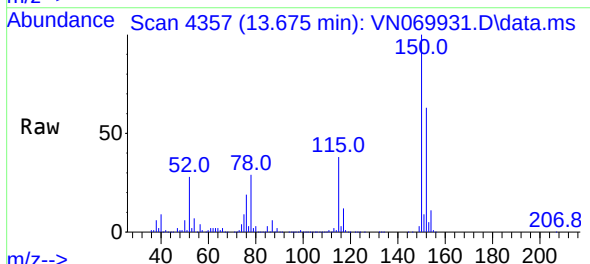
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

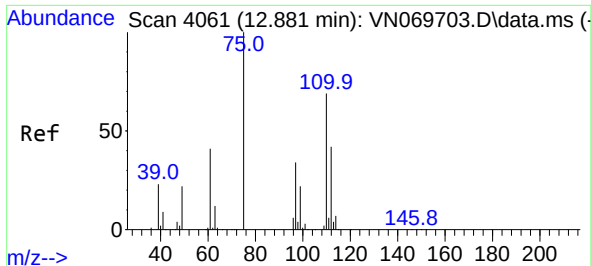
Tgt Ion:173 Resp: 1188
Ion Ratio Lower Upper
173 100
175 5360.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion:152 Resp: 959968
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 157.5 0.0 344.4

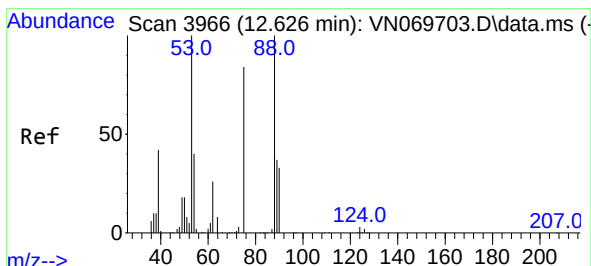
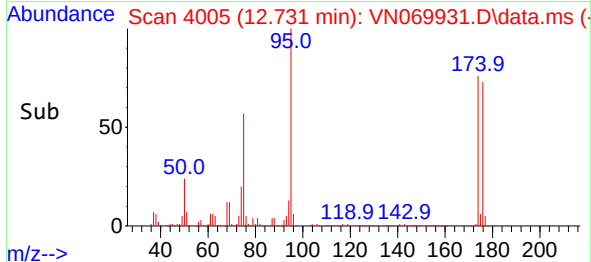
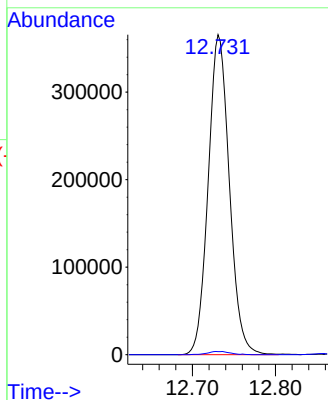
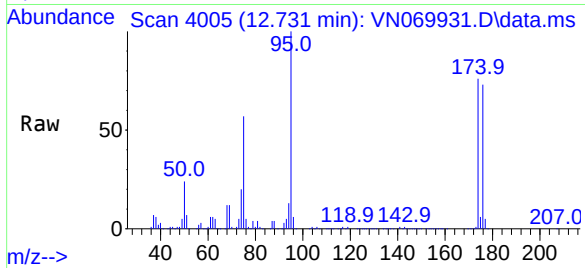




#76
1,2,3-Trichloropropane
Concen: 23.488 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

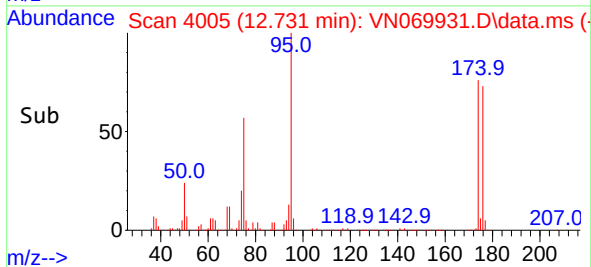
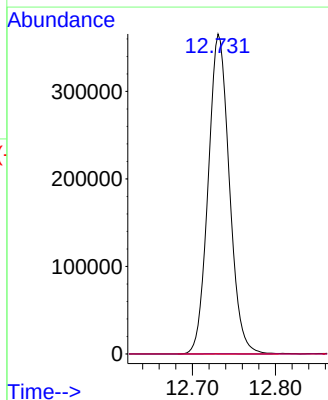
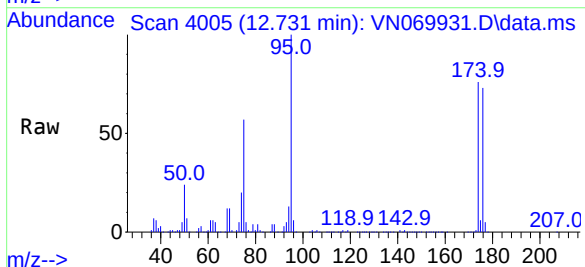
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

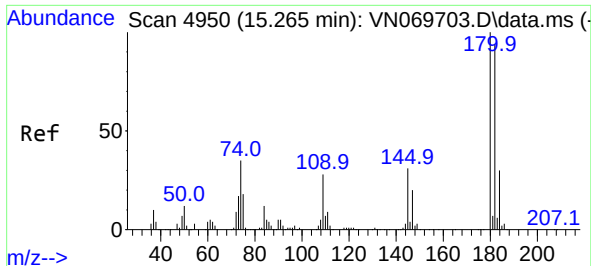
Tgt Ion: 75 Resp: 646616
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.691 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

Tgt Ion: 75 Resp: 646616
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

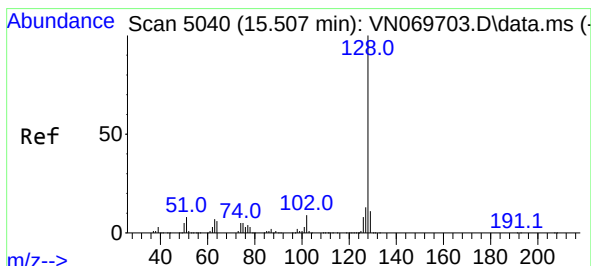
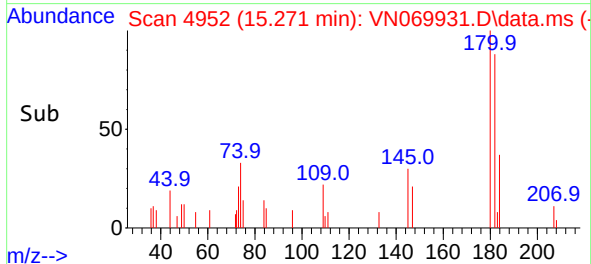
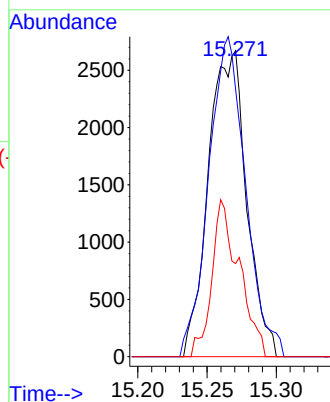
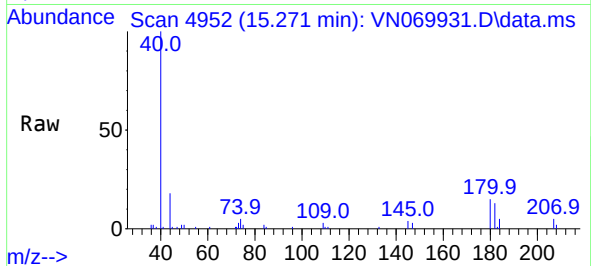




#93
1,2,4-Trichlorobenzene
Concen: 3.185 ug/l
RT: 15.271 min Scan# 4950
Delta R.T. 0.006 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

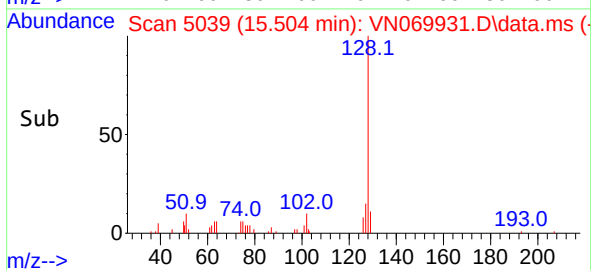
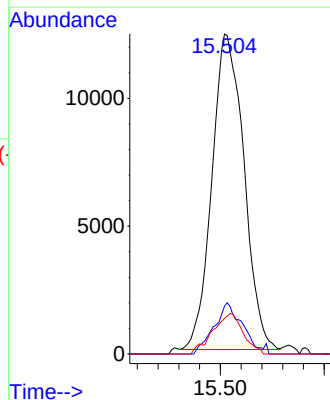
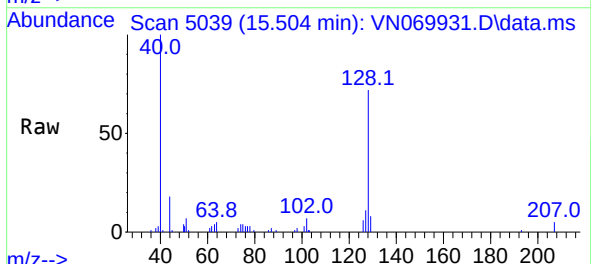
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL02

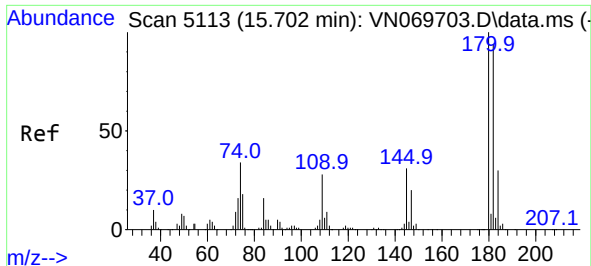
Tgt Ion:180	Resp:	5133
Ion Ratio	Lower	Upper
180	100	
182	100.9	48.3 144.9
145	36.6	14.5 43.5



#95
Naphthalene
Concen: 4.503 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069931.D
Acq: 10 Dec 2021 00:24

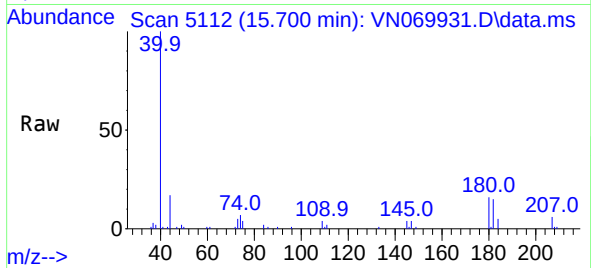
Tgt Ion:128	Resp:	26398
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.5 15.7
129	12.1	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.824 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN069931.D
 Acq: 10 Dec 2021 00:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL02



Tgt Ion:	180	Resp:	6275
Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.4	142.2
145	26.1	15.0	45.1

