

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069906.D
 Acq On : 9 Dec 2021 12:46
 Operator : JC/MD
 Sample : VN1209WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL01

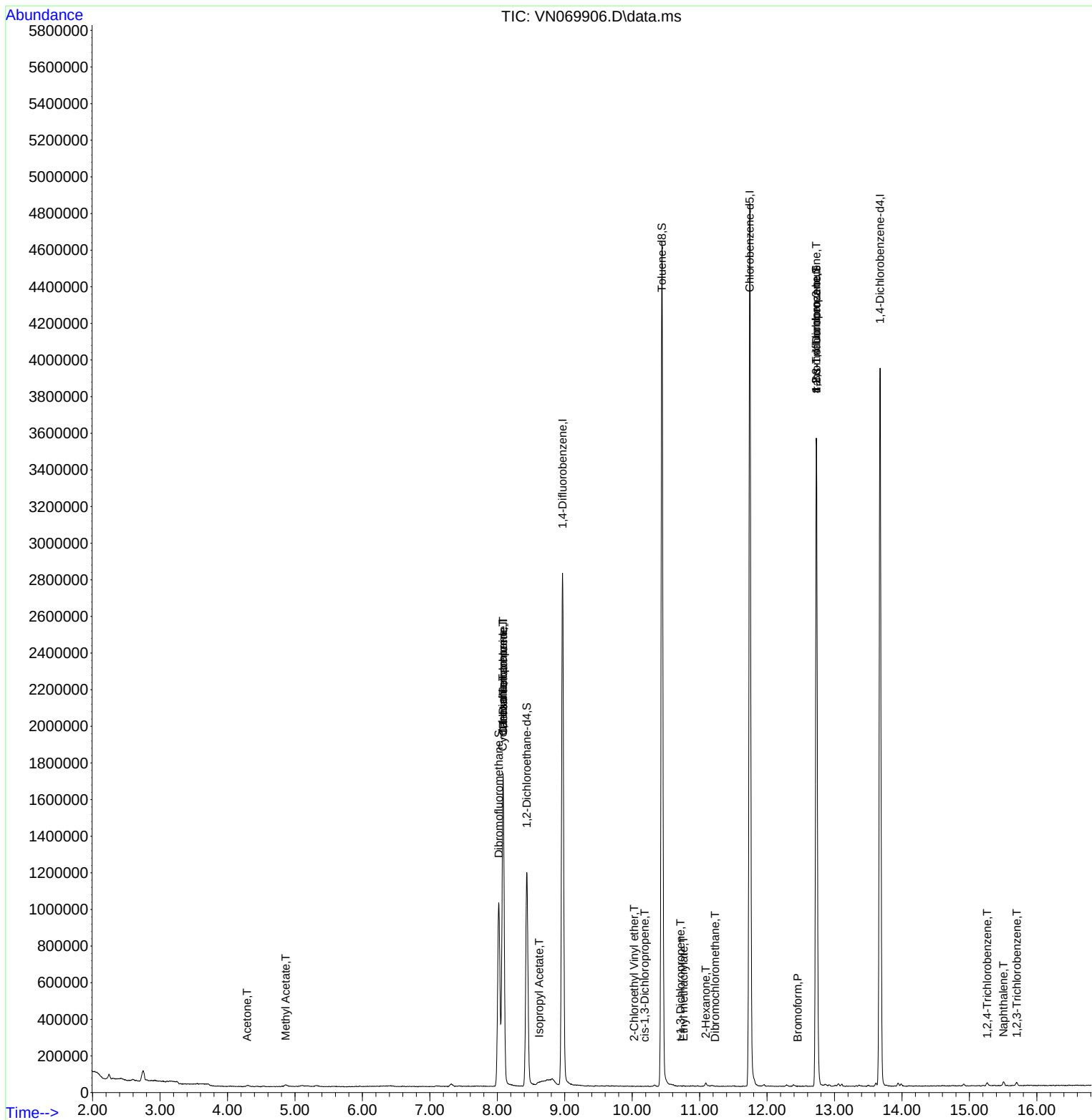
Quant Time: Dec 10 06:12:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

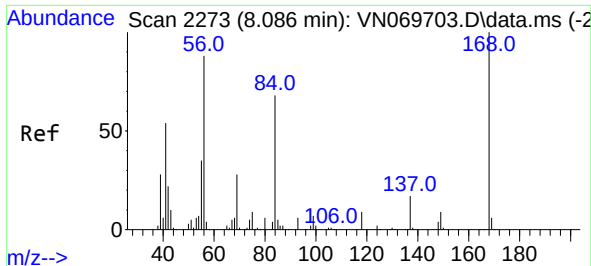
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1268295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2371296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2621001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1041808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1014665	51.815	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.620%	
35) Dibromofluoromethane	8.021	113	732817	49.337	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.680%	
50) Toluene-d8	10.440	98	3095077	51.895	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.731	95	1238601	57.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	3439	0.292	ug/l	96
18) Methyl Acetate	4.862	43	15811	0.445	ug/l #	72
31) Cyclohexane	8.080	56	16023	0.588	ug/l #	34
36) 1,1-Dichloropropene	8.083	75	107350	4.755	ug/l #	49
38) Carbon Tetrachloride	8.088	117	129417	5.846	ug/l #	16
43) Isopropyl Acetate	8.619	43	17114	0.344	ug/l #	55
53) t-1,3-Dichloropropene	10.717	75	709	2.818	ug/l #	88
54) cis-1,3-Dichloropropene	10.186	75	286	2.008	ug/l #	17
56) Ethyl methacrylate	10.762	69	859	2.305	ug/l #	67
58) 2-Chloroethyl Vinyl ether	10.030	63	52	18.394	ug/l #	45
59) 2-Hexanone	11.089	43	12481	0.512	ug/l	84
60) Dibromochloromethane	11.229	129	79	2.380	ug/l	56
71) Bromoform	12.455	173	136	2.739	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	698543	23.381	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	698543	74.369	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	5794	3.197	ug/l	96
95) Naphthalene	15.504	128	21061	4.366	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.702	180	5866	2.771	ug/l	96

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

Quant Time: Dec 10 06:12:39 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

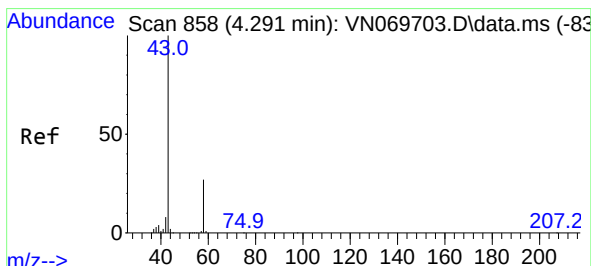
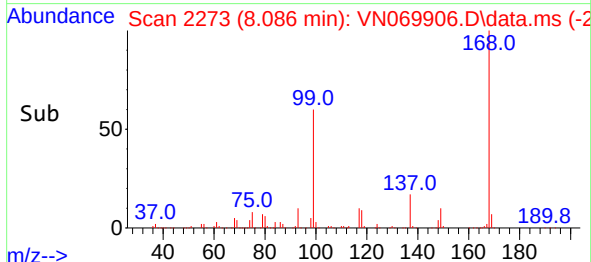
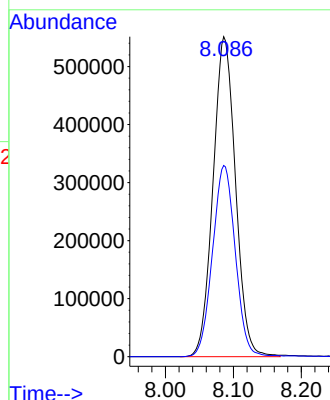
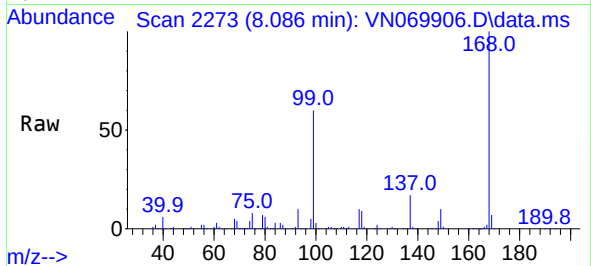




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

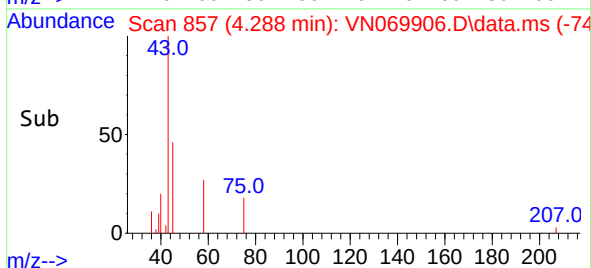
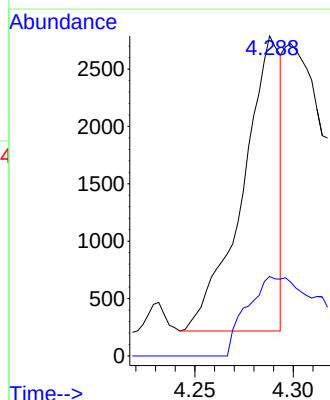
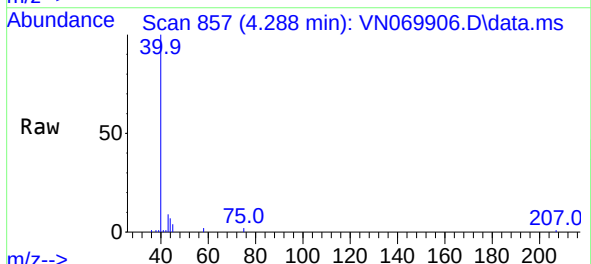
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

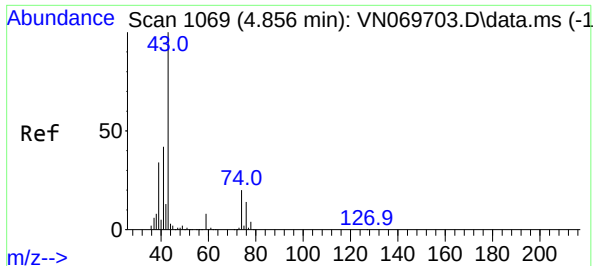
Tgt Ion:168 Resp: 1268295
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#16
Acetone
Concen: 0.292 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7

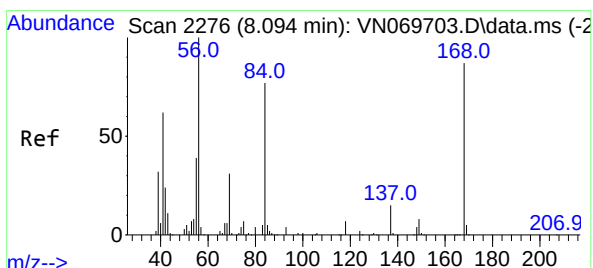
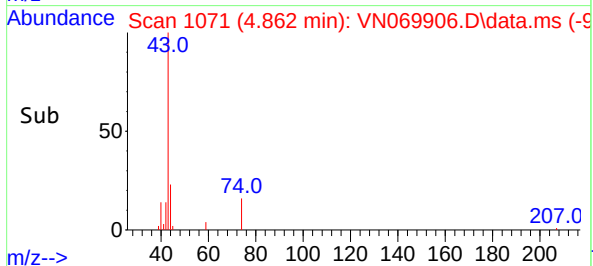
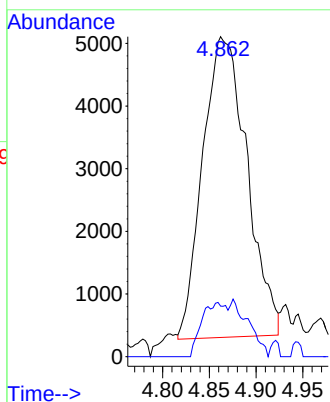
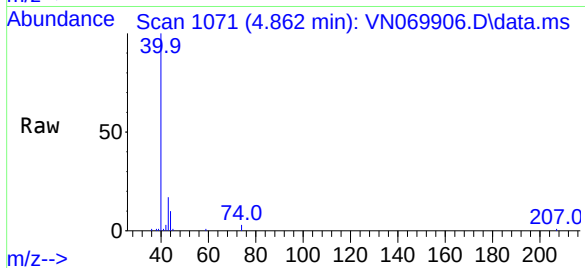




#18
Methyl Acetate
Concen: 0.445 ug/l
RT: 4.862 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

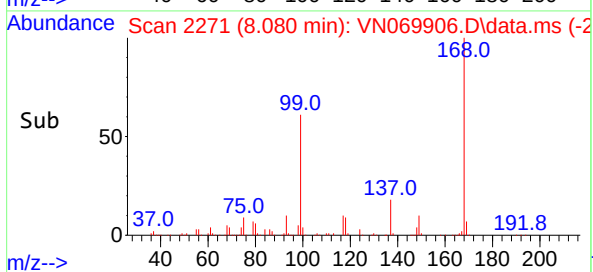
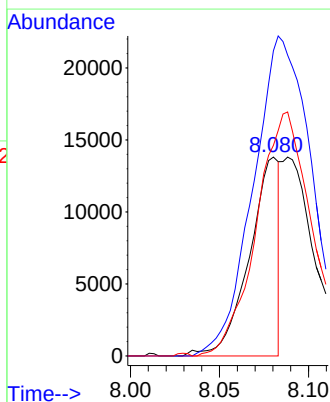
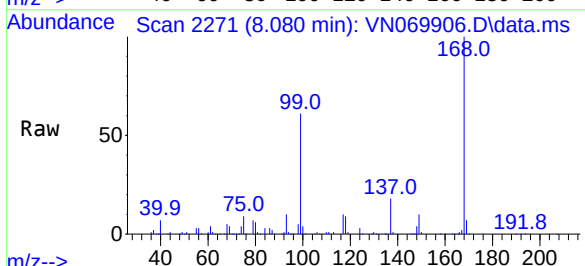
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ClientSampleId :
VN1209WBL01

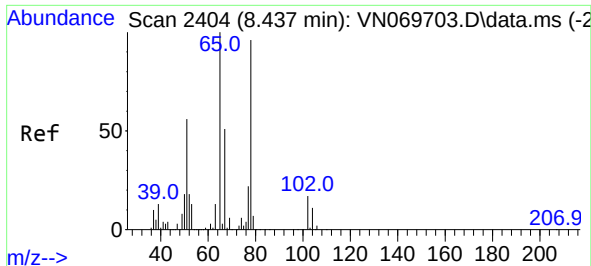
Tgt Ion: 43 Resp: 15811
Ion Ratio Lower Upper
43 100
74 10.2 19.4 29.2#



#31
Cyclohexane
Concen: 0.588 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.013 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 56 Resp: 16023
Ion Ratio Lower Upper
56 100
69 153.4 27.1 40.7#
84 104.7 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 51.815 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN069906.D

Acq: 9 Dec 2021 12:46

Instrument :

MSVOA_N

ClientSampleId :

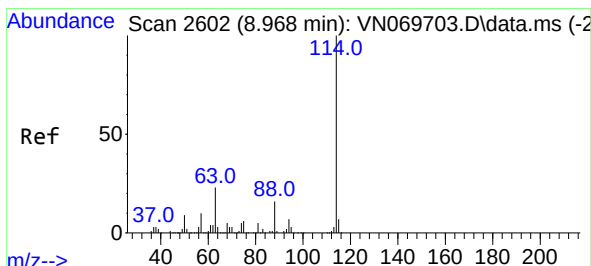
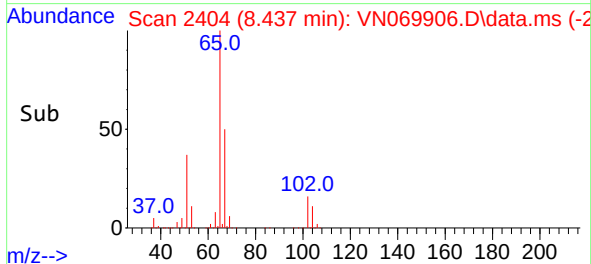
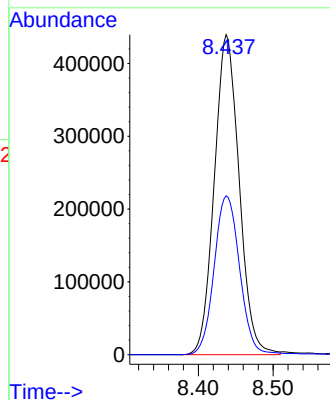
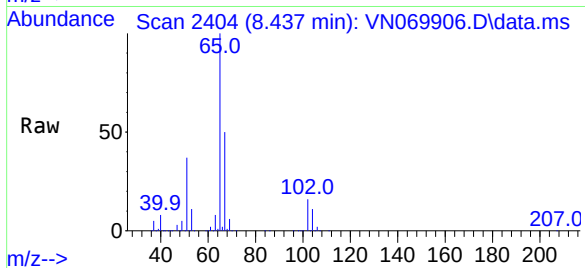
VN1209WBL01

Tgt Ion: 65 Resp: 1014665

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069906.D

Acq: 9 Dec 2021 12:46

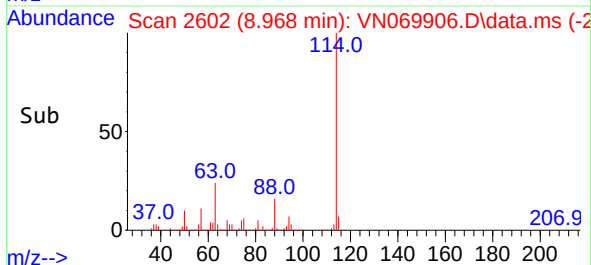
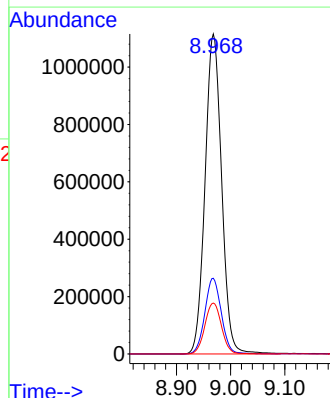
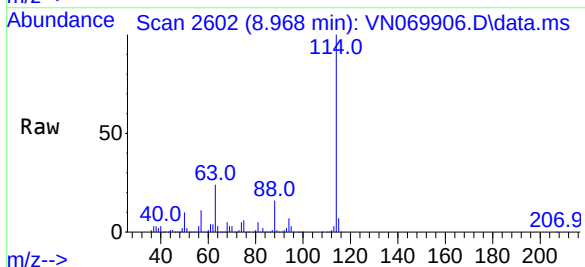
Tgt Ion: 114 Resp: 2371296

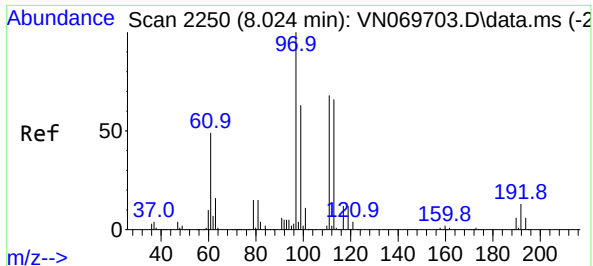
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 15.9 0.0 27.4

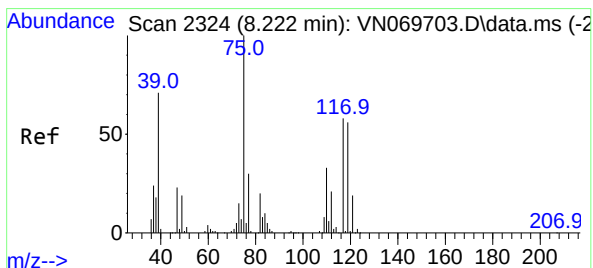
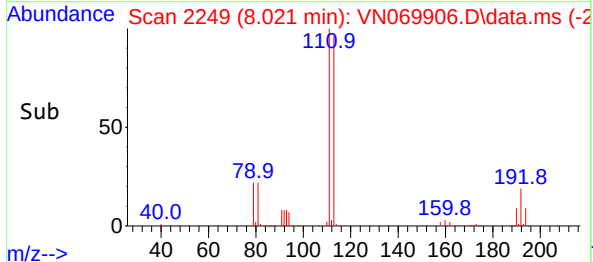
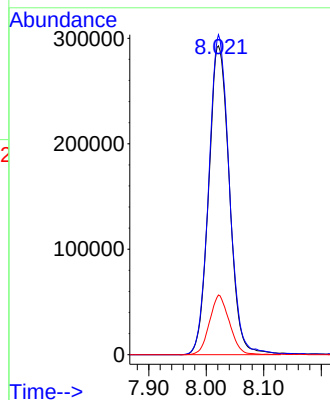
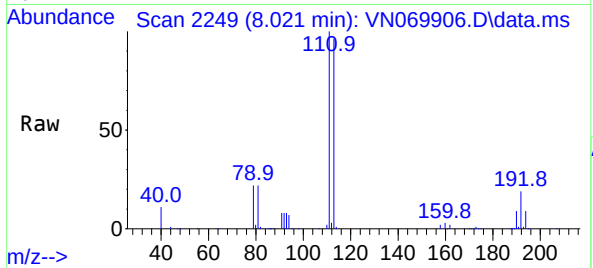




#35
Dibromofluoromethane
Concen: 49.337 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

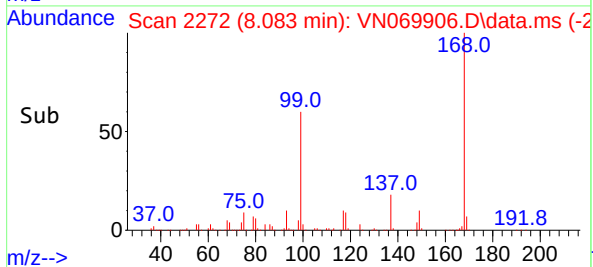
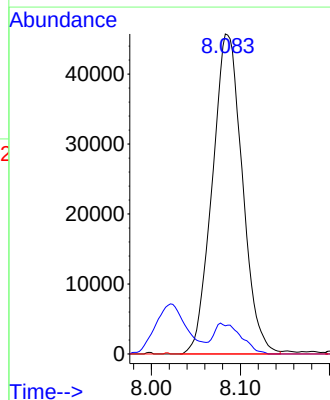
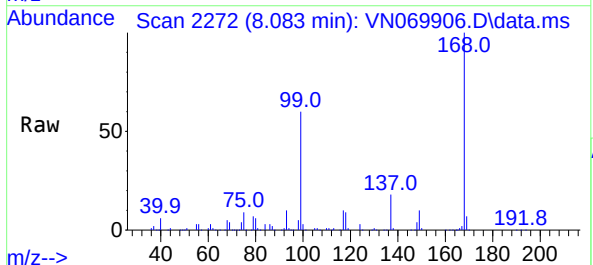
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

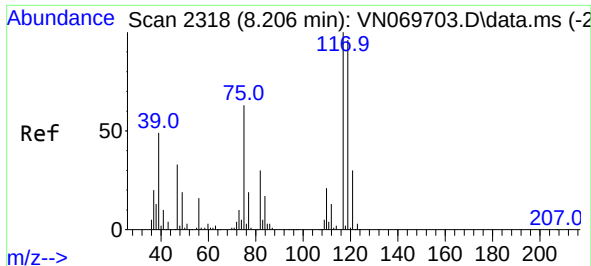
Tgt Ion:113 Resp: 732817
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 75 Resp: 107350
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#

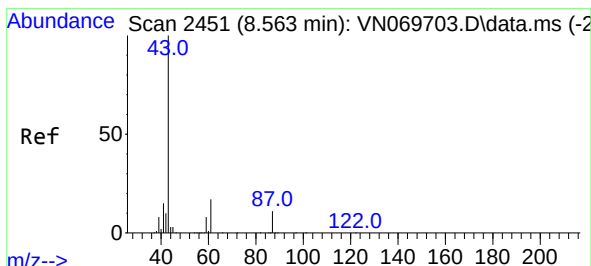
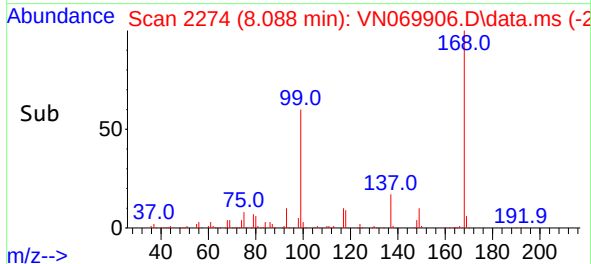
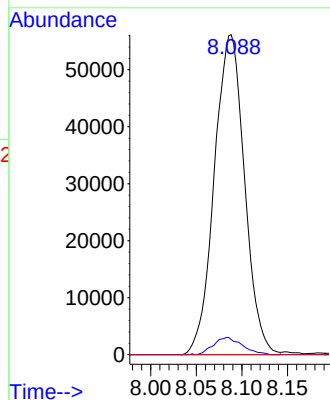
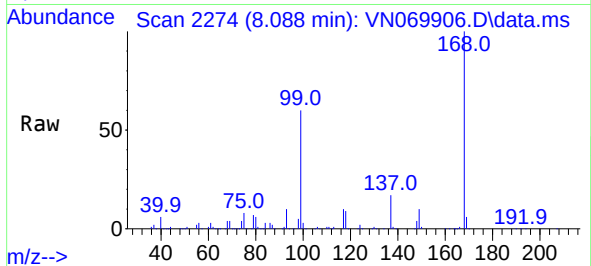




#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

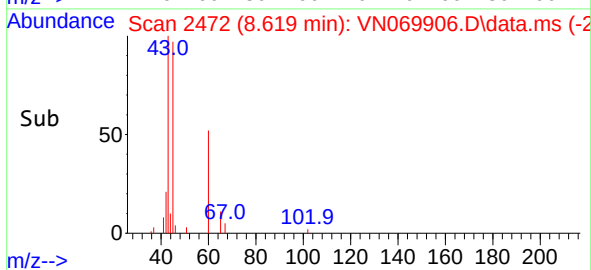
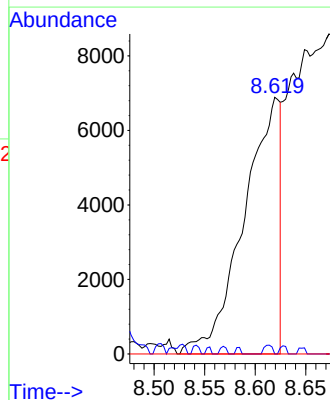
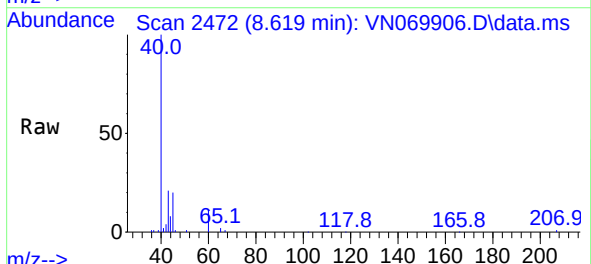
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

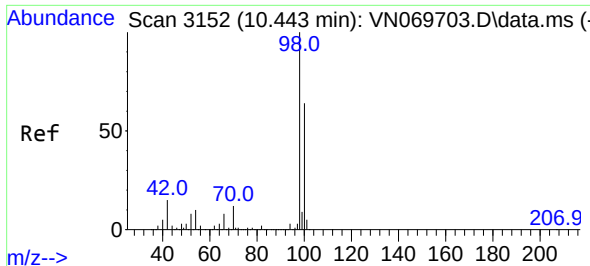
Tgt Ion:117 Resp: 129417
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.344 ug/l
RT: 8.619 min Scan# 2472
Delta R.T. 0.056 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 43 Resp: 17114
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

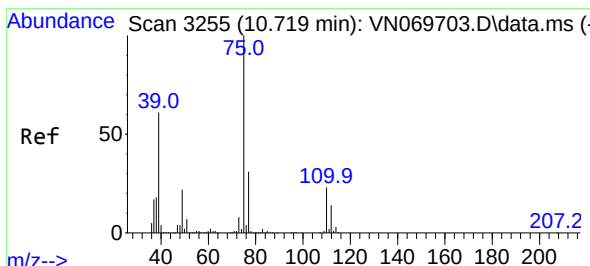
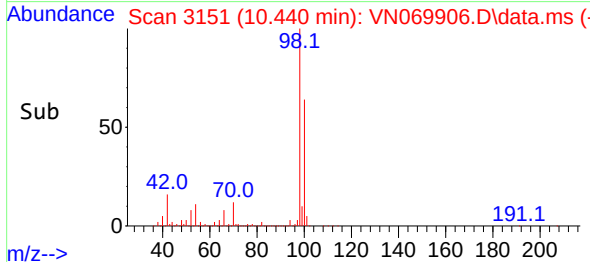
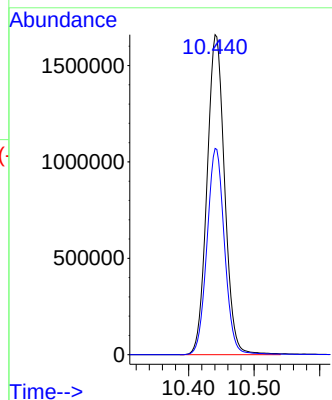
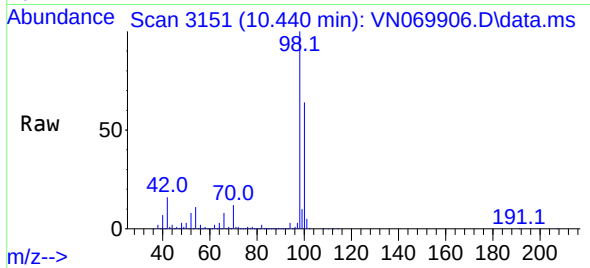




#50
Toluene-d8
Concen: 51.895 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

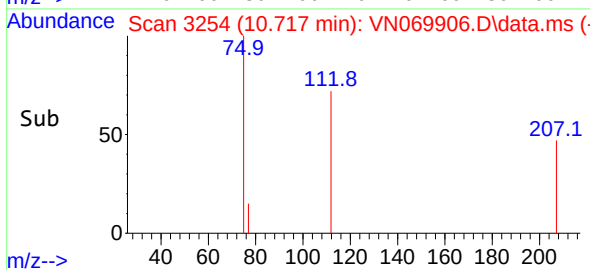
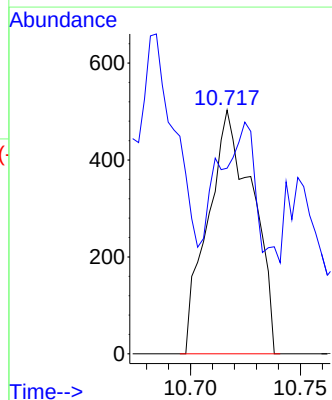
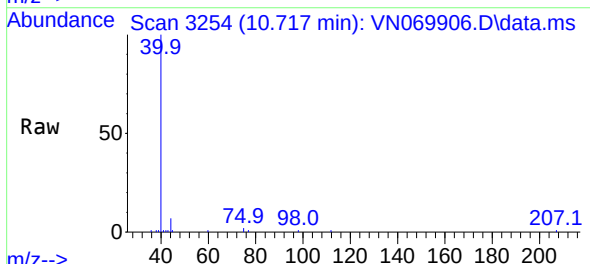
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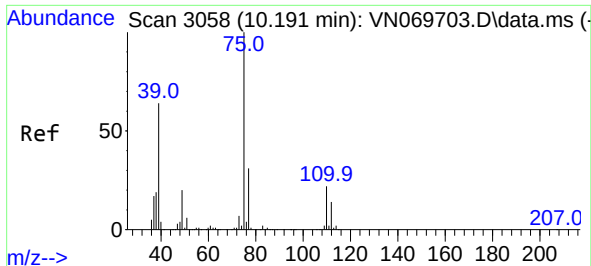
Tgt Ion: 98 Resp: 3095077
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.818 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

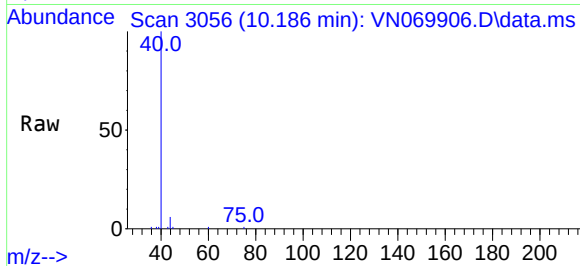
Tgt Ion: 75 Resp: 709
Ion Ratio Lower Upper
75 100
77 38.8 25.6 38.4#



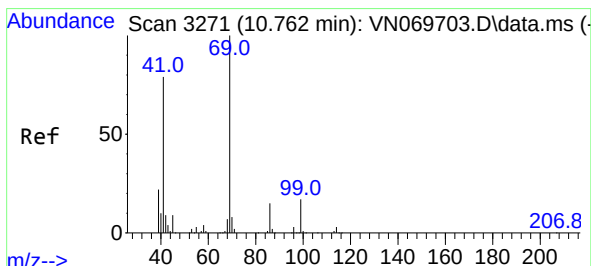
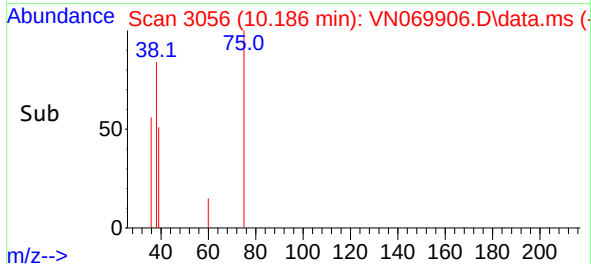
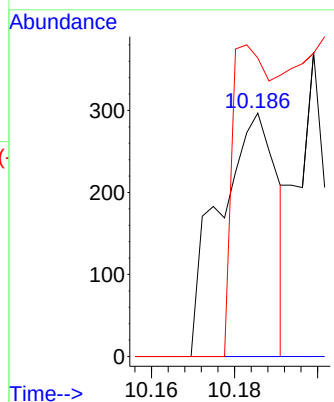


#54
cis-1,3-Dichloropropene
Concen: 2.008 ug/l
RT: 10.186 min Scan# 3058
Delta R.T. -0.005 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

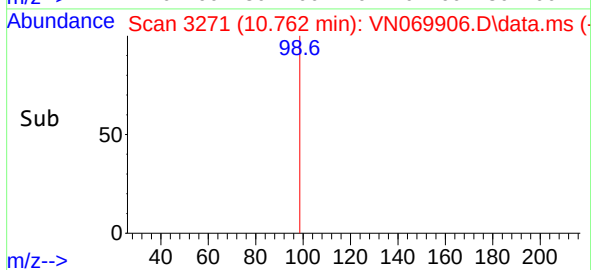
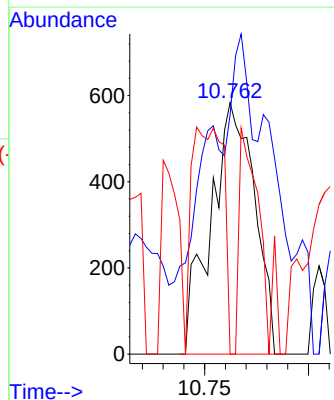
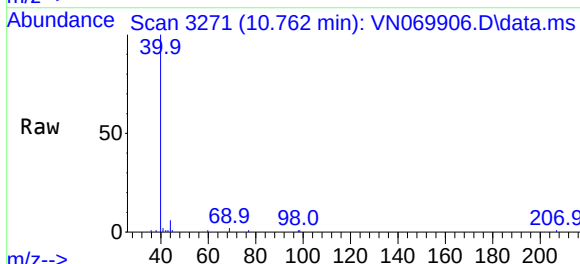


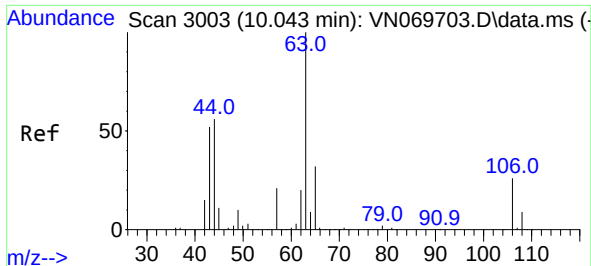
Tgt Ion: 75 Resp: 286
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 122.6 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.305 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 69 Resp: 859
Ion Ratio Lower Upper
69 100
41 21.4 51.4 77.0#
39 43.2 34.6 52.0

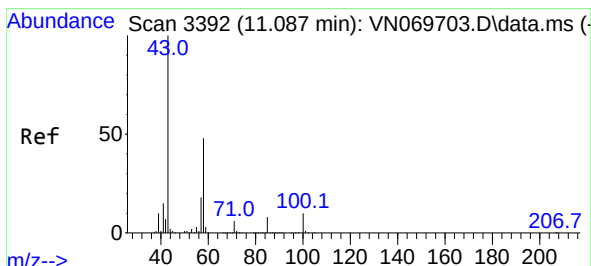
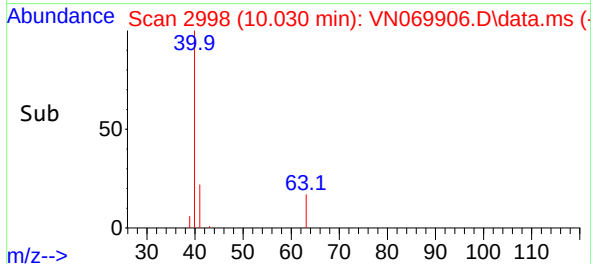
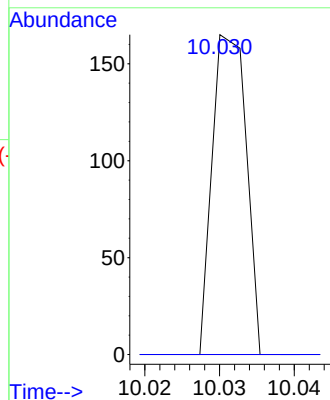
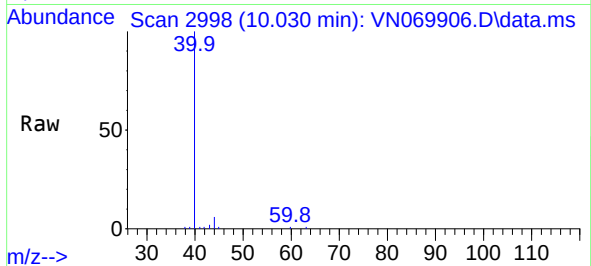




#58
2-Chloroethyl Vinyl ether
Concen: 18.394 ug/l
RT: 10.030 min Scan# 2998
Delta R.T. -0.013 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

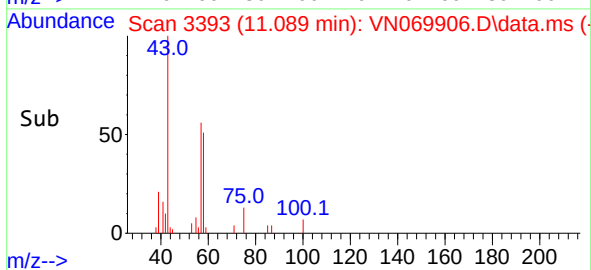
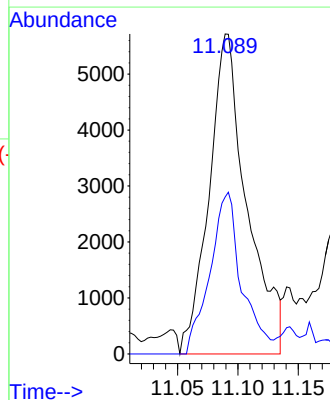
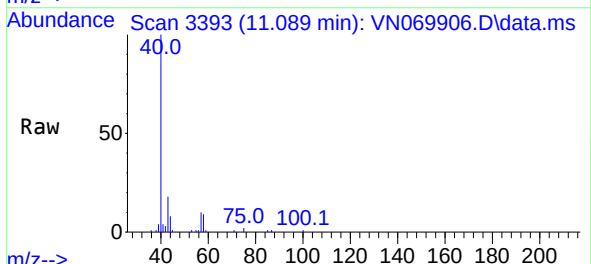
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

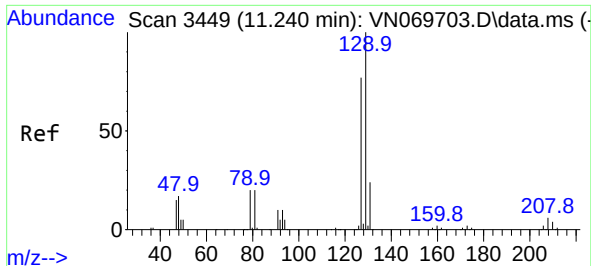
Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.512 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 43 Resp: 12481
Ion Ratio Lower Upper
43 100
58 42.5 26.9 80.7

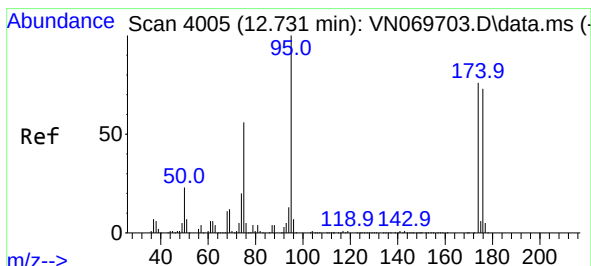
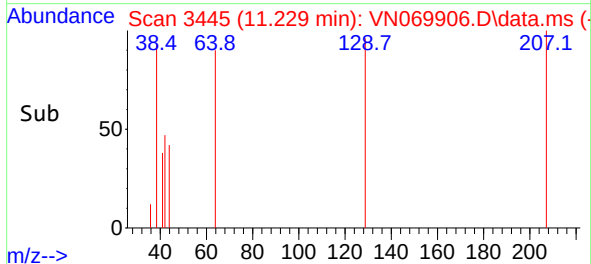
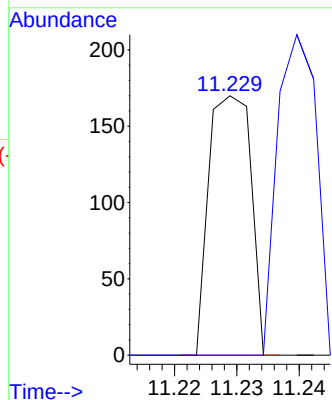
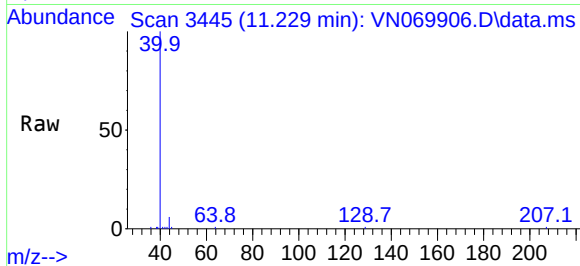




#60
Dibromochloromethane
Concen: 2.380 ug/l
RT: 11.229 min Scan# 3445
Delta R.T. -0.011 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

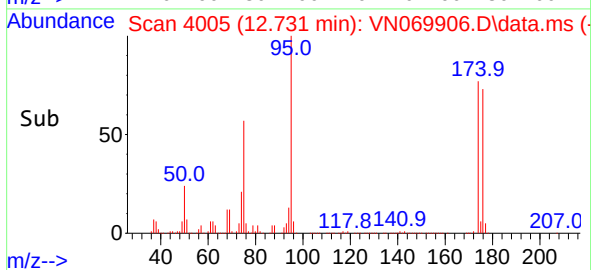
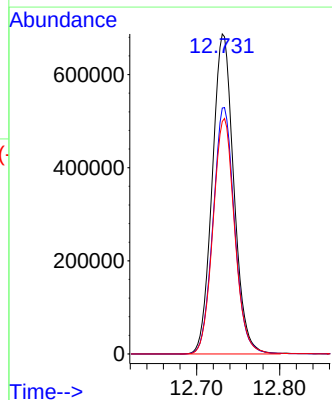
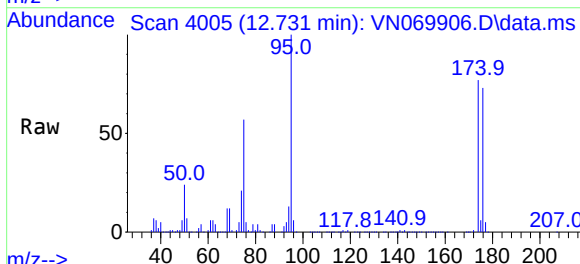
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

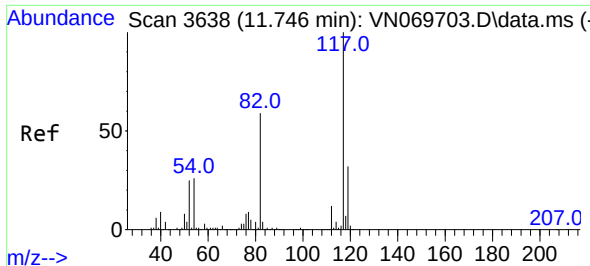
Tgt Ion:129 Resp: 79
Ion Ratio Lower Upper
129 100
127 115.2 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 57.325 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

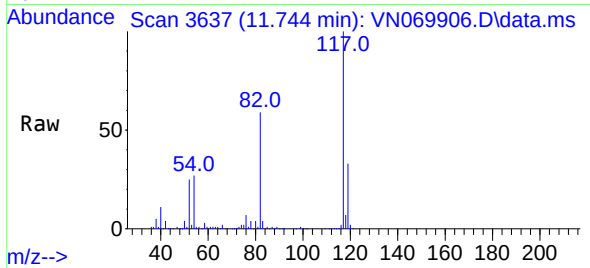
Tgt Ion: 95 Resp: 1238601
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.8 0.0 181.4





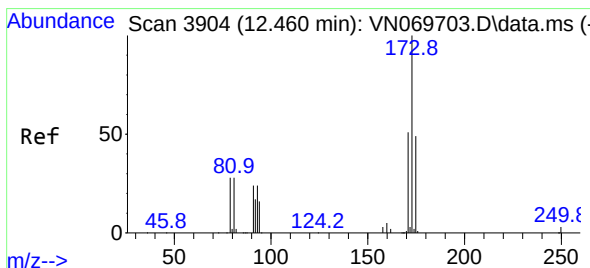
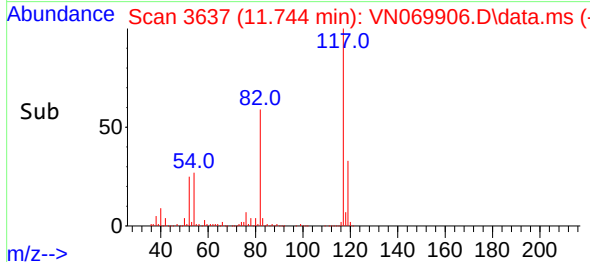
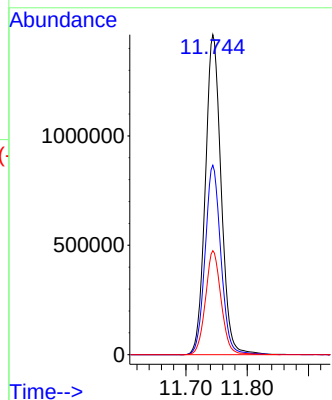
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01



Tgt Ion:117 Resp: 2621001

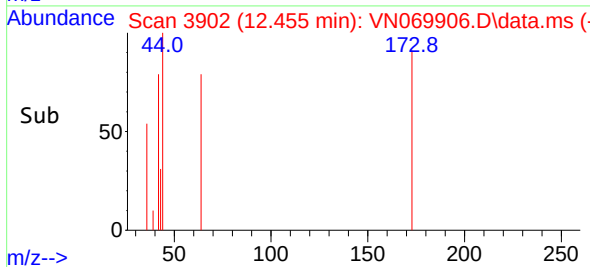
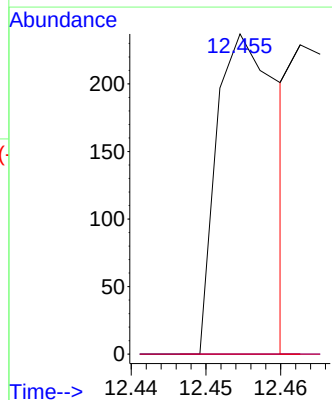
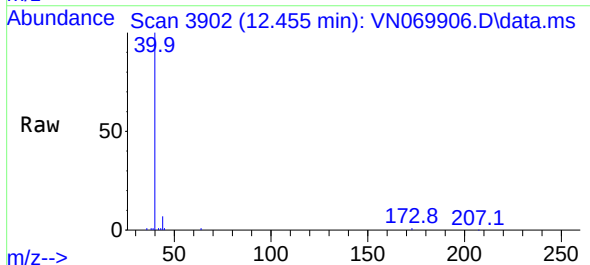
Ion	Ratio	Lower	Upper
117	100		
82	59.2	42.4	63.6
119	32.5	25.4	38.2

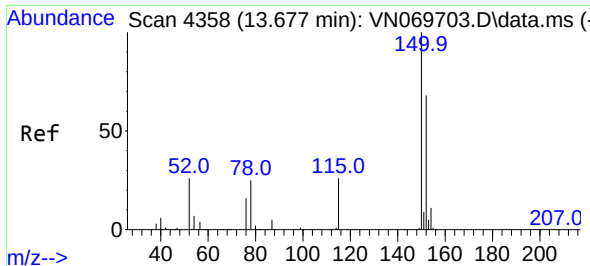


#71
Bromoform
Concen: 2.739 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.005 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion:173 Resp: 136

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.2	72.6
254	0.0	0.0	0.0

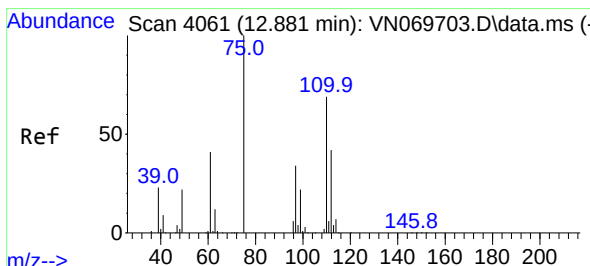
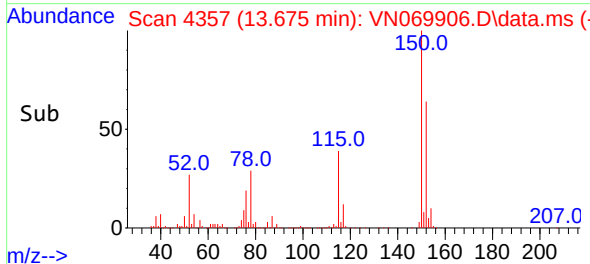
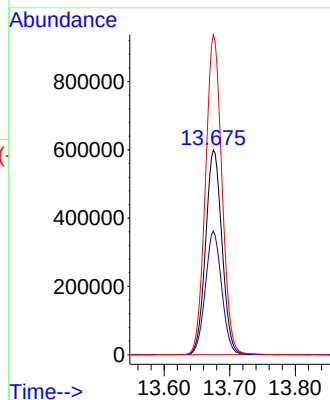
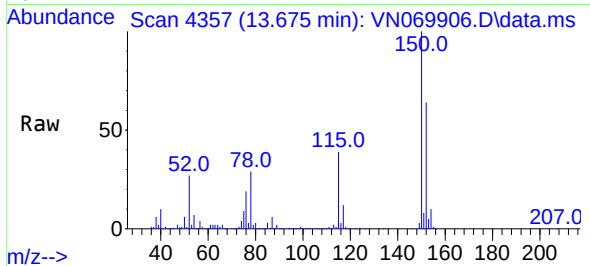




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

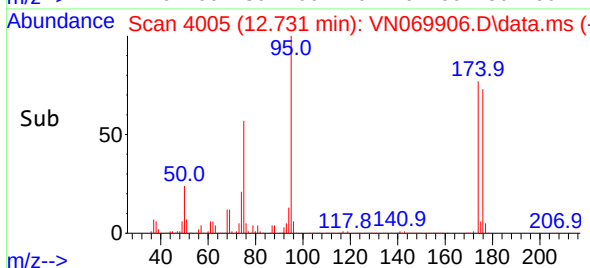
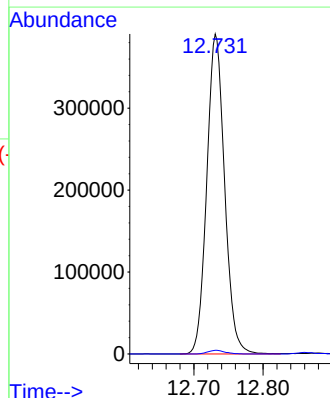
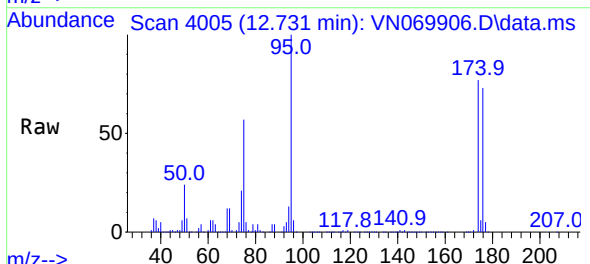
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

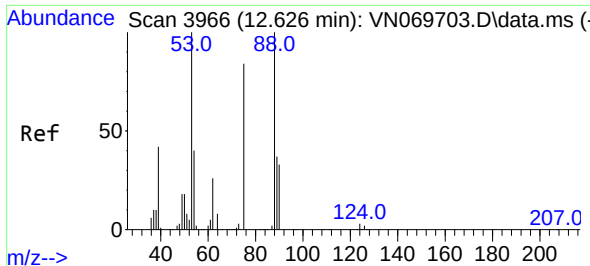
Tgt Ion:152 Resp: 1041808
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 156.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 23.381 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion: 75 Resp: 698543
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

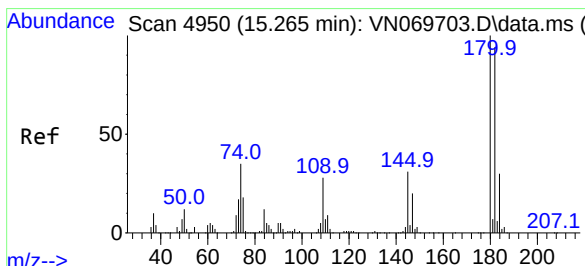
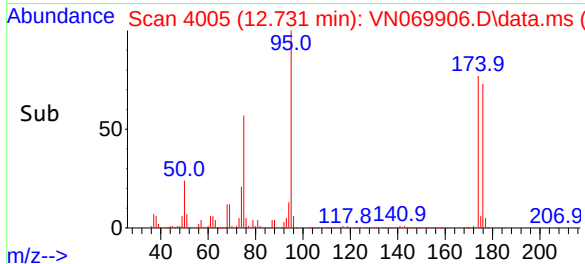
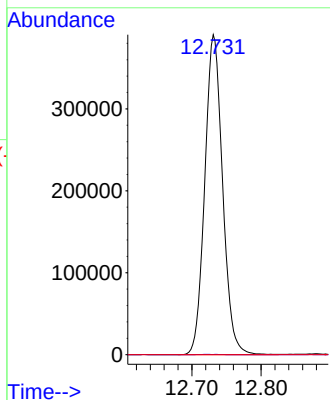
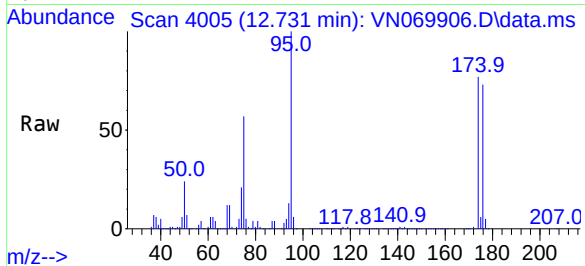




#81
trans-1,4-Dichloro-2-butene
Concen: 74.369 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

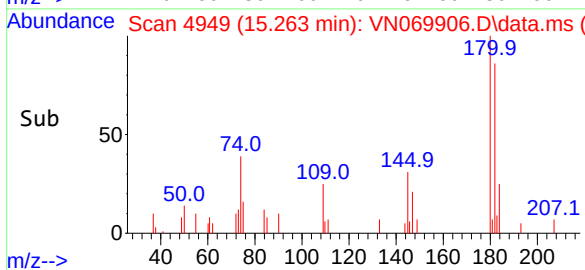
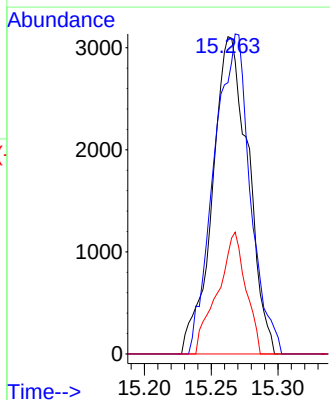
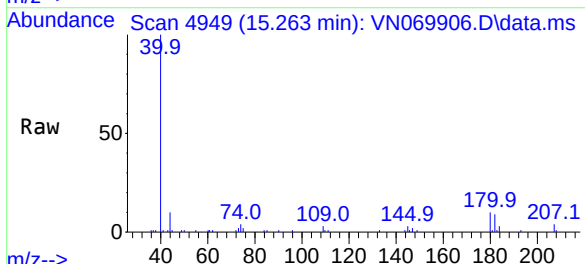
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

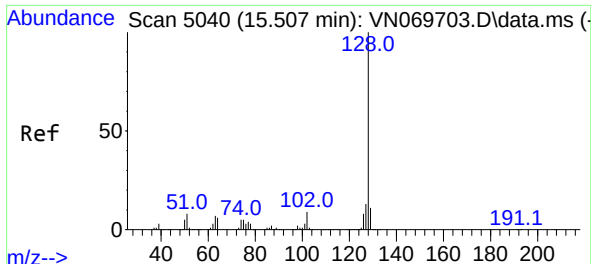
Tgt Ion: 75 Resp: 698543
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.197 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion:180 Resp: 5794
Ion Ratio Lower Upper
180 100
182 101.6 48.3 144.9
145 30.2 14.5 43.5

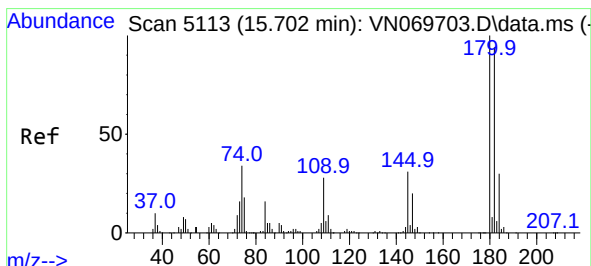
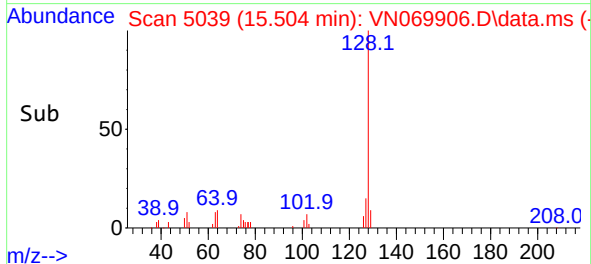
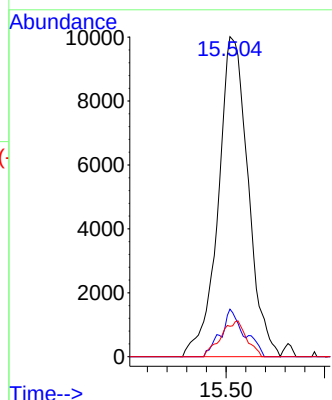
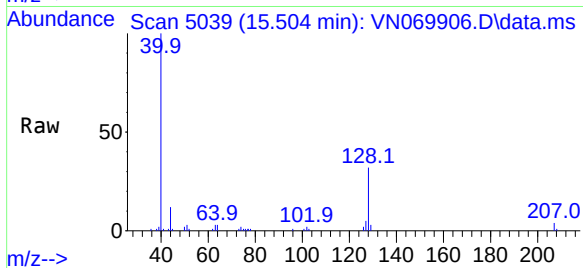




#95
Naphthalene
Concen: 4.366 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

Tgt Ion:128 Resp: 21061
Ion Ratio Lower Upper
128 100
127 9.6 10.5 15.7#
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.771 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069906.D
Acq: 9 Dec 2021 12:46

Tgt Ion:180 Resp: 5866
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.2
145 35.0 15.0 45.1

