

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082153.D
 Acq On : 16 May 2024 11:45
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Quant Time: May 17 02:58:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-8.22
34) 1,4-Difluorobenzene	8.859	114	312431	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	218002	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.782	152	128384	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.359	65	3342	0.000	ug/l	-0.22
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	7.783	113	98142	51.064	ug/l	-0.38
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	10.453	98	370600	50.295	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	=	0.000%#

Target Compounds					Qvalue	
36) 1,1-Dichloropropene	8.018	75	58131	18.034	ug/l	95
37) Ethyl Acetate	7.388	43	24494	6.790	ug/l #	72
38) Carbon Tetrachloride	8.000	117	60617	18.551	ug/l	98
39) Methylcyclohexane	9.400	83	65263	18.471	ug/l #	83
40) Benzene	8.283	78	181794	18.913	ug/l	98
41) Methacrylonitrile	7.324	41	29469	13.890	ug/l	92
42) 1,2-Dichloroethane	8.365	62	70480	19.065	ug/l	94
43) Isopropyl Acetate	8.412	43	121346	18.984	ug/l #	89
44) Trichloroethene	9.130	130	39527	18.103	ug/l	95
45) 1,2-Dichloropropane	9.430	63	47753	19.255	ug/l	98
46) Dibromomethane	9.518	93	30817	18.927	ug/l	99
47) Bromodichloromethane	9.724	83	66066	19.220	ug/l #	98
48) Methyl methacrylate	9.406	41	70079	23.009	ug/l #	46
49) 1,4-Dioxane	9.512	88	16010	375.118	ug/l #	74
51) 4-Methyl-2-Pentanone	10.329	43	347074	95.567	ug/l	89
52) Toluene	10.518	92	111875	19.395	ug/l	99
53) t-1,3-Dichloropropene	10.741	75	69803	19.635	ug/l	99
54) cis-1,3-Dichloropropene	10.182	75	72966	19.390	ug/l #	80
55) 1,1,2-Trichloroethane	10.929	97	40458	19.300	ug/l	98
56) Ethyl methacrylate	10.794	69	70401	19.781	ug/l #	69
57) 1,3-Dichloropropane	11.082	76	74302	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.029	63	191988	104.584	ug/l #	88
59) 2-Hexanone	11.124	43	253390	95.289	ug/l	88
60) Dibromochloromethane	11.288	129	46906	20.276	ug/l	99
61) 1,2-Dibromoethane	11.400	107	40300	18.717	ug/l	98
64) Tetrachloroethene	11.018	164	38837	24.035	ug/l	96
65) Chlorobenzene	11.841	112	116127	24.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.912	131	38919	24.534	ug/l	99
67) Ethyl Benzene	11.918	91	209750	24.347	ug/l	96
68) m/p-Xylenes	12.029	106	151127	47.863	ug/l	90
69) o-Xylene	12.365	106	73972	24.185	ug/l	91
70) Styrene	12.376	104	123652	24.339	ug/l	94
71) Bromoform	12.547	173	28226	22.759	ug/l #	97
73) Isopropylbenzene	12.670	105	193010	18.924	ug/l	98
74) N-amyl acetate	12.470	43	103166	18.389	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.918	83	55948	19.029	ug/l	95

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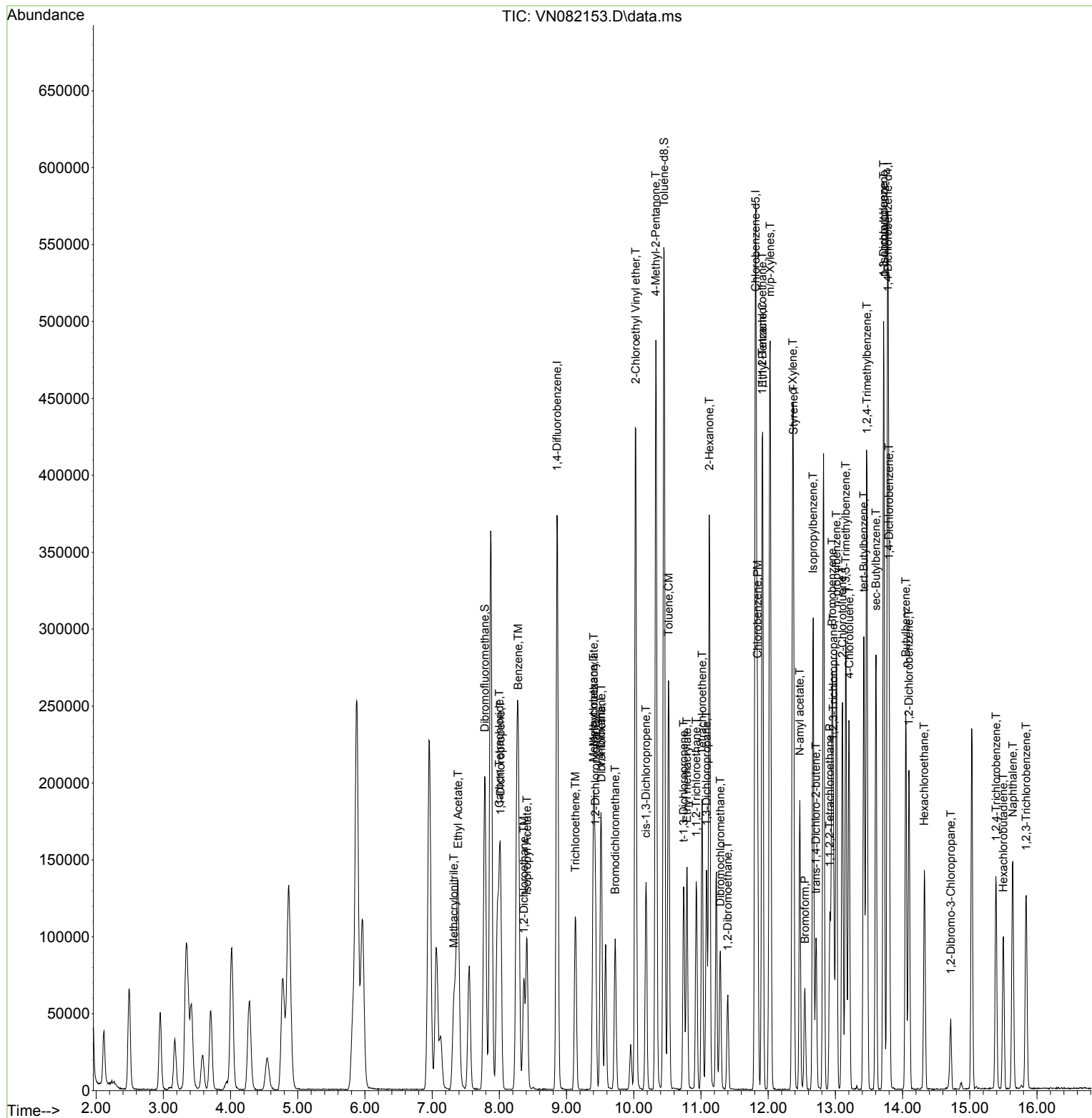
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.970	75	76811	28.426	ug/l	68
77) Bromobenzene	12.953	156	45089	18.550	ug/l	86
78) n-propylbenzene	13.018	91	225909	18.705	ug/l	96
79) 2-Chlorotoluene	13.106	91	139132	18.345	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	157212	19.063	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.712	75	20629	17.856	ug/l #	82
82) 4-Chlorotoluene	13.206	91	140237	18.912	ug/l	93
83) tert-Butylbenzene	13.423	119	131520	18.229	ug/l	92
84) 1,2,4-Trimethylbenzene	13.470	105	162506	19.260	ug/l	97
85) sec-Butylbenzene	13.606	105	187491	18.748	ug/l	97
86) p-Isopropyltoluene	13.717	119	157266	19.350	ug/l	98
87) 1,3-Dichlorobenzene	13.717	146	80403	18.258	ug/l	98
88) 1,4-Dichlorobenzene	13.800	146	83439	18.565	ug/l	98
89) n-Butylbenzene	14.047	91	136677	18.710	ug/l	98
90) Hexachloroethane	14.323	117	27735	18.418	ug/l	97
91) 1,2-Dichlorobenzene	14.094	146	81627	19.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11238	18.604	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	42419	18.155	ug/l	97
94) Hexachlorobutadiene	15.500	225	18594	18.136	ug/l	97
95) Naphthalene	15.641	128	133123	18.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42913	18.347	ug/l	99

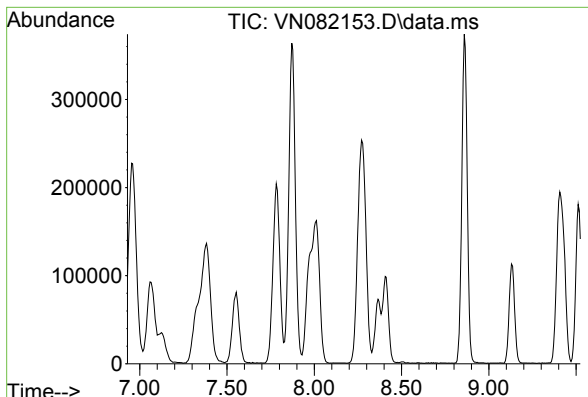
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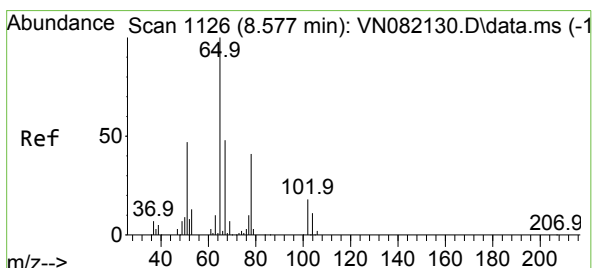
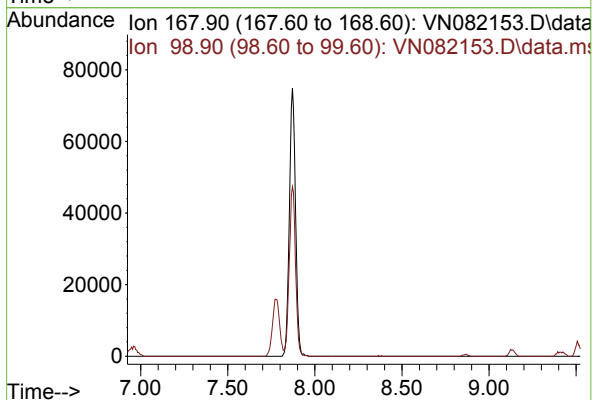




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.22 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

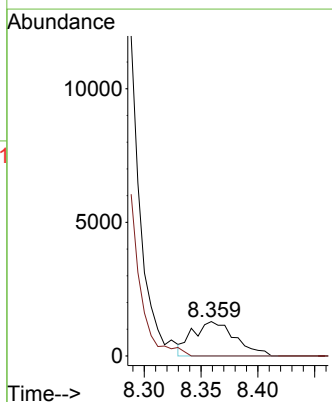
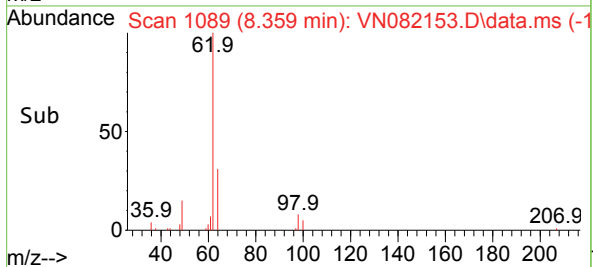
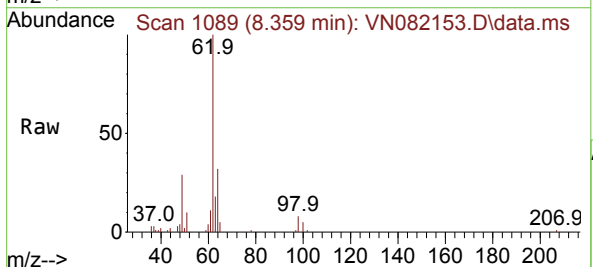
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

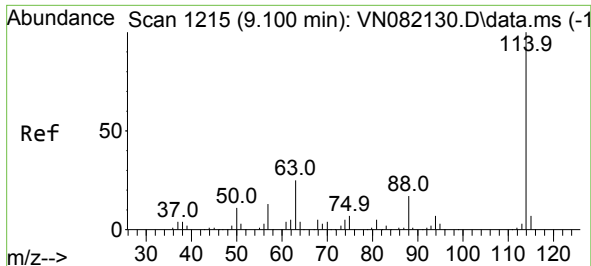
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 60.3



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.359 min Scan# 1089
 Delta R.T. -0.218 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

Tgt Ion: 65 Resp: 3342
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.859 min Scan# 1174

Delta R.T. -0.241 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

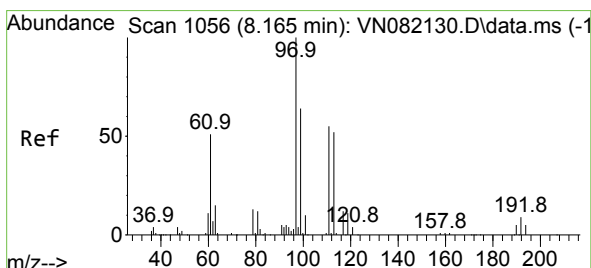
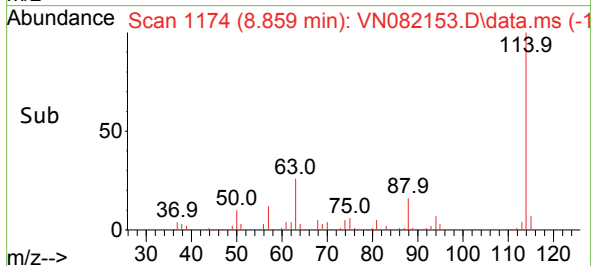
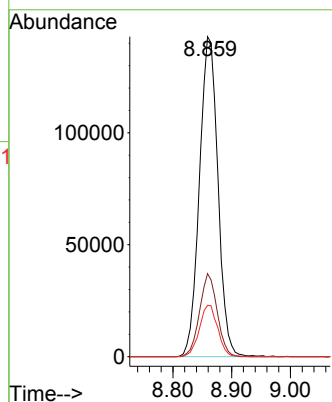
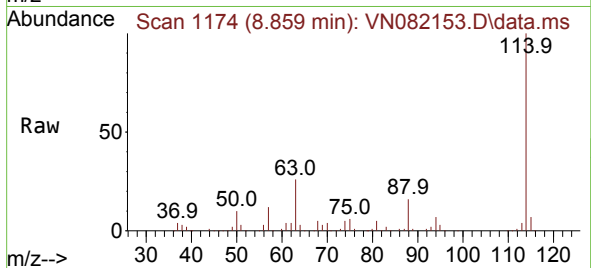
Tgt Ion:114 Resp: 312431

Ion Ratio Lower Upper

114 100

63 26.0 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 7.783 min Scan# 991

Delta R.T. -0.382 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

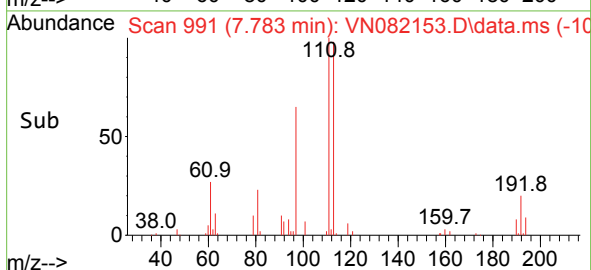
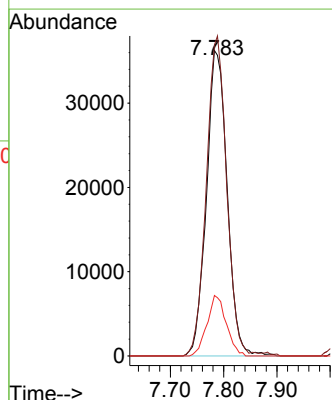
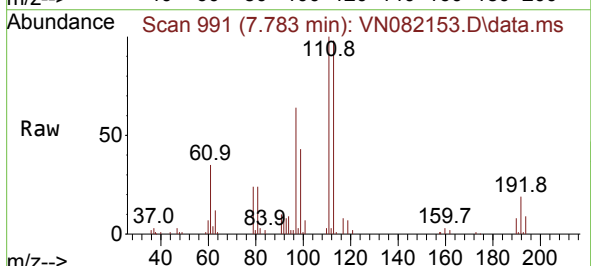
Tgt Ion:113 Resp: 98142

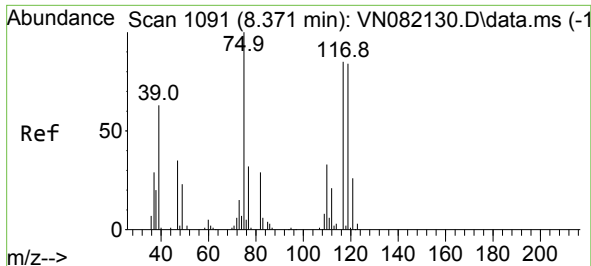
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 18.4 14.0 21.0





#36

1,1-Dichloropropene

Concen: 18.034 ug/l

RT: 8.018 min Scan# 1031

Delta R.T. -0.353 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

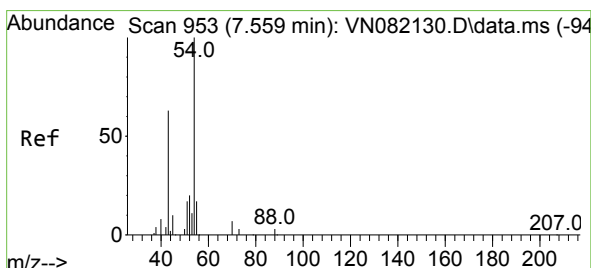
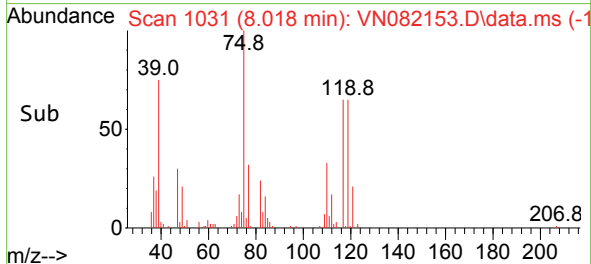
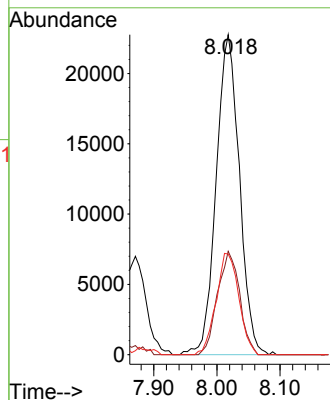
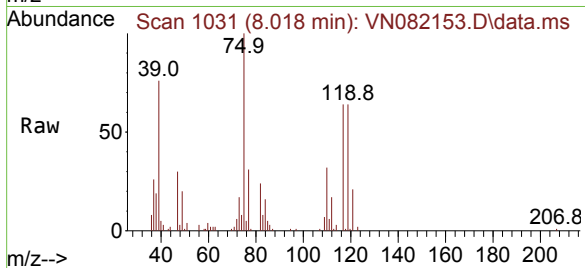
Tgt Ion: 75 Resp: 58131

Ion Ratio Lower Upper

75 100

110 30.8 17.8 53.5

77 31.0 25.0 37.4



#37

Ethyl Acetate

Concen: 6.790 ug/l

RT: 7.388 min Scan# 924

Delta R.T. -0.171 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

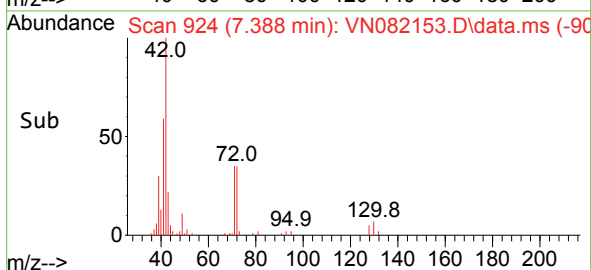
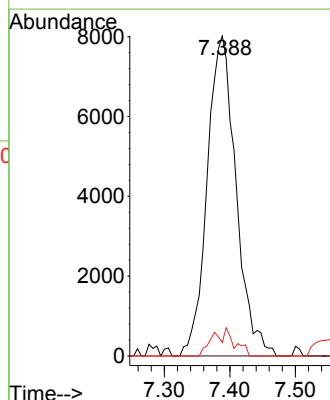
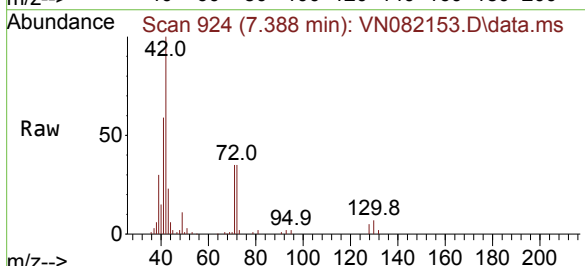
Tgt Ion: 43 Resp: 24494

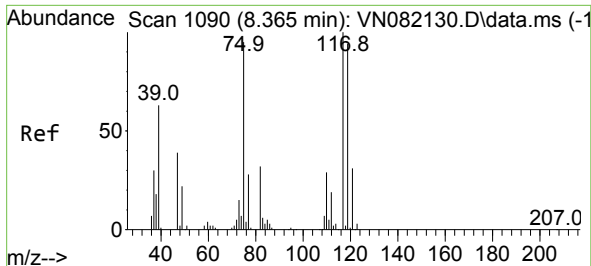
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

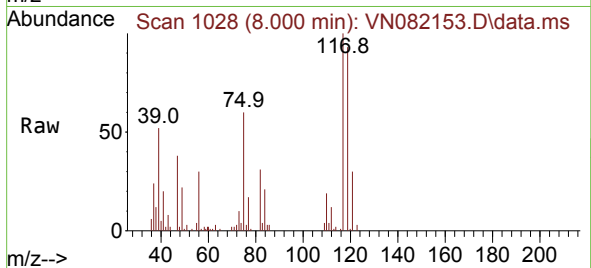
70 3.3 8.7 13.1#



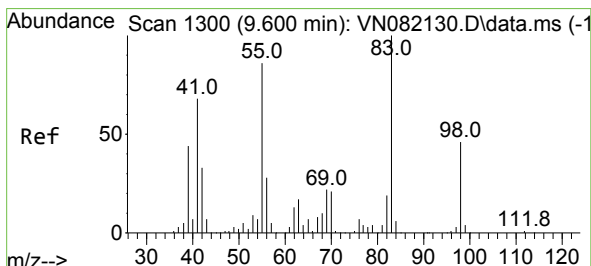
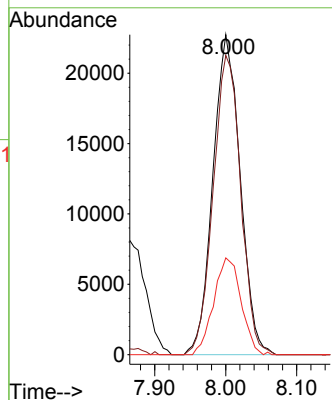
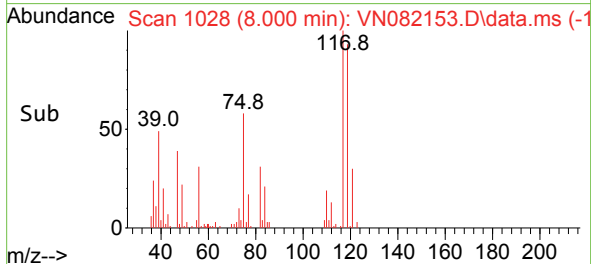


#38
Carbon Tetrachloride
Concen: 18.551 ug/l
RT: 8.000 min Scan# 110
Delta R.T. -0.365 min
Lab File: VN082153.D
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Instrument :
MSVOA_N
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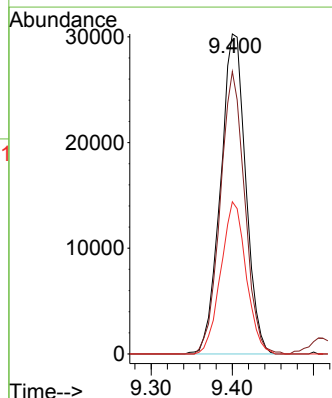
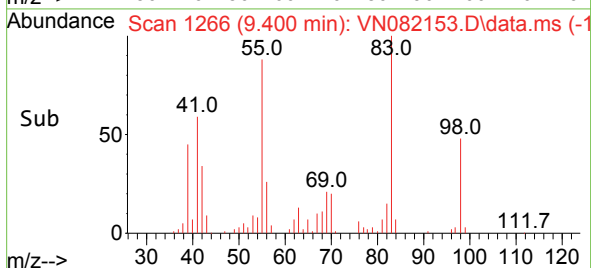
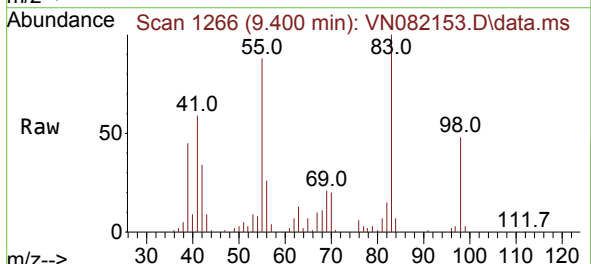


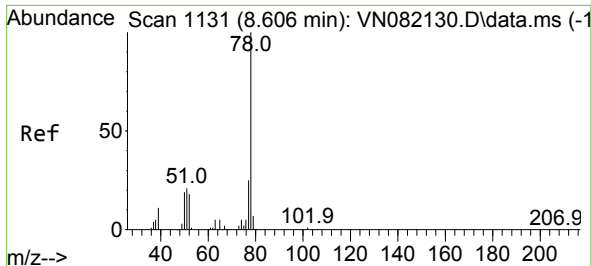
Tgt Ion:117 Resp: 60617
Ion Ratio Lower Upper
117 100
119 93.5 76.5 114.7
121 30.2 23.9 35.9



#39
Methylcyclohexane
Concen: 18.471 ug/l
RT: 9.400 min Scan# 1266
Delta R.T. -0.200 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 83 Resp: 65263
Ion Ratio Lower Upper
83 100
55 88.3 53.0 79.6#
98 47.5 37.1 55.7

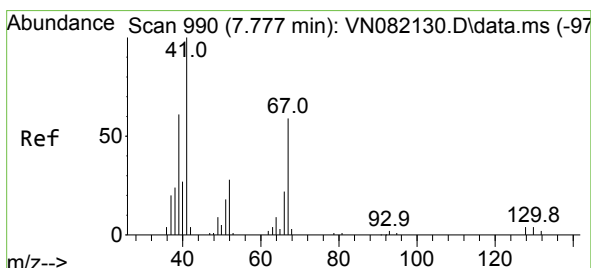
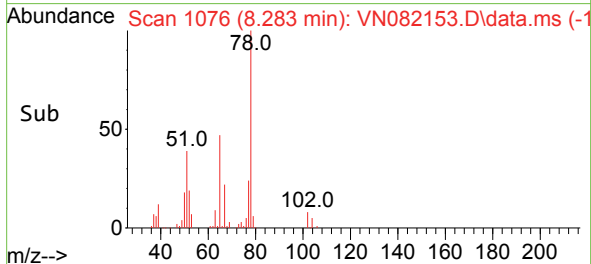
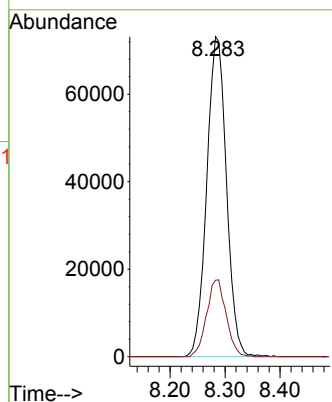
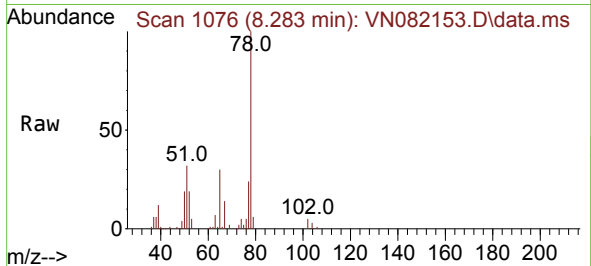




#40
Benzene
Concen: 18.913 ug/l
RT: 8.283 min Scan# 1076
Delta R.T. -0.324 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

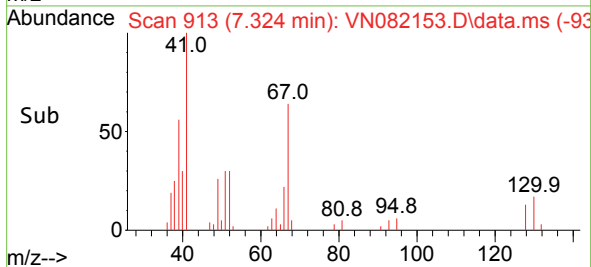
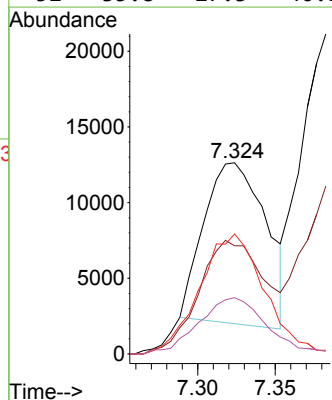
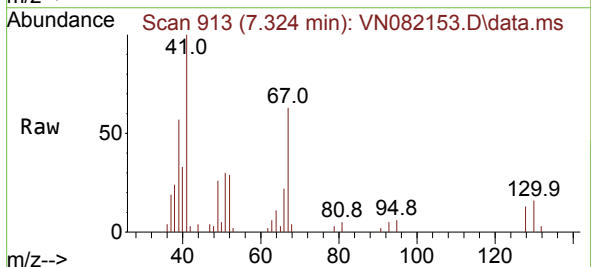
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MSVOA_N
ClientSampleId :
VN0516WBSD01

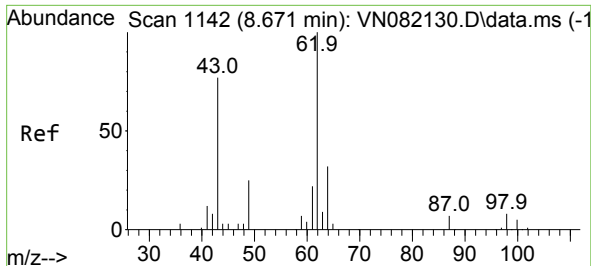
Tgt Ion: 78 Resp: 181794
Ion Ratio Lower Upper
78 100
77 23.9 20.0 30.0



#41
Methacrylonitrile
Concen: 13.890 ug/l
RT: 7.324 min Scan# 913
Delta R.T. -0.453 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 41 Resp: 29469
Ion Ratio Lower Upper
41 100
39 53.0 46.6 69.8
67 73.7 67.3 100.9
52 35.8 27.3 40.9





#42

1,2-Dichloroethane

Concen: 19.065 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.306 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

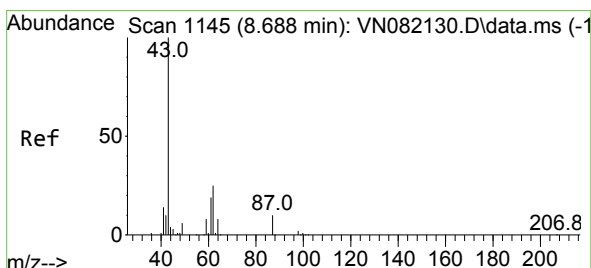
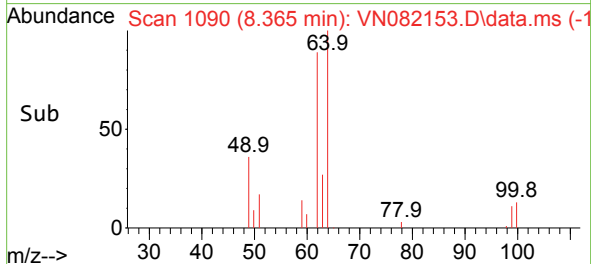
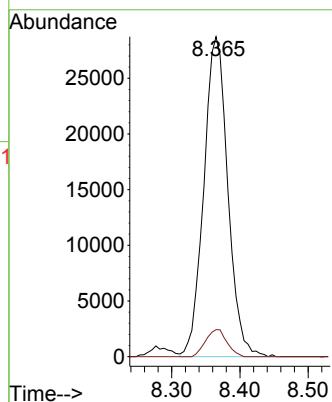
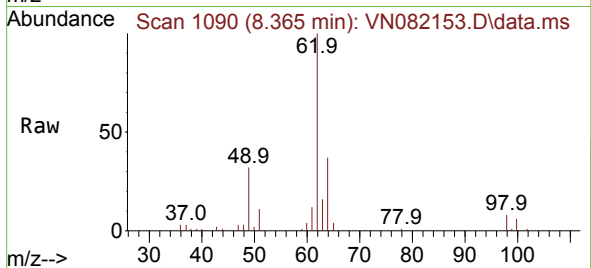
VN0516WBSD01

Tgt Ion: 62 Resp: 70480

Ion Ratio Lower Upper

62 100

98 7.5 0.0 19.6



#43

Isopropyl Acetate

Concen: 18.984 ug/l

RT: 8.412 min Scan# 1098

Delta R.T. -0.277 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

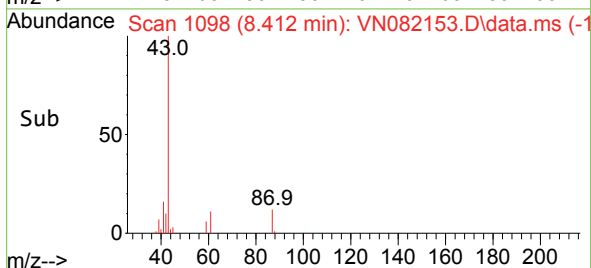
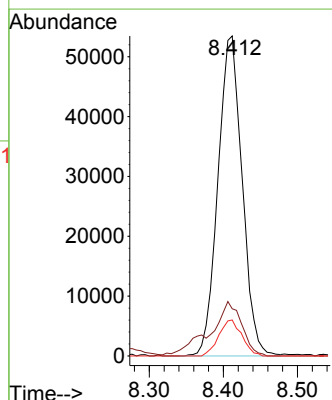
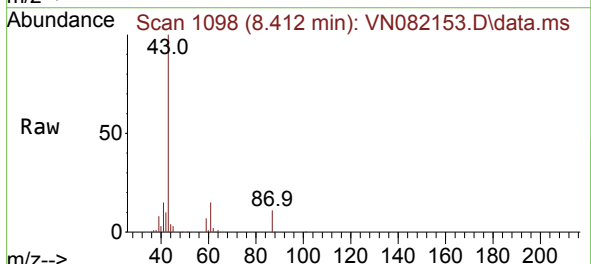
Tgt Ion: 43 Resp: 121346

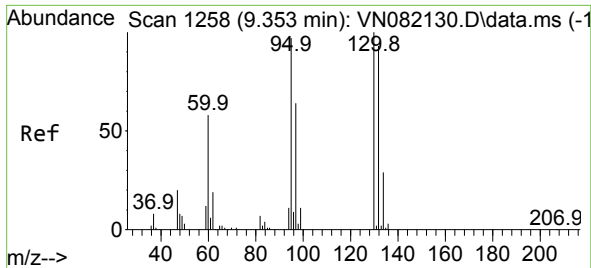
Ion Ratio Lower Upper

43 100

61 22.5 22.8 34.2#

87 10.7 12.0 18.0#

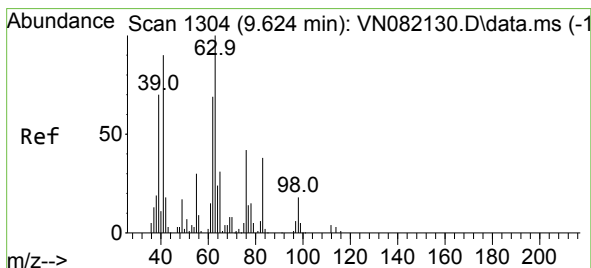
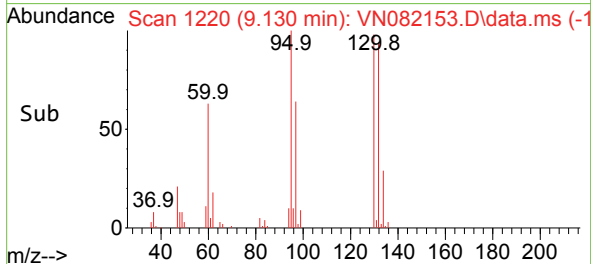
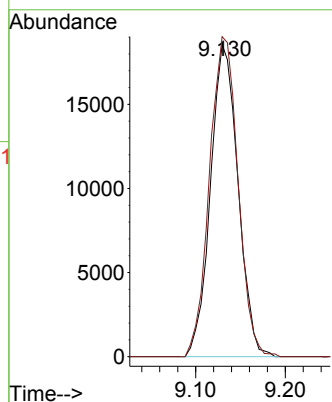
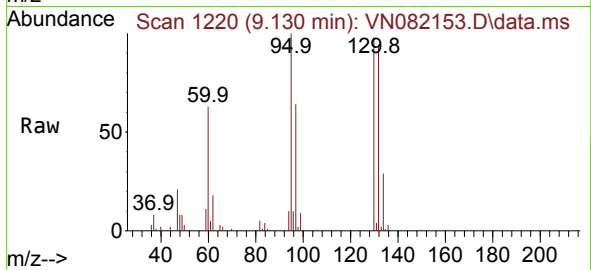




#44
Trichloroethene
Concen: 18.103 ug/l
RT: 9.130 min Scan# 11
Delta R.T. -0.224 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

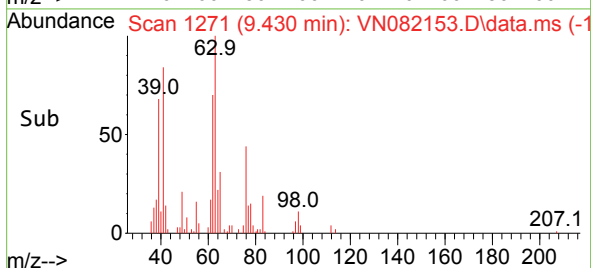
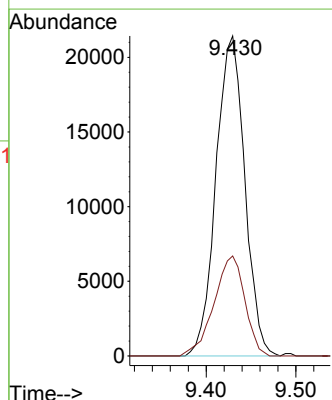
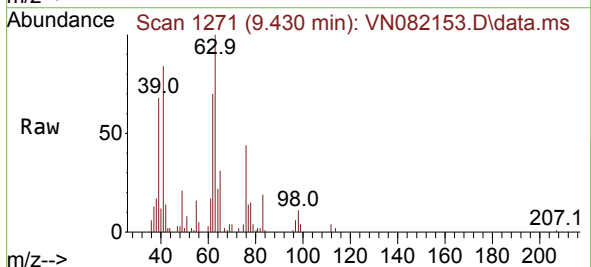
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

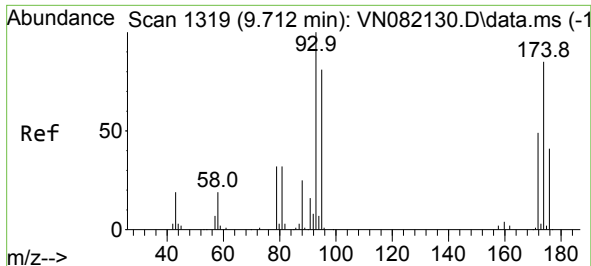
Tgt Ion:130 Resp: 39527
Ion Ratio Lower Upper
130 100
95 102.5 0.0 195.4



#45
1,2-Dichloropropane
Concen: 19.255 ug/l
RT: 9.430 min Scan# 1271
Delta R.T. -0.194 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 63 Resp: 47753
Ion Ratio Lower Upper
63 100
65 31.2 24.1 36.1

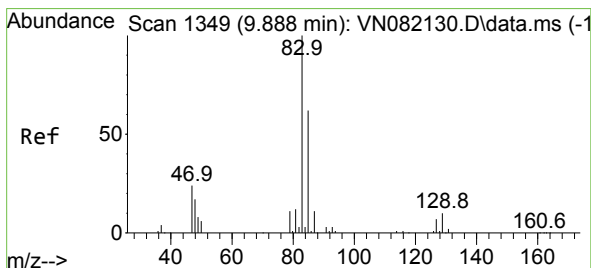
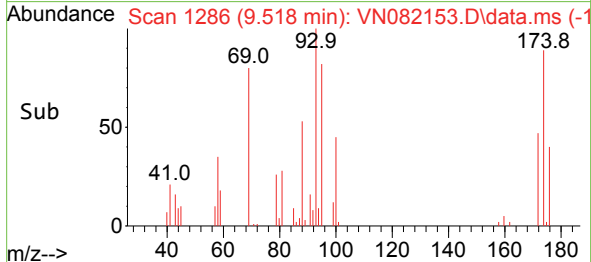
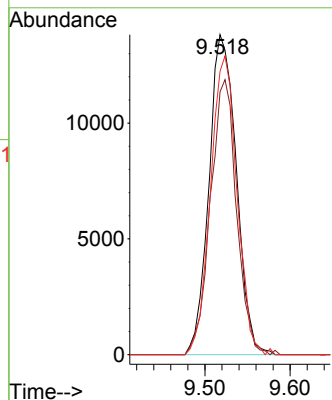
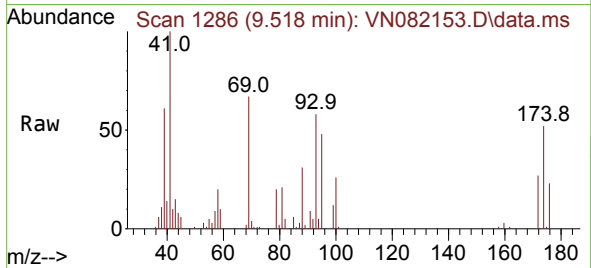




#46
Dibromomethane
Concen: 18.927 ug/l
RT: 9.518 min Scan# 1319
Delta R.T. -0.194 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

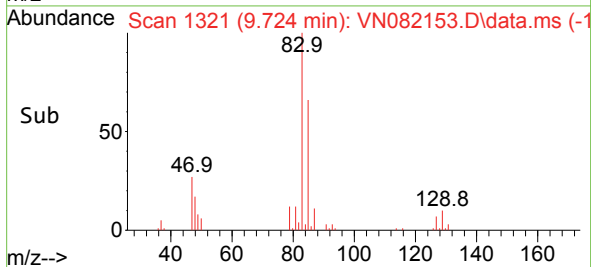
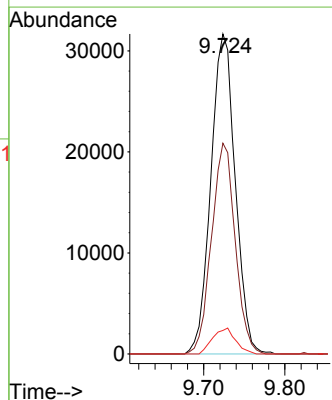
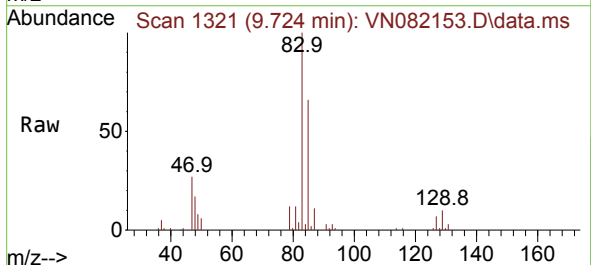
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

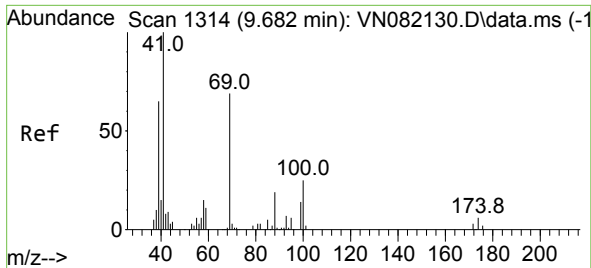
Tgt Ion: 93 Resp: 30817
Ion Ratio Lower Upper
93 100
95 82.0 64.8 97.2
174 90.5 73.4 110.0



#47
Bromodichloromethane
Concen: 19.220 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. -0.165 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 83 Resp: 66066
Ion Ratio Lower Upper
83 100
85 65.8 51.9 77.9
127 7.4 7.5 11.3#

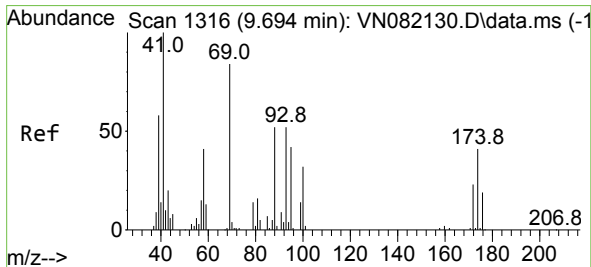
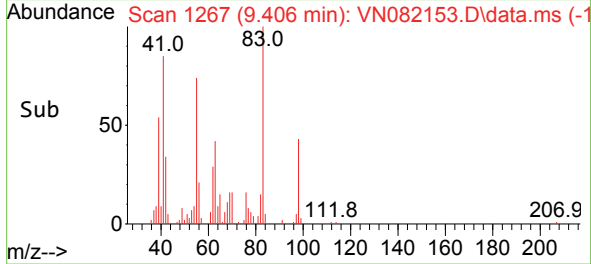
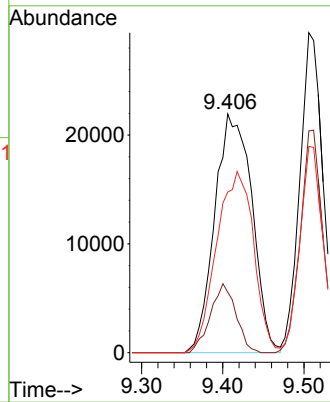
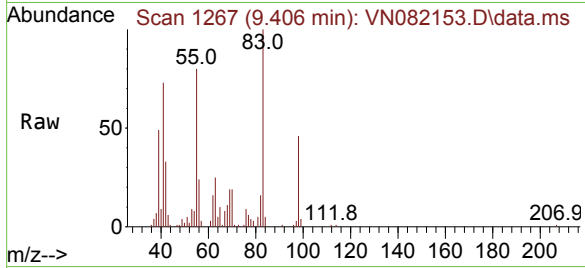




#48
Methyl methacrylate
Concen: 23.009 ug/l
RT: 9.406 min Scan# 11
Delta R.T. -0.277 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

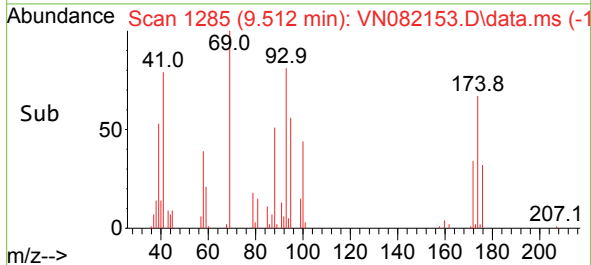
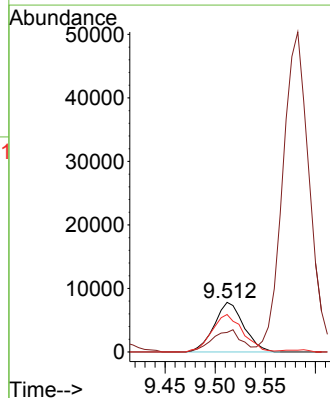
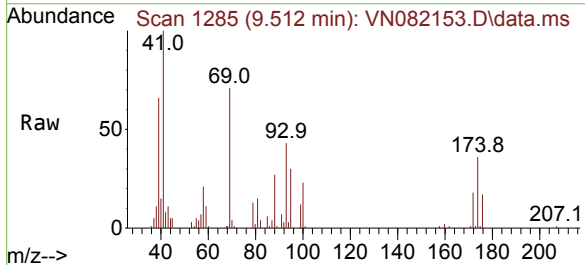
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

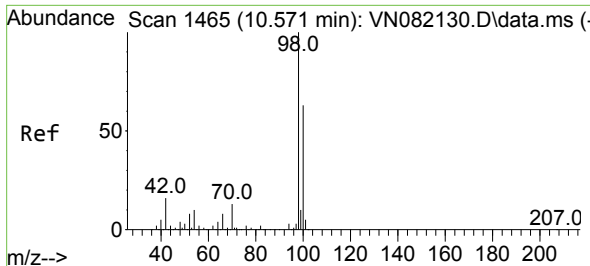
Tgt Ion: 41 Resp: 70079
Ion Ratio Lower Upper
41 100
69 19.8 77.9 116.9#
39 75.3 50.9 76.3



#49
1,4-Dioxane
Concen: 375.118 ug/l
RT: 9.512 min Scan# 1285
Delta R.T. -0.182 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 88 Resp: 16010
Ion Ratio Lower Upper
88 100
43 43.1 19.0 28.6#
58 79.4 50.6 76.0#

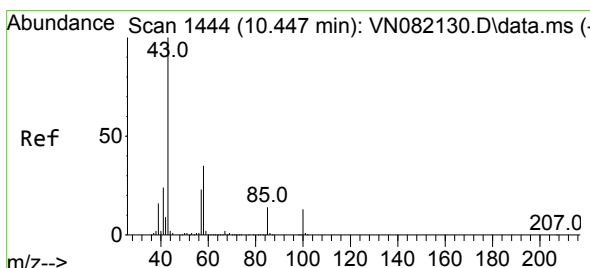
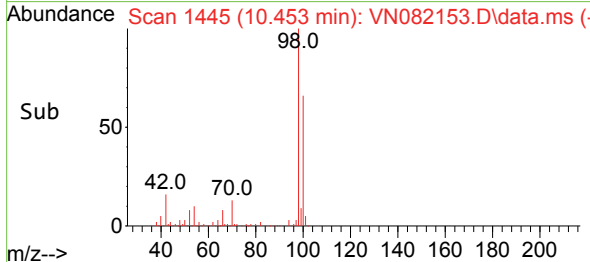
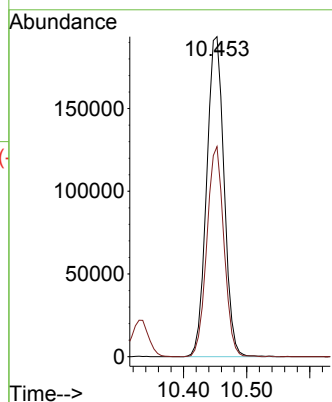
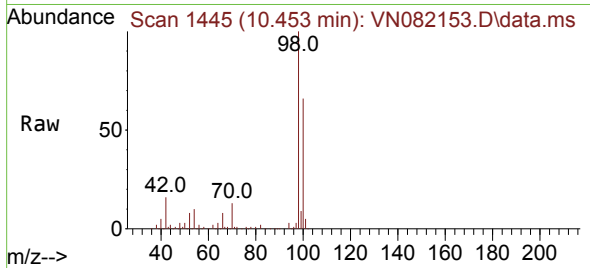




#50
Toluene-d8
Concen: 50.295 ug/l
RT: 10.453 min Scan# 1465
Delta R.T. -0.118 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

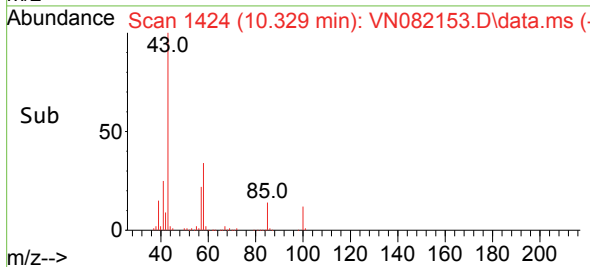
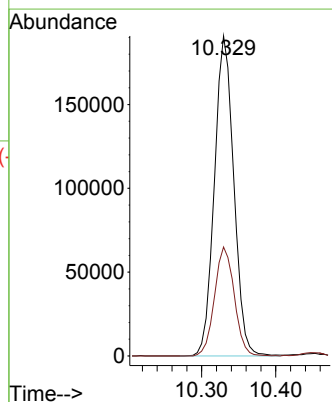
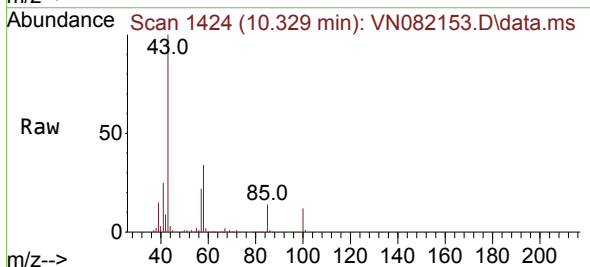
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

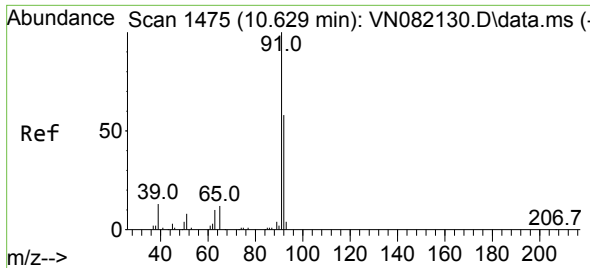
Tgt Ion: 98 Resp: 370600
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 95.567 ug/l
RT: 10.329 min Scan# 1424
Delta R.T. -0.118 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 43 Resp: 347074
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8

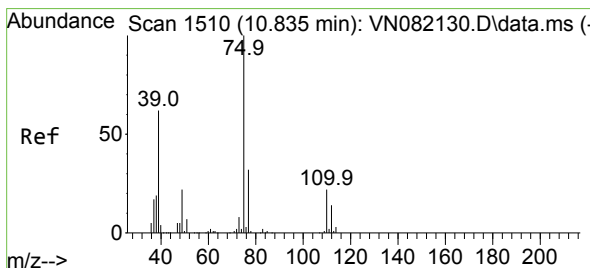
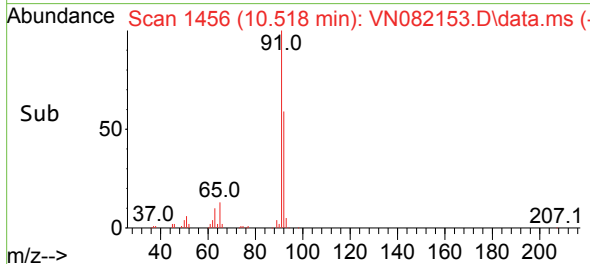
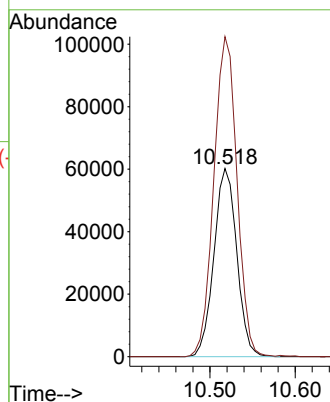
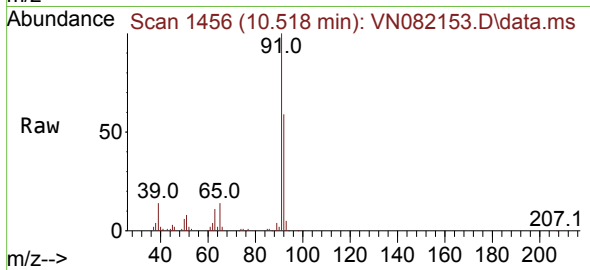




#52
Toluene
Concen: 19.395 ug/l
RT: 10.518 min Scan# 1475
Delta R.T. -0.112 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

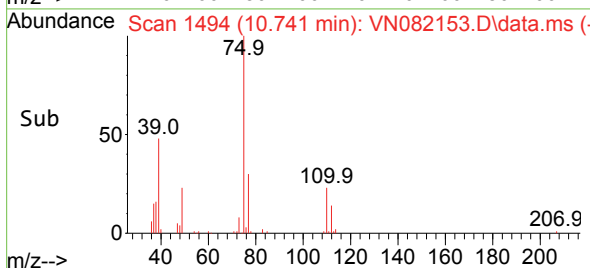
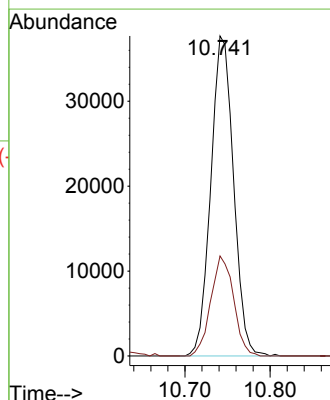
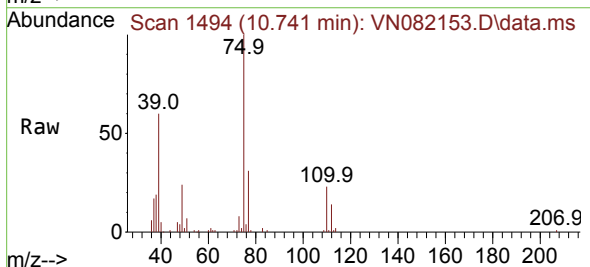
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

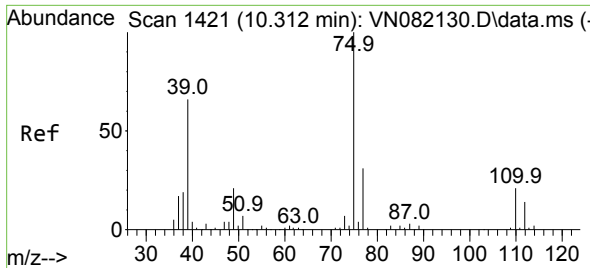
Tgt Ion: 92 Resp: 111875
Ion Ratio Lower Upper
92 100
91 172.8 136.7 205.1



#53
t-1,3-Dichloropropene
Concen: 19.635 ug/l
RT: 10.741 min Scan# 1494
Delta R.T. -0.094 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 75 Resp: 69803
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

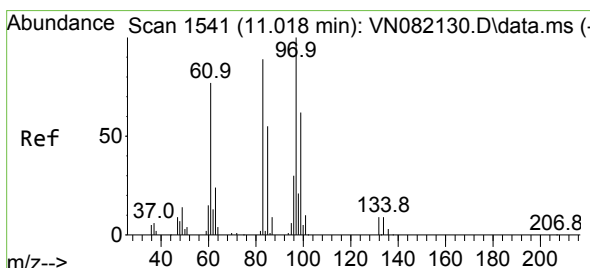
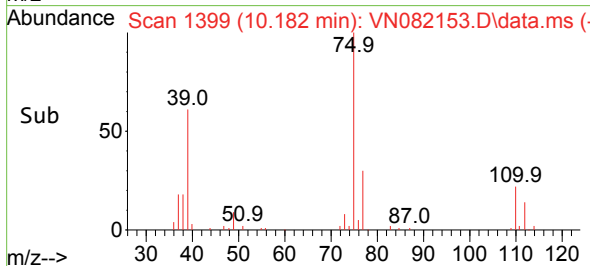
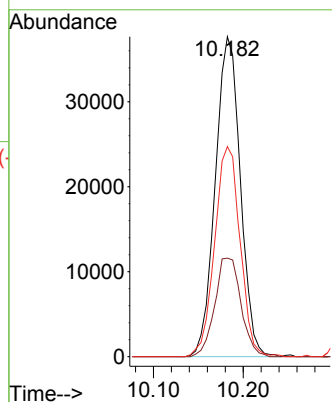
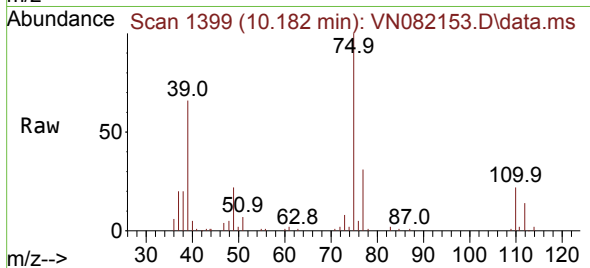




#54
 cis-1,3-Dichloropropene
 Concen: 19.390 ug/l
 RT: 10.182 min Scan# 11
 Delta R.T. -0.129 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

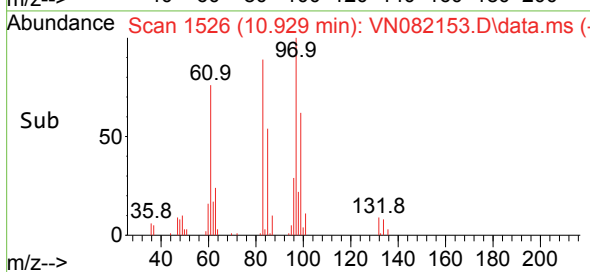
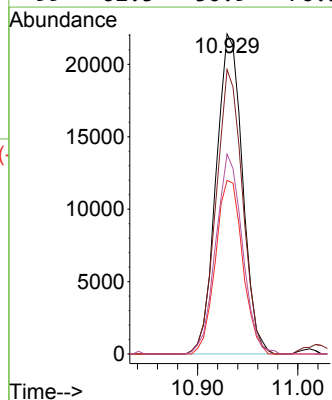
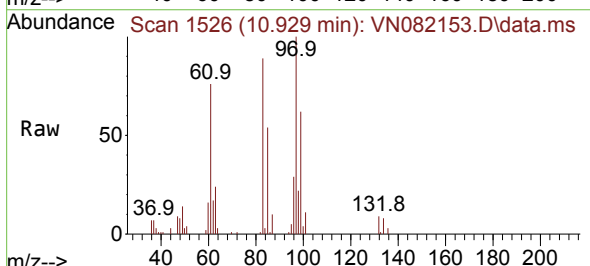
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

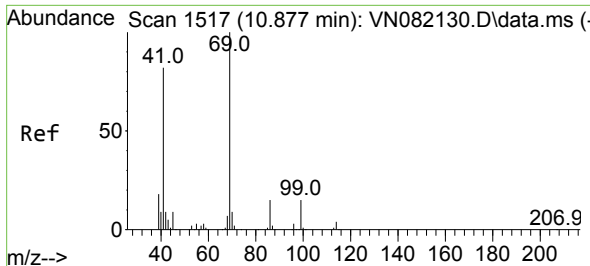
Tgt Ion: 75 Resp: 72966
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4
 39 65.6 34.8 52.2#



#55
 1,1,2-Trichloroethane
 Concen: 19.300 ug/l
 RT: 10.929 min Scan# 1526
 Delta R.T. -0.088 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

Tgt Ion: 97 Resp: 40458
 Ion Ratio Lower Upper
 97 100
 83 88.9 70.4 105.6
 85 54.3 45.6 68.4
 99 62.5 50.9 76.3

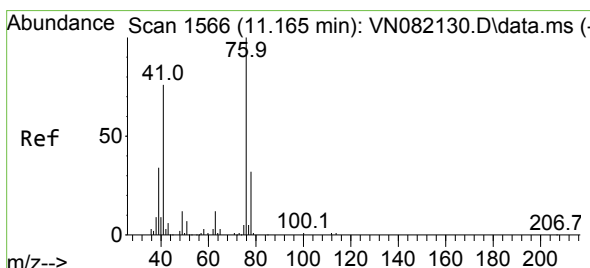
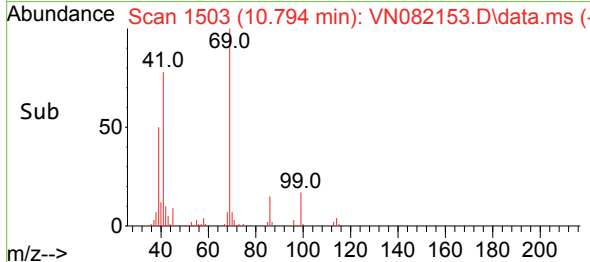
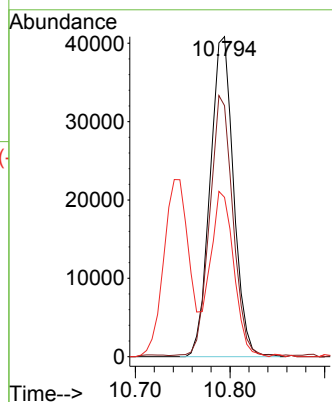
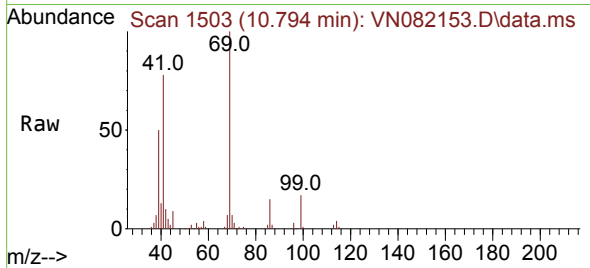




#56
Ethyl methacrylate
Concen: 19.781 ug/l
RT: 10.794 min Scan# 1503
Delta R.T. -0.082 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

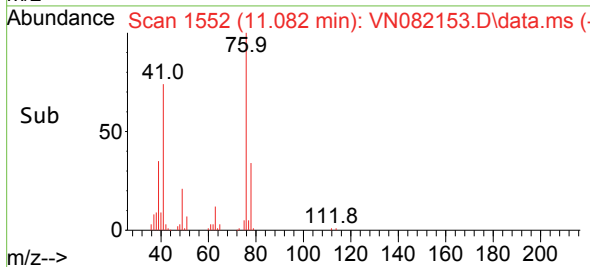
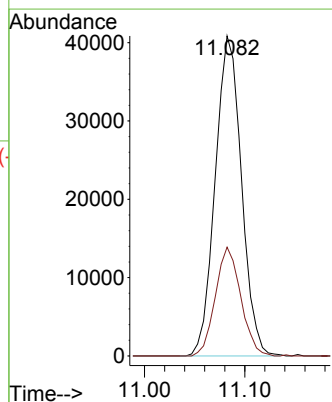
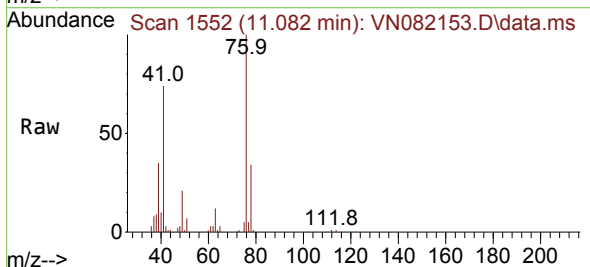
Instrument :
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ClientSampleId :
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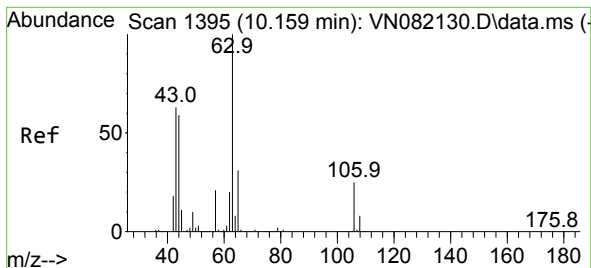
Tgt Ion: 69 Resp: 70401
Ion Ratio Lower Upper
69 100
41 80.0 46.6 70.0#
39 52.9 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 18.957 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.082 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 76 Resp: 74302
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

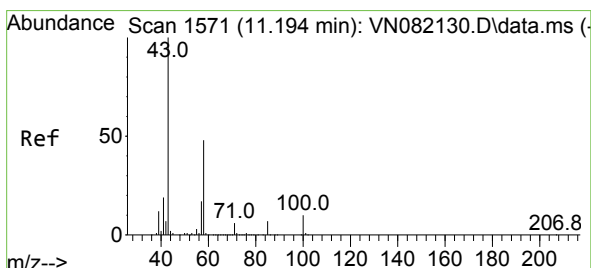
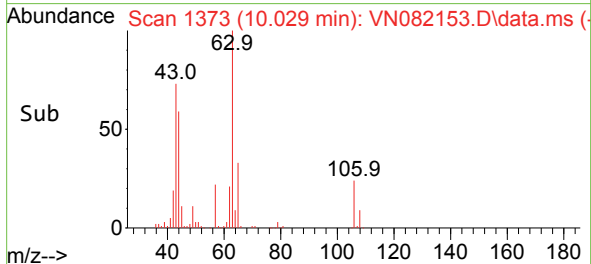
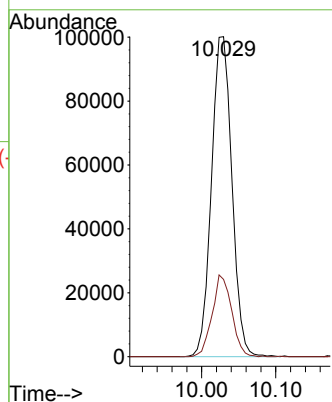
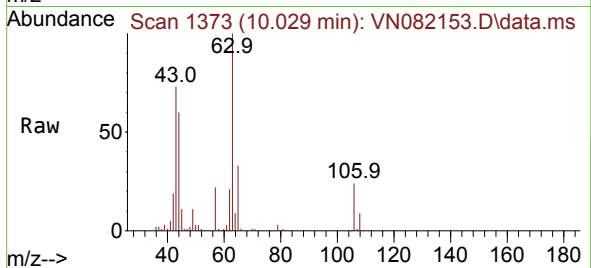




#58
2-Chloroethyl Vinyl ether
Concen: 104.584 ug/l
RT: 10.029 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

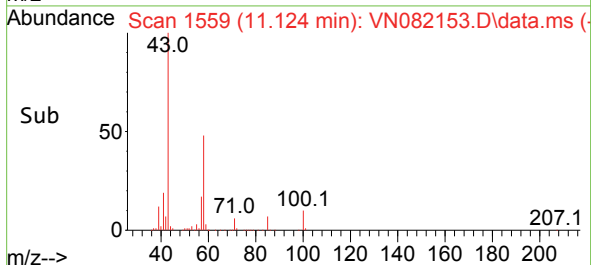
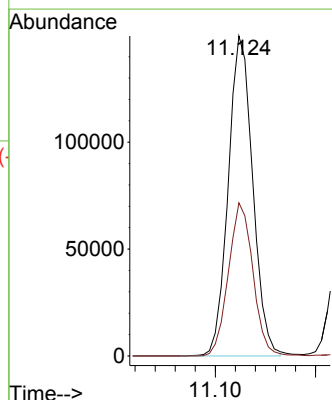
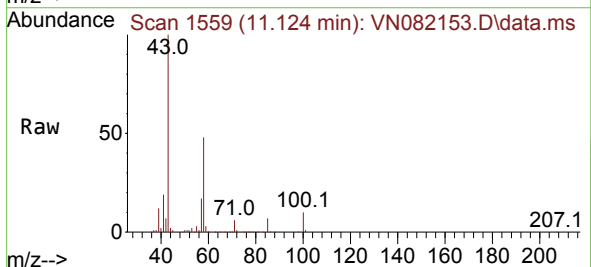
Instrument :
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ClientSampleId :
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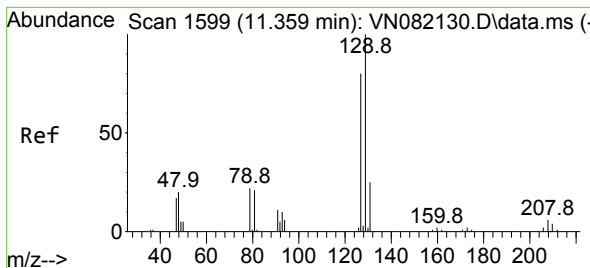
Tgt Ion: 63 Resp: 191988
Ion Ratio Lower Upper
63 100
106 24.3 24.6 36.8#



#59
2-Hexanone
Concen: 95.289 ug/l
RT: 11.124 min Scan# 1559
Delta R.T. -0.071 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 43 Resp: 253390
Ion Ratio Lower Upper
43 100
58 47.7 28.3 84.9

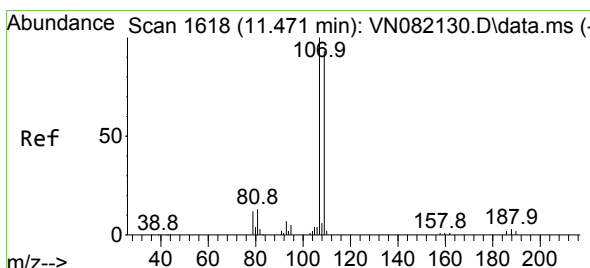
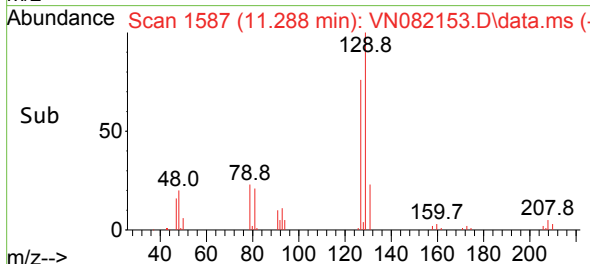
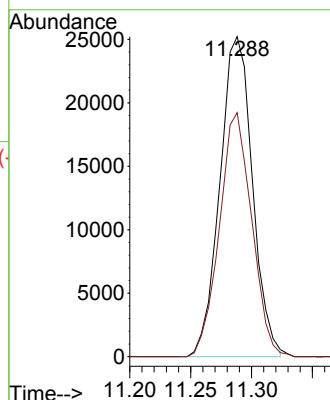
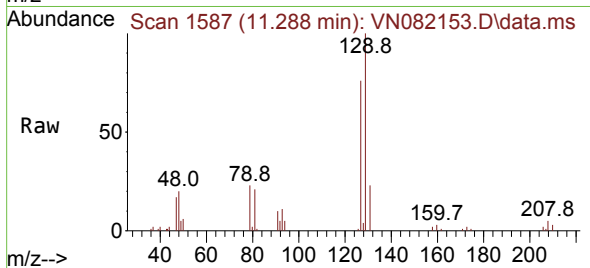




#60
Dibromochloromethane
Concen: 20.276 ug/l
RT: 11.288 min Scan# 11
Delta R.T. -0.071 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

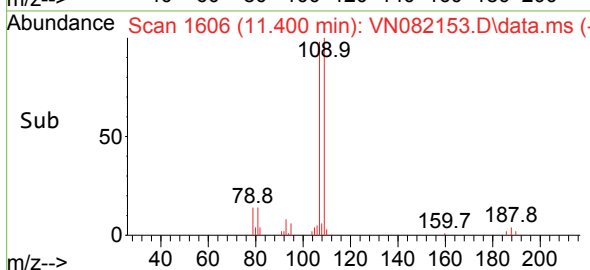
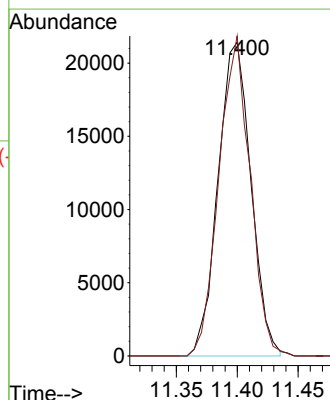
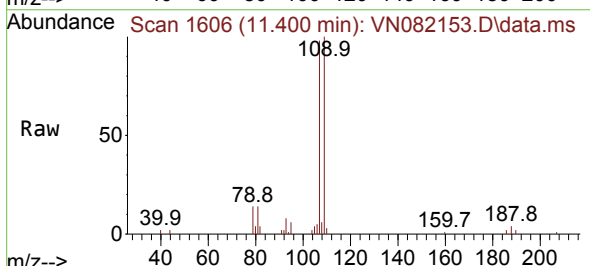
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

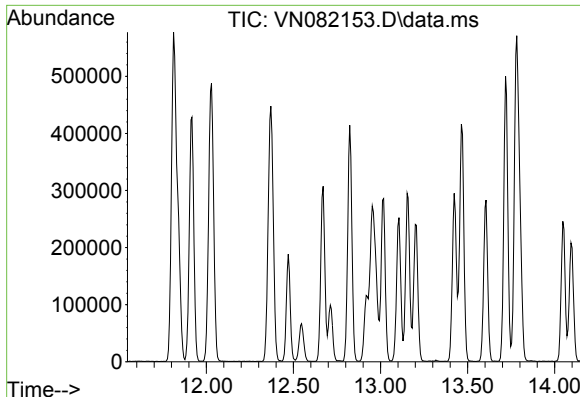
Tgt Ion:129 Resp: 46906
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8



#61
1,2-Dibromoethane
Concen: 18.717 ug/l
RT: 11.400 min Scan# 1606
Delta R.T. -0.071 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion:107 Resp: 40300
Ion Ratio Lower Upper
107 100
109 96.3 75.8 113.6



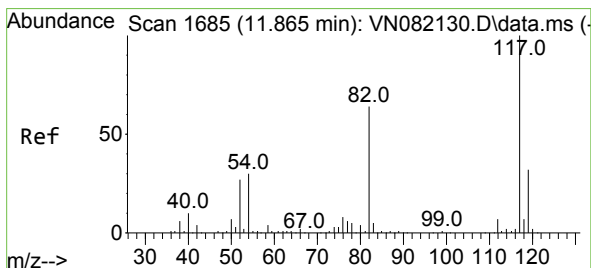
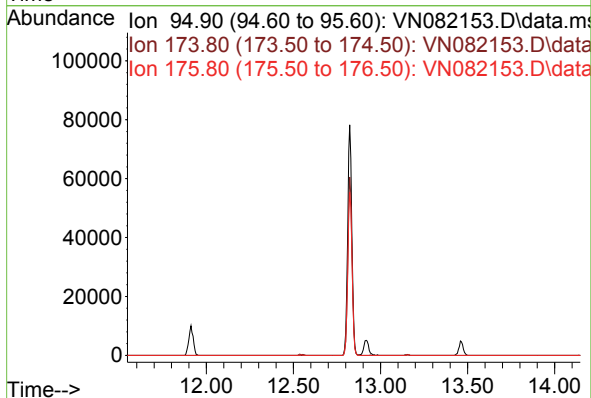


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN082153.D
Acq: 16 May 2024 11:45

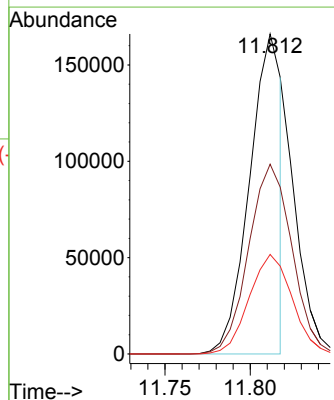
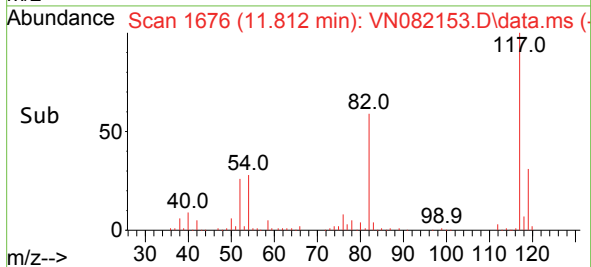
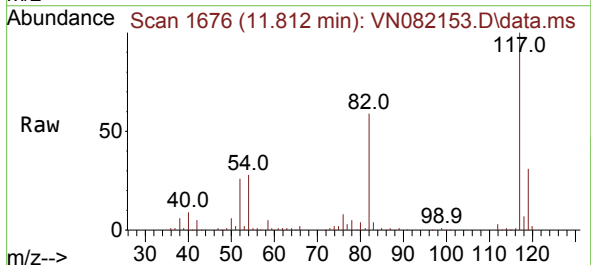
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

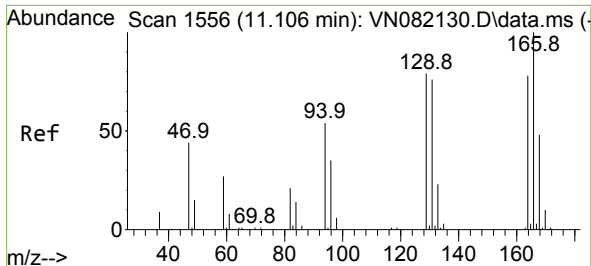
Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.3
176 76.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.812 min Scan# 1676
Delta R.T. -0.053 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 117 Resp: 218002
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 31.1 25.9 38.9

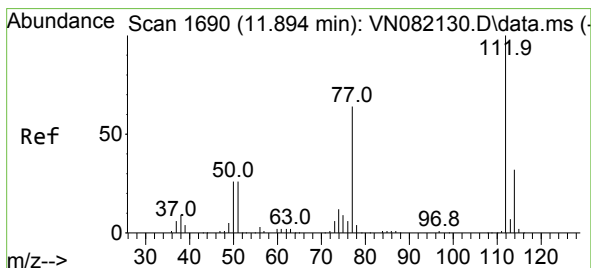
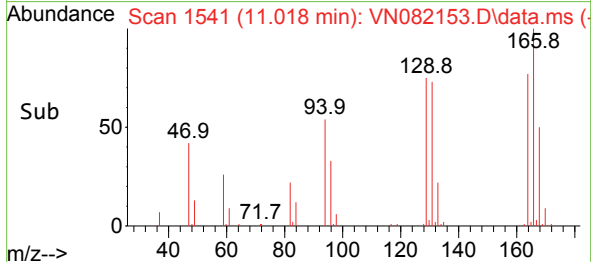
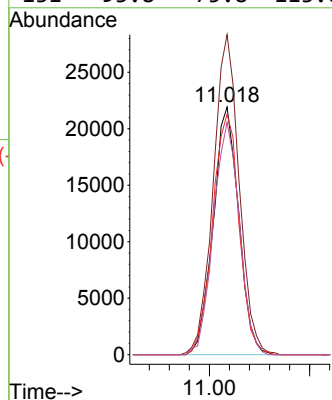
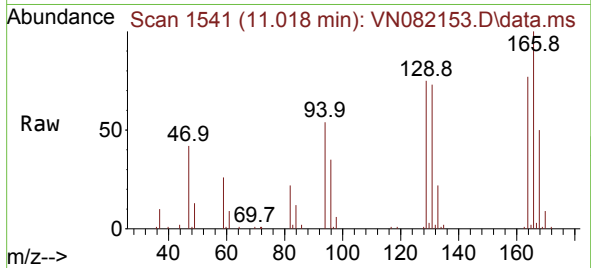




#64
Tetrachloroethene
Concen: 24.035 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.088 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

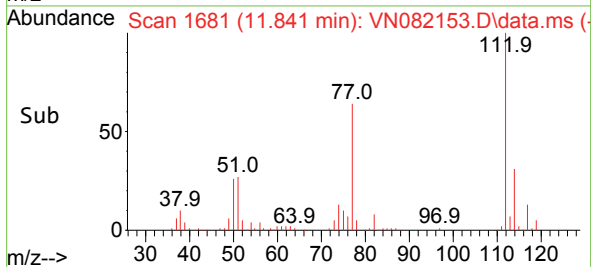
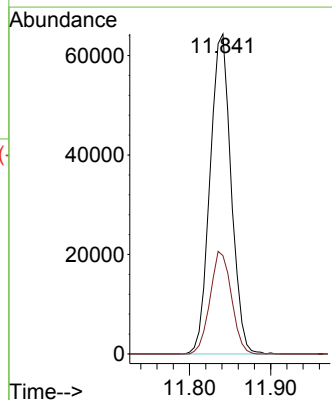
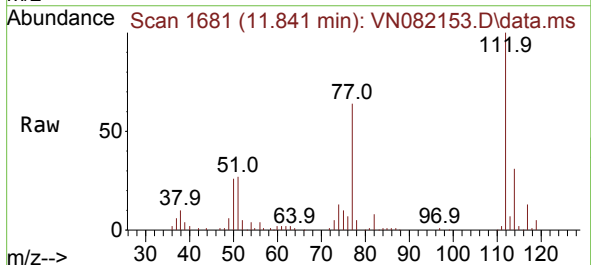
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

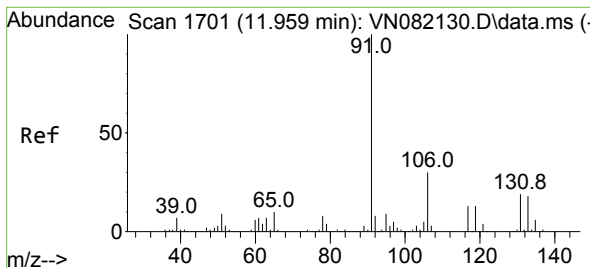
Tgt Ion:164 Resp: 38837
Ion Ratio Lower Upper
164 100
166 129.3 97.6 146.4
129 97.2 73.7 110.5
131 93.8 75.8 113.6



#65
Chlorobenzene
Concen: 24.113 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.053 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

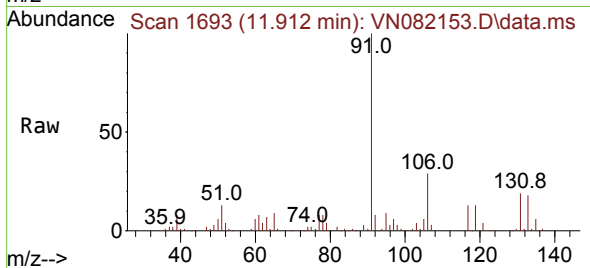
Tgt Ion:112 Resp: 116127
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5





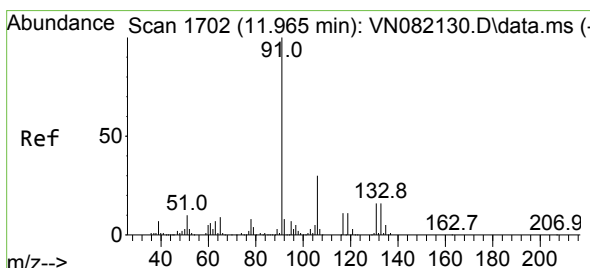
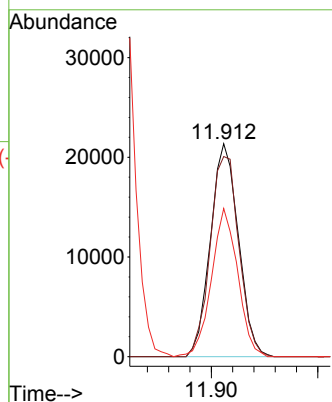
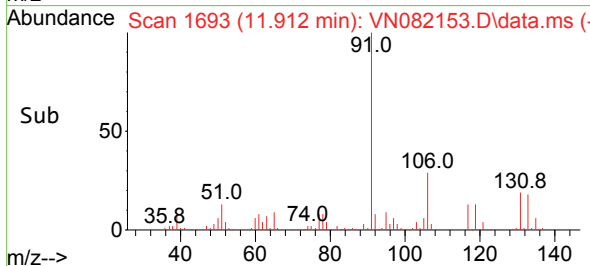
#66
 1,1,1,2-Tetrachloroethane
 Concen: 24.534 ug/l
 RT: 11.912 min Scan# 1693
 Delta R.T. -0.047 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

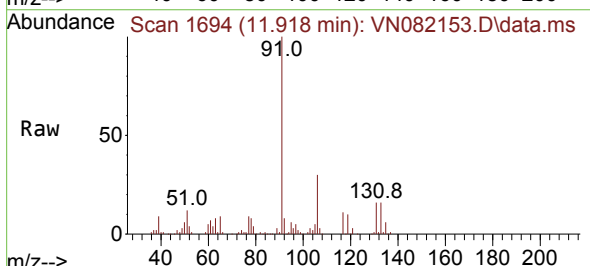


Tgt Ion:131 Resp: 38919

Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.5	142.6
119	65.3	32.9	98.7

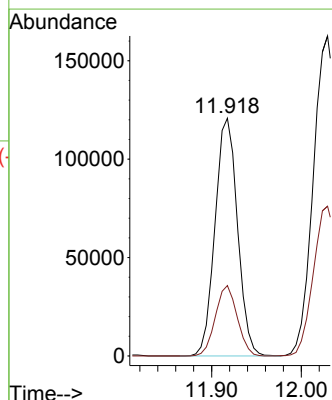
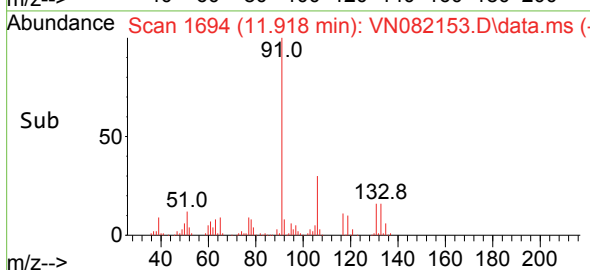


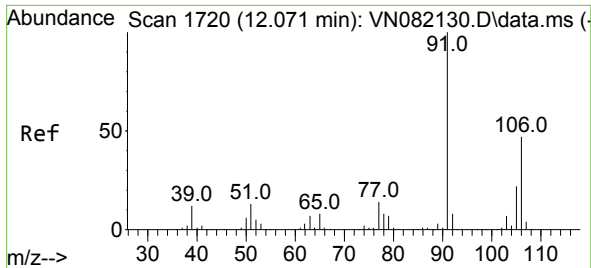
#67
 Ethyl Benzene
 Concen: 24.347 ug/l
 RT: 11.918 min Scan# 1694
 Delta R.T. -0.047 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45



Tgt Ion: 91 Resp: 209750

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.3	37.9

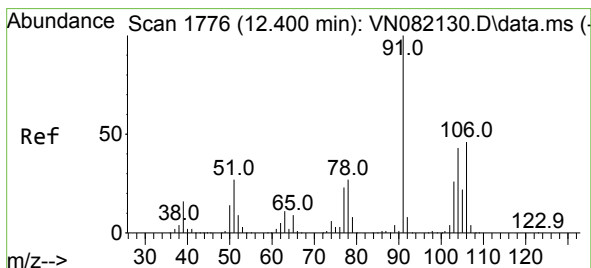
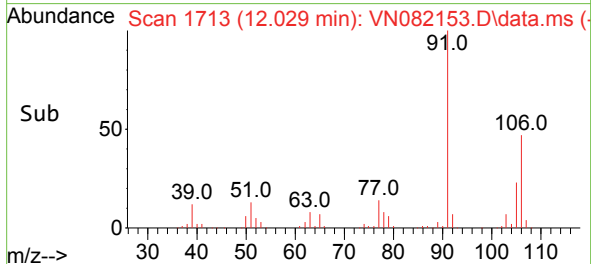
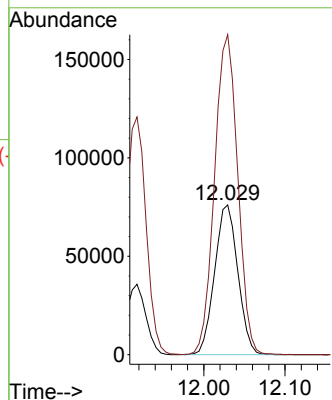
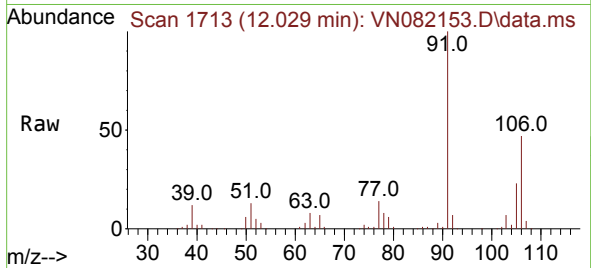




#68
m/p-Xylenes
Concen: 47.863 ug/l
RT: 12.029 min Scan# 1713
Delta R.T. -0.041 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

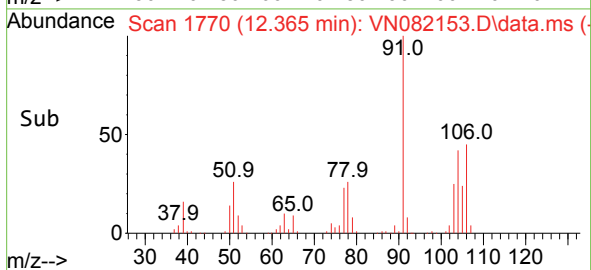
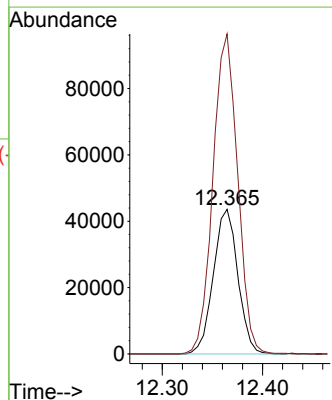
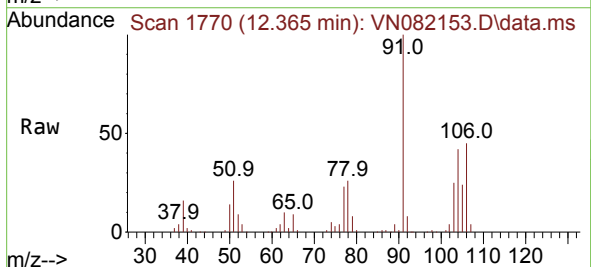
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

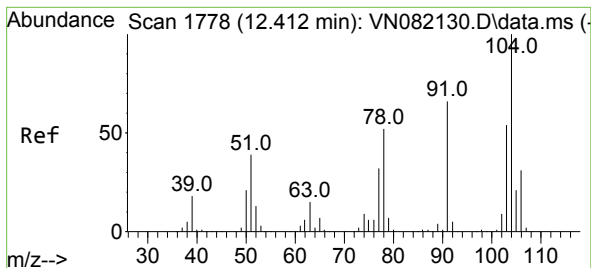
Tgt Ion:106 Resp: 151127
Ion Ratio Lower Upper
106 100
91 213.6 159.4 239.0



#69
o-Xylene
Concen: 24.185 ug/l
RT: 12.365 min Scan# 1770
Delta R.T. -0.035 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion:106 Resp: 73972
Ion Ratio Lower Upper
106 100
91 223.0 104.7 314.1





#70

Styrene

Concen: 24.339 ug/l

RT: 12.376 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

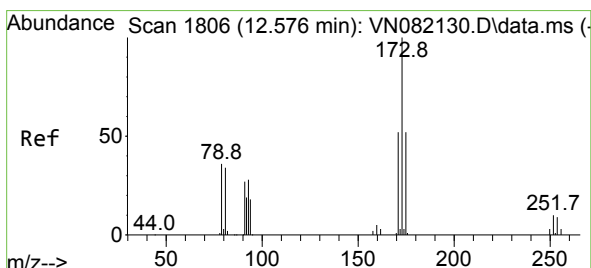
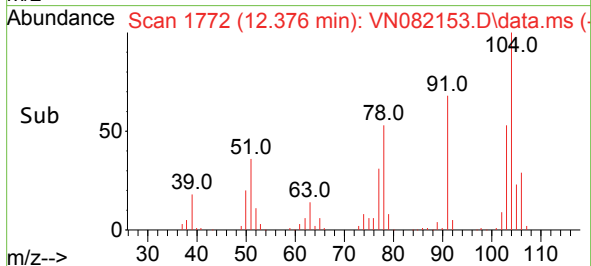
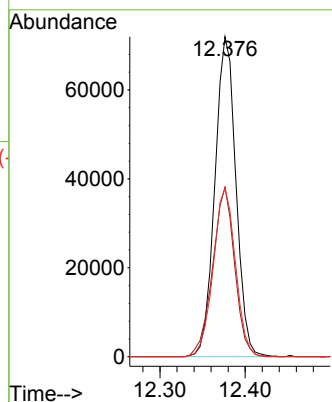
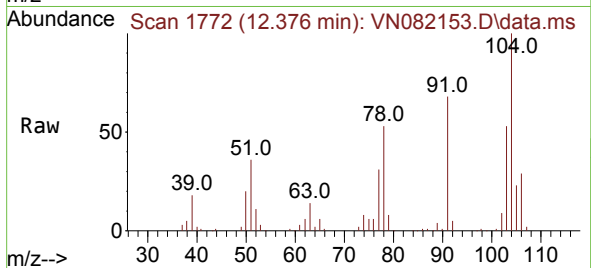
Tgt Ion:104 Resp: 123652

Ion Ratio Lower Upper

104 100

78 55.4 38.6 58.0

103 55.6 43.8 65.6



#71

Bromoform

Concen: 22.759 ug/l

RT: 12.547 min Scan# 1801

Delta R.T. -0.029 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

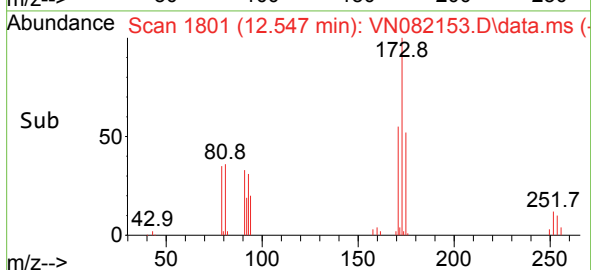
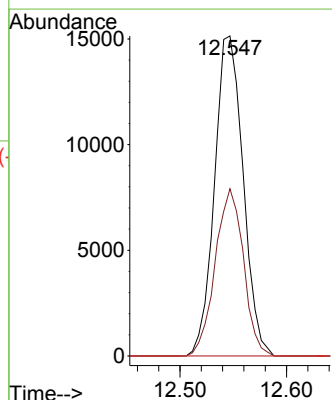
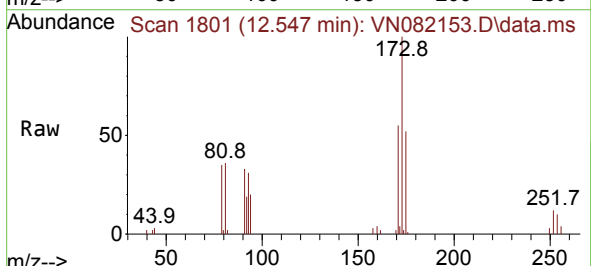
Tgt Ion:173 Resp: 28226

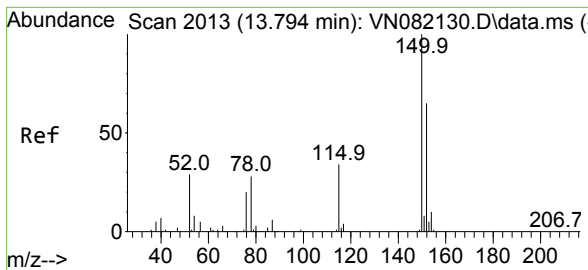
Ion Ratio Lower Upper

173 100

175 51.6 24.6 74.0

254 0.0 0.0 0.0

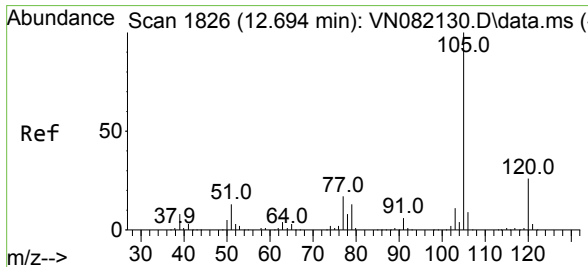
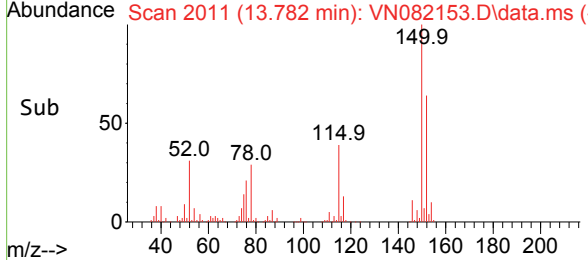
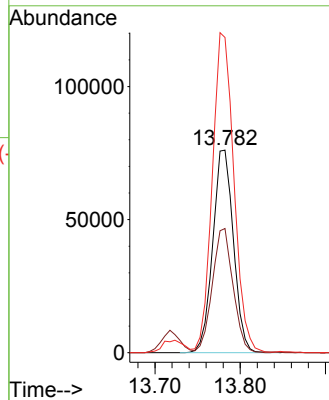
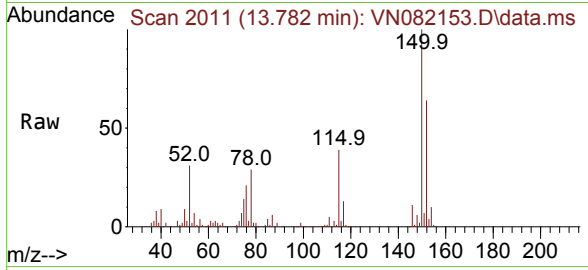




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.782 min Scan# 2013
Delta R.T. -0.012 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

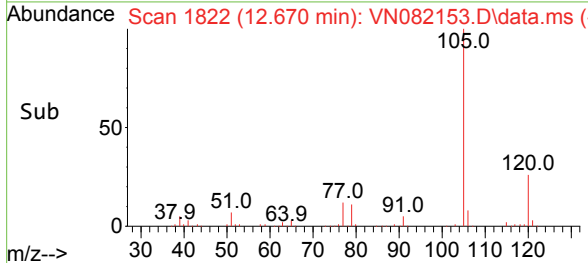
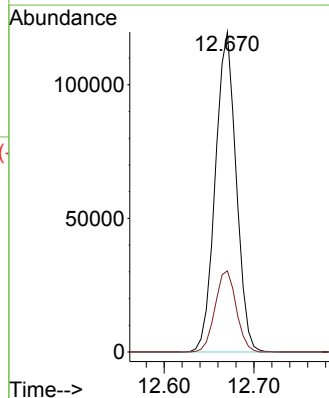
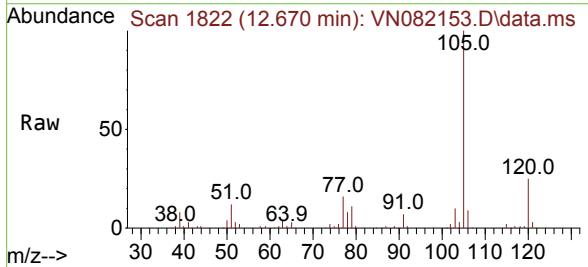
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

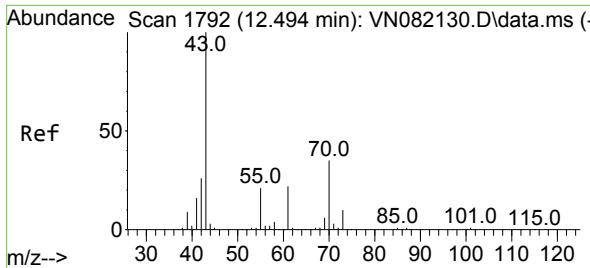
Tgt Ion:152 Resp: 128384
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 164.4 0.0 353.2



#73
Isopropylbenzene
Concen: 18.924 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.024 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion:105 Resp: 193010
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

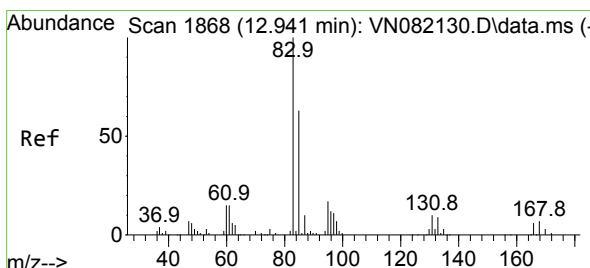
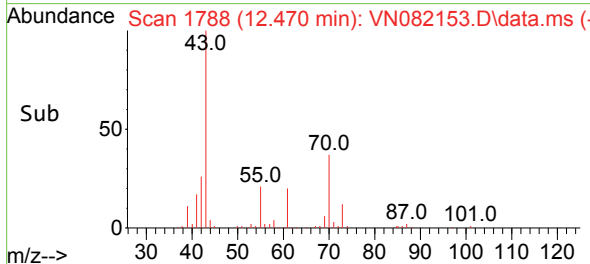
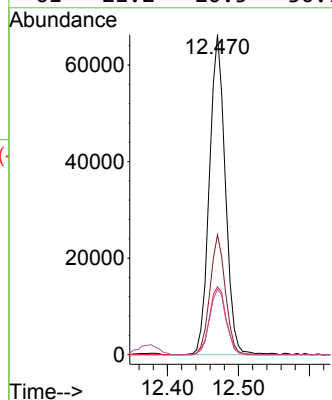
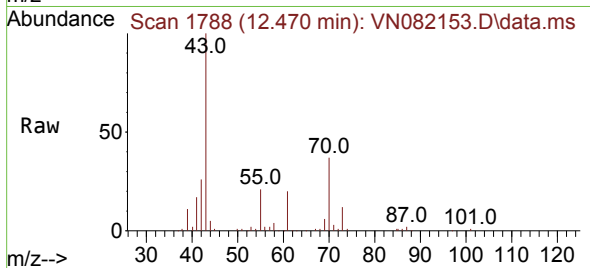




#74
N-amy1 acetate
Concen: 18.389 ug/l
RT: 12.470 min Scan# 1788
Delta R.T. -0.024 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

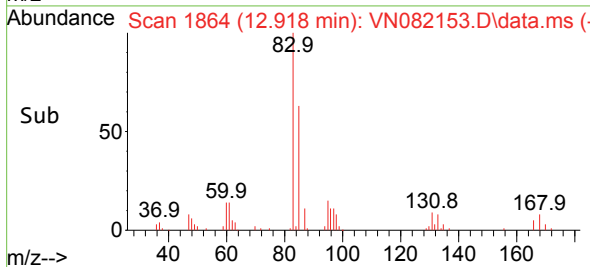
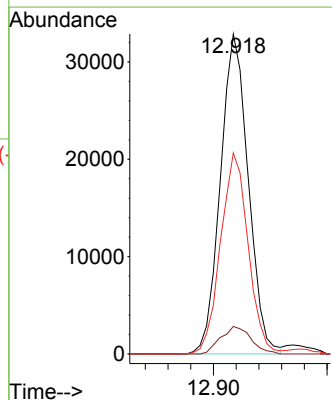
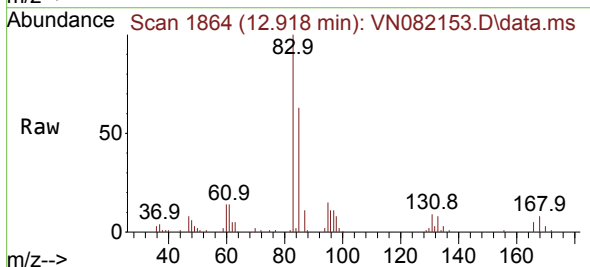
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

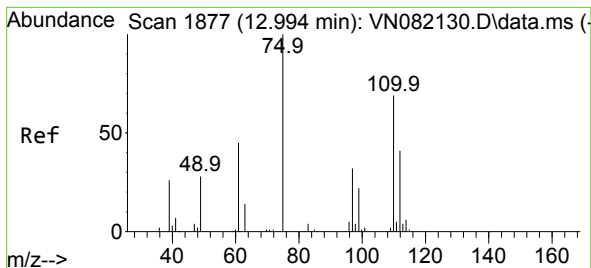
Tgt Ion:	43	Resp:	103166
Ion	Ratio	Lower	Upper
43	100		
70	36.1	39.0	58.4#
55	22.4	21.3	31.9
61	21.2	20.5	30.7



#75
1,1,2,2-Tetrachloroethane
Concen: 19.029 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.024 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion:	83	Resp:	55948
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.5	16.4
85	62.1	32.9	98.6





#76

1,2,3-Trichloropropane

Concen: 28.426 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. -0.024 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

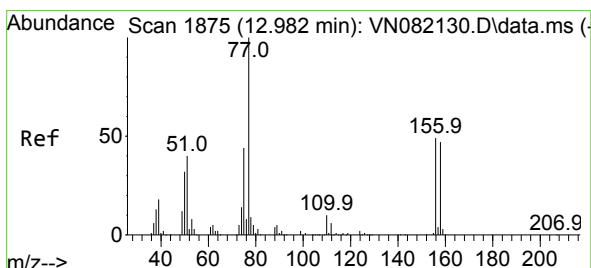
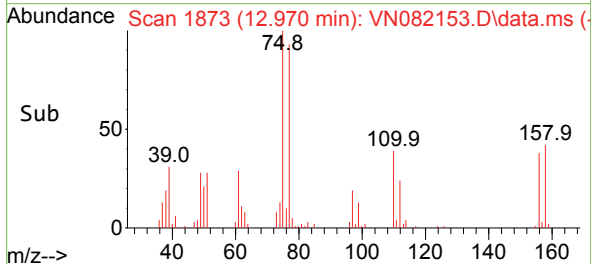
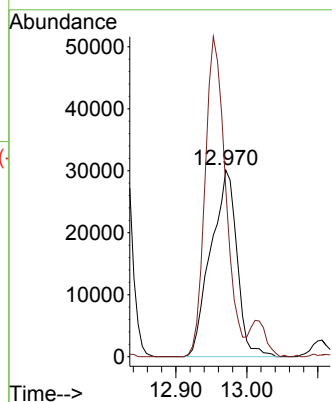
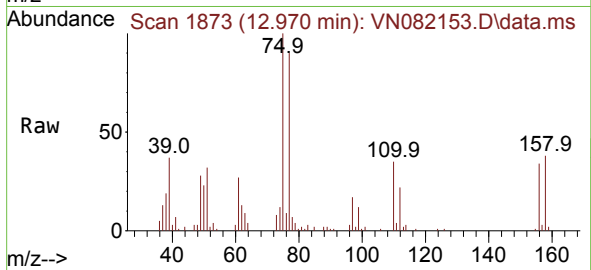
VN0516WBSD01

Tgt Ion: 75 Resp: 76811

Ion Ratio Lower Upper

75 100

77 134.9 90.5 271.3



#77

Bromobenzene

Concen: 18.550 ug/l

RT: 12.953 min Scan# 1870

Delta R.T. -0.029 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

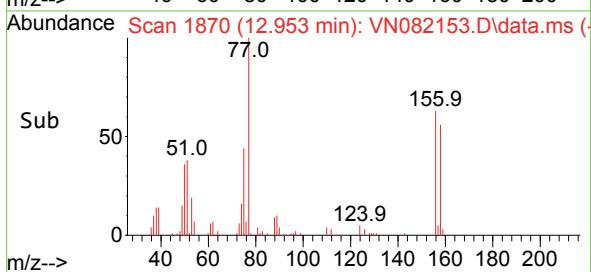
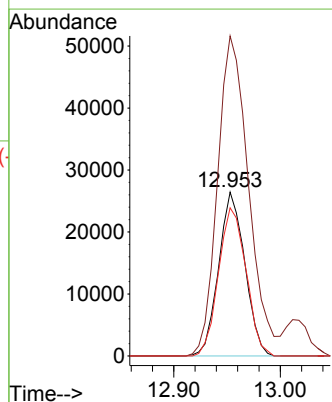
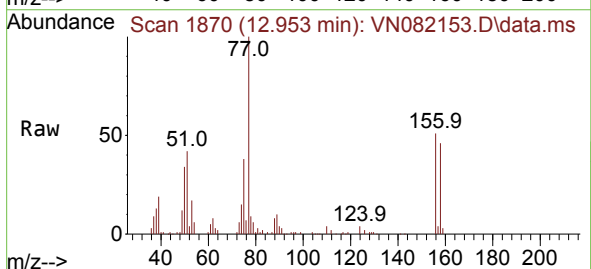
Tgt Ion:156 Resp: 45089

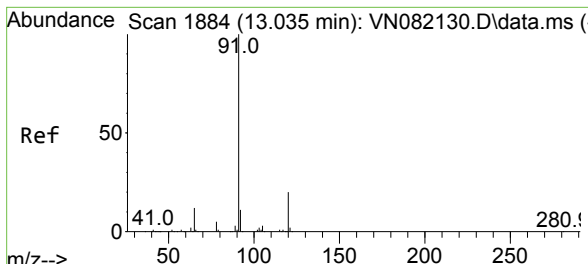
Ion Ratio Lower Upper

156 100

77 229.9 100.2 300.6

158 94.9 49.1 147.3



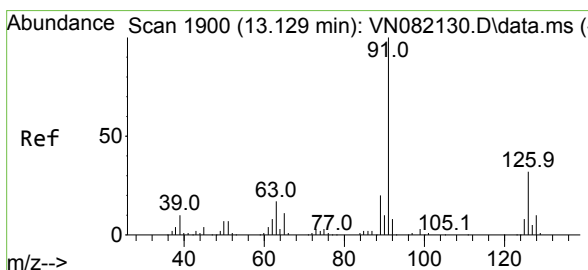
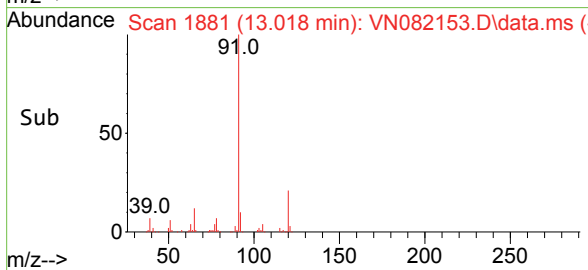
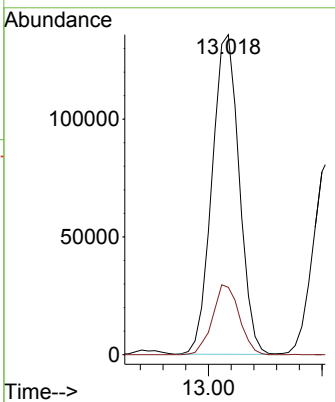
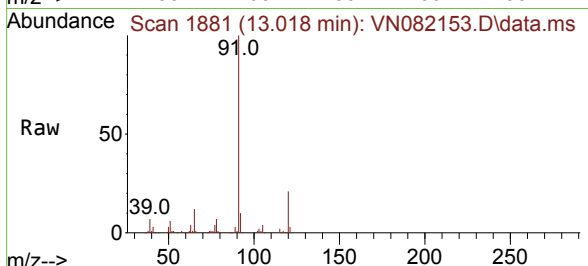


#78
 n-propylbenzene
 Concen: 18.705 ug/l
 RT: 13.018 min Scan# 1881
 Delta R.T. -0.018 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

Instrument : MSVOA_N
 ClientSampleId : VN0516WBSD01

Tgt Ion: 91 Resp: 225909

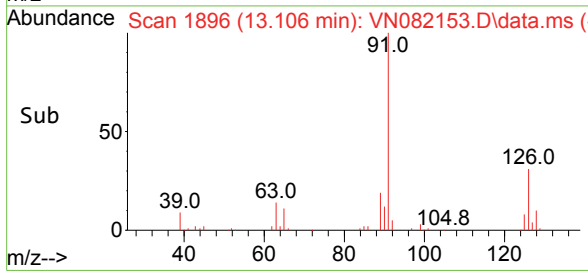
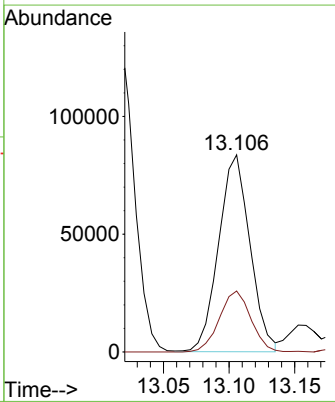
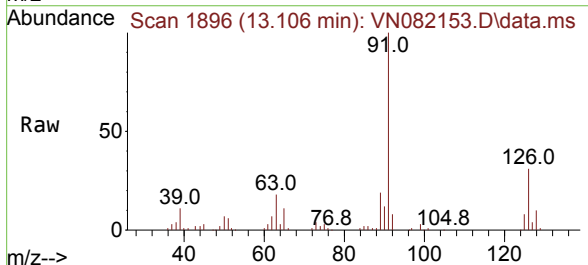
Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.7	35.0

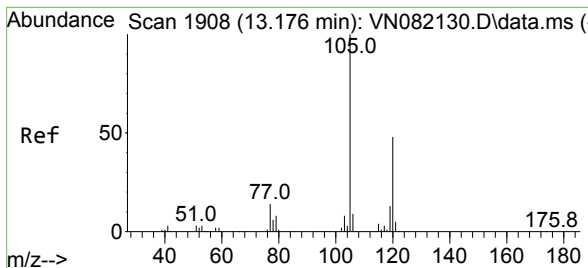


#79
 2-Chlorotoluene
 Concen: 18.345 ug/l
 RT: 13.106 min Scan# 1896
 Delta R.T. -0.024 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

Tgt Ion: 91 Resp: 139132

Ion	Ratio	Lower	Upper
91	100		
126	31.3	17.5	52.5





#80

1,3,5-Trimethylbenzene

Concen: 19.063 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.024 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

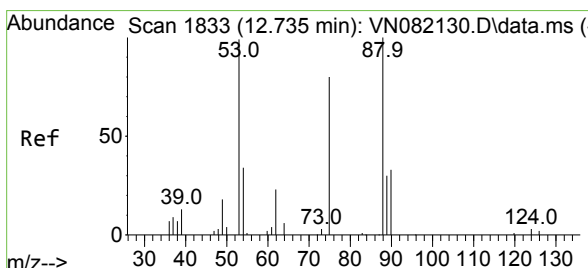
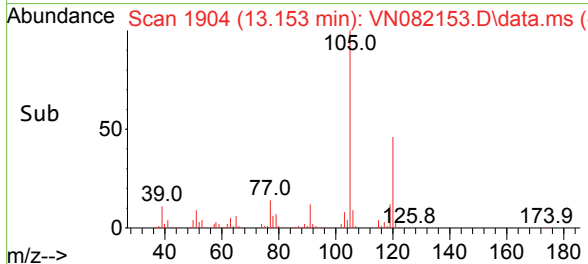
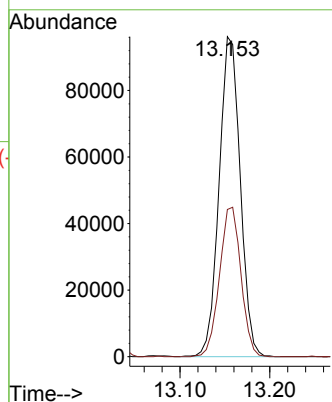
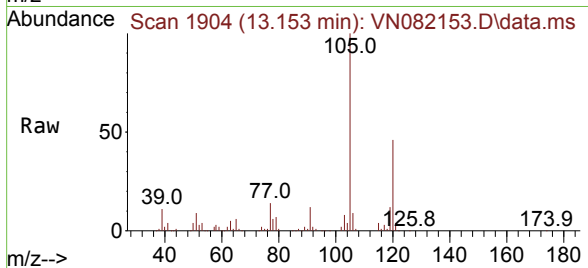
VN0516WBSD01

Tgt Ion:105 Resp: 157212

Ion Ratio Lower Upper

105 100

120 47.4 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 17.856 ug/l

RT: 12.712 min Scan# 1829

Delta R.T. -0.024 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

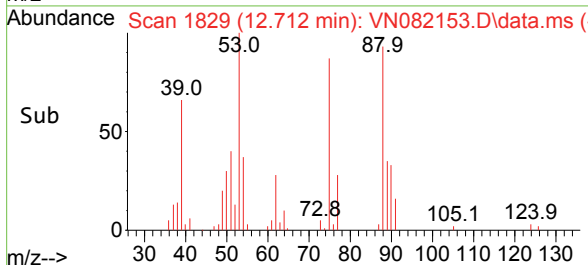
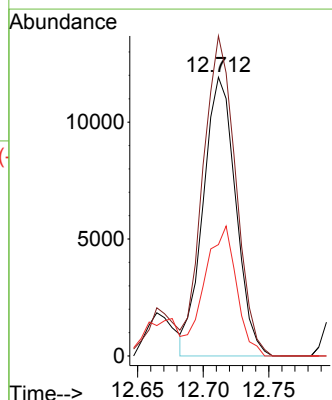
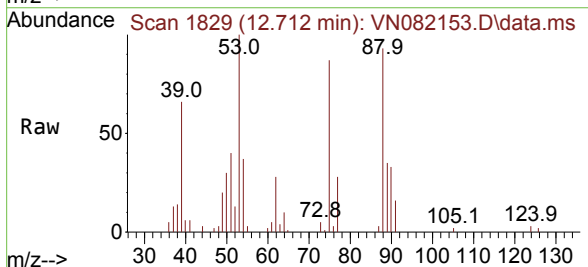
Tgt Ion: 75 Resp: 20629

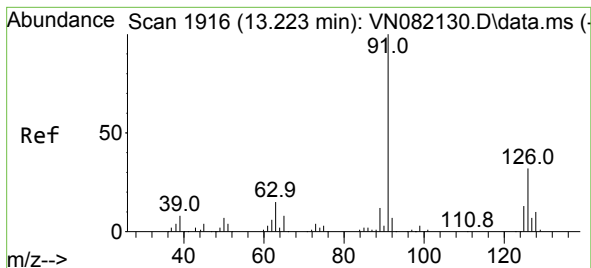
Ion Ratio Lower Upper

75 100

53 115.0 72.9 109.3#

89 45.9 39.1 58.7





#82

4-Chlorotoluene

Concen: 18.912 ug/l

RT: 13.206 min Scan# 1916

Delta R.T. -0.018 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

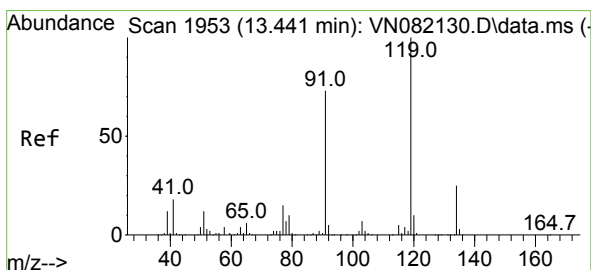
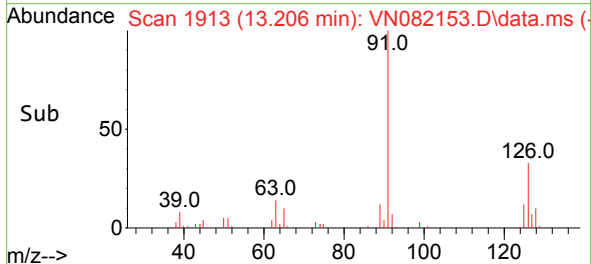
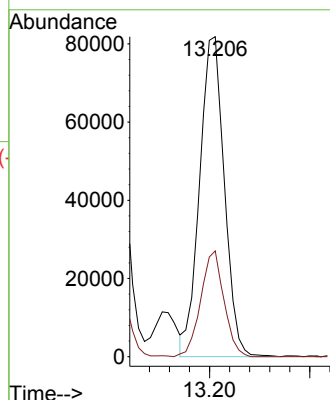
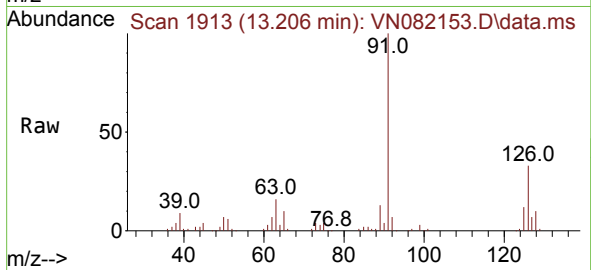
VN0516WBSD01

Tgt Ion: 91 Resp: 140237

Ion Ratio Lower Upper

91 100

126 31.1 17.4 52.3



#83

tert-Butylbenzene

Concen: 18.229 ug/l

RT: 13.423 min Scan# 1950

Delta R.T. -0.018 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

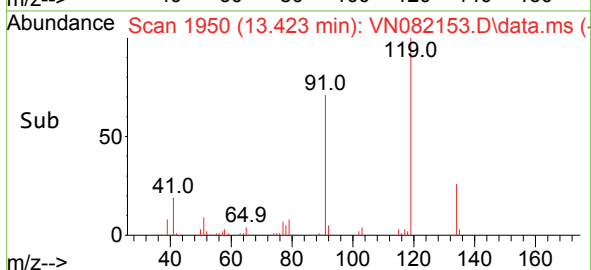
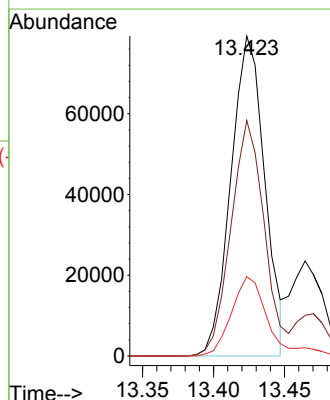
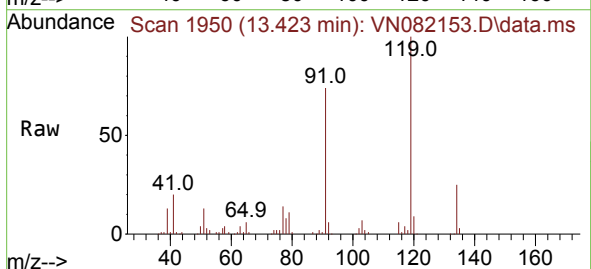
Tgt Ion: 119 Resp: 131520

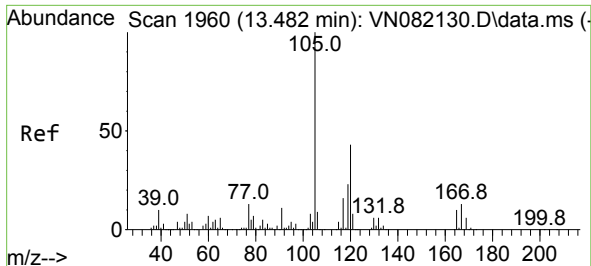
Ion Ratio Lower Upper

119 100

91 72.8 32.6 97.8

134 26.8 12.4 37.0

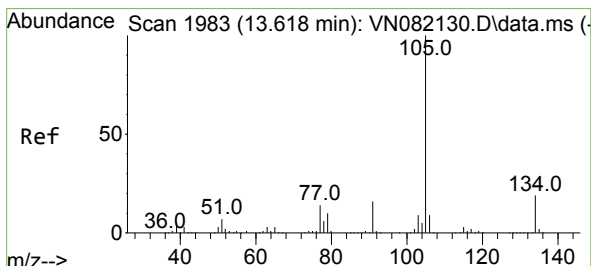
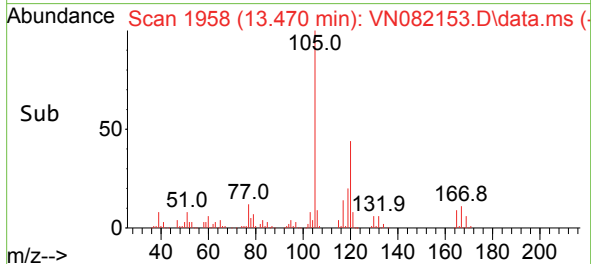
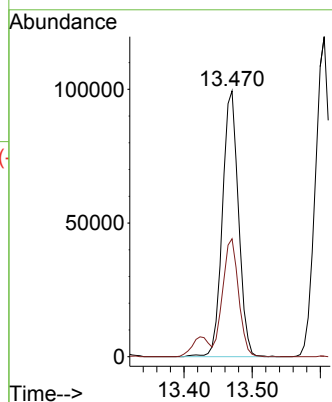
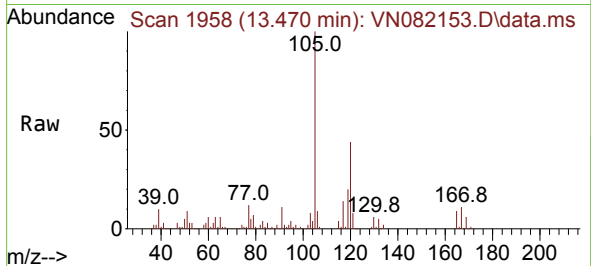




#84
1,2,4-Trimethylbenzene
Concen: 19.260 ug/l
RT: 13.470 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

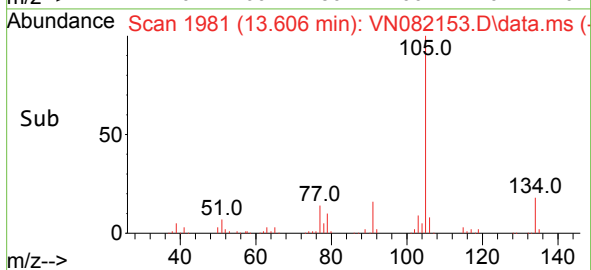
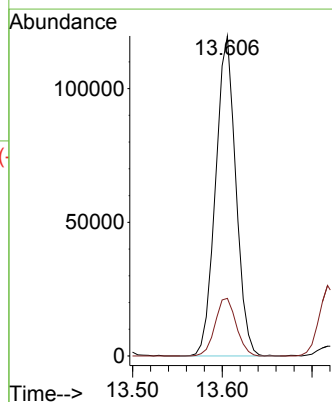
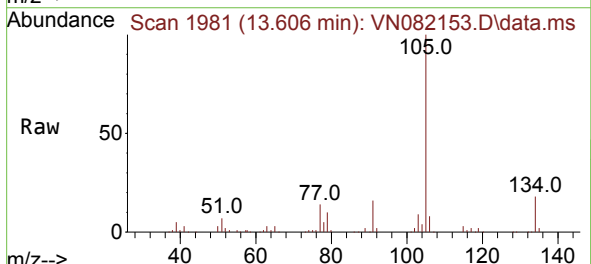
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

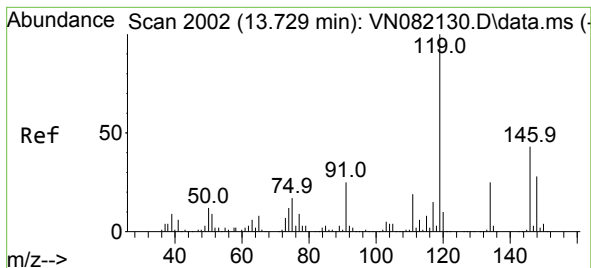
Tgt Ion:105 Resp: 162506
Ion Ratio Lower Upper
105 100
120 44.1 22.9 68.7



#85
sec-Butylbenzene
Concen: 18.748 ug/l
RT: 13.606 min Scan# 1981
Delta R.T. -0.012 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion:105 Resp: 187491
Ion Ratio Lower Upper
105 100
134 18.8 10.2 30.4





#86

p-Isopropyltoluene

Concen: 19.350 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. -0.012 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

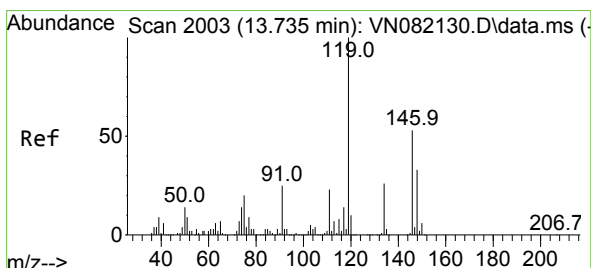
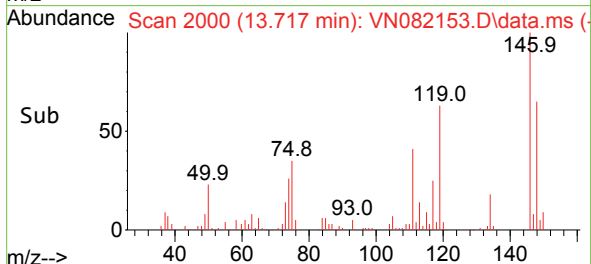
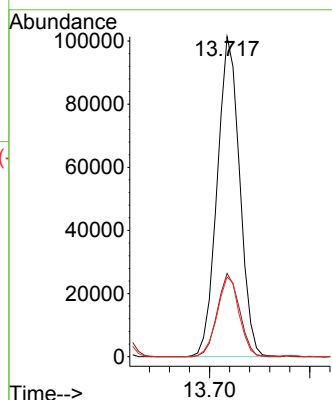
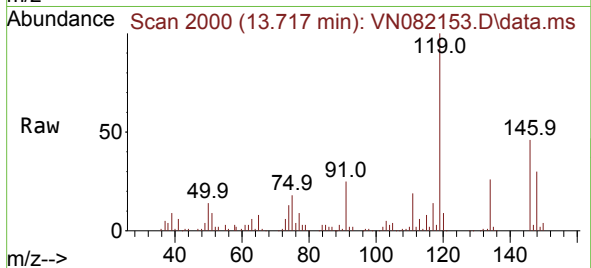
Tgt Ion:119 Resp: 157266

Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 24.5 11.8 35.3



#87

1,3-Dichlorobenzene

Concen: 18.258 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. -0.018 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

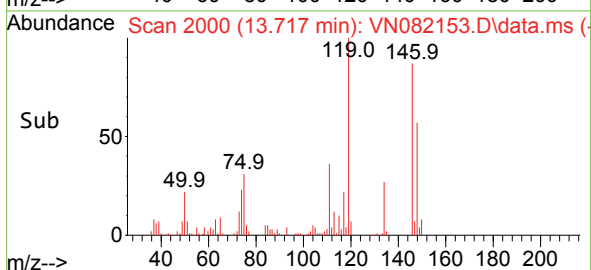
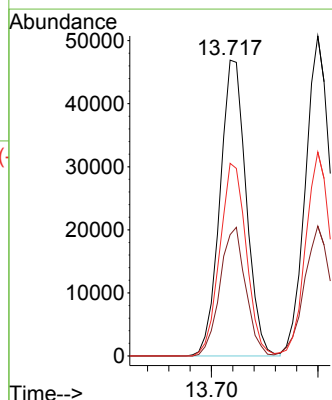
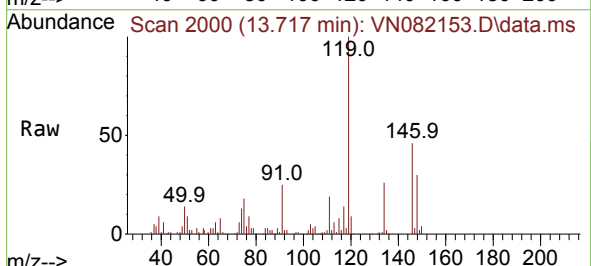
Tgt Ion:146 Resp: 80403

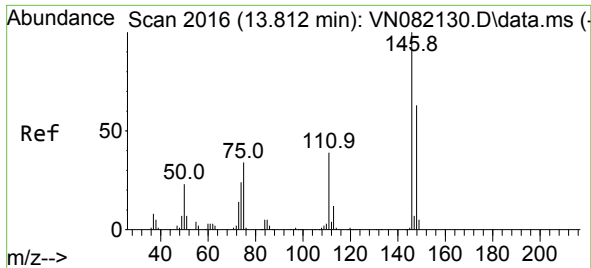
Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.5

148 65.6 32.1 96.3

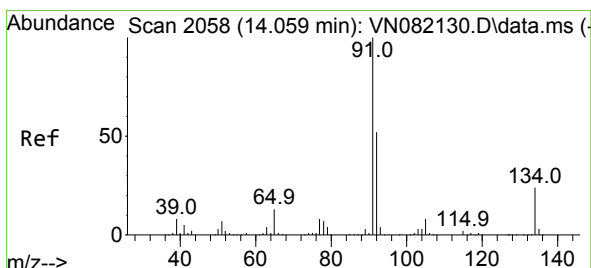
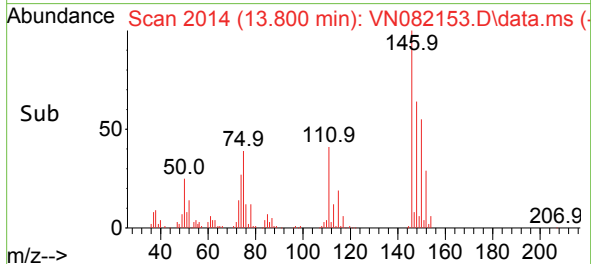
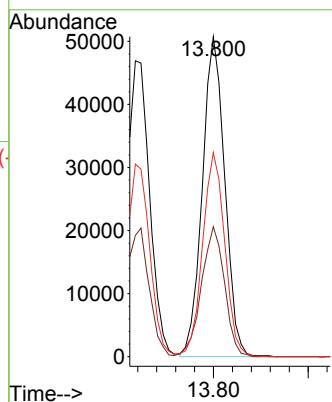
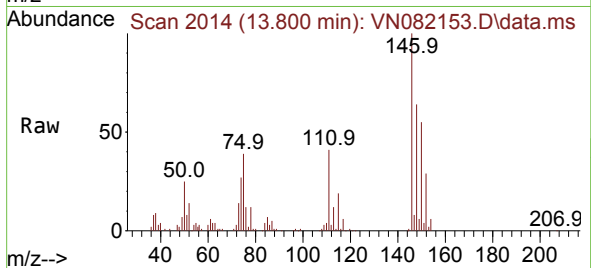




#88
1,4-Dichlorobenzene
Concen: 18.565 ug/l
RT: 13.800 min Scan# 2016
Delta R.T. -0.012 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

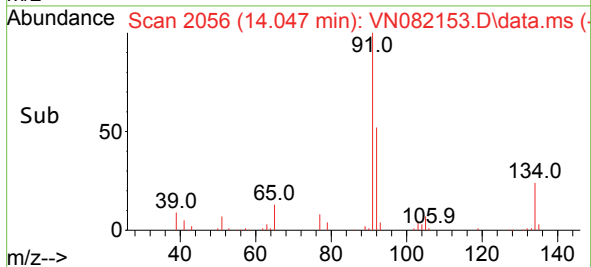
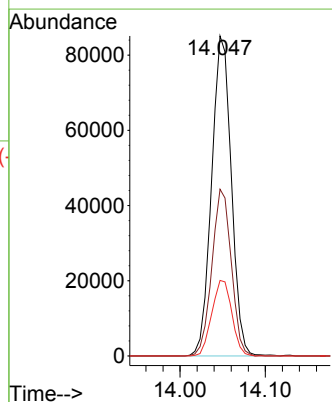
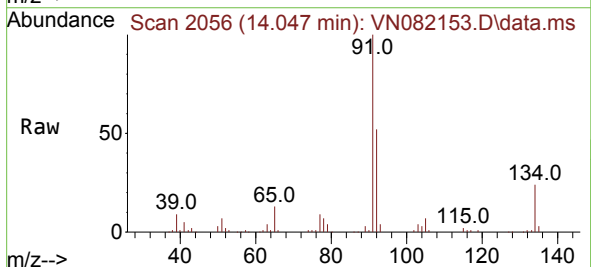
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

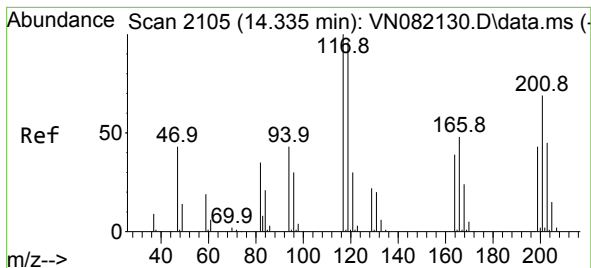
Tgt Ion:146 Resp: 83439
Ion Ratio Lower Upper
146 100
111 41.8 19.3 57.9
148 63.1 31.3 93.9



#89
n-Butylbenzene
Concen: 18.710 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VN082153.D
Acq: 16 May 2024 11:45

Tgt Ion: 91 Resp: 136677
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.5
134 24.0 13.2 39.5





#90

Hexachloroethane

Concen: 18.418 ug/l

RT: 14.323 min Scan# 2105

Delta R.T. -0.012 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

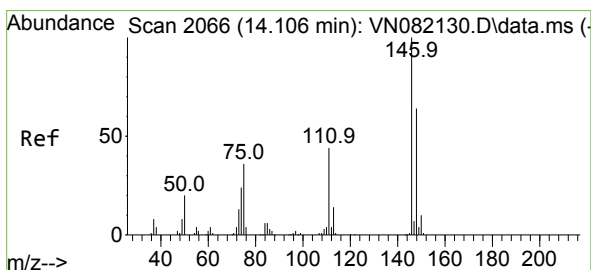
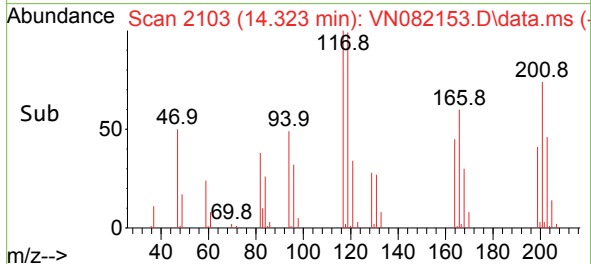
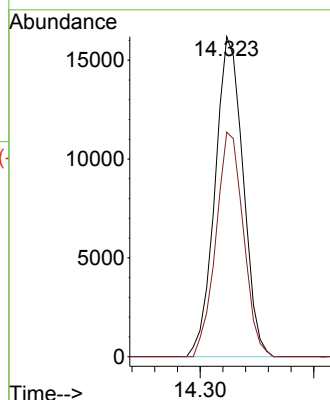
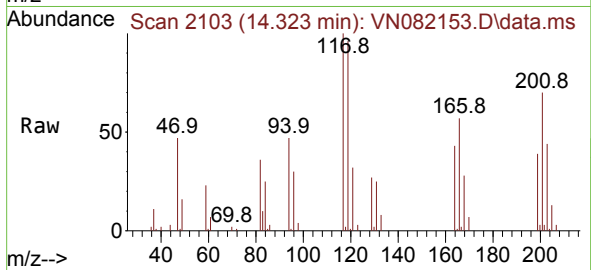
VN0516WBSD01

Tgt Ion:117 Resp: 27735

Ion Ratio Lower Upper

117 100

201 68.9 33.3 99.8



#91

1,2-Dichlorobenzene

Concen: 19.583 ug/l

RT: 14.094 min Scan# 2064

Delta R.T. -0.012 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

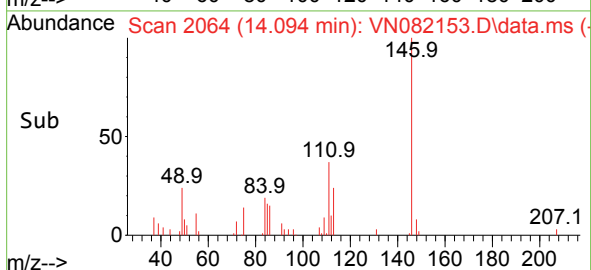
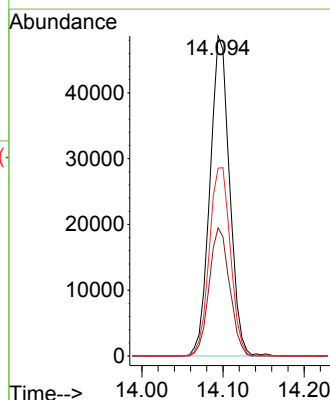
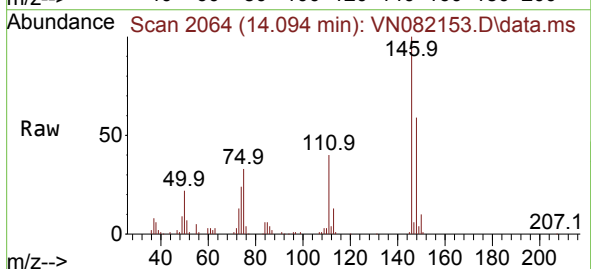
Tgt Ion:146 Resp: 81627

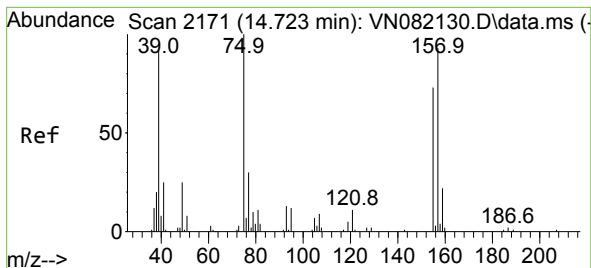
Ion Ratio Lower Upper

146 100

111 41.6 21.3 64.0

148 63.6 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.604 ug/l

RT: 14.717 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

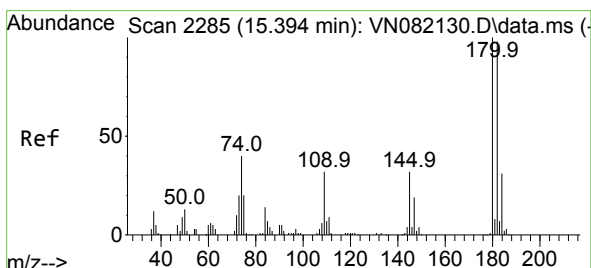
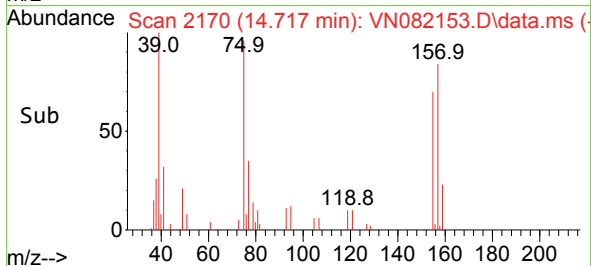
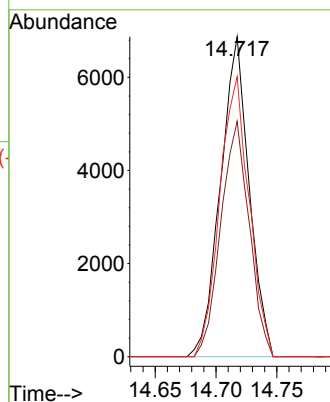
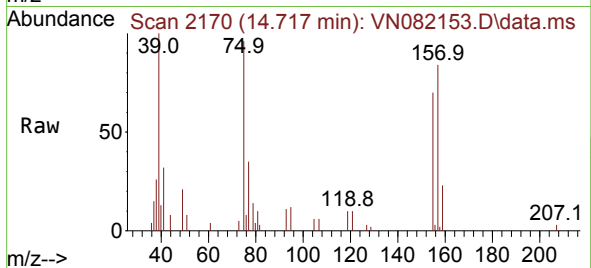
Tgt Ion: 75 Resp: 11238

Ion Ratio Lower Upper

75 100

155 72.9 42.6 128.0

157 89.9 53.0 159.0



#93

1,2,4-Trichlorobenzene

Concen: 18.155 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

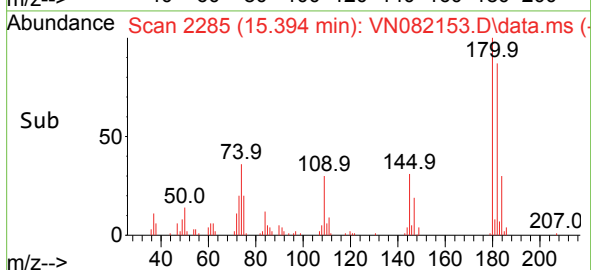
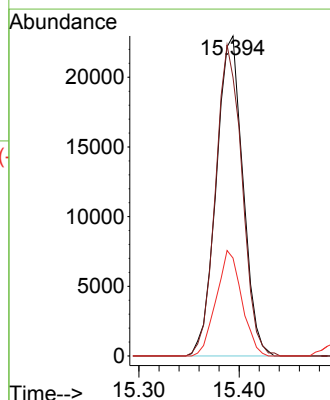
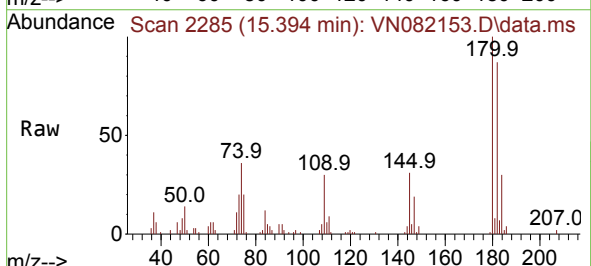
Tgt Ion: 180 Resp: 42419

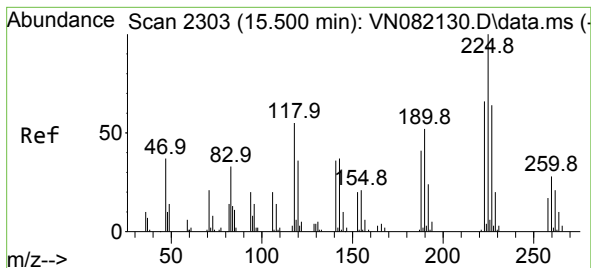
Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.0

145 31.5 16.2 48.6





#94

Hexachlorobutadiene

Concen: 18.136 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

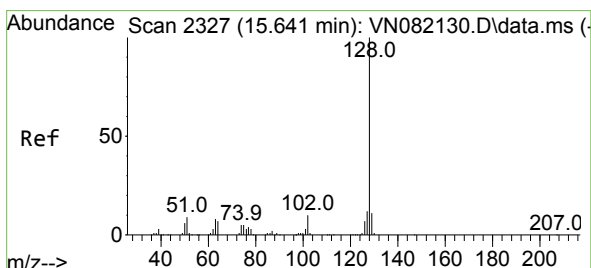
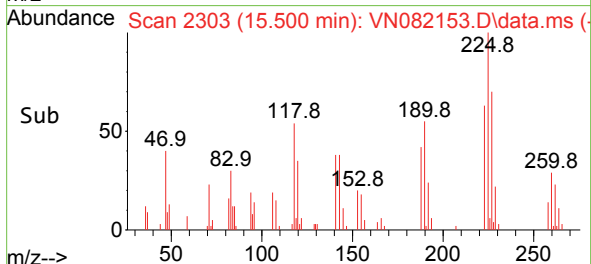
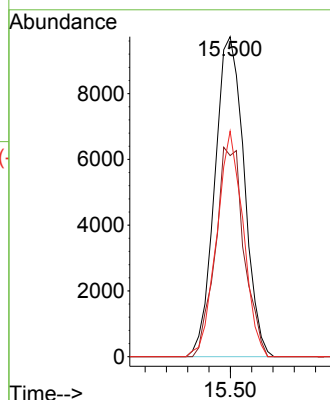
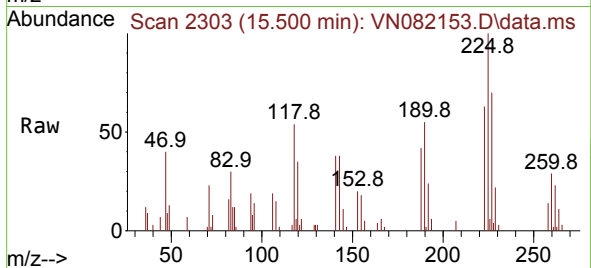
Tgt Ion:225 Resp: 18594

Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.2

227 63.6 30.6 91.6



#95

Naphthalene

Concen: 18.181 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082153.D

Acq: 16 May 2024 11:45

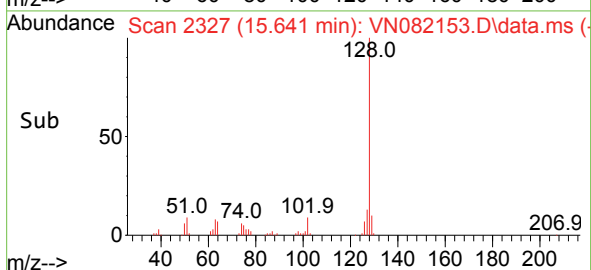
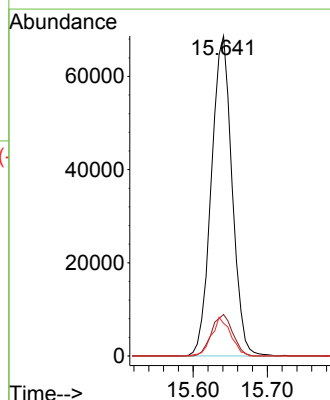
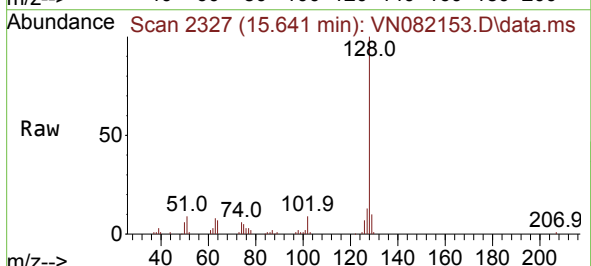
Tgt Ion:128 Resp: 133123

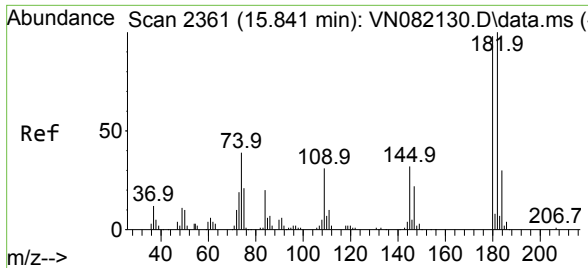
Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.2 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 18.347 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082153.D
 Acq: 16 May 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Tgt Ion:180	Resp:	42913
Ion Ratio	Lower	Upper
180	100	
182	92.7	46.0 137.8
145	32.7	17.1 51.3

