

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082399.D
 Acq On : 31 May 2024 11:24
 Operator : JC\MD
 Sample : VN0531WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBL01

Quant Time: May 31 22:54:18 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)

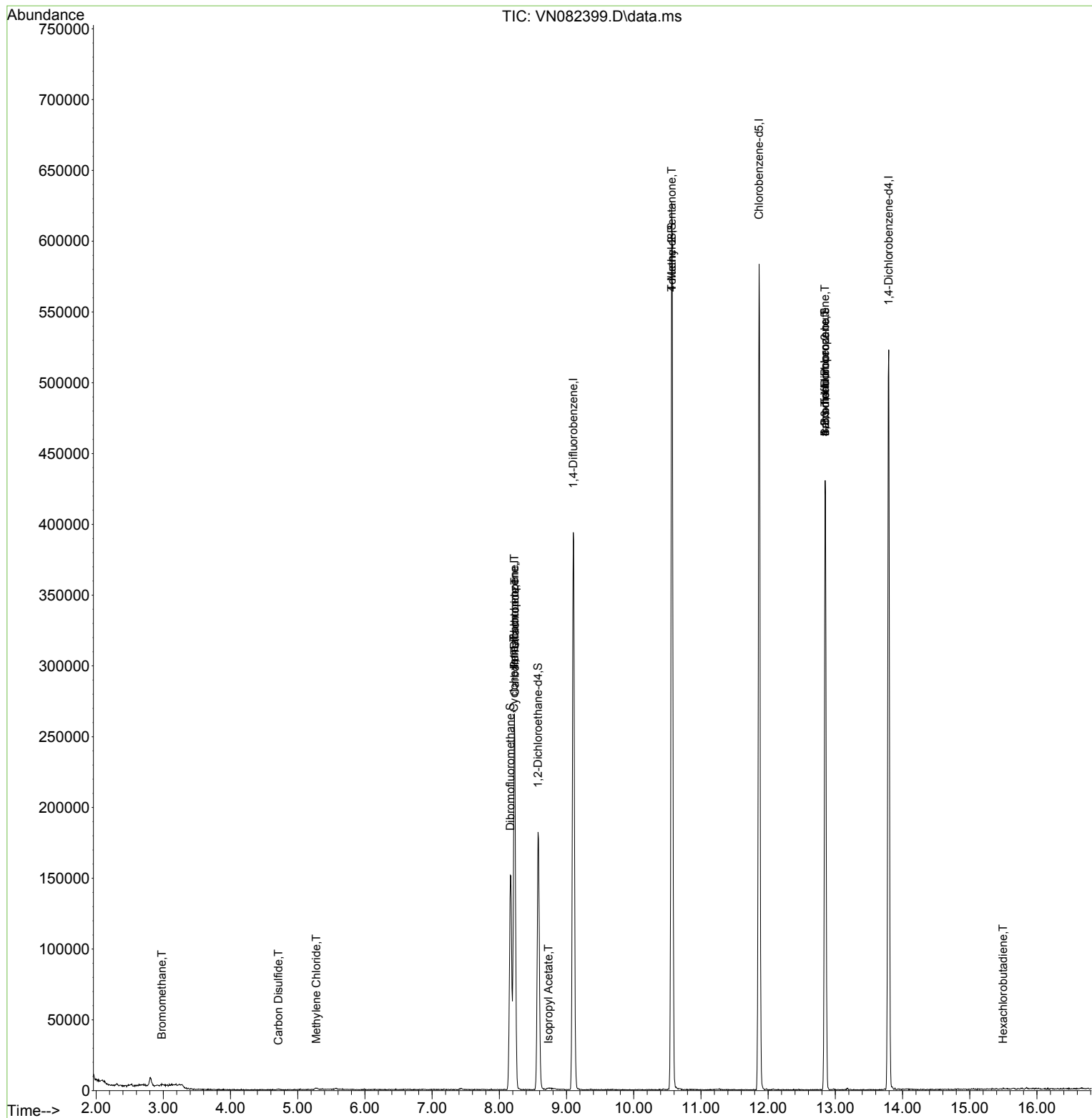
Internal Standards						
1) Pentafluorobenzene	8.224	168	180445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147774	51.864	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.720%	
35) Dibromofluoromethane	8.165	113	105920	54.229	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.460%	
50) Toluene-d8	10.565	98	406109	54.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	12.847	95	138877	51.960	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	657	0.412	ug/l #	46
17) Carbon Disulfide	4.712	76	1301	0.204	ug/l #	74
20) Methylene Chloride	5.277	84	867	0.368	ug/l #	77
31) Cyclohexane	8.218	56	4977	1.094	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	16972	5.181	ug/l #	47
38) Carbon Tetrachloride	8.230	117	19472	5.864	ug/l #	16
43) Isopropyl Acetate	8.730	43	1317	0.203	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2563	0.694	ug/l #	1
71) Bromoform	12.847	173	609	1.046	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	82903	30.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82903	70.367	ug/l #	12
94) Hexachlorobutadiene	15.494	225	228	0.218	ug/l #	41

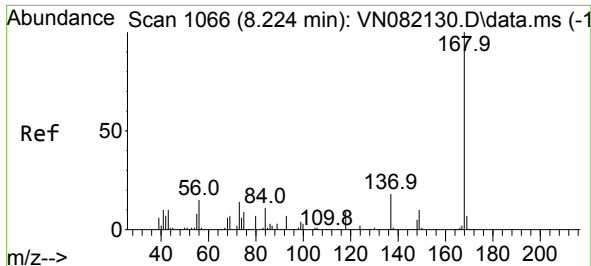
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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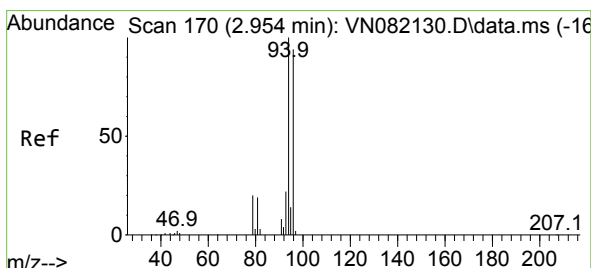
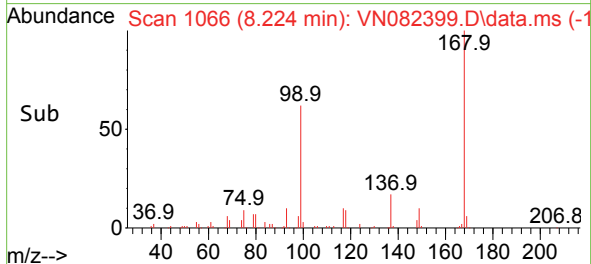
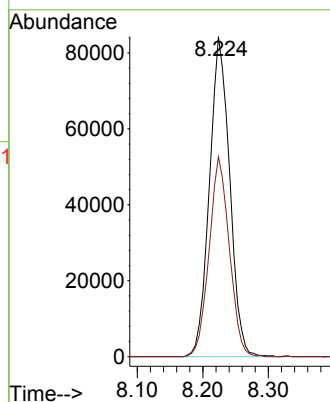
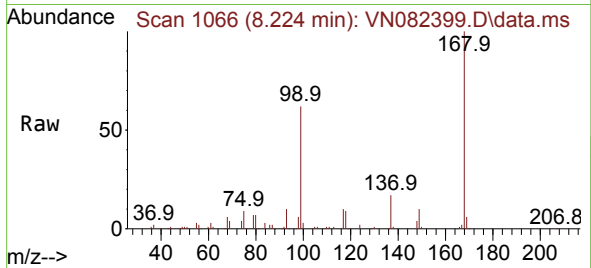




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

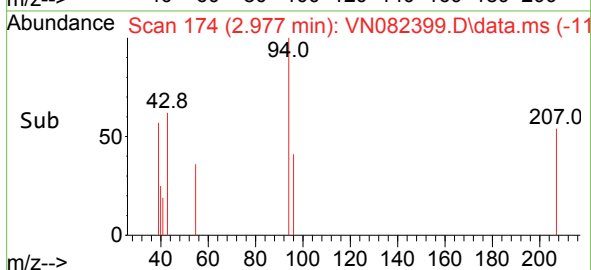
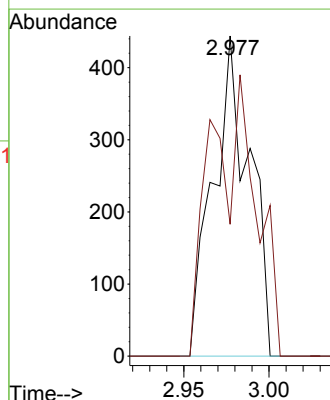
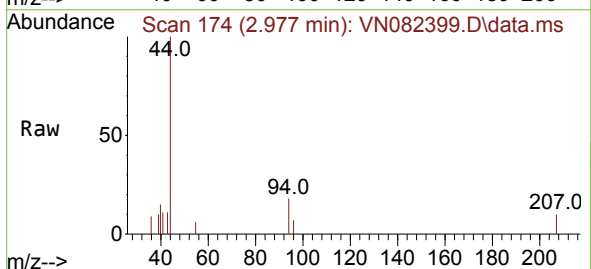
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

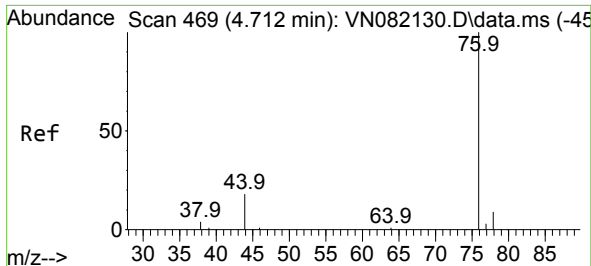
Tgt Ion:168 Resp: 180445
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#5
Bromomethane
Concen: 0.412 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 94 Resp: 657
Ion Ratio Lower Upper
94 100
96 41.2 74.8 112.2#

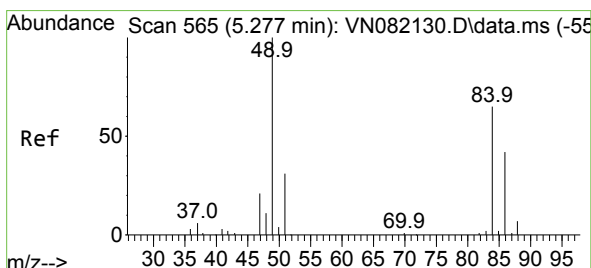
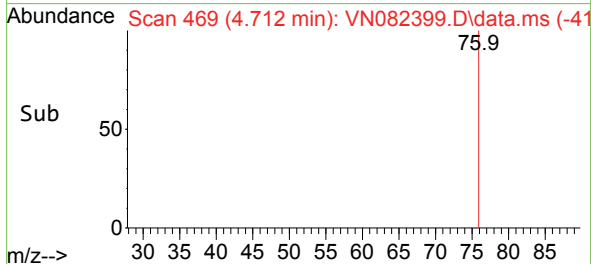
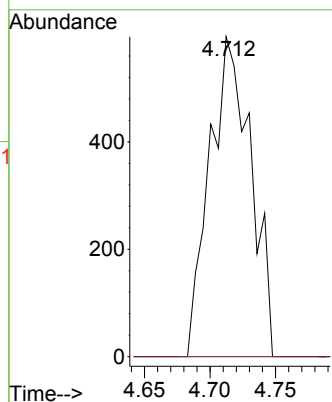
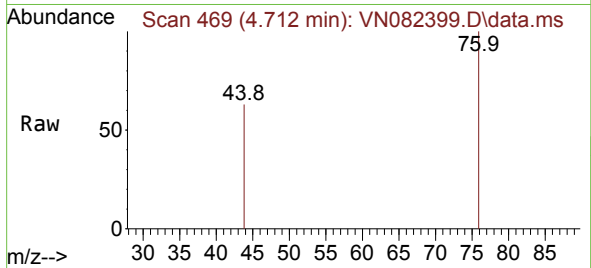




#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

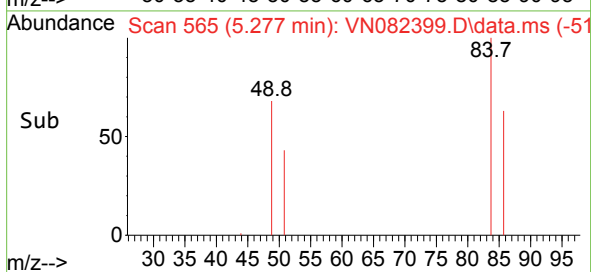
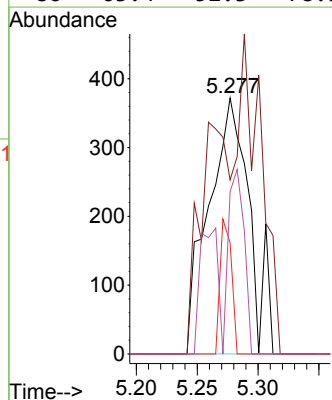
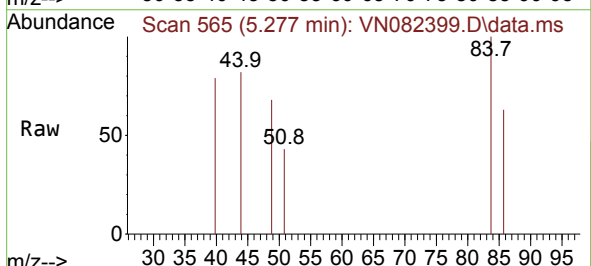
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

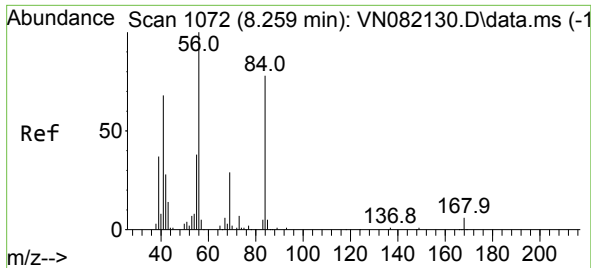
Tgt Ion: 76 Resp: 1301
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 84 Resp: 867
Ion Ratio Lower Upper
84 100
49 68.0 84.9 127.3#
51 43.3 27.0 40.6#
86 63.4 52.3 78.5

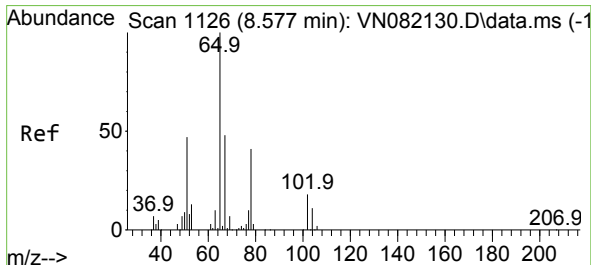
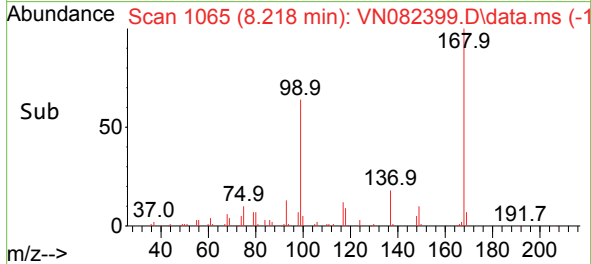
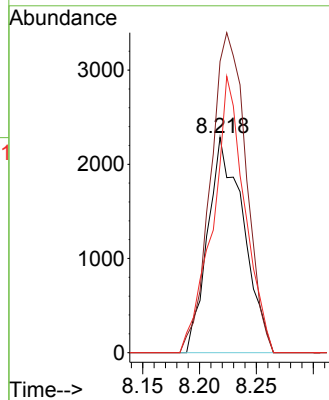
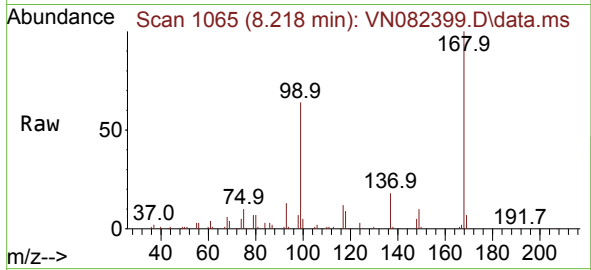




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

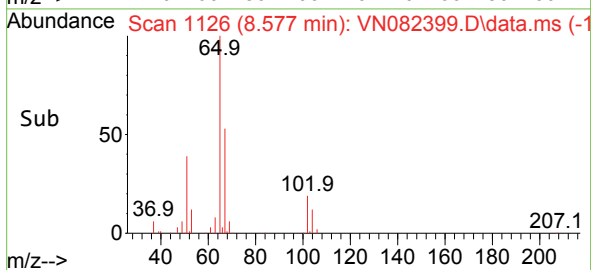
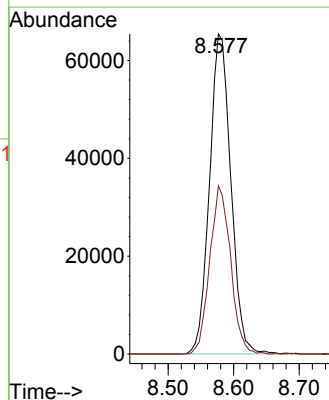
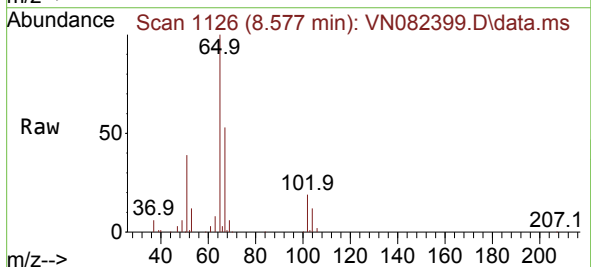
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

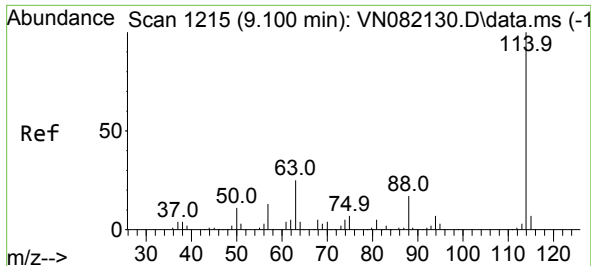
Tgt Ion: 56 Resp: 4977
Ion Ratio Lower Upper
56 100
69 135.2 24.4 36.6#
84 87.4 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 65 Resp: 147774
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082399.D

Acq: 31 May 2024 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBL01

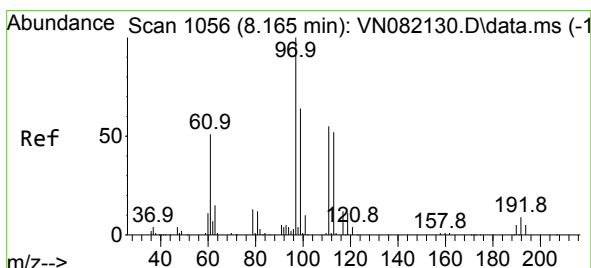
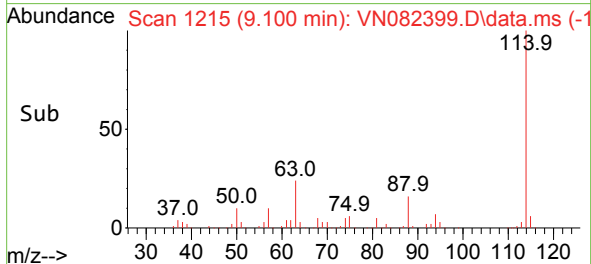
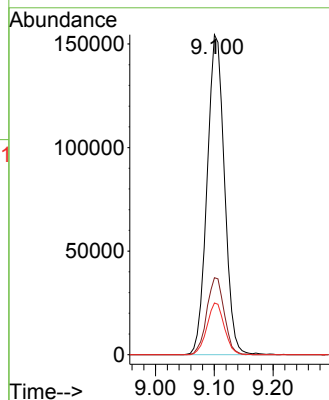
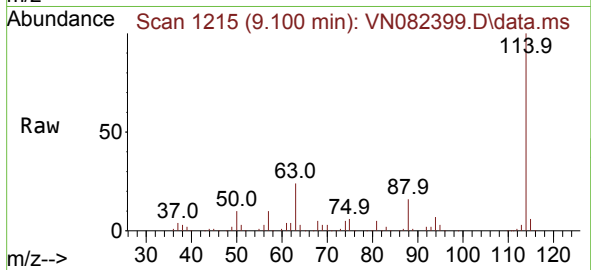
Tgt Ion:114 Resp: 317512

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.229 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082399.D

Acq: 31 May 2024 11:24

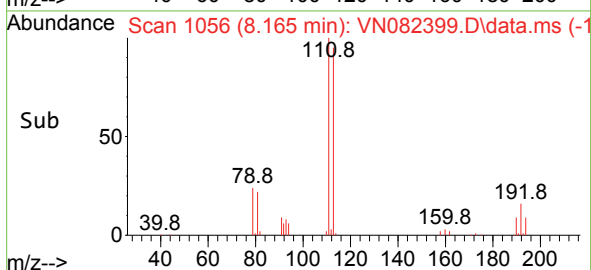
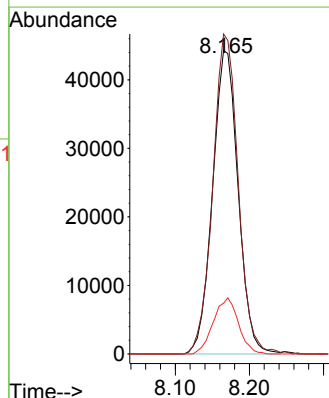
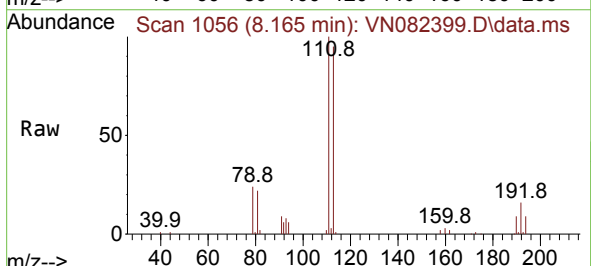
Tgt Ion:113 Resp: 105920

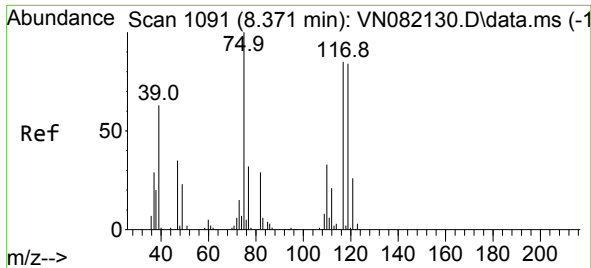
Ion Ratio Lower Upper

113 100

111 104.9 83.4 125.2

192 18.1 14.0 21.0

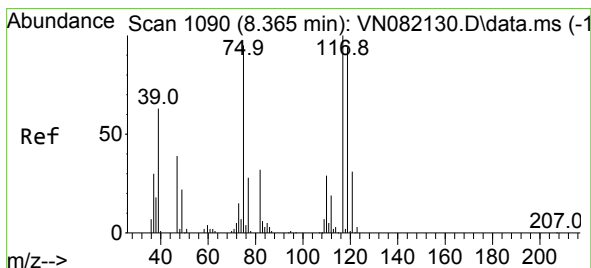
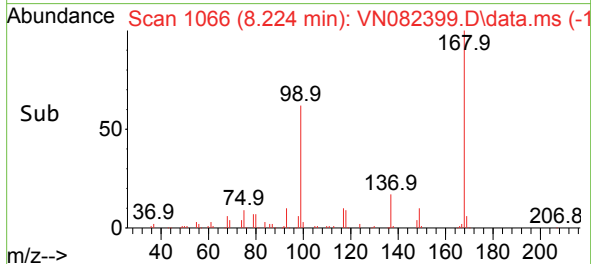
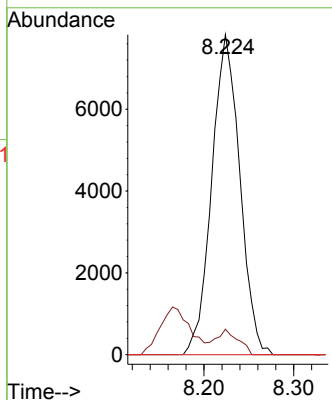
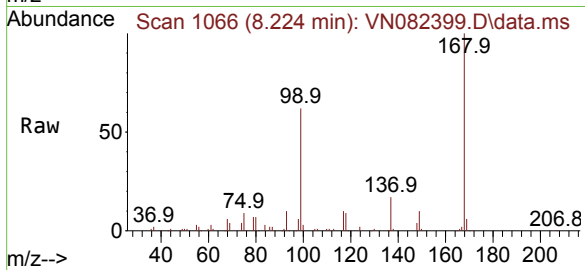




#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

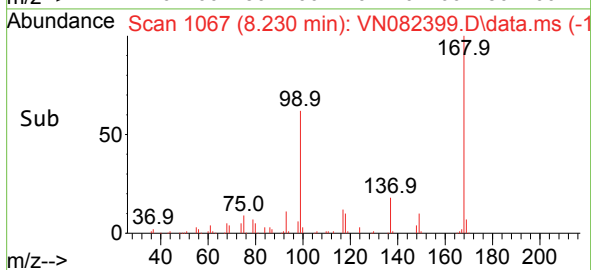
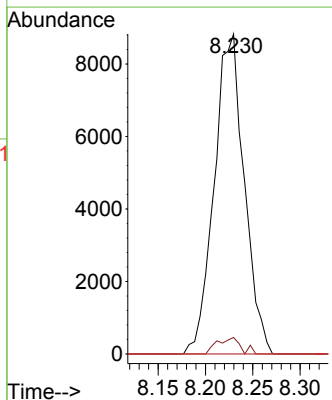
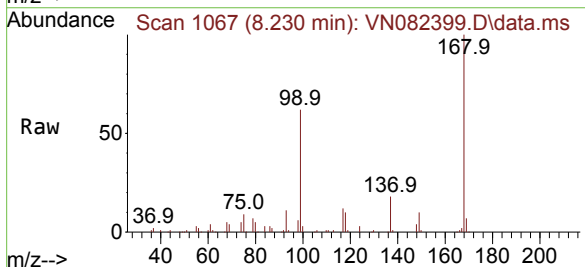
Instrument :
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ClientSampleId :
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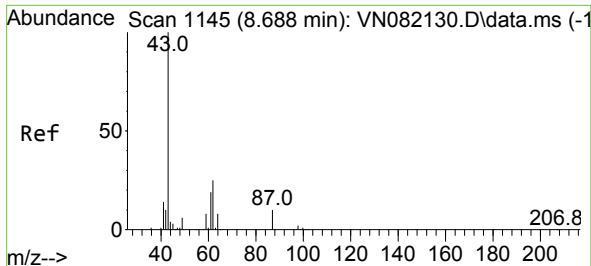
Tgt Ion: 75 Resp: 16972
Ion Ratio Lower Upper
75 100
110 6.0 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 117 Resp: 19472
Ion Ratio Lower Upper
117 100
119 5.1 76.5 114.7#
121 0.0 23.9 35.9#

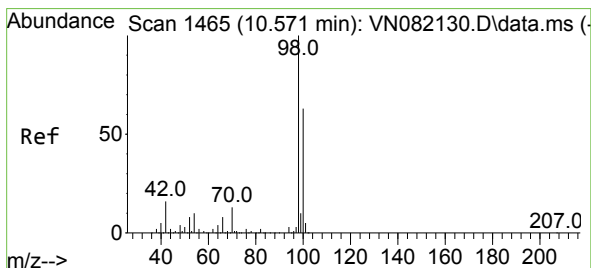
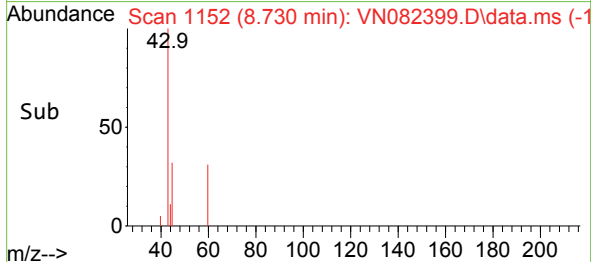
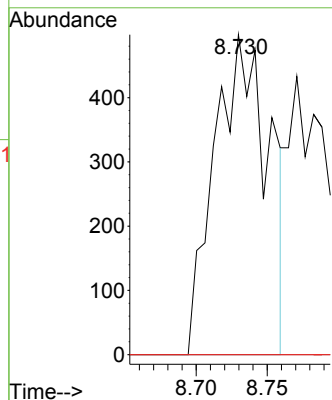
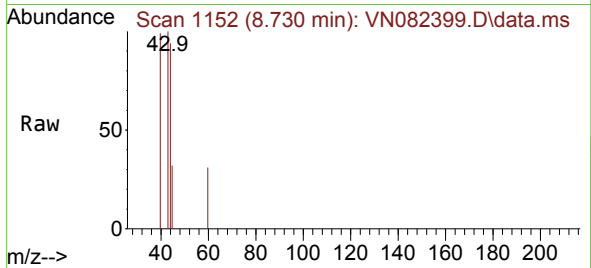




#43
Isopropyl Acetate
Concen: 0.203 ug/l
RT: 8.730 min Scan# 1145
Delta R.T. 0.041 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

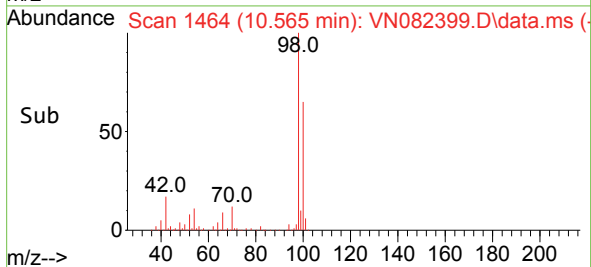
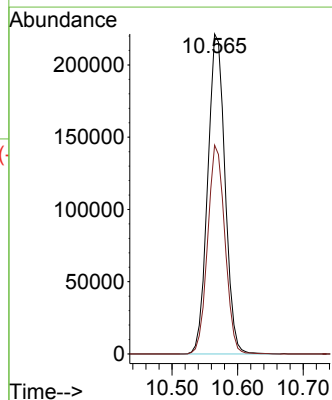
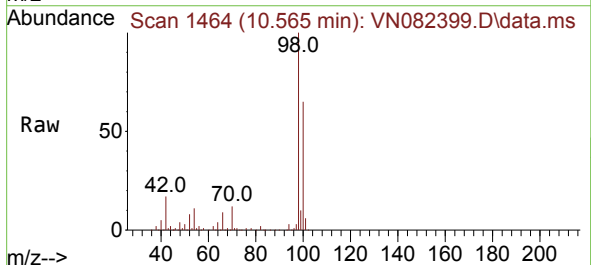
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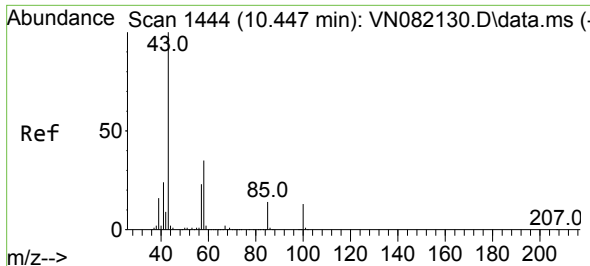
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.232 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 98 Resp: 406109
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

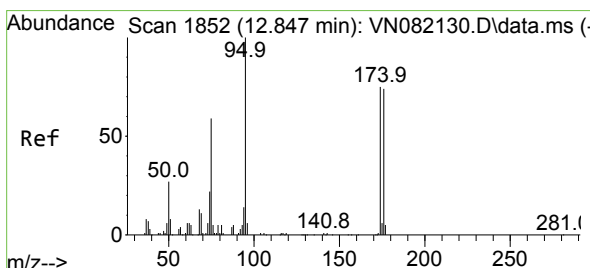
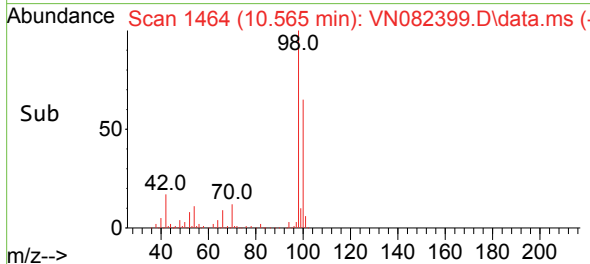
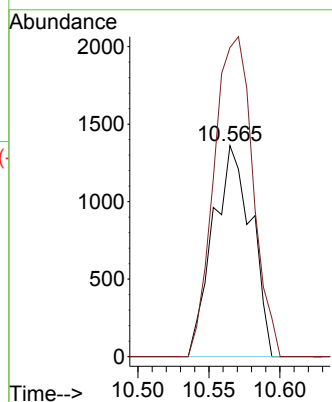
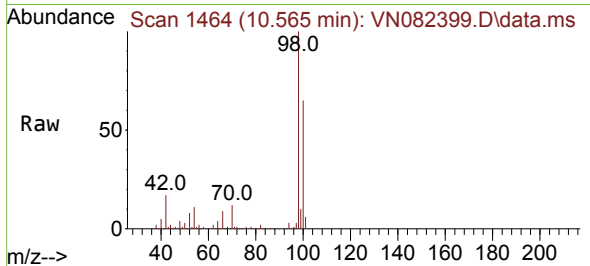




#51
4-Methyl-2-Pentanone
Concen: 0.694 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

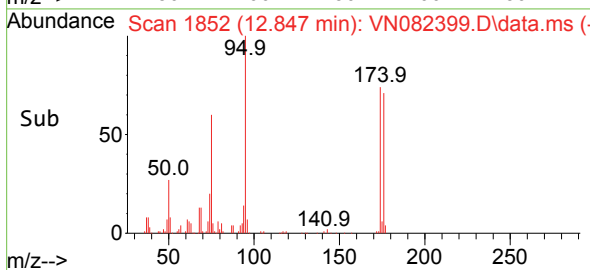
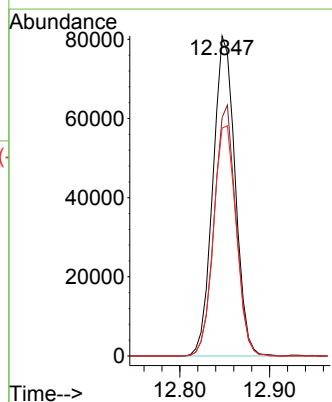
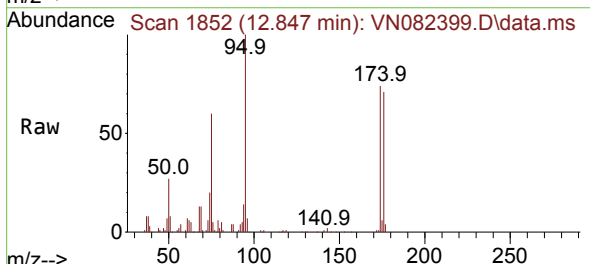
Instrument :
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VN0531WBL01

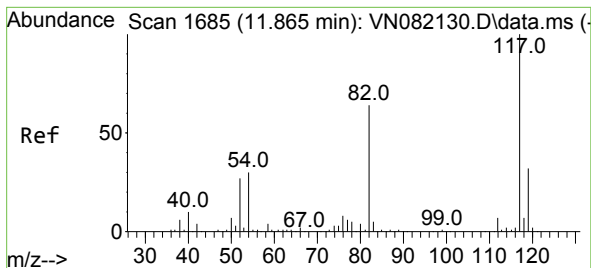
Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
58 153.9 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 51.960 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 95 Resp: 138877
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 73.6 0.0 152.8

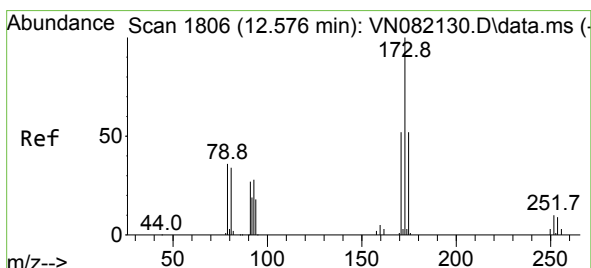
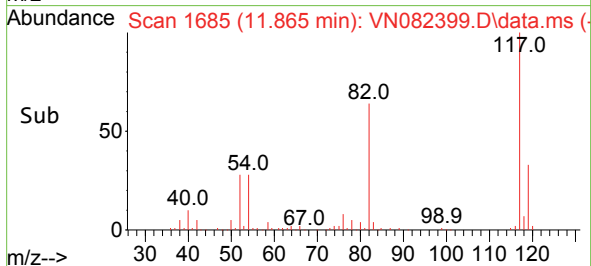
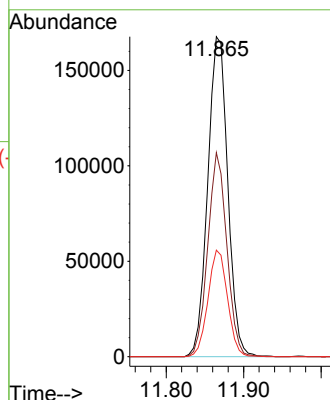
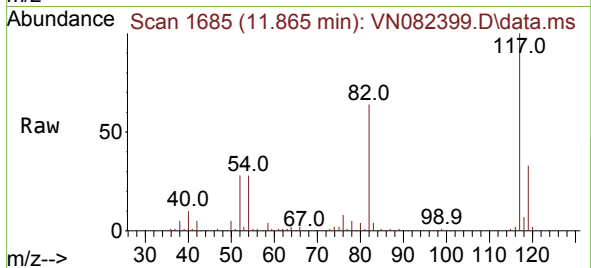




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

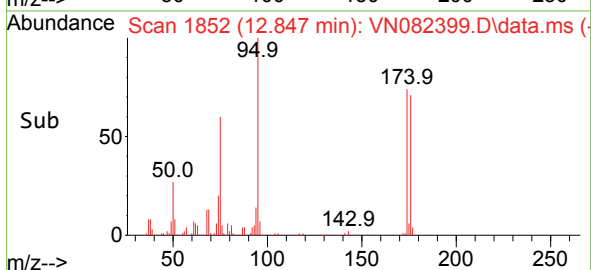
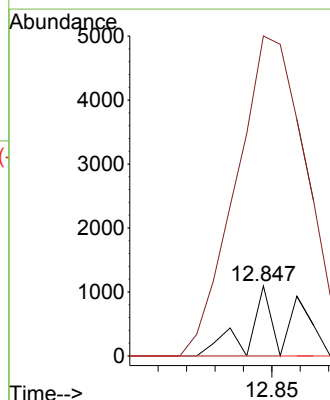
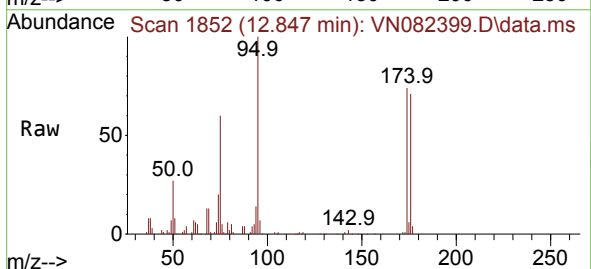
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

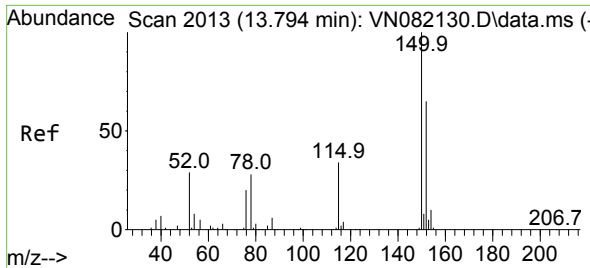
Tgt Ion:117 Resp: 300741
Ion Ratio Lower Upper
117 100
82 63.7 44.6 66.8
119 33.3 25.9 38.9



#71
Bromoform
Concen: 1.046 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion:173 Resp: 609
Ion Ratio Lower Upper
173 100
175 996.6 24.6 74.0#
254 0.0 0.0 0.0

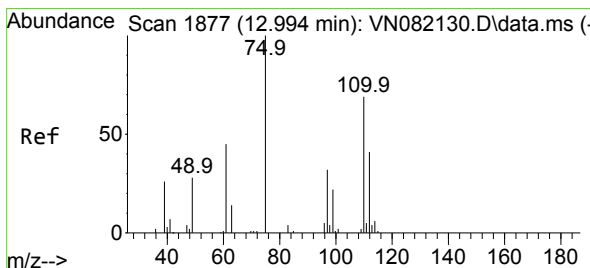
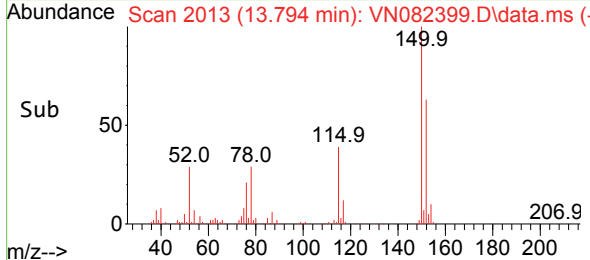
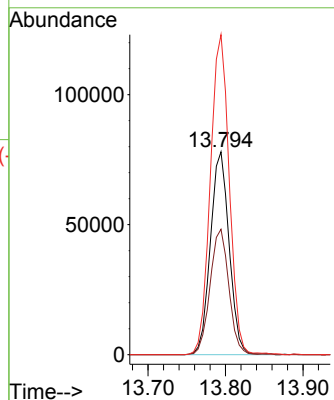
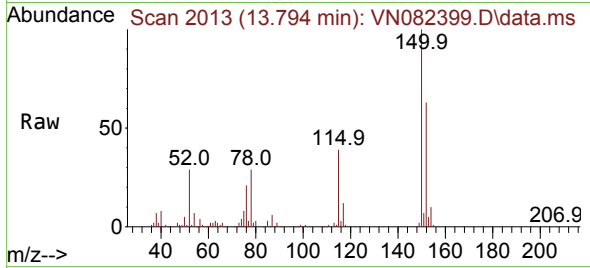




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

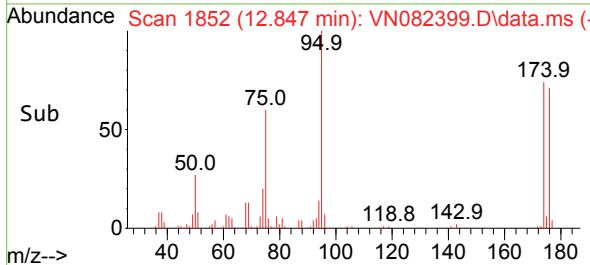
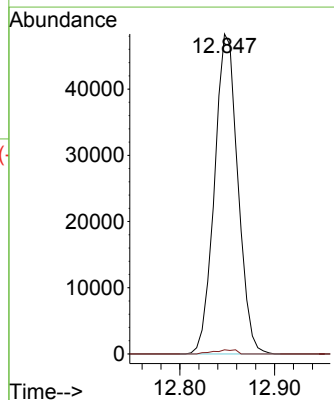
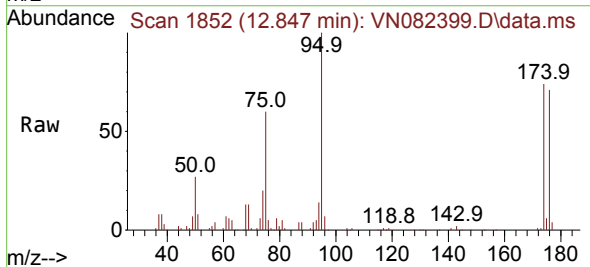
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

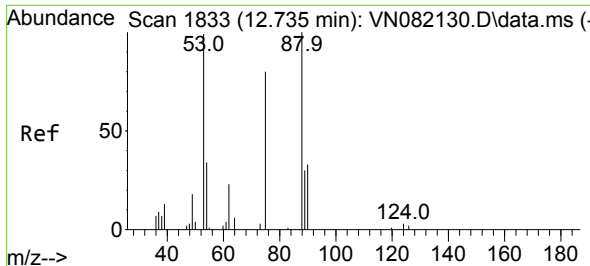
Tgt Ion:152 Resp: 130924
Ion Ratio Lower Upper
152 100
115 62.0 30.4 91.3
150 159.0 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 30.085 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 75 Resp: 82903
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#

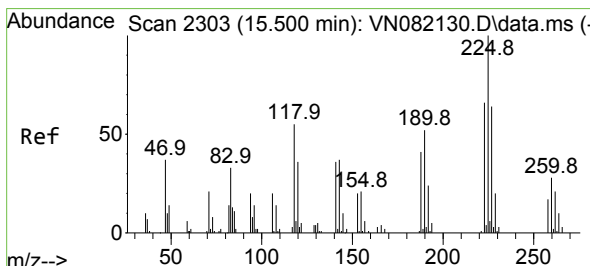
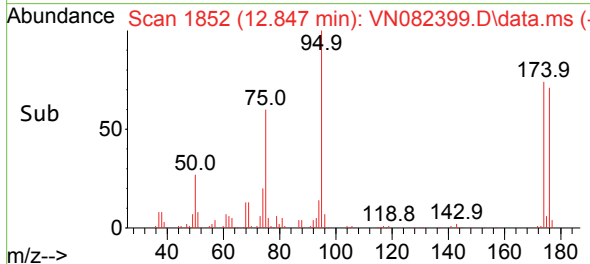
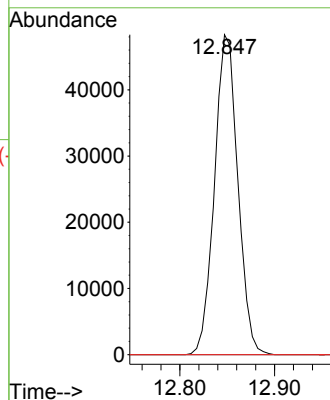
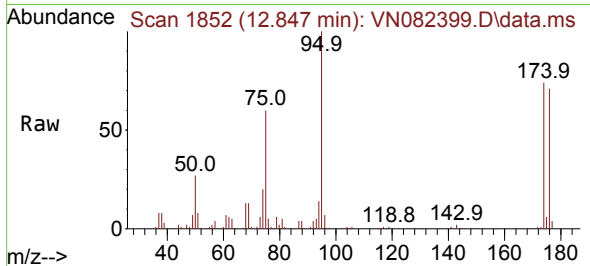




#81
trans-1,4-Dichloro-2-butene
Concen: 70.367 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

Tgt Ion: 75 Resp: 82903
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#94
Hexachlorobutadiene
Concen: 0.218 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN082399.D
Acq: 31 May 2024 11:24

Tgt Ion: 225 Resp: 228
Ion Ratio Lower Upper
225 100
223 32.0 31.1 93.2
227 0.0 30.6 91.6#

