

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082151.D
 Acq On : 16 May 2024 10:46
 Operator : JC\MD
 Sample : VN0516WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBL01

Quant Time: May 17 02:57:08 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	188320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150641	50.659	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.320%	
35) Dibromofluoromethane	8.165	113	104560	51.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	10.565	98	420787	54.524	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.847	95	140402	50.971	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.940%	

Target Compounds			Qvalue			
3) Chloromethane	2.354	50	443	0.144	ug/l #	43
5) Bromomethane	2.971	94	956	0.575	ug/l #	79
6) Chloroethane	3.195	64	72	0.038	ug/l #	44
10) Methyl Iodide	4.589	142	197	0.089	ug/l #	40
13) Acrolein	4.165	56	63	0.178	ug/l #	15
16) Acetone	4.418	43	61	0.050	ug/l #	43
17) Carbon Disulfide	4.718	76	963	0.145	ug/l #	74
18) Methyl Acetate	5.024	43	56	0.018	ug/l #	47
20) Methylene Chloride	5.271	84	83	0.034	ug/l #	53
25) 2-Butanone	7.471	43	54	0.029	ug/l #	43
29) Tetrahydrofuran	7.859	42	130	0.109	ug/l #	29
31) Cyclohexane	8.224	56	5588	1.177	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	17829	5.281	ug/l #	49
37) Ethyl Acetate	7.471	43	54	0.014	ug/l #	68
38) Carbon Tetrachloride	8.230	117	20174	5.895	ug/l #	15
42) 1,2-Dichloroethane	8.671	62	284	0.073	ug/l #	73
43) Isopropyl Acetate	8.741	43	63	0.009	ug/l #	52
48) Methyl methacrylate	9.853	41	54	0.017	ug/l #	8
51) 4-Methyl-2-Pentanone	10.565	43	2773	0.729	ug/l #	1
52) Toluene	10.629	92	55	0.009	ug/l #	64
59) 2-Hexanone	11.147	43	93	0.033	ug/l #	23
65) Chlorobenzene	11.894	112	64	0.009	ug/l #	43
67) Ethyl Benzene	11.965	91	77	0.006	ug/l #	43
68) m/p-Xylenes	12.076	106	90	0.020	ug/l #	47
71) Bromoform	12.835	173	213	0.820	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	82805	31.242	ug/l #	1
78) n-propylbenzene	13.029	91	297	0.025	ug/l #	52
79) 2-Chlorotoluene	13.123	91	139	0.019	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	116	0.014	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.853	75	82805	73.074	ug/l #	12
82) 4-Chlorotoluene	13.218	91	351	0.048	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.623	105	56	0.007	ug/l #	31
85) sec-Butylbenzene	13.623	105	56	0.006	ug/l #	56
86) p-Isopropyltoluene	13.741	119	140	0.018	ug/l #	50
87) 1,3-Dichlorobenzene	13.735	146	192	0.044	ug/l #	24
88) 1,4-Dichlorobenzene	13.812	146	164	0.037	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

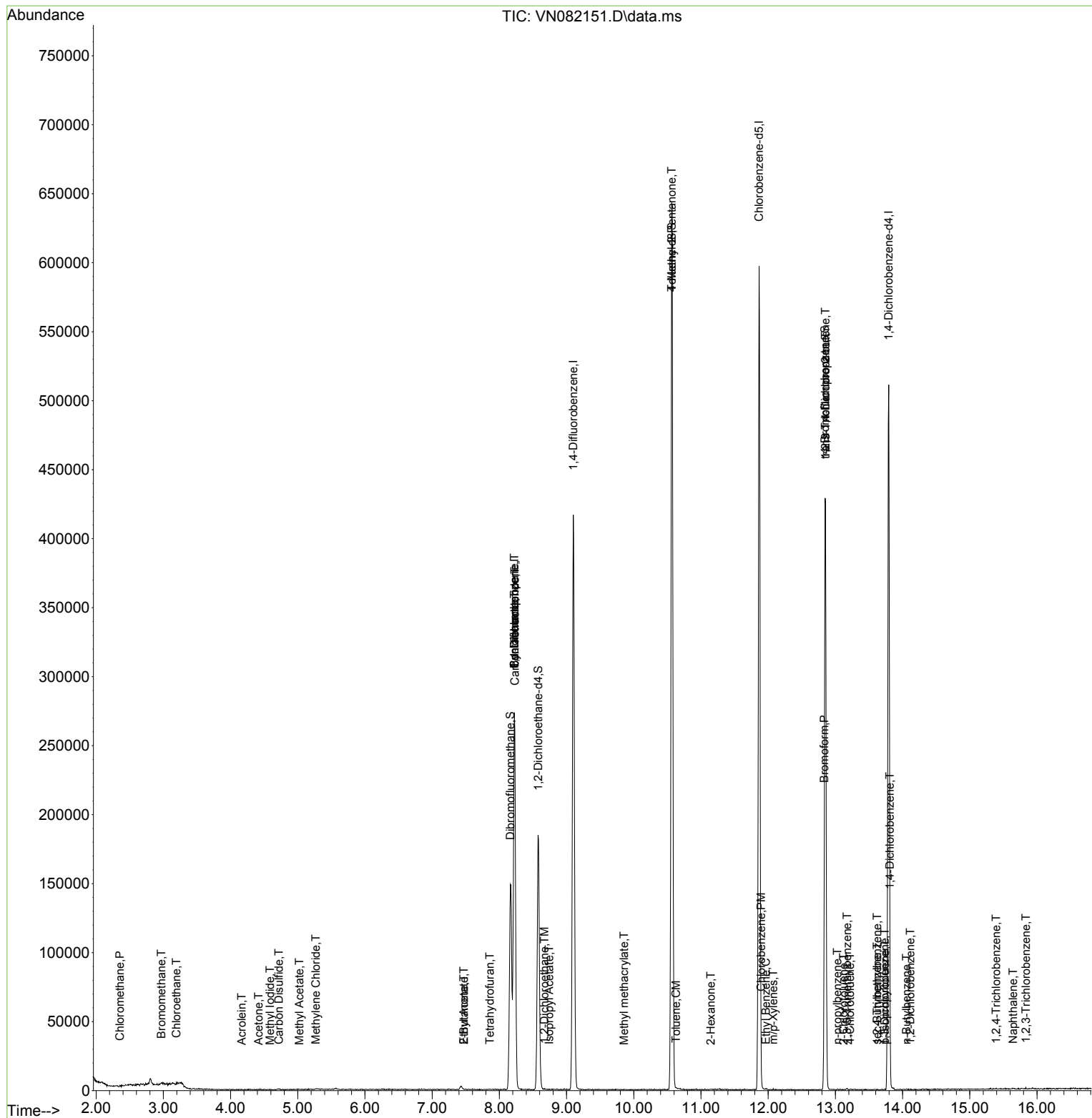
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.059	91	215	0.030	ug/l #	33
91) 1,2-Dichlorobenzene	14.117	146	58	0.014	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.394	180	54	0.024	ug/l #	57
95) Naphthalene	15.647	128	787	0.110	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	66	0.029	ug/l #	82

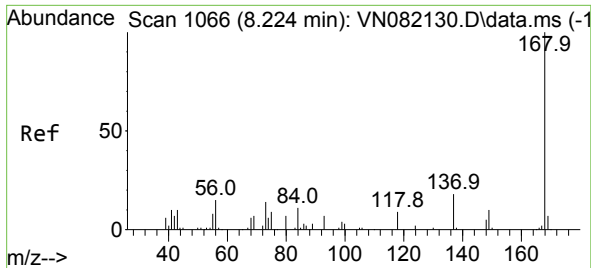
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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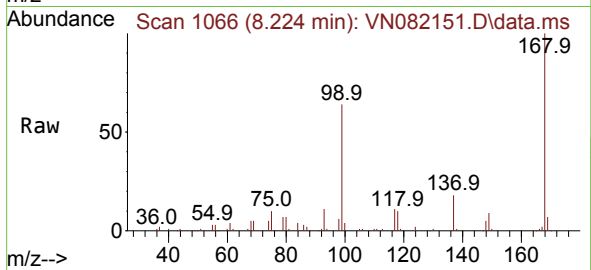
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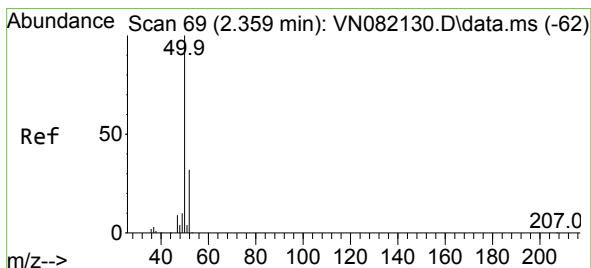
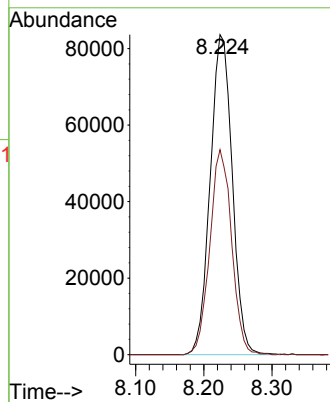
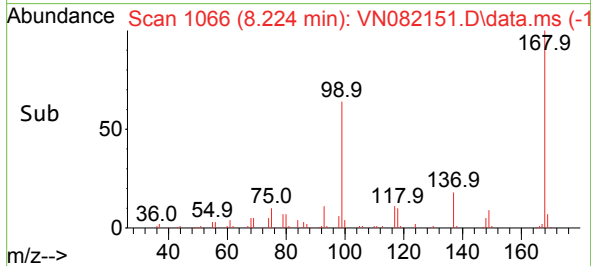


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082151.D
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ClientSampleId :
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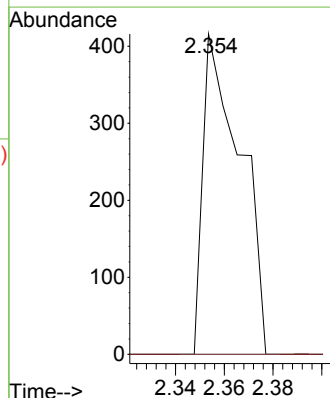
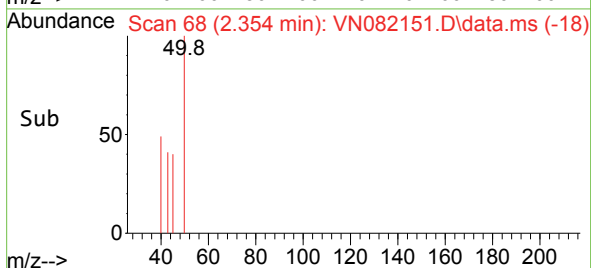
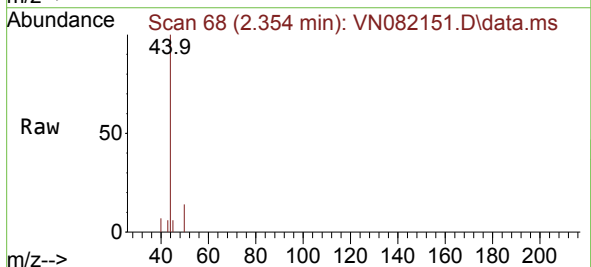


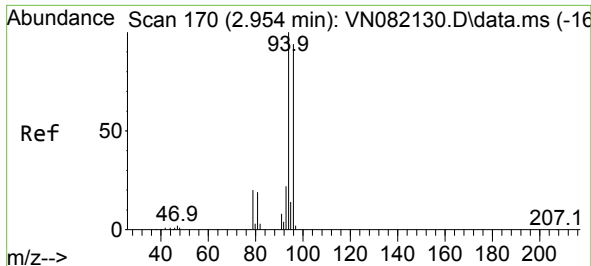
Tgt Ion:168 Resp: 188320
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#3
Chloromethane
Concen: 0.144 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

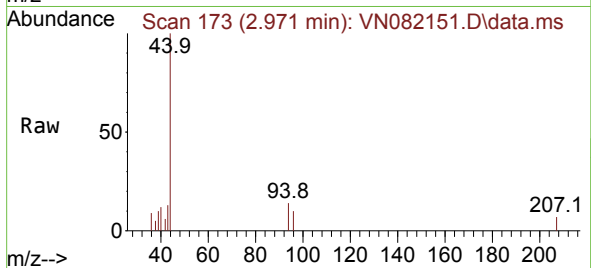
Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



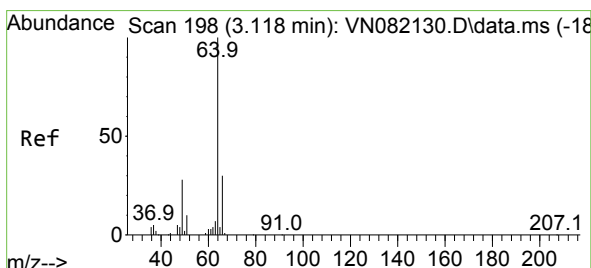
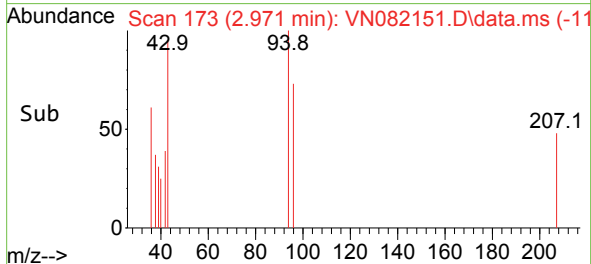
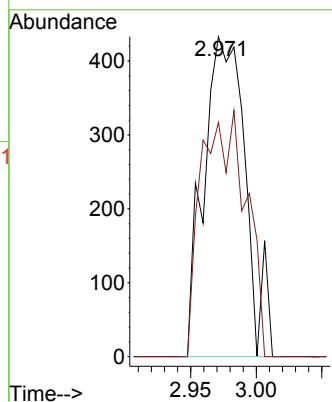


#5
Bromomethane
Concen: 0.575 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

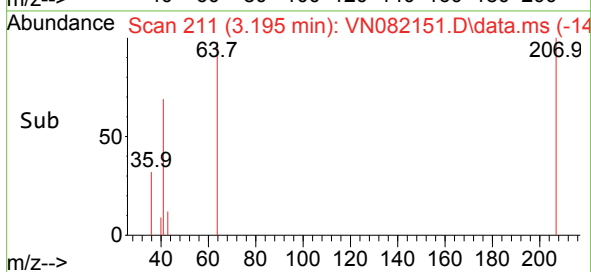
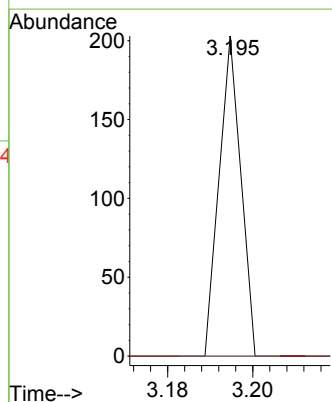
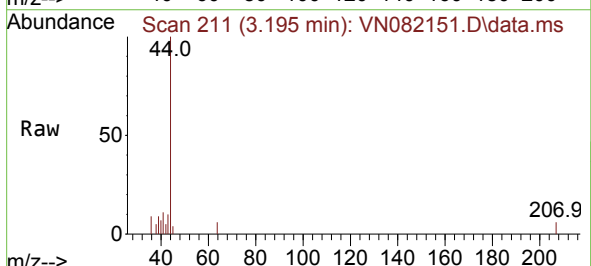


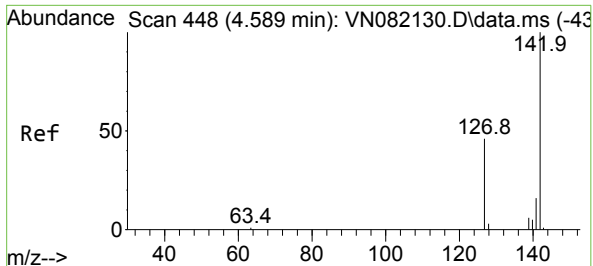
Tgt Ion: 94 Resp: 956
Ion Ratio Lower Upper
94 100
96 73.2 74.8 112.2#



#6
Chloroethane
Concen: 0.038 ug/l
RT: 3.195 min Scan# 211
Delta R.T. 0.076 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

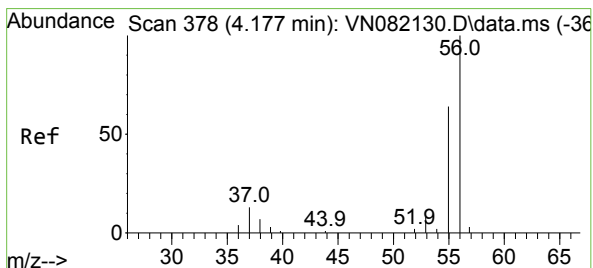
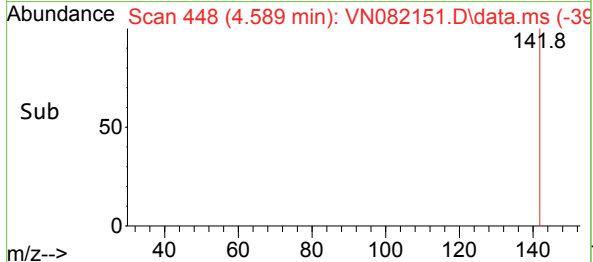
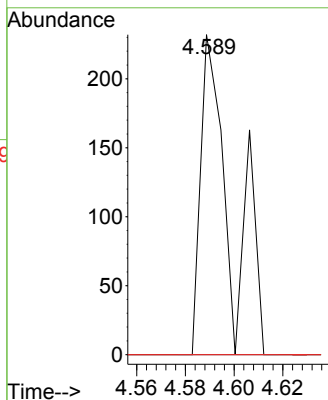
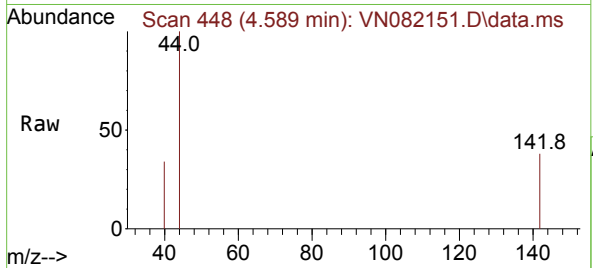




#10
Methyl Iodide
Concen: 0.089 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

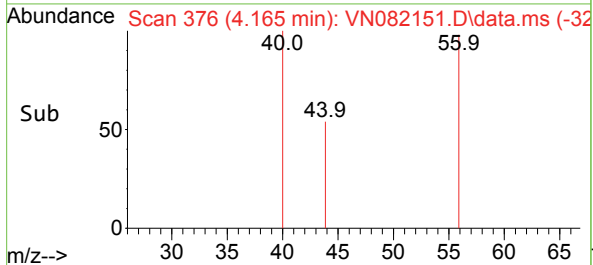
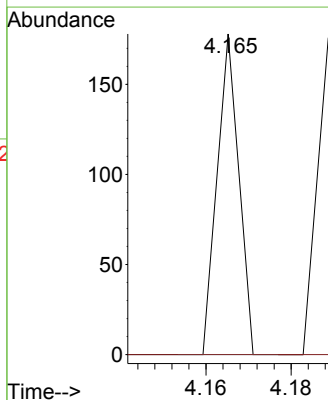
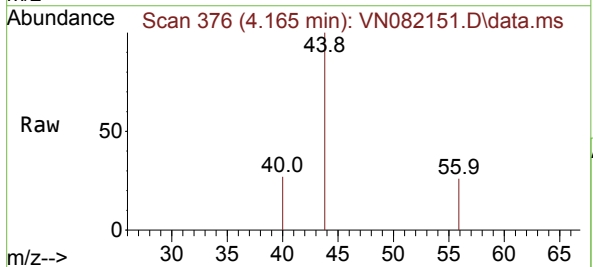
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

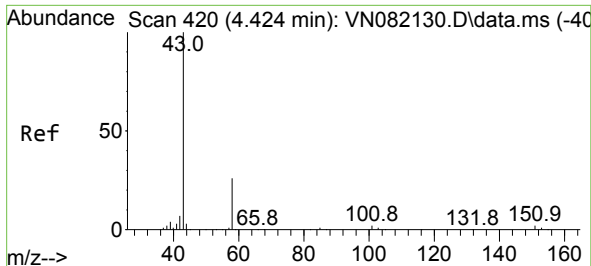
Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.178 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

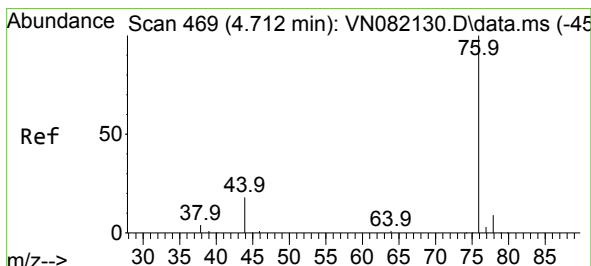
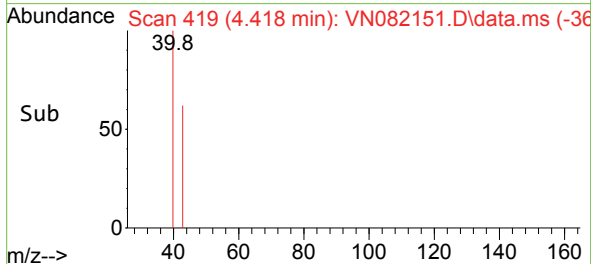
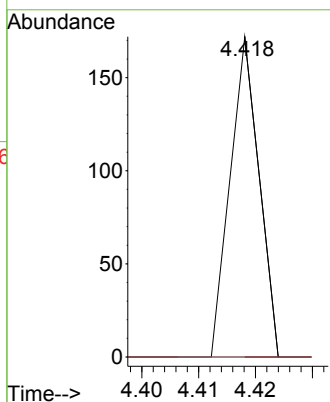
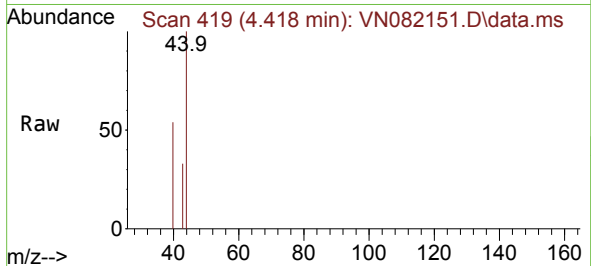




#16
Acetone
Concen: 0.050 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

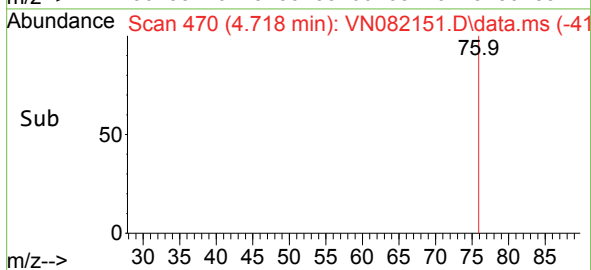
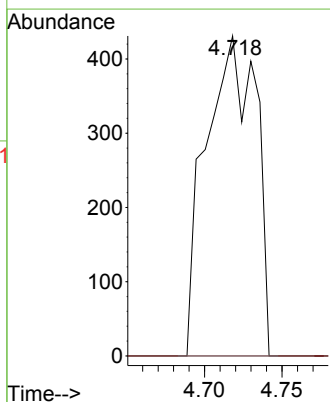
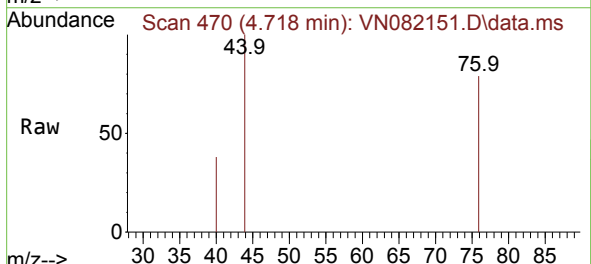
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

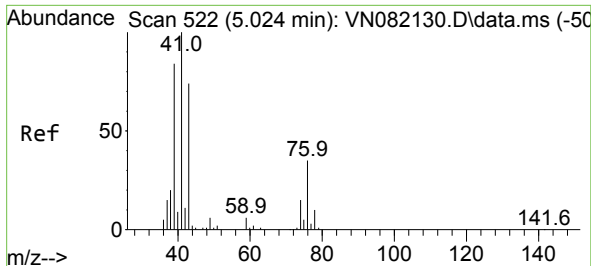
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.145 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

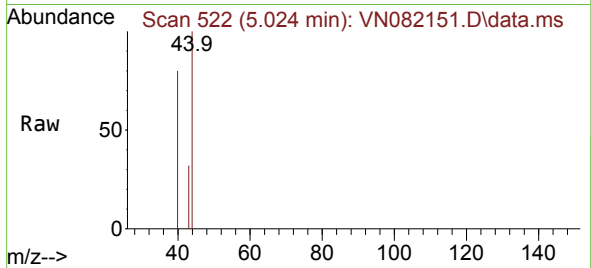
Tgt Ion: 76 Resp: 963
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



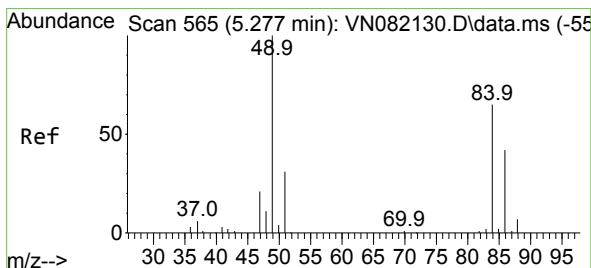
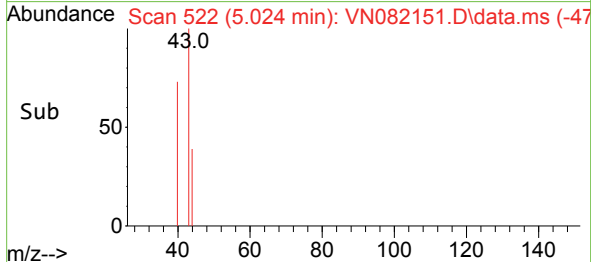
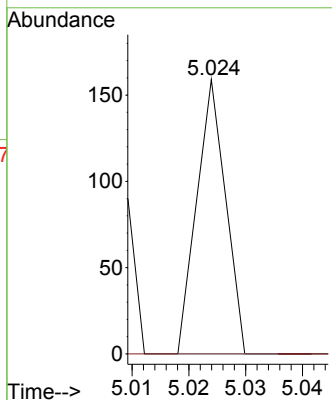


#18
Methyl Acetate
Concen: 0.018 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082151.D
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ClientSampleId :
VN0516WBL01

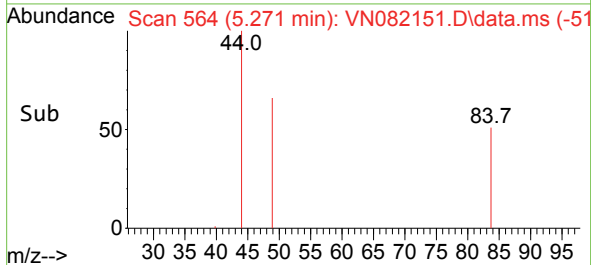
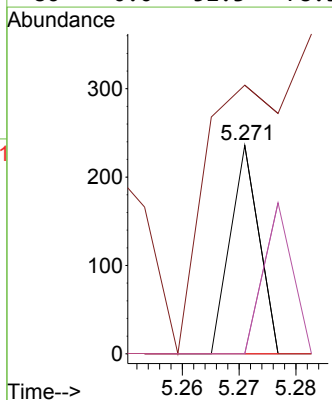
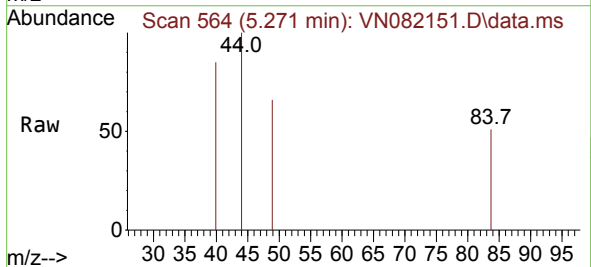


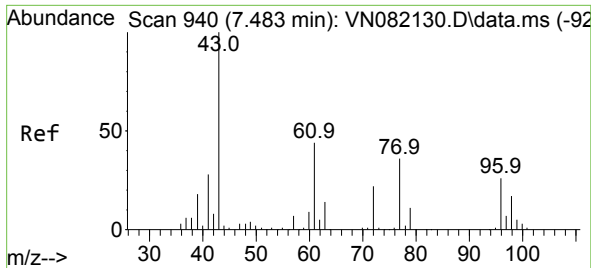
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.034 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 84 Resp: 83
Ion Ratio Lower Upper
84 100
49 128.8 84.9 127.3#
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#

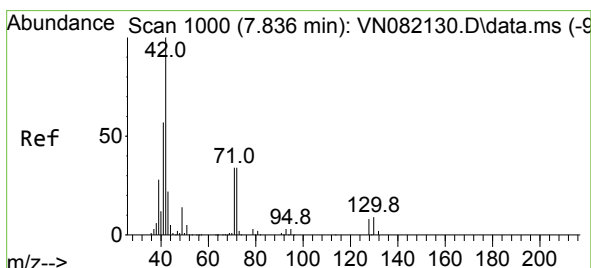
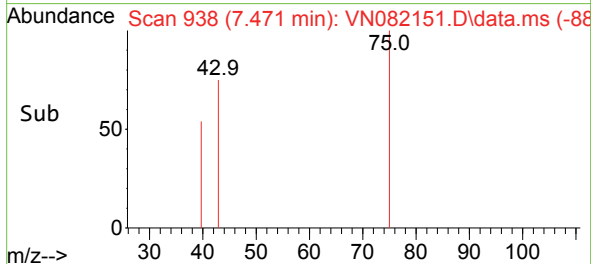
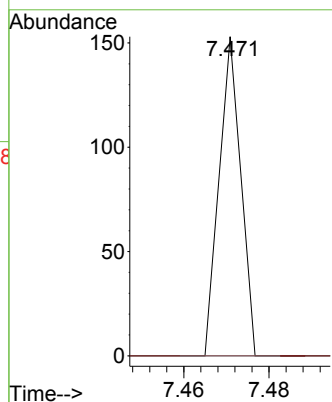
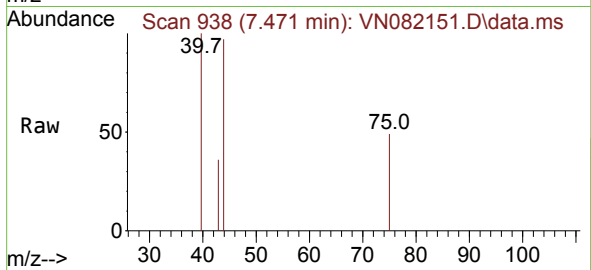




#25
2-Butanone
Concen: 0.029 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

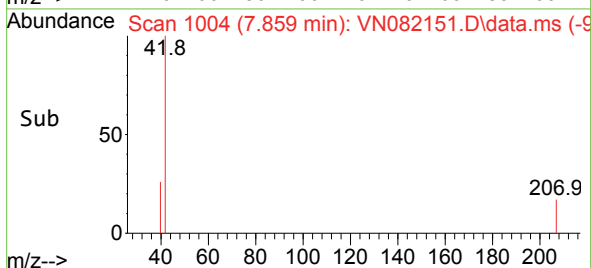
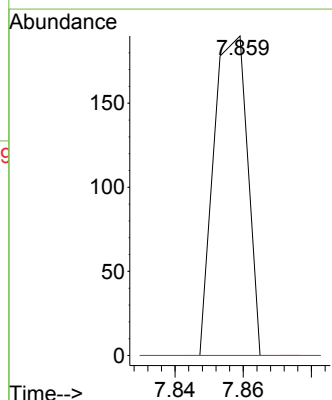
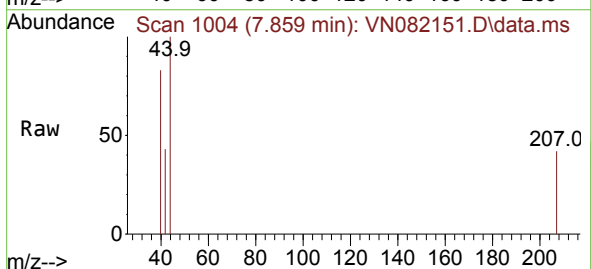
Instrument :
MSVOA_N
ClientSampleId :
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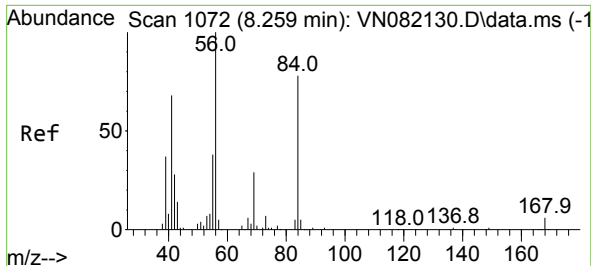
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.109 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.023 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

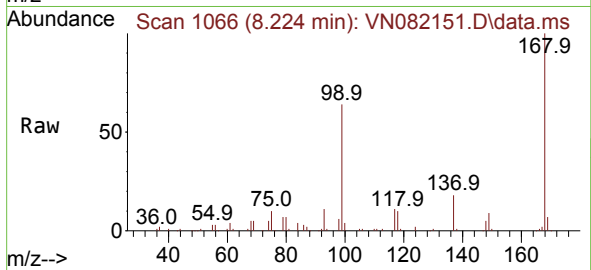
Tgt Ion: 42 Resp: 130
Ion Ratio Lower Upper
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72 0.0 39.3 58.9#
71 0.0 37.4 56.0#



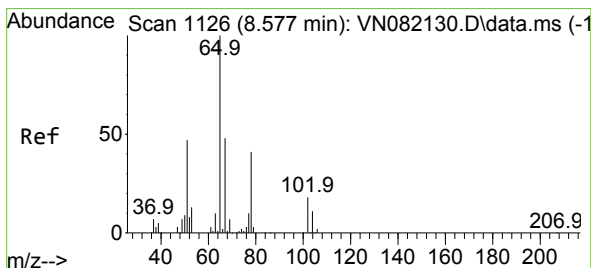
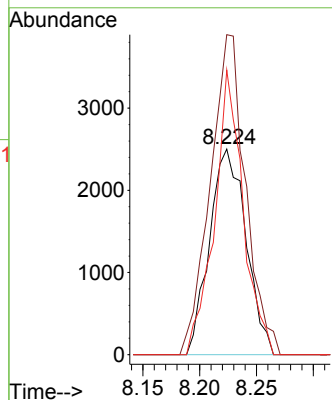
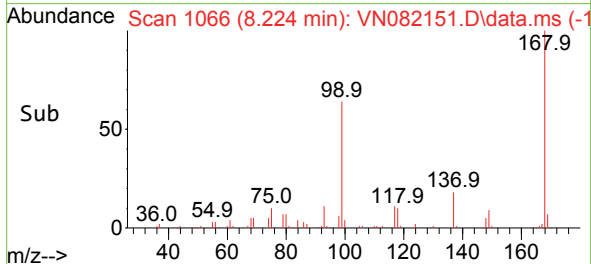


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

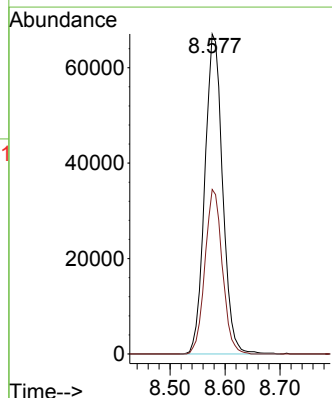
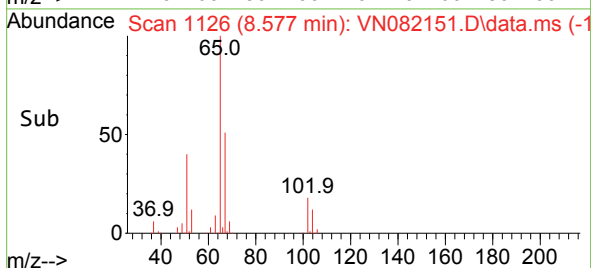
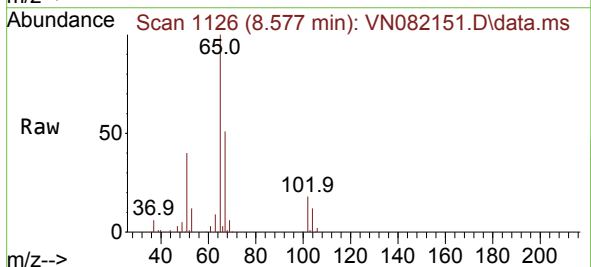


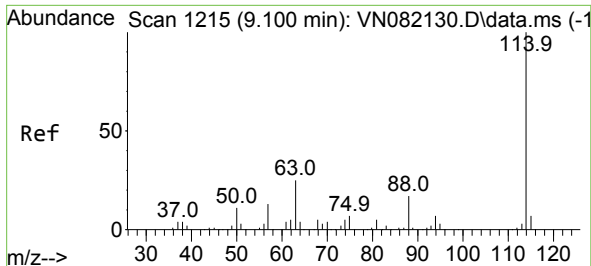
Tgt Ion: 56 Resp: 5588
Ion Ratio Lower Upper
56 100
69 155.6 24.4 36.6#
84 138.4 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 50.659 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 65 Resp: 150641
Ion Ratio Lower Upper
65 100
67 50.2 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: VN082151.D

Acq: 16 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBL01

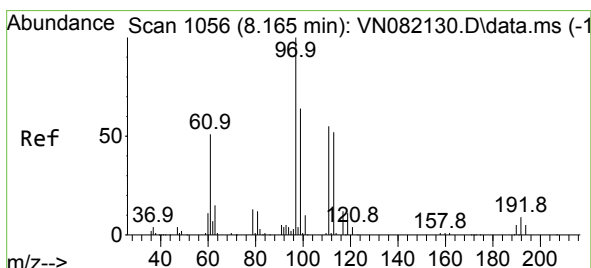
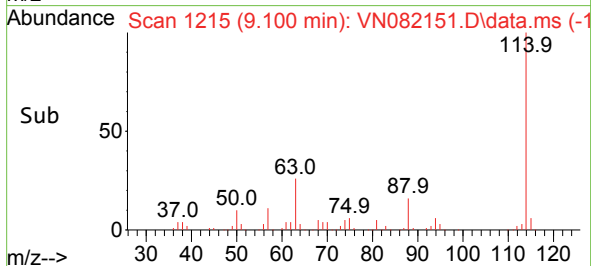
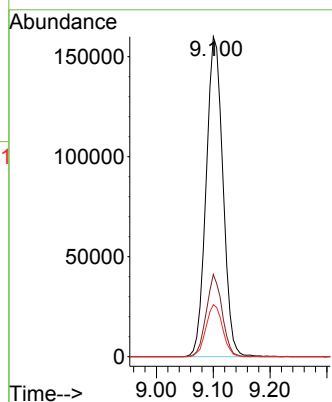
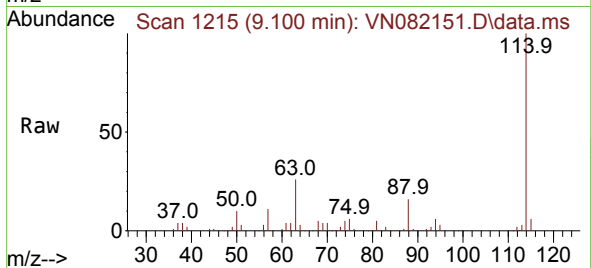
Tgt Ion:114 Resp: 327227

Ion Ratio Lower Upper

114 100

63 25.7 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.944 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082151.D

Acq: 16 May 2024 10:46

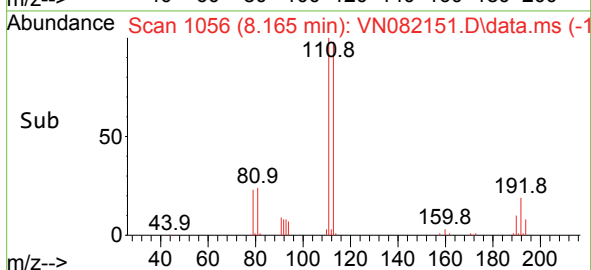
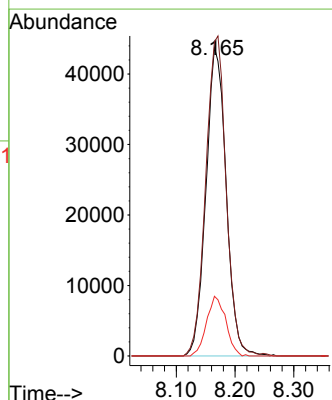
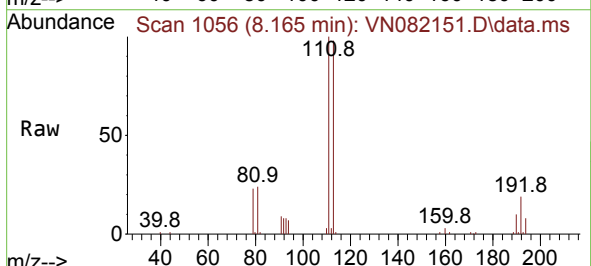
Tgt Ion:113 Resp: 104560

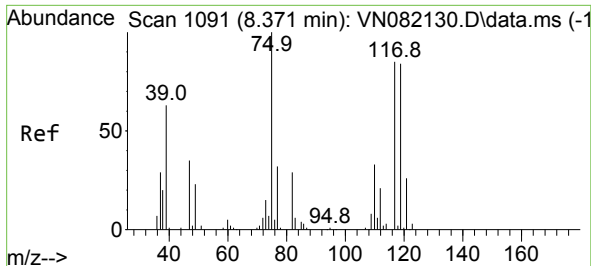
Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.2

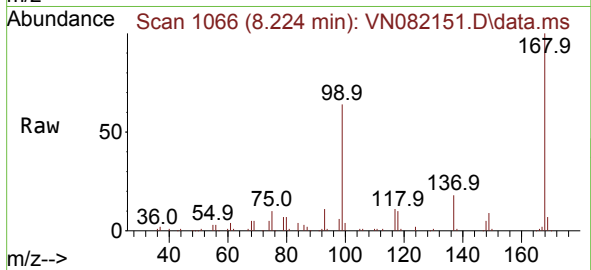
192 18.4 14.0 21.0



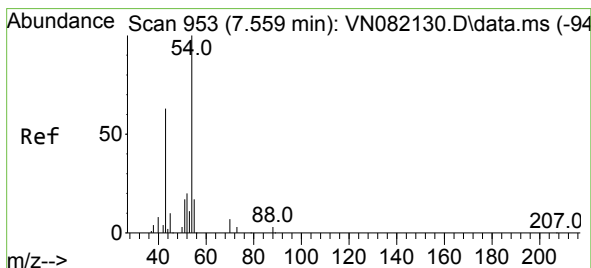
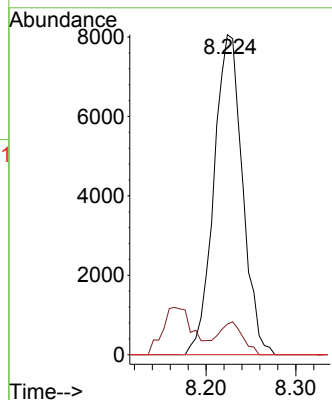
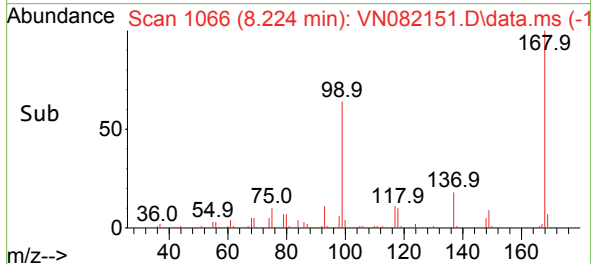


#36
1,1-Dichloropropene
Concen: 5.281 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

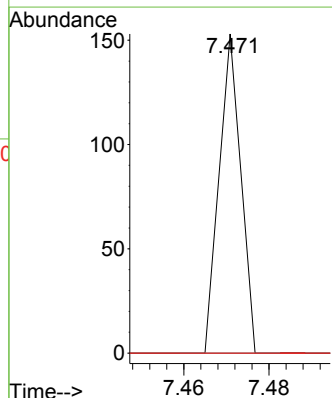
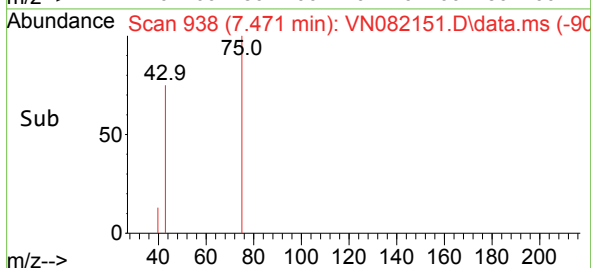
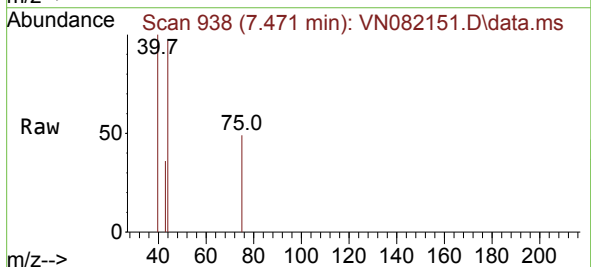


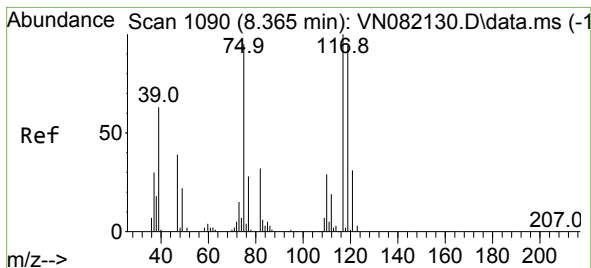
Tgt Ion: 75 Resp: 17829
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.014 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.088 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.895 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN082151.D

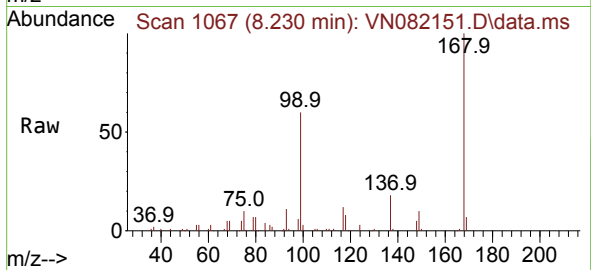
Acq: 16 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBL01



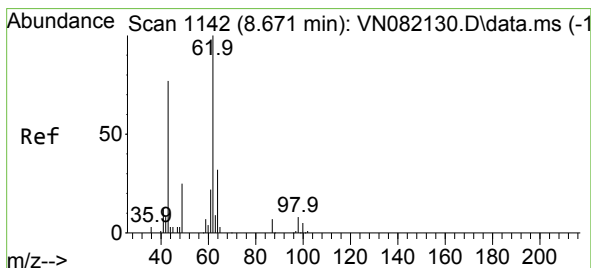
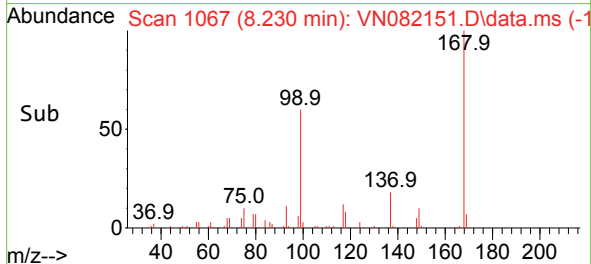
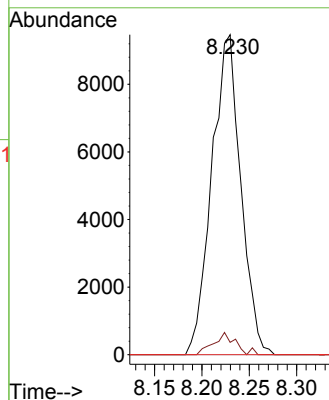
Tgt Ion:117 Resp: 20174

Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.073 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN082151.D

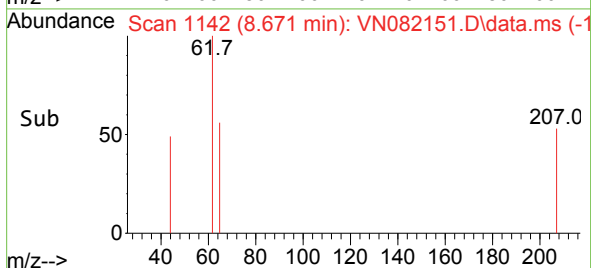
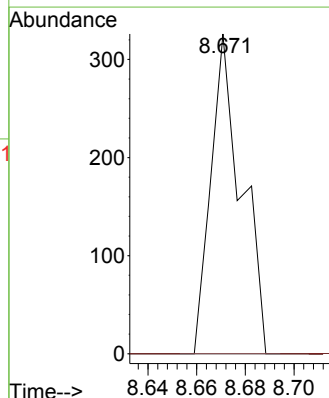
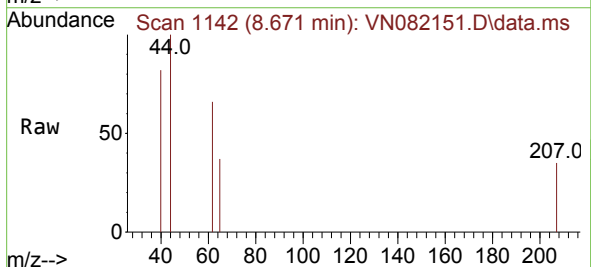
Acq: 16 May 2024 10:46

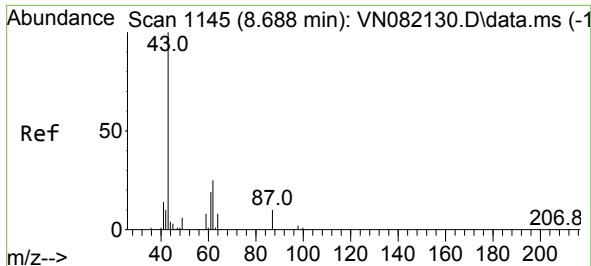
Tgt Ion: 62 Resp: 284

Ion Ratio Lower Upper

62 100

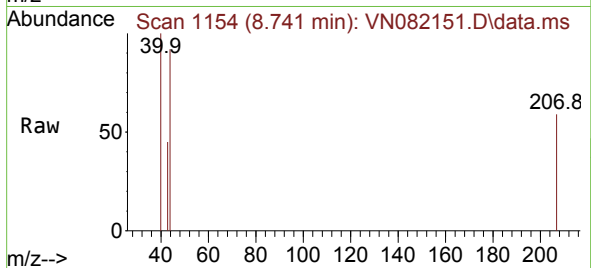
98 0.0 0.0 19.6



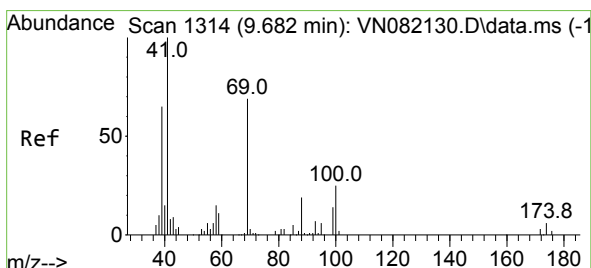
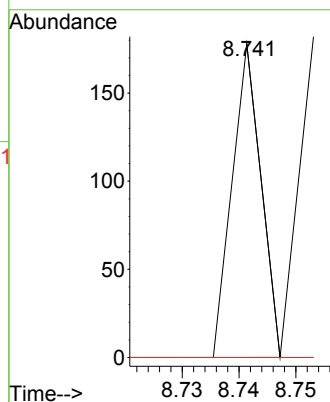
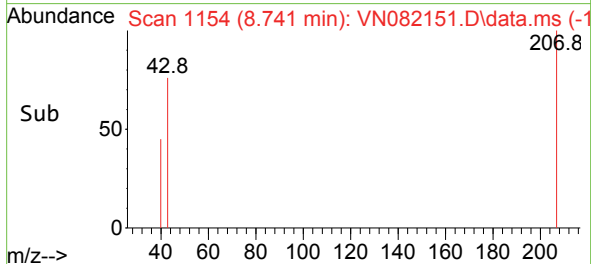


#43
Isopropyl Acetate
Concen: 0.009 ug/l
RT: 8.741 min Scan# 1145
Delta R.T. 0.053 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

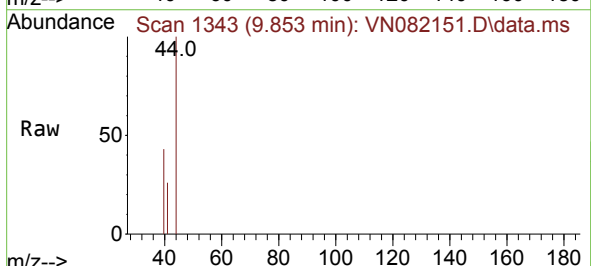
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01



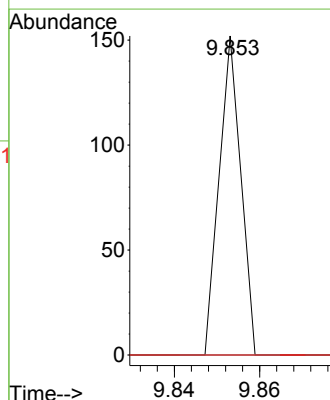
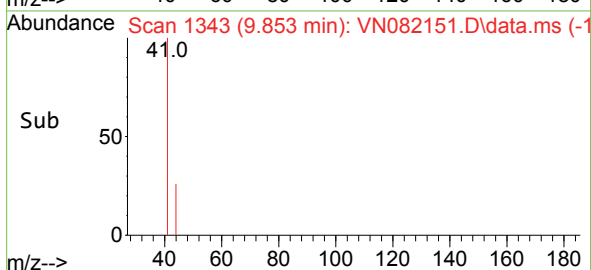
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

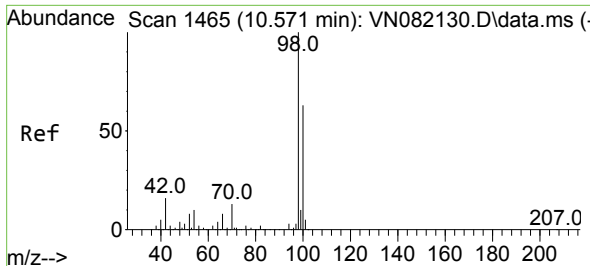


#48
Methyl methacrylate
Concen: 0.017 ug/l
RT: 9.853 min Scan# 1343
Delta R.T. 0.171 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46



Tgt Ion: 41 Resp: 54
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 0.0 50.9 76.3#

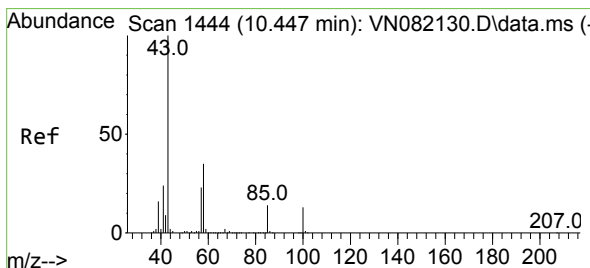
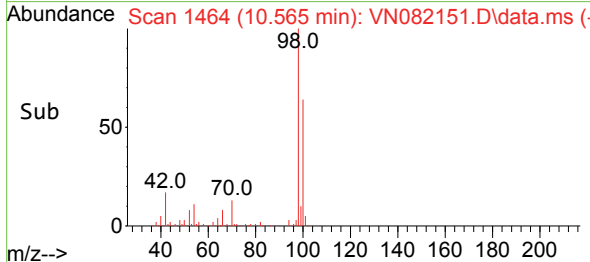
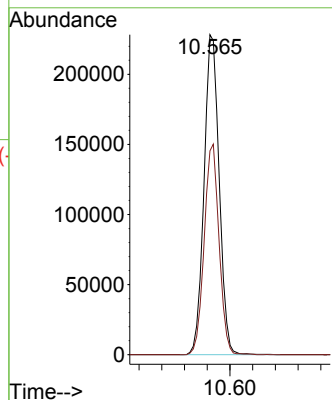
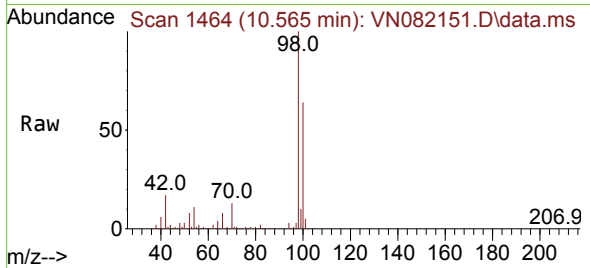




#50
Toluene-d8
Concen: 54.524 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

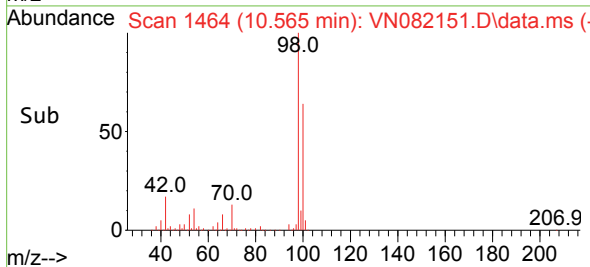
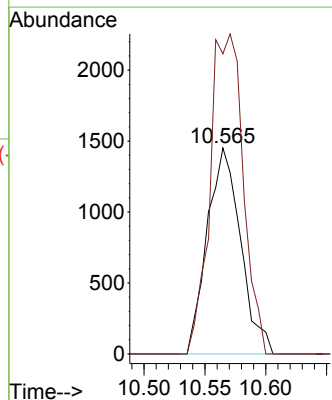
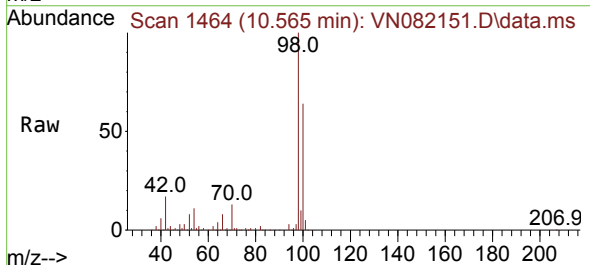
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

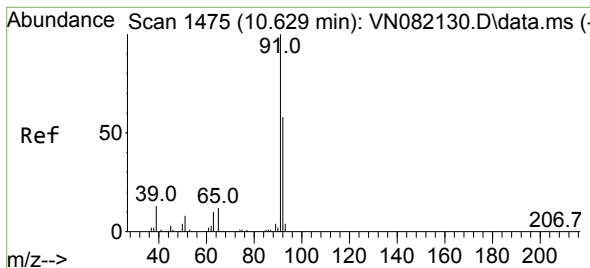
Tgt Ion: 98 Resp: 420787
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.729 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
58 154.3 33.2 49.8#





#52

Toluene

Concen: 0.009 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082151.D

Acq: 16 May 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

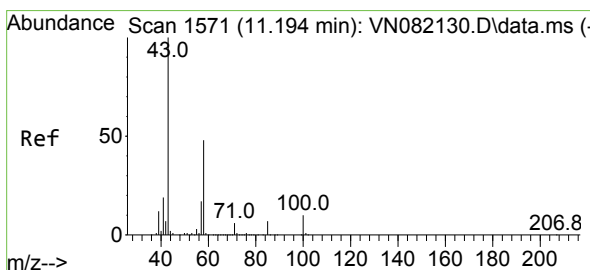
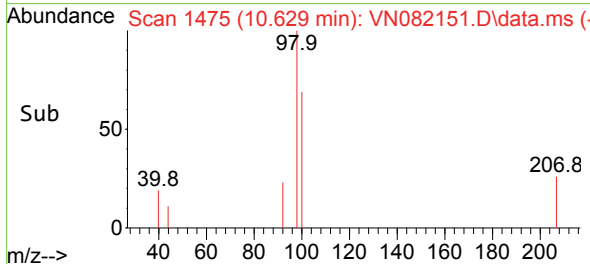
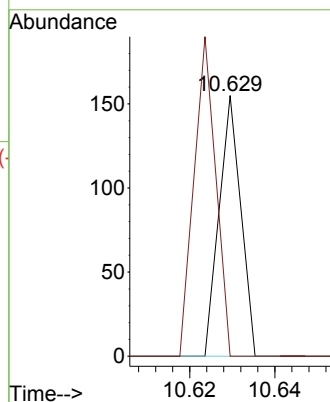
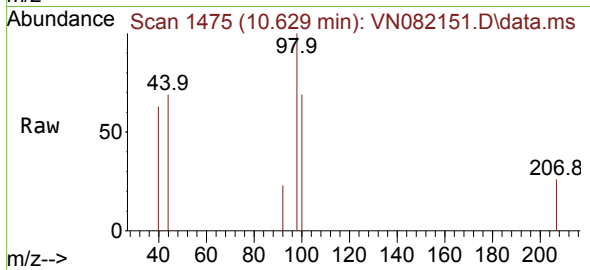
VN0516WBL01

Tgt Ion: 92 Resp: 55

Ion Ratio Lower Upper

92 100

91 121.8 136.7 205.1#



#59

2-Hexanone

Concen: 0.033 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. -0.047 min

Lab File: VN082151.D

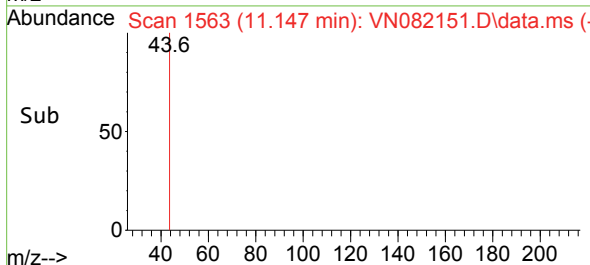
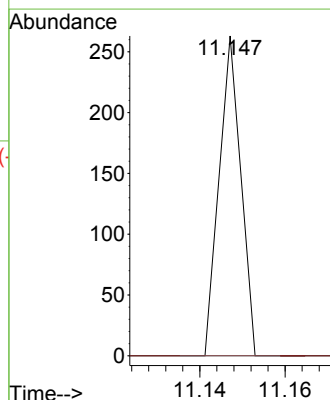
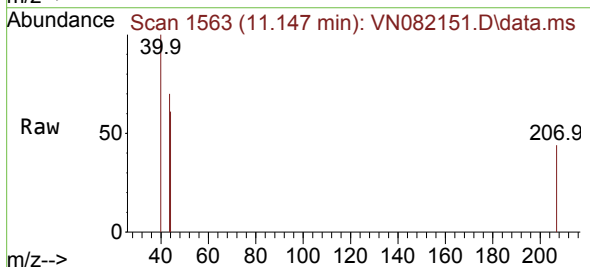
Acq: 16 May 2024 10:46

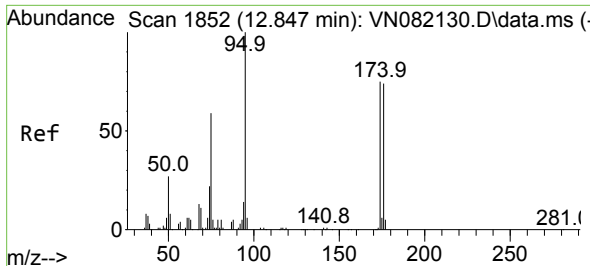
Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

58 0.0 28.3 84.9#

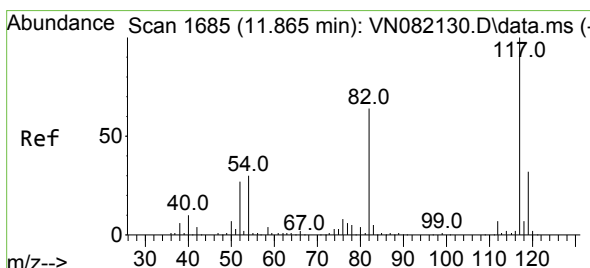
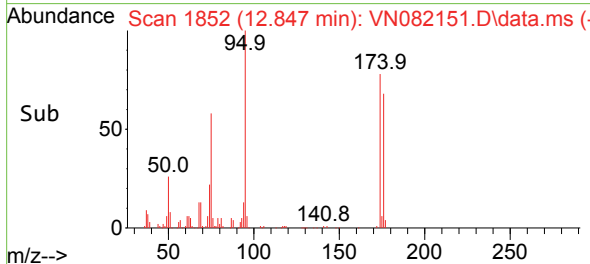
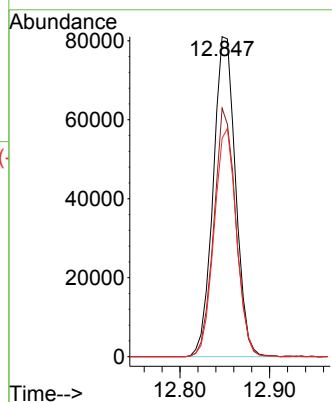
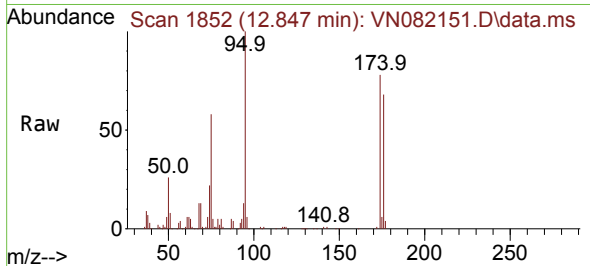




#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

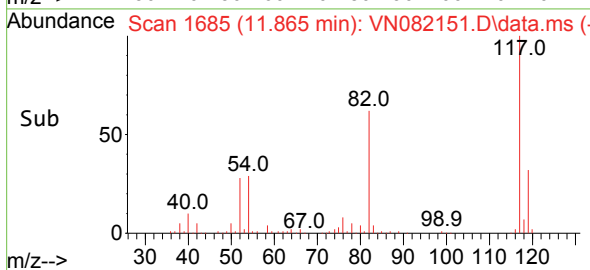
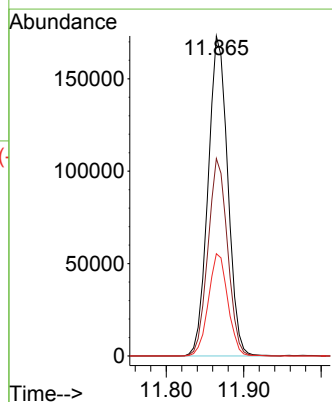
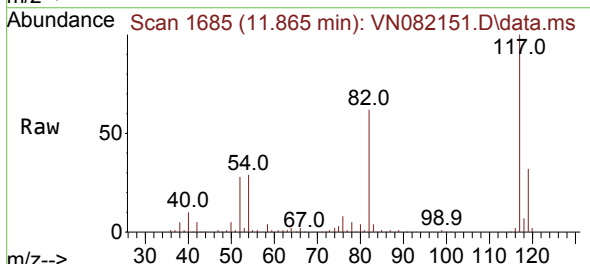
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

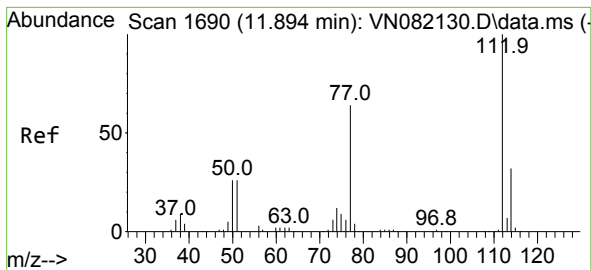
Tgt Ion: 95 Resp: 140402
Ion Ratio Lower Upper
95 100
174 75.8 0.0 160.6
176 71.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 117 Resp: 305154
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 31.9 25.9 38.9

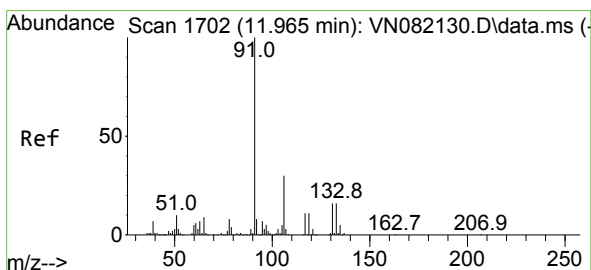
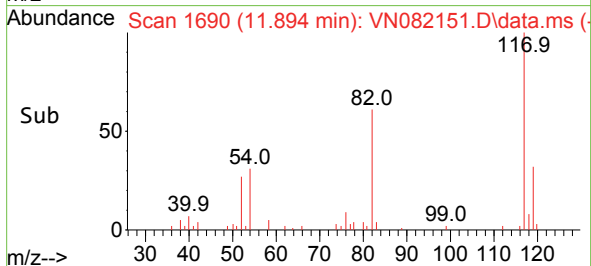
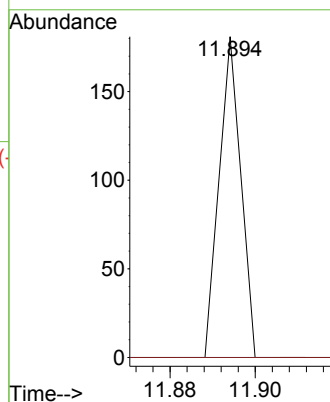
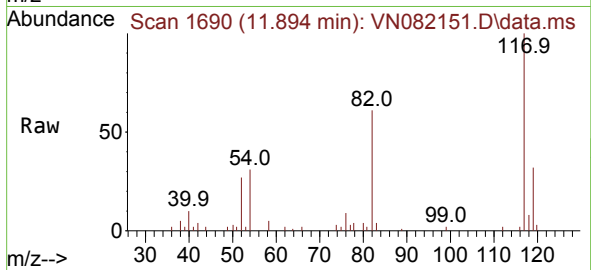




#65
Chlorobenzene
Concen: 0.009 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

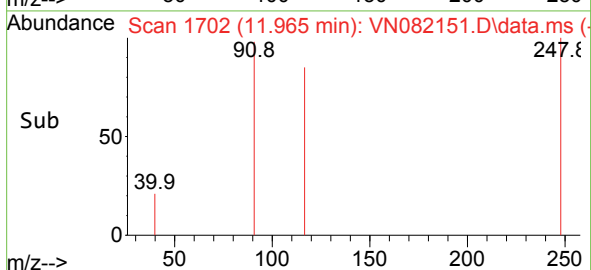
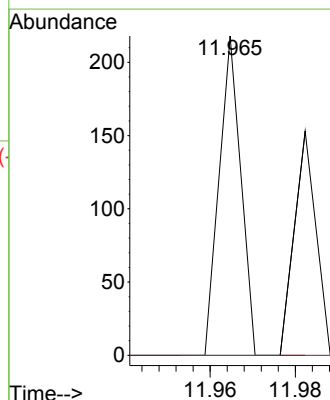
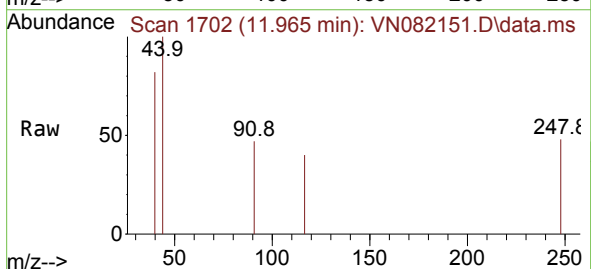
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

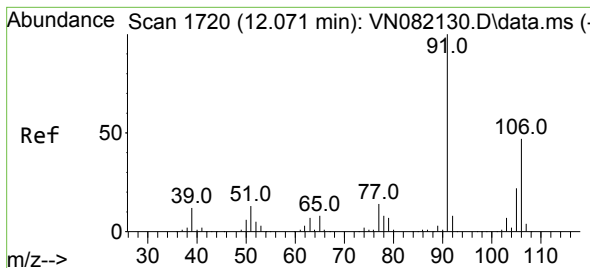
Tgt Ion:112 Resp: 64
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.006 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 91 Resp: 77
Ion Ratio Lower Upper
91 100
106 0.0 25.3 37.9#

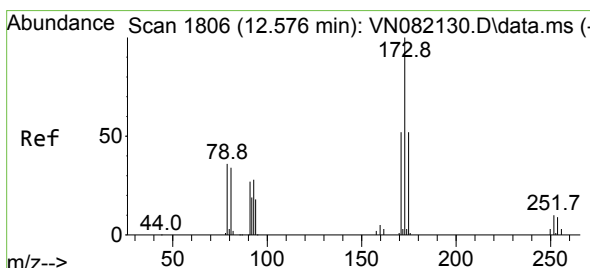
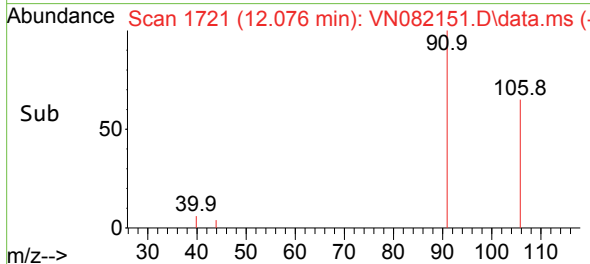
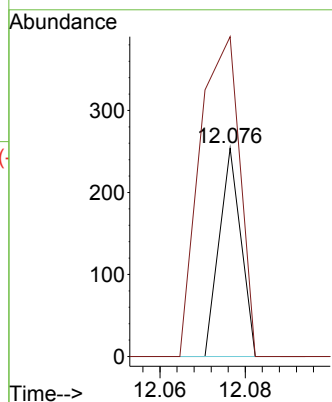
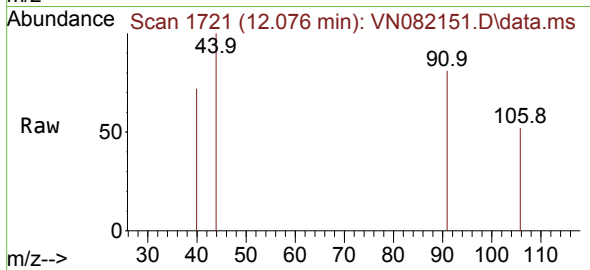




#68
m/p-Xylenes
Concen: 0.020 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

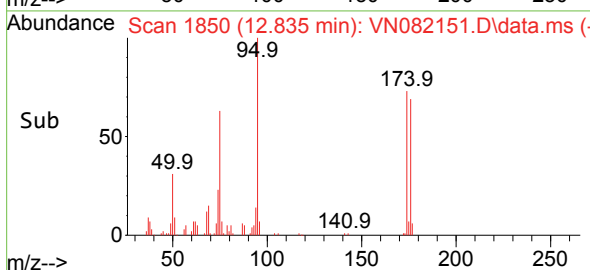
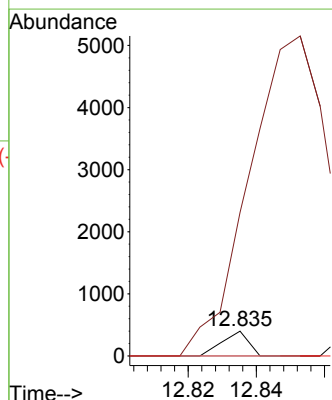
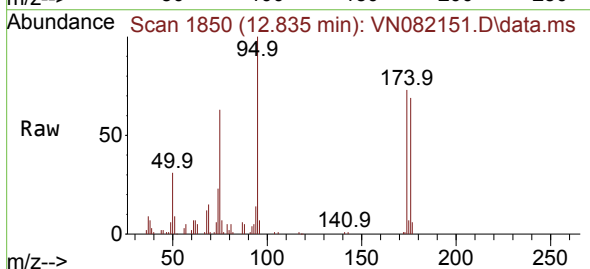
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

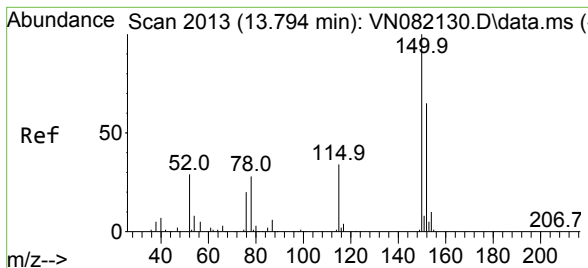
Tgt Ion:106 Resp: 90
Ion Ratio Lower Upper
106 100
91 280.0 159.4 239.0#



#71
Bromoform
Concen: 0.820 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion:173 Resp: 213
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

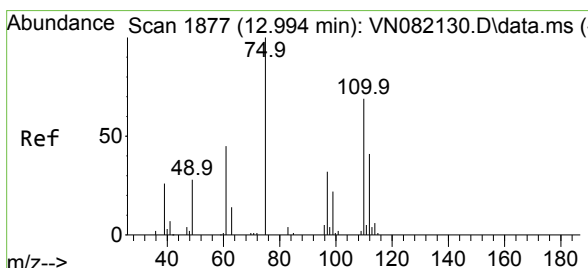
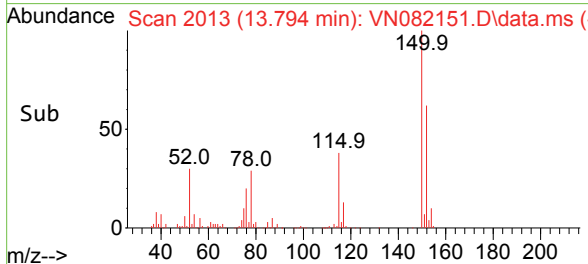
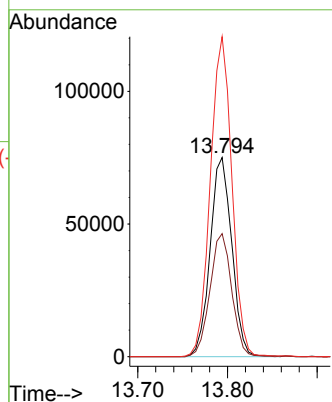
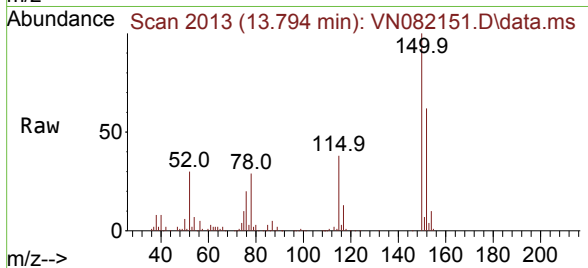




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

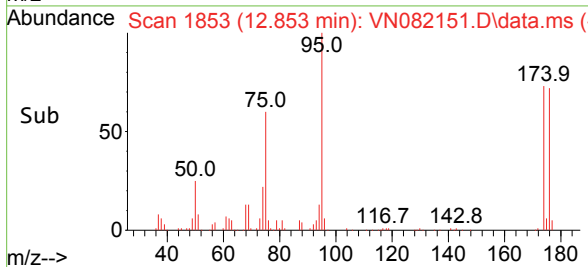
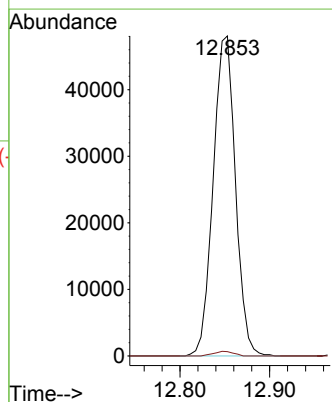
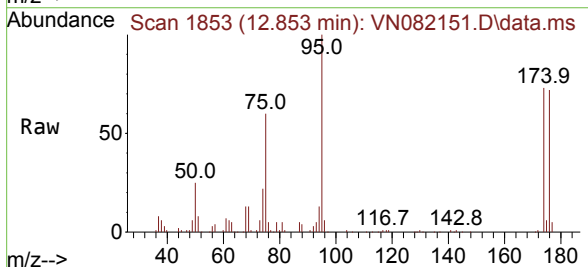
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBL01

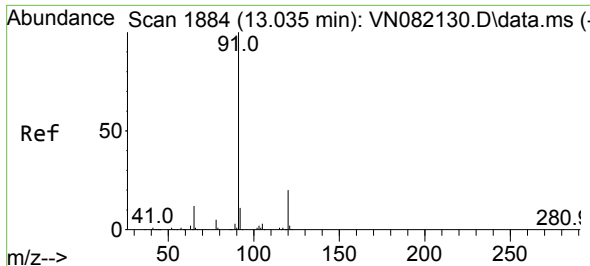
Tgt Ion:152 Resp: 125926
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.4 91.3
 150 159.6 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 31.242 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

Tgt Ion: 75 Resp: 82805
 Ion Ratio Lower Upper
 75 100
 77 1.3 90.5 271.3#

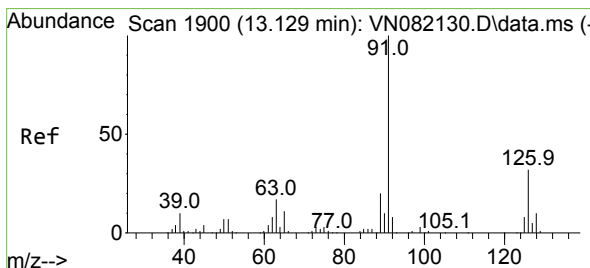
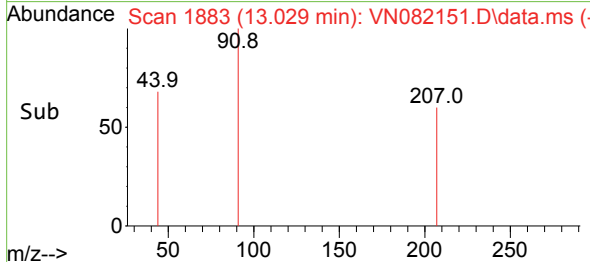
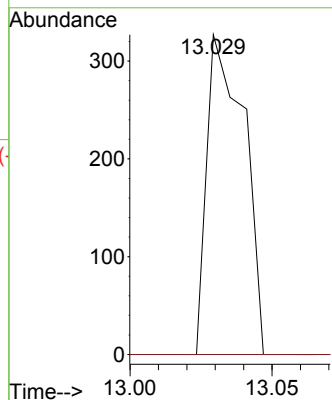
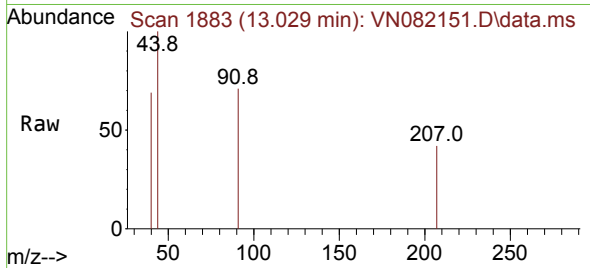




#78
n-propylbenzene
Concen: 0.025 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

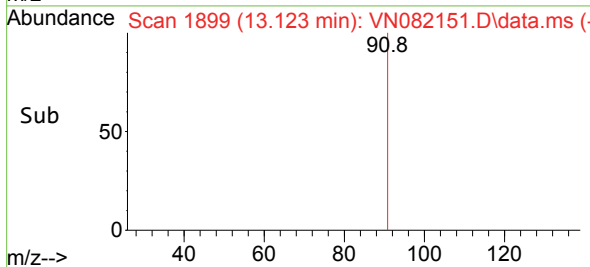
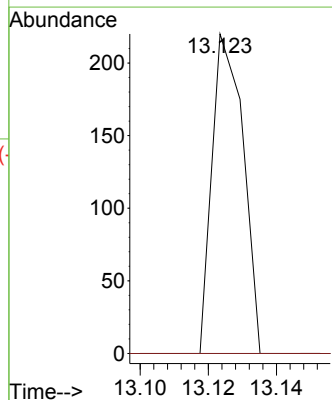
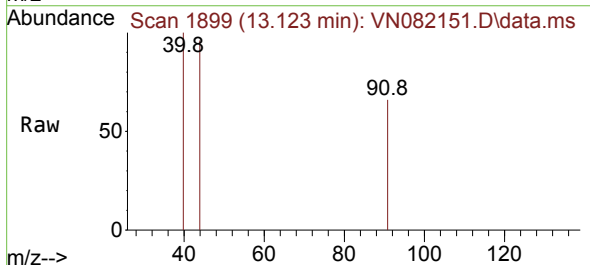
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

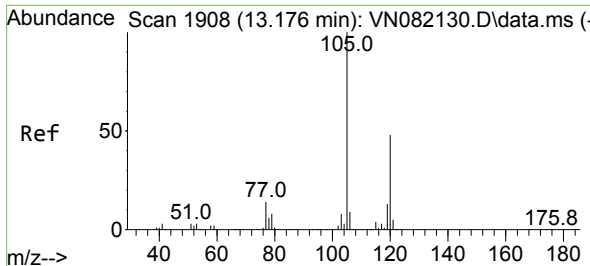
Tgt Ion: 91 Resp: 297
Ion Ratio Lower Upper
91 100
120 0.0 11.7 35.0#



#79
2-Chlorotoluene
Concen: 0.019 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 91 Resp: 139
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#

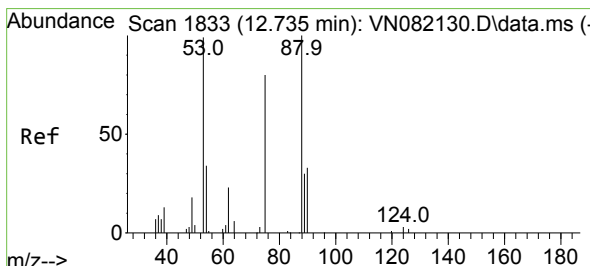
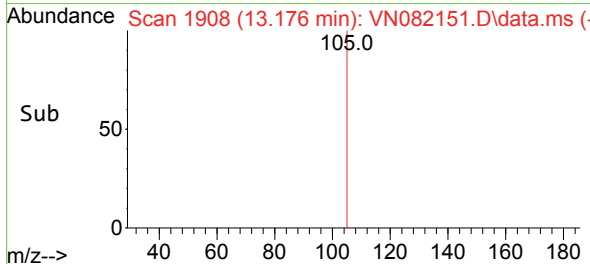
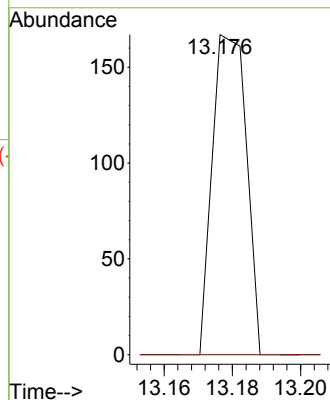
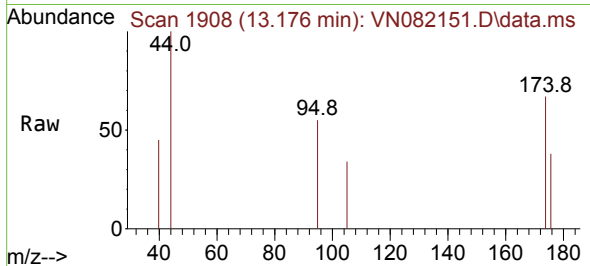




#80
 1,3,5-Trimethylbenzene
 Concen: 0.014 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

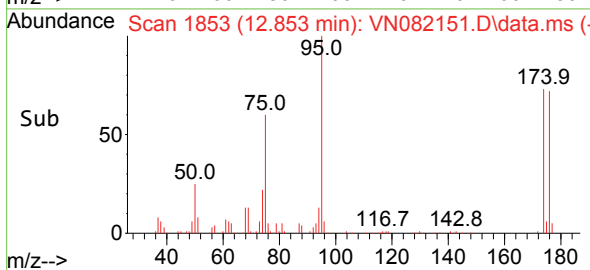
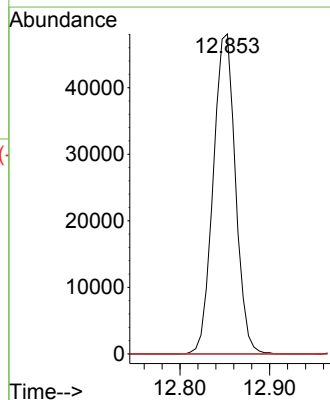
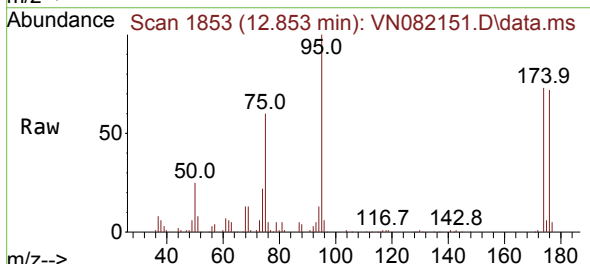
Instrument : MSVOA_N
 ClientSampleId : VN0516WBL01

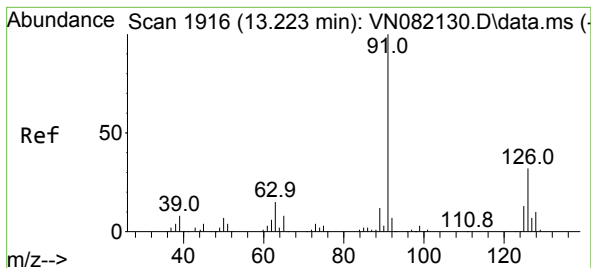
Tgt Ion:105 Resp: 116
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.8 74.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.074 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

Tgt Ion: 75 Resp: 82805
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

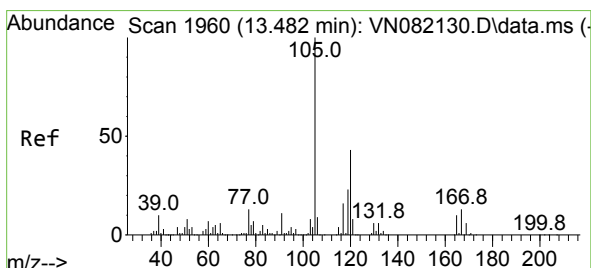
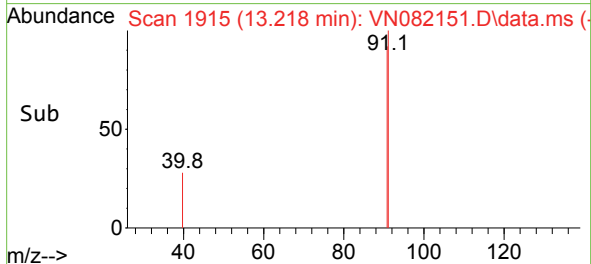
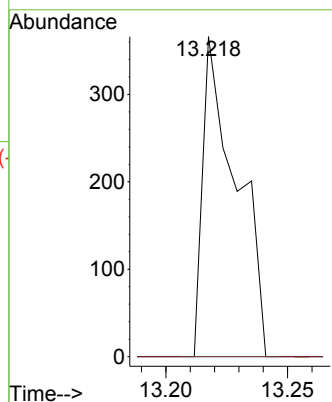
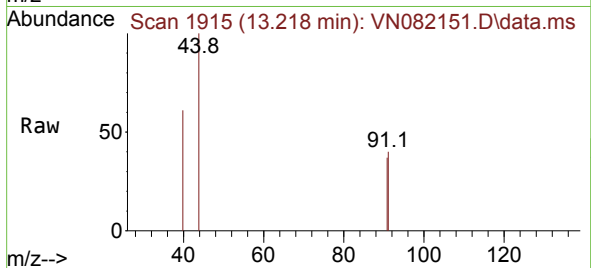




#82
 4-Chlorotoluene
 Concen: 0.048 ug/l
 RT: 13.218 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

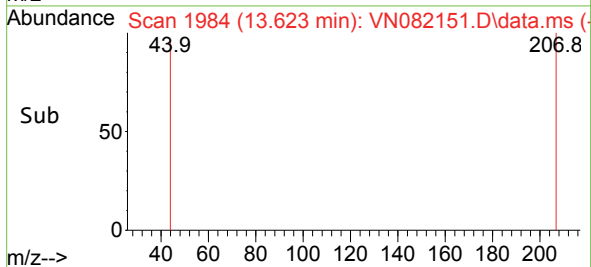
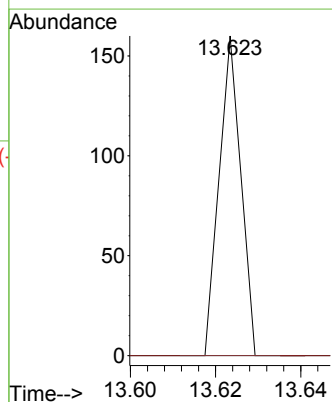
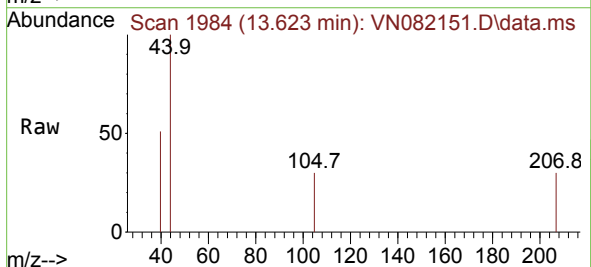
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBL01

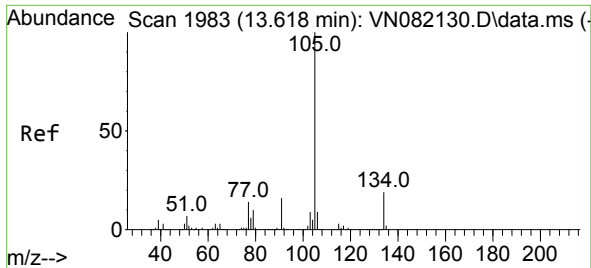
Tgt Ion: 91 Resp: 351
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.007 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.141 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

Tgt Ion: 105 Resp: 56
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.7#

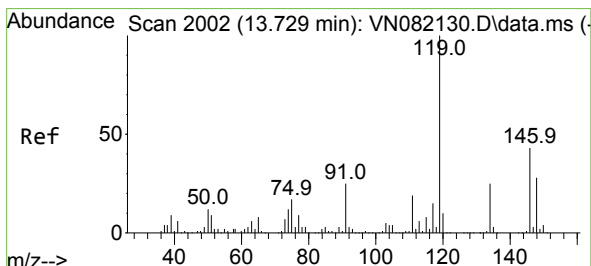
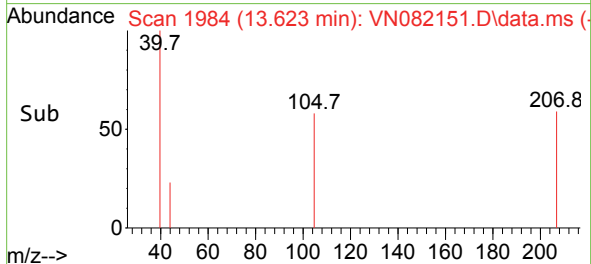
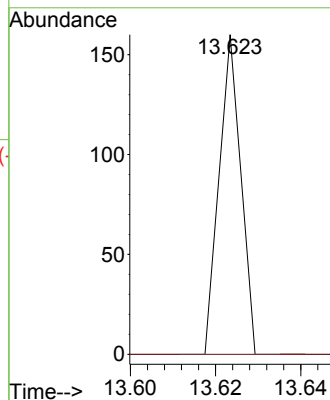
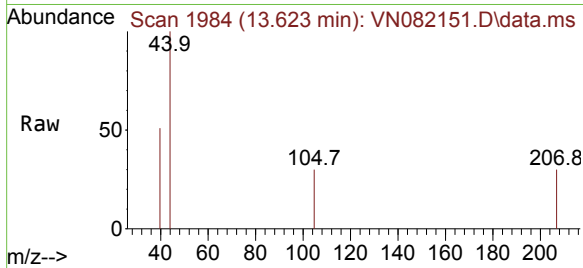




#85
sec-Butylbenzene
Concen: 0.006 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

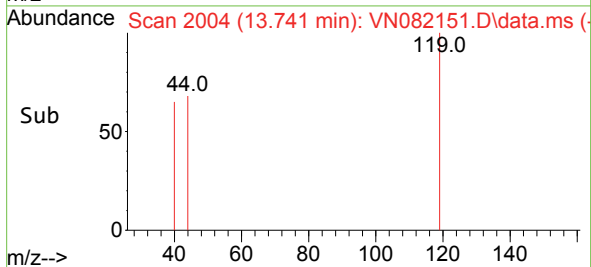
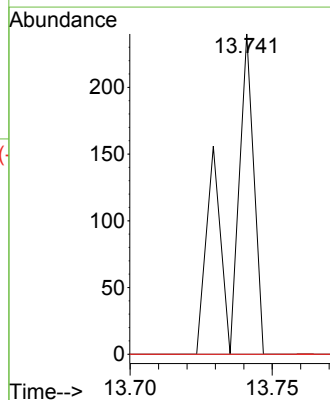
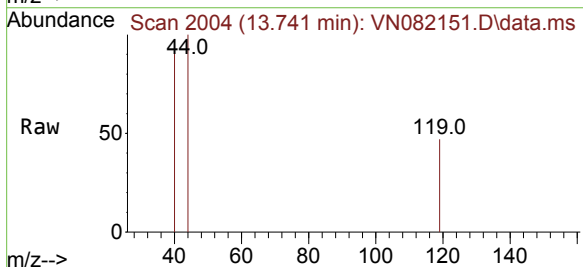
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

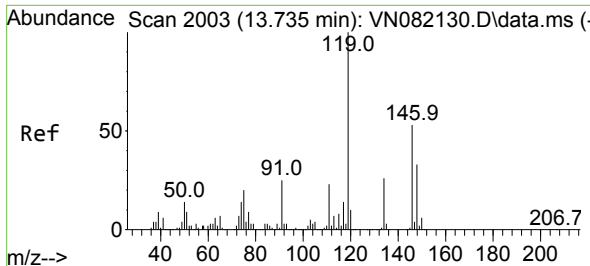
Tgt Ion:105 Resp: 56
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



#86
p-Isopropyltoluene
Concen: 0.018 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.012 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion:119 Resp: 140
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 0.0 11.8 35.3#

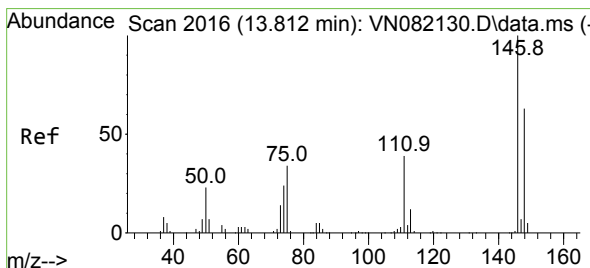
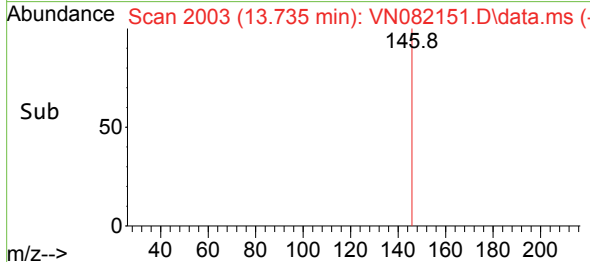
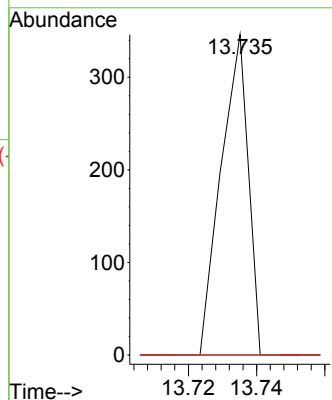
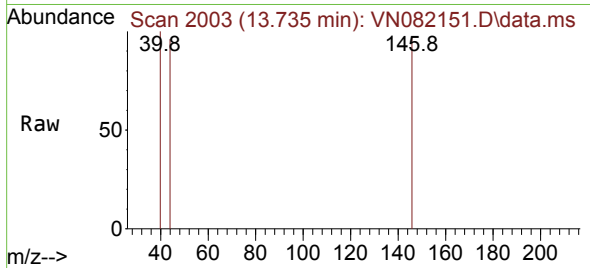




#87
1,3-Dichlorobenzene
Concen: 0.044 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

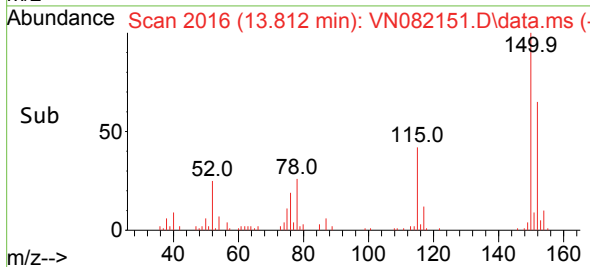
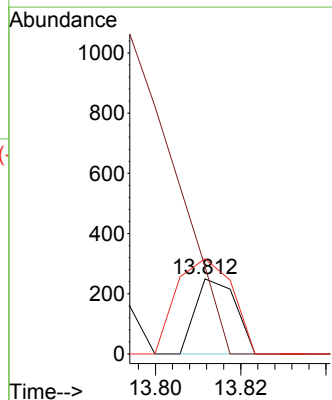
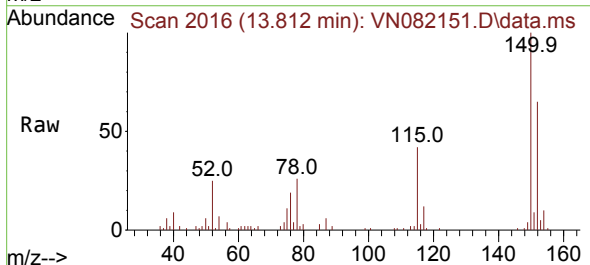
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

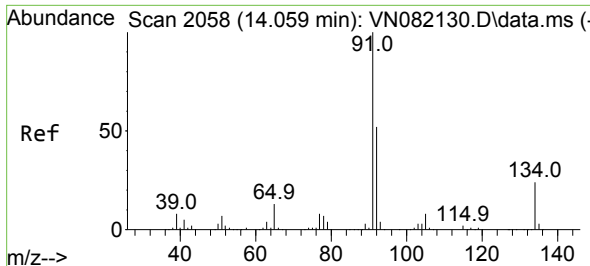
Tgt Ion:146 Resp: 192
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.5#
148 0.0 32.1 96.3#



#88
1,4-Dichlorobenzene
Concen: 0.037 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion:146 Resp: 164
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.9#
148 175.6 31.3 93.9#

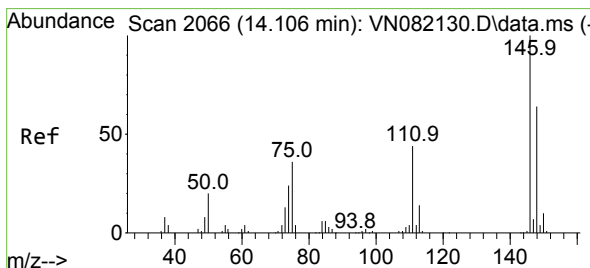
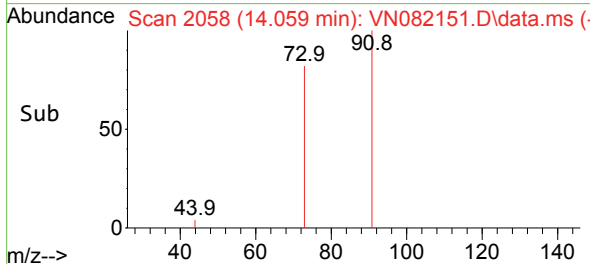
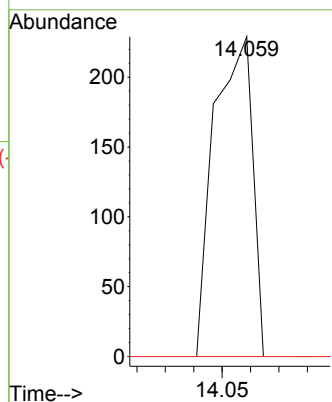
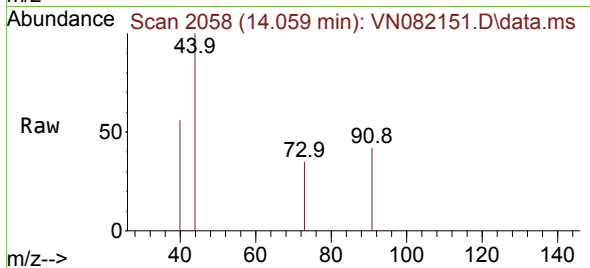




#89
n-Butylbenzene
Concen: 0.030 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

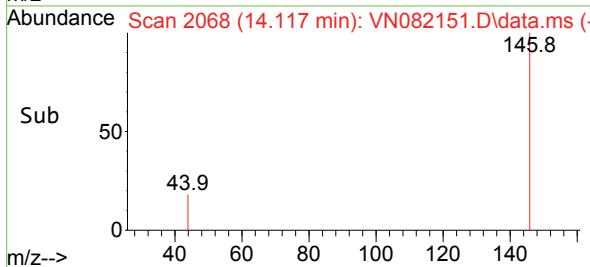
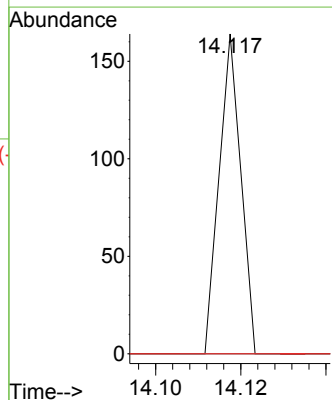
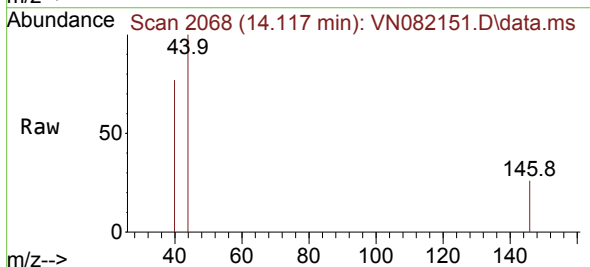
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

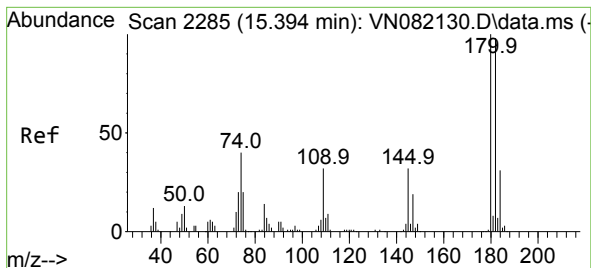
Tgt Ion: 91 Resp: 215
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.5#
134 0.0 13.2 39.5#



#91
1,2-Dichlorobenzene
Concen: 0.014 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.012 min
Lab File: VN082151.D
Acq: 16 May 2024 10:46

Tgt Ion: 146 Resp: 58
Ion Ratio Lower Upper
146 100
111 0.0 21.3 64.0#
148 0.0 31.8 95.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.024 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082151.D

Acq: 16 May 2024 10:46

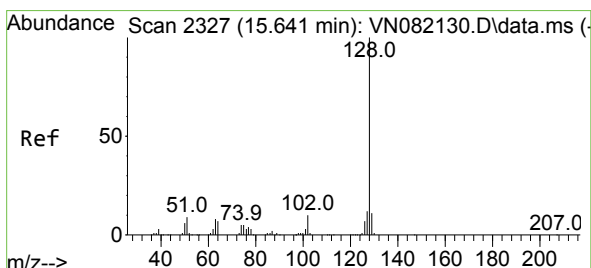
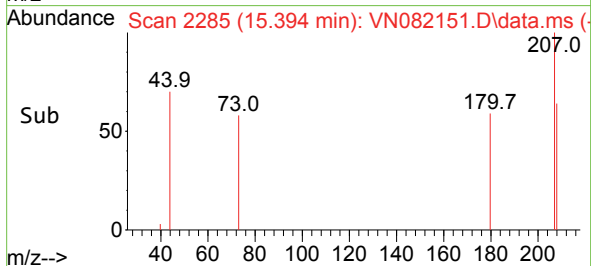
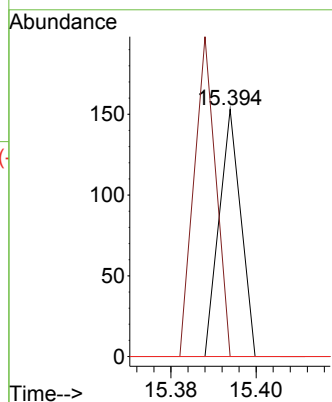
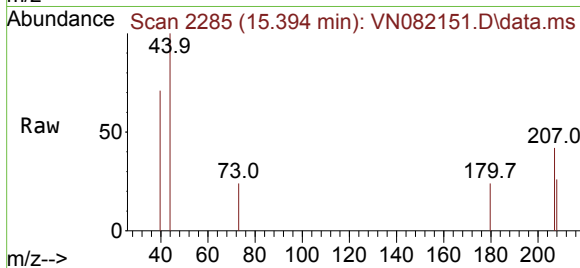
Instrument :

MSVOA_N

ClientSampleId :

VN0516WBL01

Tgt Ion:180	Resp:	54
Ion Ratio	Lower	Upper
180	100	
182	129.6	46.7 140.0
145	0.0	16.2 48.6#



#95

Naphthalene

Concen: 0.110 ug/l

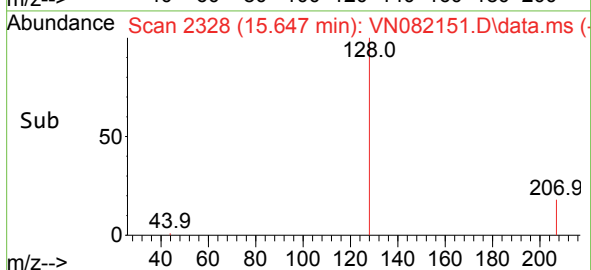
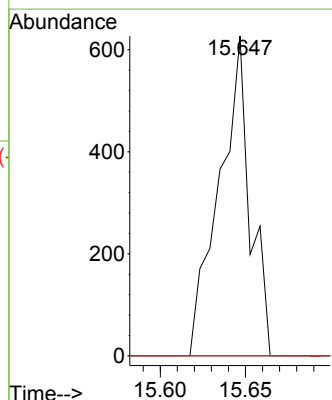
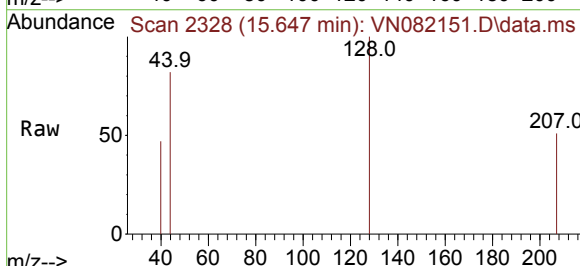
RT: 15.647 min Scan# 2328

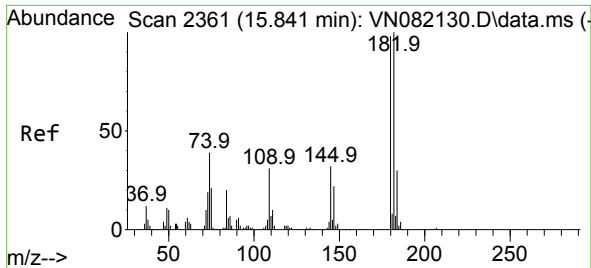
Delta R.T. 0.006 min

Lab File: VN082151.D

Acq: 16 May 2024 10:46

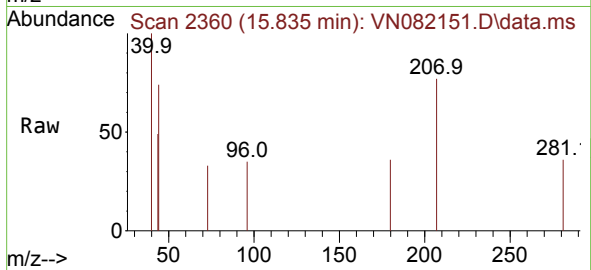
Tgt Ion:128	Resp:	787
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.1 15.1#
129	0.0	8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.029 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082151.D
 Acq: 16 May 2024 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBL01



Tgt Ion:	180	Resp:	66
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.0	137.8
145	0.0	17.1	51.3#

