

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082150.D
 Acq On : 16 May 2024 10:22
 Operator : JC\MD
 Sample : VN0516MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516MBL01

Quant Time: May 17 02:56:31 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	167886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	139715	52.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	8.171	113	96806	53.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.820%	
50) Toluene-d8	10.571	98	375460	54.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.853	95	126956	51.663	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.320%	

Target Compounds					Qvalue	
3) Chloromethane	2.359	50	574	0.209	ug/l #	43
5) Bromomethane	2.983	94	1261	0.851	ug/l #	55
6) Chloroethane	3.171	64	65	0.039	ug/l #	44
10) Methyl Iodide	4.600	142	791	0.399	ug/l #	84
13) Acrolein	4.177	56	129	0.409	ug/l #	73
14) Allyl chloride	5.018	41	65	0.017	ug/l #	16
15) Acrylonitrile	5.718	53	247	0.224	ug/l #	53
16) Acetone	4.430	43	188	0.173	ug/l #	43
17) Carbon Disulfide	4.712	76	2209	0.373	ug/l #	74
18) Methyl Acetate	5.036	43	231	0.085	ug/l #	47
20) Methylene Chloride	5.283	84	279	0.127	ug/l #	64
21) trans-1,2-Dichloroethene	5.794	96	91	0.046	ug/l #	43
23) Vinyl Acetate	6.606	43	654	0.101	ug/l #	68
25) 2-Butanone	7.488	43	56	0.034	ug/l #	43
31) Cyclohexane	8.224	56	4853	1.146	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	16756	5.563	ug/l #	49
37) Ethyl Acetate	7.488	43	56	0.017	ug/l #	1
38) Carbon Tetrachloride	8.224	117	18124	5.936	ug/l #	18
40) Benzene	8.606	78	76	0.008	ug/l #	50
42) 1,2-Dichloroethane	8.665	62	304	0.088	ug/l #	73
43) Isopropyl Acetate	8.741	43	128	0.021	ug/l #	52
44) Trichloroethene	9.353	130	120	0.059	ug/l #	69
51) 4-Methyl-2-Pentanone	10.441	43	233	0.069	ug/l #	34
52) Toluene	10.635	92	84	0.016	ug/l #	1
53) t-1,3-Dichloropropene	10.824	75	63	0.019	ug/l #	43
54) cis-1,3-Dichloropropene	10.306	75	63	0.018	ug/l #	37
58) 2-Chloroethyl Vinyl ether	10.165	63	58	0.034	ug/l #	44
59) 2-Hexanone	11.200	43	424	0.171	ug/l #	23
65) Chlorobenzene	11.888	112	244	0.040	ug/l #	43
67) Ethyl Benzene	11.959	91	712	0.066	ug/l #	43
68) m/p-Xylenes	12.076	106	253	0.064	ug/l #	1
69) o-Xylene	12.400	106	69	0.018	ug/l #	1
70) Styrene	12.406	104	388	0.061	ug/l #	57
73) Isopropylbenzene	12.700	105	412	0.043	ug/l #	48
74) N-amyl acetate	12.500	43	84	0.016	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.859	83	66	0.024	ug/l #	1

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

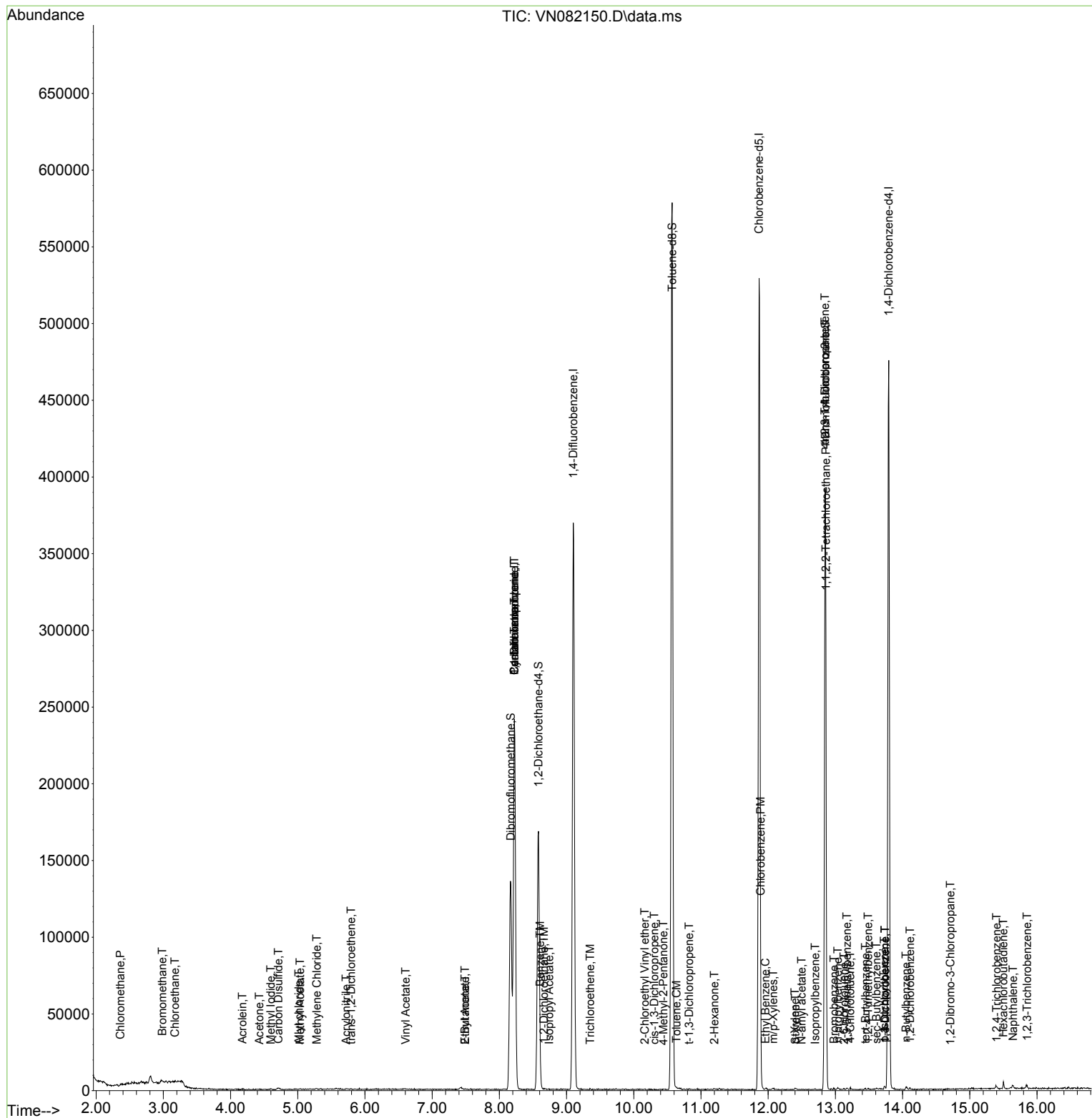
76) 1,2,3-Trichloropropane	12.847	75	74264	29.532	ug/l #	1
77) Bromobenzene	12.982	156	67	0.030	ug/l #	1
78) n-propylbenzene	13.035	91	1144	0.102	ug/l #	52
79) 2-Chlorotoluene	13.129	91	468	0.066	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	380	0.050	ug/l #	54
81) trans-1,4-Dichloro-2-b...	12.847	75	74264	69.074	ug/l #	12
82) 4-Chlorotoluene	13.223	91	776	0.112	ug/l	84
83) tert-Butylbenzene	13.447	119	382	0.057	ug/l	71
84) 1,2,4-Trimethylbenzene	13.488	105	551	0.070	ug/l #	31
85) sec-Butylbenzene	13.612	105	796	0.086	ug/l #	56
86) p-Isopropyltoluene	13.729	119	701	0.093	ug/l #	69
87) 1,3-Dichlorobenzene	13.741	146	482	0.118	ug/l	91
88) 1,4-Dichlorobenzene	13.741	146	482	0.115	ug/l	88
89) n-Butylbenzene	14.053	91	1425	0.210	ug/l #	82
91) 1,2-Dichlorobenzene	14.112	146	627	0.162	ug/l #	39
92) 1,2-Dibromo-3-Chloropr...	14.711	75	54	0.096	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.400	180	753	0.346	ug/l #	79
94) Hexachlorobutadiene	15.500	225	755	0.791	ug/l	81
95) Naphthalene	15.647	128	3320	0.487	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.853	180	1020	0.469	ug/l	86

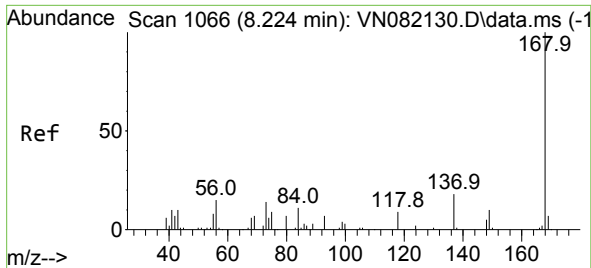
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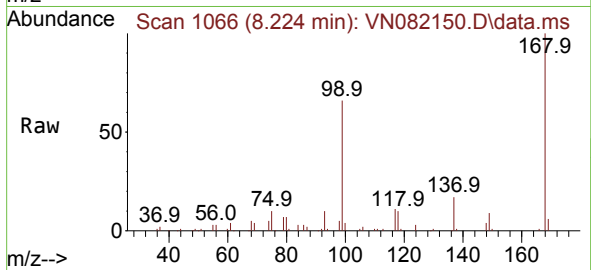
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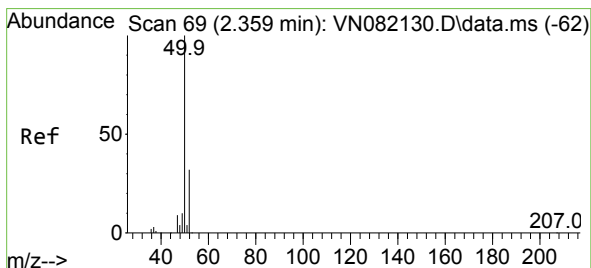
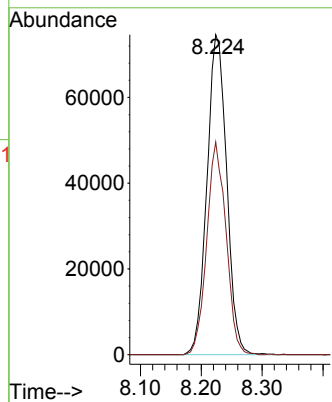
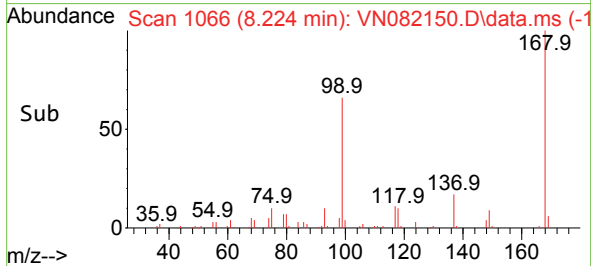


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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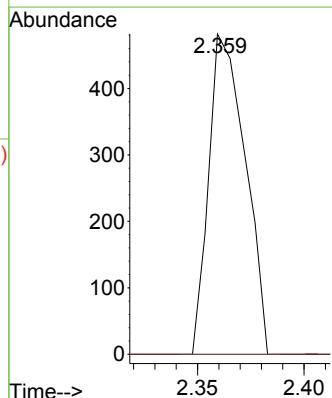
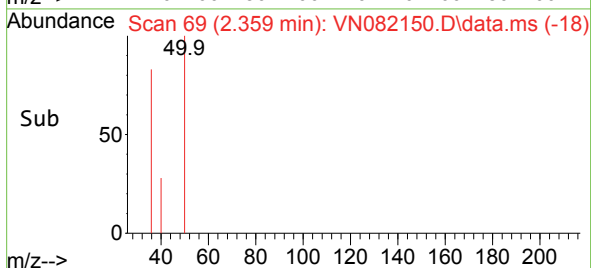
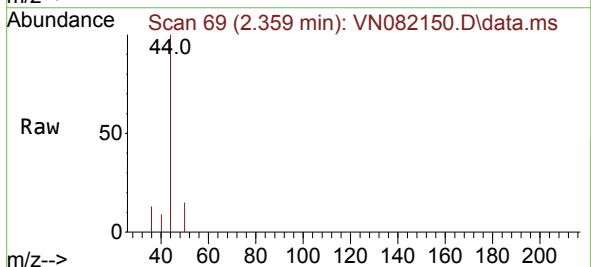


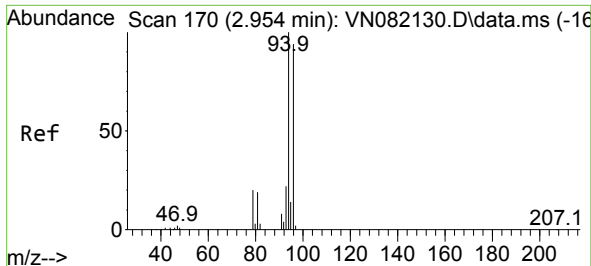
Tgt Ion:168 Resp: 167886
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

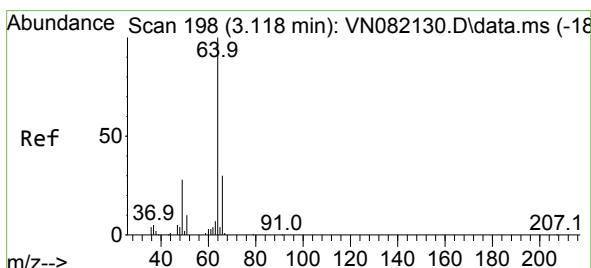
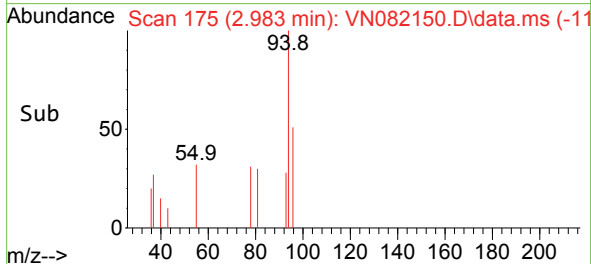
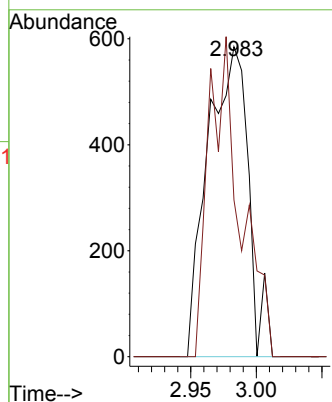
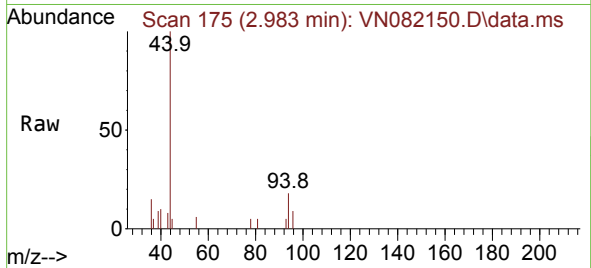




#5
Bromomethane
Concen: 0.851 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

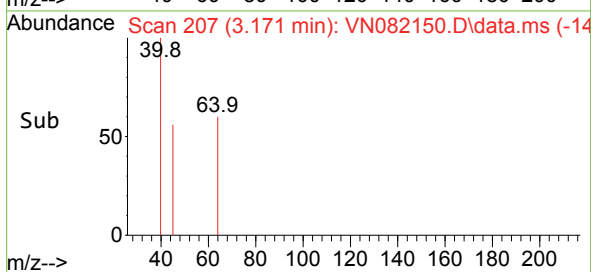
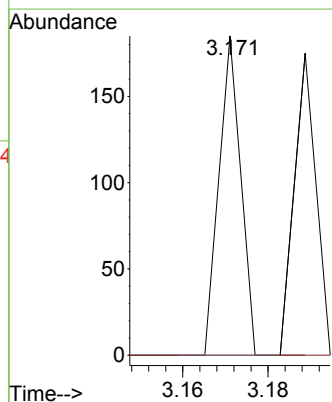
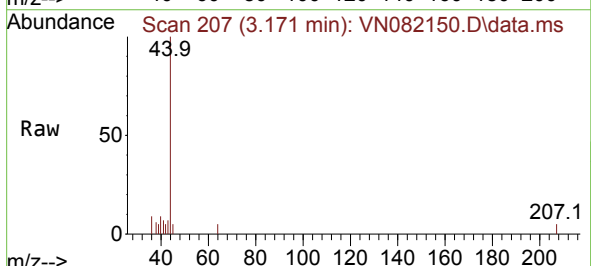
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ClientSampleId :
VN0516MBL01

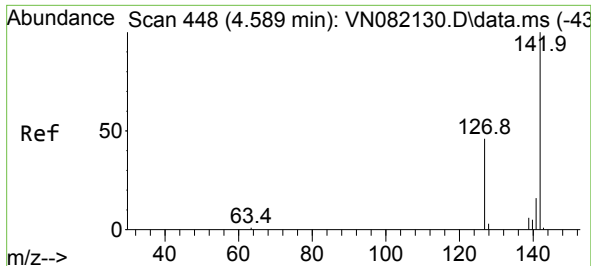
Tgt Ion: 94 Resp: 1261
Ion Ratio Lower Upper
94 100
96 50.6 74.8 112.2#



#6
Chloroethane
Concen: 0.039 ug/l
RT: 3.171 min Scan# 207
Delta R.T. 0.053 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

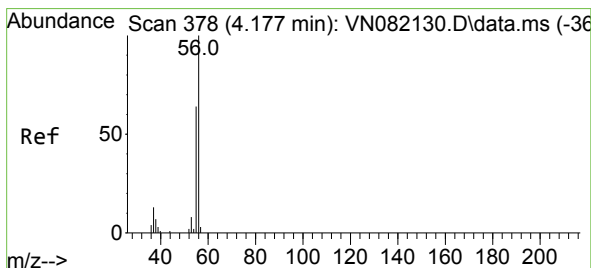
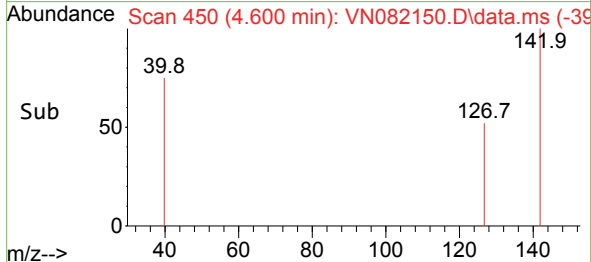
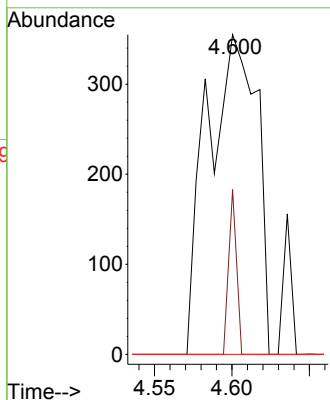
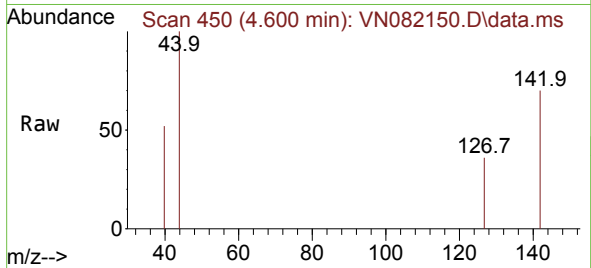




#10
Methyl Iodide
Concen: 0.399 ug/l
RT: 4.600 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

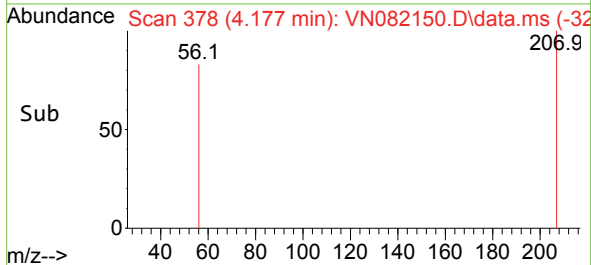
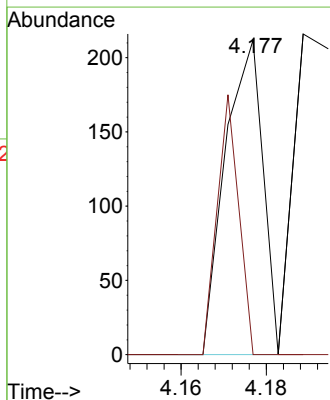
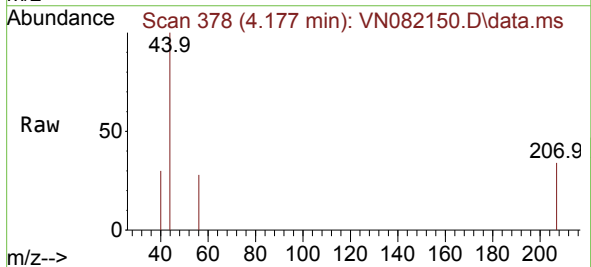
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

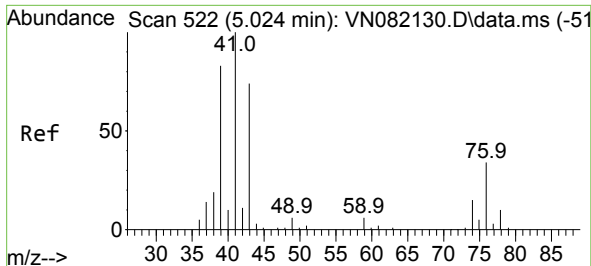
Tgt Ion:142 Resp: 791
Ion Ratio Lower Upper
142 100
127 51.5 35.8 53.6
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.409 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 48.1 55.8 83.8#

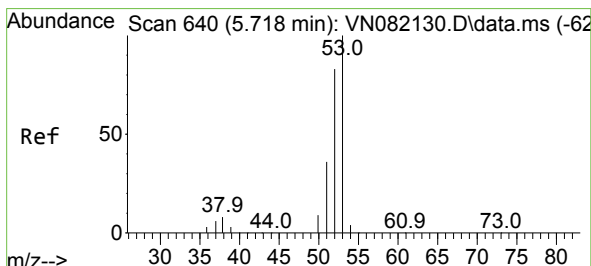
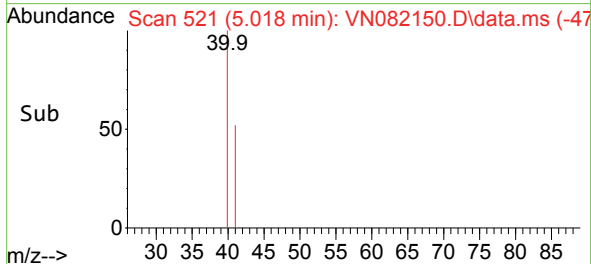
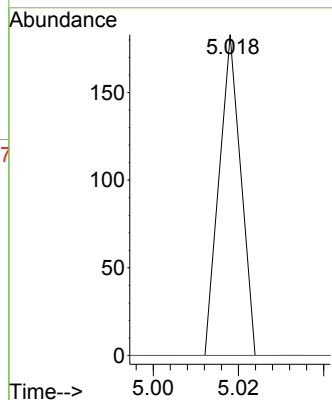
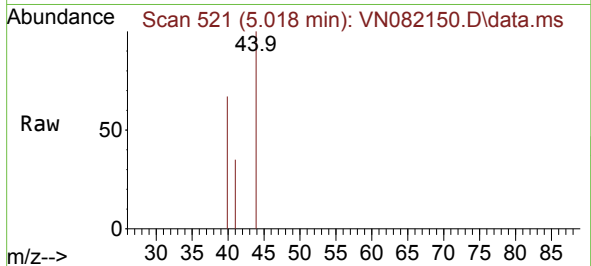




#14
 Allyl chloride
 Concen: 0.017 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

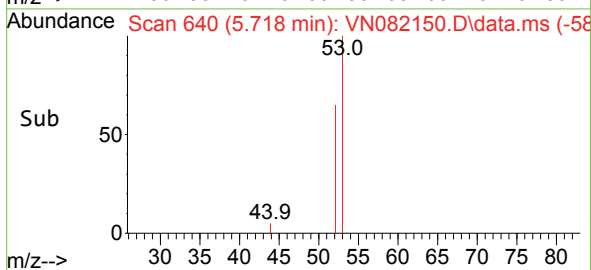
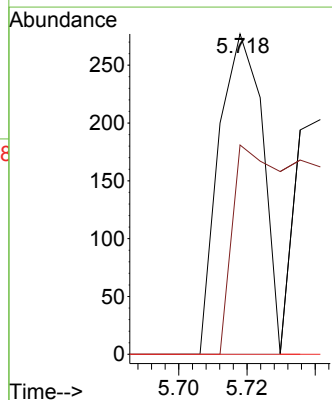
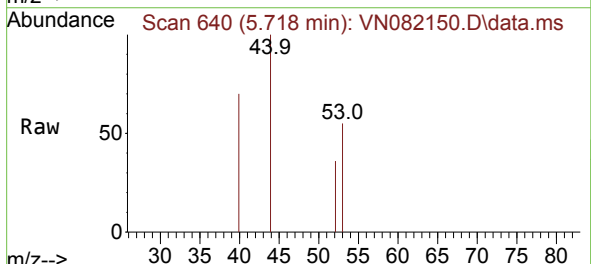
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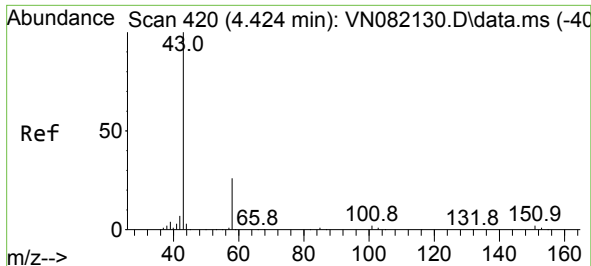
Tgt Ion: 41 Resp: 65
 Ion Ratio Lower Upper
 41 100
 39 0.0 65.4 98.0#
 76 0.0 37.3 55.9#



#15
 Acrylonitrile
 Concen: 0.224 ug/l
 RT: 5.718 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

Tgt Ion: 53 Resp: 247
 Ion Ratio Lower Upper
 53 100
 52 119.4 66.1 99.1#
 51 0.0 29.4 44.2#

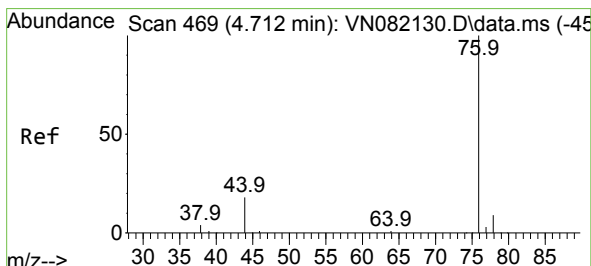
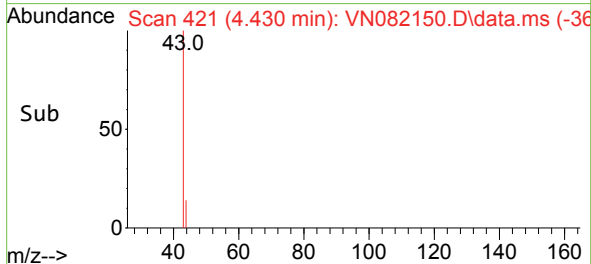
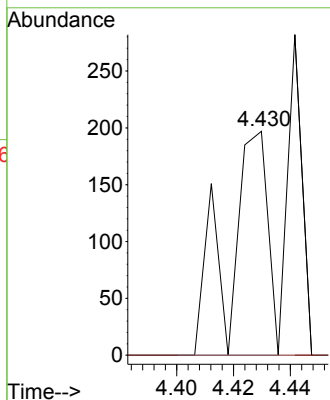
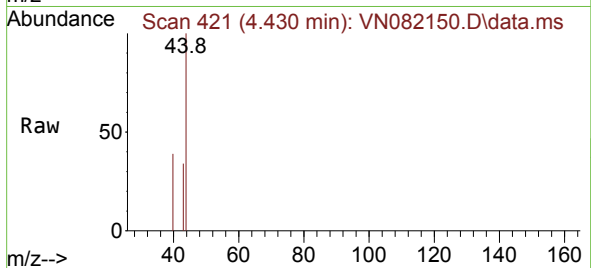




#16
Acetone
Concen: 0.173 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

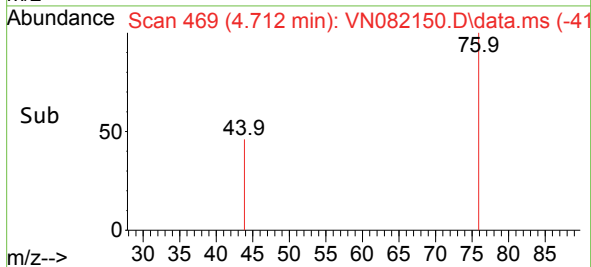
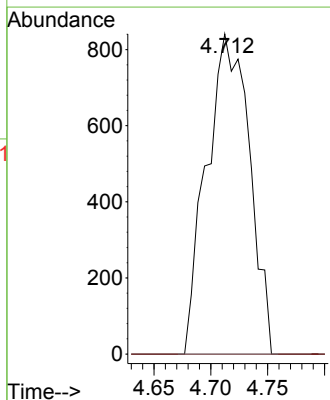
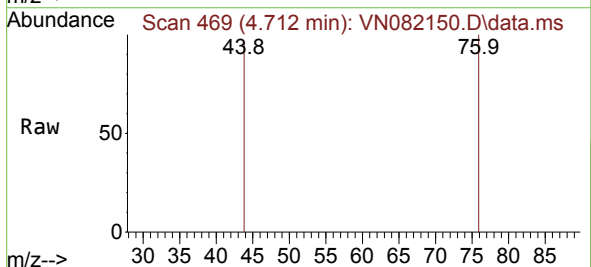
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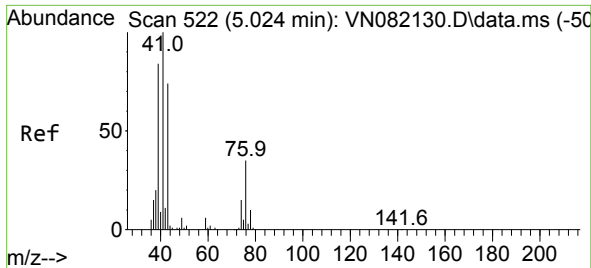
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Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.373 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 76 Resp: 2209
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

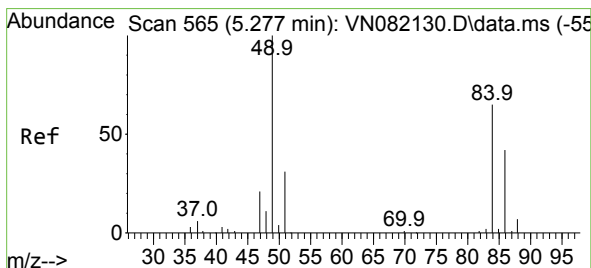
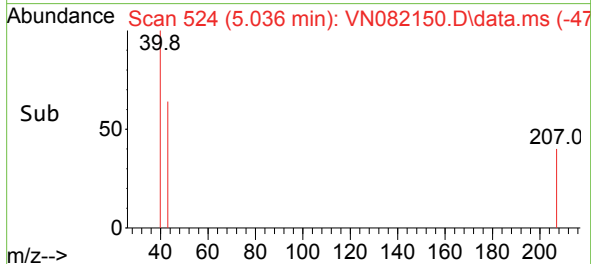
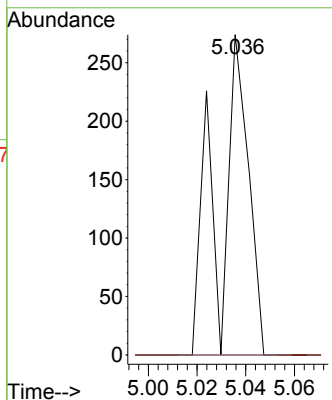
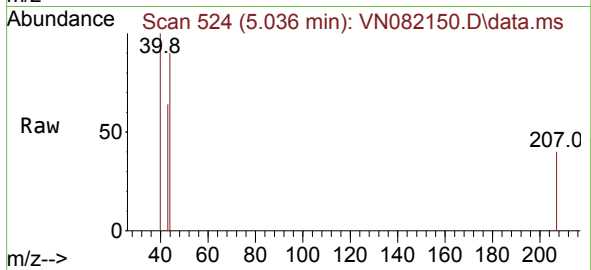




#18
Methyl Acetate
Concen: 0.085 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082150.D
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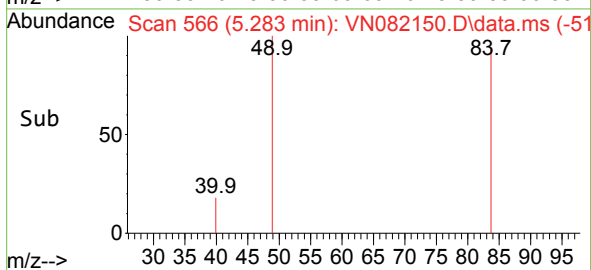
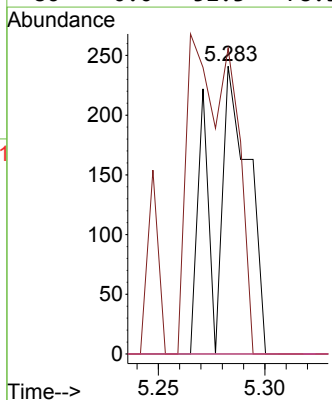
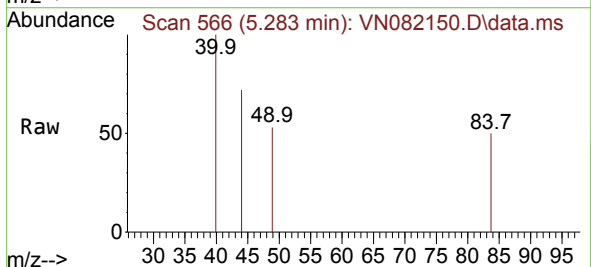
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

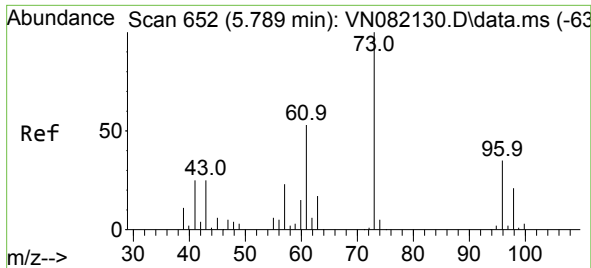
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.127 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 106.2 84.9 127.3
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#

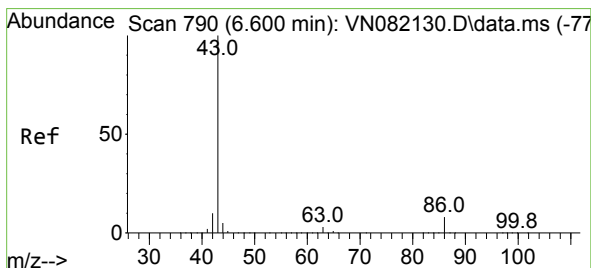
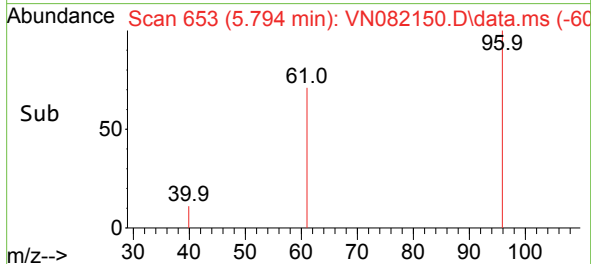
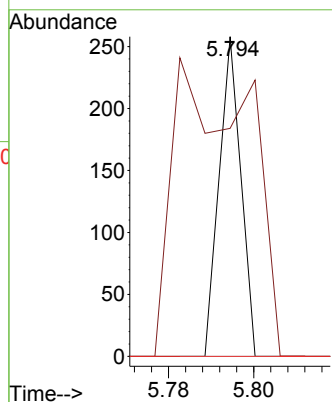
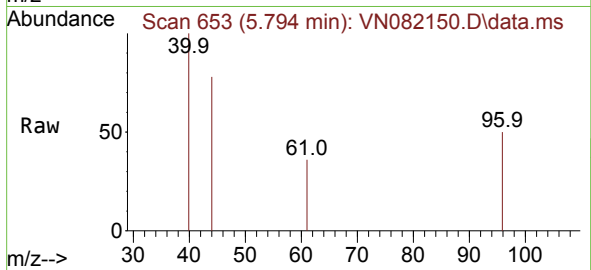




#21
trans-1,2-Dichloroethene
Concen: 0.046 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

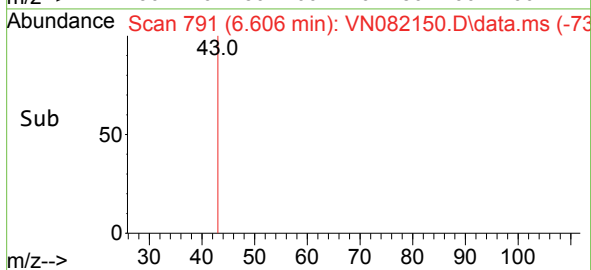
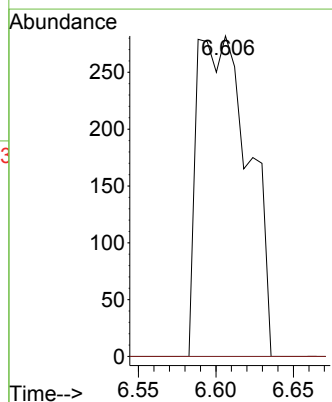
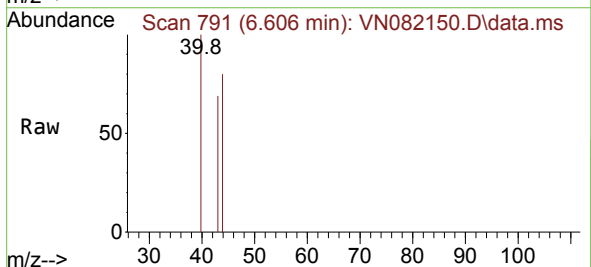
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

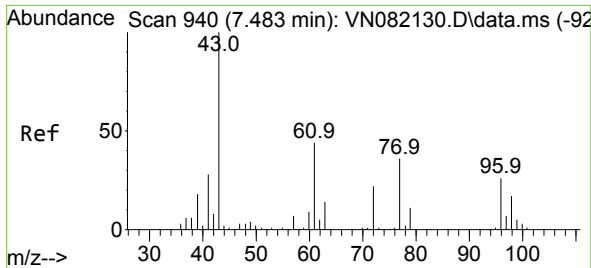
Tgt Ion: 96 Resp: 91
Ion Ratio Lower Upper
96 100
61 71.3 96.5 144.7#
98 0.0 51.3 76.9#



#23
Vinyl Acetate
Concen: 0.101 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
86 0.0 10.2 15.4#

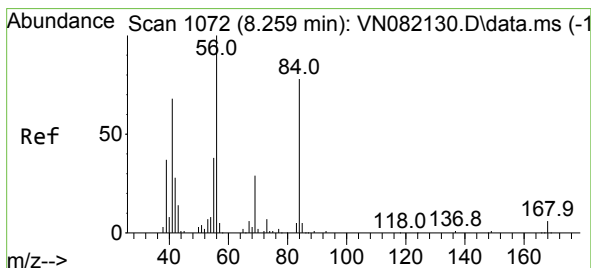
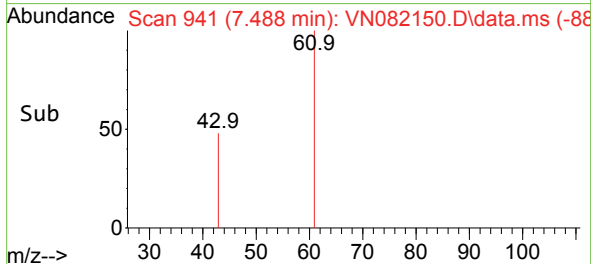
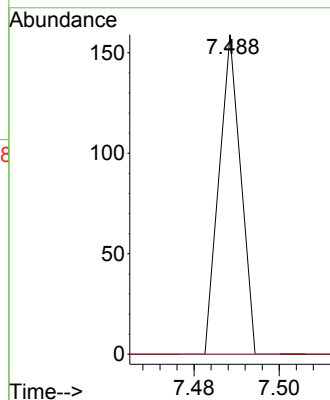
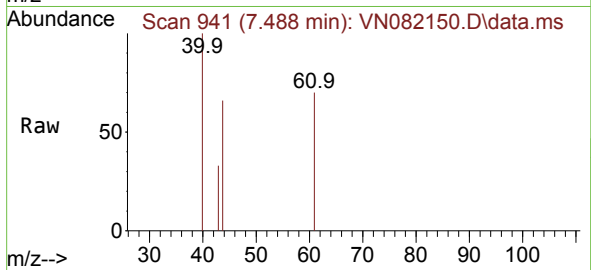




#25
2-Butanone
Concen: 0.034 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

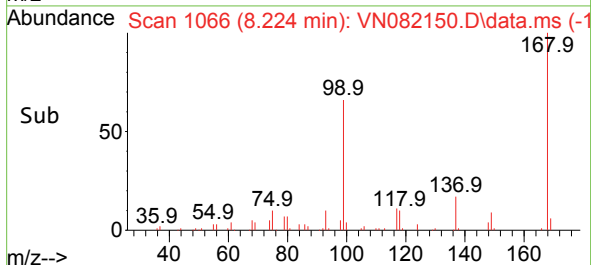
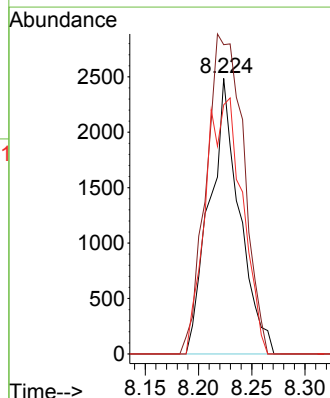
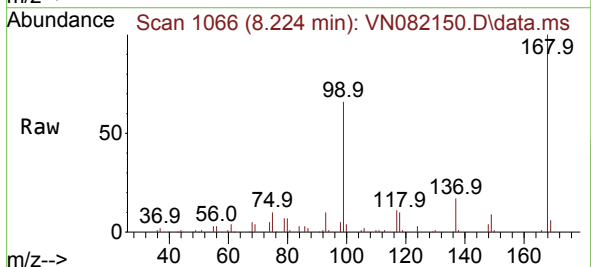
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

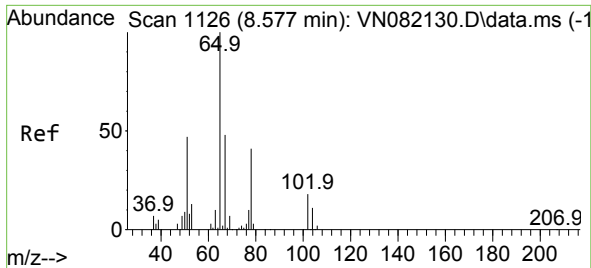
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 56 Resp: 4853
Ion Ratio Lower Upper
56 100
69 112.3 24.4 36.6#
84 90.4 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.703 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

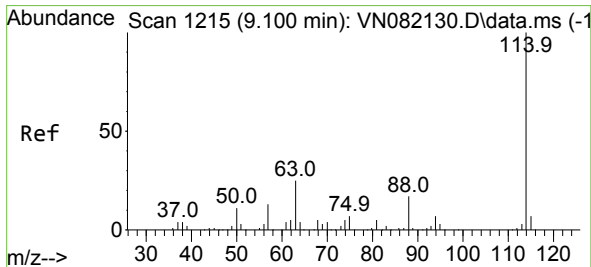
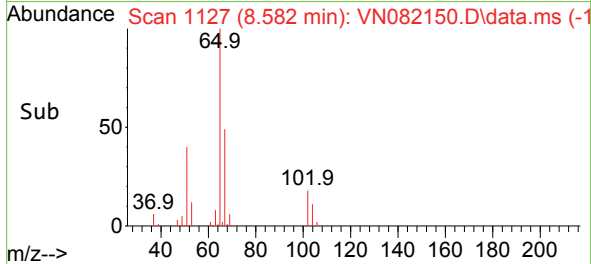
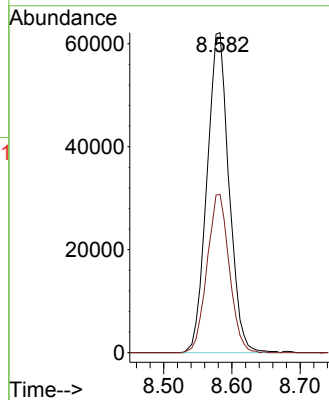
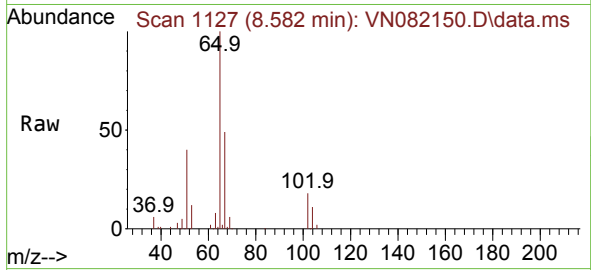
VN0516MBL01

Tgt Ion: 65 Resp: 139715

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

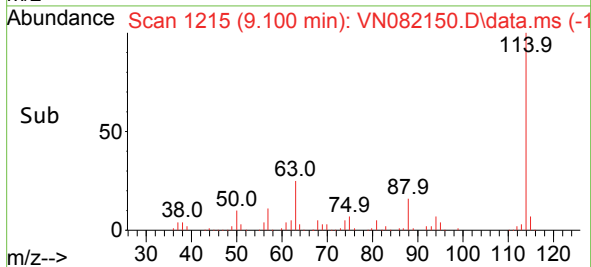
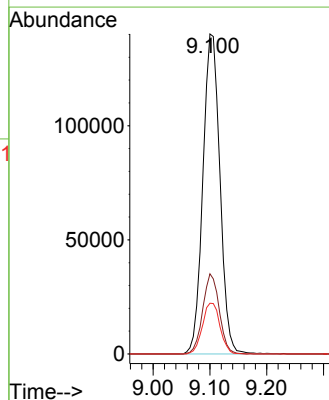
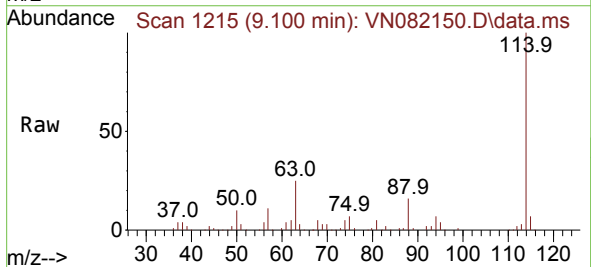
Tgt Ion: 114 Resp: 291925

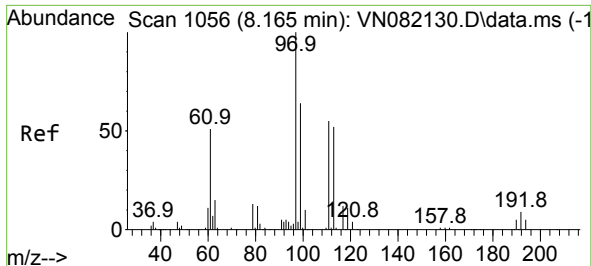
Ion Ratio Lower Upper

114 100

63 25.0 0.0 41.0

88 15.8 0.0 31.4

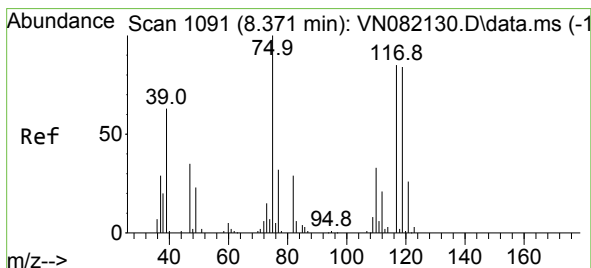
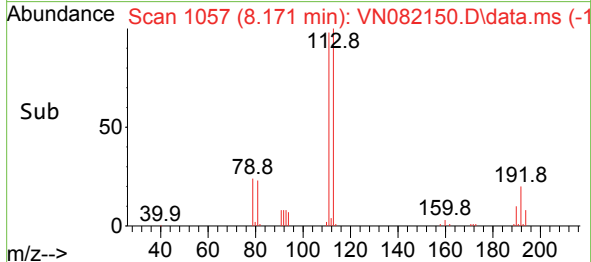
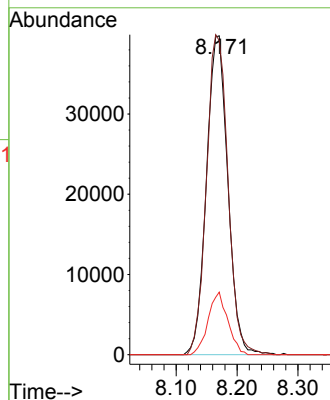
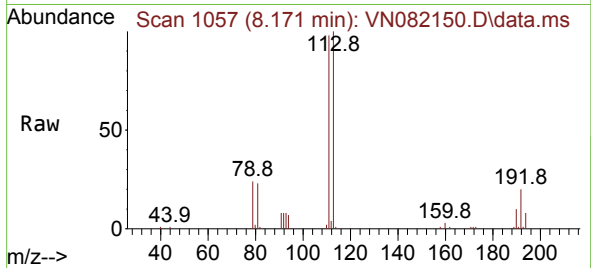




#35
Dibromofluoromethane
Concen: 53.907 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

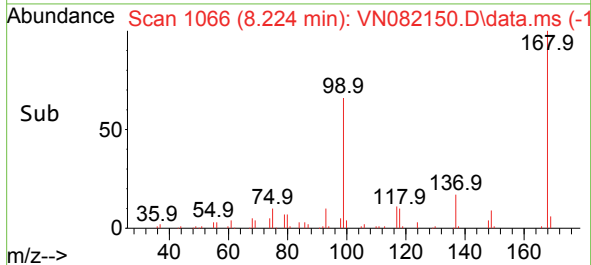
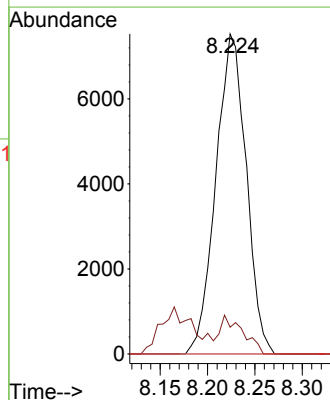
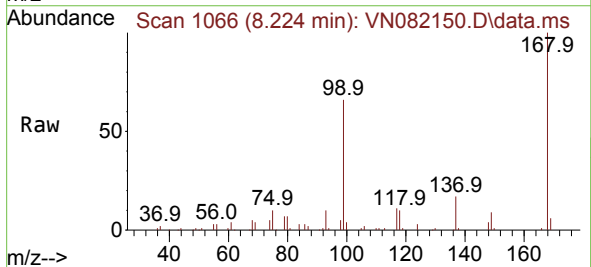
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

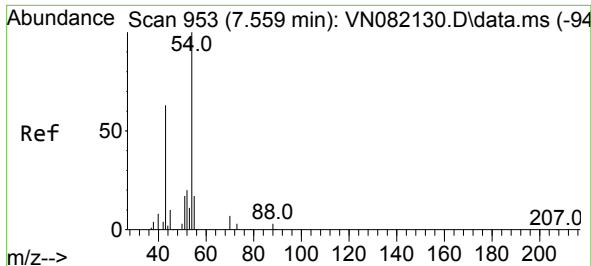
Tgt Ion:113 Resp: 96806
Ion Ratio Lower Upper
113 100
111 101.2 83.4 125.2
192 18.1 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.563 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

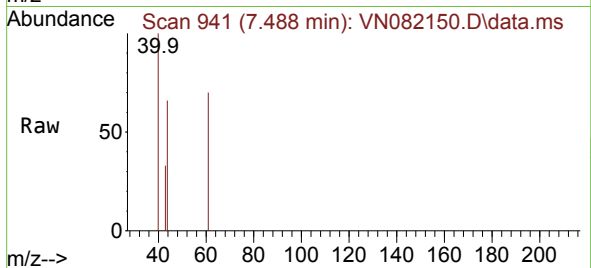
Tgt Ion: 75 Resp: 16756
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 25.0 37.4#



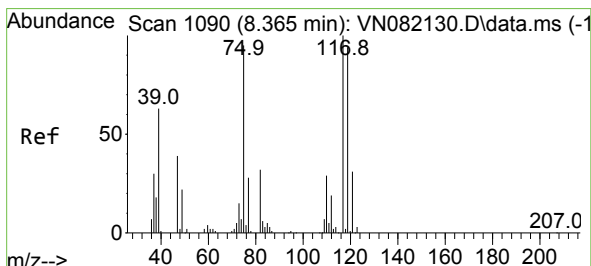
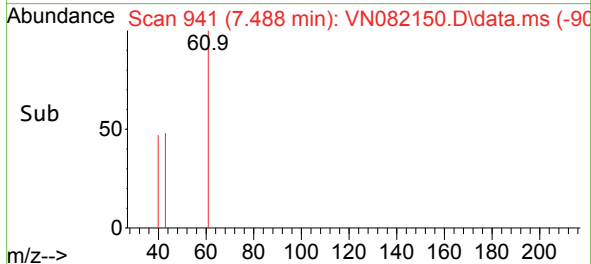
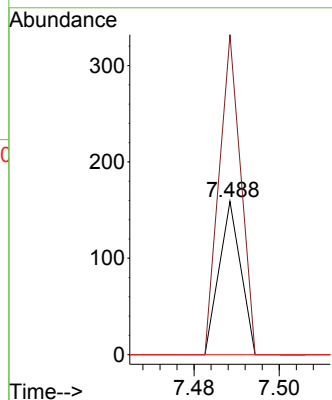


#37
Ethyl Acetate
Concen: 0.017 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

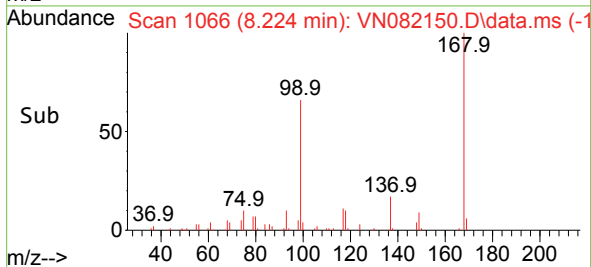
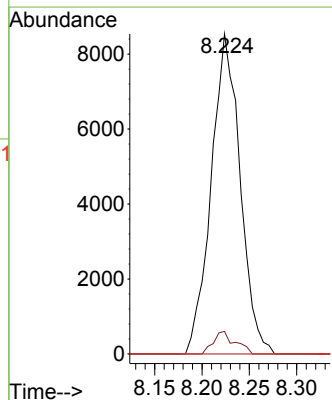
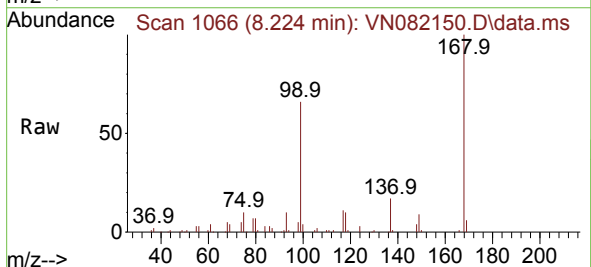


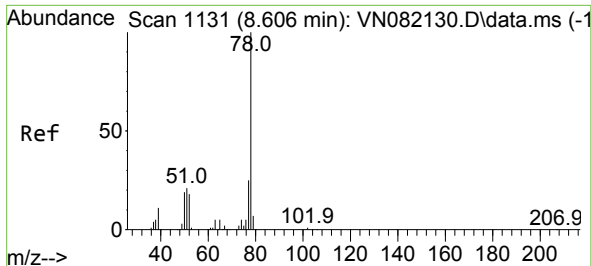
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
61 208.9 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 117 Resp: 18124
Ion Ratio Lower Upper
117 100
119 7.1 76.5 114.7#
121 0.0 23.9 35.9#

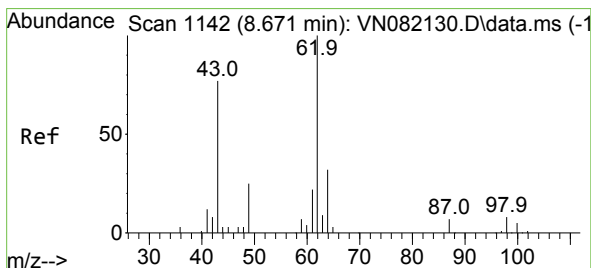
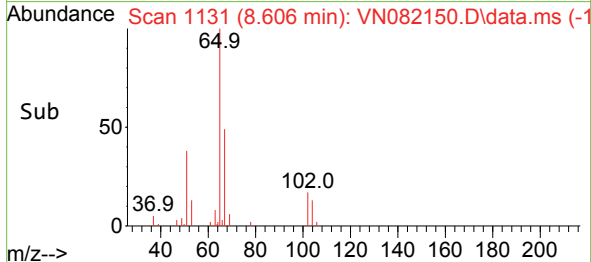
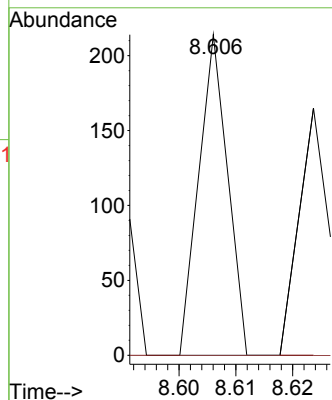
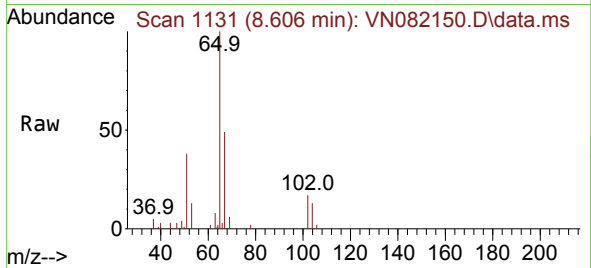




#40
Benzene
Concen: 0.008 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

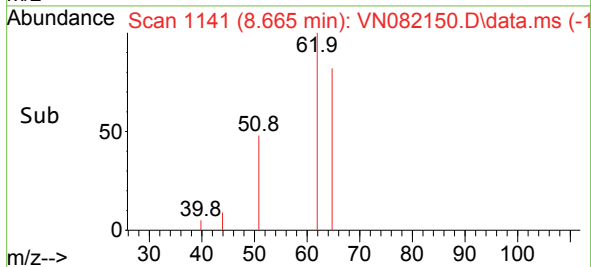
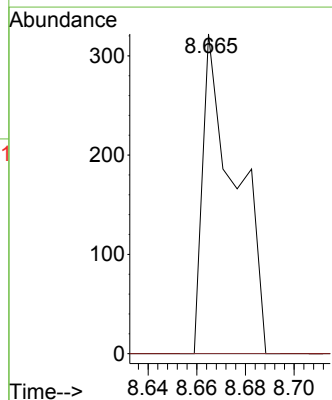
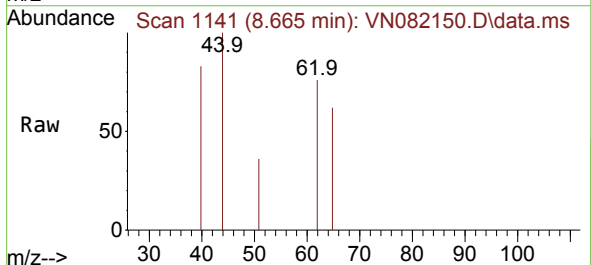
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

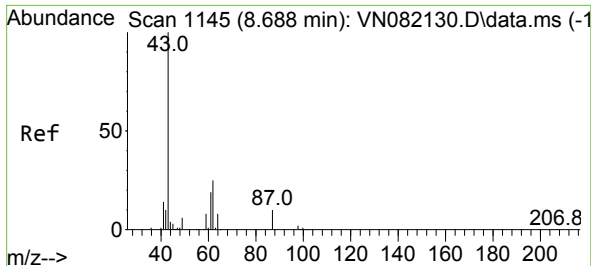
Tgt Ion: 78 Resp: 76
Ion Ratio Lower Upper
78 100
77 0.0 20.0 30.0#



#42
1,2-Dichloroethane
Concen: 0.088 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

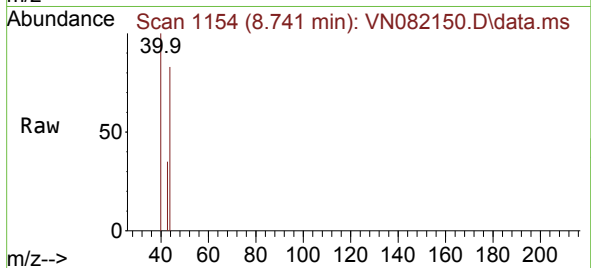
Tgt Ion: 62 Resp: 304
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6



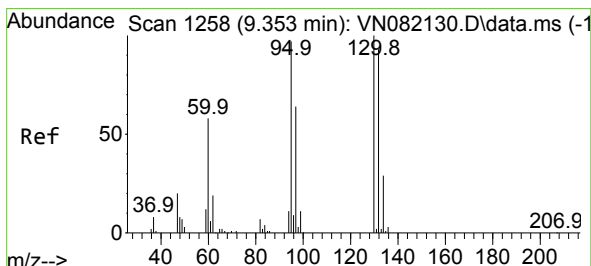
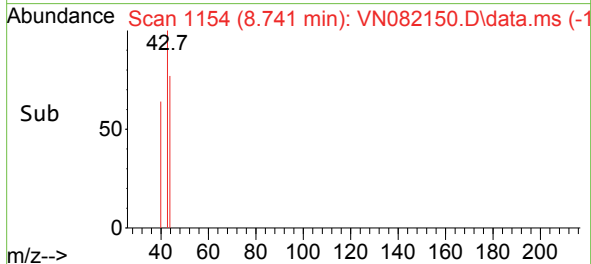
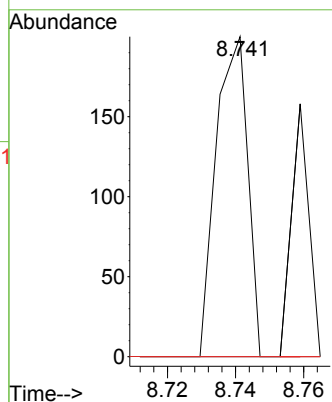


#43
Isopropyl Acetate
Concen: 0.021 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.053 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

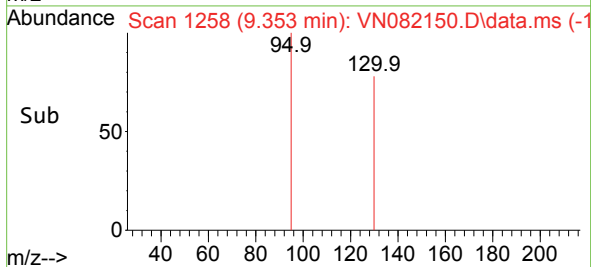
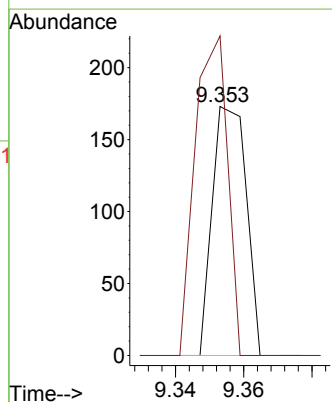
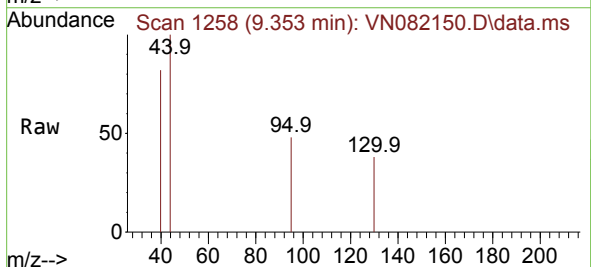


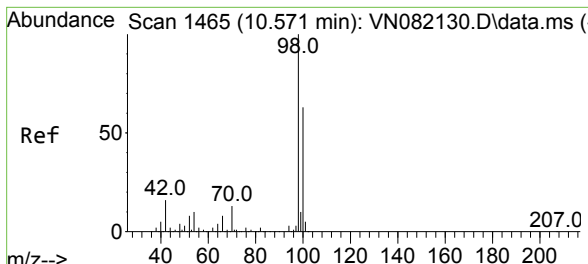
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.059 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion:130 Resp: 120
Ion Ratio Lower Upper
130 100
95 128.3 0.0 195.4

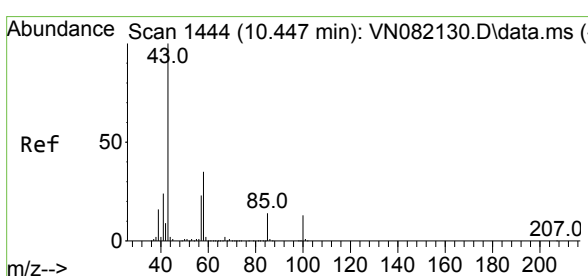
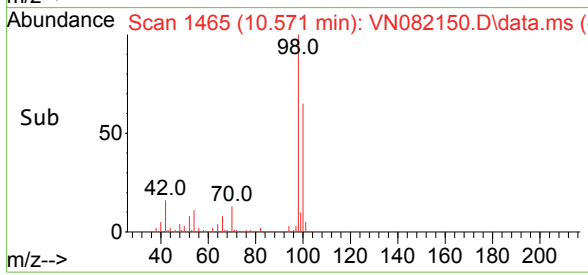
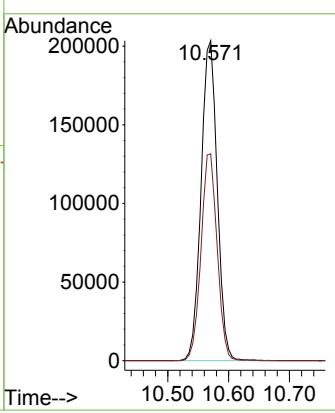
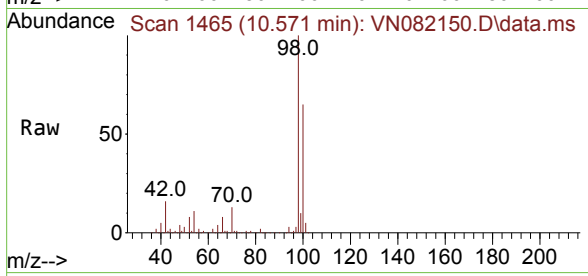




#50
 Toluene-d8
 Concen: 54.534 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

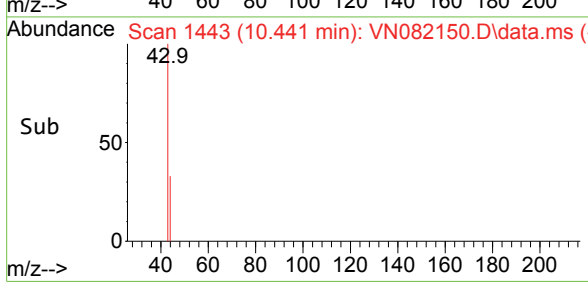
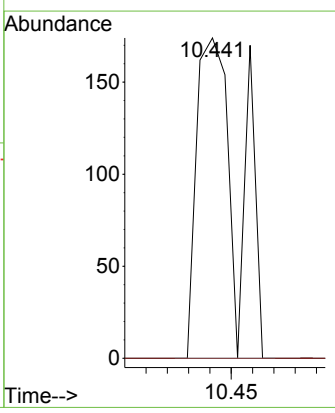
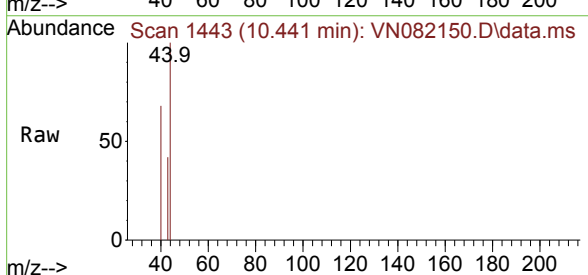
Instrument : MSVOA_N
 ClientSampleId : VN0516MBL01

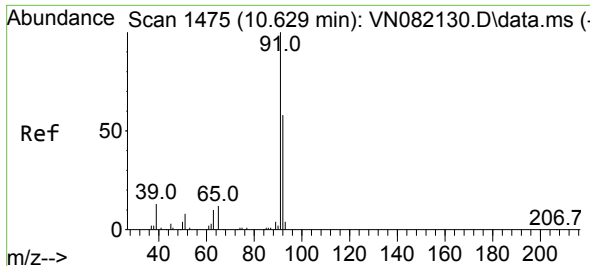
Tgt Ion:	98	Resp:	375460
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.8	77.6



#51
 4-Methyl-2-Pentanone
 Concen: 0.069 ug/l
 RT: 10.441 min Scan# 1443
 Delta R.T. -0.006 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

Tgt Ion:	43	Resp:	233
Ion Ratio	Lower	Upper	
43	100		
58	0.0	33.2	49.8#

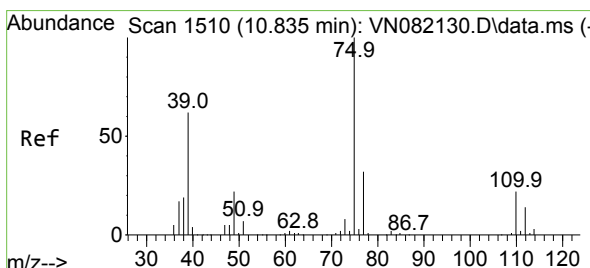
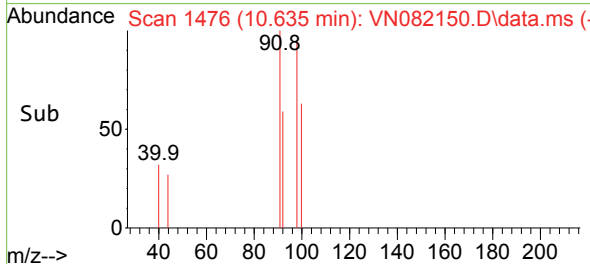
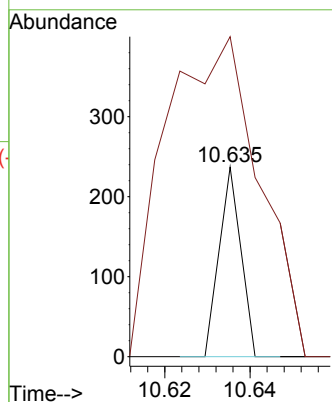
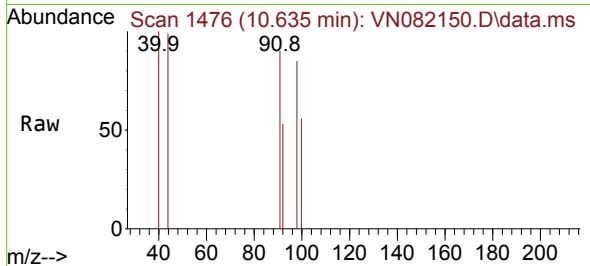




#52
Toluene
Concen: 0.016 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

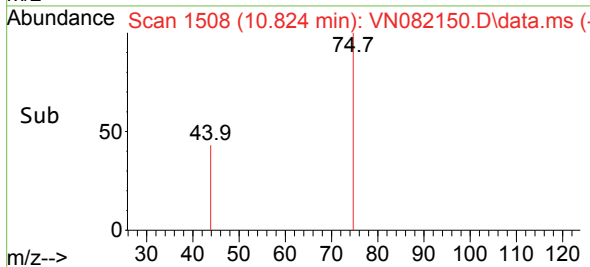
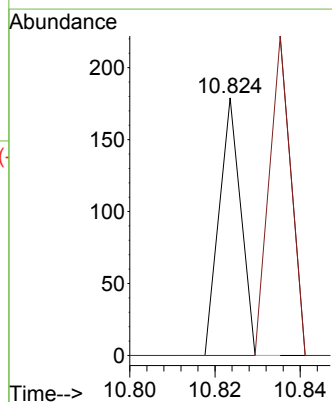
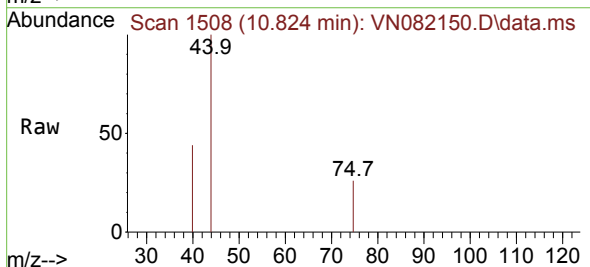
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

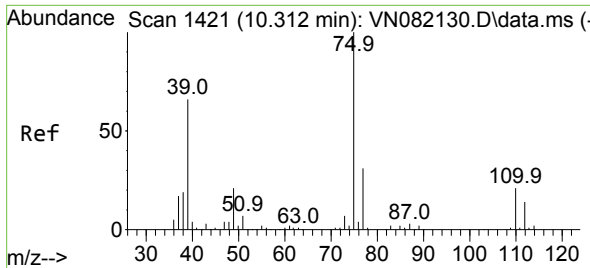
Tgt Ion: 92 Resp: 84
Ion Ratio Lower Upper
92 100
91 728.6 136.7 205.1#



#53
t-1,3-Dichloropropene
Concen: 0.019 ug/l
RT: 10.824 min Scan# 1508
Delta R.T. -0.012 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

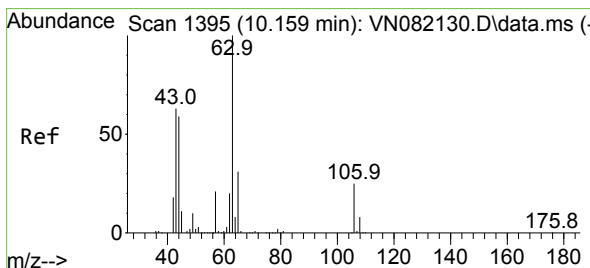
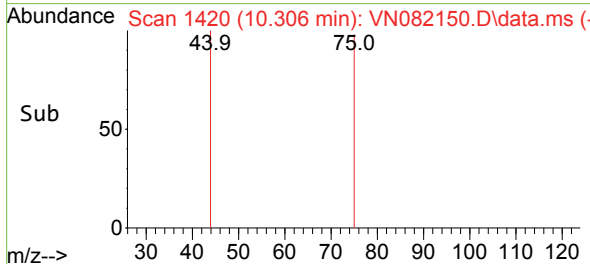
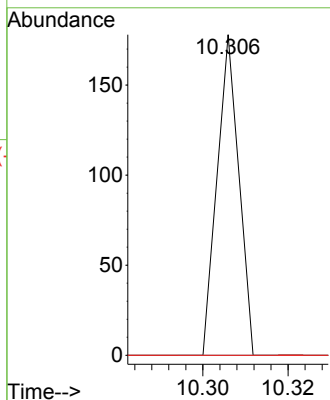
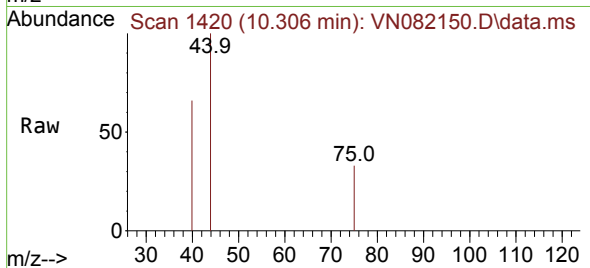




#54
 cis-1,3-Dichloropropene
 Concen: 0.018 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

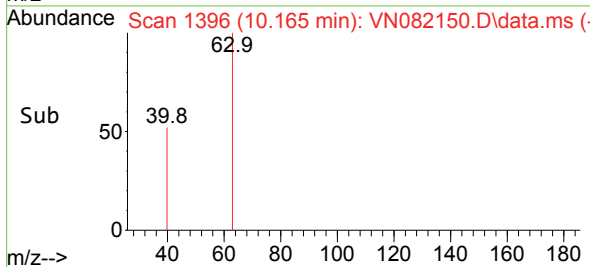
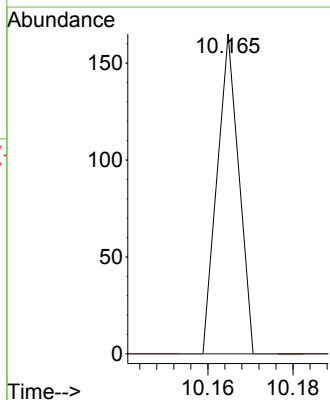
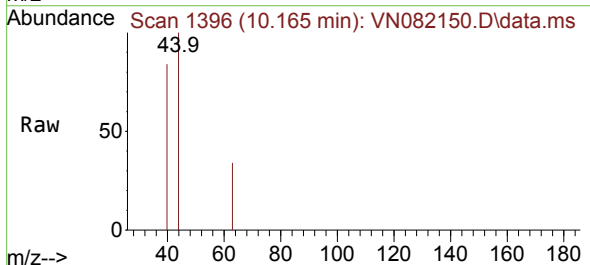
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516MBL01

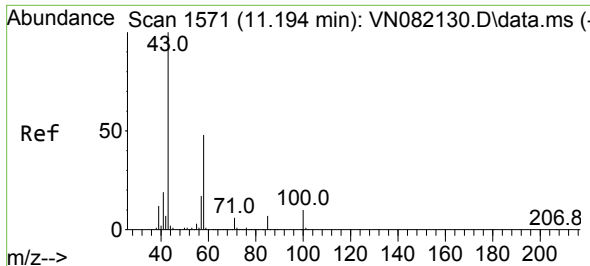
Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 0.0 34.8 52.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.034 ug/l
 RT: 10.165 min Scan# 1396
 Delta R.T. 0.006 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

Tgt Ion: 63 Resp: 58
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.6 36.8#

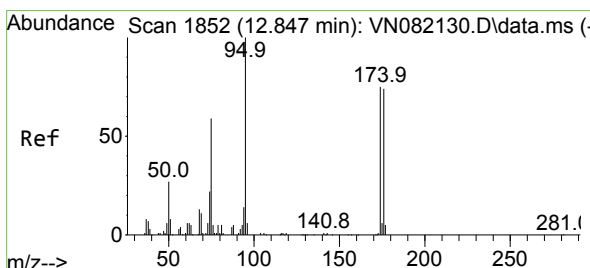
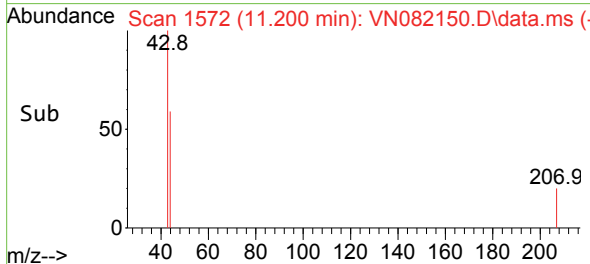
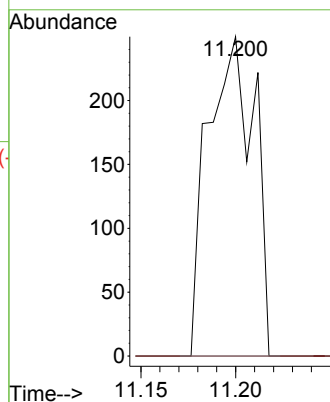
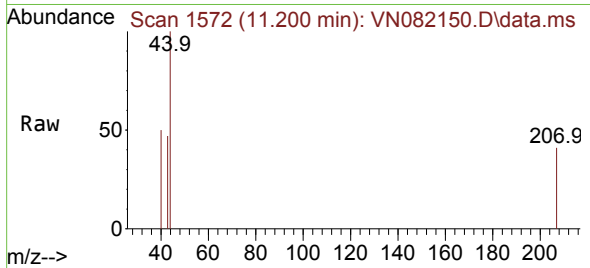




#59
2-Hexanone
Concen: 0.171 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

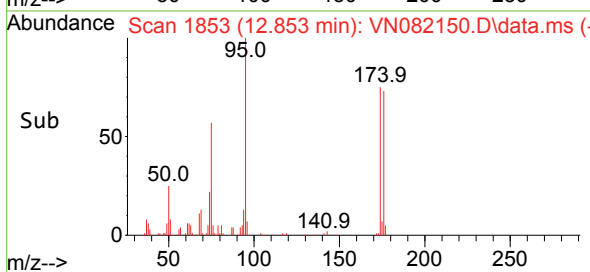
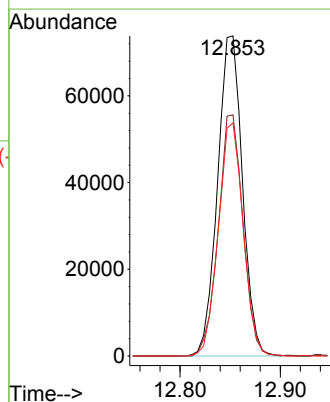
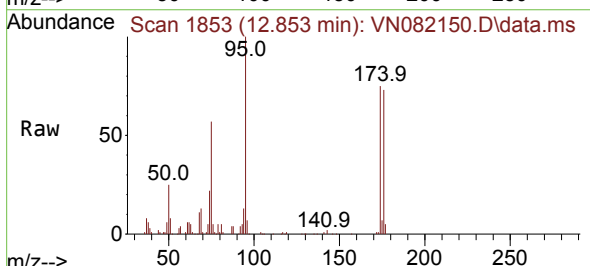
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

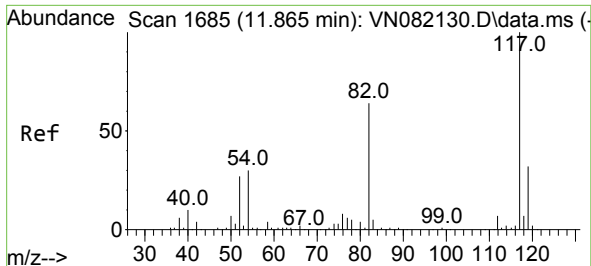
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 51.663 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 95 Resp: 126956
Ion Ratio Lower Upper
95 100
174 74.7 0.0 160.6
176 72.7 0.0 152.8

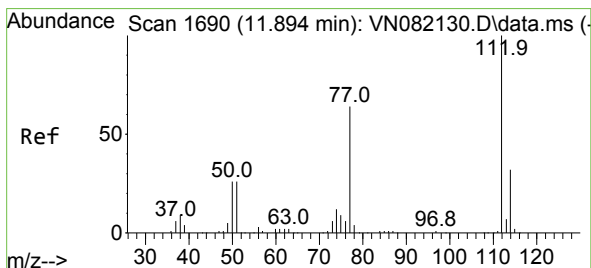
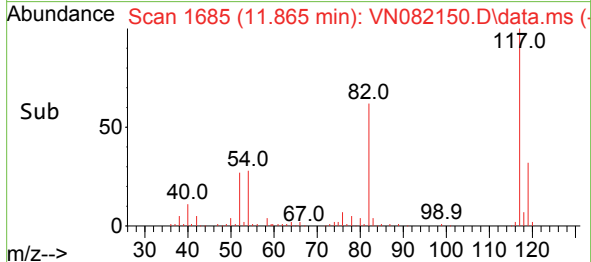
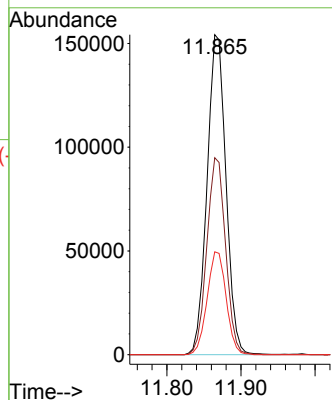
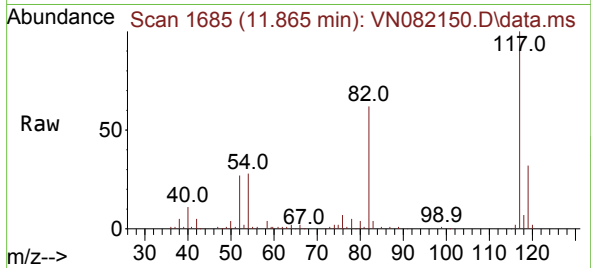




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

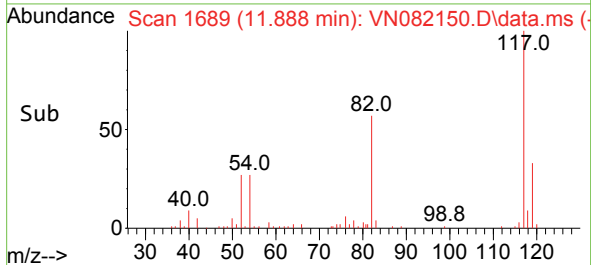
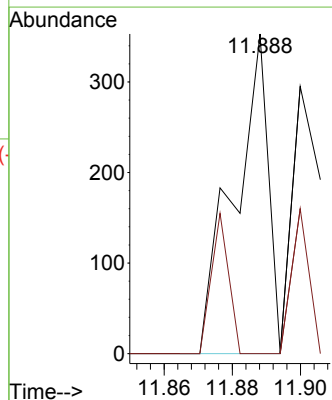
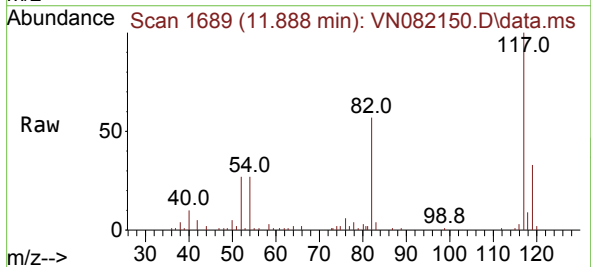
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

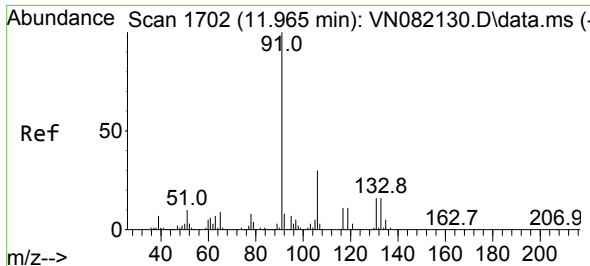
Tgt Ion:117 Resp: 273462
Ion Ratio Lower Upper
117 100
82 61.6 44.6 66.8
119 32.2 25.9 38.9



#65
Chlorobenzene
Concen: 0.040 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion:112 Resp: 244
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#

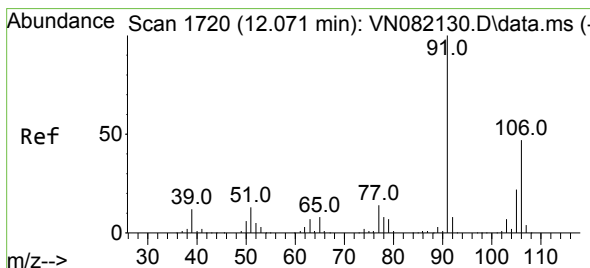
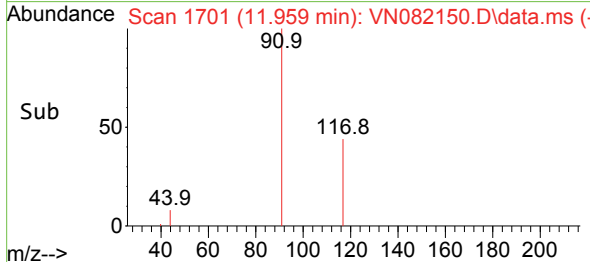
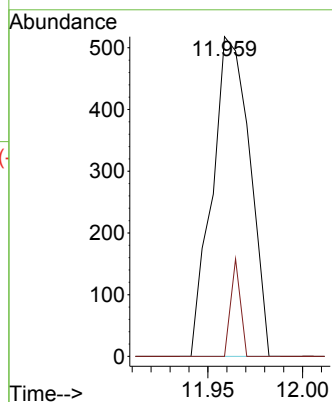
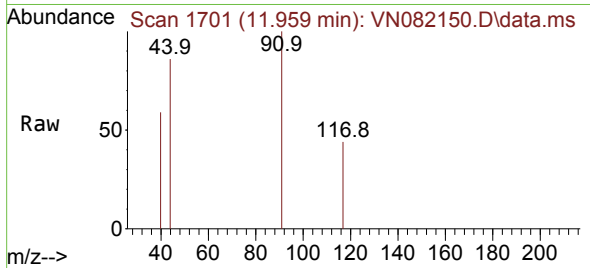




#67
Ethyl Benzene
Concen: 0.066 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

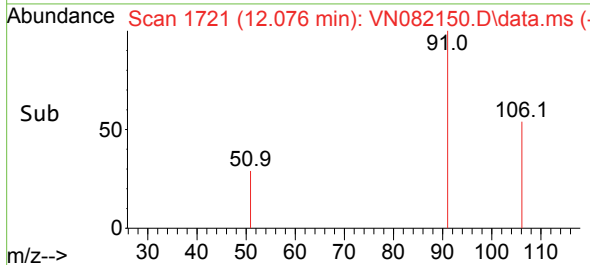
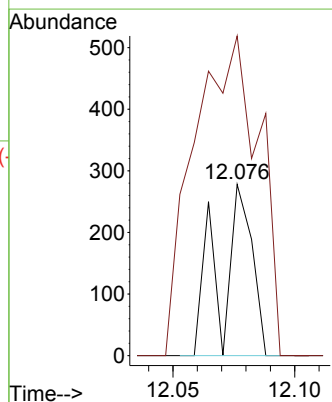
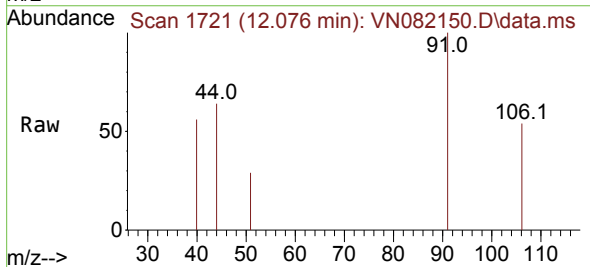
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

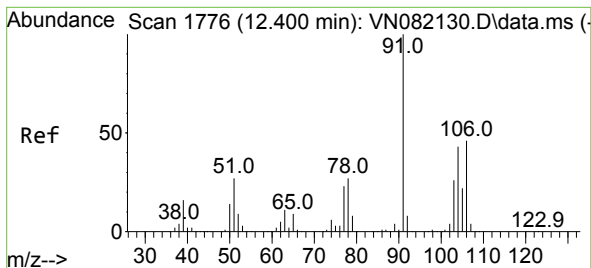
Tgt Ion: 91 Resp: 712
Ion Ratio Lower Upper
91 100
106 0.0 25.3 37.9#



#68
m/p-Xylenes
Concen: 0.064 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion:106 Resp: 253
Ion Ratio Lower Upper
106 100
91 380.6 159.4 239.0#





#69

o-Xylene

Concen: 0.018 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

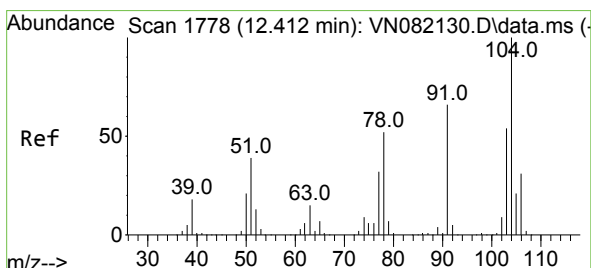
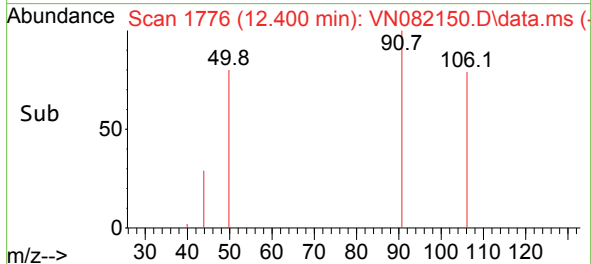
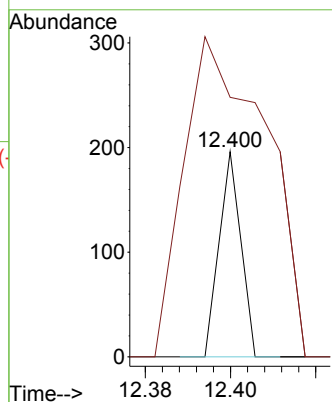
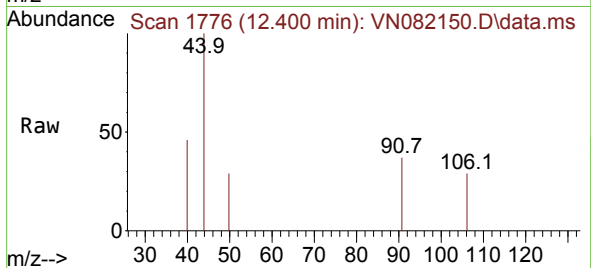
VN0516MBL01

Tgt Ion:106 Resp: 69

Ion Ratio Lower Upper

106 100

91 591.3 104.7 314.1#



#70

Styrene

Concen: 0.061 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

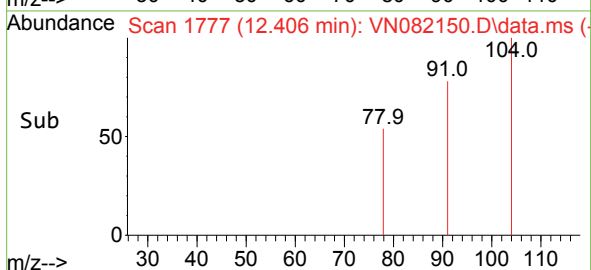
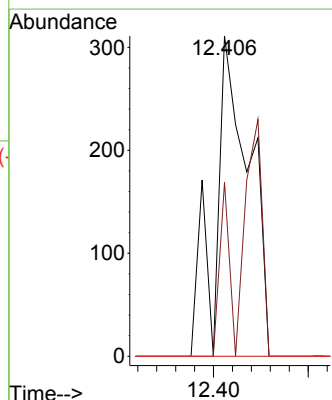
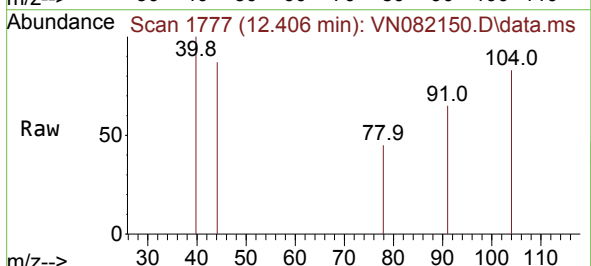
Tgt Ion:104 Resp: 388

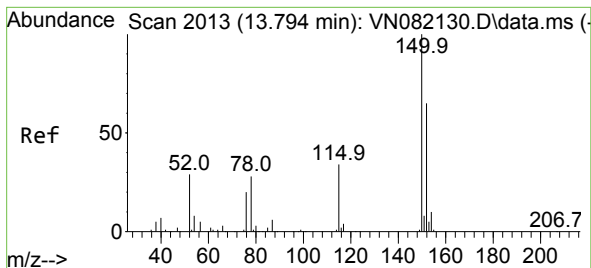
Ion Ratio Lower Upper

104 100

78 51.8 38.6 58.0

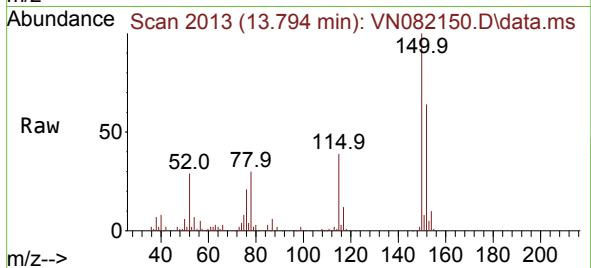
103 0.0 43.8 65.6#



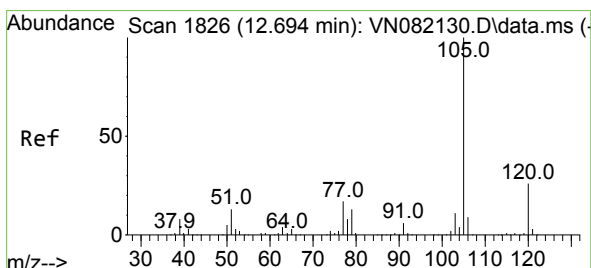
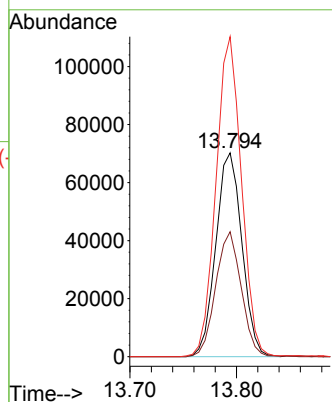
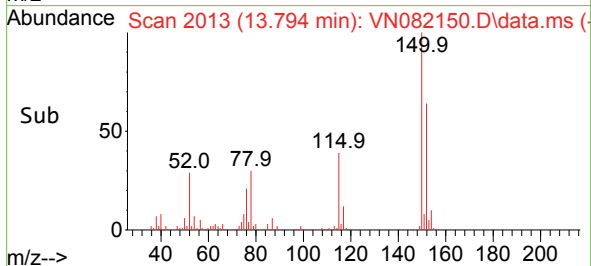


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

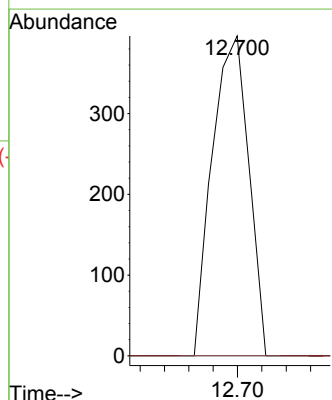
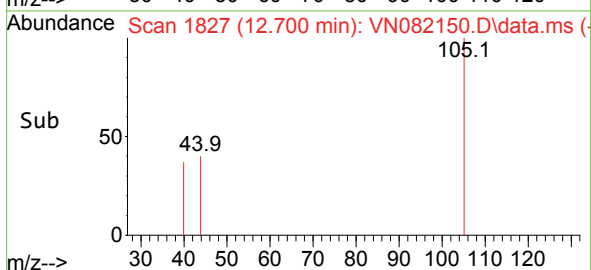
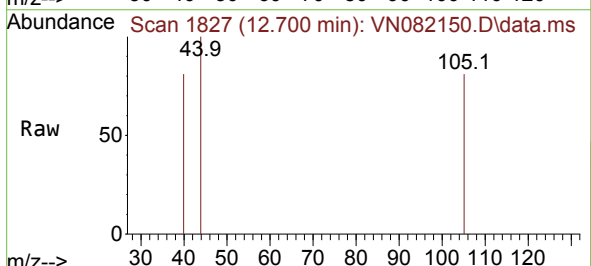


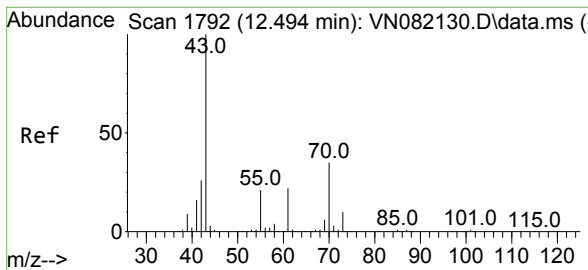
Tgt Ion:152 Resp: 119476
Ion Ratio Lower Upper
152 100
115 59.9 30.4 91.3
150 153.2 0.0 353.2



#73
Isopropylbenzene
Concen: 0.043 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion:105 Resp: 412
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#

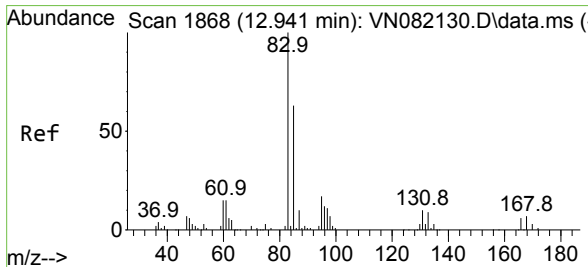
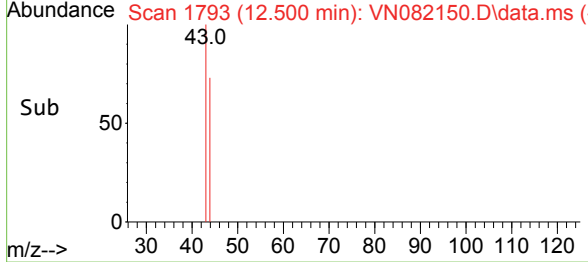
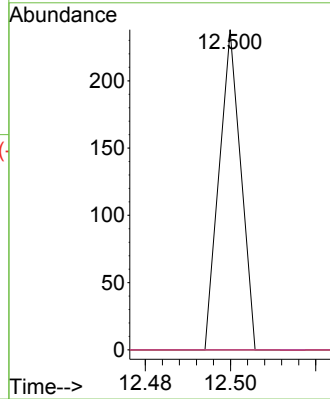
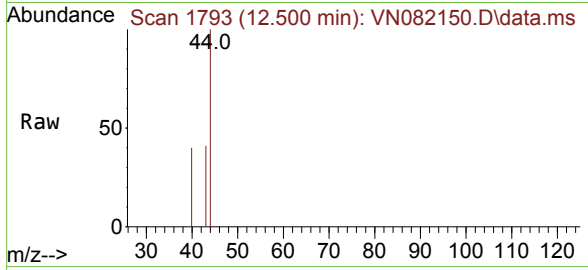




#74
N-amy1 acetate
Concen: 0.016 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

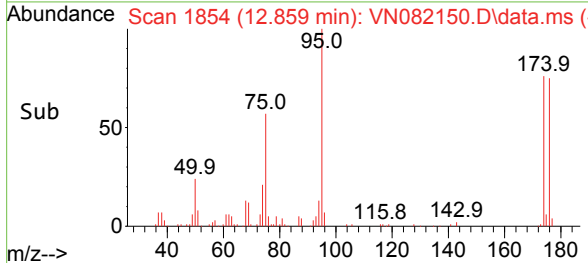
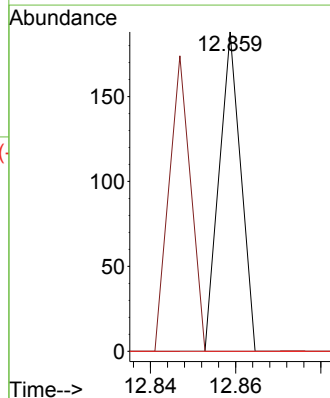
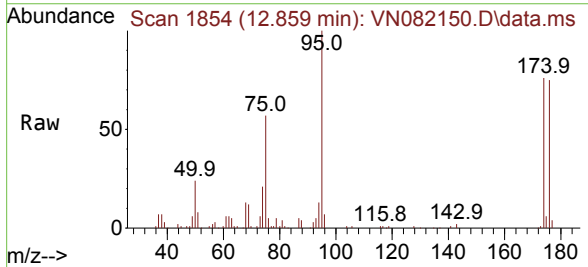
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

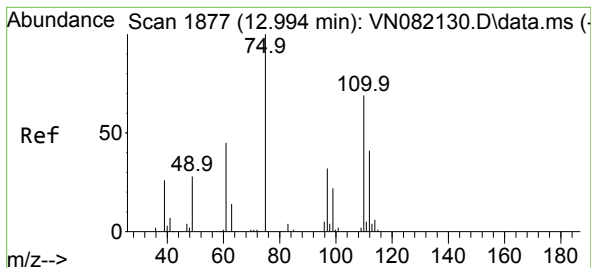
Tgt Ion:	43	Resp:	84
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	0.0	21.3	31.9#
61	0.0	20.5	30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.024 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.082 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion:	83	Resp:	66
Ion	Ratio	Lower	Upper
83	100		
131	92.4	5.5	16.4#
85	0.0	32.9	98.6#





#76

1,2,3-Trichloropropane

Concen: 29.532 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

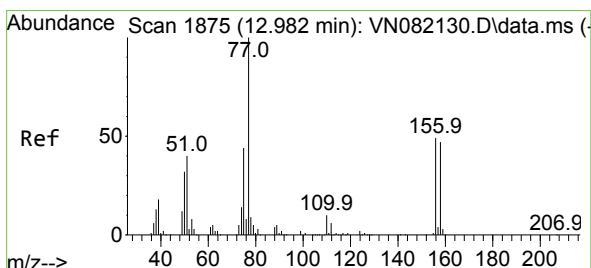
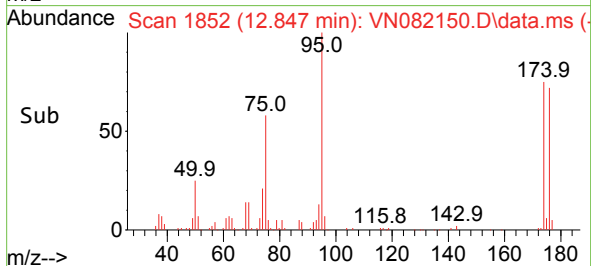
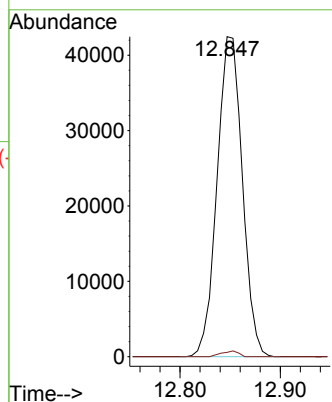
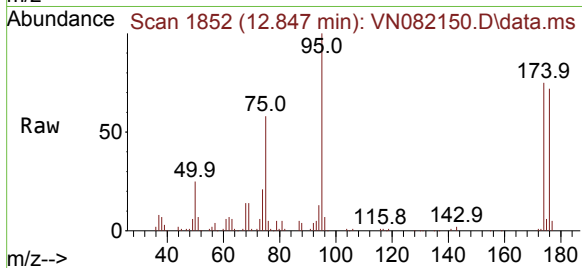
VN0516MBL01

Tgt Ion: 75 Resp: 74264

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#77

Bromobenzene

Concen: 0.030 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

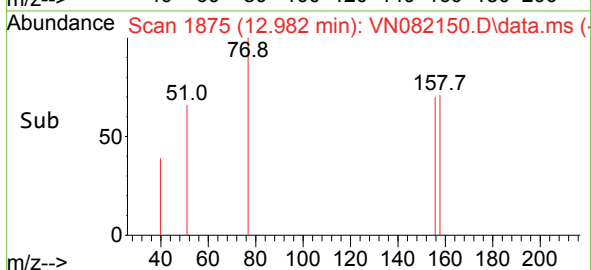
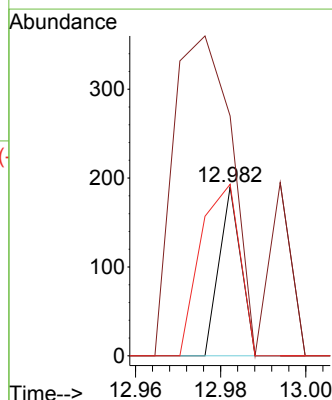
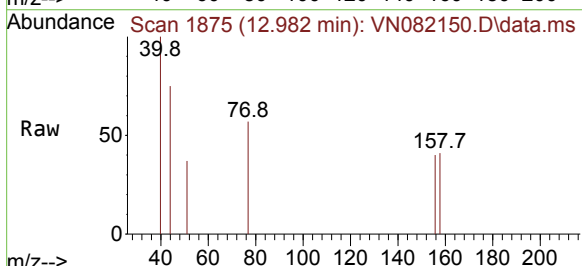
Tgt Ion:156 Resp: 67

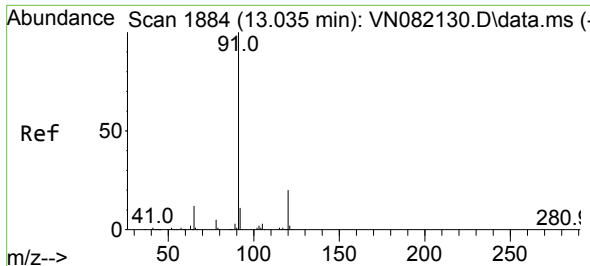
Ion Ratio Lower Upper

156 100

77 609.0 100.2 300.6#

158 185.1 49.1 147.3#

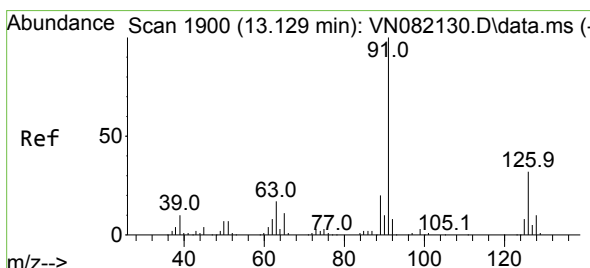
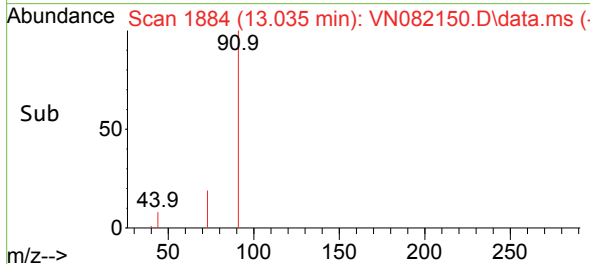
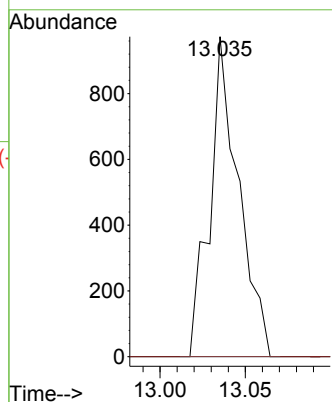
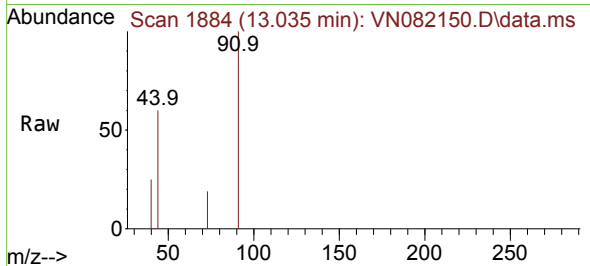




#78
n-propylbenzene
Concen: 0.102 ug/l
RT: 13.035 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

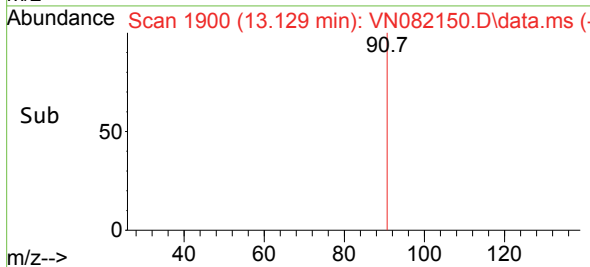
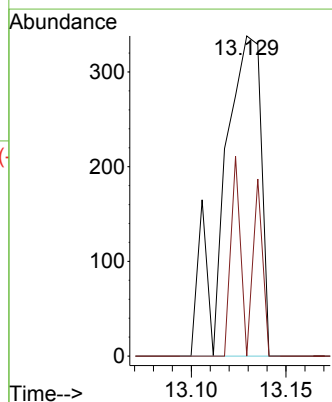
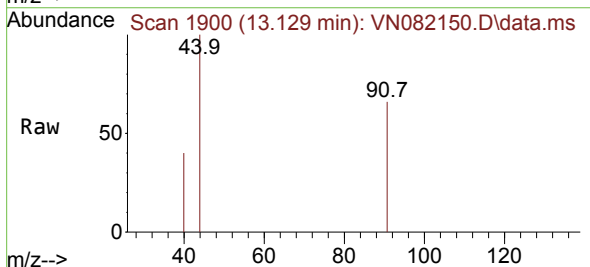
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

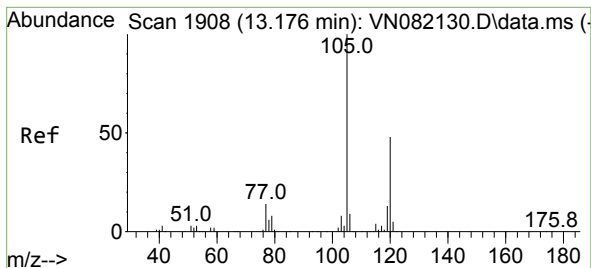
Tgt Ion: 91 Resp: 1144
Ion Ratio Lower Upper
91 100
120 0.0 11.7 35.0#



#79
2-Chlorotoluene
Concen: 0.066 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 91 Resp: 468
Ion Ratio Lower Upper
91 100
126 29.9 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 0.050 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

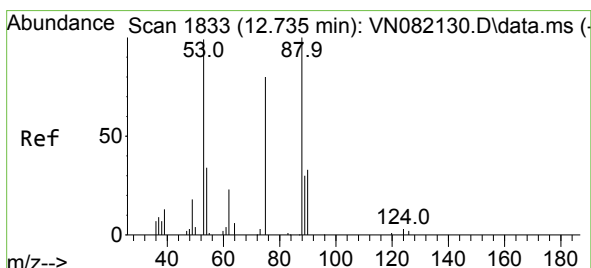
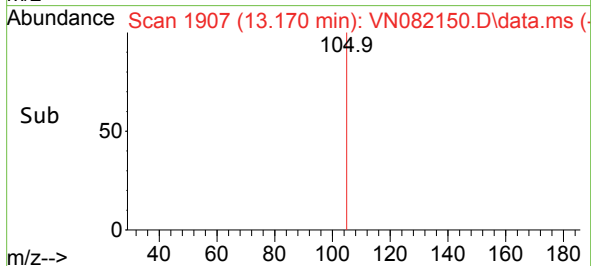
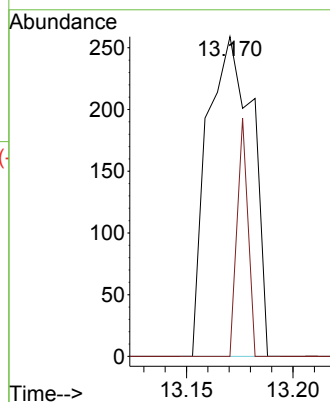
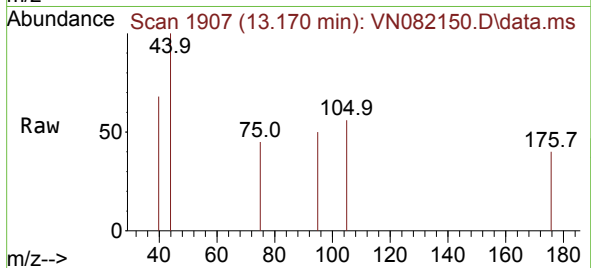
VN0516MBL01

Tgt Ion:105 Resp: 380

Ion Ratio Lower Upper

105 100

120 17.9 24.8 74.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.074 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

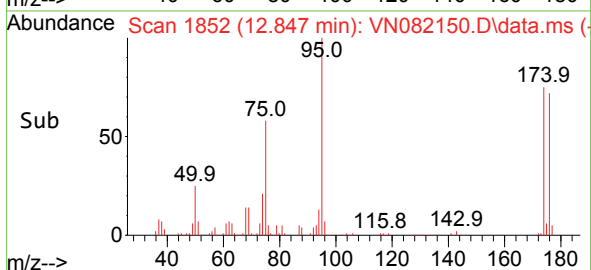
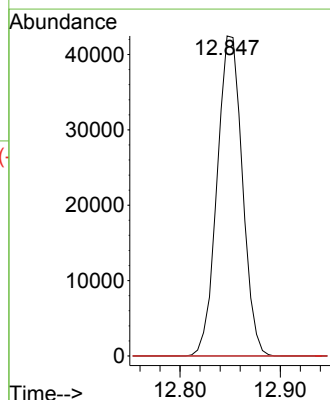
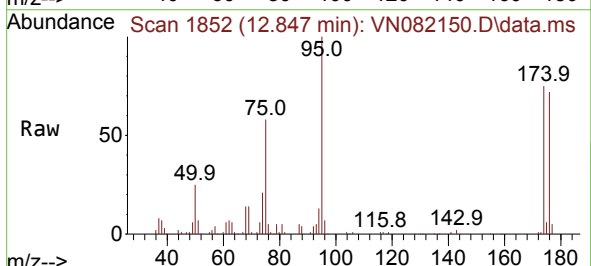
Tgt Ion: 75 Resp: 74264

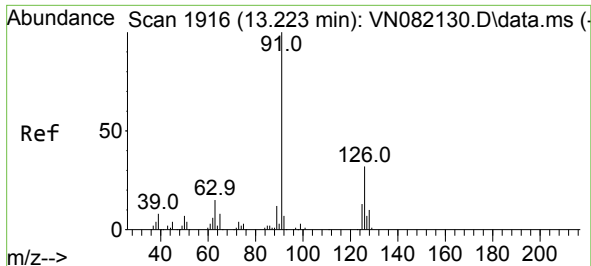
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

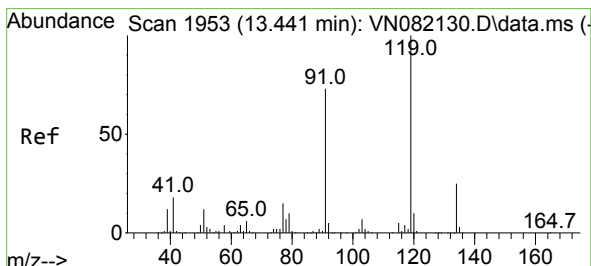
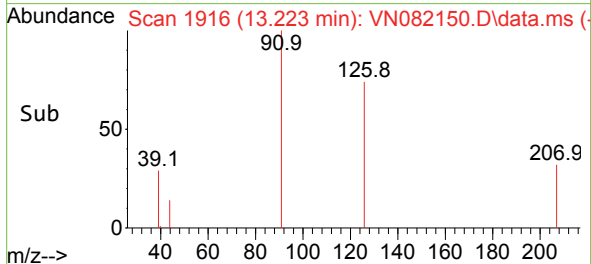
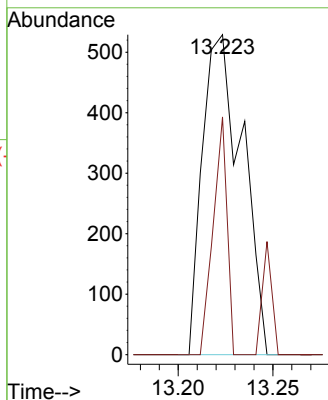
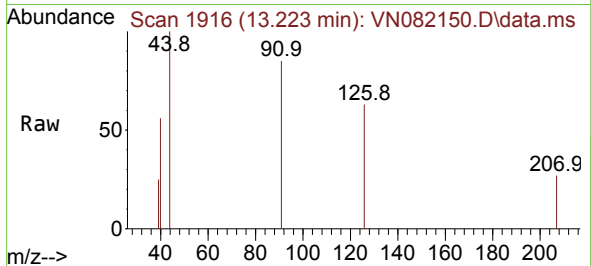




#82
4-Chlorotoluene
Concen: 0.112 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

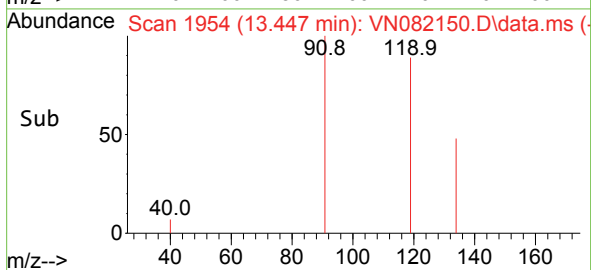
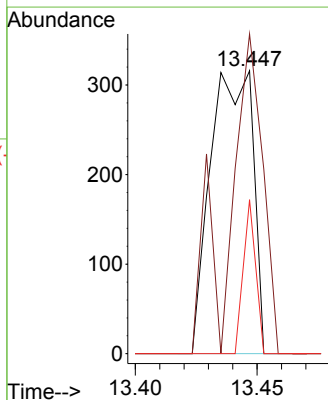
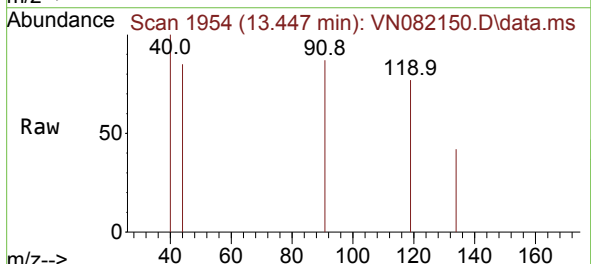
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

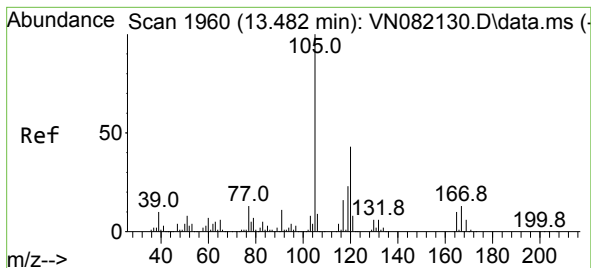
Tgt Ion: 91 Resp: 776
Ion Ratio Lower Upper
91 100
126 25.9 17.4 52.3



#83
tert-Butylbenzene
Concen: 0.057 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

Tgt Ion: 119 Resp: 382
Ion Ratio Lower Upper
119 100
91 91.6 32.6 97.8
134 16.0 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 0.070 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

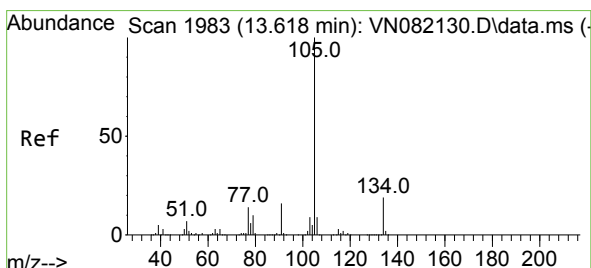
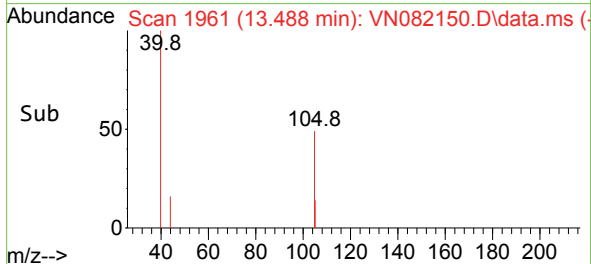
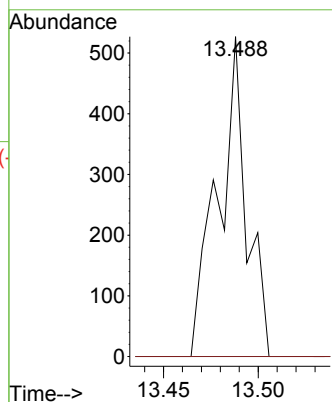
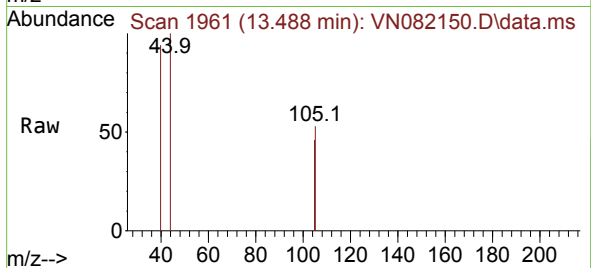
VN0516MBL01

Tgt Ion:105 Resp: 551

Ion Ratio Lower Upper

105 100

120 0.0 22.9 68.7#



#85

sec-Butylbenzene

Concen: 0.086 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN082150.D

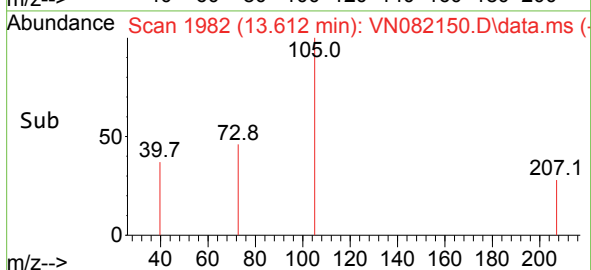
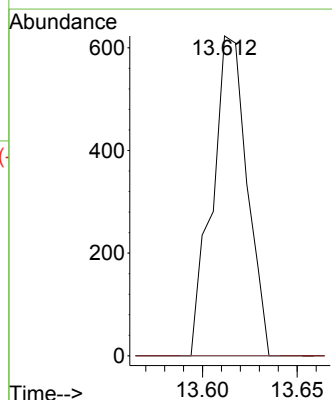
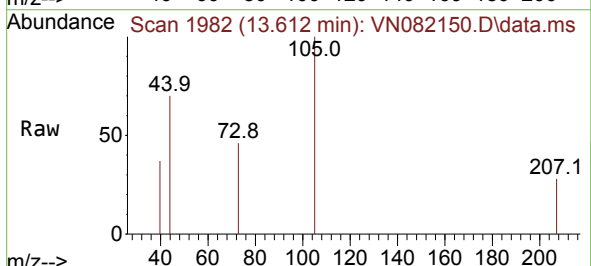
Acq: 16 May 2024 10:22

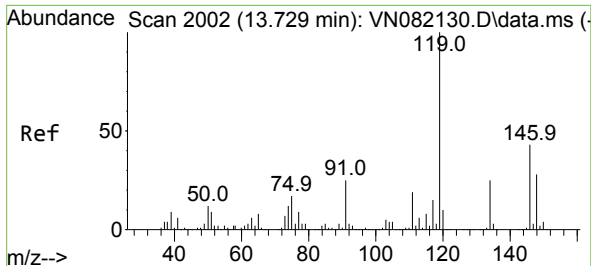
Tgt Ion:105 Resp: 796

Ion Ratio Lower Upper

105 100

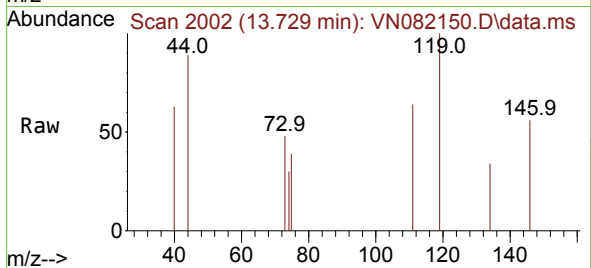
134 0.0 10.2 30.4#



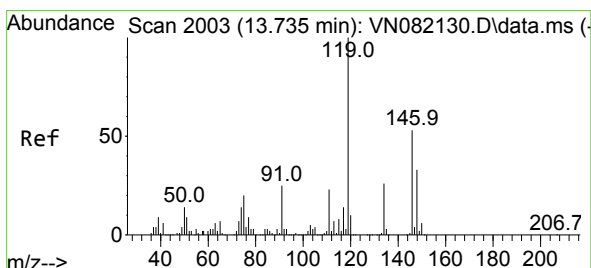
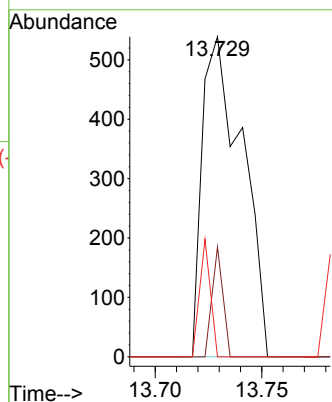
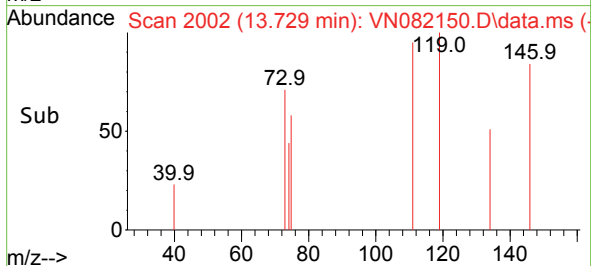


#86
 p-Isopropyltoluene
 Concen: 0.093 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22

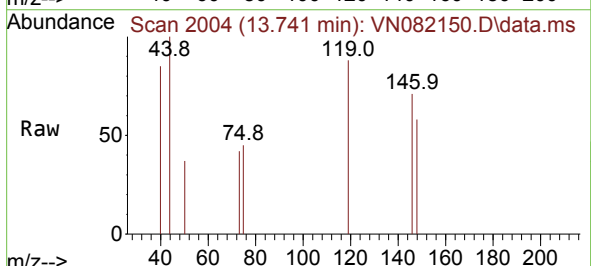
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516MBL01



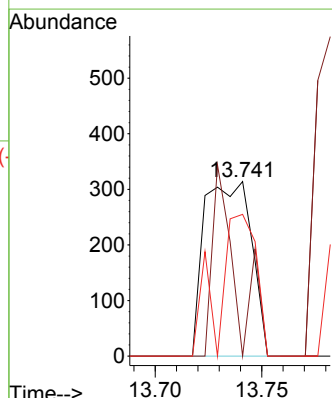
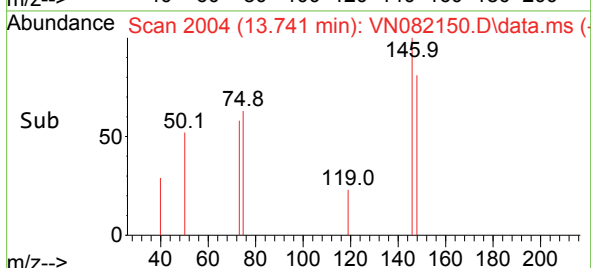
Tgt Ion:119 Resp: 701
 Ion Ratio Lower Upper
 119 100
 134 9.3 13.2 39.5#
 91 10.0 11.8 35.3#

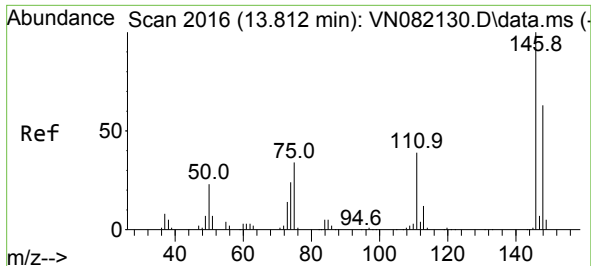


#87
 1,3-Dichlorobenzene
 Concen: 0.118 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN082150.D
 Acq: 16 May 2024 10:22



Tgt Ion:146 Resp: 482
 Ion Ratio Lower Upper
 146 100
 111 54.4 20.8 62.5
 148 65.6 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 0.115 ug/l

RT: 13.741 min Scan# 2016

Delta R.T. -0.071 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0516MBL01

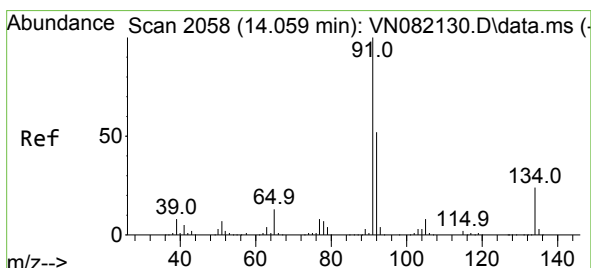
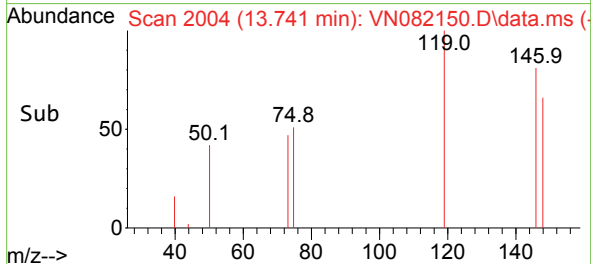
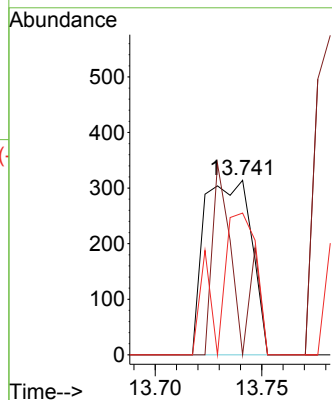
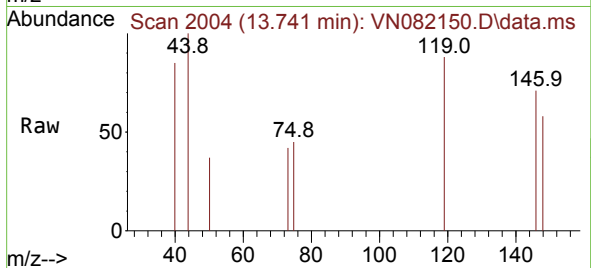
Tgt Ion:146 Resp: 482

Ion Ratio Lower Upper

146 100

111 54.4 19.3 57.9

148 65.6 31.3 93.9



#89

n-Butylbenzene

Concen: 0.210 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

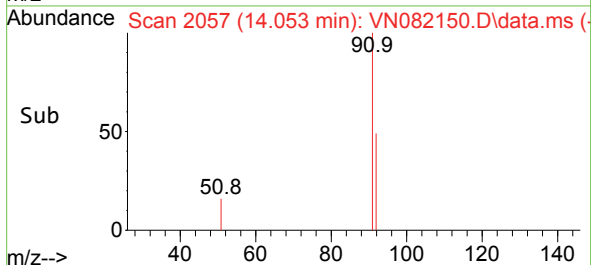
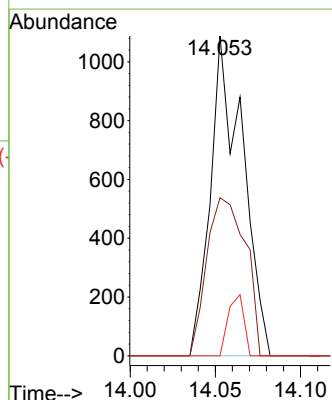
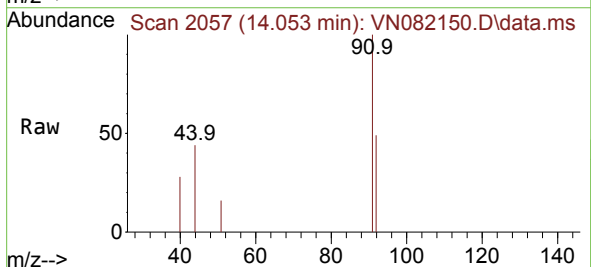
Tgt Ion: 91 Resp: 1425

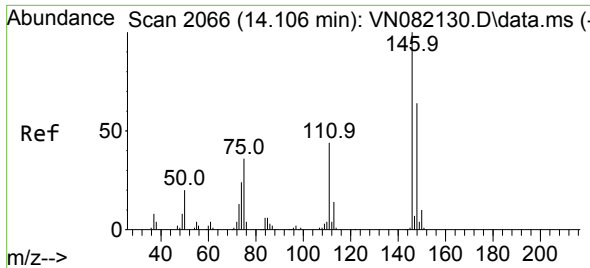
Ion Ratio Lower Upper

91 100

92 59.6 26.2 78.5

134 9.3 13.2 39.5#

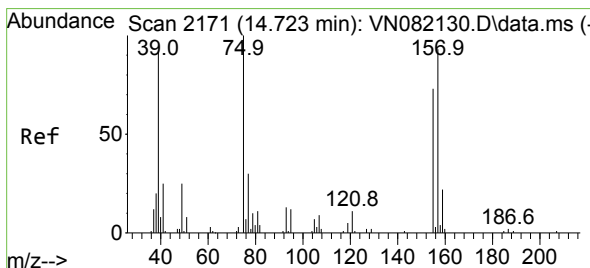
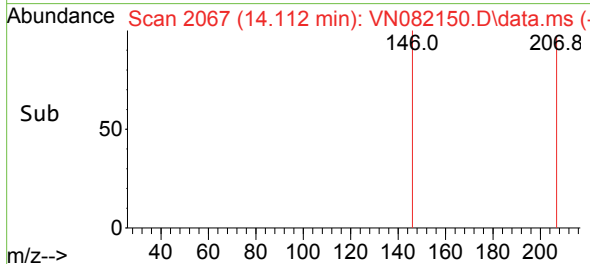
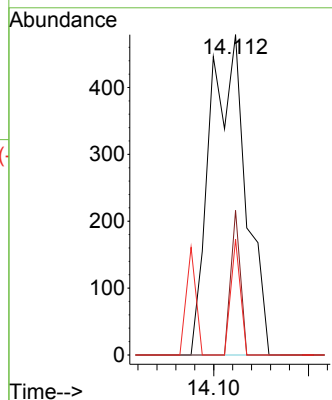
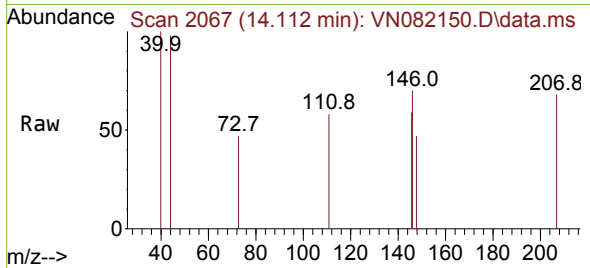




#91
1,2-Dichlorobenzene
Concen: 0.162 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

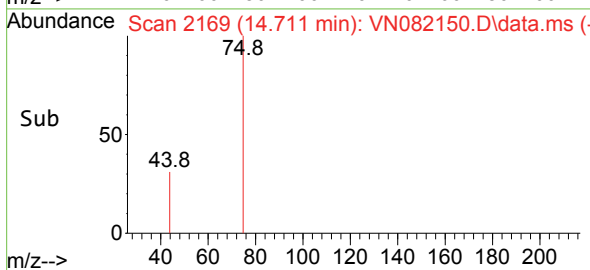
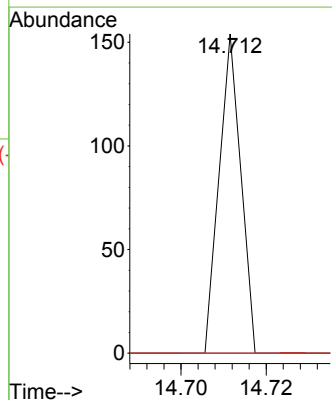
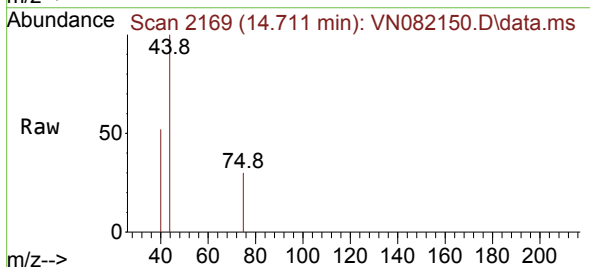
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01

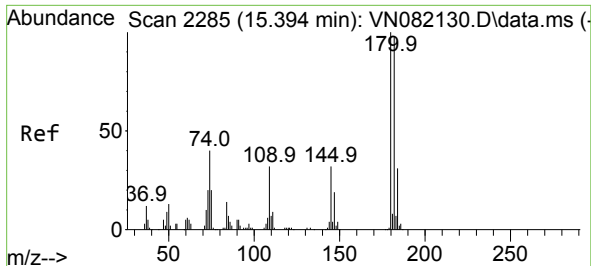
Tgt Ion:146 Resp: 627
Ion Ratio Lower Upper
146 100
111 12.1 21.3 64.0#
148 9.7 31.8 95.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.096 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

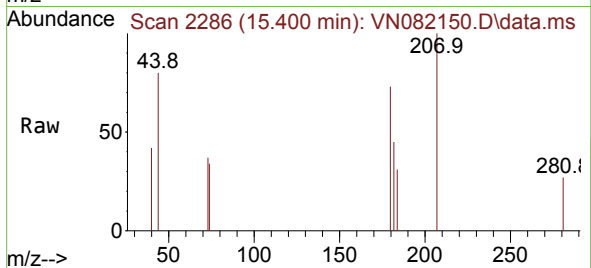
Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
155 0.0 42.6 128.0#
157 0.0 53.0 159.0#



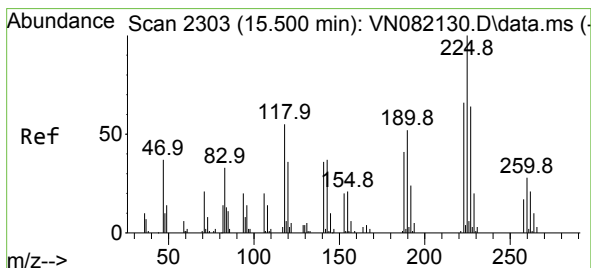
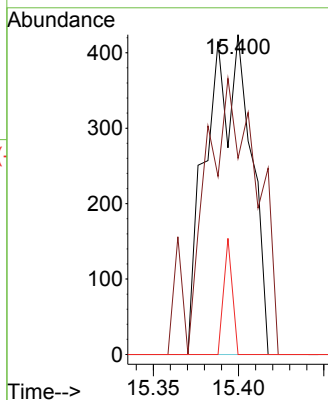
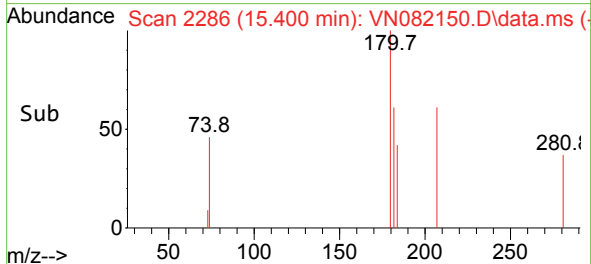


#93
1,2,4-Trichlorobenzene
Concen: 0.346 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22

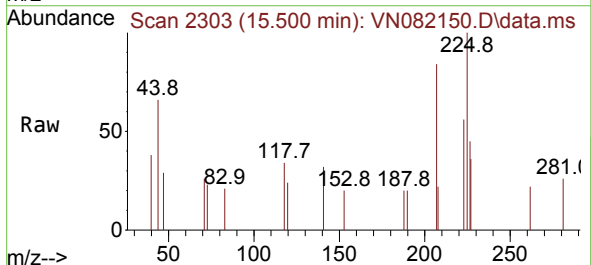
Instrument :
MSVOA_N
ClientSampleId :
VN0516MBL01



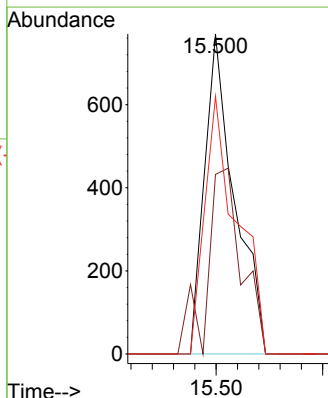
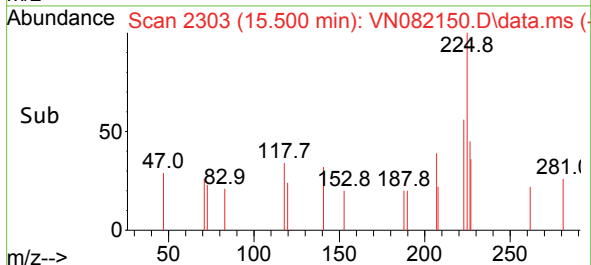
Tgt Ion:180 Resp: 753
Ion Ratio Lower Upper
180 100
182 105.2 46.7 140.0
145 7.2 16.2 48.6#

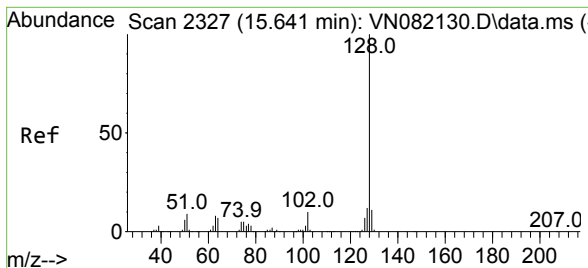


#94
Hexachlorobutadiene
Concen: 0.791 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN082150.D
Acq: 16 May 2024 10:22



Tgt Ion:225 Resp: 755
Ion Ratio Lower Upper
225 100
223 66.0 31.1 93.2
227 86.9 30.6 91.6





#95

Naphthalene

Concen: 0.487 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0516MBL01

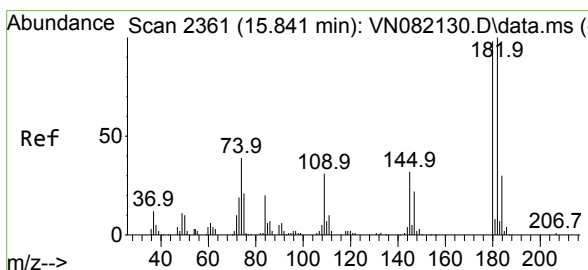
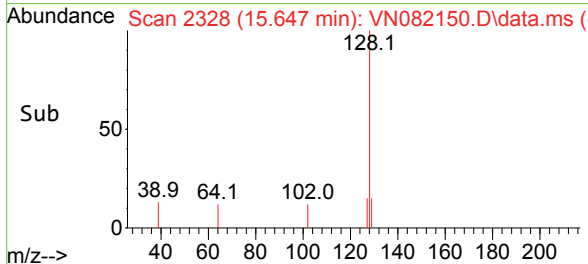
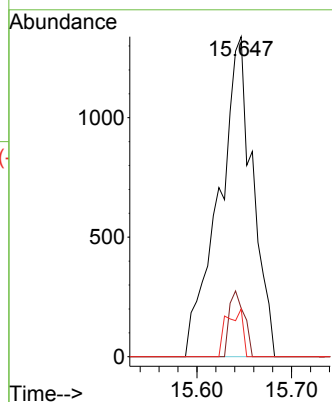
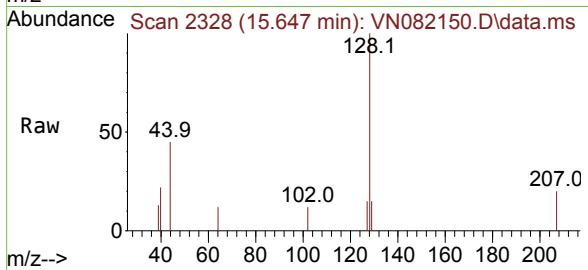
Tgt Ion:128 Resp: 3320

Ion Ratio Lower Upper

128 100

127 9.1 10.1 15.1#

129 7.2 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.469 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.012 min

Lab File: VN082150.D

Acq: 16 May 2024 10:22

Tgt Ion:180 Resp: 1020

Ion Ratio Lower Upper

180 100

182 103.1 46.0 137.8

145 21.8 17.1 51.3

