

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080501.D
 Acq On : 15 Dec 2023 14:24
 Operator : JC\MD
 Sample : 05829-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 02:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	241057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	434658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	445449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159114	51.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.360%	
35) Dibromofluoromethane	8.165	113	132260	47.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.980%	
50) Toluene-d8	10.571	98	499452	48.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.180%	
62) 4-Bromofluorobenzene	12.847	95	208793	53.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.000%	

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	3065	0.552	ug/l #	84
5) Bromomethane	2.977	94	369	0.311	ug/l #	77
13) Acrolein	4.183	56	589	1.483	ug/l #	16
14) Allyl chloride	5.265	41	5775	1.801	ug/l #	52
15) Acrylonitrile	5.818	53	2072	2.022	ug/l #	42
16) Acetone	4.430	43	13747	25.182	ug/l #	88
17) Carbon Disulfide	4.718	76	1625	0.221	ug/l #	75
19) Methyl tert-butyl Ether	5.789	73	2419	0.280	ug/l #	1
20) Methylene Chloride	5.265	84	721	0.247	ug/l #	57
25) 2-Butanone	7.483	43	1286	1.223	ug/l #	82
30) Chloroform	7.930	83	3161	0.590	ug/l #	15
31) Cyclohexane	8.259	56	23310	5.567	ug/l #	86
36) 1,1-Dichloropropene	8.224	75	19082	4.235	ug/l #	50
37) Ethyl Acetate	7.483	43	1286	0.456	ug/l #	78
38) Carbon Tetrachloride	8.224	117	27071	5.028	ug/l #	16
39) Methylcyclohexane	9.606	83	22899	4.892	ug/l	94
40) Benzene	8.612	78	96531	7.419	ug/l	92
41) Methacrylonitrile	7.847	41	1051	0.646	ug/l #	21
43) Isopropyl Acetate	8.694	43	1366	0.269	ug/l #	49
47) Bromodichloromethane	9.871	83	1098	0.233	ug/l #	26
51) 4-Methyl-2-Pentanone	10.441	43	817	0.292	ug/l #	74
52) Toluene	10.629	92	5043	0.613	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	5038	1.703	ug/l #	20
67) Ethyl Benzene	11.965	91	745415	40.911	ug/l	94
68) m/p-Xylenes	12.076	106	374196	55.578	ug/l	89
69) o-Xylene	12.400	106	9060	1.376	ug/l	97
71) Bromoform	12.847	173	688	0.243	ug/l #	1
73) Isopropylbenzene	12.694	105	63089	3.681	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	111576	26.213	ug/l #	1
78) n-propylbenzene	13.035	91	137010	7.250	ug/l	100
79) 2-Chlorotoluene	13.129	91	26803	2.172	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	242607	16.435	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	111576	68.824	ug/l #	15
82) 4-Chlorotoluene	13.170	91	27752	2.188	ug/l #	41
83) tert-Butylbenzene	13.482	119	117202	9.695	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	1000684	68.141	ug/l	97

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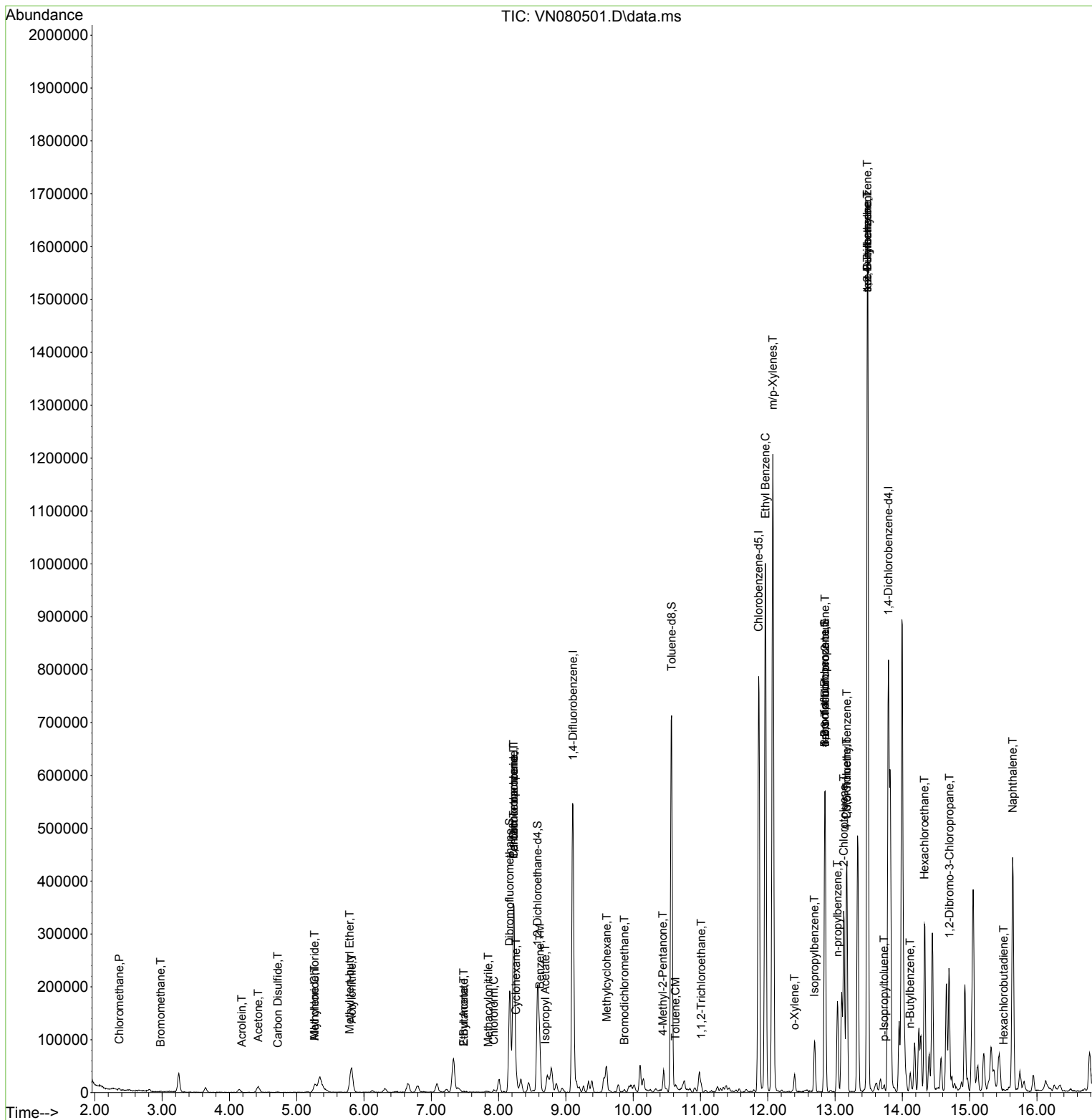
Instrument :
MSVOA_N
ClientSampleId :

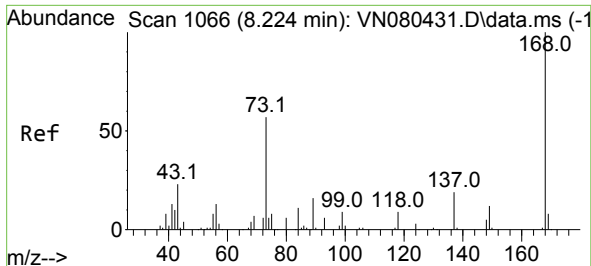
Quant Time: Dec 16 02:52:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.482	105	1000684	64.707	ug/l #	57
86) p-Isopropyltoluene	13.729	119	5339	0.382	ug/l #	72
89) n-Butylbenzene	14.117	91	4290	0.368	ug/l #	3
90) Hexachloroethane	14.329	117	18408	8.301	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1216	1.259	ug/l #	4
94) Hexachlorobutadiene	15.506	225	560	0.251	ug/l	90
95) Naphthalene	15.641	128	410013	34.474	ug/l	99

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

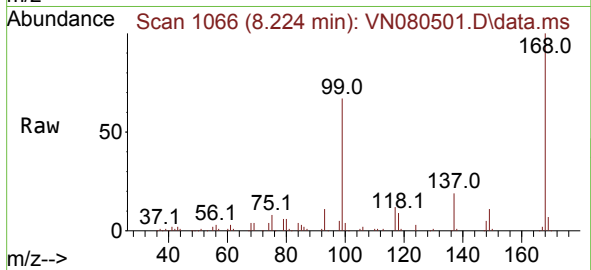
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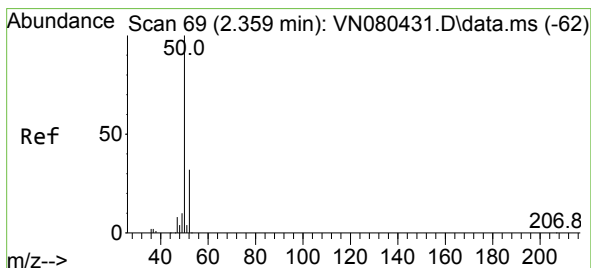
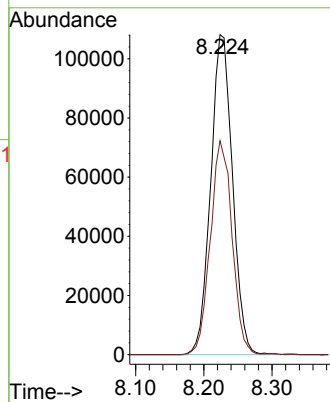
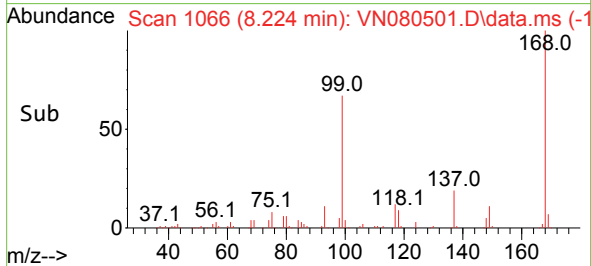


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Instrument :
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ClientSampleId :

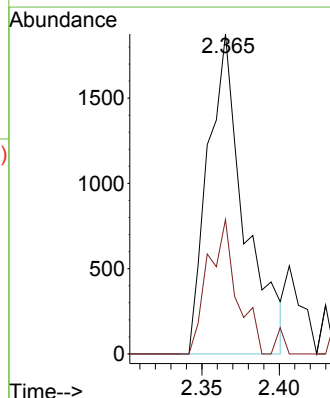
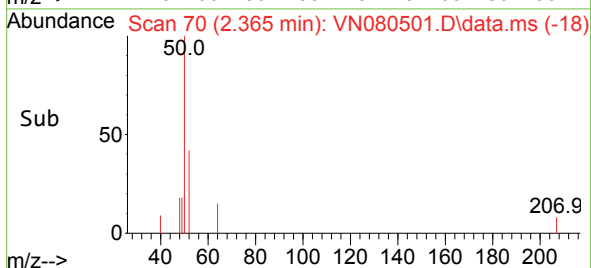
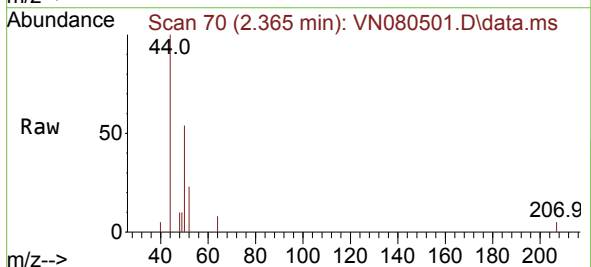


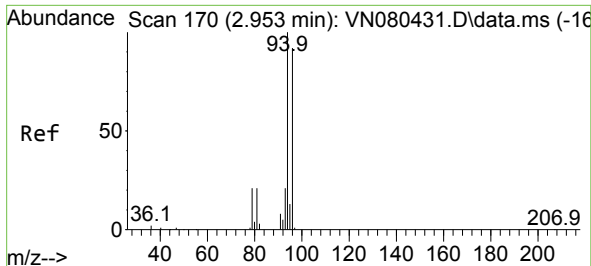
Tgt Ion:168 Resp: 241057
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#3
Chloromethane
Concen: 0.552 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 50 Resp: 3065
Ion Ratio Lower Upper
50 100
52 42.0 26.5 39.7#

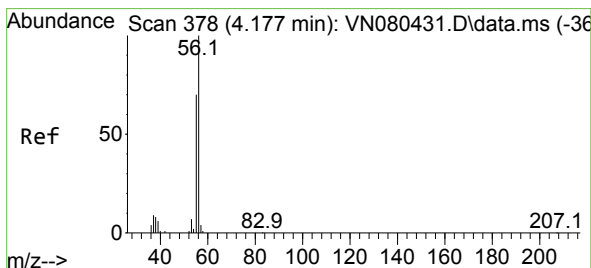
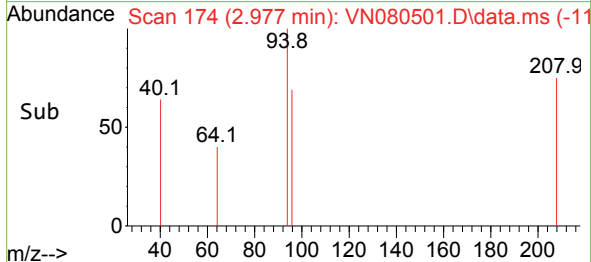
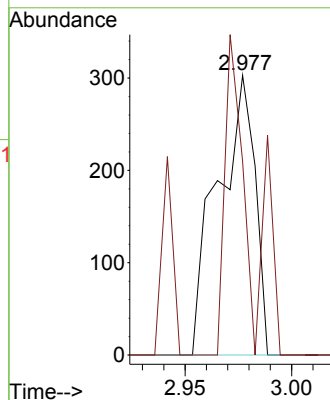
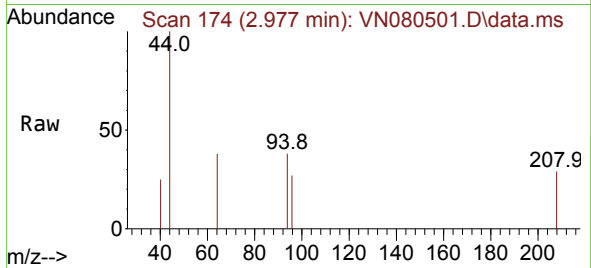




#5
Bromomethane
Concen: 0.311 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

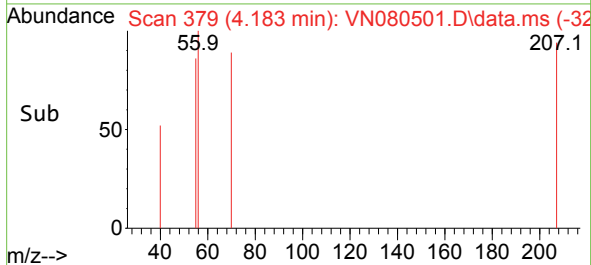
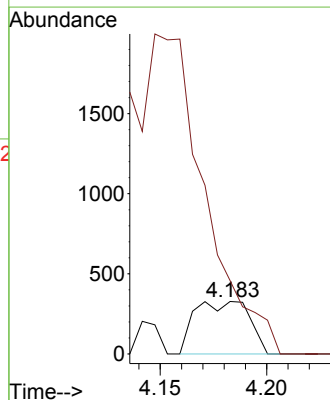
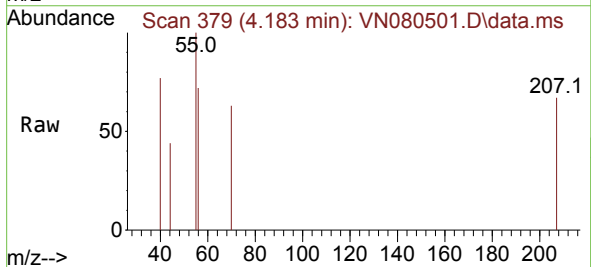
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MSVOA_N
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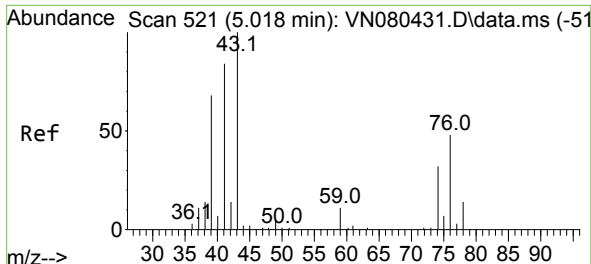
Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 69.3 73.1 109.7#



#13
Acrolein
Concen: 1.483 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

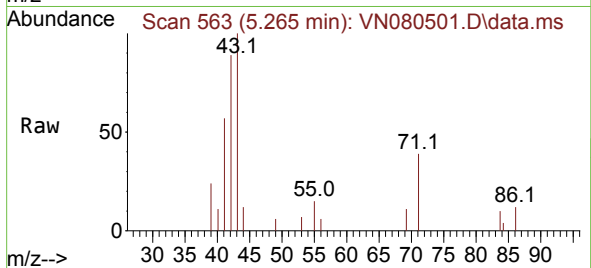
Tgt Ion: 56 Resp: 589
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



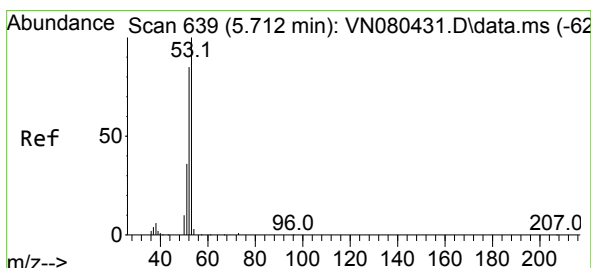
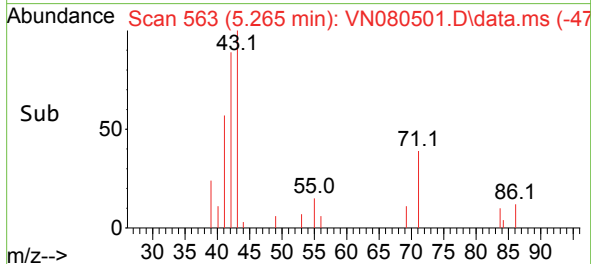
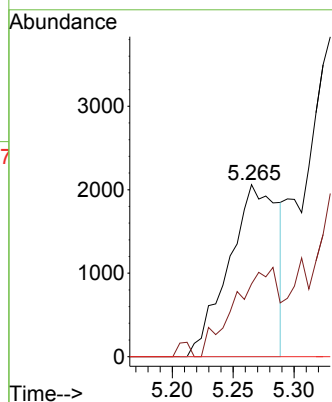


#14
 Allyl chloride
 Concen: 1.801 ug/l
 RT: 5.265 min Scan# 51
 Delta R.T. 0.247 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Instrument :
 MSVOA_N
 ClientSampleId :

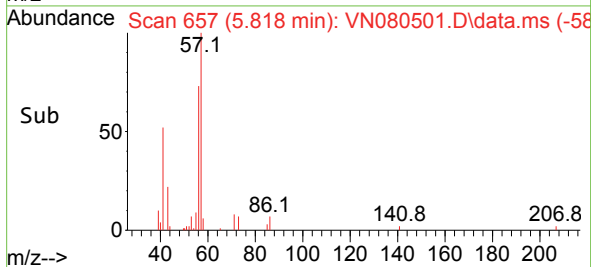
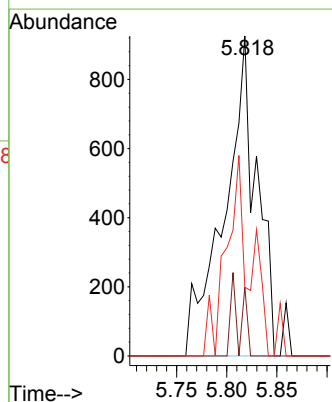
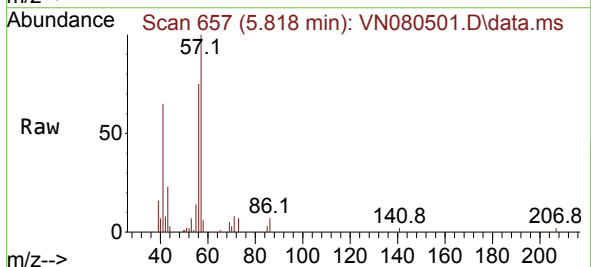


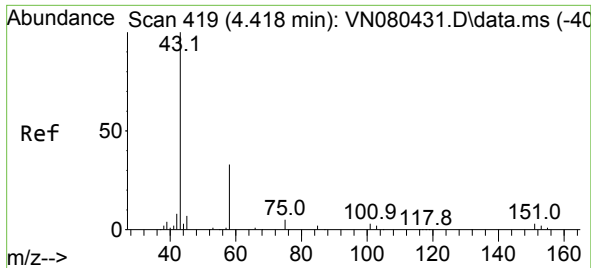
Tgt Ion: 41 Resp: 5775
 Ion Ratio Lower Upper
 41 100
 39 45.9 58.8 88.2#
 76 0.0 39.1 58.7#



#15
 Acrylonitrile
 Concen: 2.022 ug/l
 RT: 5.818 min Scan# 657
 Delta R.T. 0.106 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Tgt Ion: 53 Resp: 2072
 Ion Ratio Lower Upper
 53 100
 52 7.5 65.3 97.9#
 51 36.0 28.9 43.3

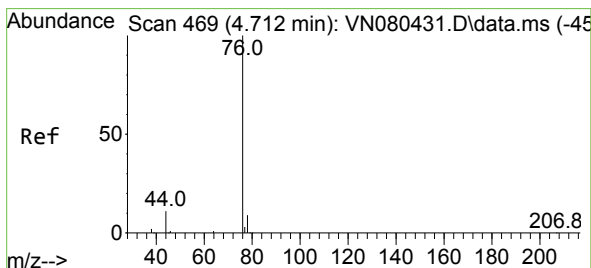
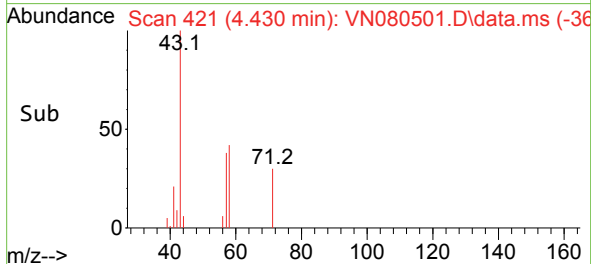
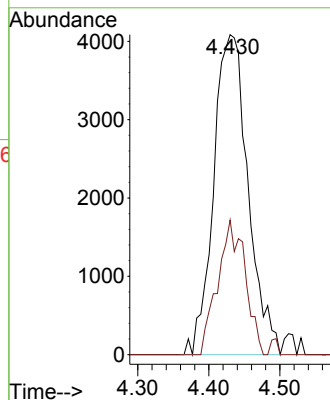
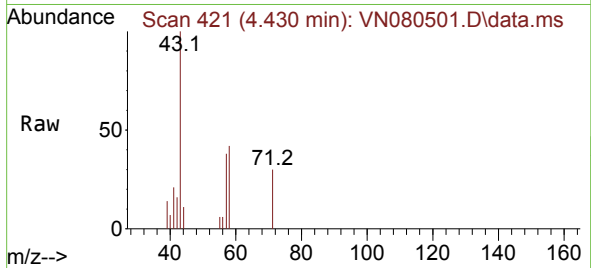




#16
Acetone
Concen: 25.182 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

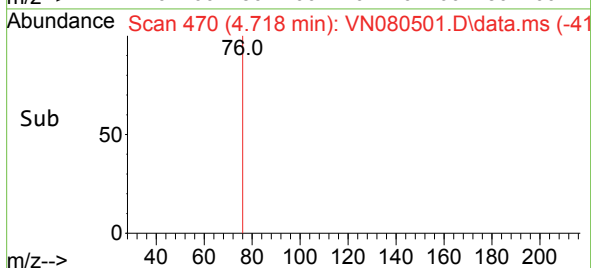
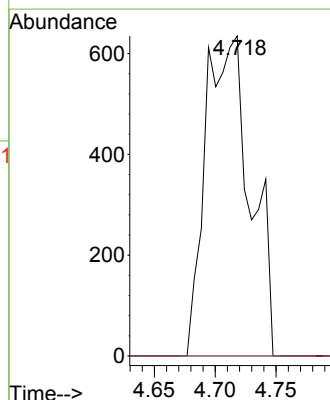
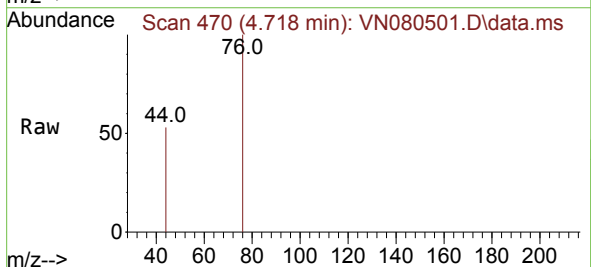
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MSVOA_N
ClientSampleId :

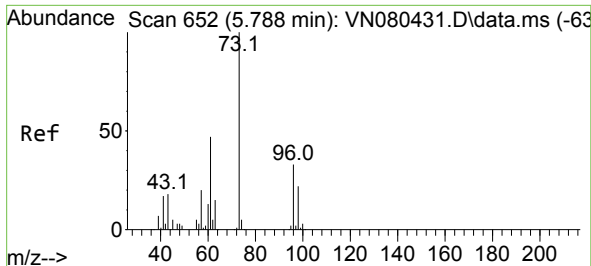
Tgt Ion: 43 Resp: 13747
Ion Ratio Lower Upper
43 100
58 42.1 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 76 Resp: 1625
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#19

Methyl tert-butyl Ether

Concen: 0.280 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

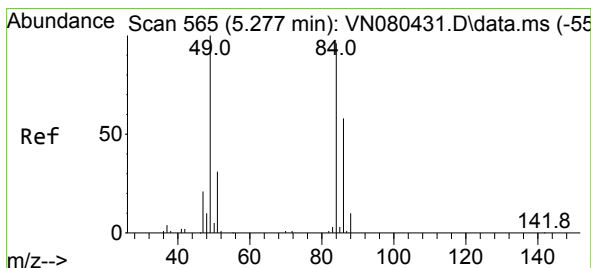
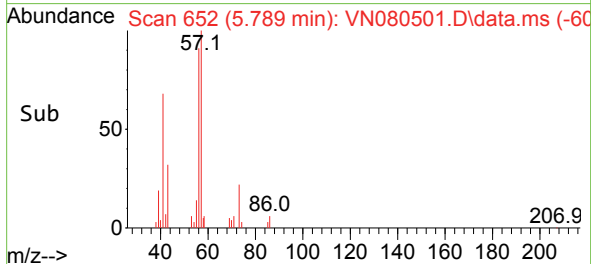
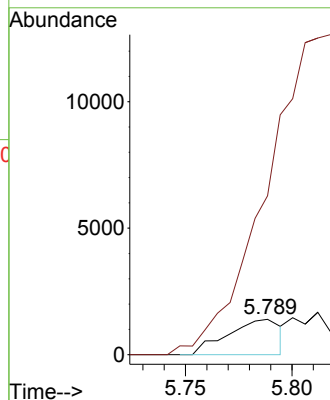
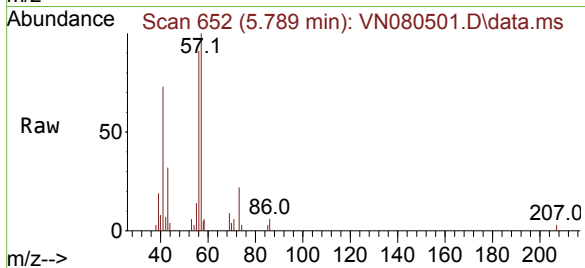
ClientSampleId :

Tgt Ion: 73 Resp: 2419

Ion Ratio Lower Upper

73 100

57 424.2 15.6 23.4#



#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Tgt Ion: 84 Resp: 721

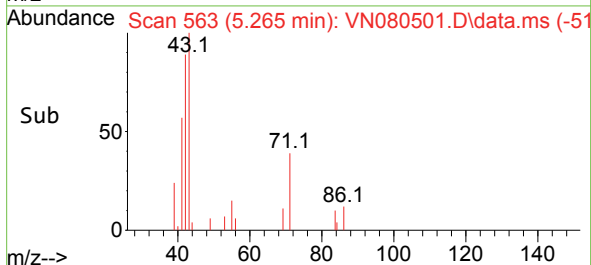
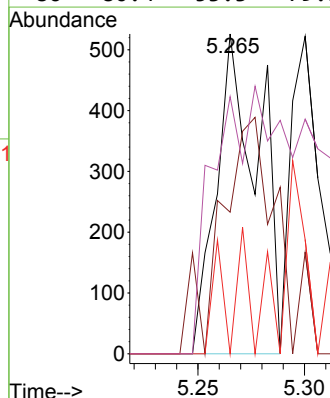
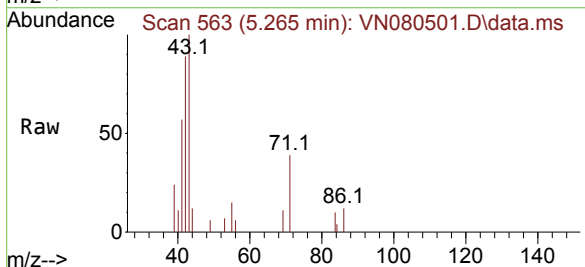
Ion Ratio Lower Upper

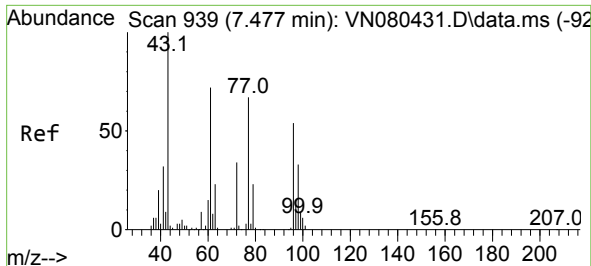
84 100

49 44.3 79.7 119.5#

51 0.0 25.2 37.8#

86 80.4 53.3 79.9#

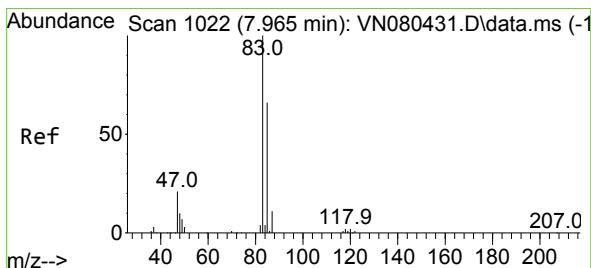
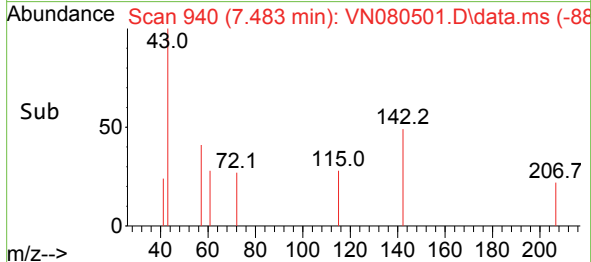
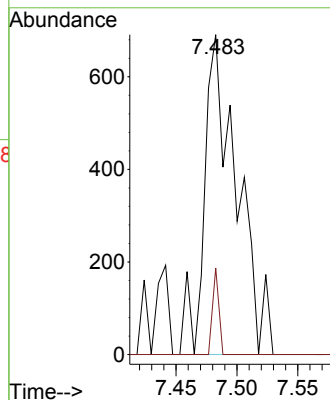
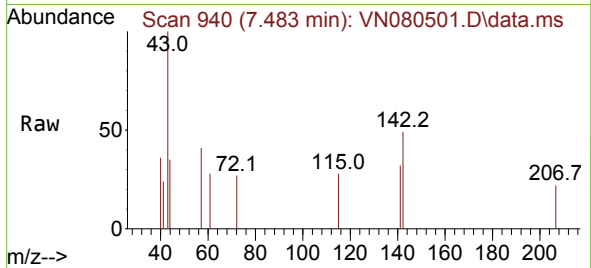




#25
2-Butanone
Concen: 1.223 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

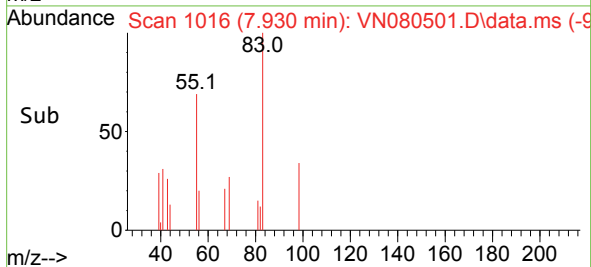
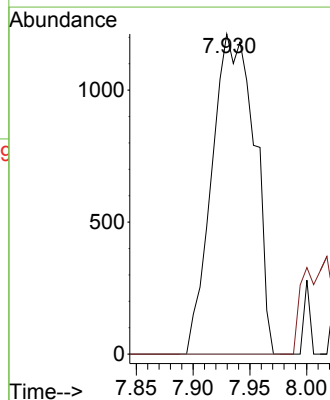
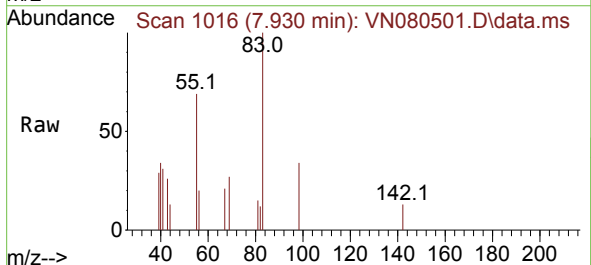
Instrument :
MSVOA_N
ClientSampleId :

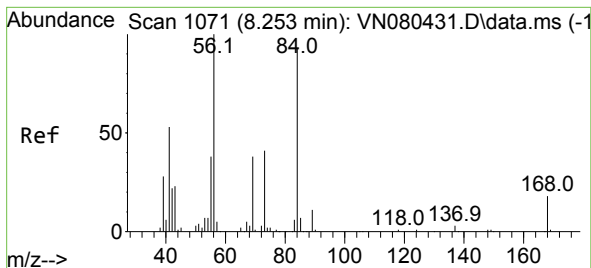
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2#



#30
Chloroform
Concen: 0.590 ug/l
RT: 7.930 min Scan# 1016
Delta R.T. -0.035 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 83 Resp: 3161
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#





#31

Cyclohexane

Concen: 5.567 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

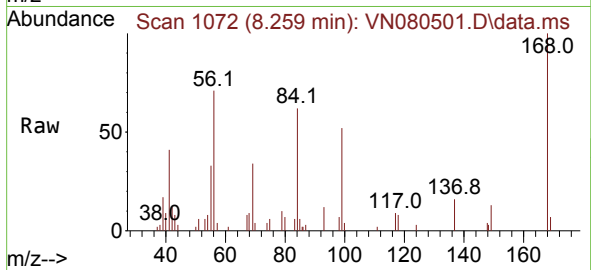
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ClientSampleId :



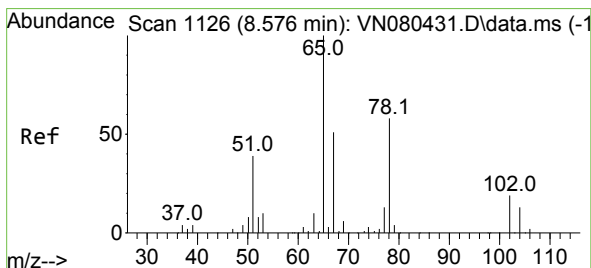
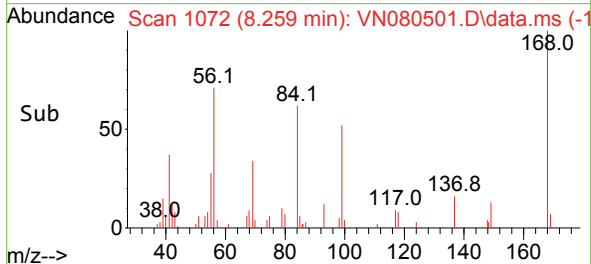
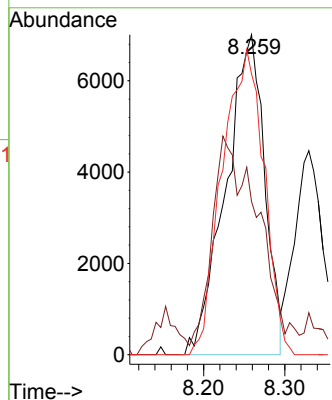
Tgt Ion: 56 Resp: 23310

Ion Ratio Lower Upper

56 100

69 41.6 26.8 40.2#

84 87.6 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 51.680 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080501.D

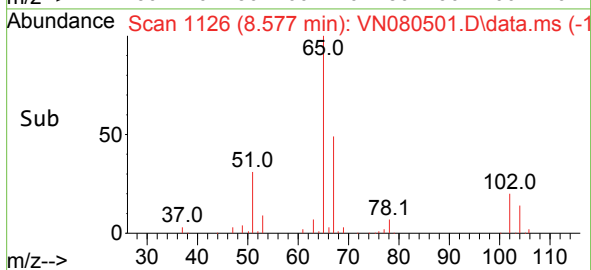
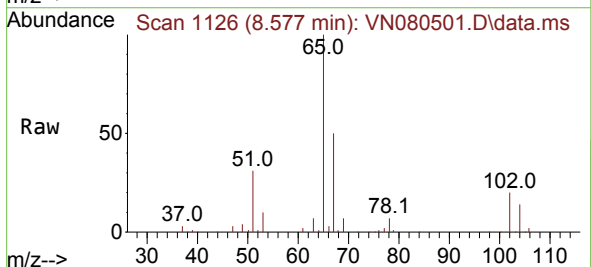
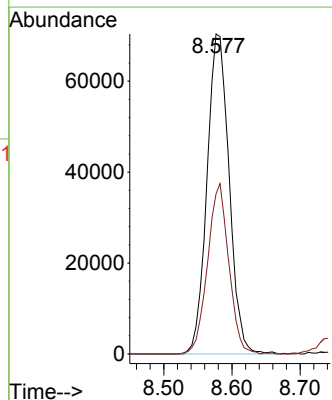
Acq: 15 Dec 2023 14:24

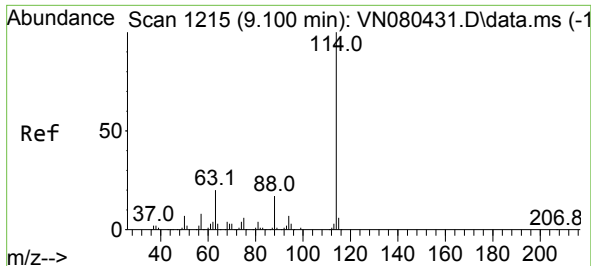
Tgt Ion: 65 Resp: 159114

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

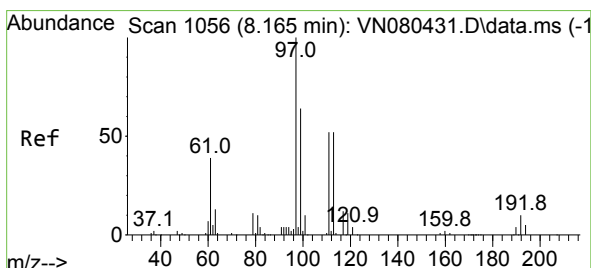
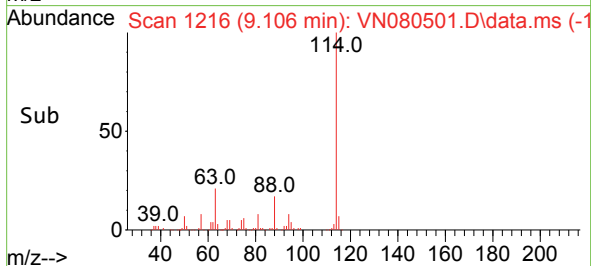
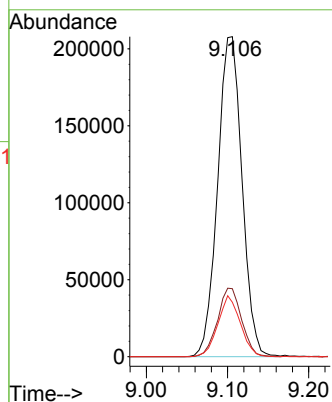
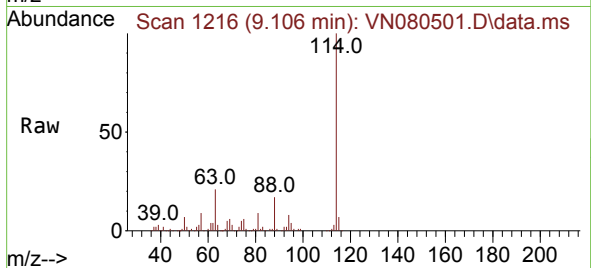
Tgt Ion:114 Resp: 434658

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.992 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

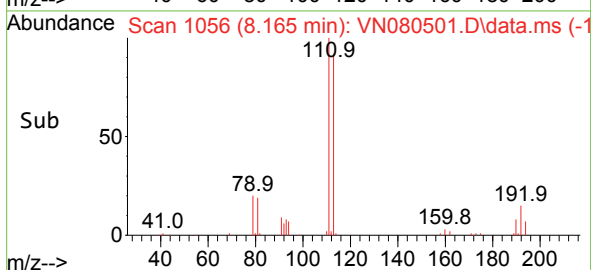
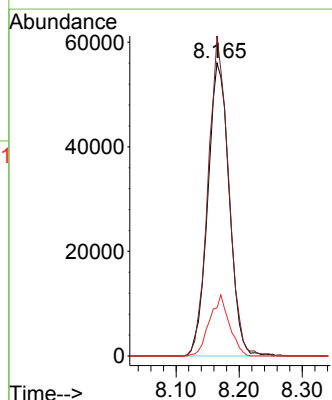
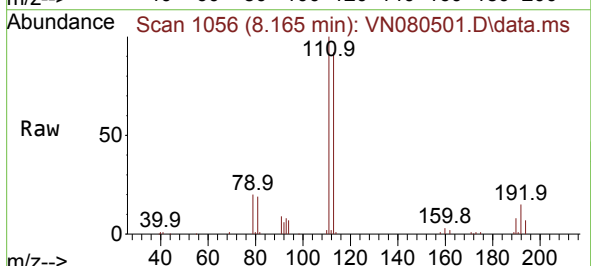
Tgt Ion:113 Resp: 132260

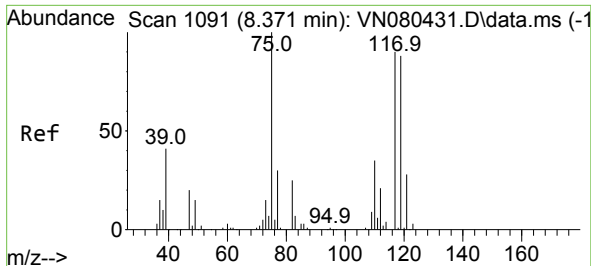
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

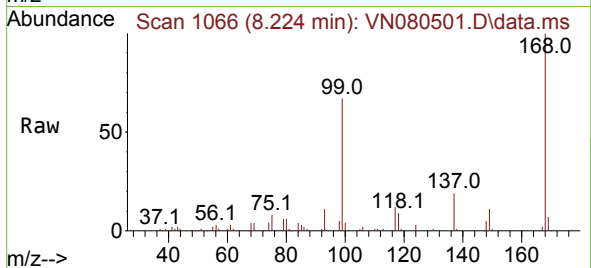
192 19.1 12.7 19.1#



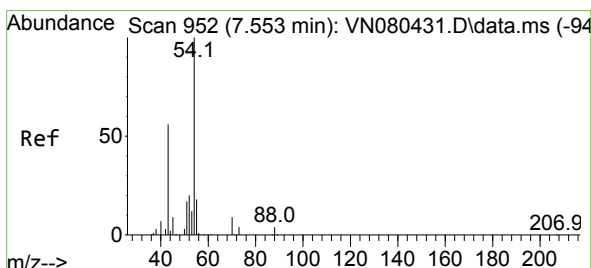
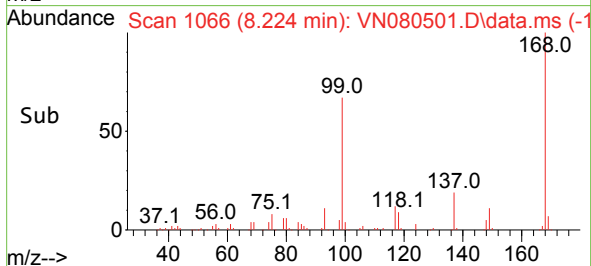
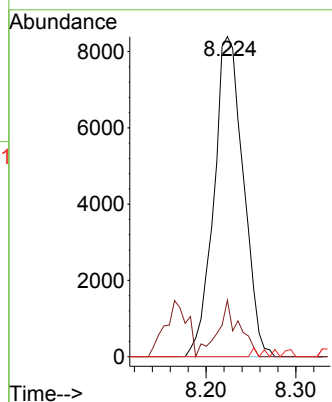


#36
1,1-Dichloropropene
Concen: 4.235 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :

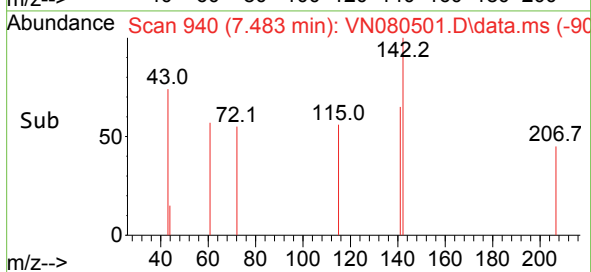
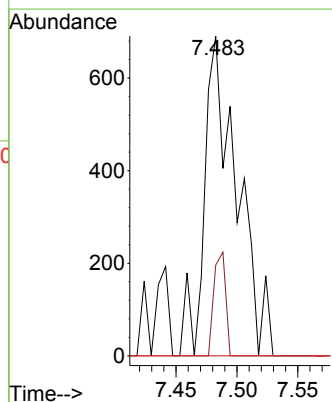
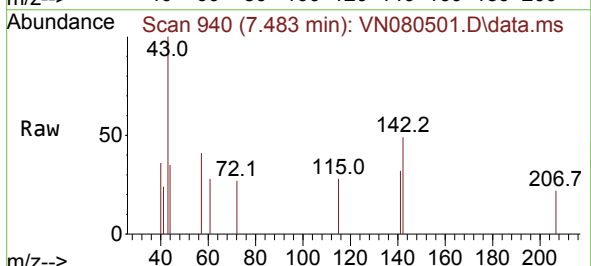


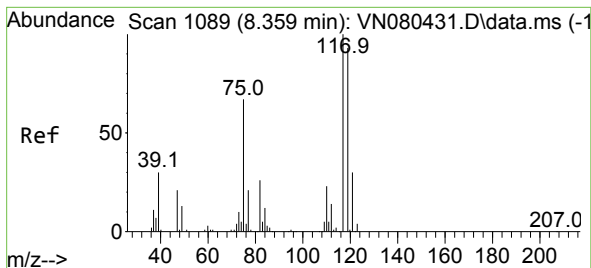
Tgt Ion: 75 Resp: 19082
Ion Ratio Lower Upper
75 100
110 11.8 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.456 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.070 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
61 11.5 13.2 19.8#
70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.028 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

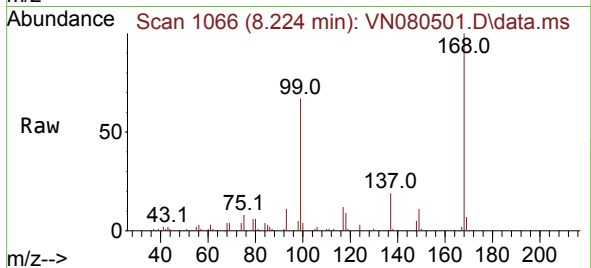
Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :



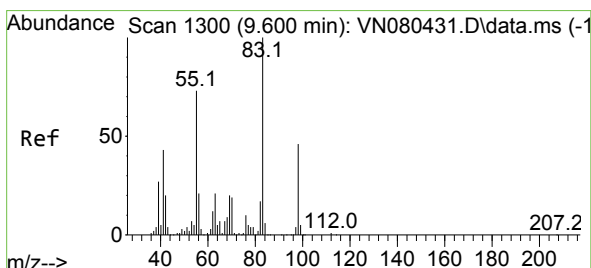
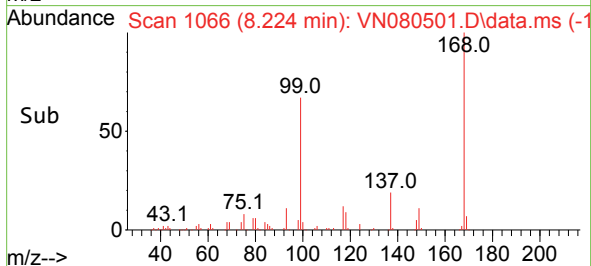
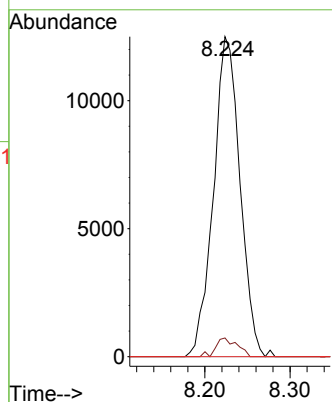
Tgt Ion:117 Resp: 27071

Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 4.892 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

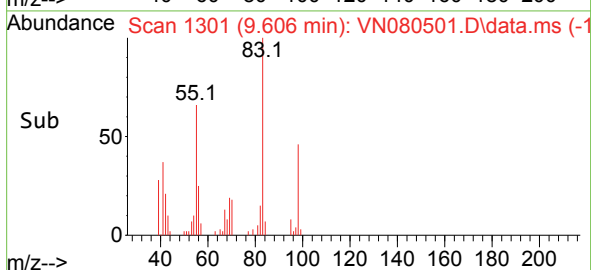
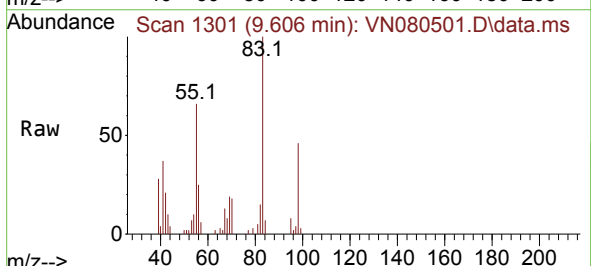
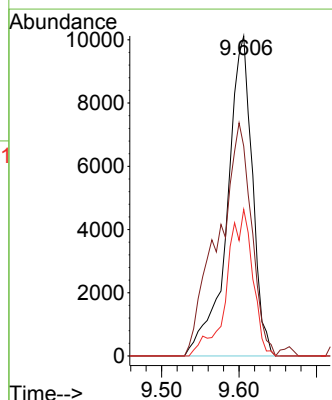
Tgt Ion: 83 Resp: 22899

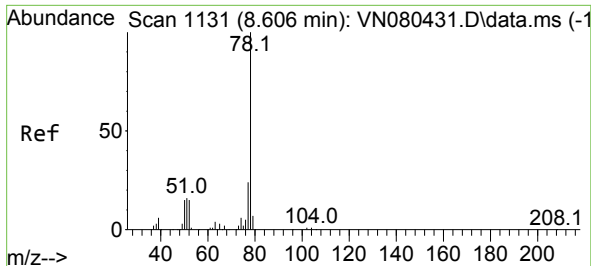
Ion Ratio Lower Upper

83 100

55 65.6 49.1 73.7

98 45.8 40.6 61.0

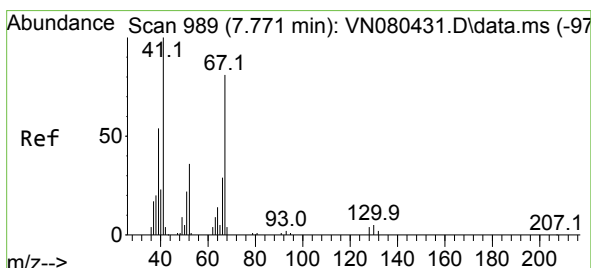
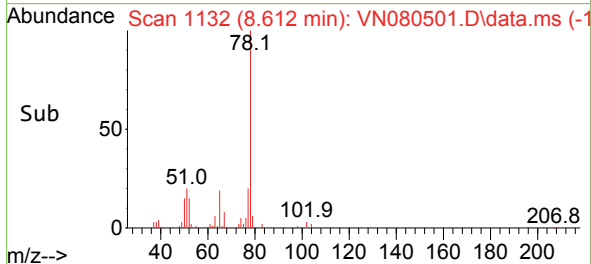
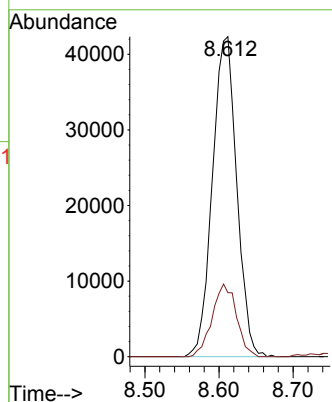
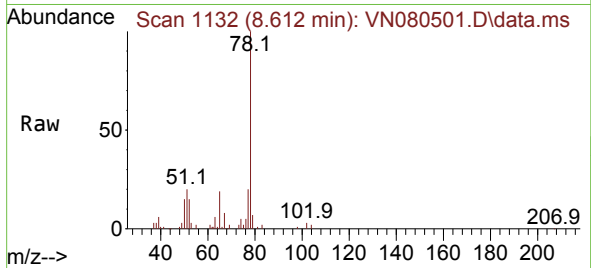




#40
Benzene
Concen: 7.419 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

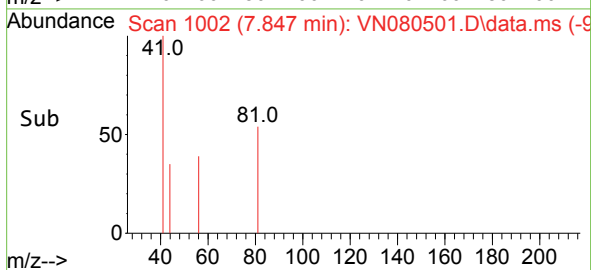
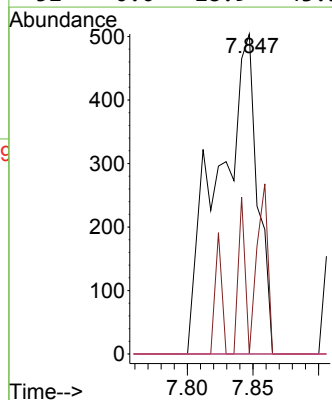
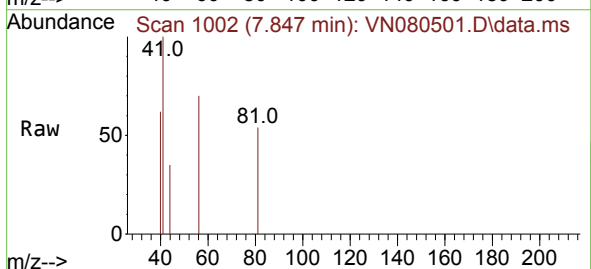
Instrument :
MSVOA_N
ClientSampleId :

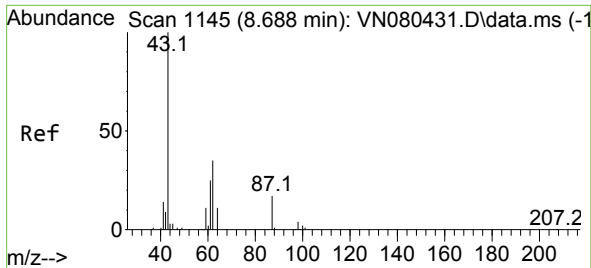
Tgt Ion: 78 Resp: 96531
Ion Ratio Lower Upper
78 100
77 20.0 19.0 28.6



#41
Methacrylonitrile
Concen: 0.646 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.077 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

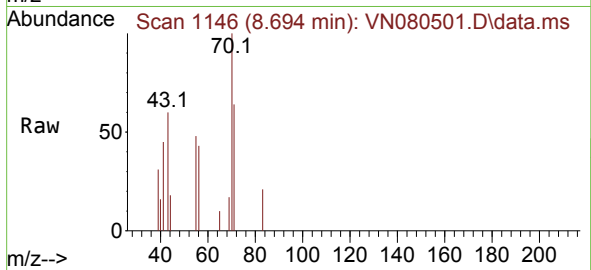
Tgt Ion: 41 Resp: 1051
Ion Ratio Lower Upper
41 100
39 14.7 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#



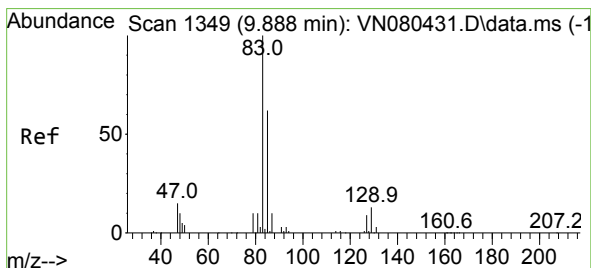
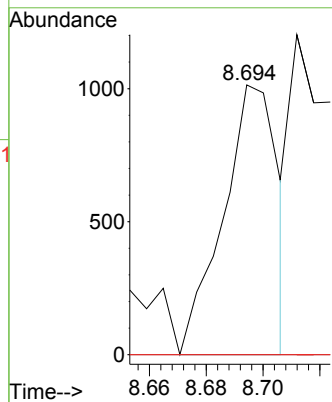
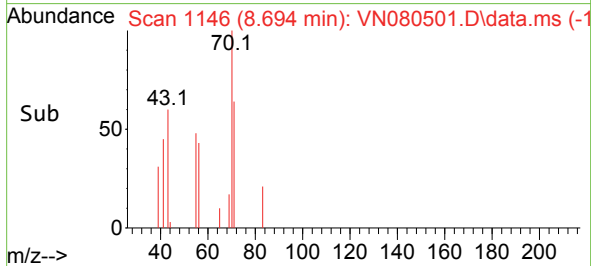


#43
Isopropyl Acetate
Concen: 0.269 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :

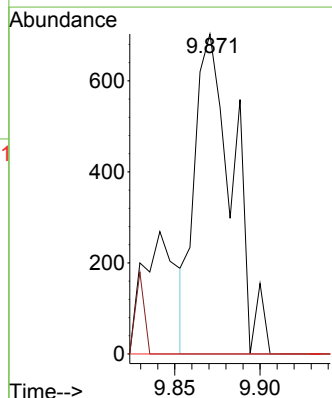
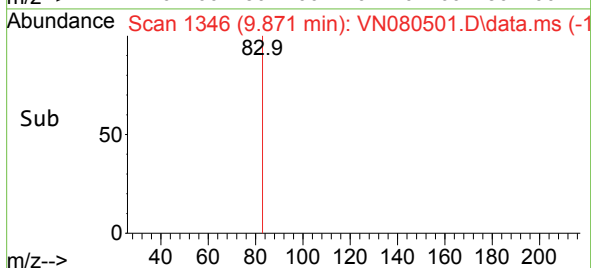
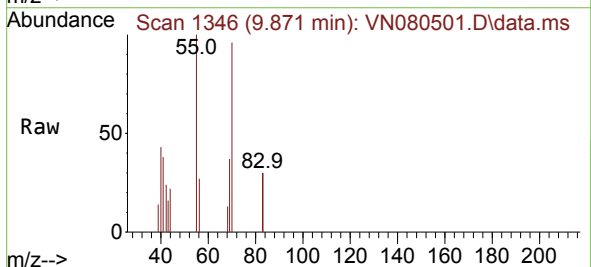


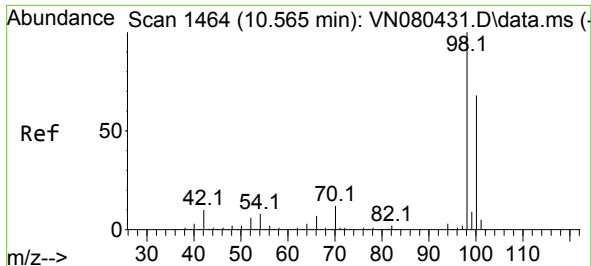
Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#47
Bromodichloromethane
Concen: 0.233 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.018 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 83 Resp: 1098
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#

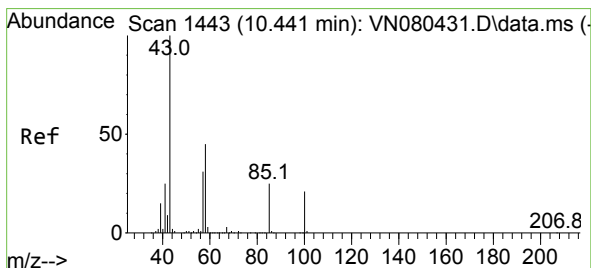
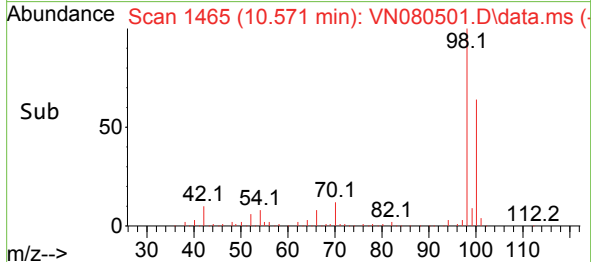
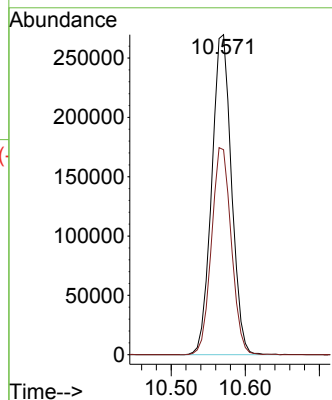
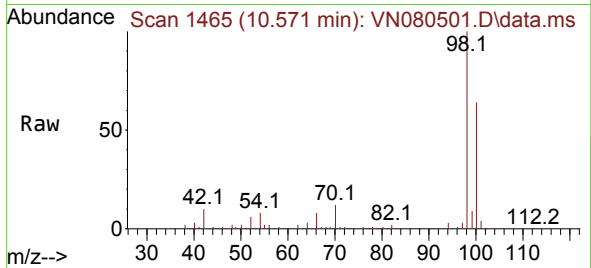




#50
Toluene-d8
Concen: 48.594 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

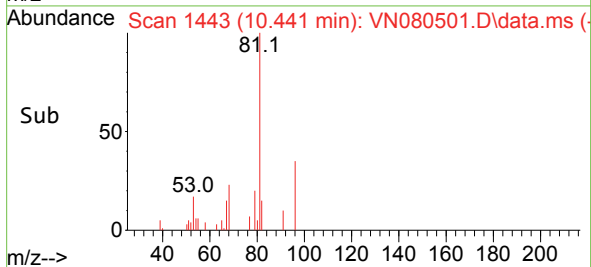
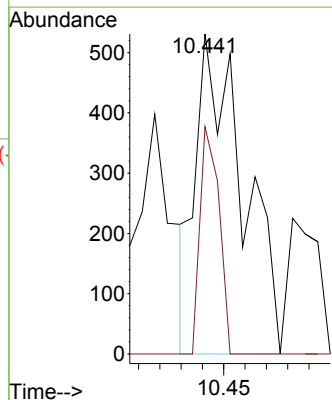
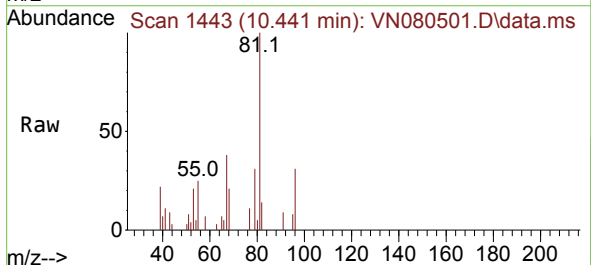
Instrument :
MSVOA_N
ClientSampleId :

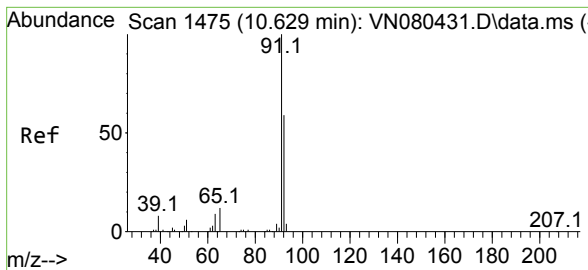
Tgt Ion: 98 Resp: 499452
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.292 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 28.6 36.6 54.8#

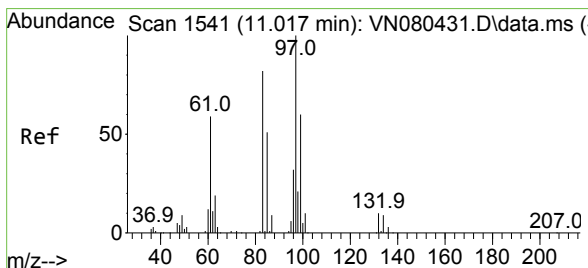
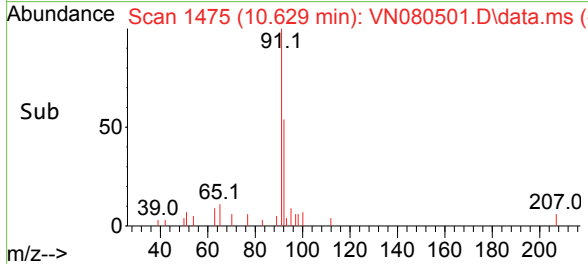
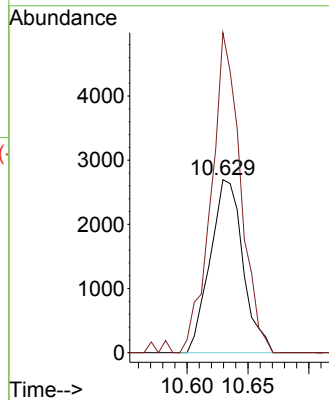
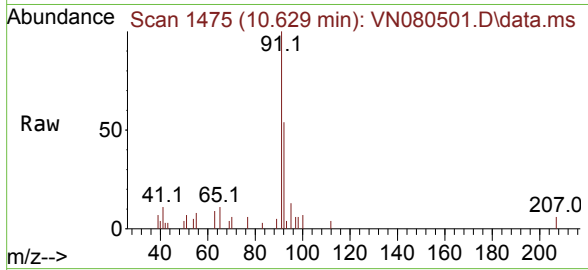




#52
Toluene
Concen: 0.613 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

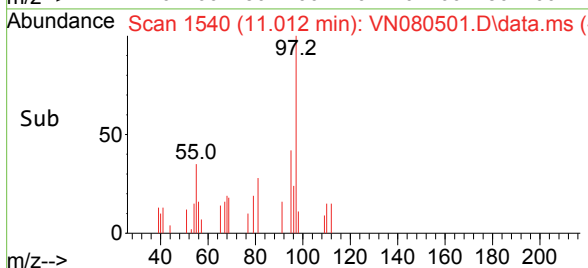
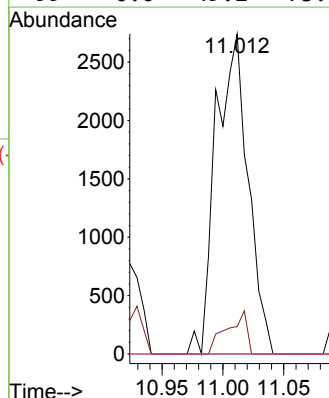
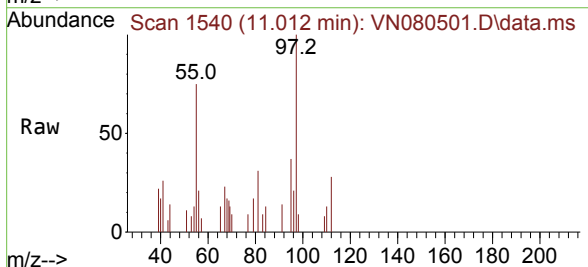
Instrument :
MSVOA_N
ClientSampleId :

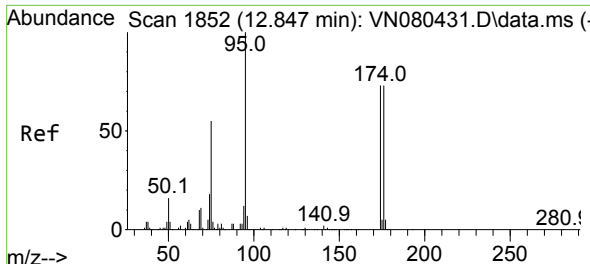
Tgt Ion: 92 Resp: 5043
Ion Ratio Lower Upper
92 100
91 165.5 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 1.703 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 97 Resp: 5038
Ion Ratio Lower Upper
97 100
83 8.6 65.1 97.7#
85 0.0 43.4 65.2#
99 0.0 49.2 73.8#

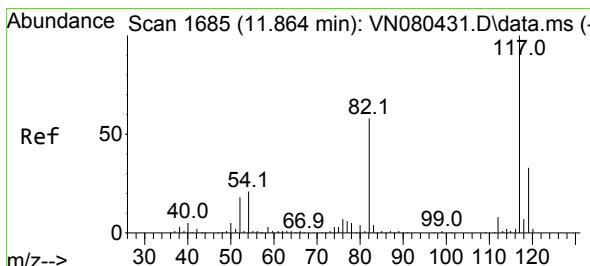
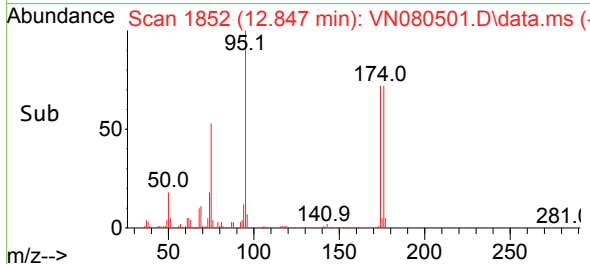
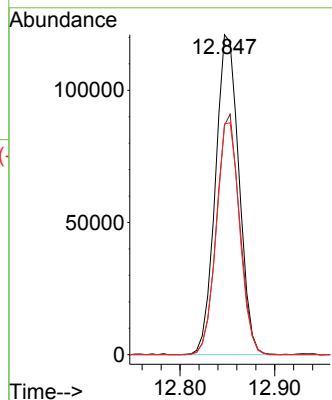
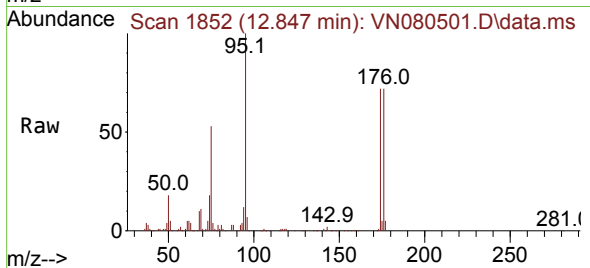




#62
4-Bromofluorobenzene
Concen: 53.497 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

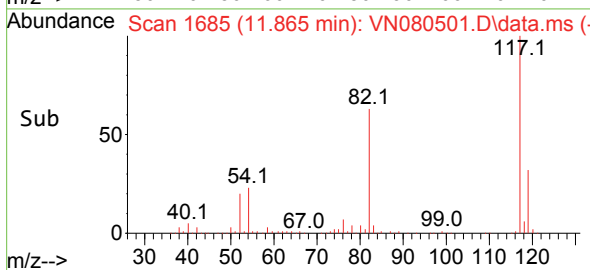
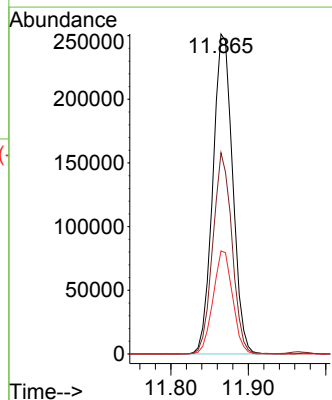
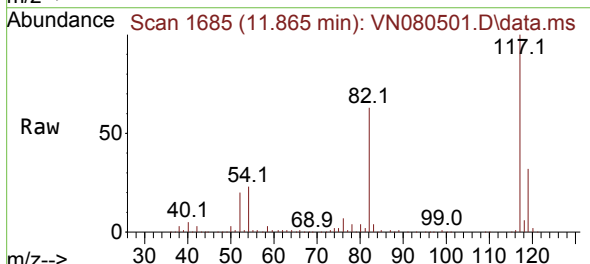
Instrument :
MSVOA_N
ClientSampleId :

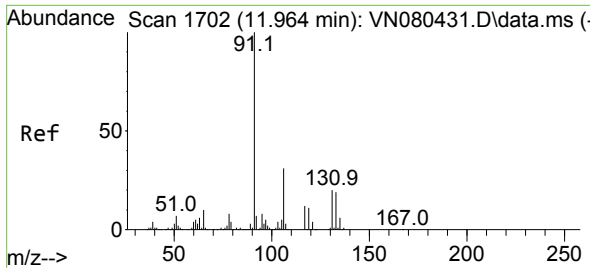
Tgt Ion: 95 Resp: 208793
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion: 117 Resp: 445449
Ion Ratio Lower Upper
117 100
82 62.9 44.0 66.0
119 32.2 25.6 38.4

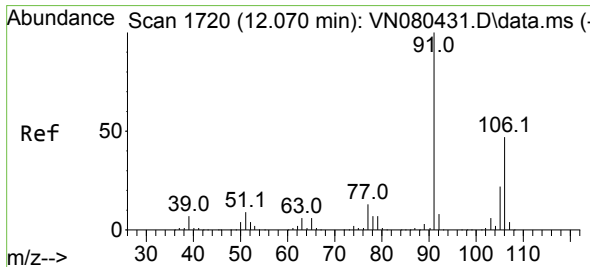
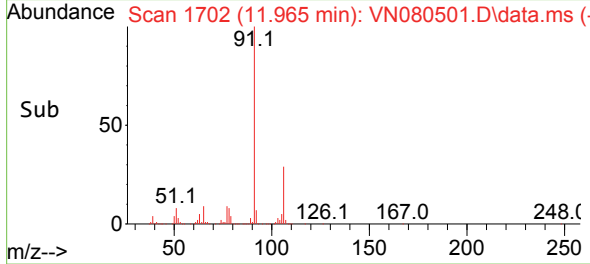
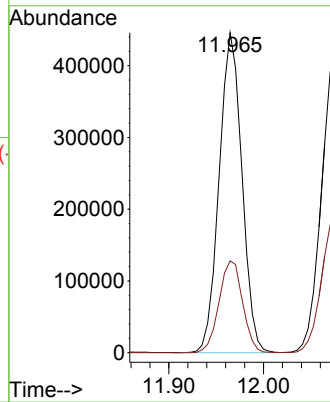
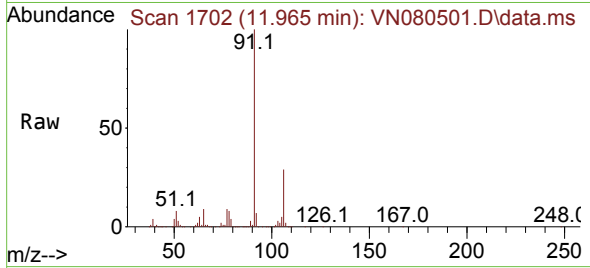




#67
Ethyl Benzene
Concen: 40.911 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

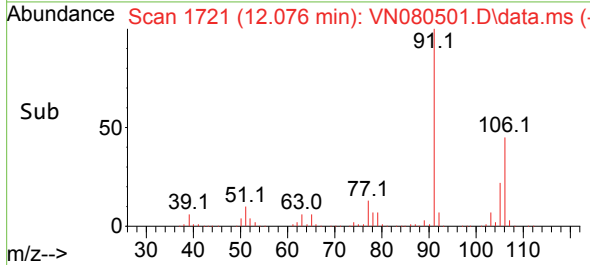
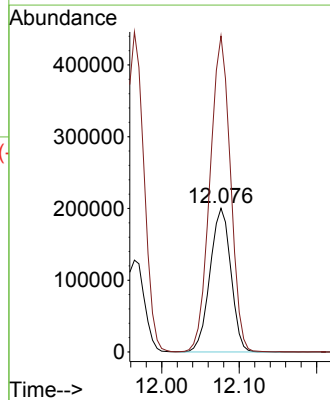
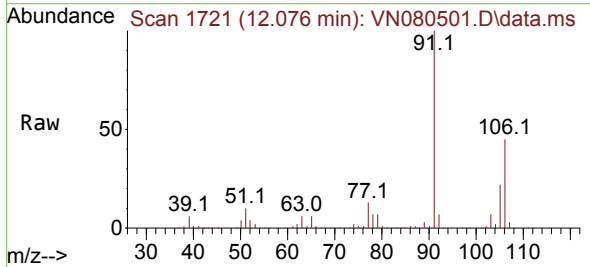
Instrument :
MSVOA_N
ClientSampleId :

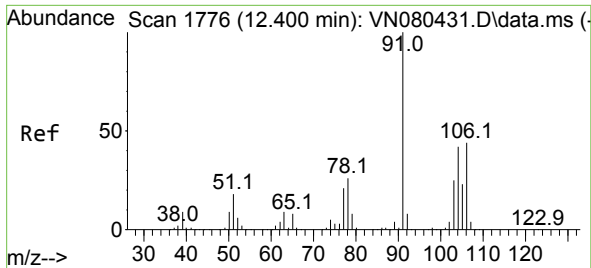
Tgt Ion: 91 Resp: 745415
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4



#68
m/p-Xylenes
Concen: 55.578 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion:106 Resp: 374196
Ion Ratio Lower Upper
106 100
91 216.3 159.6 239.4

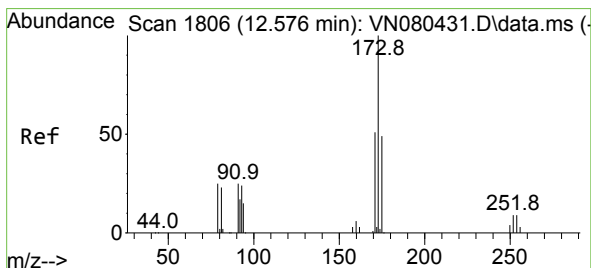
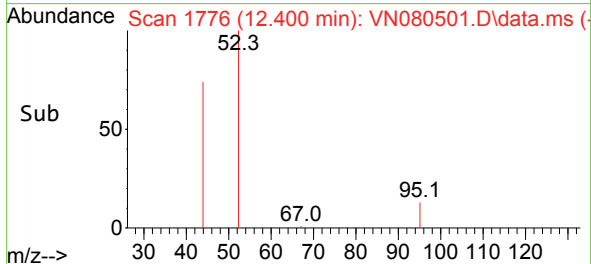
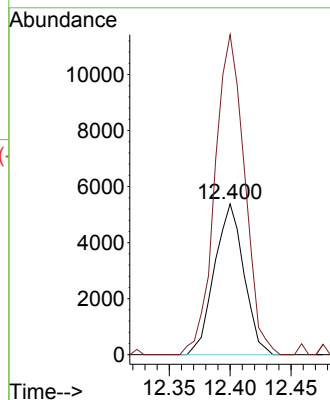
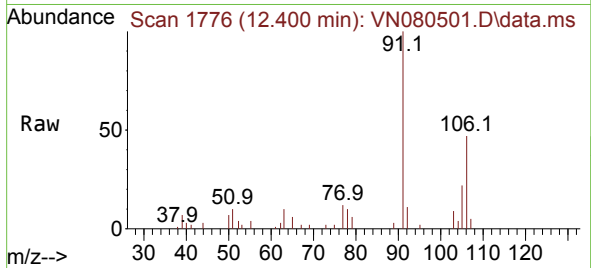




#69
o-Xylene
Concen: 1.376 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

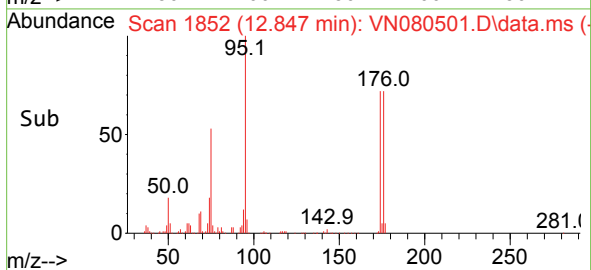
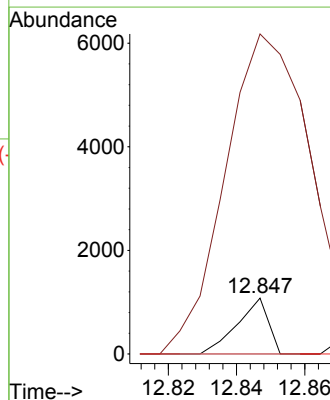
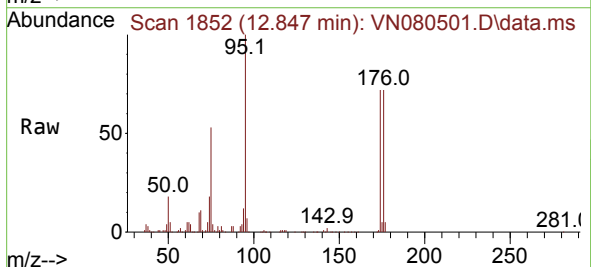
Instrument :
MSVOA_N
ClientSampleId :

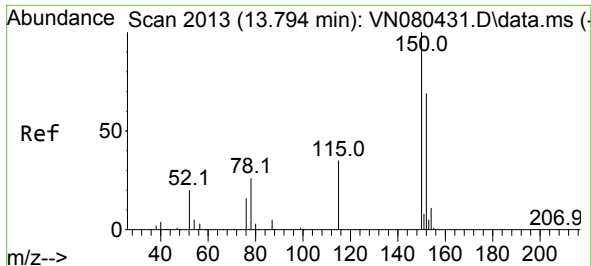
Tgt Ion:106 Resp: 9060
Ion Ratio Lower Upper
106 100
91 214.5 105.2 315.5



#71
Bromoform
Concen: 0.243 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

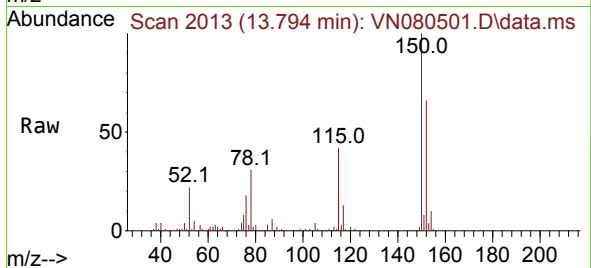
Tgt Ion:173 Resp: 688
Ion Ratio Lower Upper
173 100
175 1105.4 24.3 73.0#
254 0.0 0.0 0.0



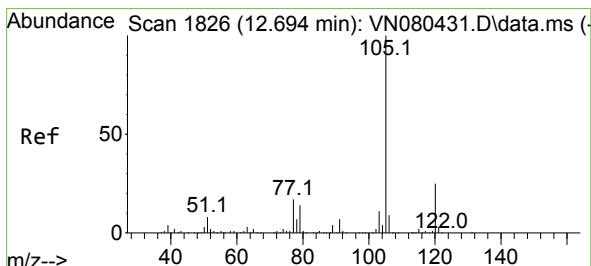
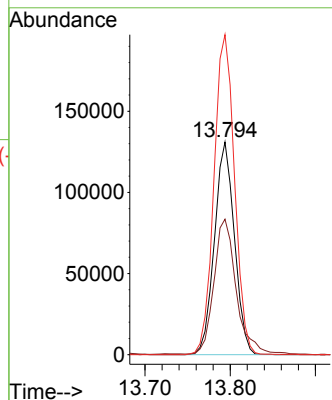
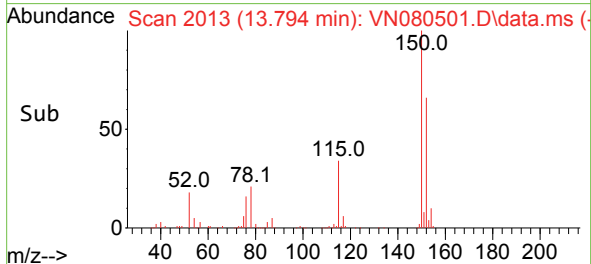


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :

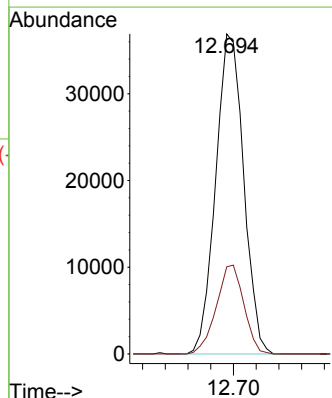
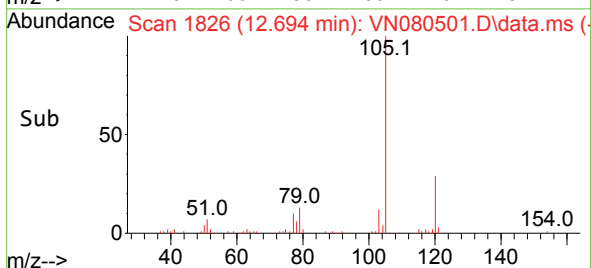
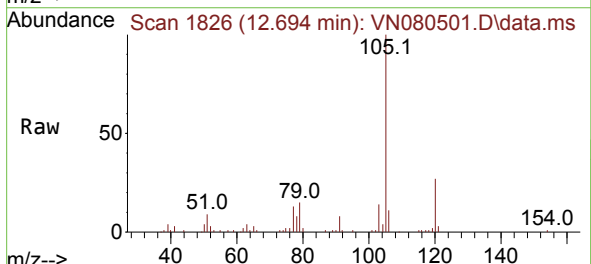


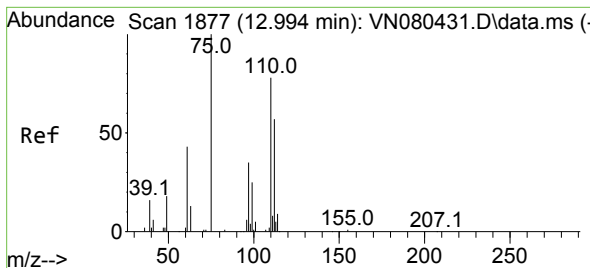
Tgt Ion:152 Resp: 213363
Ion Ratio Lower Upper
152 100
115 72.1 32.3 96.8
150 154.8 0.0 355.8



#73
Isopropylbenzene
Concen: 3.681 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

Tgt Ion:105 Resp: 63089
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 26.213 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

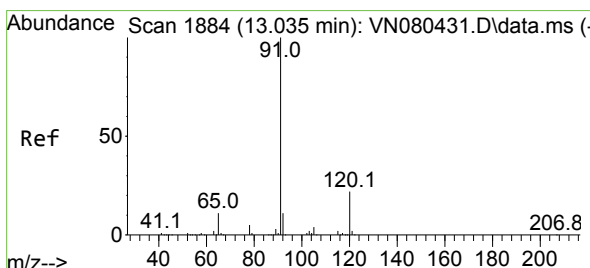
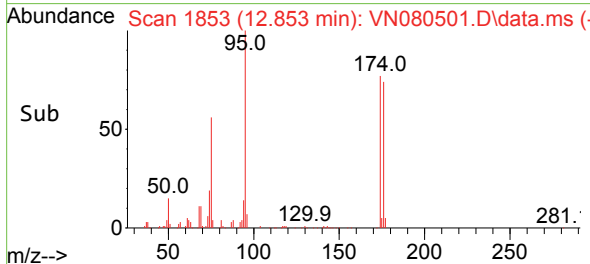
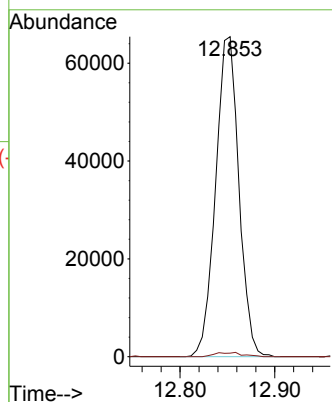
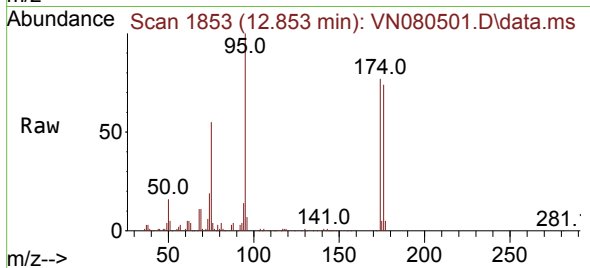
ClientSampleId :

Tgt Ion: 75 Resp: 111576

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#78

n-propylbenzene

Concen: 7.250 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080501.D

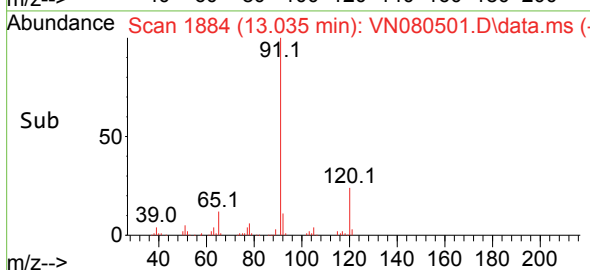
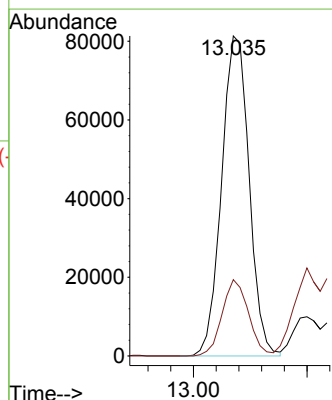
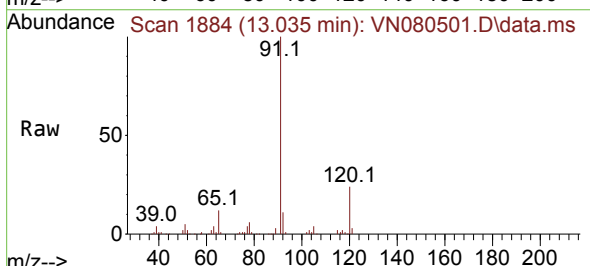
Acq: 15 Dec 2023 14:24

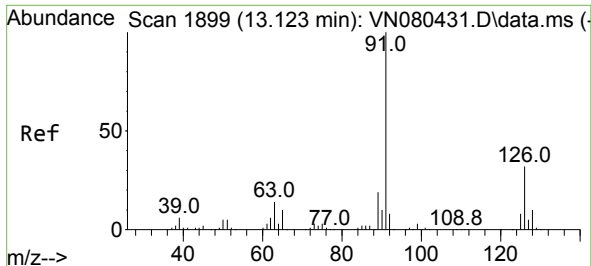
Tgt Ion: 91 Resp: 137010

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.172 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

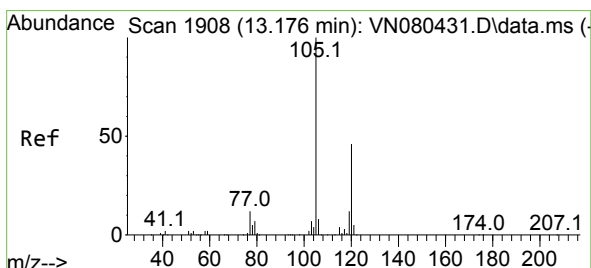
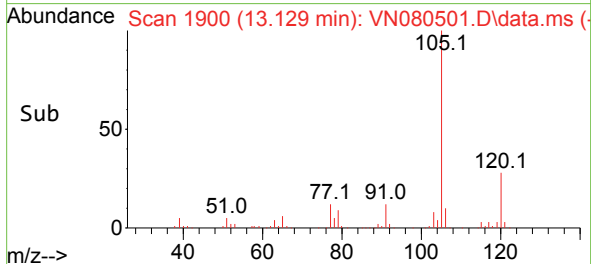
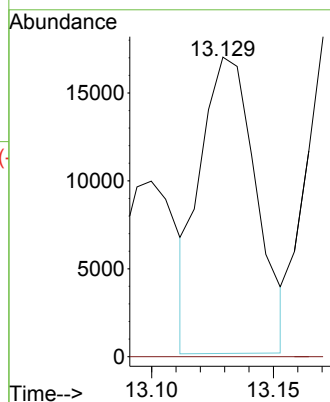
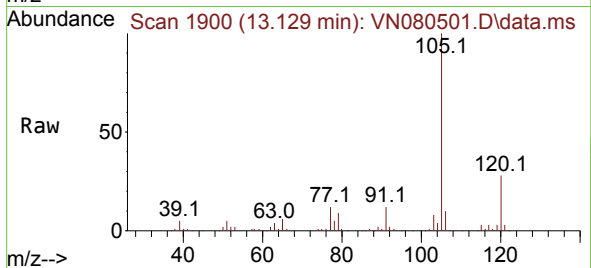
ClientSampleId :

Tgt Ion: 91 Resp: 26803

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 16.435 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080501.D

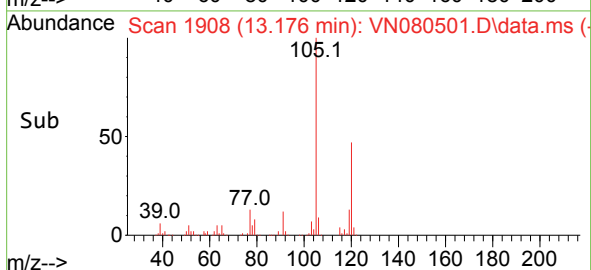
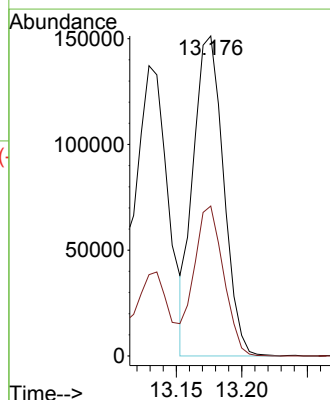
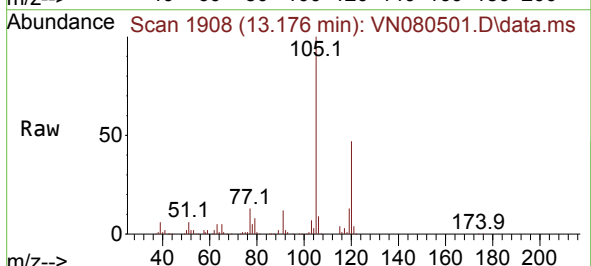
Acq: 15 Dec 2023 14:24

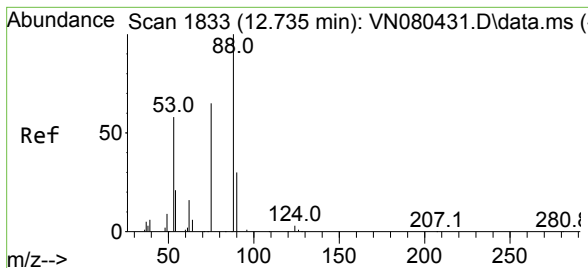
Tgt Ion:105 Resp: 242607

Ion Ratio Lower Upper

105 100

120 45.6 24.1 72.3

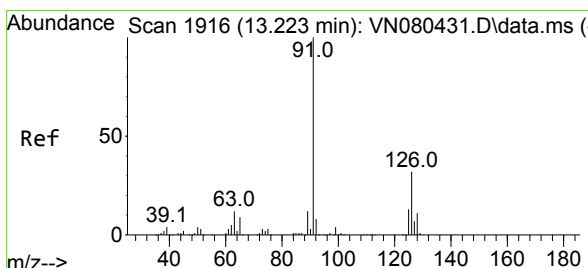
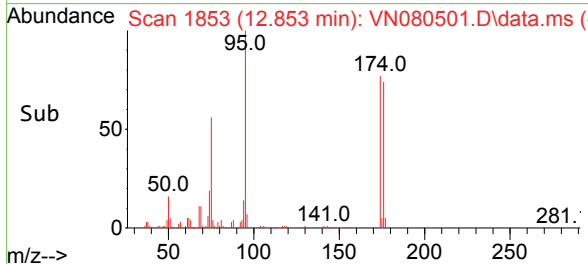
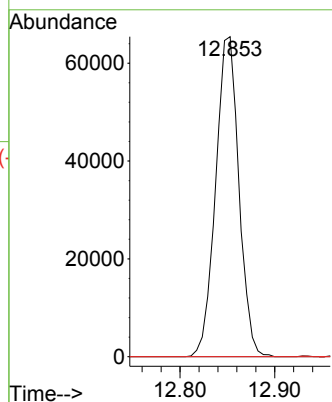
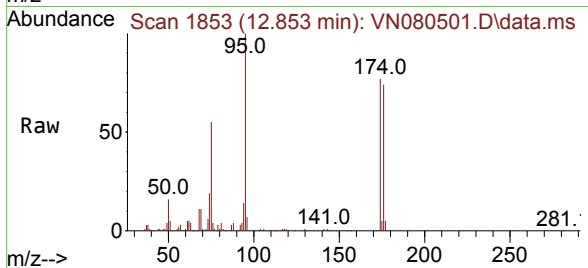




#81
trans-1,4-Dichloro-2-butene
Concen: 68.824 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

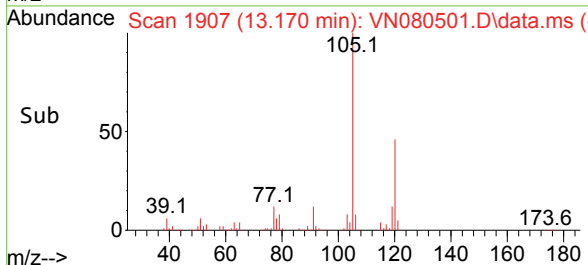
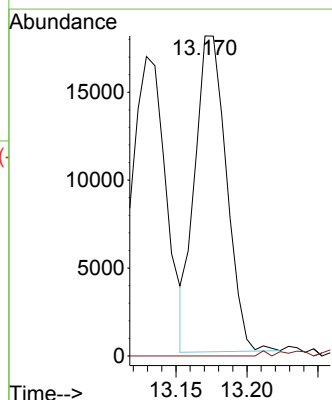
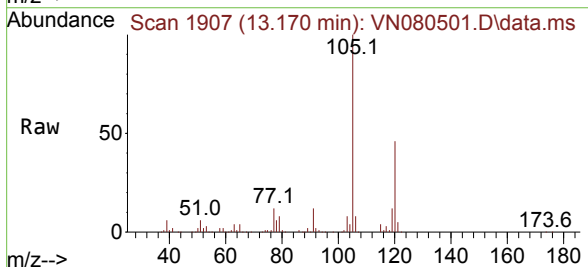
Instrument :
MSVOA_N
ClientSampleId :

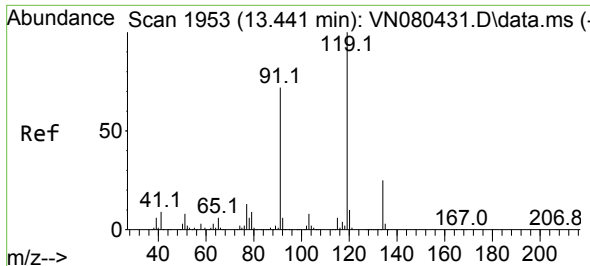
Tgt Ion: 75 Resp: 111576
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.188 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN080501.D
Acq: 15 Dec 2023 14:24

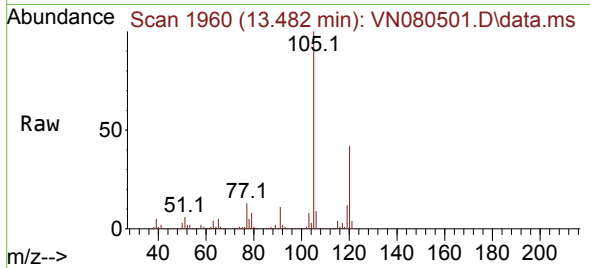
Tgt Ion: 91 Resp: 27752
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



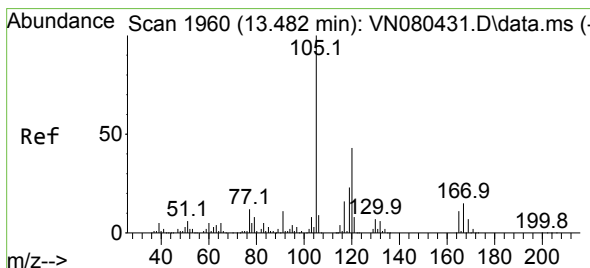
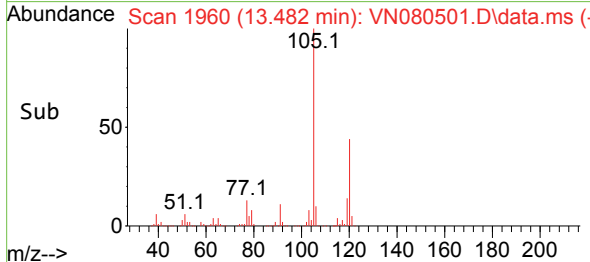
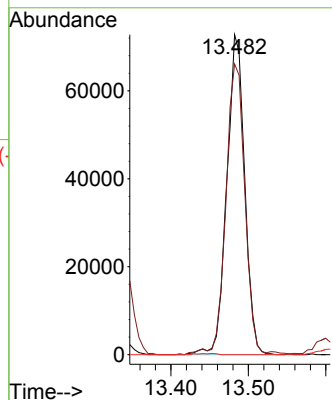


#83
 tert-Butylbenzene
 Concen: 9.695 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Instrument :
 MSVOA_N
 ClientSampleId :

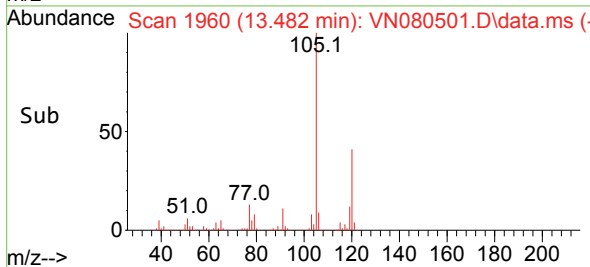
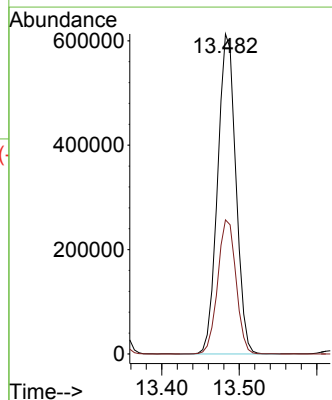
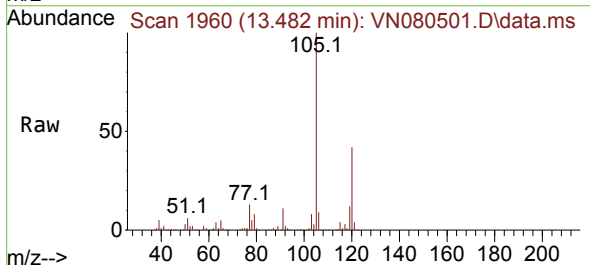


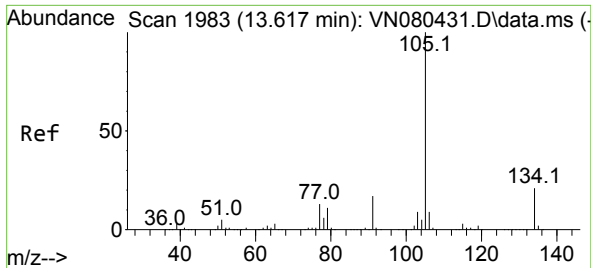
Tgt Ion:119 Resp: 117202
 Ion Ratio Lower Upper
 119 100
 91 95.9 33.9 101.7
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 68.141 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Tgt Ion:105 Resp: 1000684
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.0 66.0

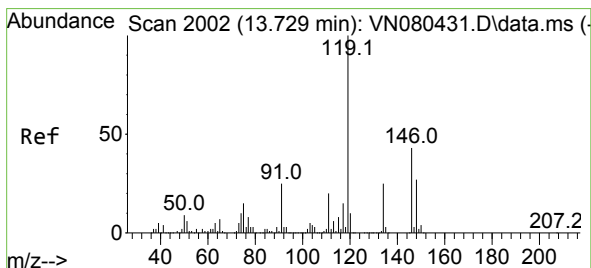
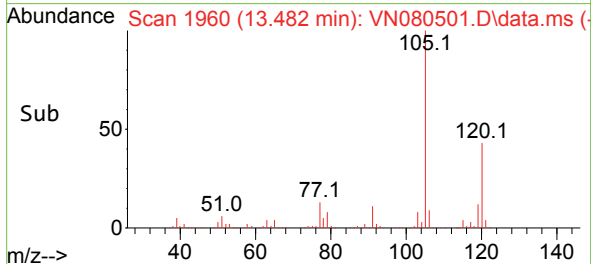
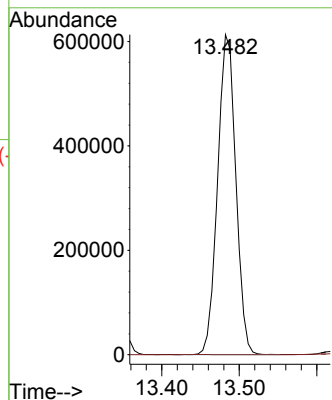
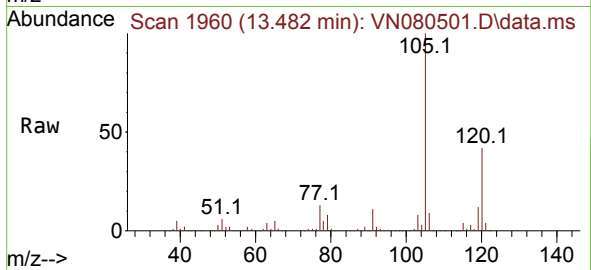




#85
 sec-Butylbenzene
 Concen: 64.707 ug/l
 RT: 13.482 min Scan# 1983
 Delta R.T. -0.135 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

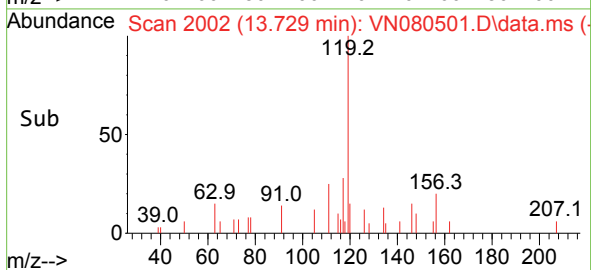
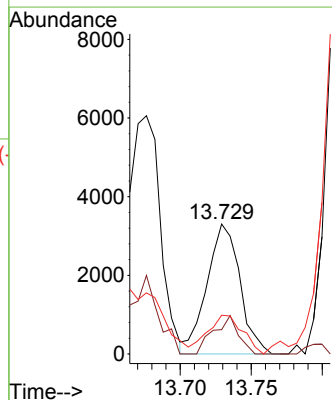
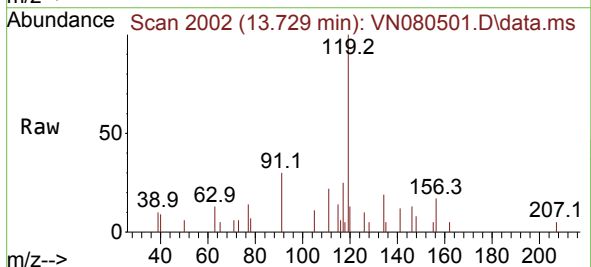
Instrument :
 MSVOA_N
 ClientSampleId :

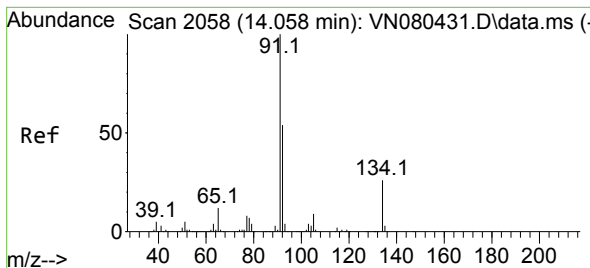
Tgt Ion:105 Resp: 1000684
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.382 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Tgt Ion:119 Resp: 5339
 Ion Ratio Lower Upper
 119 100
 134 22.0 12.6 37.8
 91 0.0 12.4 37.2#





#89

n-Butylbenzene

Concen: 0.368 ug/l

RT: 14.117 min Scan# 2058

Delta R.T. 0.059 min

Lab File: VN080501.D

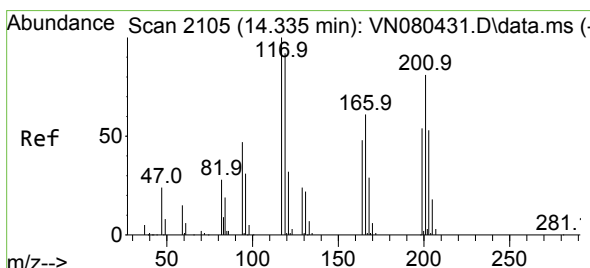
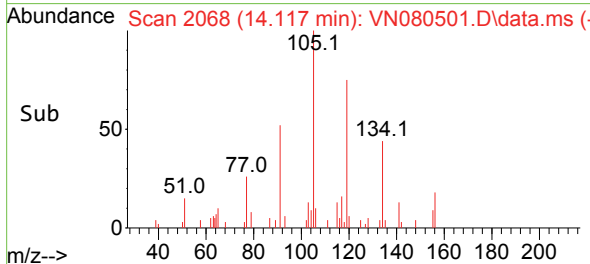
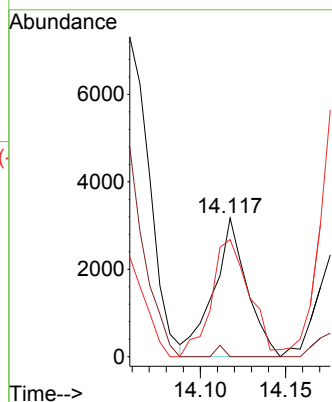
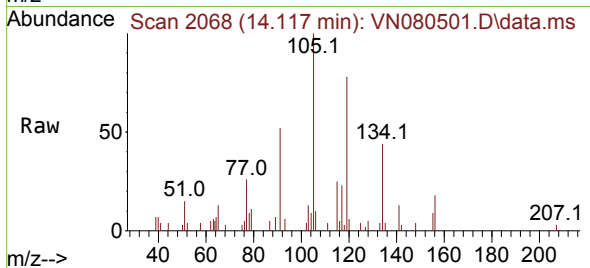
Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91 Resp: 4290
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.4 79.0#
 134 97.8 12.6 37.6#



#90

Hexachloroethane

Concen: 8.301 ug/l

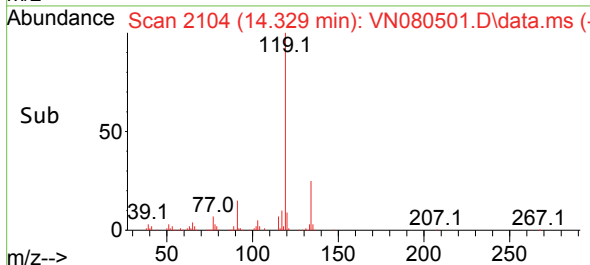
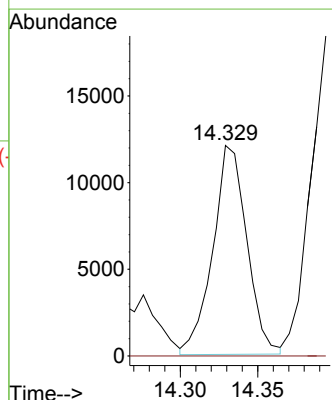
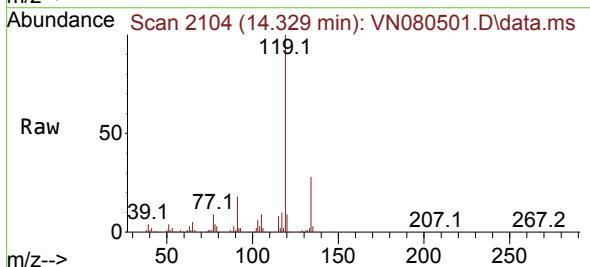
RT: 14.329 min Scan# 2104

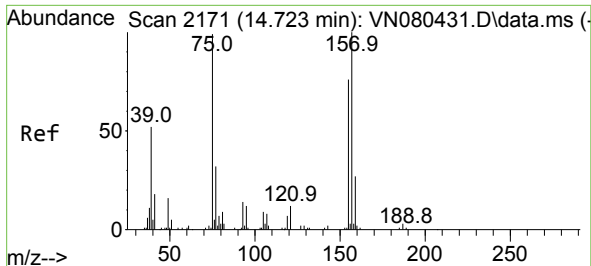
Delta R.T. -0.006 min

Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

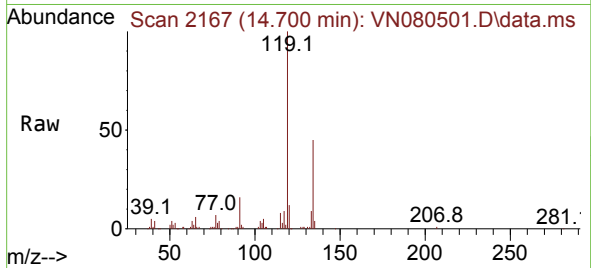
Tgt Ion: 117 Resp: 18408
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#



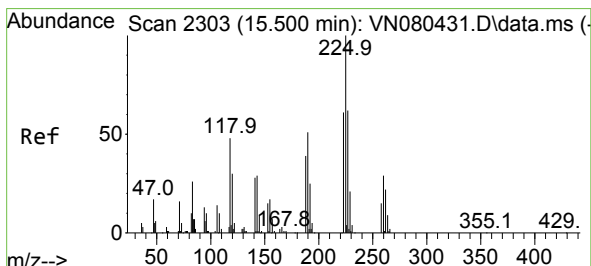
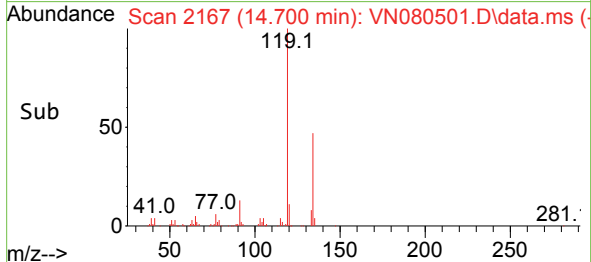
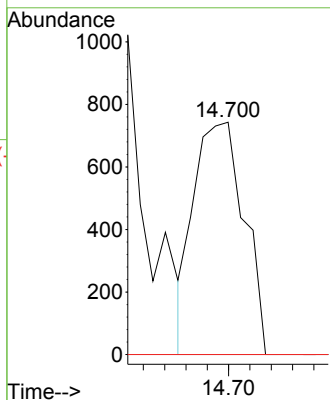


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.259 ug/l
 RT: 14.700 min Scan# 2171
 Delta R.T. -0.023 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Instrument :
 MSVOA_N
 ClientSampleId :

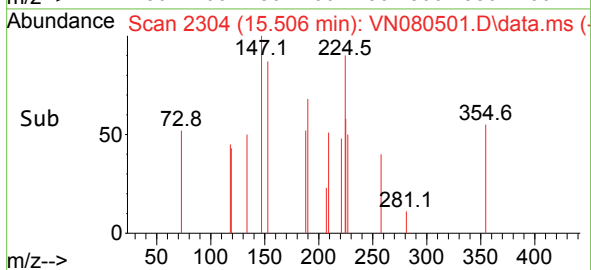
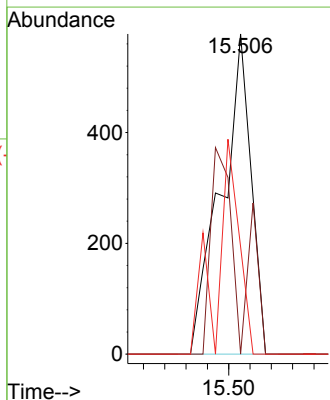
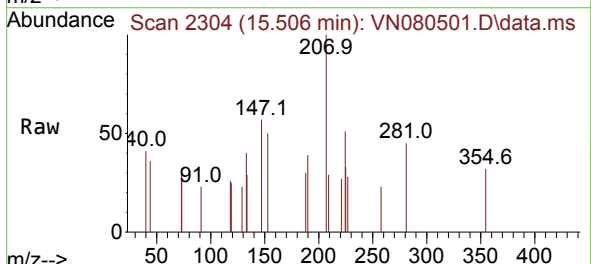


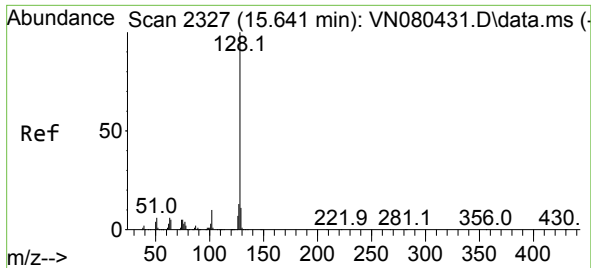
Tgt Ion: 75 Resp: 1216
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



#94
 Hexachlorobutadiene
 Concen: 0.251 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN080501.D
 Acq: 15 Dec 2023 14:24

Tgt Ion: 225 Resp: 560
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.3 93.8
 227 50.5 31.9 95.9





#95

Naphthalene

Concen: 34.474 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

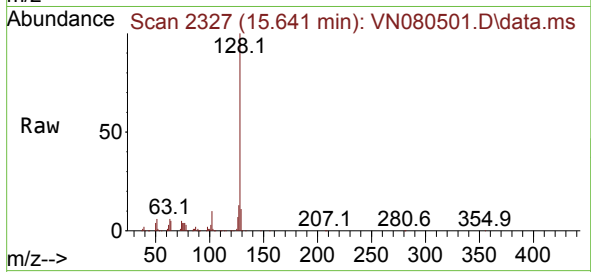
Lab File: VN080501.D

Acq: 15 Dec 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 410013

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.7 8.7 13.1

