

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080427.D
 Acq On : 08 Dec 2023 23:30
 Operator : JC\MD
 Sample : 05592-02 1000X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 09 04:31:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	230096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	426509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	180441	47.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	8.171	113	153746	48.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.571	98	568617	50.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	250299	58.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.820%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	3705	1.438	ug/l #	79
6) Chloroethane	3.118	64	728	Below Cal	#	43
11) Tert butyl alcohol	5.524	59	132	0.316	ug/l #	72
13) Acrolein	4.177	56	1999	5.406	ug/l #	73
15) Acrylonitrile	5.718	53	245	0.218	ug/l #	47
16) Acetone	4.442	43	1617	1.267	ug/l #	80
17) Carbon Disulfide	4.712	76	2030	0.280	ug/l #	75
18) Methyl Acetate	5.030	43	863	0.210	ug/l #	54
21) trans-1,2-Dichloroethene	5.800	96	614	0.230	ug/l #	24
23) Vinyl Acetate	6.606	43	870	0.214	ug/l #	62
25) 2-Butanone	7.494	43	510	0.336	ug/l #	37
29) Tetrahydrofuran	7.836	42	181	0.222	ug/l #	20
31) Cyclohexane	8.224	56	5233	1.267	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	18708	4.106	ug/l #	49
38) Carbon Tetrachloride	8.224	117	26944	4.660	ug/l #	16
40) Benzene	8.606	78	179011	13.824	ug/l	96
42) 1,2-Dichloroethane	8.600	62	1738	0.328	ug/l	94
43) Isopropyl Acetate	8.688	43	2104	0.342	ug/l #	49
49) 1,4-Dioxane	9.700	88	176	3.338	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	781	0.245	ug/l #	72
52) Toluene	10.635	92	213566	26.353	ug/l	100
59) 2-Hexanone	11.194	43	1015	0.397	ug/l	91
67) Ethyl Benzene	11.965	91	534816	28.811	ug/l	95
68) m/p-Xylenes	12.071	106	137196	20.270	ug/l	91
69) o-Xylene	12.400	106	63812	10.004	ug/l	96
70) Styrene	12.412	104	30537	3.217	ug/l #	75
71) Bromoform	12.853	173	996	0.332	ug/l #	1
73) Isopropylbenzene	12.694	105	14331	0.763	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	133312	22.519	ug/l #	1
78) n-propylbenzene	13.035	91	19659	0.936	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	44973	2.752	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	133312	76.082	ug/l #	15
83) tert-Butylbenzene	13.482	119	22119	1.688	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.482	105	169440	10.529	ug/l	98
85) sec-Butylbenzene	13.482	105	169440	10.219	ug/l #	57
86) p-Isopropyltoluene	13.729	119	10439	0.705	ug/l	94

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

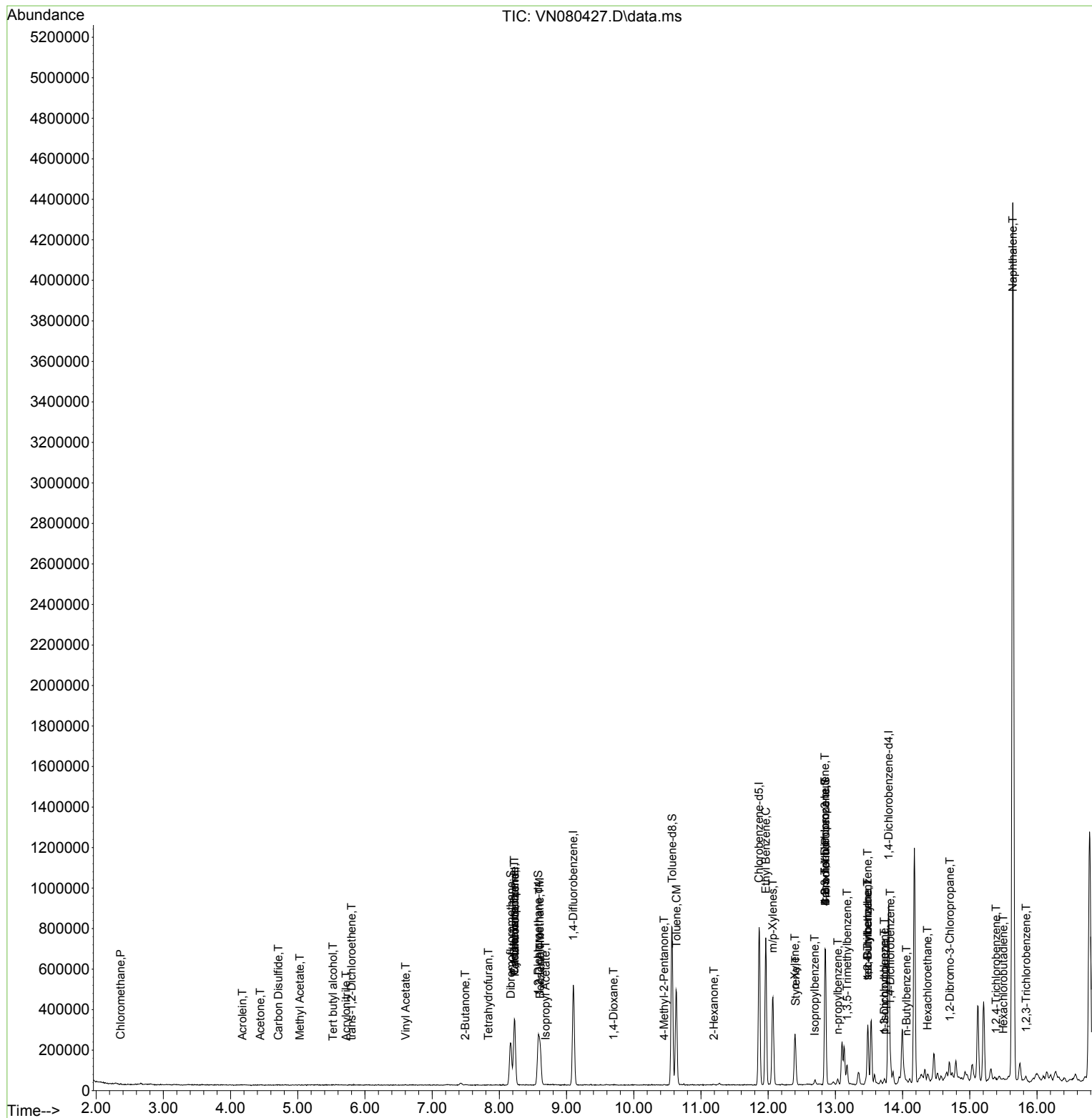
87) 1,3-Dichlorobenzene	13.729	146	1729	0.203	ug/l #	48
88) 1,4-Dichlorobenzene	13.817	146	1718	0.200	ug/l #	39
89) n-Butylbenzene	14.059	91	8186	0.660	ug/l #	81
90) Hexachloroethane	14.370	117	20145	6.977	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.706	75	1476	1.131	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.394	180	2079	0.438	ug/l #	59
94) Hexachlorobutadiene	15.500	225	1468	0.537	ug/l	79
95) Naphthalene	15.641	128	4040329	293.536	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2236	0.503	ug/l #	39

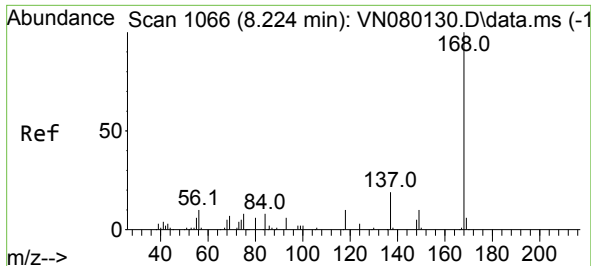
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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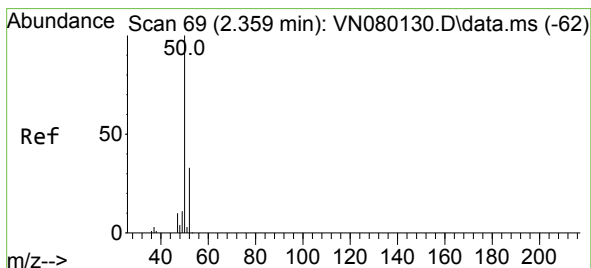
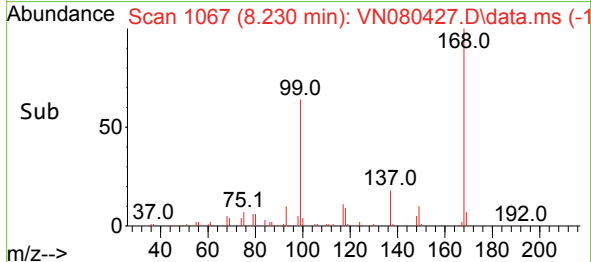
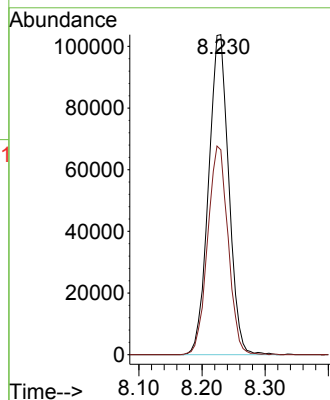
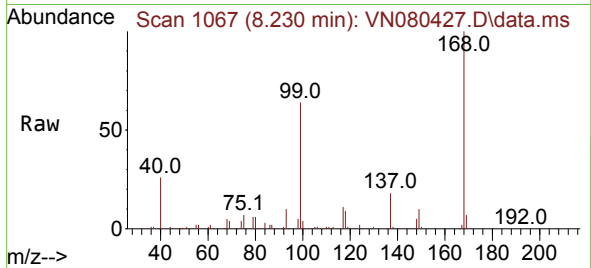




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

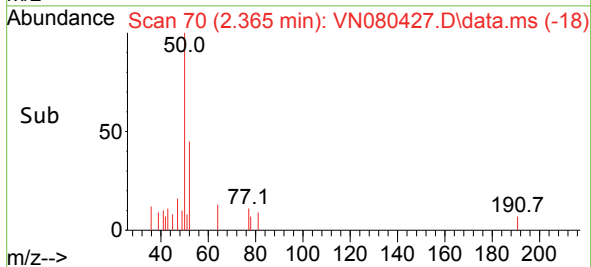
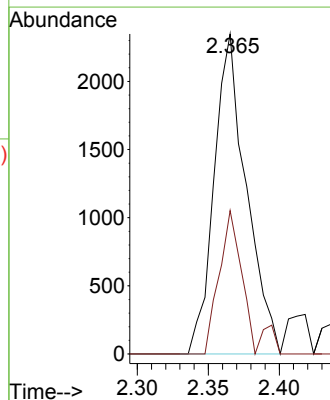
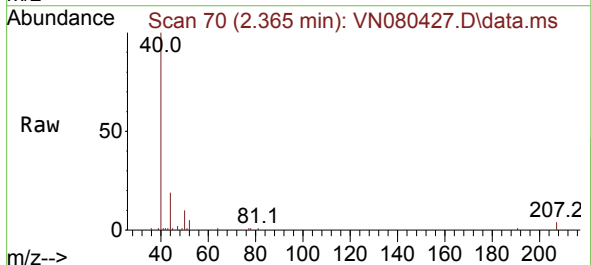
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MSVOA_N
ClientSampleId :

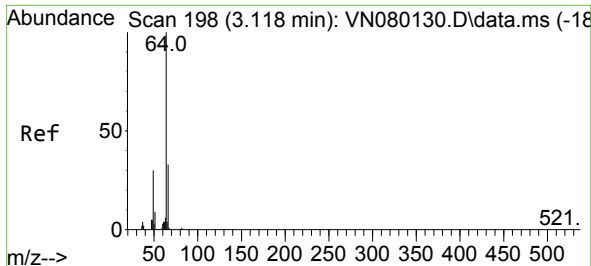
Tgt Ion:168 Resp: 230096
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#3
Chloromethane
Concen: 1.438 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 50 Resp: 3705
Ion Ratio Lower Upper
50 100
52 44.8 26.5 39.7#

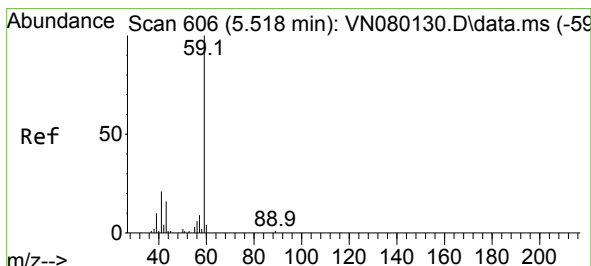
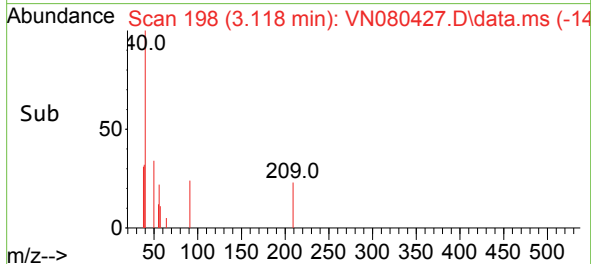
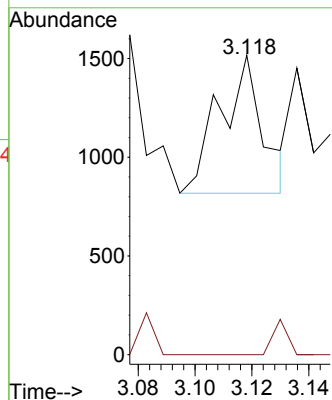
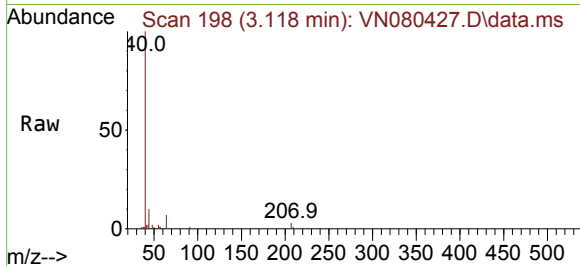




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

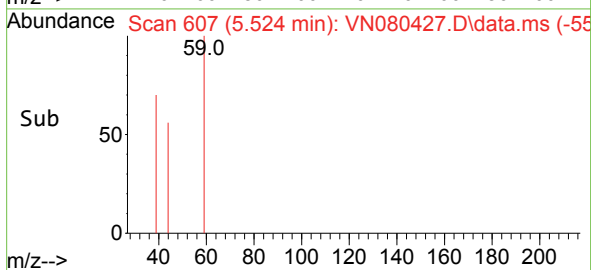
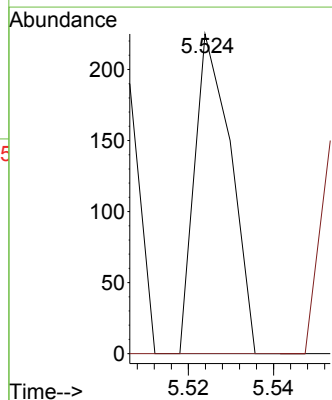
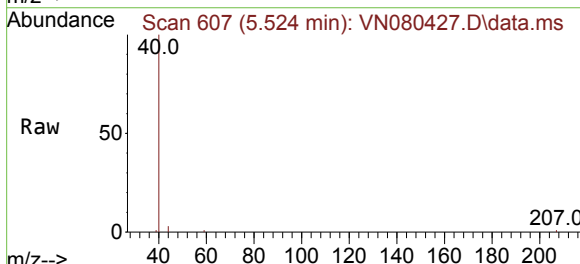
Instrument :
MSVOA_N
ClientSampleId :

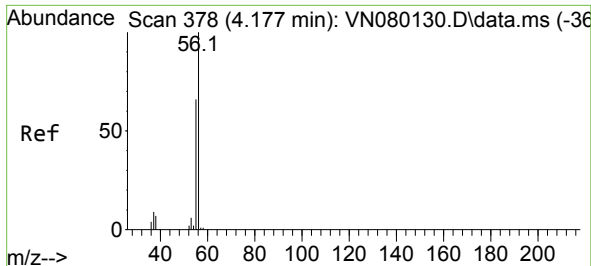
Tgt Ion: 64 Resp: 728
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.316 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 5.406 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

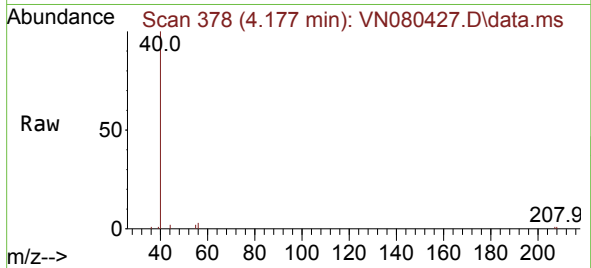
Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

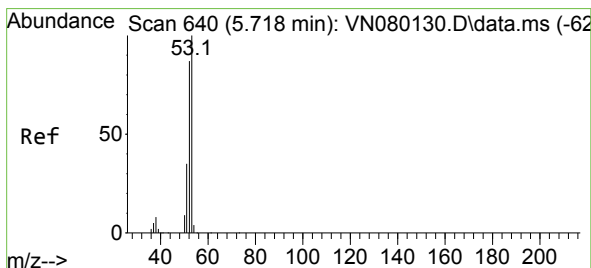
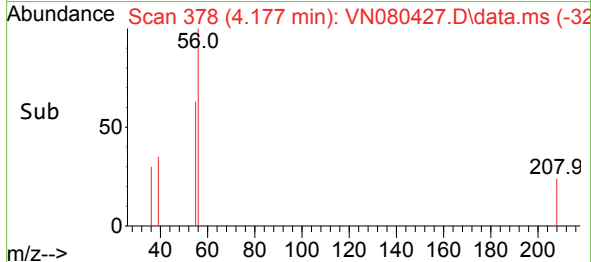
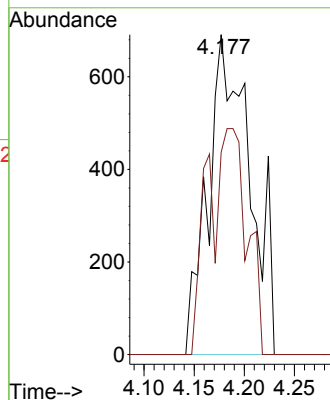


Tgt Ion: 56 Resp: 1999

Ion Ratio Lower Upper

56 100

55 45.9 54.5 81.7#



#15

Acrylonitrile

Concen: 0.218 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

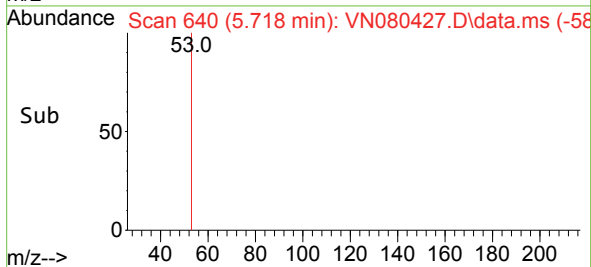
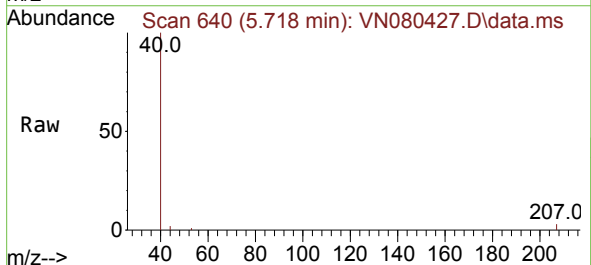
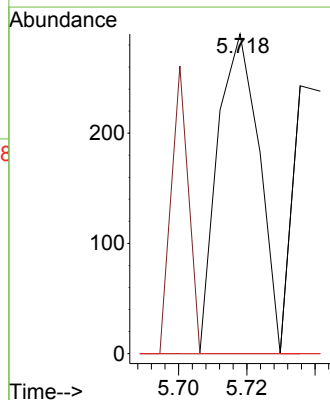
Tgt Ion: 53 Resp: 245

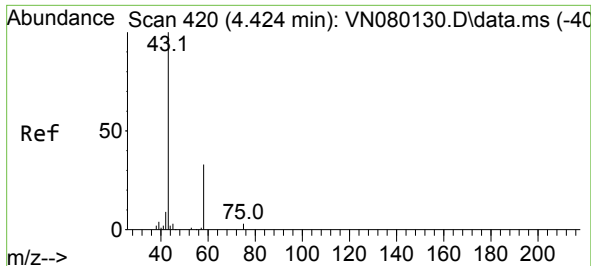
Ion Ratio Lower Upper

53 100

52 37.6 65.3 97.9#

51 0.0 28.9 43.3#

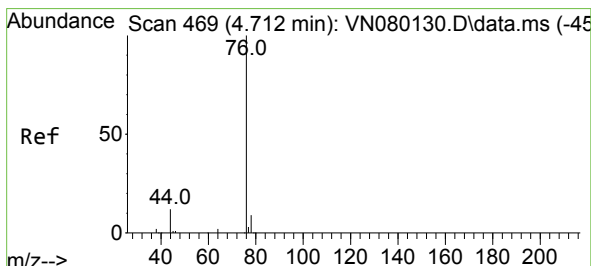
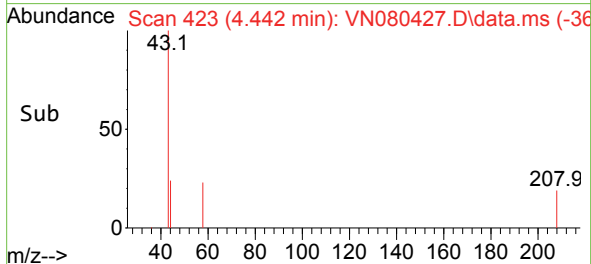
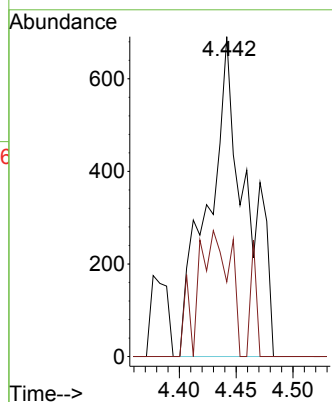
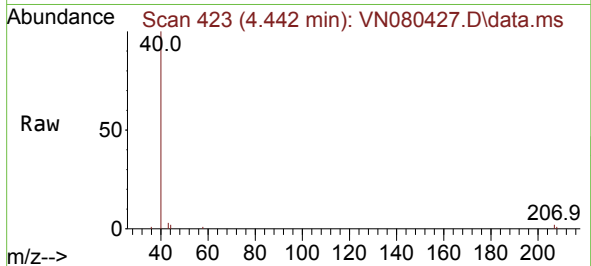




#16
Acetone
Concen: 1.267 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

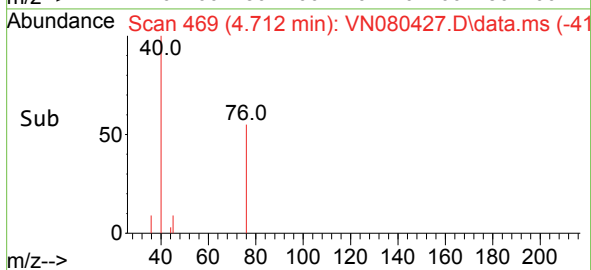
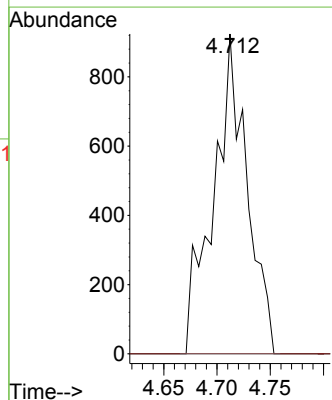
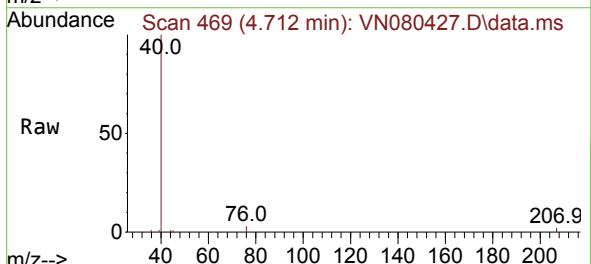
Instrument :
MSVOA_N
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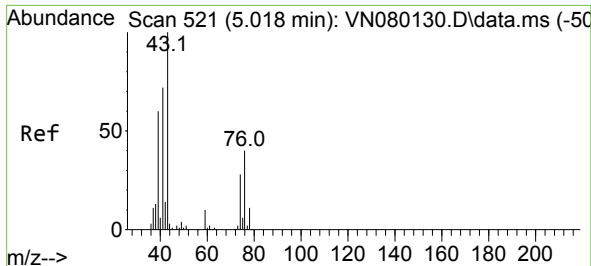
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 23.3 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 76 Resp: 2030
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

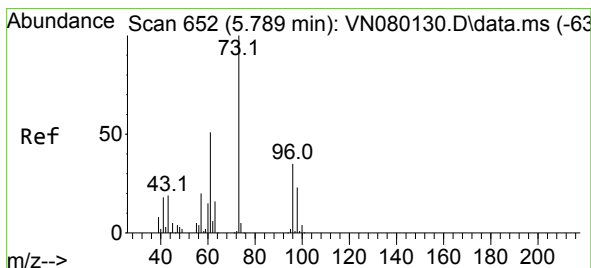
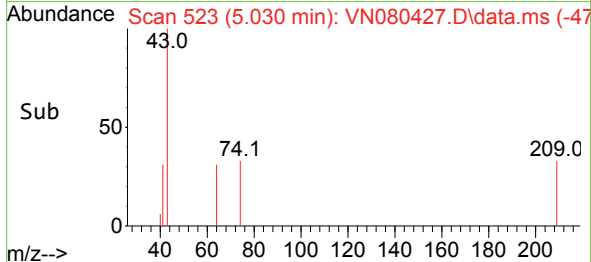
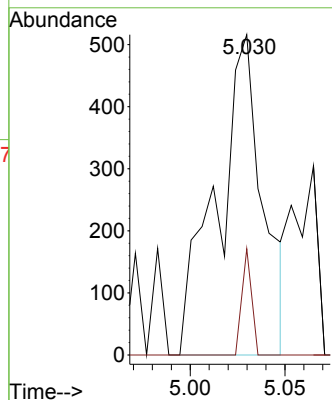
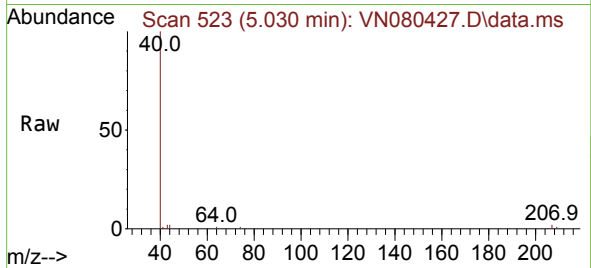




#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

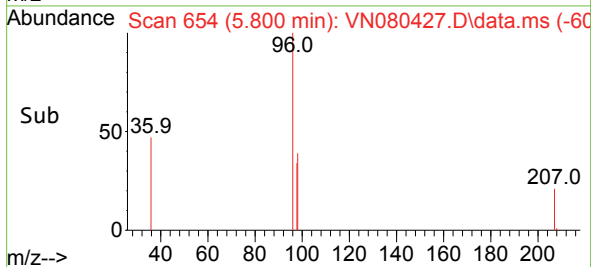
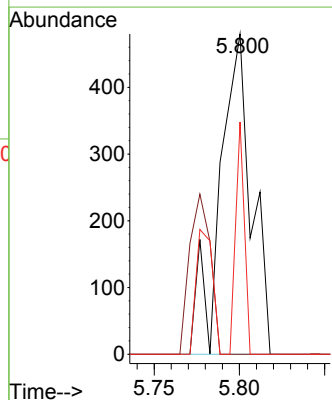
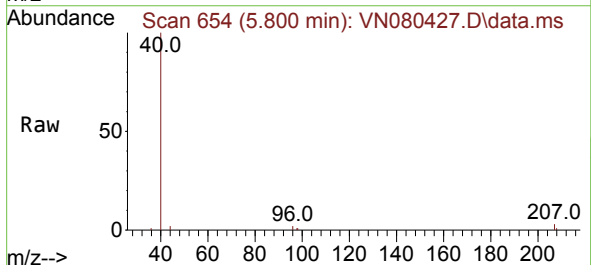
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MSVOA_N
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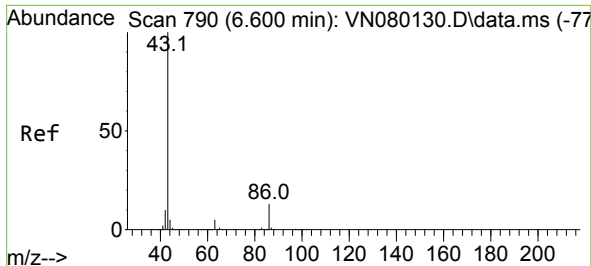
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
74 7.0 26.2 39.4#



#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

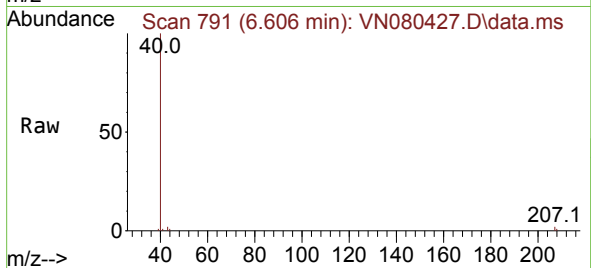
Tgt Ion: 96 Resp: 614
Ion Ratio Lower Upper
96 100
61 0.0 90.1 135.1#
98 72.5 46.4 69.6#



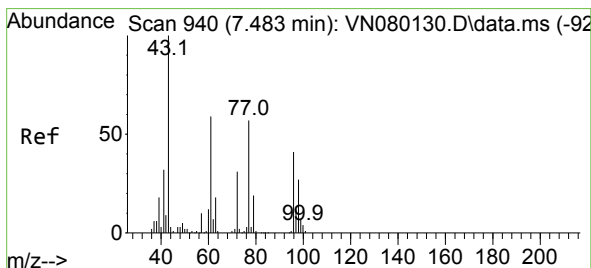
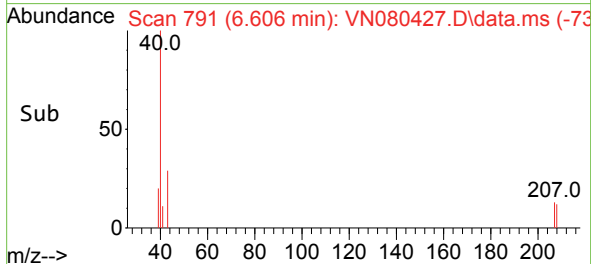
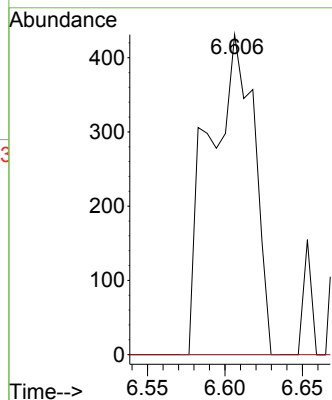


#23
 Vinyl Acetate
 Concen: 0.214 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080427.D
 Acq: 08 Dec 2023 23:30

Instrument :
 MSVOA_N
 ClientSampleId :

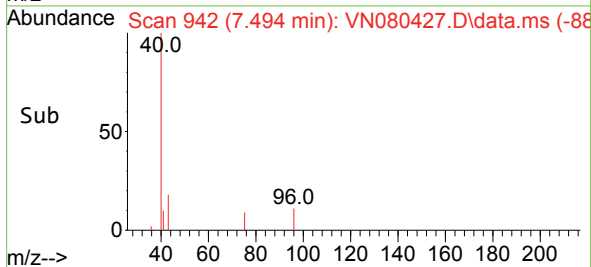
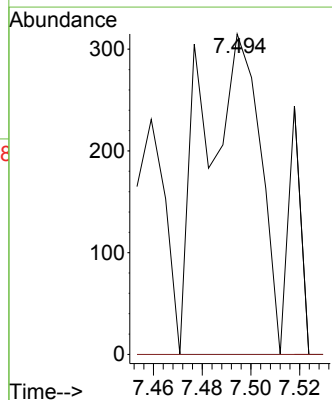
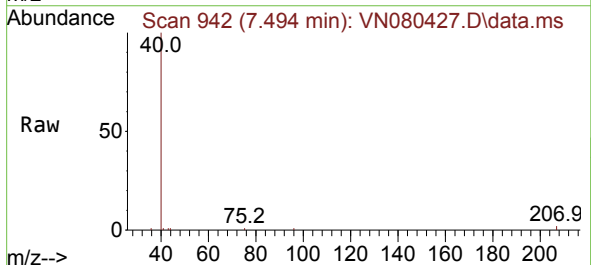


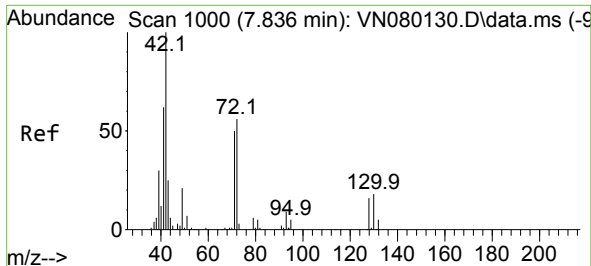
Tgt Ion: 43 Resp: 870
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 0.336 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.012 min
 Lab File: VN080427.D
 Acq: 08 Dec 2023 23:30

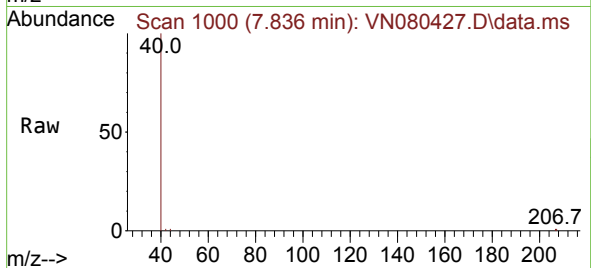
Tgt Ion: 43 Resp: 510
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.2 45.2#



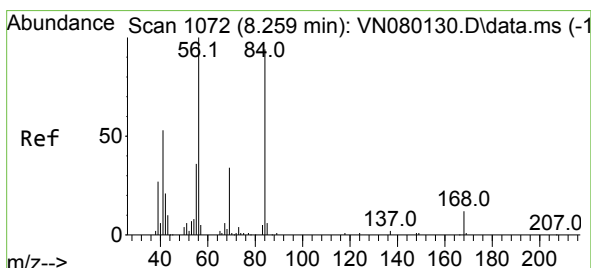
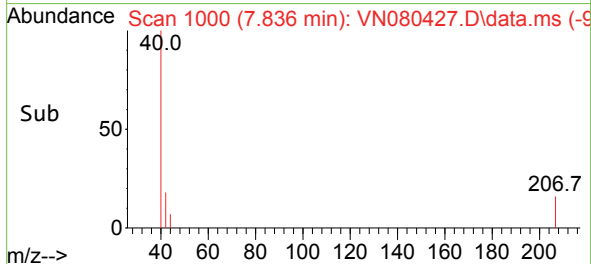
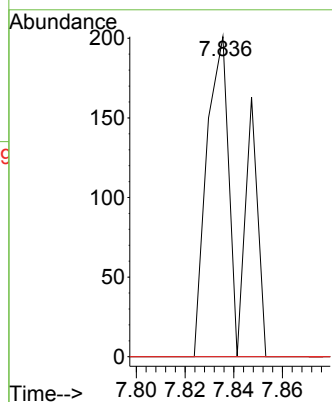


#29
Tetrahydrofuran
Concen: 0.222 ug/l
RT: 7.836 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Instrument :
MSVOA_N
ClientSampleId :

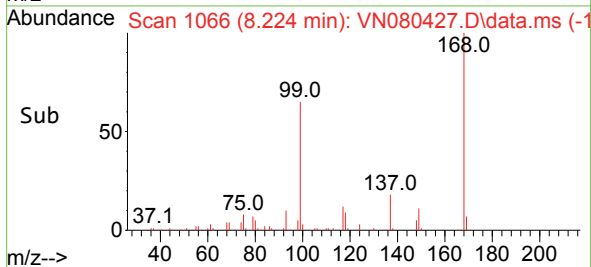
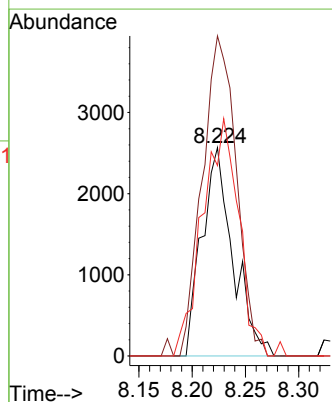
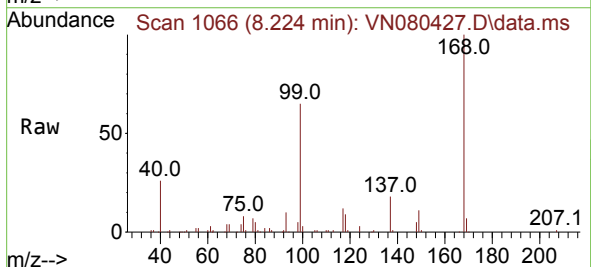


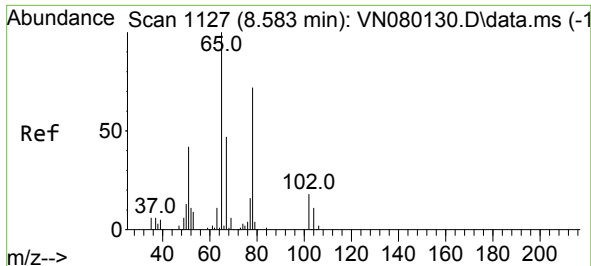
Tgt Ion: 42 Resp: 181
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 56 Resp: 5233
Ion Ratio Lower Upper
56 100
69 153.5 26.8 40.2#
84 84.5 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

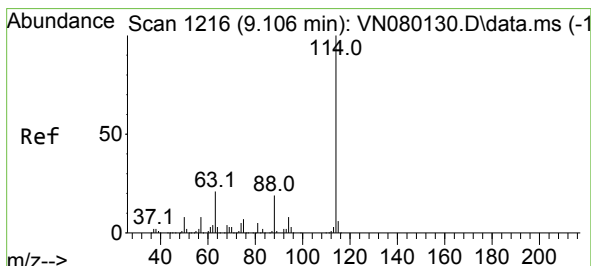
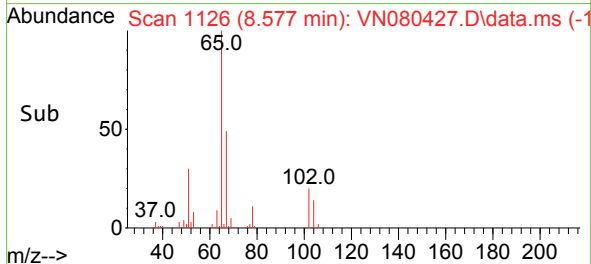
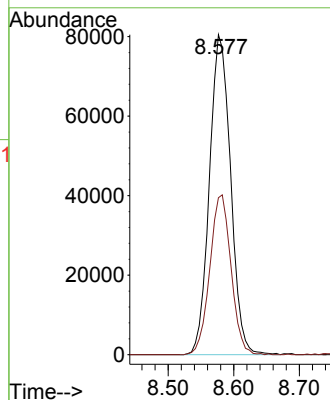
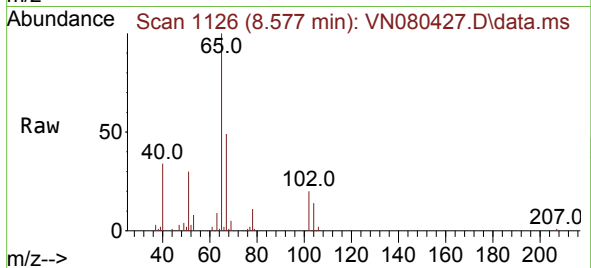
ClientSampleId :

Tgt Ion: 65 Resp: 180441

Ion Ratio Lower Upper

65 100

67 50.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

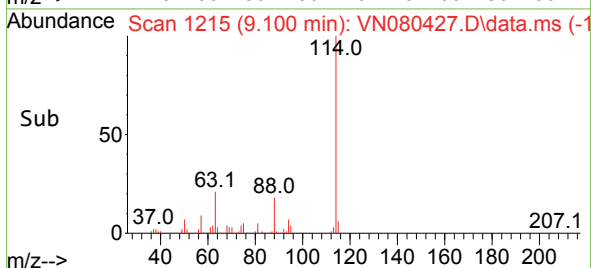
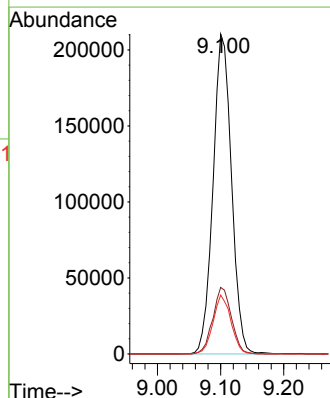
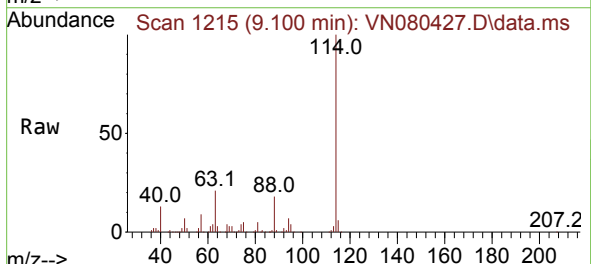
Tgt Ion:114 Resp: 426509

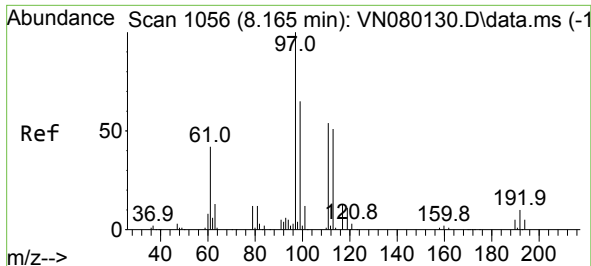
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

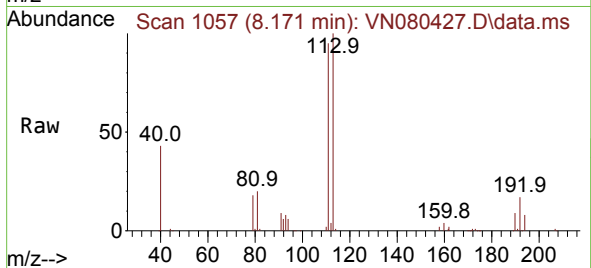
88 18.4 0.0 30.6



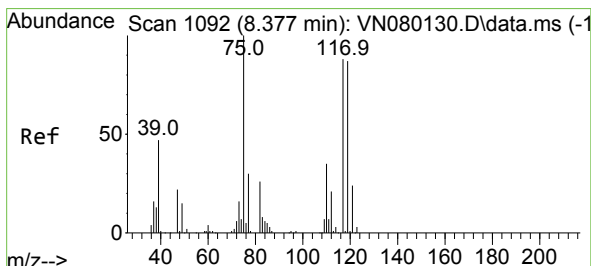
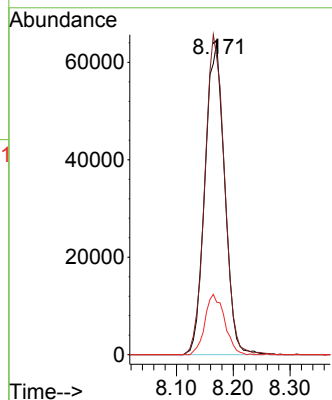
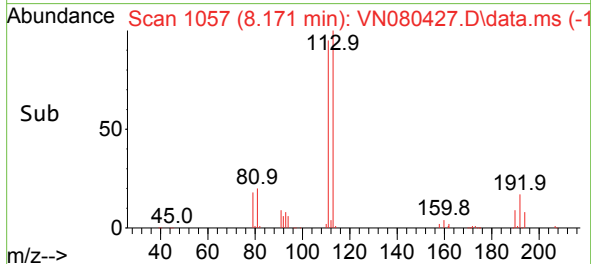


#35
Dibromofluoromethane
Concen: 48.854 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Instrument :
MSVOA_N
ClientSampleId :

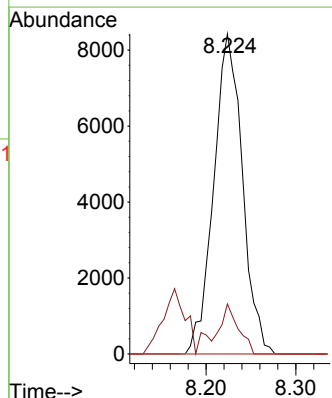
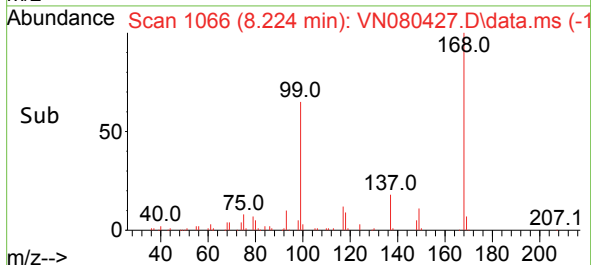
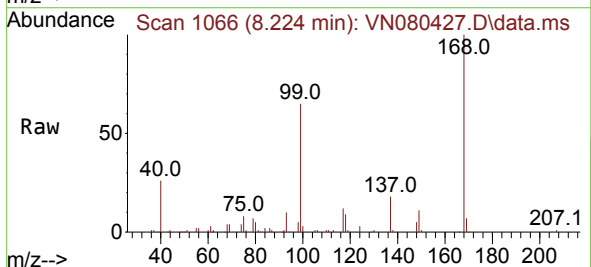


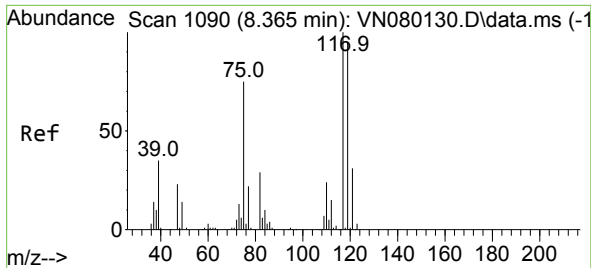
Tgt Ion:113 Resp: 153746
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.106 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

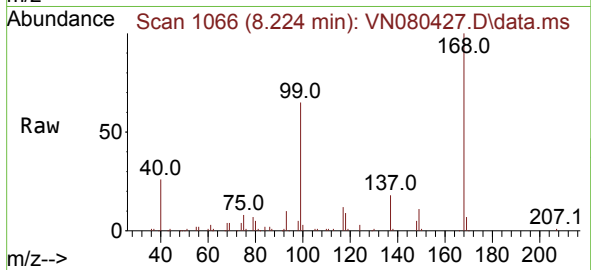
Tgt Ion: 75 Resp: 18708
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



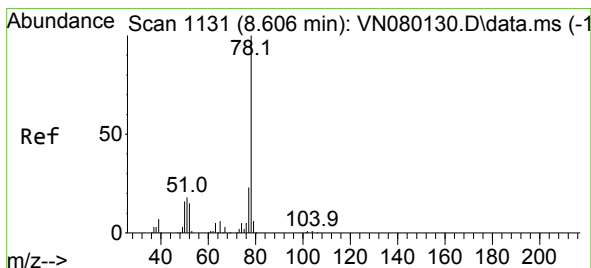
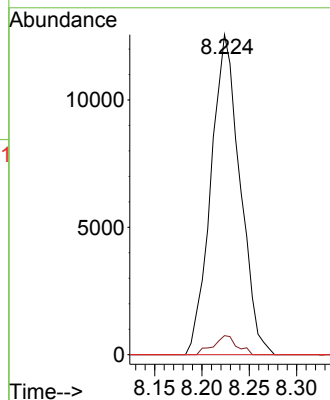
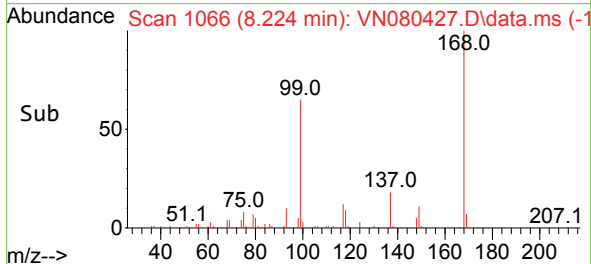


#38
Carbon Tetrachloride
Concen: 4.660 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Instrument :
MSVOA_N
ClientSampleId :

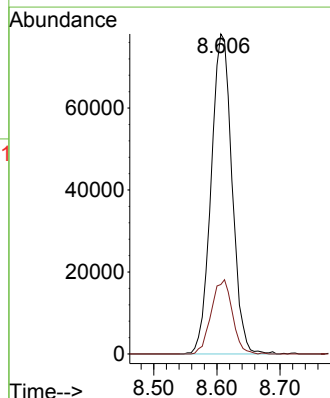
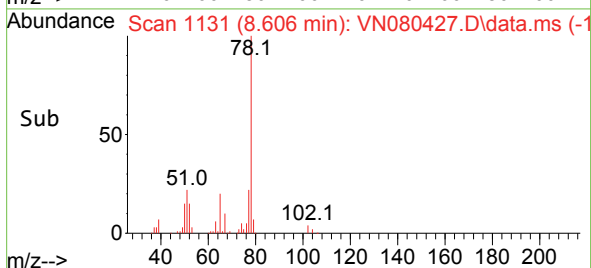
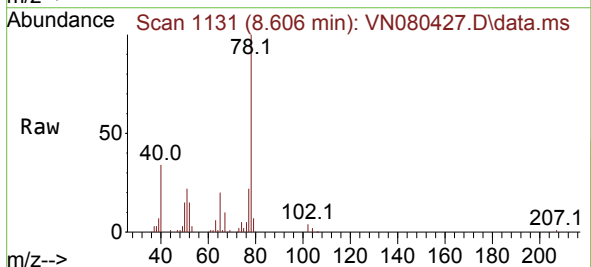


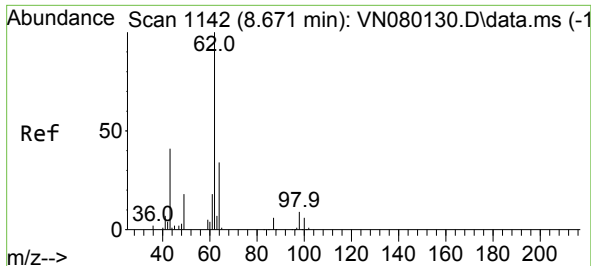
Tgt Ion:117 Resp: 26944
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 23.3 34.9#



#40
Benzene
Concen: 13.824 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 78 Resp: 179011
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.328 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.071 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

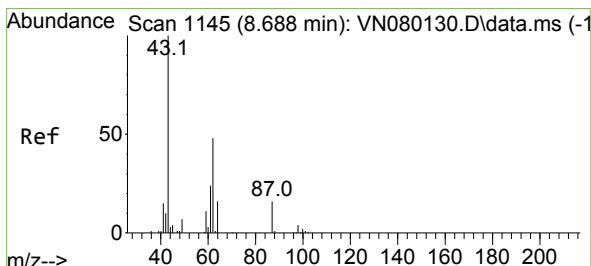
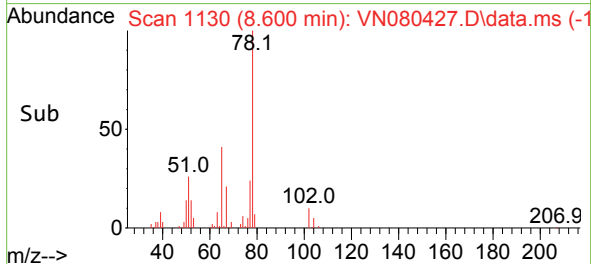
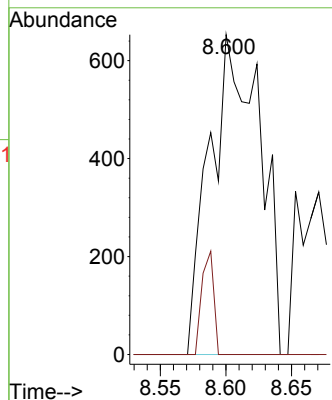
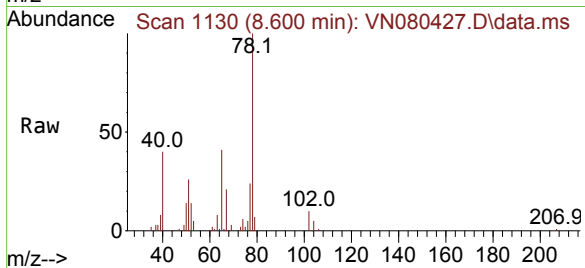
ClientSampleId :

Tgt Ion: 62 Resp: 1738

Ion Ratio Lower Upper

62 100

98 7.7 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.342 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

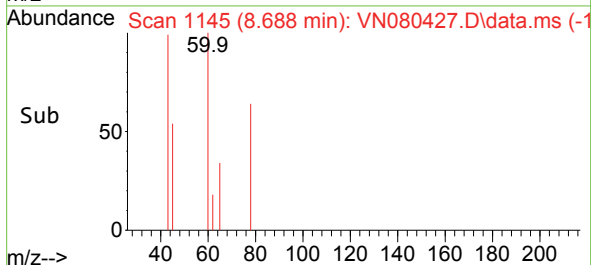
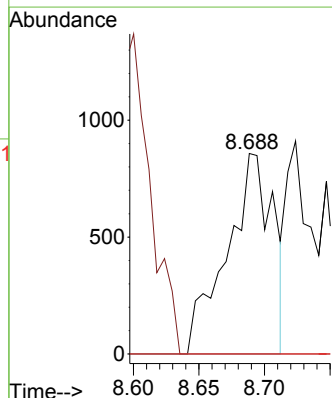
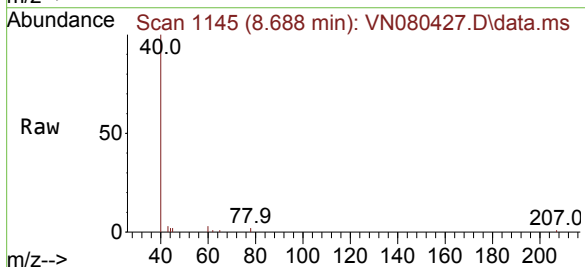
Tgt Ion: 43 Resp: 2104

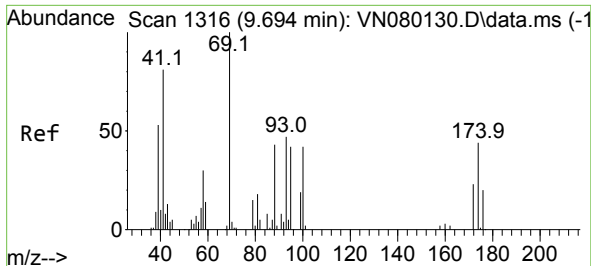
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 3.338 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

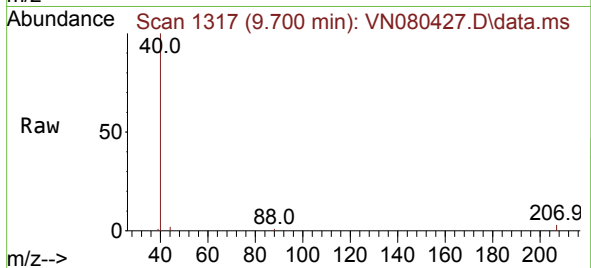
Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :



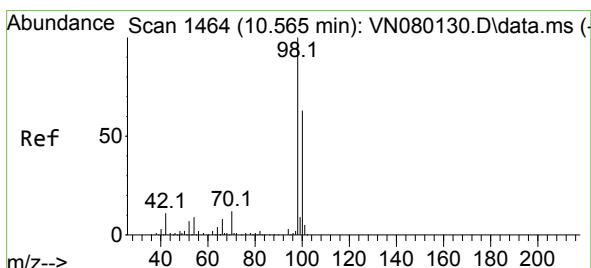
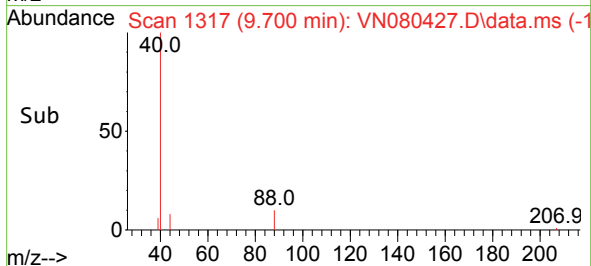
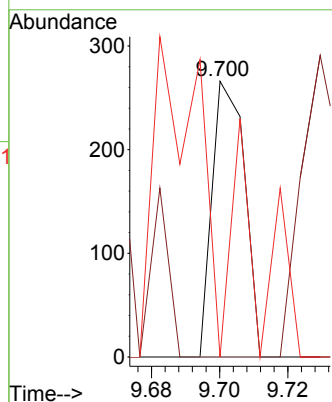
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 50.122 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080427.D

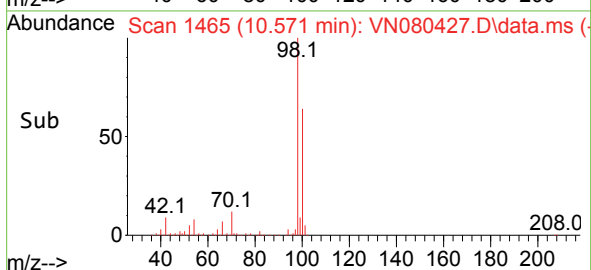
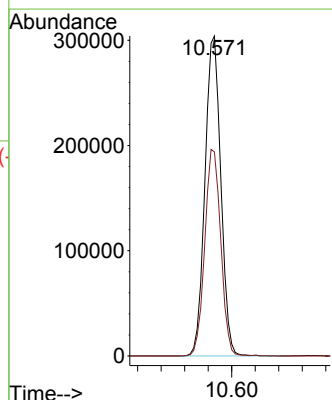
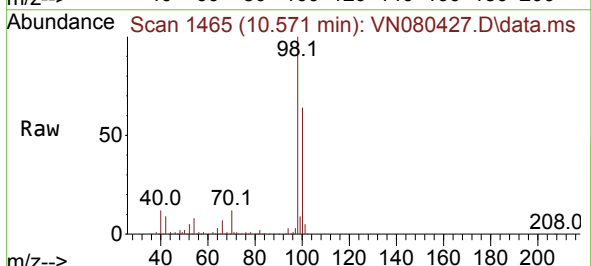
Acq: 08 Dec 2023 23:30

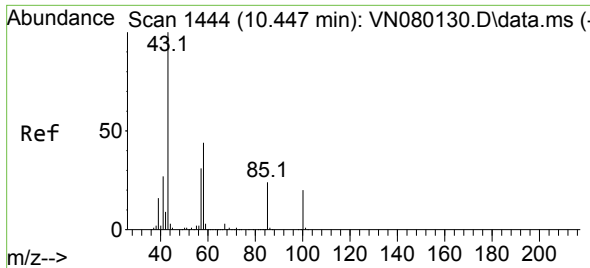
Tgt Ion: 98 Resp: 568617

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

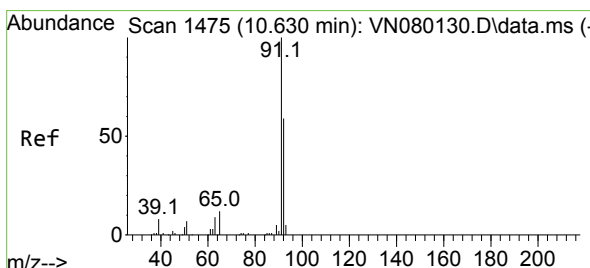
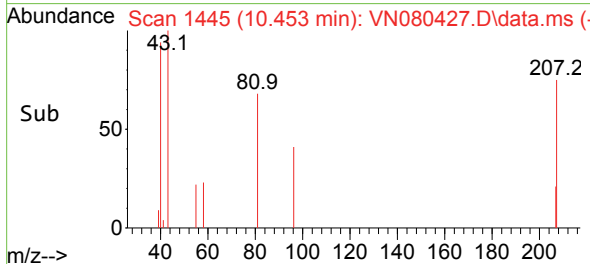
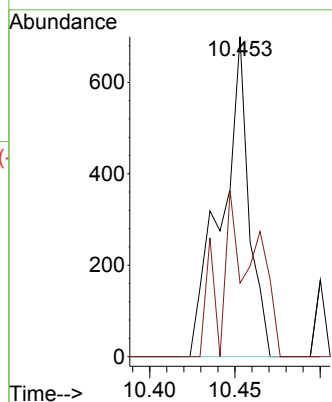
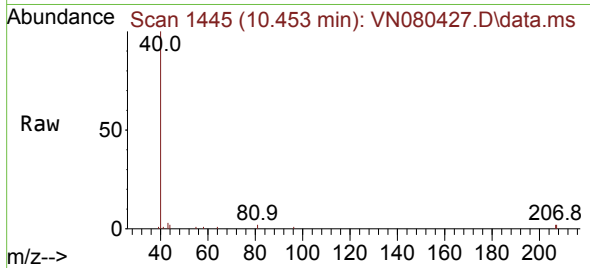




#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

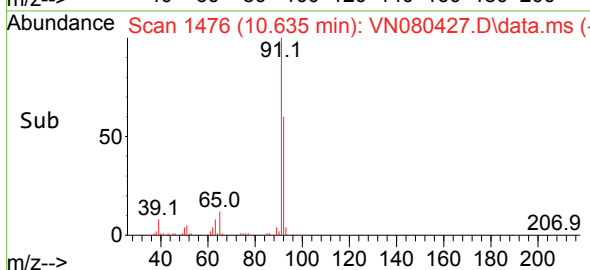
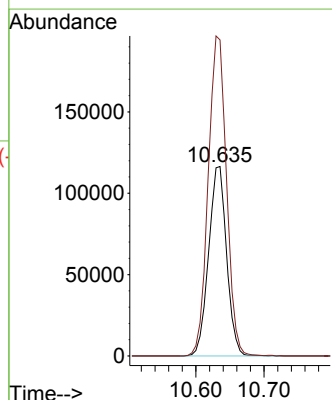
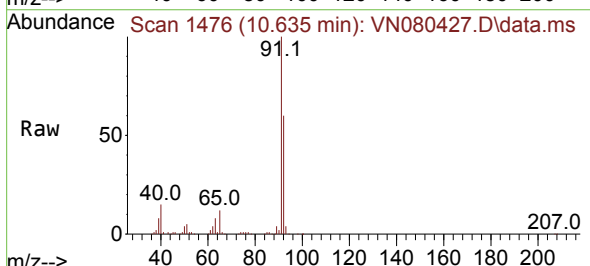
Instrument :
MSVOA_N
ClientSampleId :

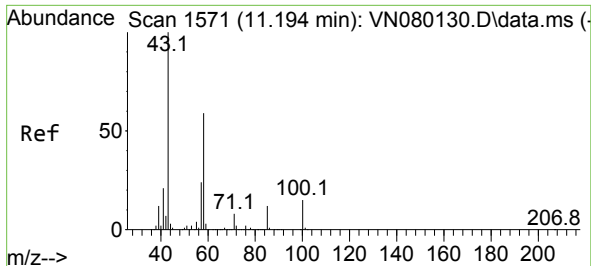
Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 64.4 36.6 54.8#



#52
Toluene
Concen: 26.353 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 92 Resp: 213566
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0

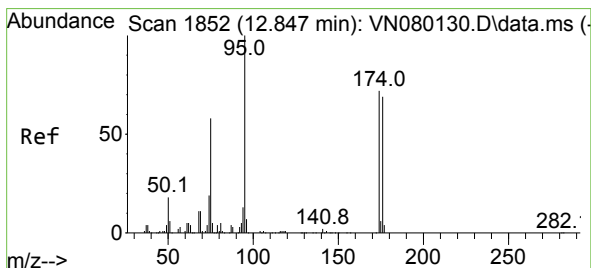
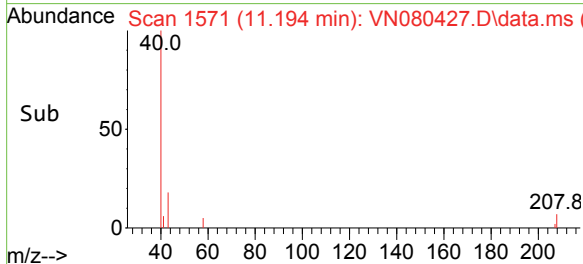
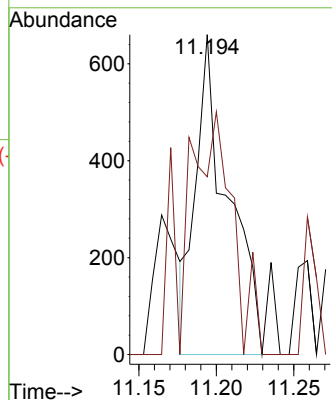
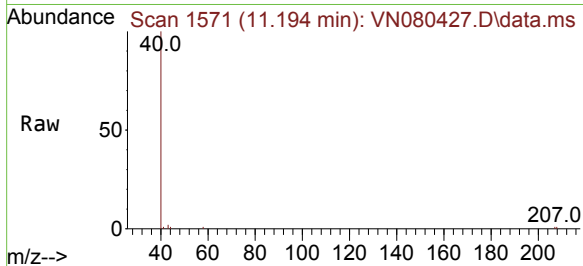




#59
2-Hexanone
Concen: 0.397 ug/l
RT: 11.194 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

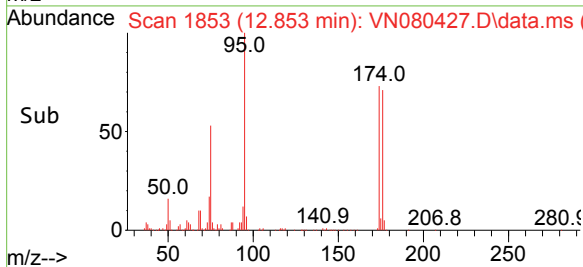
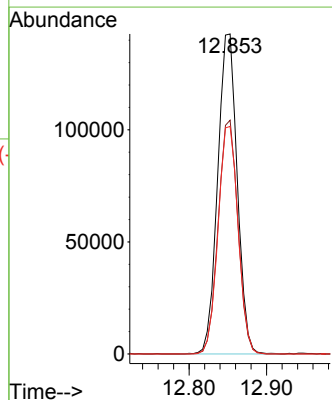
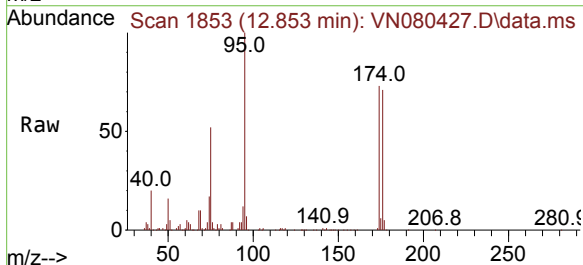
Instrument :
MSVOA_N
ClientSampleId :

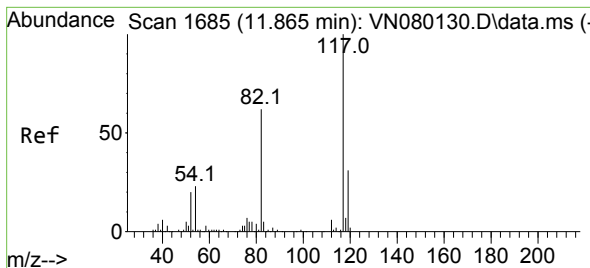
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 58.412 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 95 Resp: 250299
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

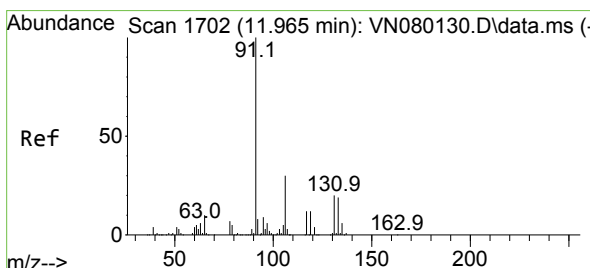
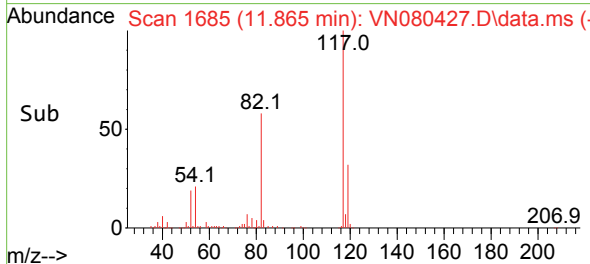
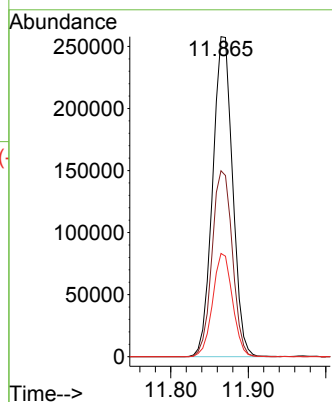
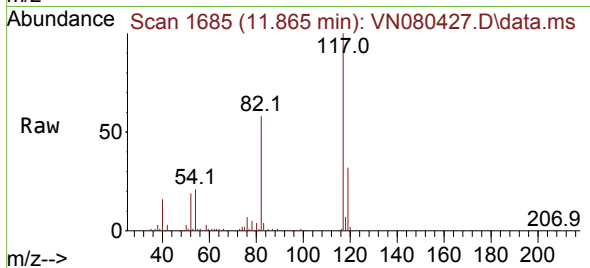
Tgt Ion:117 Resp: 460387

Ion Ratio Lower Upper

117 100

82 58.1 44.0 66.0

119 32.3 25.6 38.4



#67

Ethyl Benzene

Concen: 28.811 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080427.D

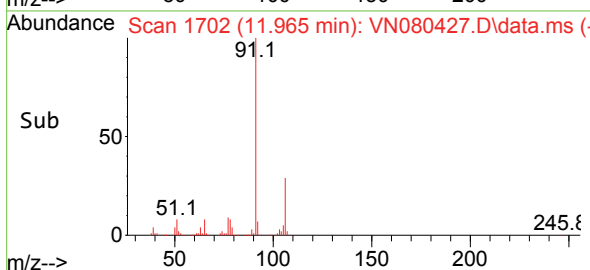
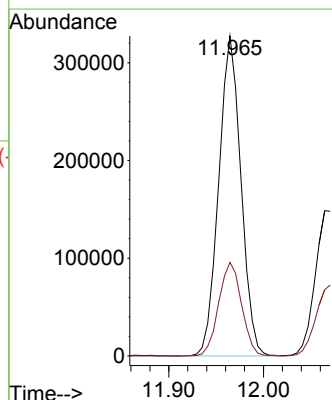
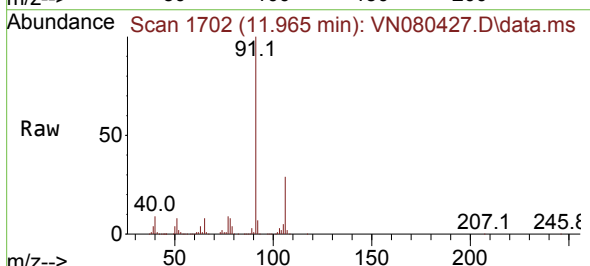
Acq: 08 Dec 2023 23:30

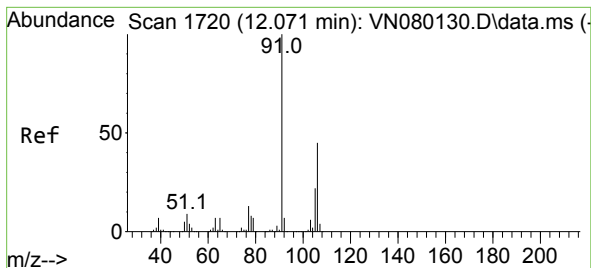
Tgt Ion: 91 Resp: 534816

Ion Ratio Lower Upper

91 100

106 29.2 25.6 38.4

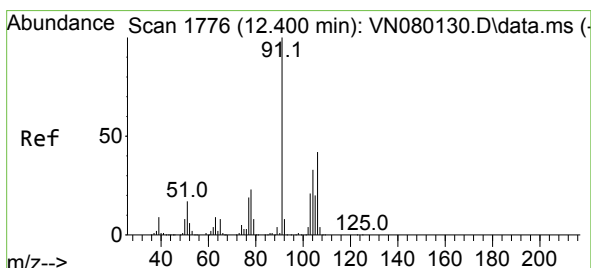
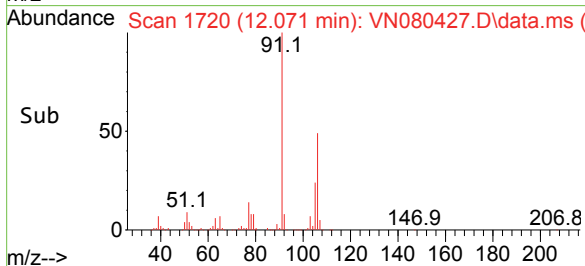
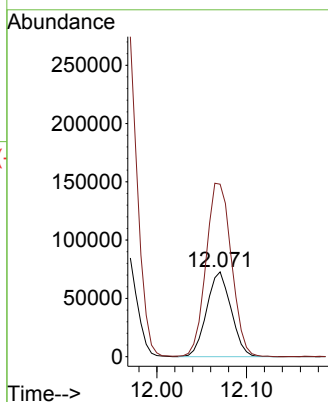
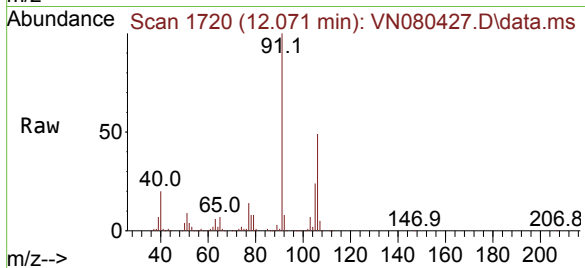




#68
m/p-Xylenes
Concen: 20.270 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

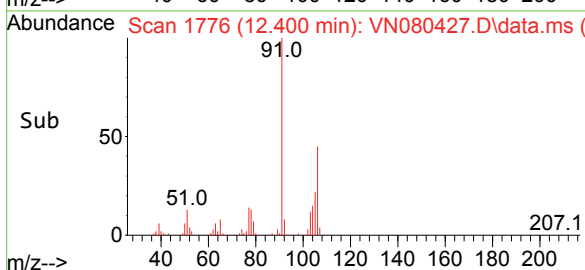
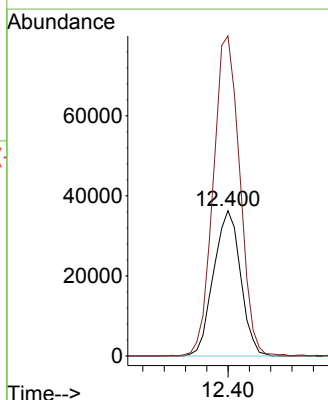
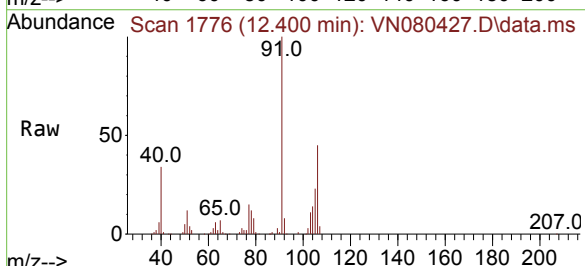
Instrument :
MSVOA_N
ClientSampleId :

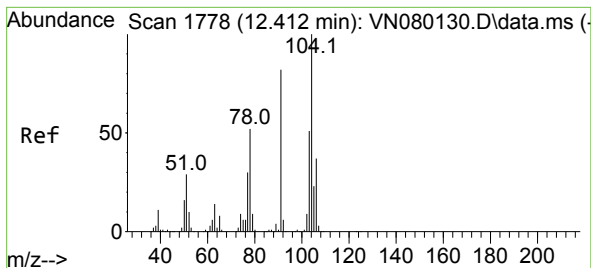
Tgt Ion:106 Resp: 137196
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4



#69
o-Xylene
Concen: 10.004 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion:106 Resp: 63812
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.5





#70

Styrene

Concen: 3.217 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080427.D

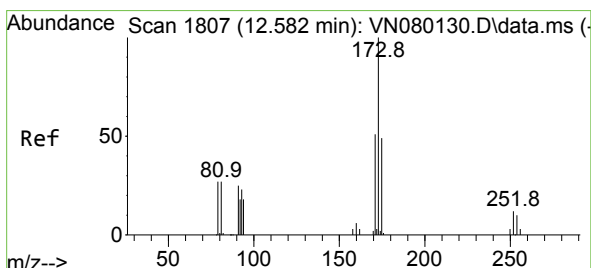
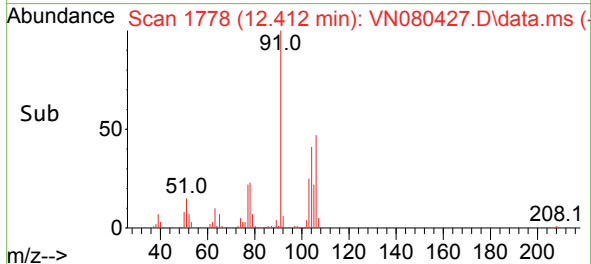
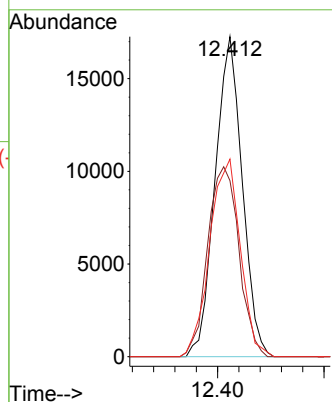
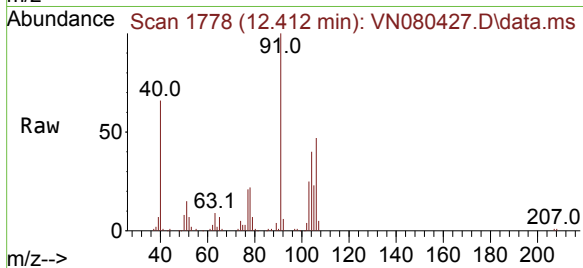
Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	30537
Ion Ratio	Lower	Upper	
104	100		
78	68.5	39.5	59.3#
103	69.7	43.2	64.8#



#71

Bromoform

Concen: 0.332 ug/l

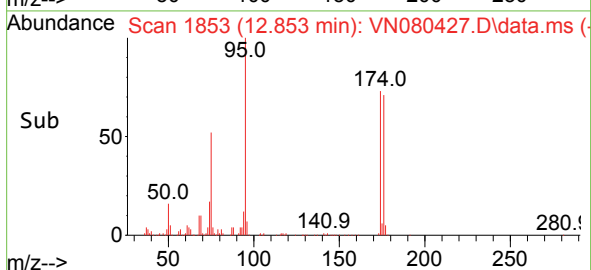
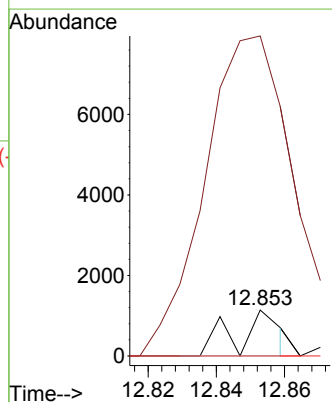
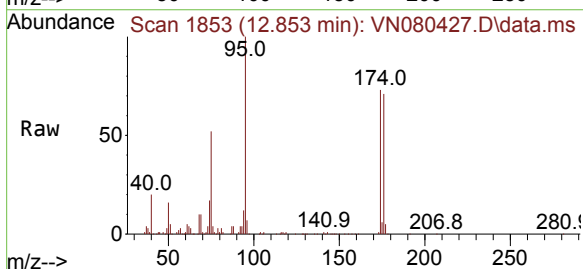
RT: 12.853 min Scan# 1853

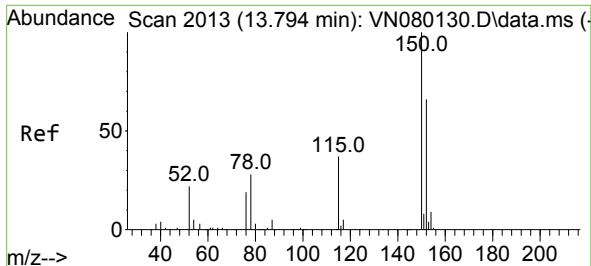
Delta R.T. 0.270 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

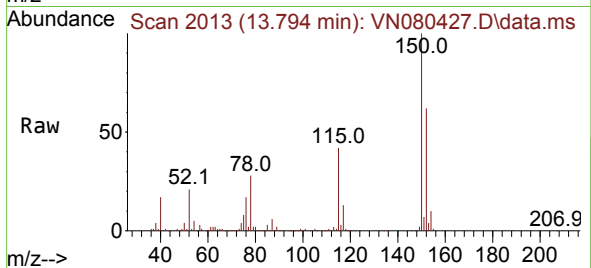
Tgt Ion:	173	Resp:	996
Ion Ratio	Lower	Upper	
173	100		
175	1232.4	24.3	73.0#
254	0.0	0.0	0.0



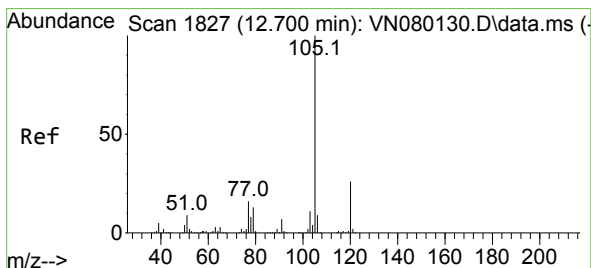
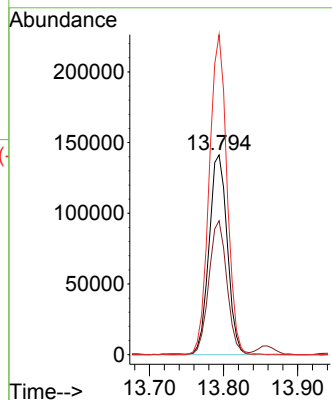
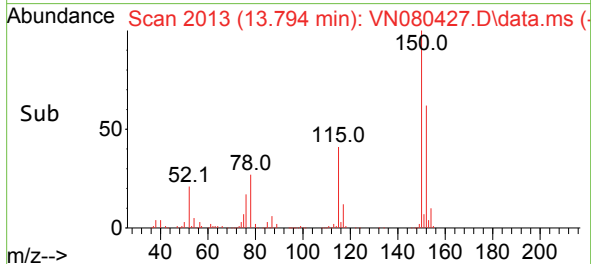


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Instrument :
MSVOA_N
ClientSampleId :

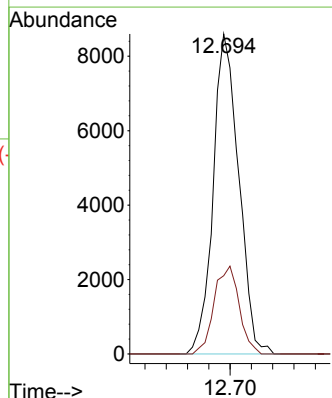
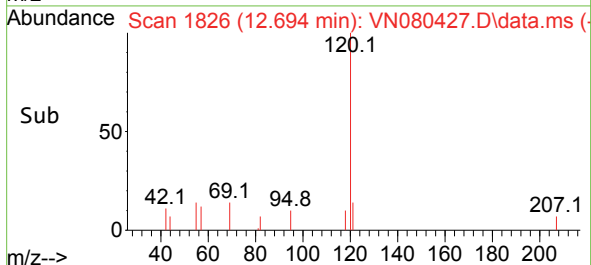
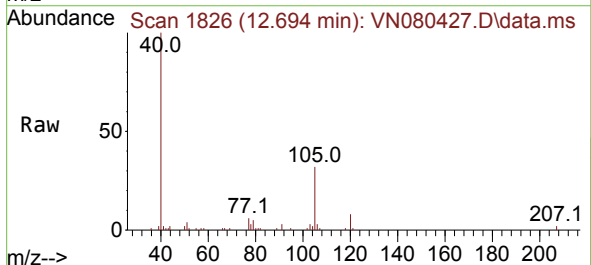


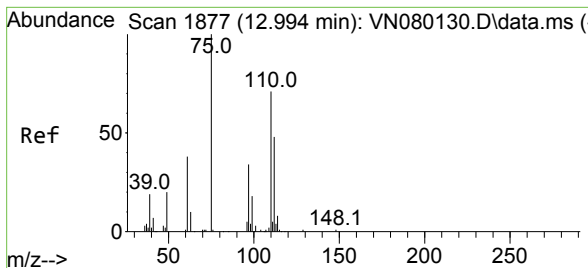
Tgt Ion:152 Resp: 241615
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 155.5 0.0 355.8



#73
Isopropylbenzene
Concen: 0.763 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion:105 Resp: 14331
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

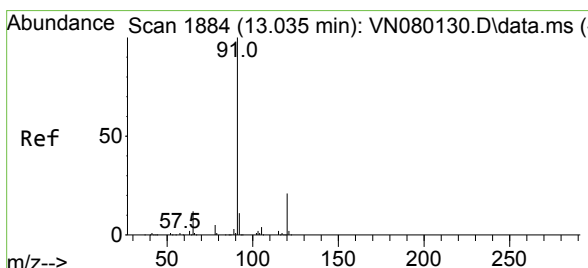
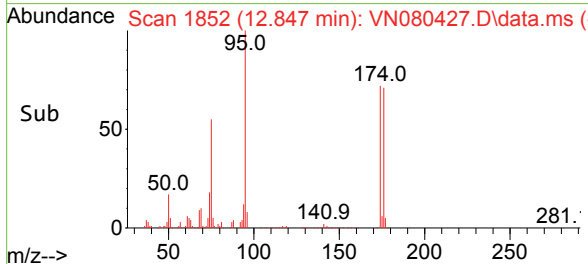
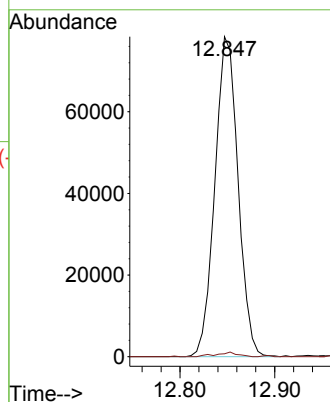
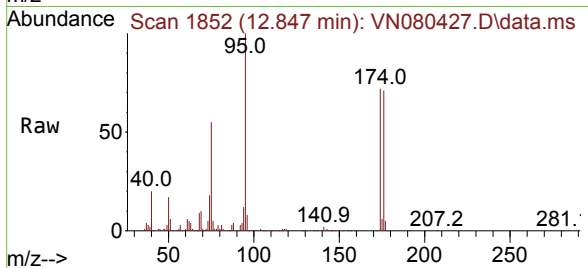




#76
1,2,3-Trichloropropane
Concen: 22.519 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

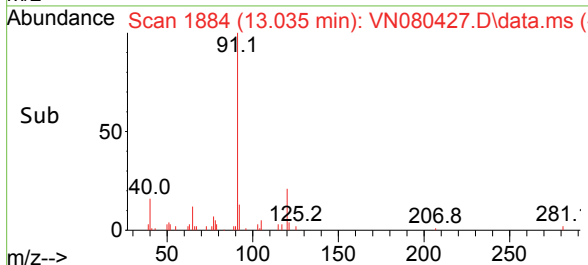
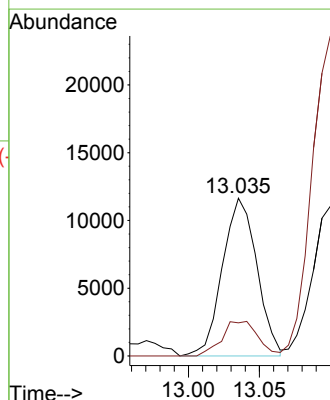
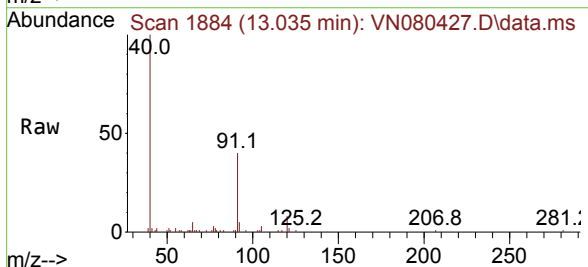
Instrument :
MSVOA_N
ClientSampleId :

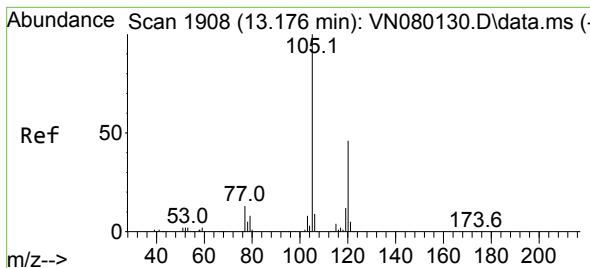
Tgt Ion: 75 Resp: 133312
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#78
n-propylbenzene
Concen: 0.936 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 91 Resp: 19659
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.752 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

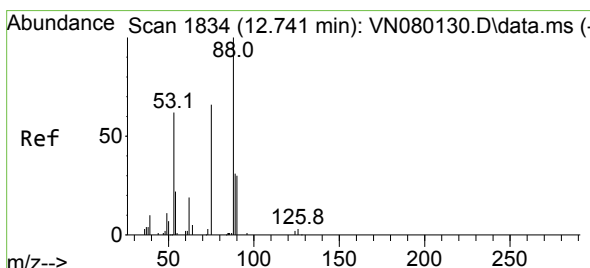
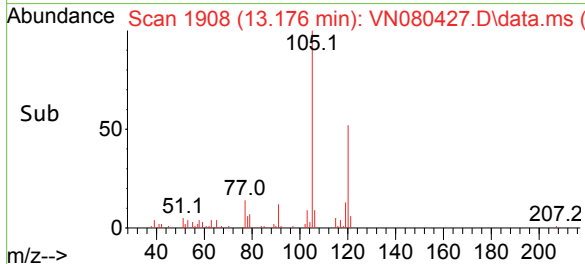
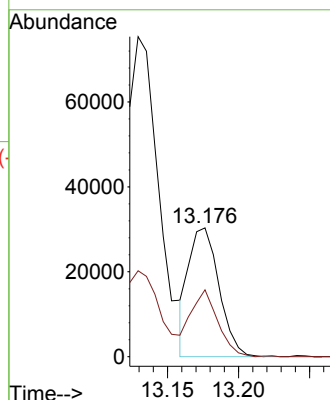
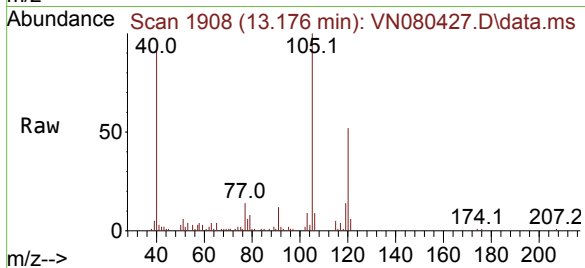
ClientSampleId :

Tgt Ion:105 Resp: 44973

Ion Ratio Lower Upper

105 100

120 46.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 76.082 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

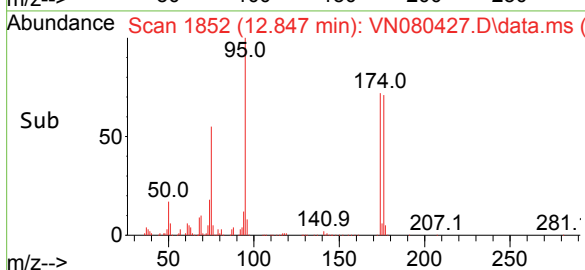
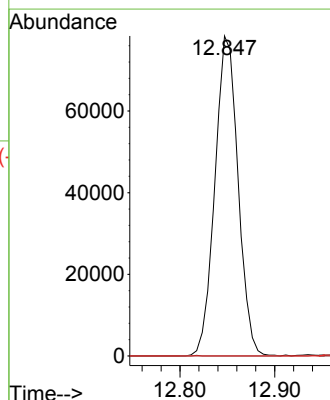
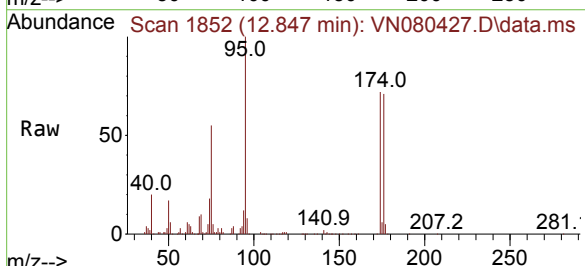
Tgt Ion: 75 Resp: 133312

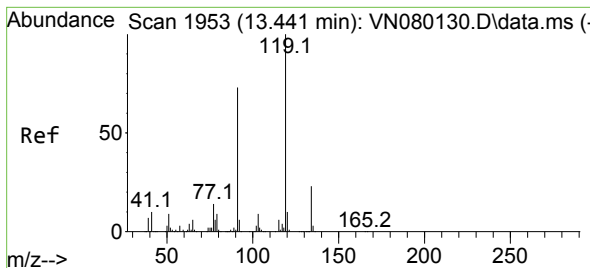
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#83

tert-Butylbenzene

Concen: 1.688 ug/l

RT: 13.482 min Scan# 1953

Delta R.T. 0.041 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

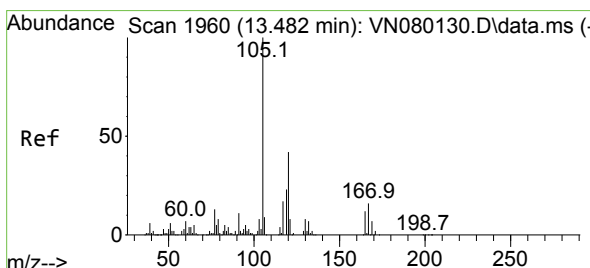
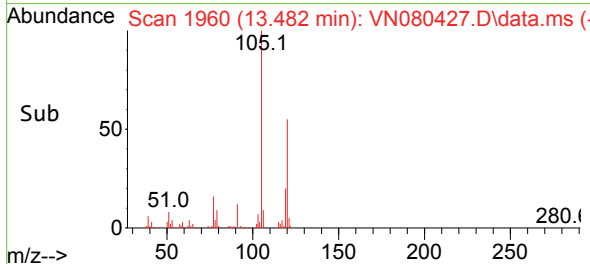
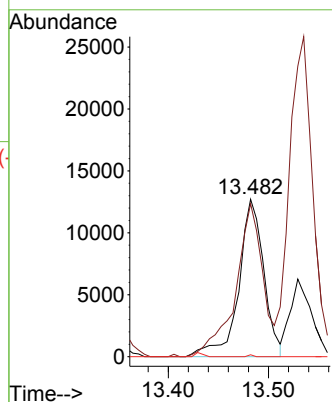
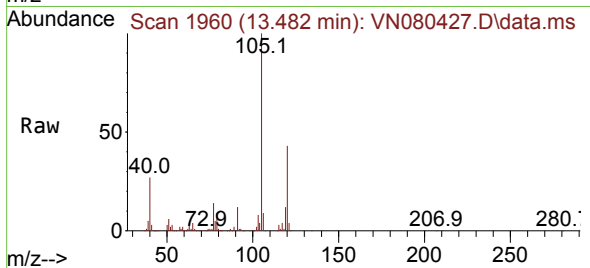
Tgt Ion:119 Resp: 22119

Ion Ratio Lower Upper

119 100

91 105.0 33.9 101.7#

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 10.529 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080427.D

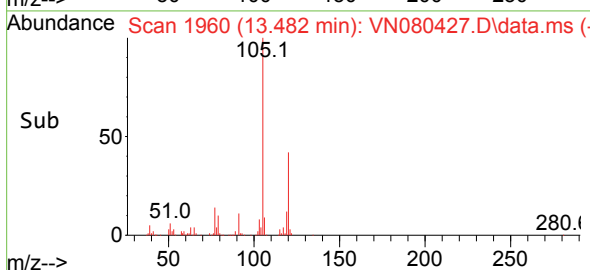
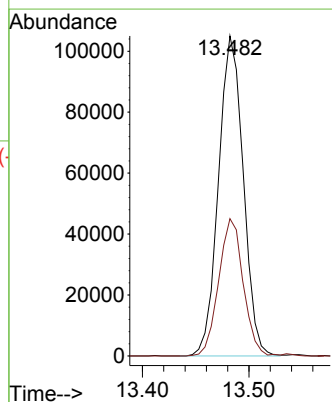
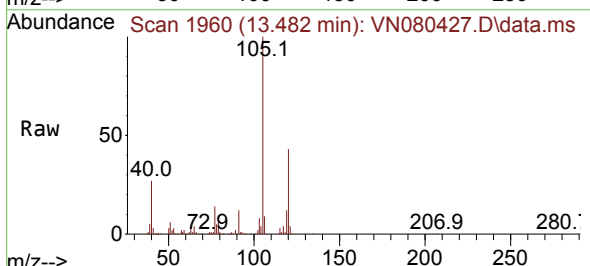
Acq: 08 Dec 2023 23:30

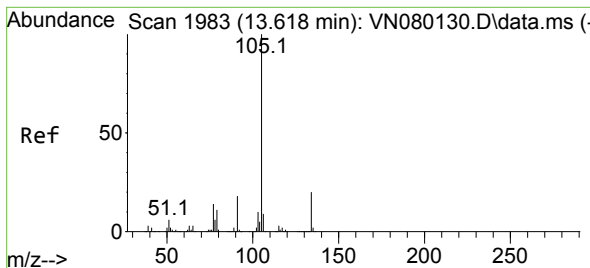
Tgt Ion:105 Resp: 169440

Ion Ratio Lower Upper

105 100

120 42.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 10.219 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

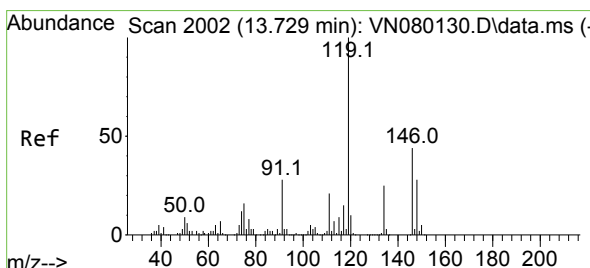
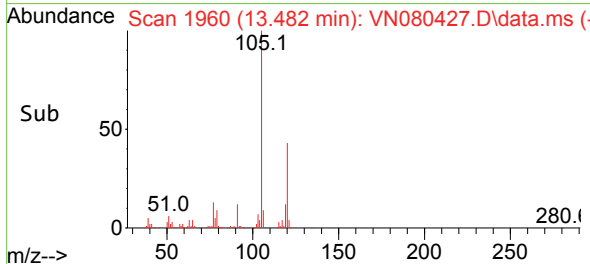
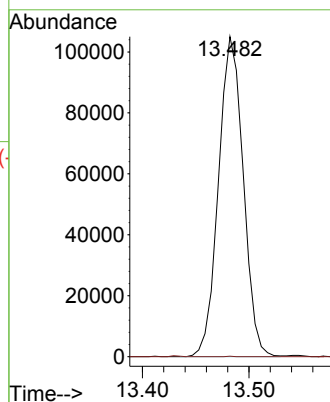
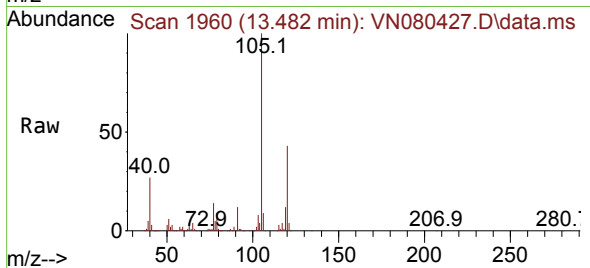
ClientSampleId :

Tgt Ion:105 Resp: 169440

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.705 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

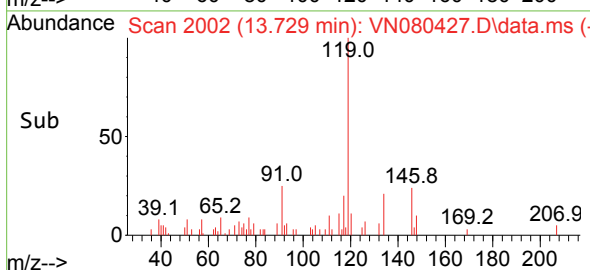
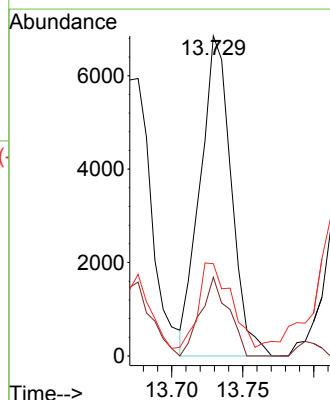
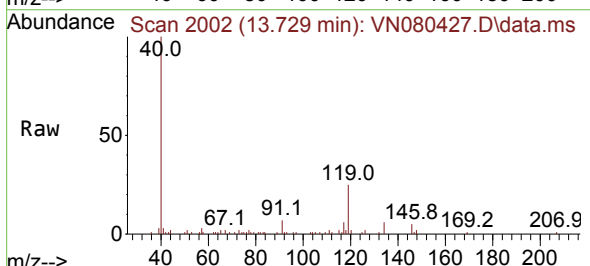
Tgt Ion:119 Resp: 10439

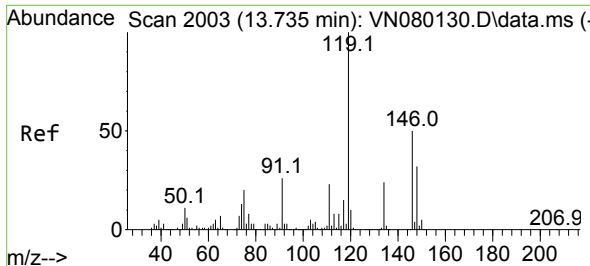
Ion Ratio Lower Upper

119 100

134 22.0 12.6 37.8

91 28.0 12.4 37.2

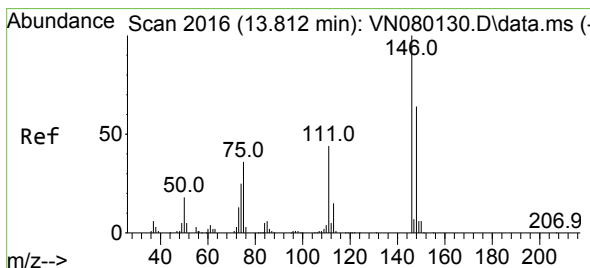
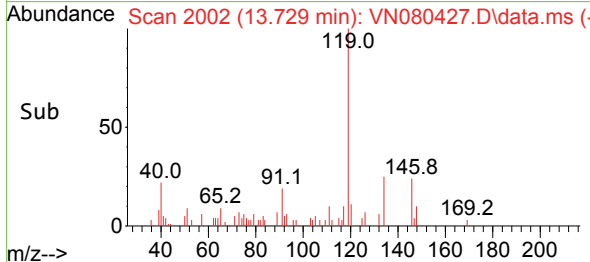
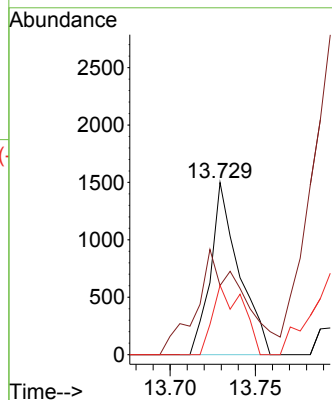
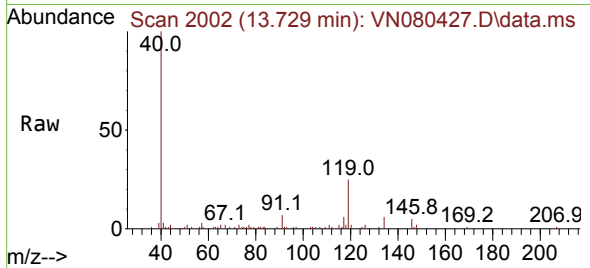




#87
1,3-Dichlorobenzene
Concen: 0.203 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

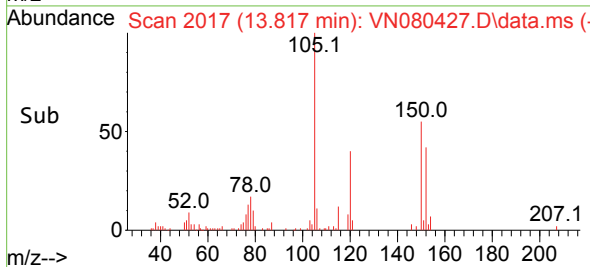
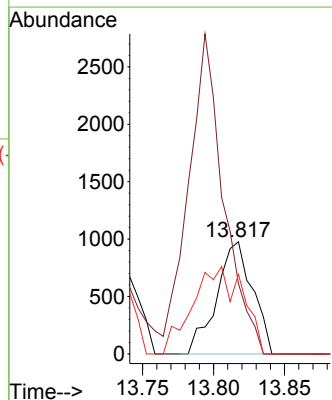
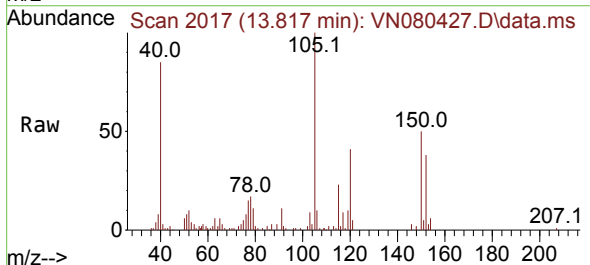
Instrument :
MSVOA_N
ClientSampleId :

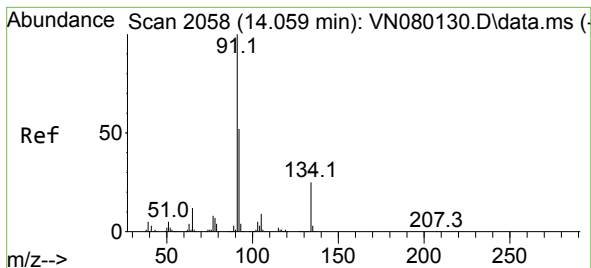
Tgt Ion:146 Resp: 1729
Ion Ratio Lower Upper
146 100
111 101.4 22.1 66.3#
148 42.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.200 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion:146 Resp: 1718
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 108.6 31.6 94.8#





#89

n-Butylbenzene

Concen: 0.660 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080427.D

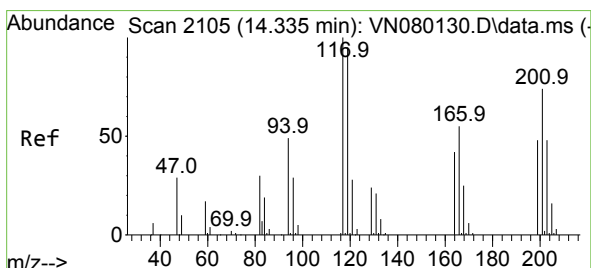
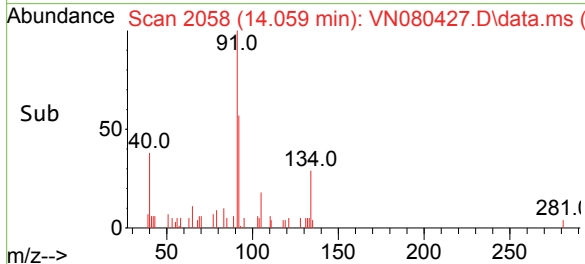
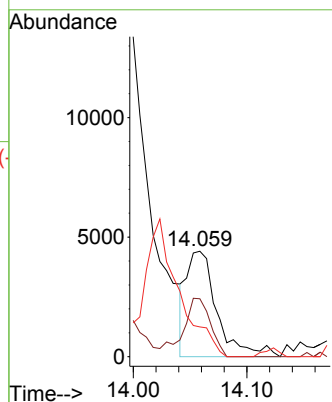
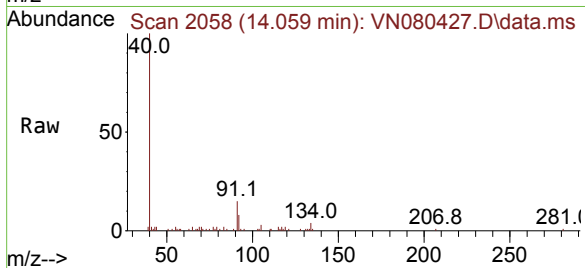
Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 8186
Ion Ratio	Lower Upper
91	100
92	49.5 26.4 79.0
134	0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 6.977 ug/l

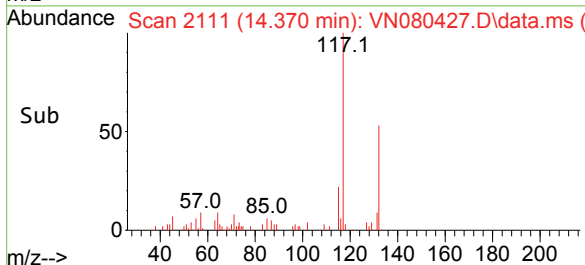
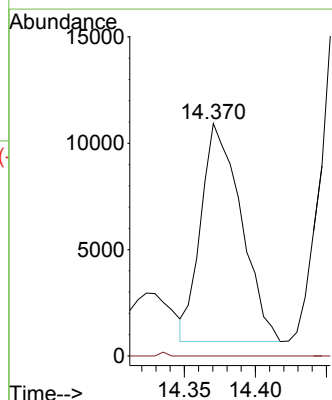
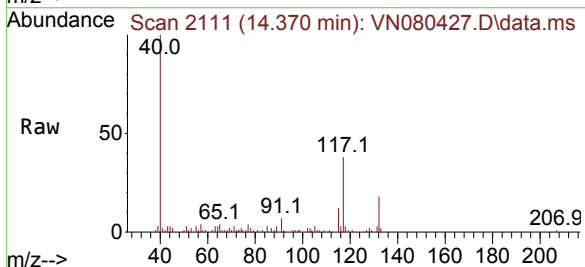
RT: 14.370 min Scan# 2111

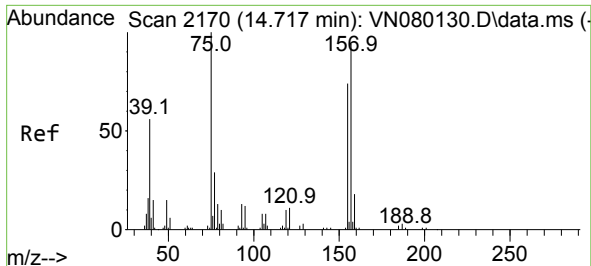
Delta R.T. 0.035 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Tgt Ion: 117	Resp: 20145
Ion Ratio	Lower Upper
117	100
201	0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.131 ug/l

RT: 14.706 min Scan# 2168

Delta R.T. -0.012 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

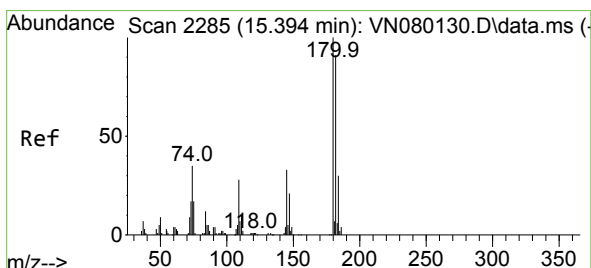
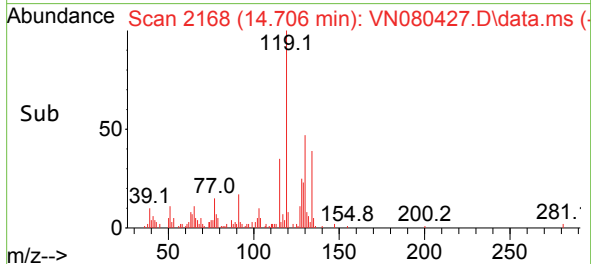
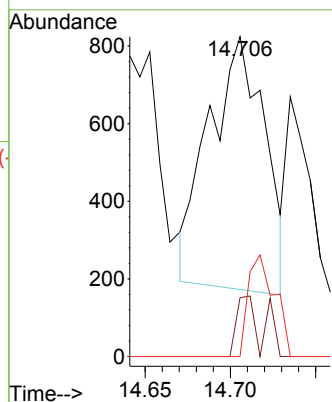
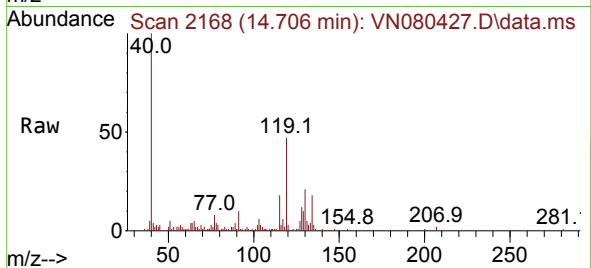
Tgt Ion: 75 Resp: 1476

Ion Ratio Lower Upper

75 100

155 11.0 39.1 117.2#

157 19.1 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.438 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

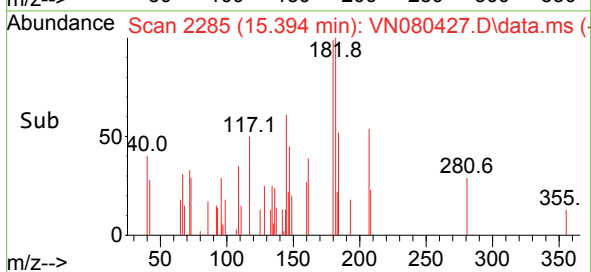
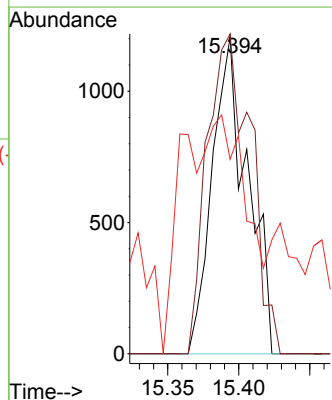
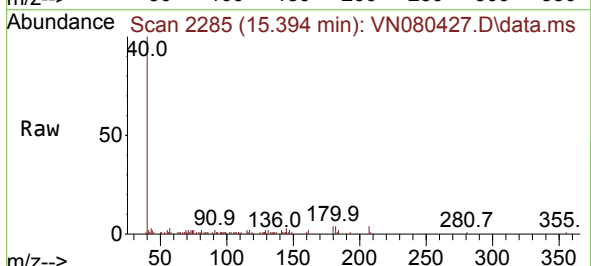
Tgt Ion: 180 Resp: 2079

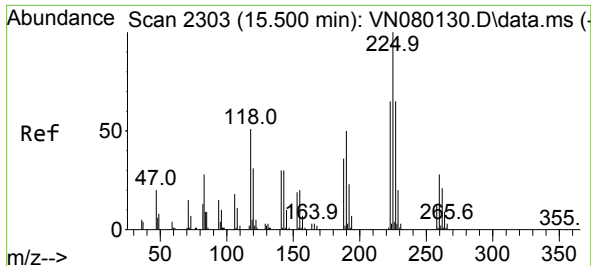
Ion Ratio Lower Upper

180 100

182 124.8 46.1 138.2

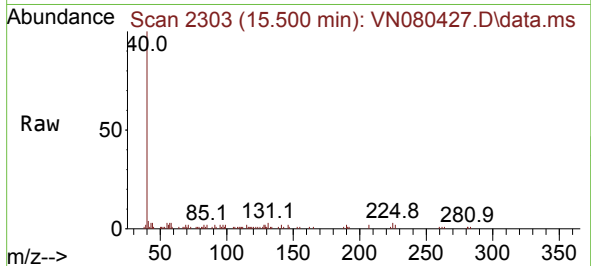
145 0.0 16.6 49.8#



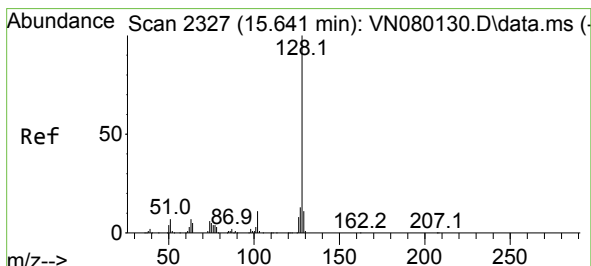
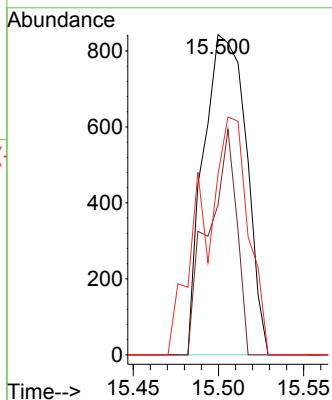
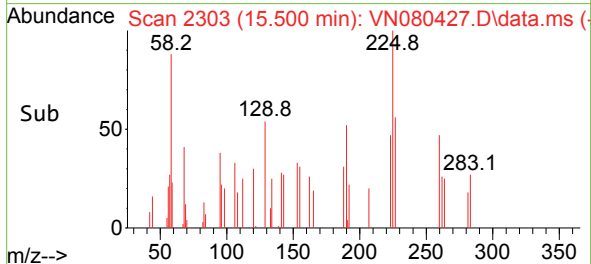


#94
Hexachlorobutadiene
Concen: 0.537 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Instrument :
MSVOA_N
ClientSampleId :

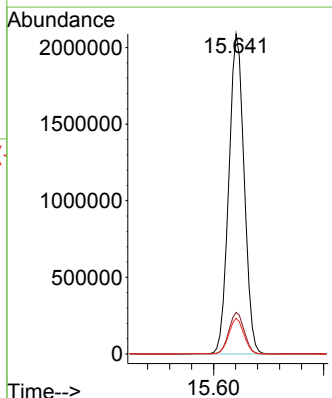
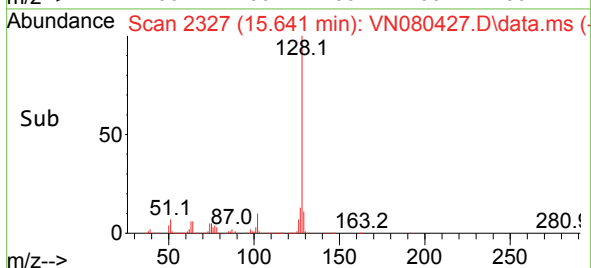
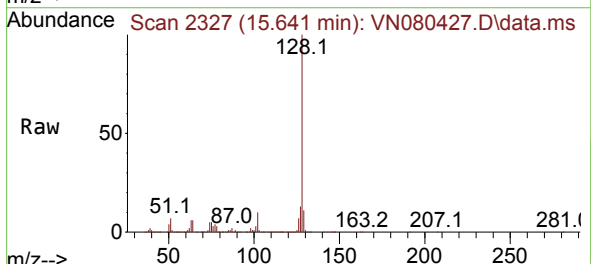


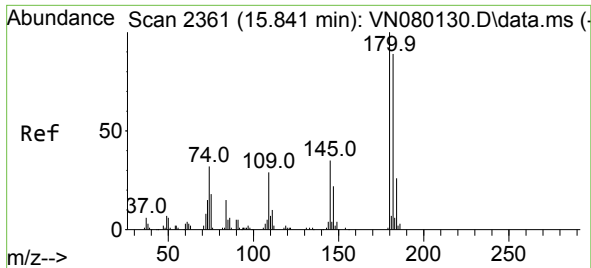
Tgt Ion:225 Resp: 1468
Ion Ratio Lower Upper
225 100
223 46.9 31.3 93.8
227 80.4 31.9 95.9



#95
Naphthalene
Concen: 293.536 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

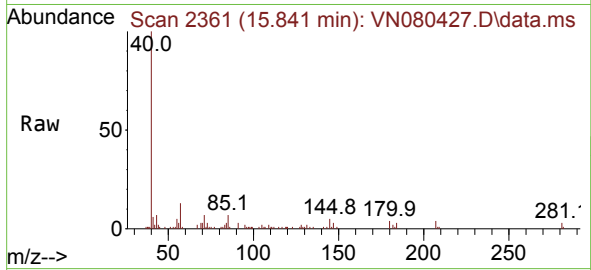
Tgt Ion:128 Resp: 4040329
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.503 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080427.D
 Acq: 08 Dec 2023 23:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 2236
 Ion Ratio Lower Upper
 180 100
 182 45.4 46.2 138.6#
 145 89.0 17.5 52.6#

