

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080504.D
 Acq On : 15 Dec 2023 15:35
 Operator : JC\MD
 Sample : 05862-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 02:54:00 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	245763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	446822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	472133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168026	53.529	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	107.060%		
35) Dibromofluoromethane	8.165	113	140376	49.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	10.571	98	515228	48.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.520%		
62) 4-Bromofluorobenzene	12.847	95	224918	56.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.120%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	3786	0.756	ug/l	96
6) Chloroethane	3.112	64	569	0.330	ug/l #	43
10) Methyl Iodide	4.571	142	881	0.388	ug/l #	38
11) Tert butyl alcohol	5.512	59	2439	6.598	ug/l #	85
13) Acrolein	4.189	56	194	0.479	ug/l #	65
16) Acetone	4.430	43	12783	22.967	ug/l	97
17) Carbon Disulfide	4.706	76	5207	0.695	ug/l #	75
18) Methyl Acetate	5.018	43	860	0.240	ug/l	98
25) 2-Butanone	7.488	43	3694	3.445	ug/l #	81
30) Chloroform	7.965	83	3893	0.713	ug/l	87
31) Cyclohexane	8.224	56	5958	1.396	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	19904	4.297	ug/l #	49
37) Ethyl Acetate	7.488	43	3694	1.273	ug/l #	67
38) Carbon Tetrachloride	8.224	117	27618	4.990	ug/l #	16
40) Benzene	8.612	78	143916	10.759	ug/l	98
47) Bromodichloromethane	9.888	83	2256	0.467	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	1760	0.613	ug/l	86
52) Toluene	10.629	92	227276	26.896	ug/l	98
53) t-1,3-Dichloropropene	10.635	75	2999	0.573	ug/l #	1
59) 2-Hexanone	11.200	43	1976	0.932	ug/l #	38
60) Dibromochloromethane	11.353	129	1453	0.403	ug/l	97
64) Tetrachloroethene	11.112	164	2511	0.689	ug/l	85
65) Chlorobenzene	12.041	112	2457	0.234	ug/l #	43
67) Ethyl Benzene	11.965	91	6931507	358.926	ug/l	96
68) m/p-Xylenes	12.070	106	2167185	303.691	ug/l	88
69) o-Xylene	12.400	106	1195757	171.313	ug/l	87
70) Styrene	12.406	104	101780	10.123	ug/l #	1
73) Isopropylbenzene	12.700	105	340805	18.638	ug/l	97
74) N-amyl acetate	12.459	43	1530	0.287	ug/l #	36
76) 1,2,3-Trichloropropane	13.100	75	16391	3.610	ug/l #	1
78) n-propylbenzene	13.035	91	81344	4.035	ug/l	99
79) 2-Chlorotoluene	13.100	91	255341	19.400	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.176	105	360221	22.874	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.694	75	7322	4.234	ug/l #	53
82) 4-Chlorotoluene	13.176	91	41123	3.040	ug/l #	41
83) tert-Butylbenzene	13.482	119	188668	14.629	ug/l #	49

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 Response via : Initial Calibration

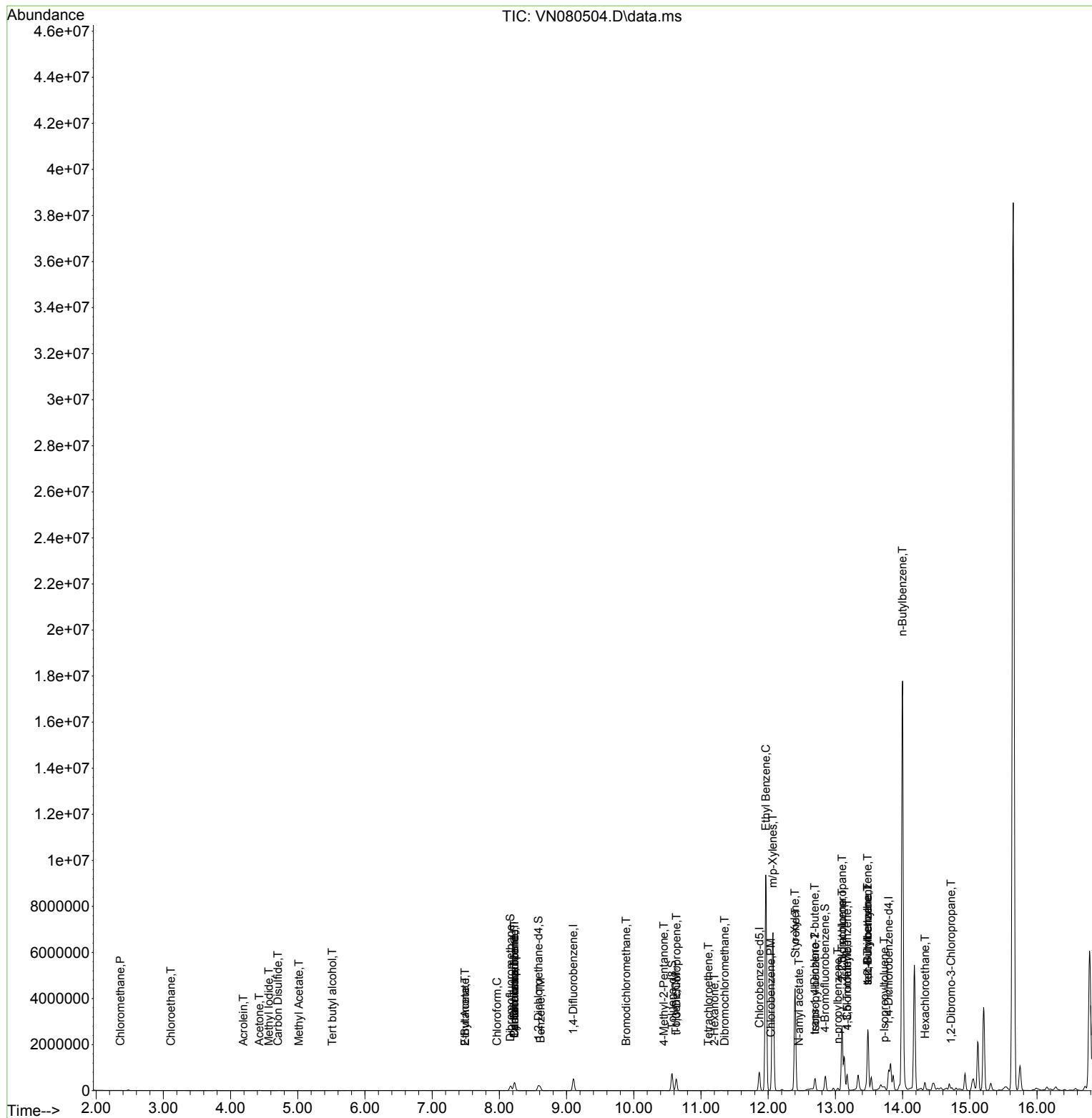
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.482	105	1571843	100.330	ug/l	98
85) sec-Butylbenzene	13.482	105	1571843	95.274	ug/l #	57
86) p-Isopropyltoluene	13.729	119	40394	2.712	ug/l #	75
89) n-Butylbenzene	14.000	91	1825463	146.738	ug/l #	43
90) Hexachloroethane	14.335	117	28720	12.140	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2402	2.331	ug/l #	4

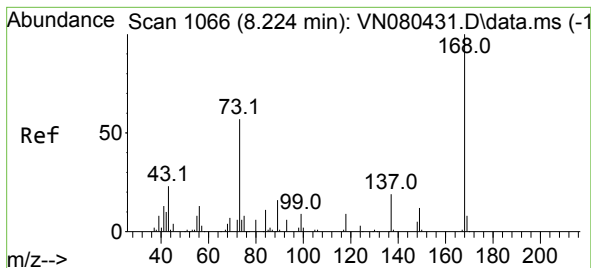
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

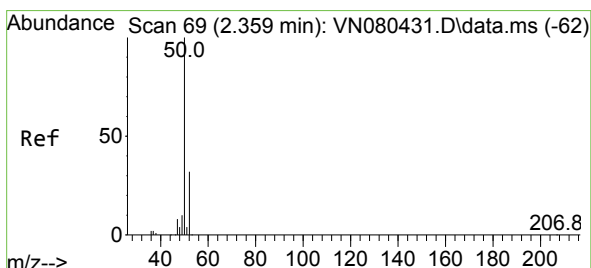
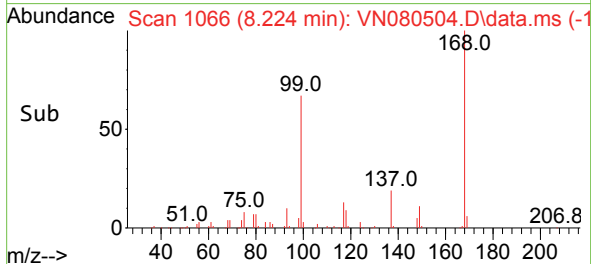
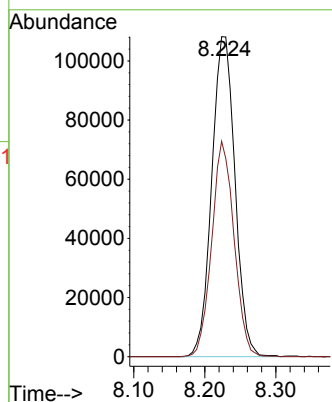
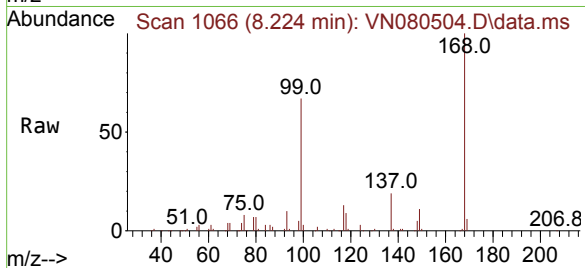
ClientSampleId :

Tgt Ion:168 Resp: 245763

Ion Ratio Lower Upper

168 100

99 67.3 53.0 79.6



#3

Chloromethane

Concen: 0.756 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080504.D

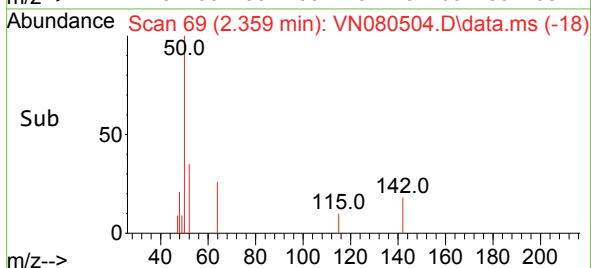
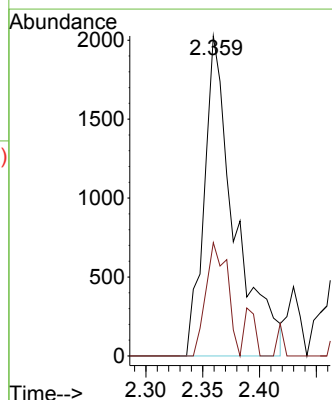
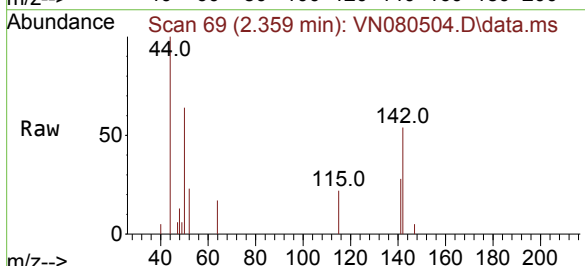
Acq: 15 Dec 2023 15:35

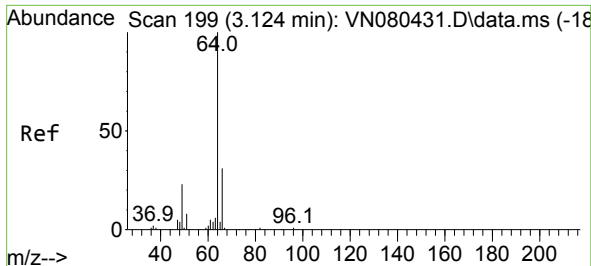
Tgt Ion: 50 Resp: 3786

Ion Ratio Lower Upper

50 100

52 35.4 26.5 39.7

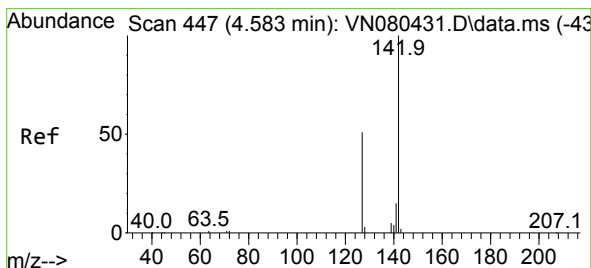
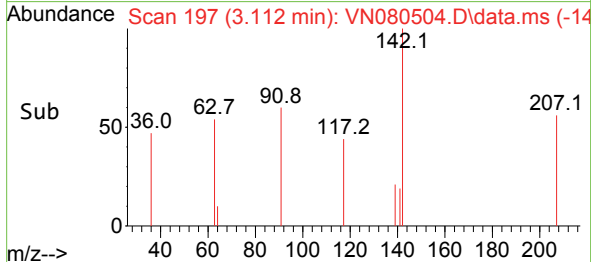
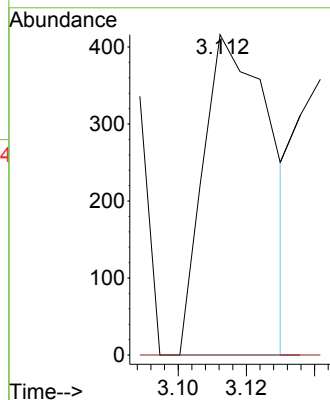
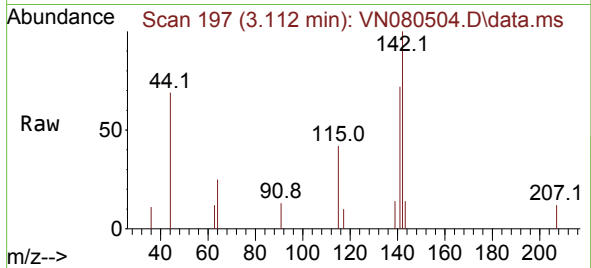




#6
Chloroethane
Concen: 0.330 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

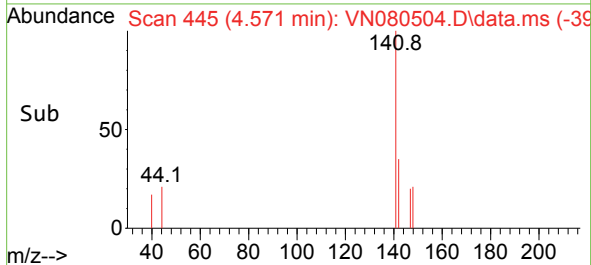
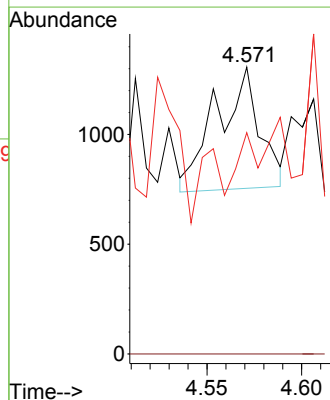
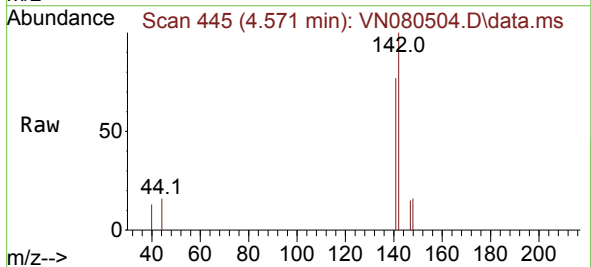
Instrument :
MSVOA_N
ClientSampleId :

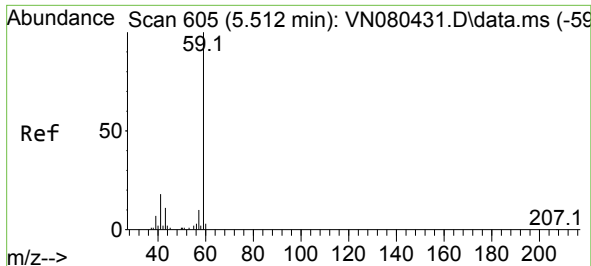
Tgt Ion: 64 Resp: 569
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.388 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 142 Resp: 881
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

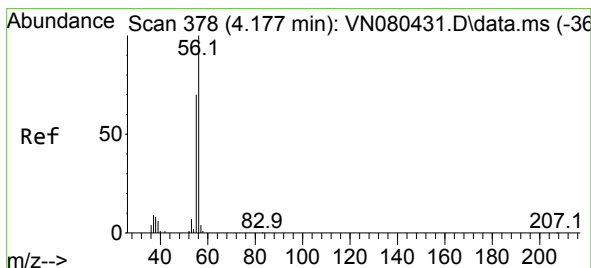
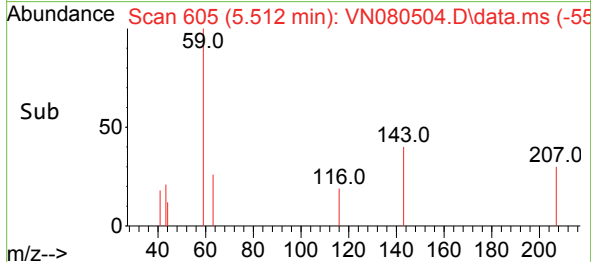
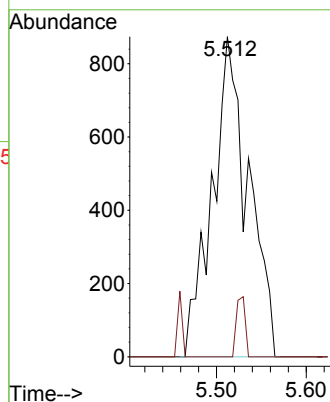
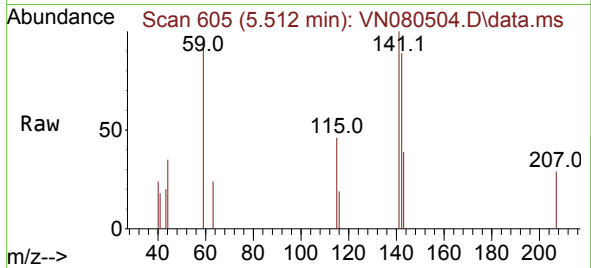




#11
Tert butyl alcohol
Concen: 6.598 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

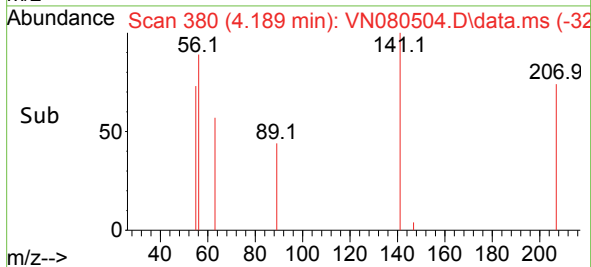
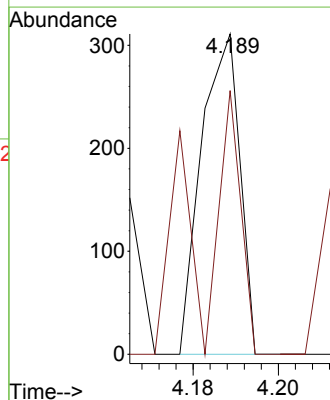
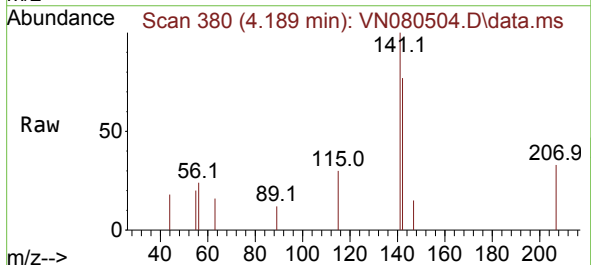
Instrument :
MSVOA_N
ClientSampleId :

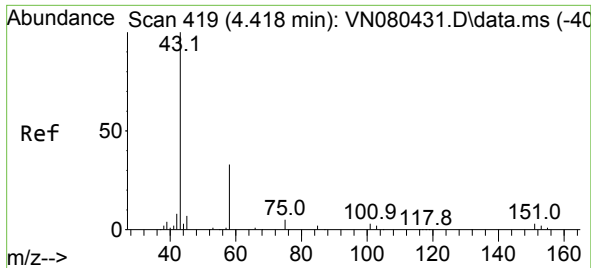
Tgt Ion: 59 Resp: 2439
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4#



#13
Acrolein
Concen: 0.479 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 39.7 54.5 81.7#

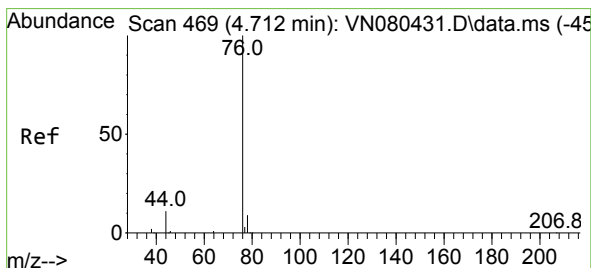
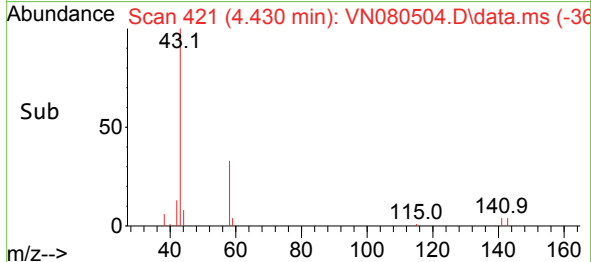
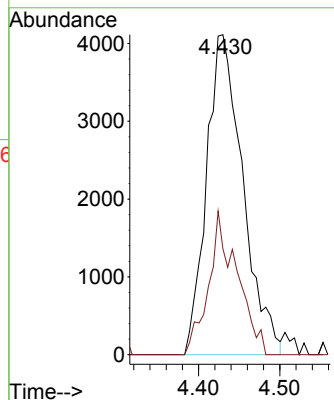
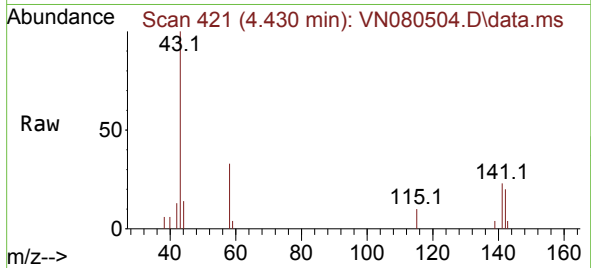




#16
Acetone
Concen: 22.967 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

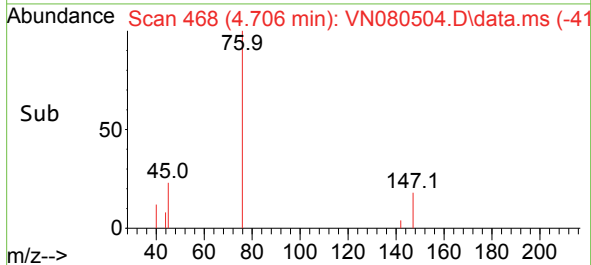
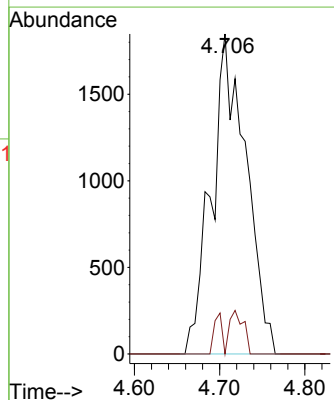
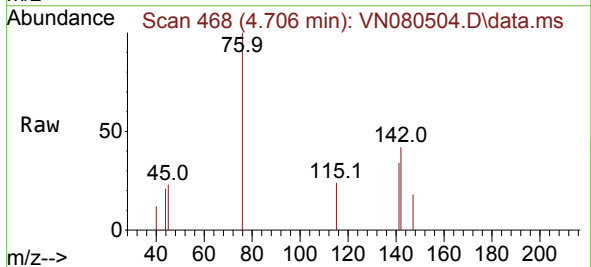
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MSVOA_N
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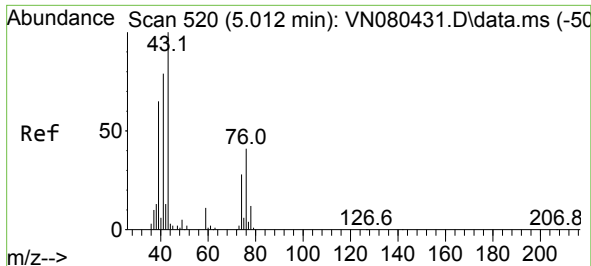
Tgt Ion: 43 Resp: 12783
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0



#17
Carbon Disulfide
Concen: 0.695 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 76 Resp: 5207
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.240 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

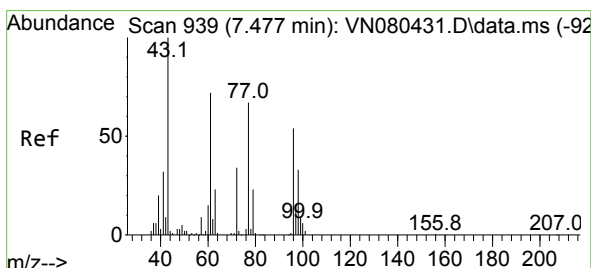
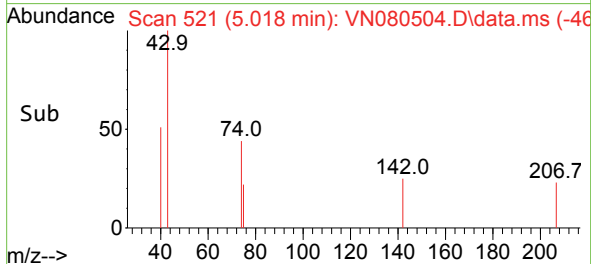
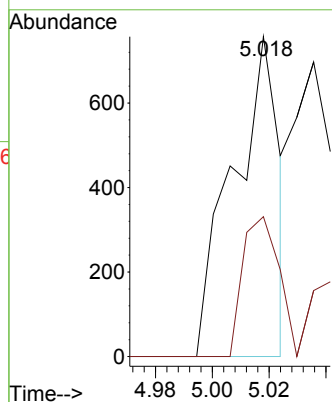
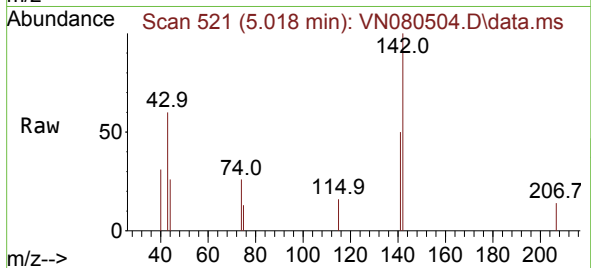
ClientSampleId :

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

74 34.1 26.2 39.4



#25

2-Butanone

Concen: 3.445 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN080504.D

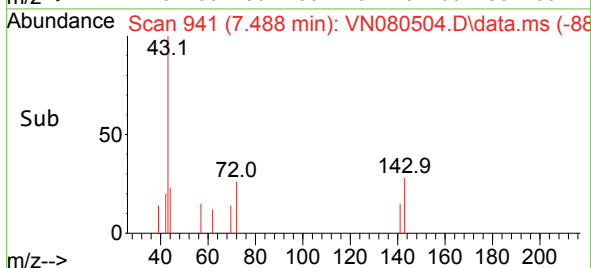
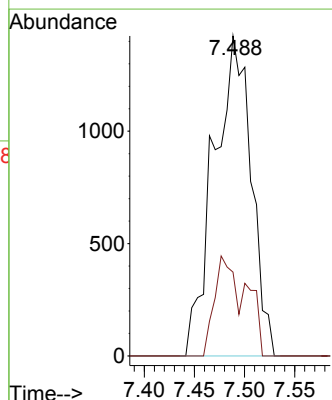
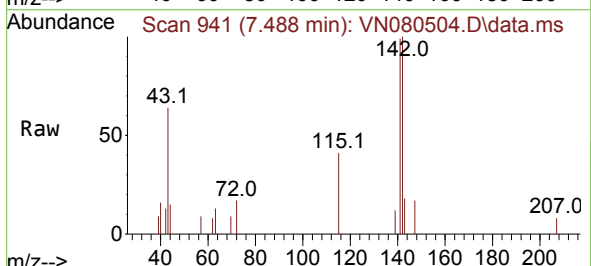
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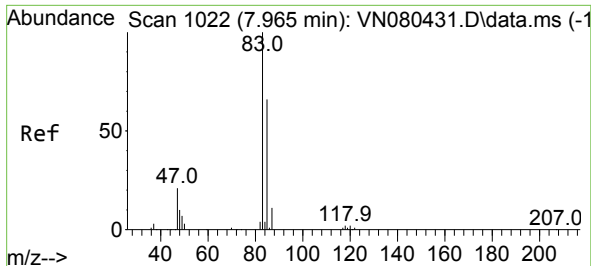
Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

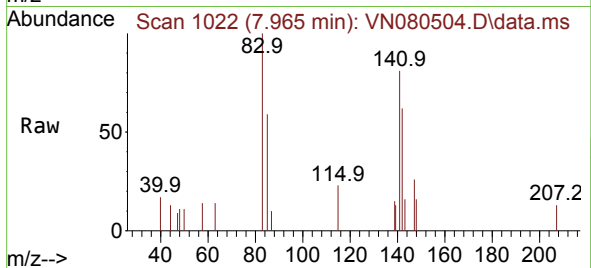
72 26.2 30.2 45.2#



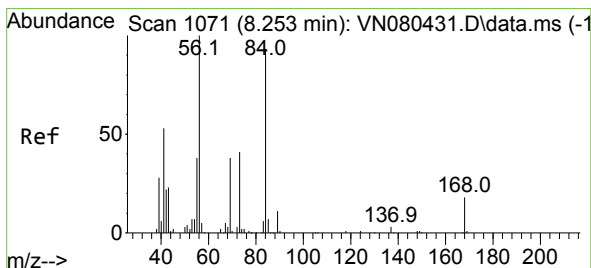
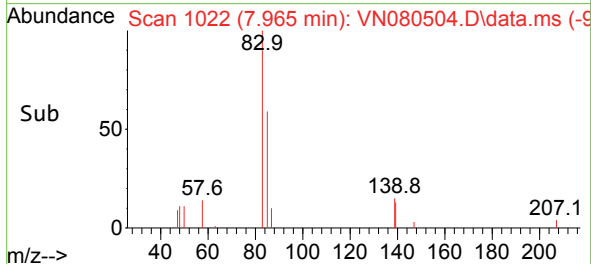
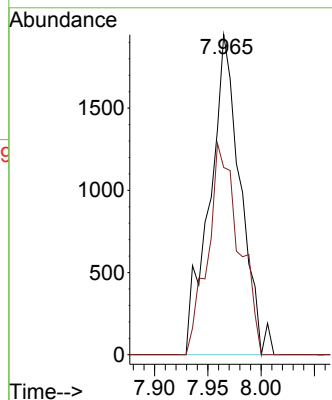


#30
Chloroform
Concen: 0.713 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :

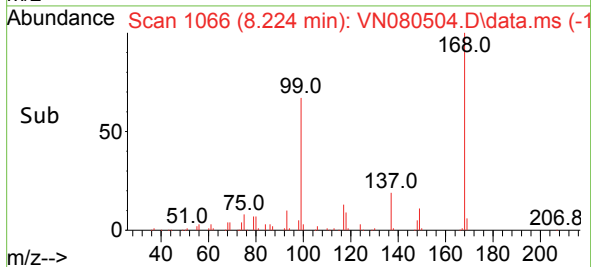
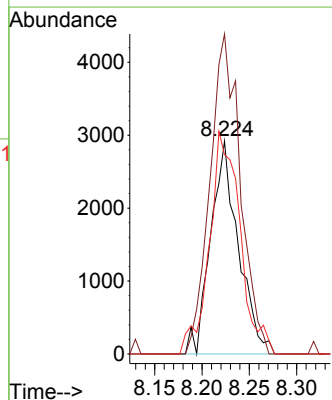
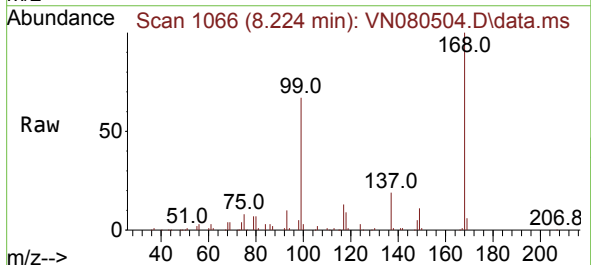


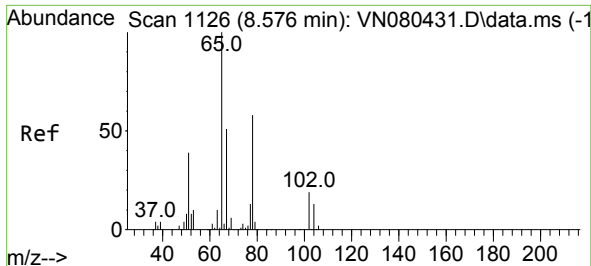
Tgt Ion: 83 Resp: 3893
Ion Ratio Lower Upper
83 100
85 58.5 55.4 83.0



#31
Cyclohexane
Concen: 1.396 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 56 Resp: 5958
Ion Ratio Lower Upper
56 100
69 150.4 26.8 40.2#
84 93.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 53.529 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

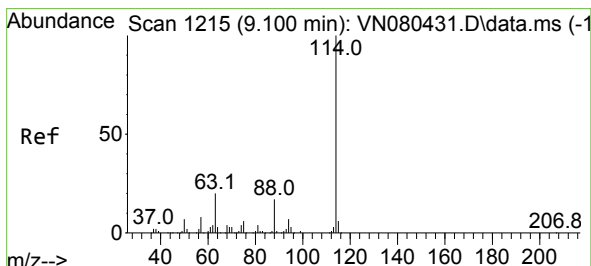
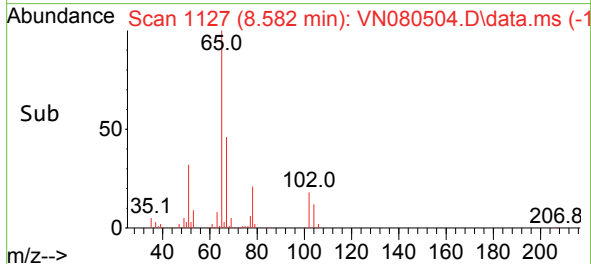
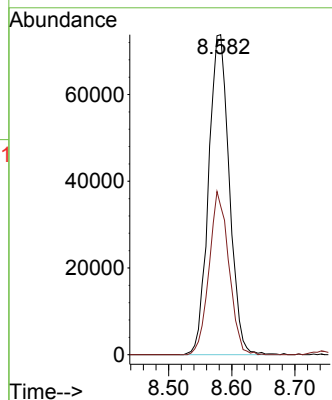
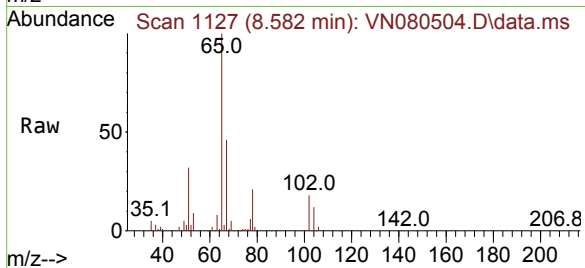
ClientSampleId :

Tgt Ion: 65 Resp: 168026

Ion Ratio Lower Upper

65 100

67 48.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

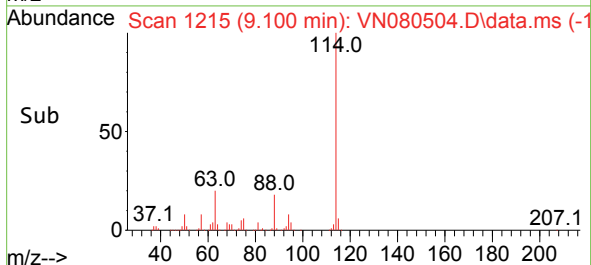
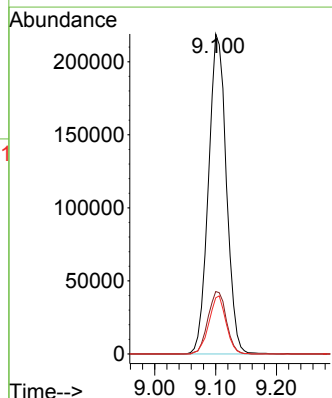
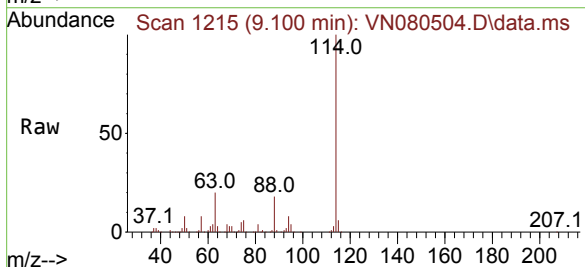
Tgt Ion: 114 Resp: 446822

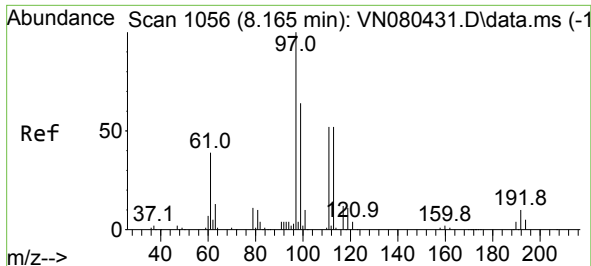
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 17.6 0.0 30.6

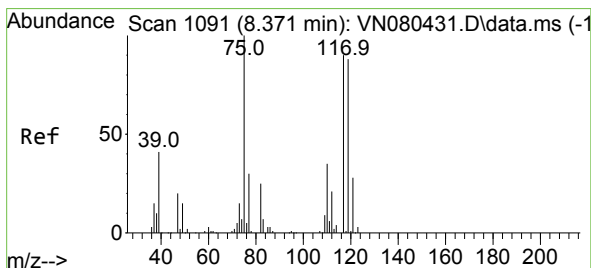
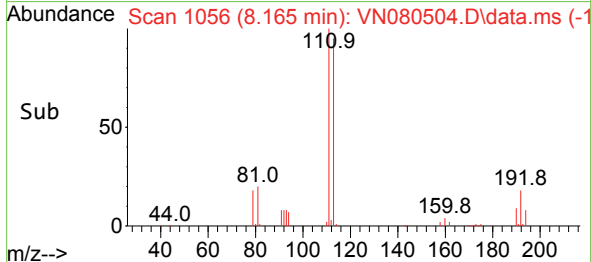
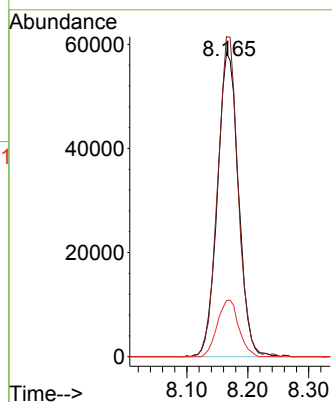
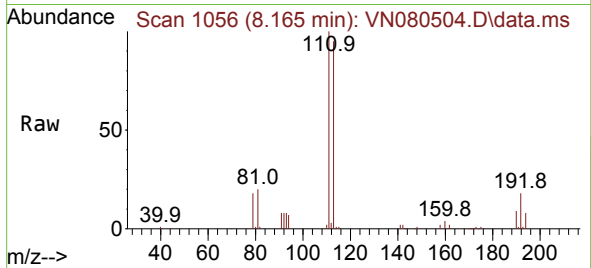




#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

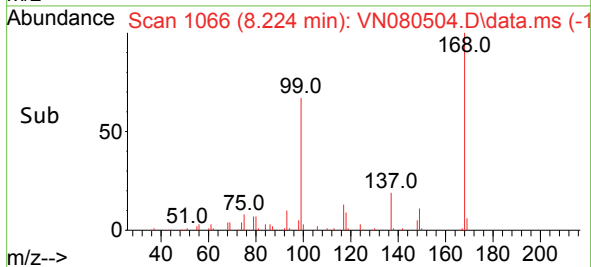
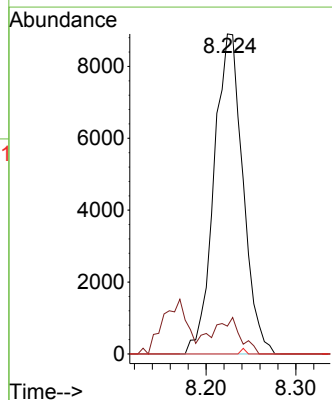
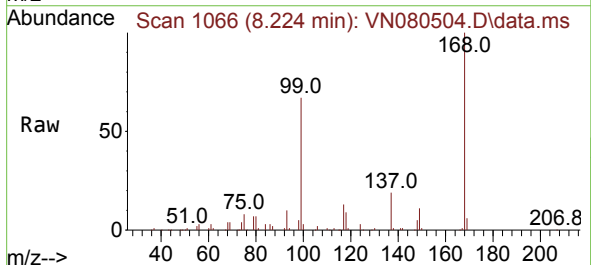
Instrument :
MSVOA_N
ClientSampleId :

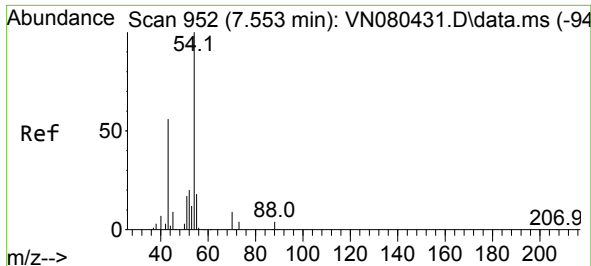
Tgt Ion:113 Resp: 140376
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.297 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 75 Resp: 19904
Ion Ratio Lower Upper
75 100
110 10.5 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.273 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.065 min

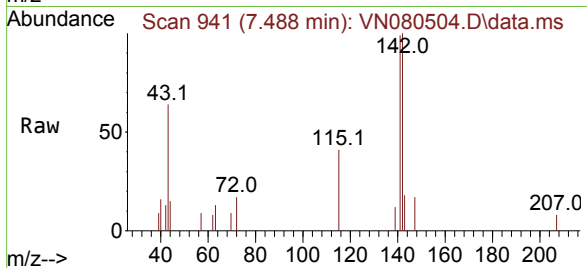
Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :



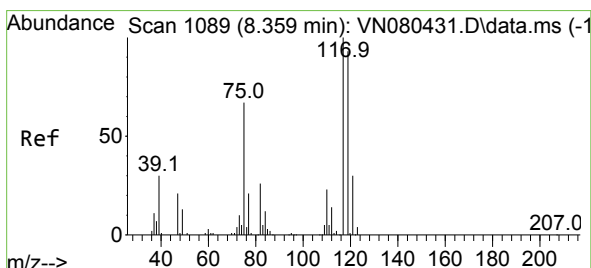
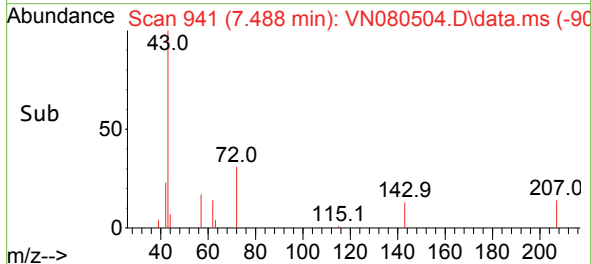
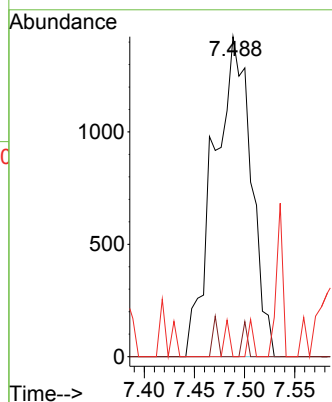
Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

61 1.7 13.2 19.8#

70 1.6 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 4.990 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

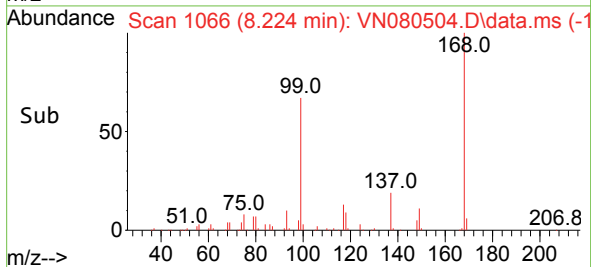
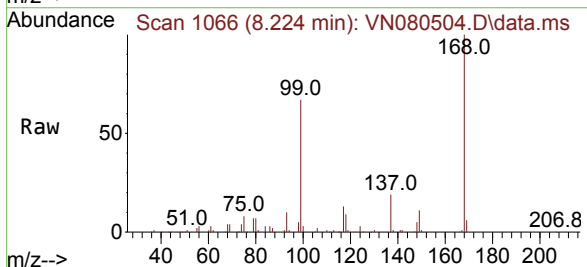
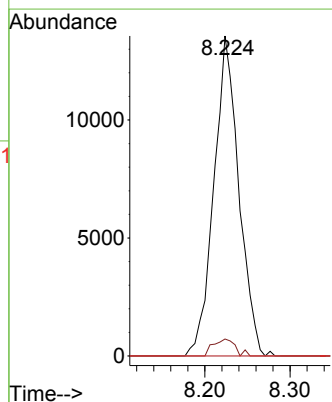
Tgt Ion: 117 Resp: 27618

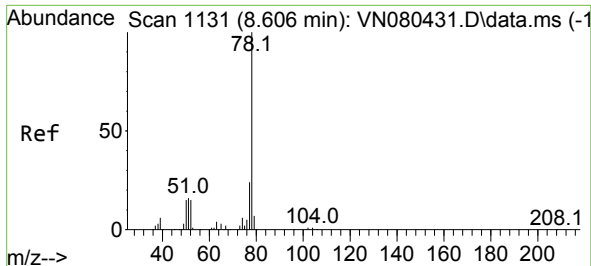
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 23.3 34.9#

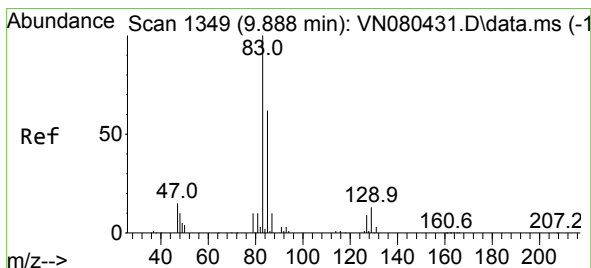
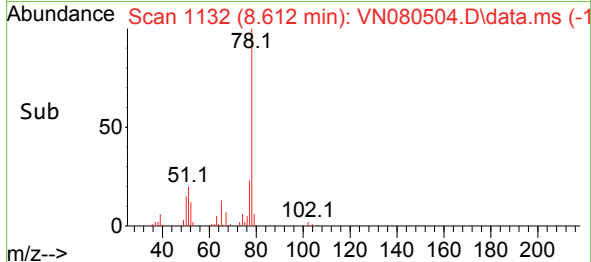
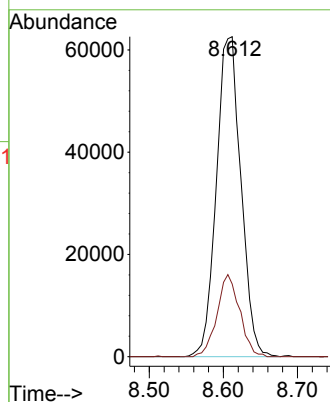
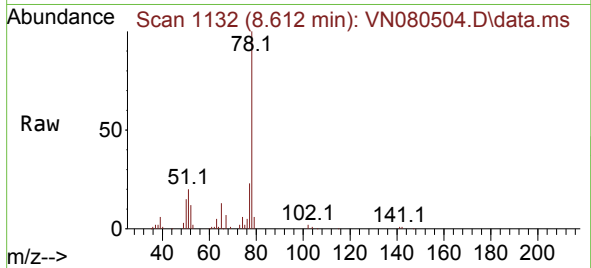




#40
Benzene
Concen: 10.759 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

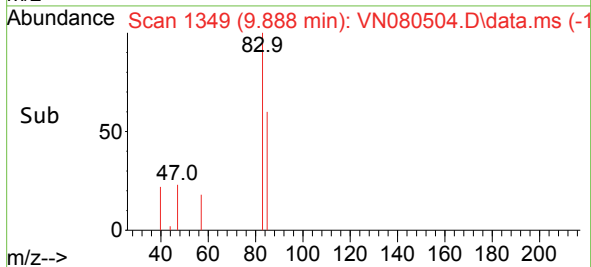
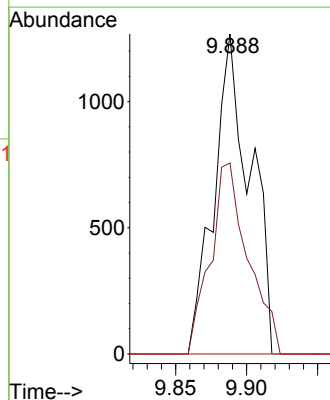
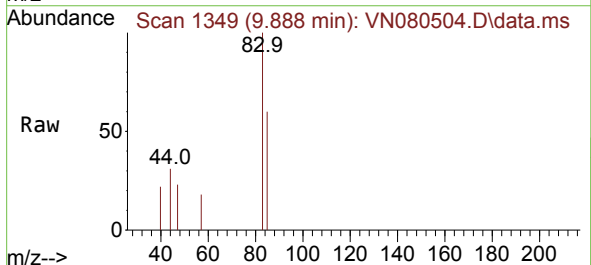
Instrument :
MSVOA_N
ClientSampleId :

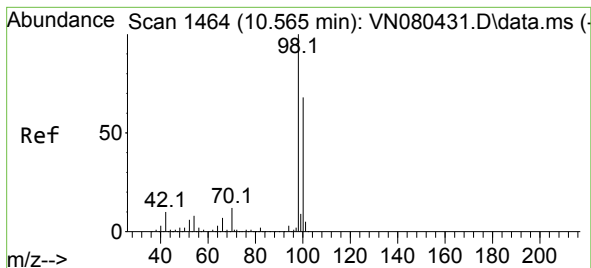
Tgt Ion: 78 Resp: 143916
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



#47
Bromodichloromethane
Concen: 0.467 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 83 Resp: 2256
Ion Ratio Lower Upper
83 100
85 59.7 49.6 74.4
127 0.0 7.0 10.6#





#50

Toluene-d8

Concen: 48.764 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

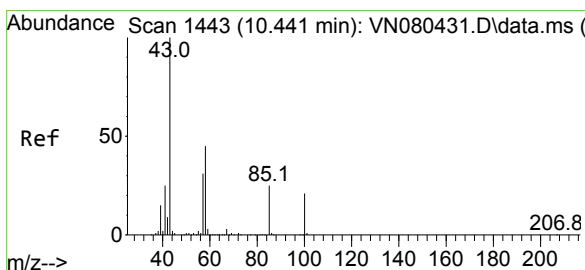
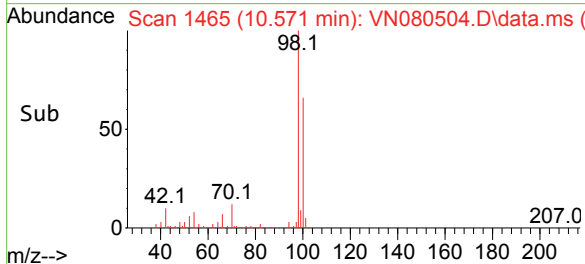
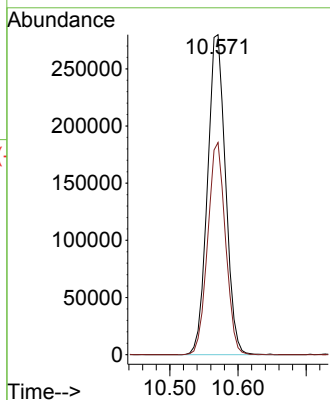
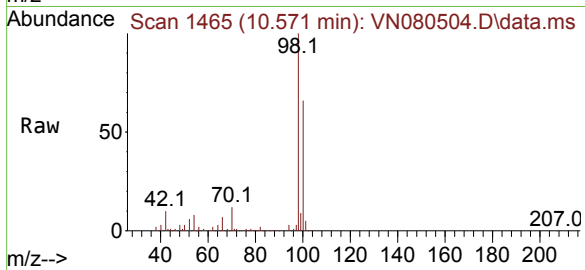
ClientSampleId :

Tgt Ion: 98 Resp: 515228

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.613 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN080504.D

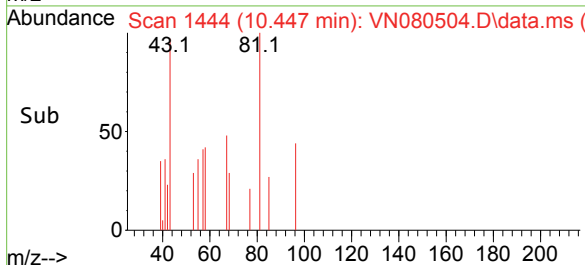
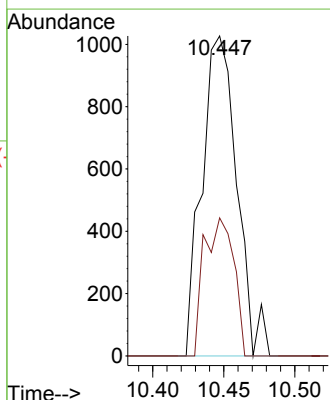
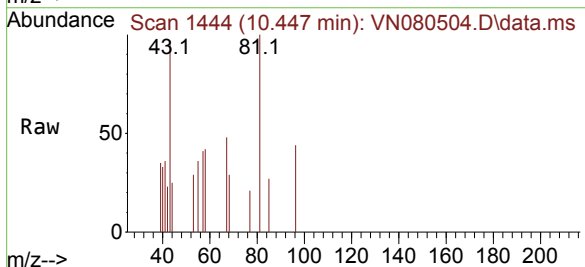
Acq: 15 Dec 2023 15:35

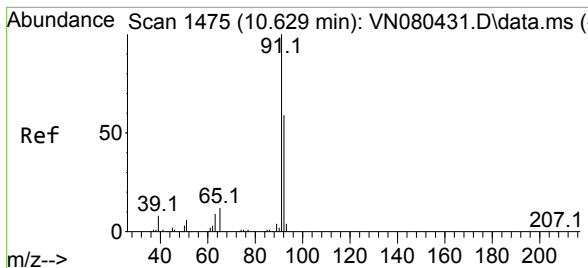
Tgt Ion: 43 Resp: 1760

Ion Ratio Lower Upper

43 100

58 36.6 36.6 54.8





#52

Toluene

Concen: 26.896 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

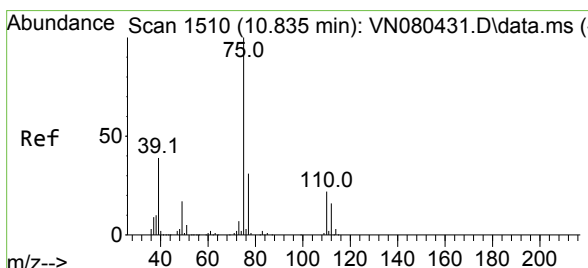
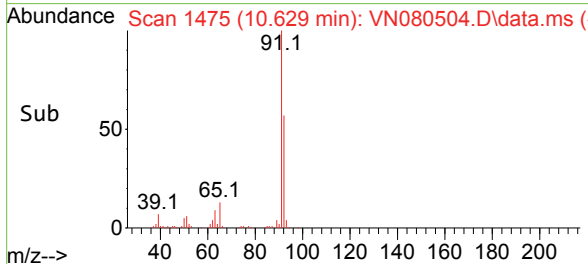
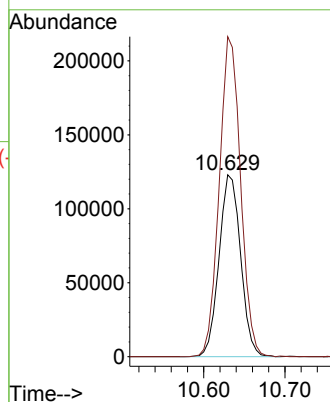
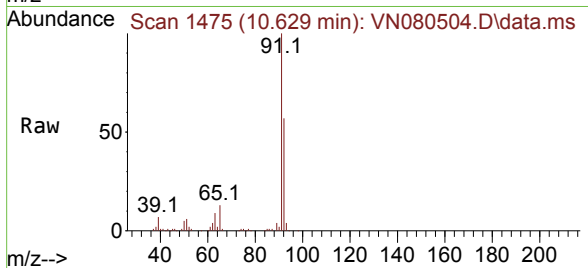
ClientSampleId :

Tgt Ion: 92 Resp: 227276

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.573 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.200 min

Lab File: VN080504.D

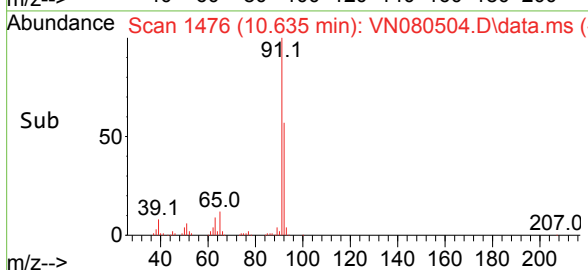
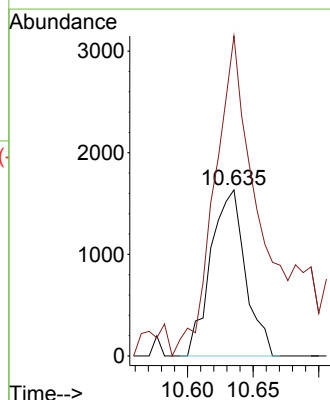
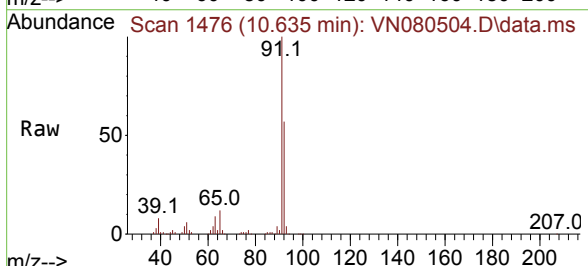
Acq: 15 Dec 2023 15:35

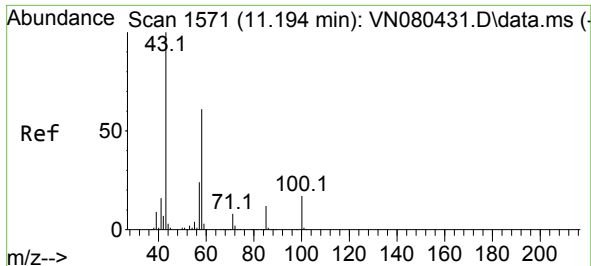
Tgt Ion: 75 Resp: 2999

Ion Ratio Lower Upper

75 100

77 182.9 25.4 38.0#

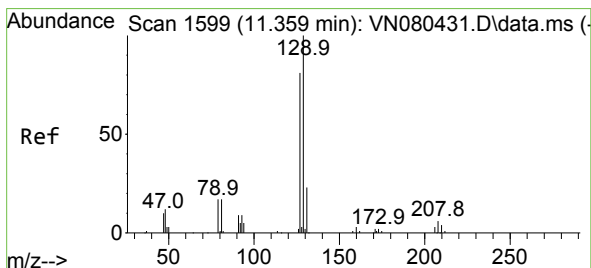
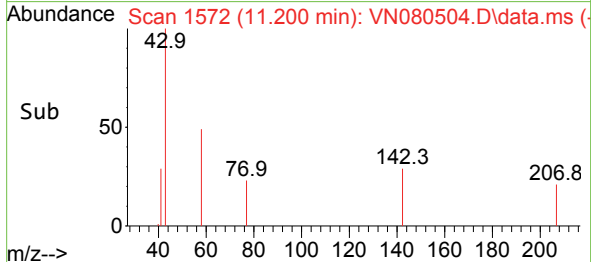
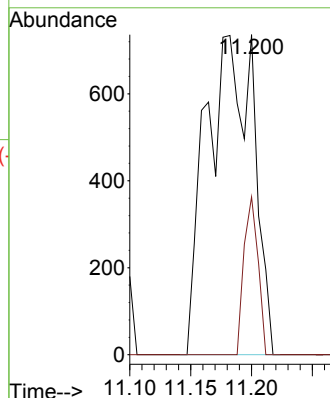
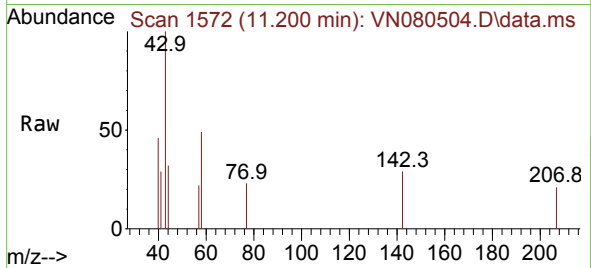




#59
2-Hexanone
Concen: 0.932 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

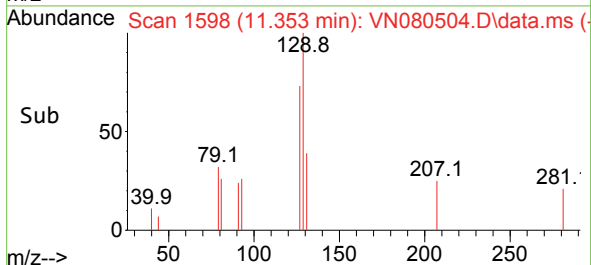
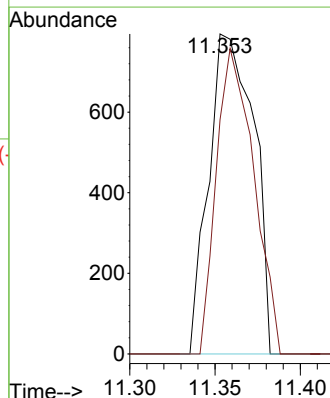
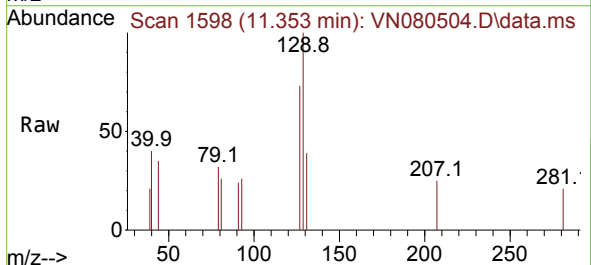
Instrument :
MSVOA_N
ClientSampleId :

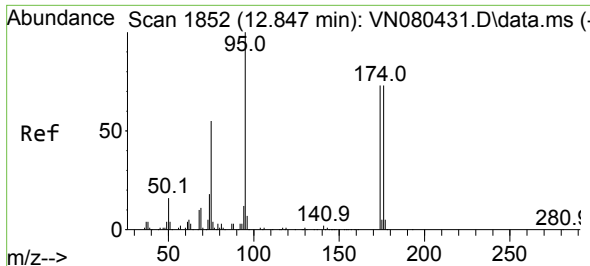
Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
58 14.8 31.7 95.1#



#60
Dibromochloromethane
Concen: 0.403 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 129 Resp: 1453
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0

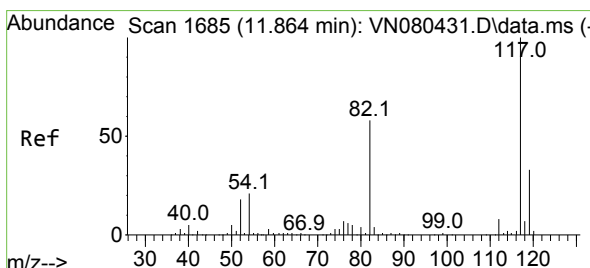
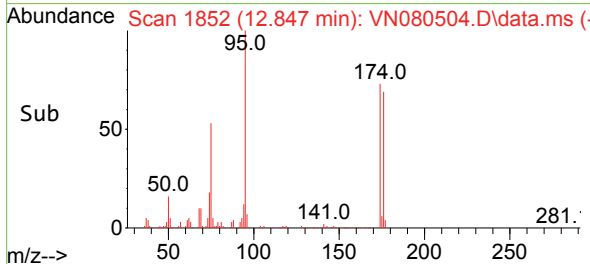
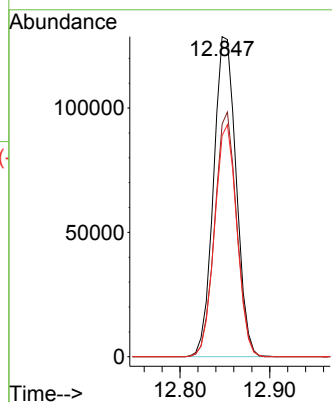
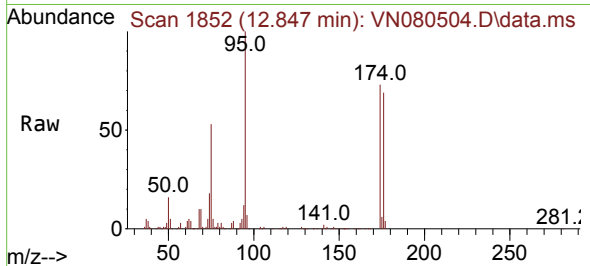




#62
4-Bromofluorobenzene
Concen: 56.060 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

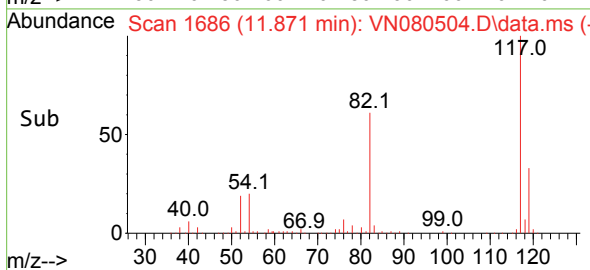
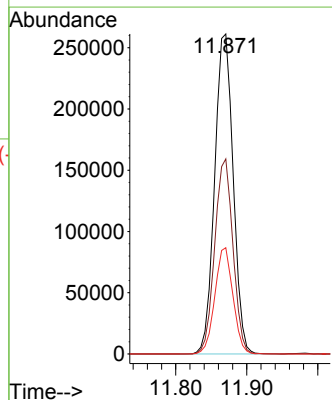
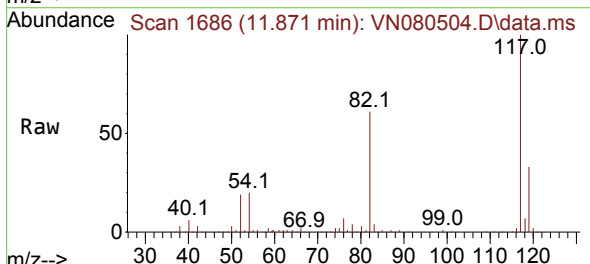
Instrument :
MSVOA_N
ClientSampleId :

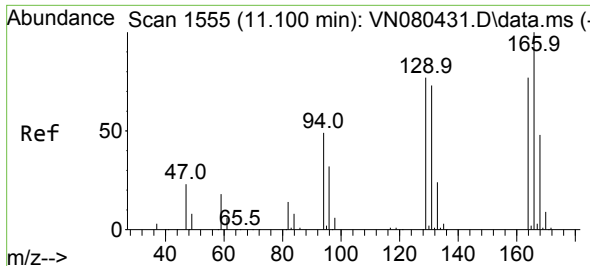
Tgt Ion: 95 Resp: 224918
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

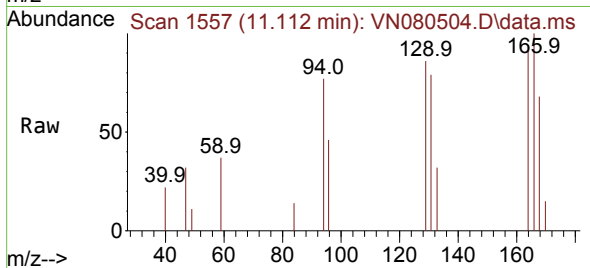
Tgt Ion: 117 Resp: 472133
Ion Ratio Lower Upper
117 100
82 61.0 44.0 66.0
119 33.2 25.6 38.4



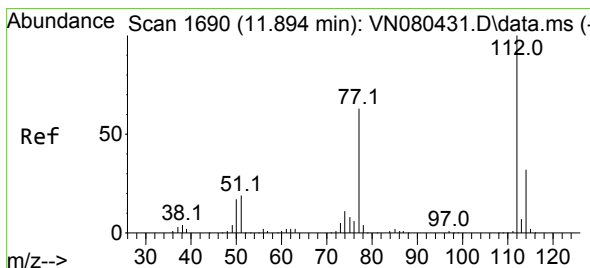
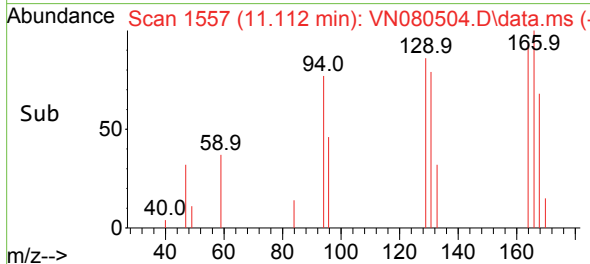
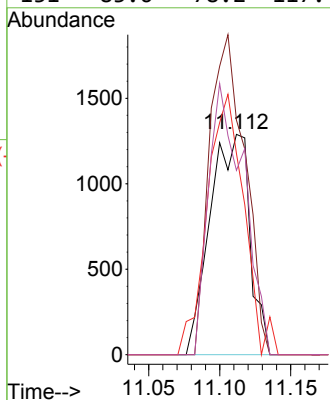


#64
Tetrachloroethene
Concen: 0.689 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :

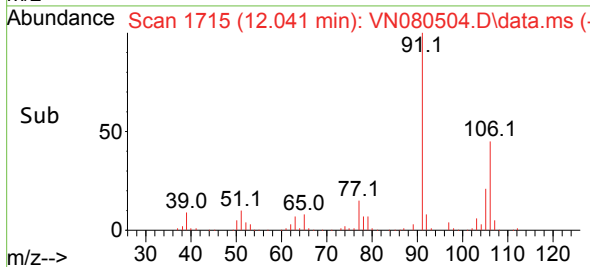
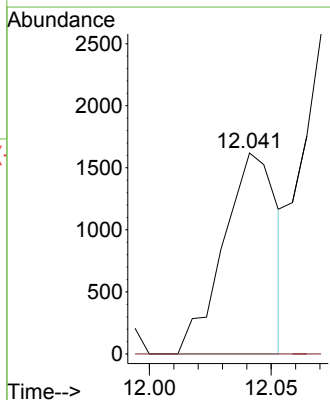
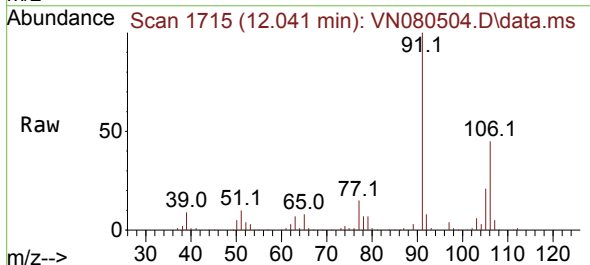


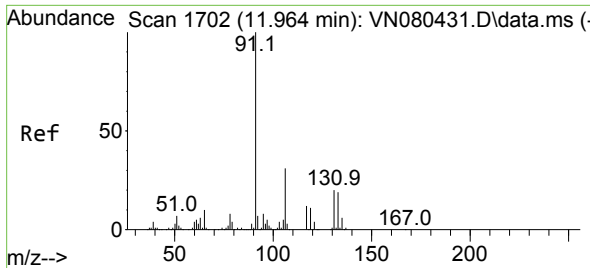
Tgt Ion:164 Resp: 2511
Ion Ratio Lower Upper
164 100
166 106.4 101.4 152.0
129 91.4 82.4 123.6
131 83.6 78.2 117.4



#65
Chlorobenzene
Concen: 0.234 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.147 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion:112 Resp: 2457
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.4#

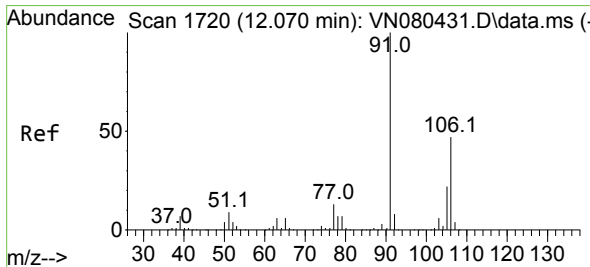
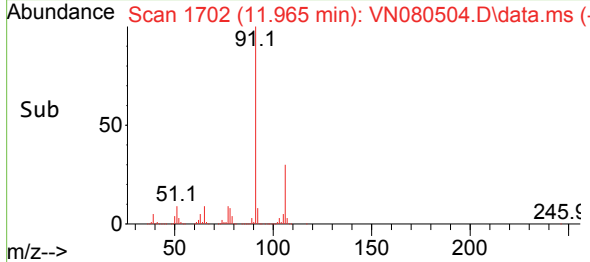
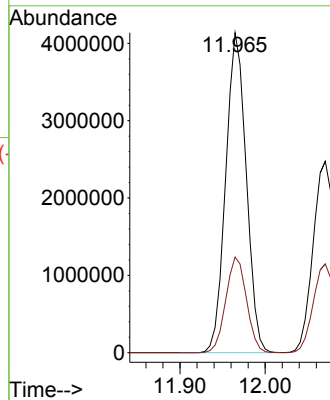
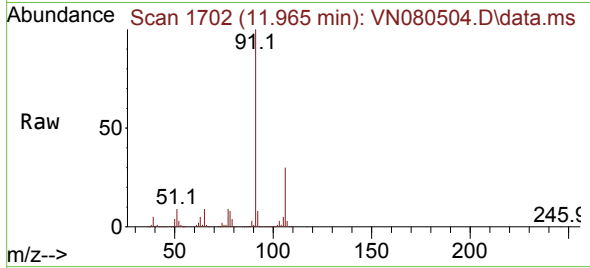




#67
Ethyl Benzene
Concen: 358.926 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

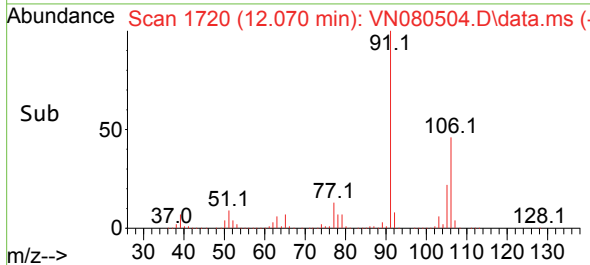
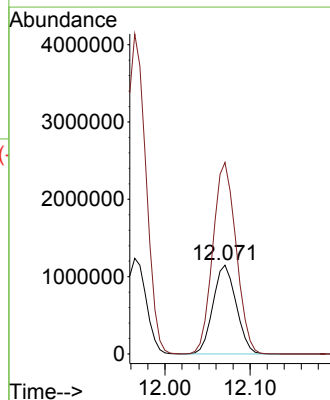
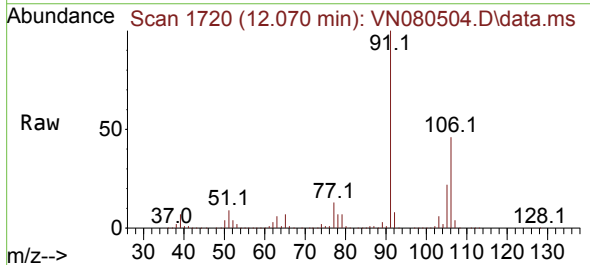
Instrument :
MSVOA_N
ClientSampleId :

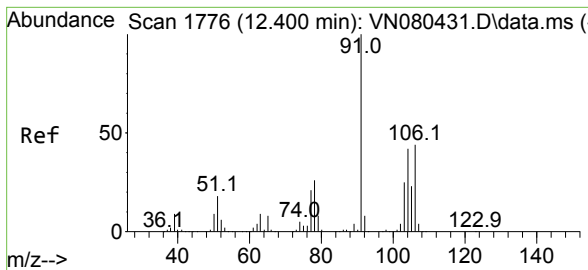
Tgt Ion: 91 Resp: 6931507
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 303.691 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion:106 Resp: 2167185
Ion Ratio Lower Upper
106 100
91 217.2 159.6 239.4

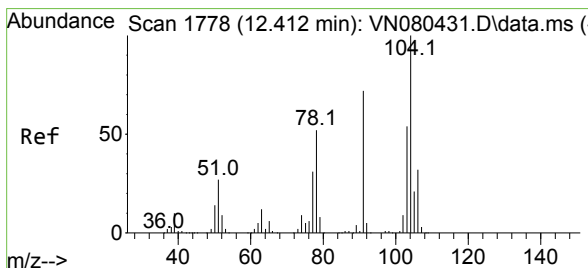
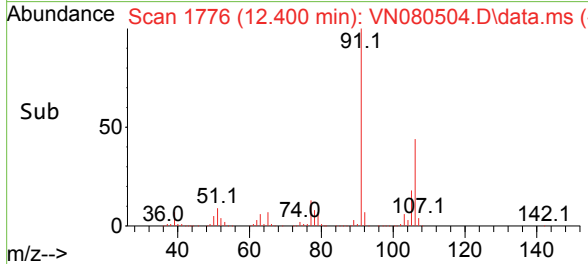
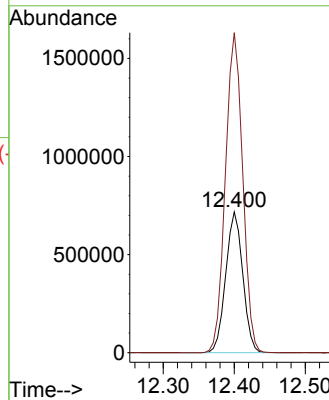
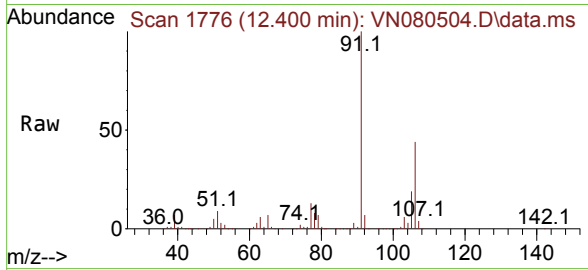




#69
o-Xylene
Concen: 171.313 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

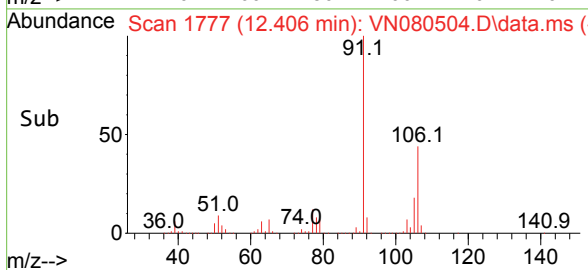
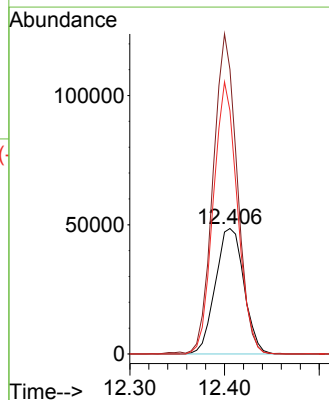
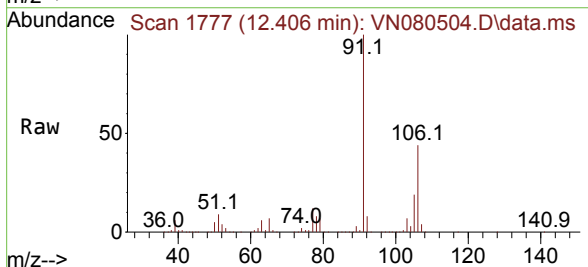
Instrument :
MSVOA_N
ClientSampleId :

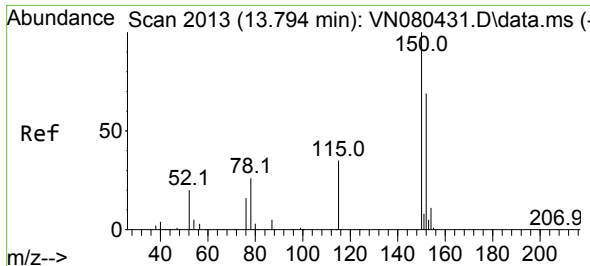
Tgt Ion:106 Resp: 1195757
Ion Ratio Lower Upper
106 100
91 230.2 105.2 315.5



#70
Styrene
Concen: 10.123 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

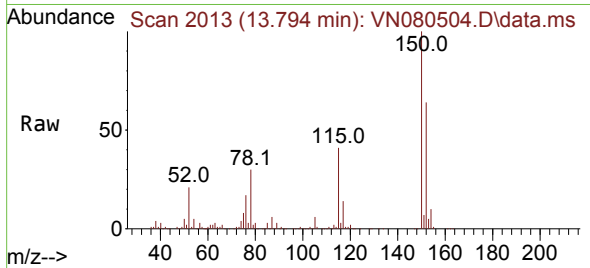
Tgt Ion:104 Resp: 101780
Ion Ratio Lower Upper
104 100
78 215.3 39.5 59.3#
103 183.2 43.2 64.8#



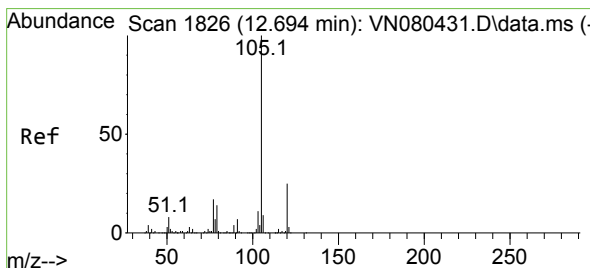
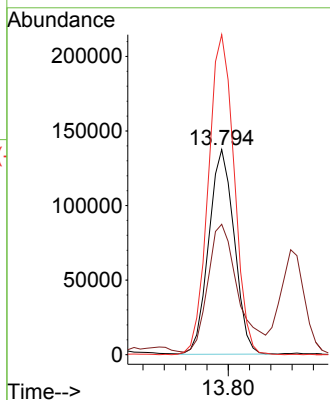
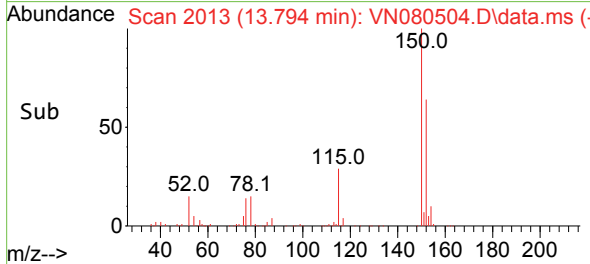


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

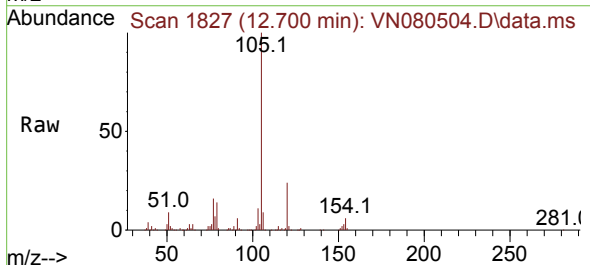
Instrument :
MSVOA_N
ClientSampleId :



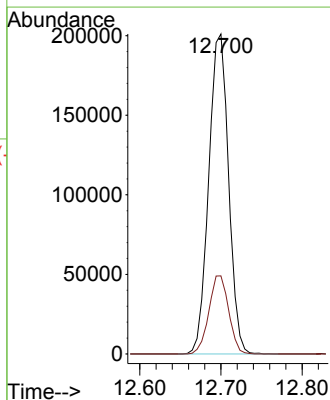
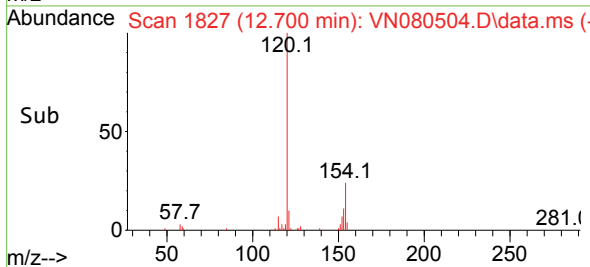
Tgt Ion:152 Resp: 227620
Ion Ratio Lower Upper
152 100
115 74.2 32.3 96.8
150 158.9 0.0 355.8

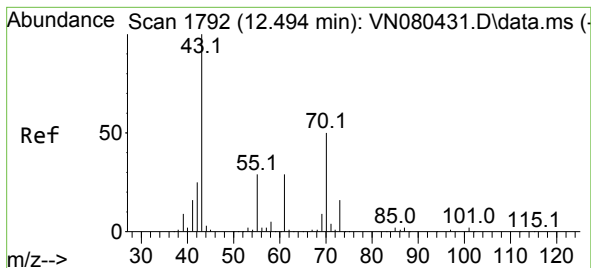


#73
Isopropylbenzene
Concen: 18.638 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35



Tgt Ion:105 Resp: 340805
Ion Ratio Lower Upper
105 100
120 24.4 13.1 39.1





#74

N-amy1 acetate

Concen: 0.287 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.035 min

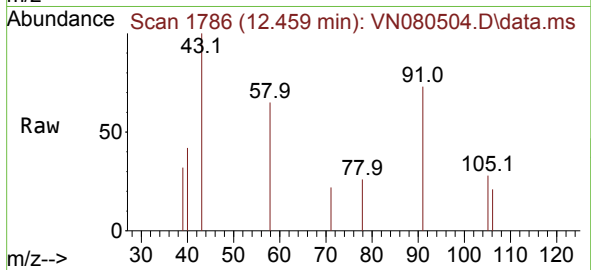
Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 1530

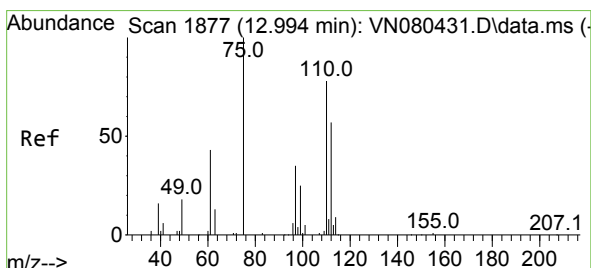
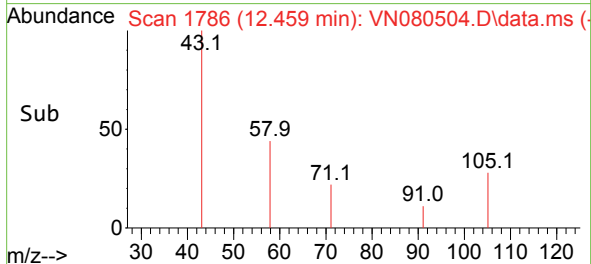
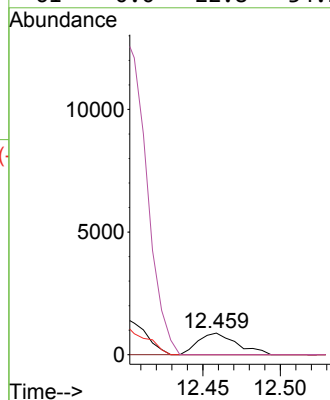
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 3.610 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.106 min

Lab File: VN080504.D

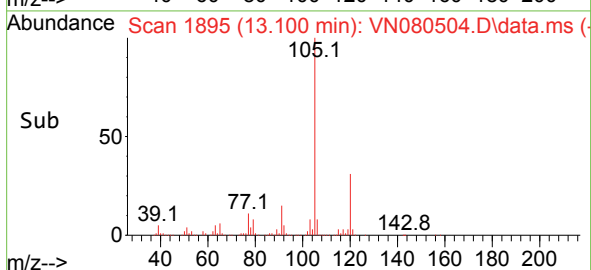
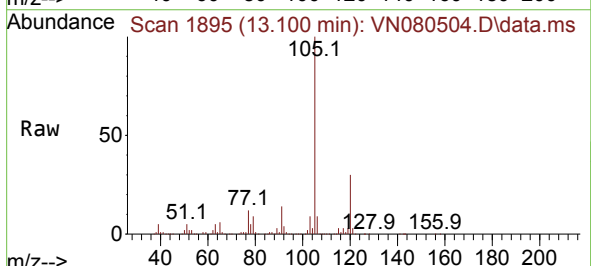
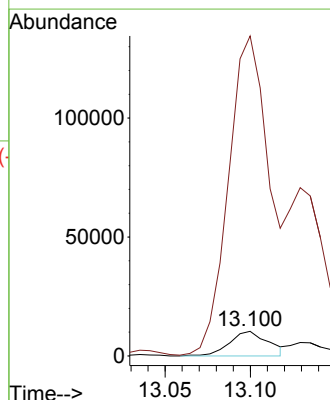
Acq: 15 Dec 2023 15:35

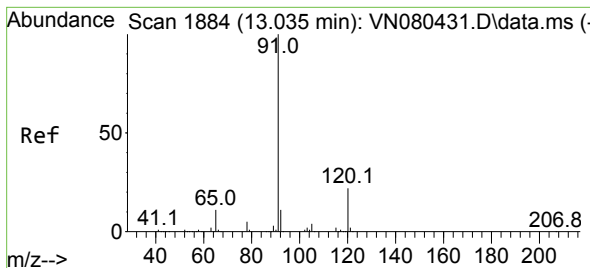
Tgt Ion: 75 Resp: 16391

Ion Ratio Lower Upper

75 100

77 1360.8 84.5 253.5#





#78

n-propylbenzene

Concen: 4.035 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

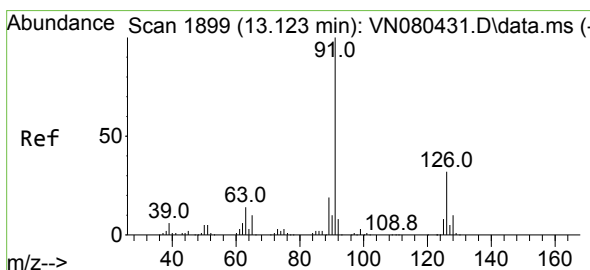
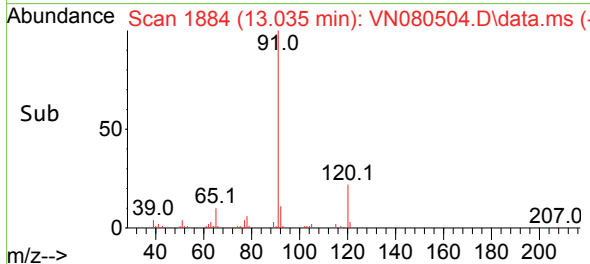
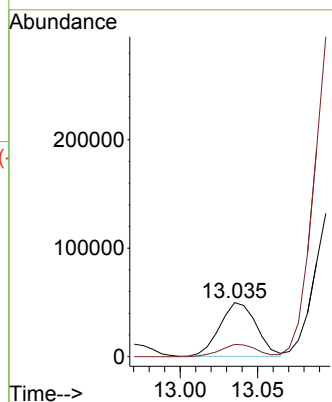
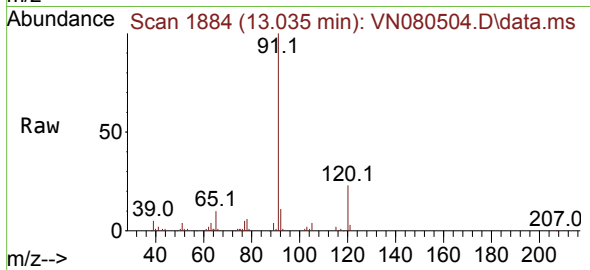
ClientSampleId :

Tgt Ion: 91 Resp: 81344

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 19.400 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.023 min

Lab File: VN080504.D

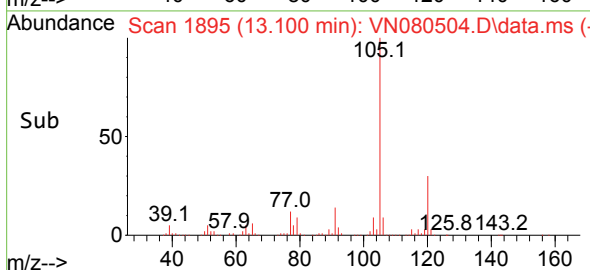
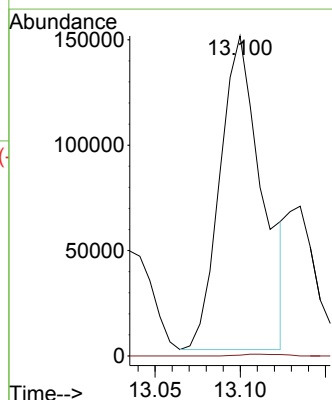
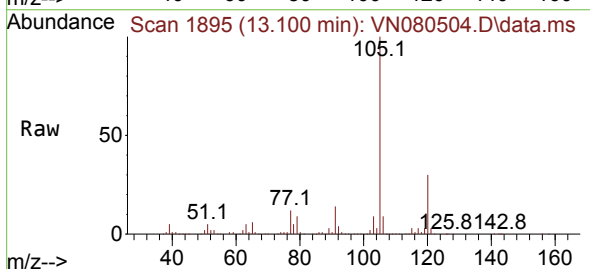
Acq: 15 Dec 2023 15:35

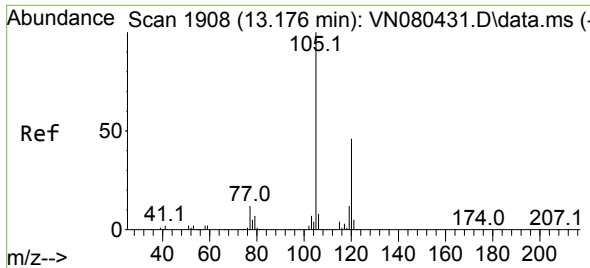
Tgt Ion: 91 Resp: 255341

Ion Ratio Lower Upper

91 100

126 0.6 16.3 48.8#

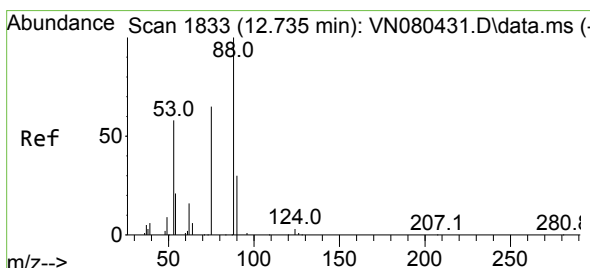
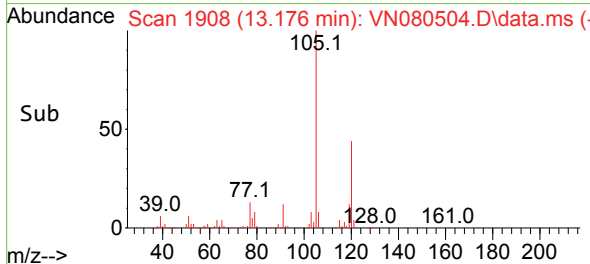
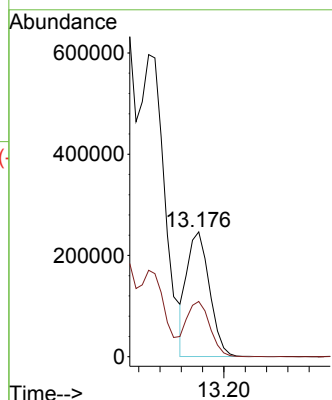
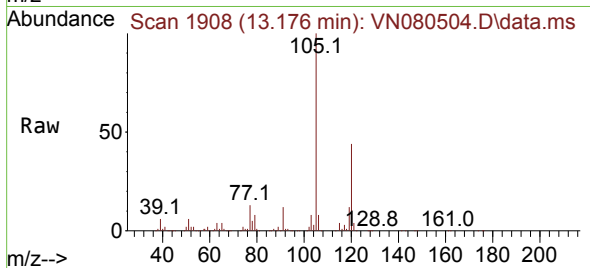




#80
 1,3,5-Trimethylbenzene
 Concen: 22.874 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080504.D
 Acq: 15 Dec 2023 15:35

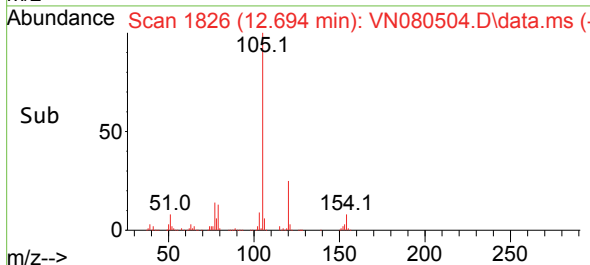
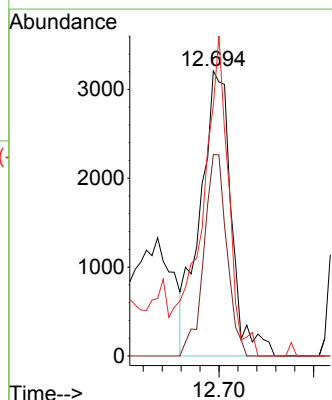
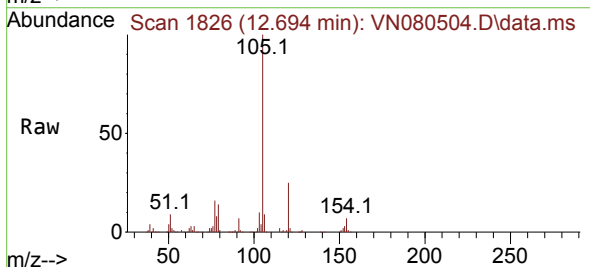
Instrument :
 MSVOA_N
 ClientSampleId :

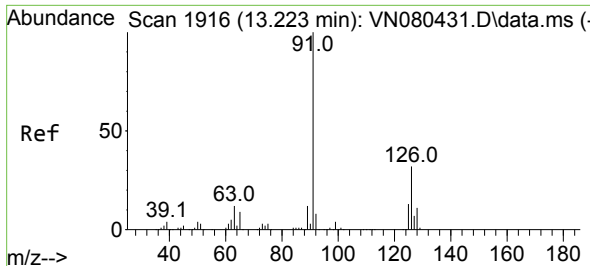
Tgt Ion:105 Resp: 360221
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.234 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.041 min
 Lab File: VN080504.D
 Acq: 15 Dec 2023 15:35

Tgt Ion: 75 Resp: 7322
 Ion Ratio Lower Upper
 75 100
 53 52.0 67.4 101.2#
 89 93.0 38.8 58.2#

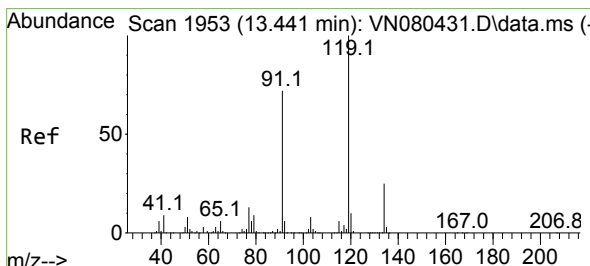
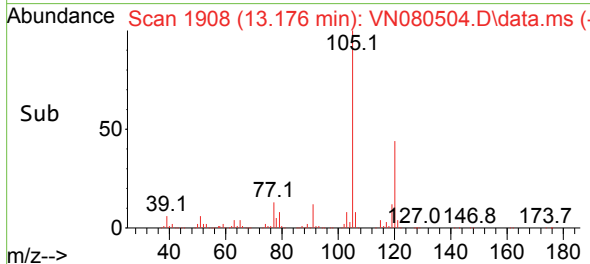
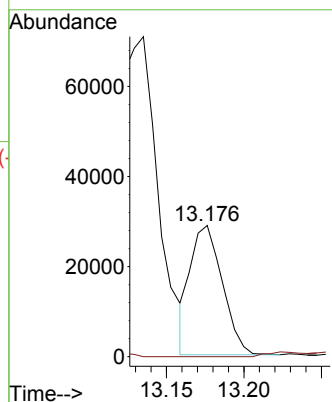
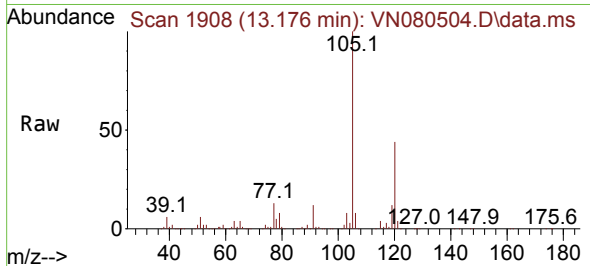




#82
4-Chlorotoluene
Concen: 3.040 ug/l
RT: 13.176 min Scan# 1916
Delta R.T. -0.047 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

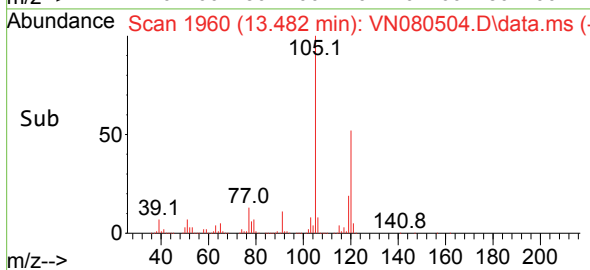
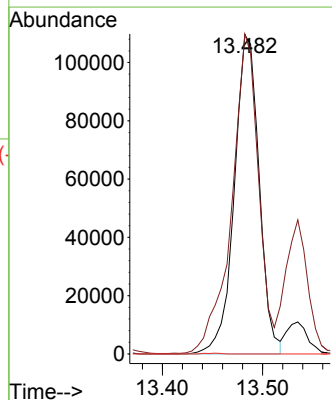
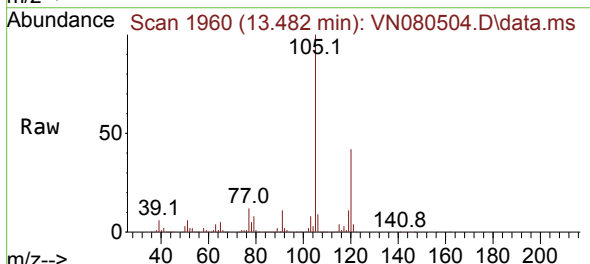
Instrument :
MSVOA_N
ClientSampleId :

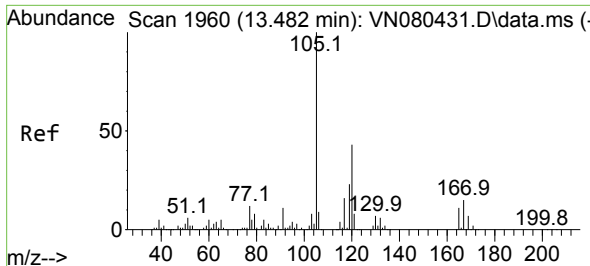
Tgt Ion: 91 Resp: 41123
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 14.629 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN080504.D
Acq: 15 Dec 2023 15:35

Tgt Ion: 119 Resp: 188668
Ion Ratio Lower Upper
119 100
91 108.4 33.9 101.7#
134 0.0 13.2 39.6#

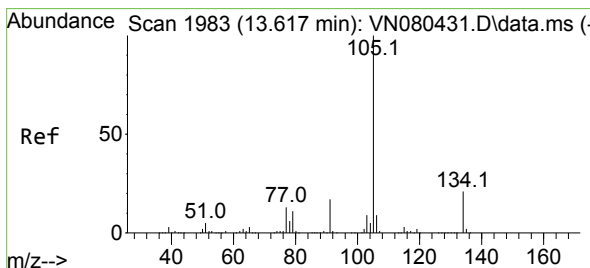
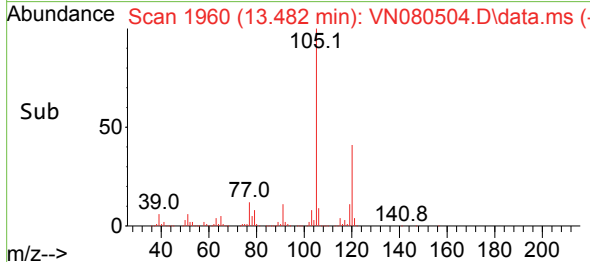
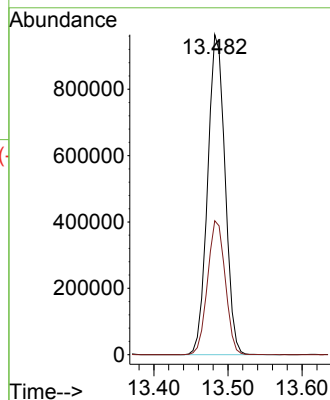
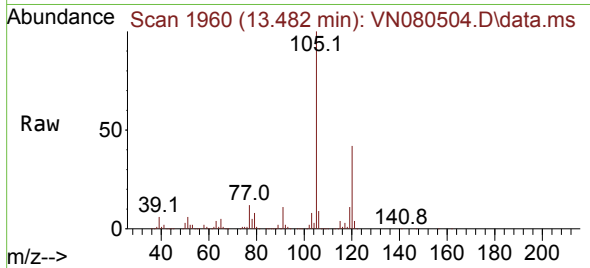




#84
 1,2,4-Trimethylbenzene
 Concen: 100.330 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080504.D
 Acq: 15 Dec 2023 15:35

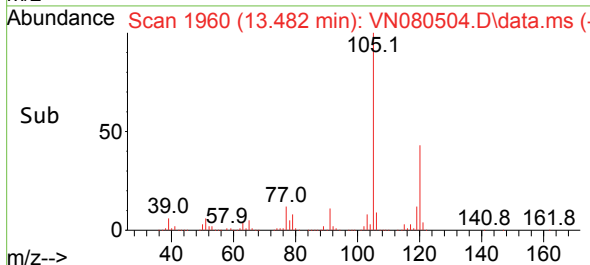
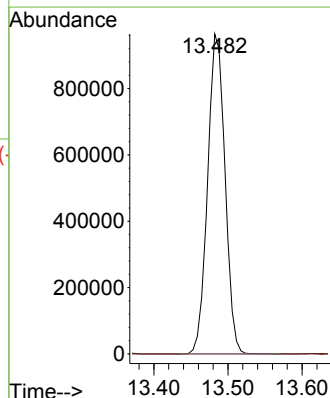
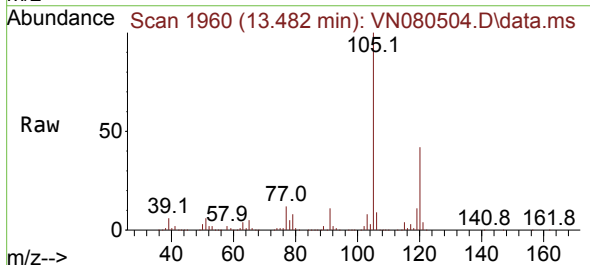
Instrument :
 MSVOA_N
 ClientSampleId :

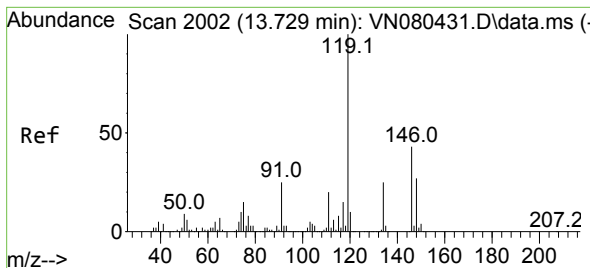
Tgt Ion:105 Resp: 1571843
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 95.274 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN080504.D
 Acq: 15 Dec 2023 15:35

Tgt Ion:105 Resp: 1571843
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#

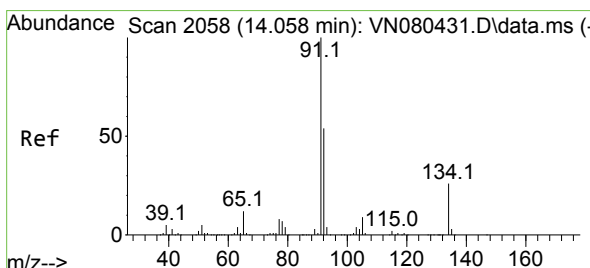
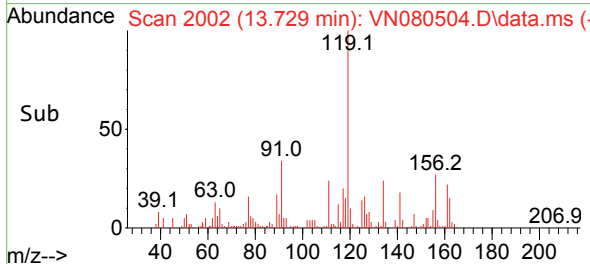
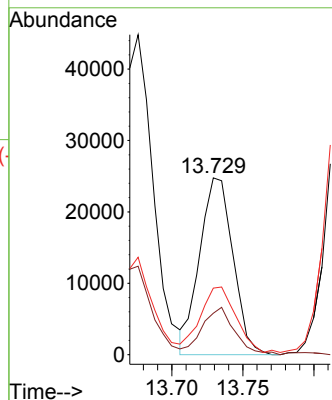
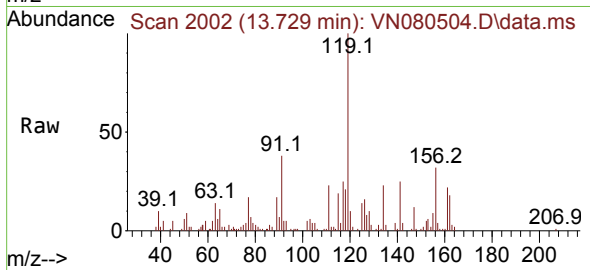




#86
 p-Isopropyltoluene
 Concen: 2.712 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080504.D
 Acq: 15 Dec 2023 15:35

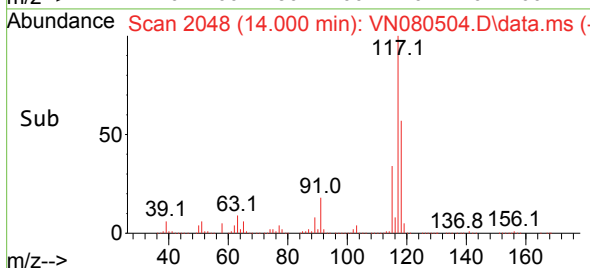
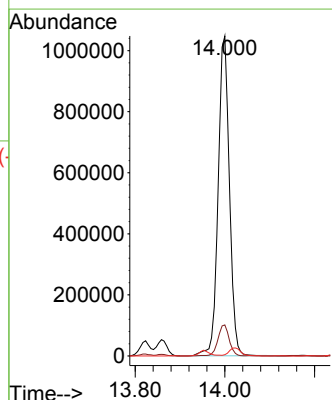
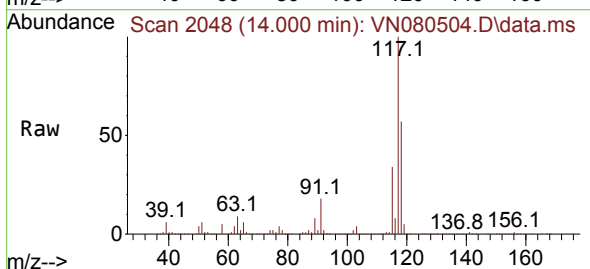
Instrument :
 MSVOA_N
 ClientSampleId :

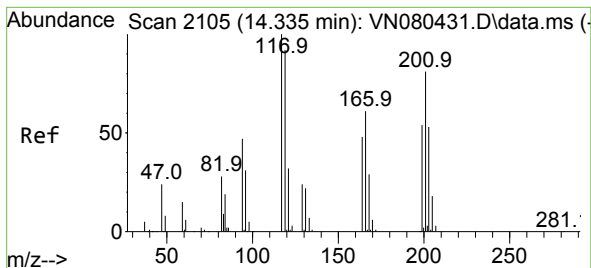
Tgt Ion:119 Resp: 40394
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 0.0 12.4 37.2#



#89
 n-Butylbenzene
 Concen: 146.738 ug/l
 RT: 14.000 min Scan# 2048
 Delta R.T. -0.059 min
 Lab File: VN080504.D
 Acq: 15 Dec 2023 15:35

Tgt Ion: 91 Resp: 1825463
 Ion Ratio Lower Upper
 91 100
 92 9.8 26.4 79.0#
 134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 12.140 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Instrument :

MSVOA_N

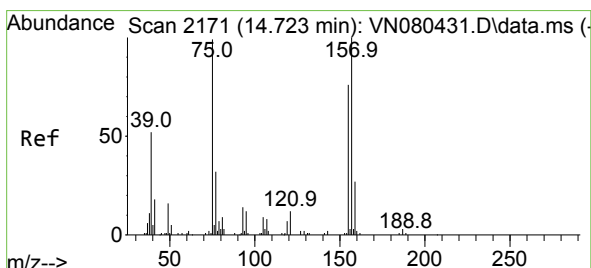
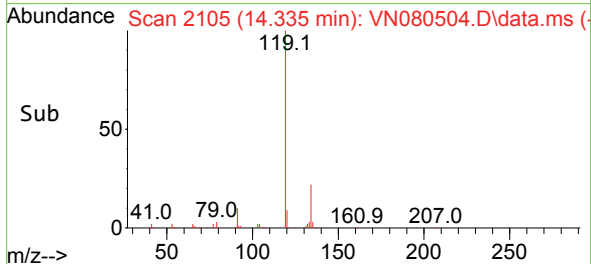
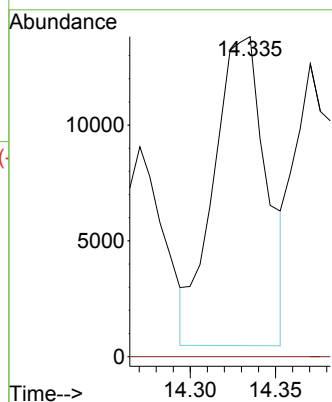
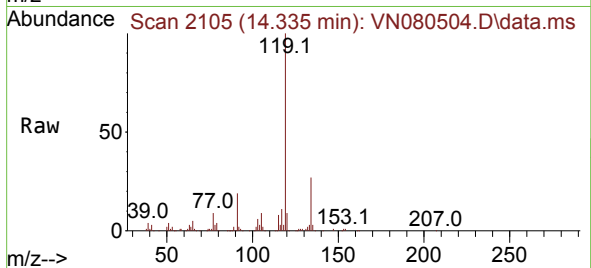
ClientSampleId :

Tgt Ion:117 Resp: 28720

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.331 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080504.D

Acq: 15 Dec 2023 15:35

Tgt Ion: 75 Resp: 2402

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#

