

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081132.D
 Acq On : 22 Feb 2024 14:00
 Operator : JC\MD
 Sample : P1546-07 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:24:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	589185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	519456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195130	50.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.000%
35) Dibromofluoromethane	8.171	113	160811	48.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	10.571	98	547668	46.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.853	95	210452	47.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	755	Below Cal	#	43
5) Bromomethane	2.971	94	1508	0.469	ug/l #	63
6) Chloroethane	3.124	64	134	Below Cal	#	42
10) Methyl Iodide	4.606	142	979	0.238	ug/l #	39
13) Acrolein	4.177	56	578	1.518	ug/l #	65
16) Acetone	4.424	43	711	0.468	ug/l #	44
20) Methylene Chloride	5.271	84	1145	Below Cal	#	56
25) 2-Butanone	7.500	43	1494	0.608	ug/l #	51
31) Cyclohexane	8.218	56	9685	1.452	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	25845	4.528	ug/l #	50
38) Carbon Tetrachloride	8.224	117	33517	5.804	ug/l #	18
39) Methylcyclohexane	9.612	83	5001	0.752	ug/l #	73
40) Benzene	8.612	78	24627	1.491	ug/l	96
43) Isopropyl Acetate	8.677	43	2356	0.262	ug/l #	57
52) Toluene	10.635	92	587823	56.201	ug/l	98
53) t-1,3-Dichloropropene	10.624	75	6968	1.099	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	2662	0.662	ug/l #	30
59) 2-Hexanone	11.182	43	2008	0.489	ug/l #	26
67) Ethyl Benzene	11.965	91	490005	24.357	ug/l	99
68) m/p-Xylenes	12.070	106	717240	93.014	ug/l	94
69) o-Xylene	12.400	106	320566	41.939	ug/l	98
70) Styrene	12.400	104	18194	1.502	ug/l #	1
73) Isopropylbenzene	12.700	105	39069	1.994	ug/l	98
74) N-amyl acetate	12.476	43	2138	0.258	ug/l #	52
76) 1,2,3-Trichloropropane	13.094	75	6632	1.304	ug/l #	1
78) n-propylbenzene	13.035	91	171671	7.613	ug/l	99
79) 2-Chlorotoluene	13.100	91	104513	7.556	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	252871	15.921	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	112641	56.995	ug/l #	14
82) 4-Chlorotoluene	13.176	91	26424	1.954	ug/l #	44
83) tert-Butylbenzene	13.482	119	105870	7.709	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	883438	55.820	ug/l	94
85) sec-Butylbenzene	13.482	105	883438	46.273	ug/l #	60
86) p-Isopropyltoluene	13.676	119	26372	1.663	ug/l	89
89) n-Butylbenzene	14.059	91	30194	2.186	ug/l #	67
90) Hexachloroethane	14.335	117	13906	5.305	ug/l #	21

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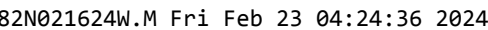
Instrument :
MSVOA_N
ClientSampleId :

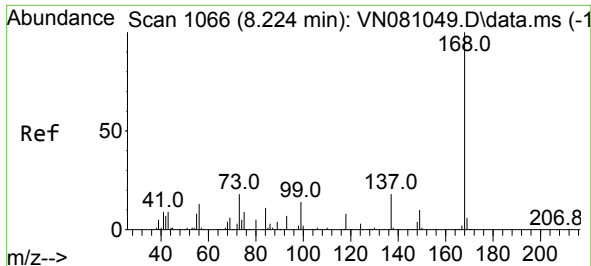
Quant Time: Feb 23 04:24:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.729	75	261	0.228	ug/l	# 25
95) Naphthalene	15.641	128	146676	9.014	ug/l	99

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

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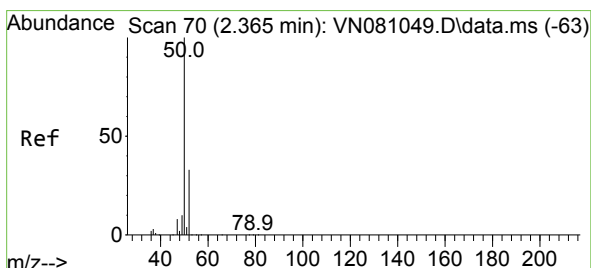
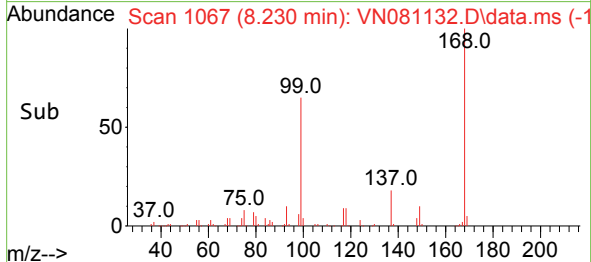
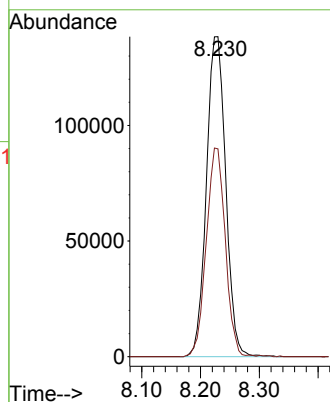
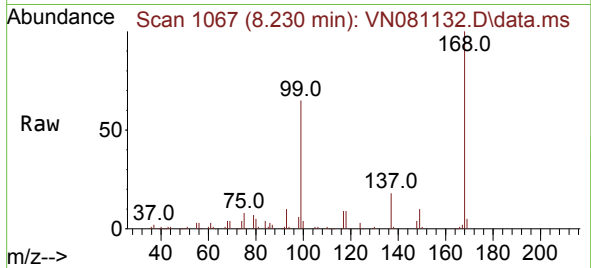




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

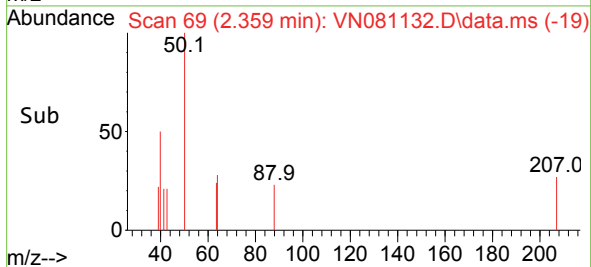
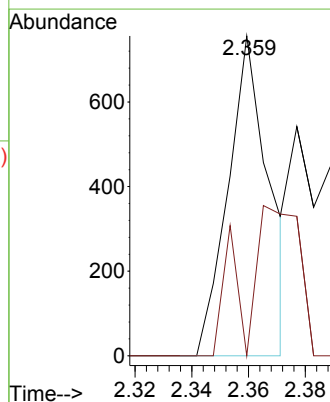
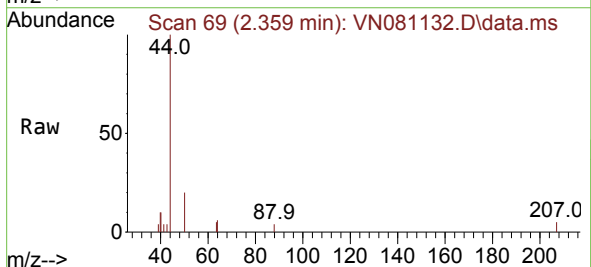
Instrument :
MSVOA_N
ClientSampleId :

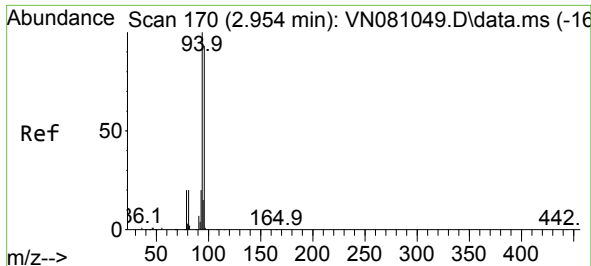
Tgt Ion:168 Resp: 315231
Ion Ratio Lower Upper
168 100
99 64.9 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

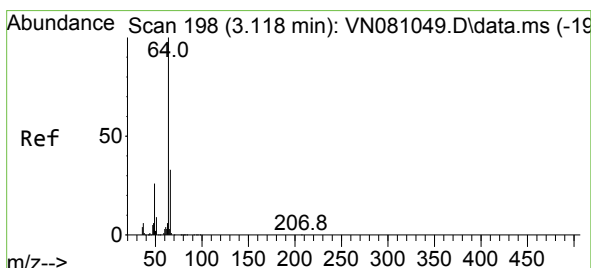
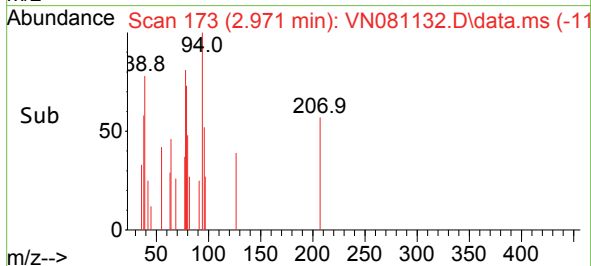
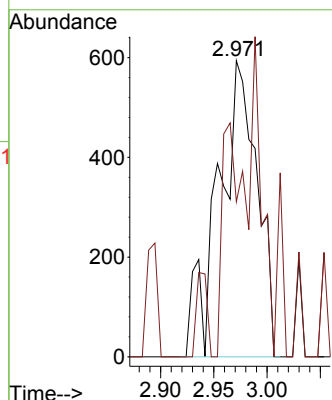
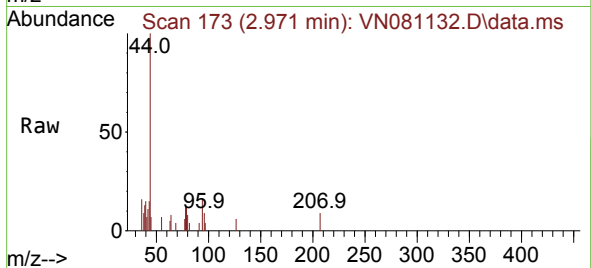




#5
Bromomethane
Concen: 0.469 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

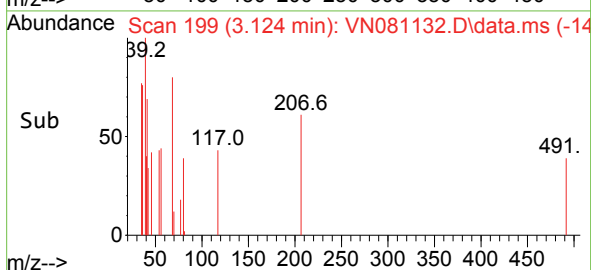
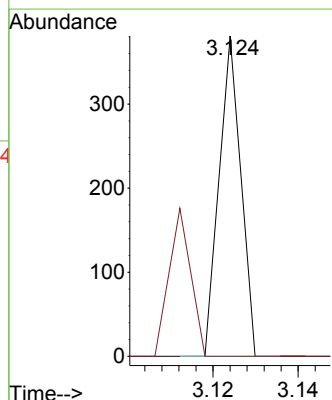
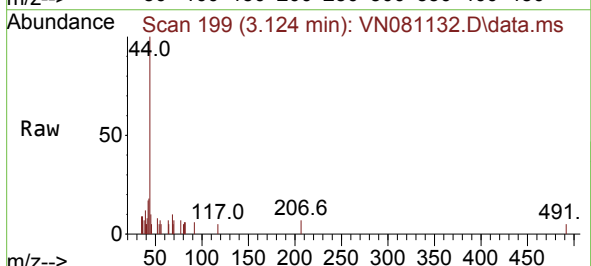
Instrument :
MSVOA_N
ClientSampleId :

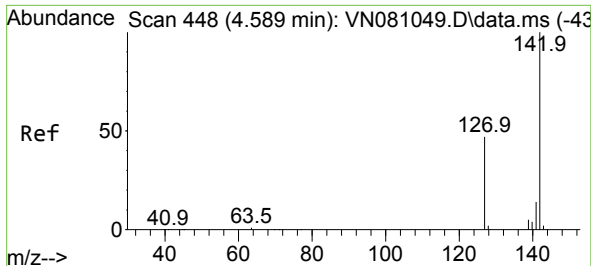
Tgt Ion: 94 Resp: 1508
Ion Ratio Lower Upper
94 100
96 52.4 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

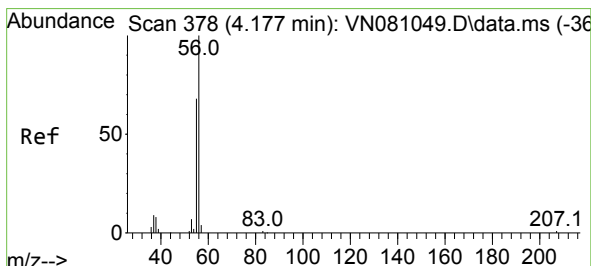
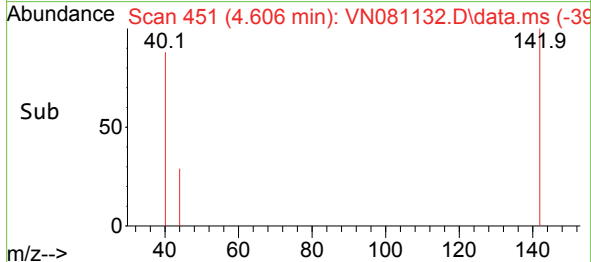
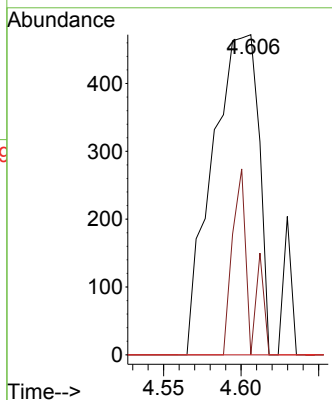
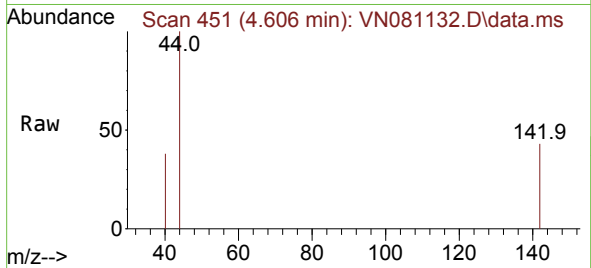




#10
Methyl Iodide
Concen: 0.238 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

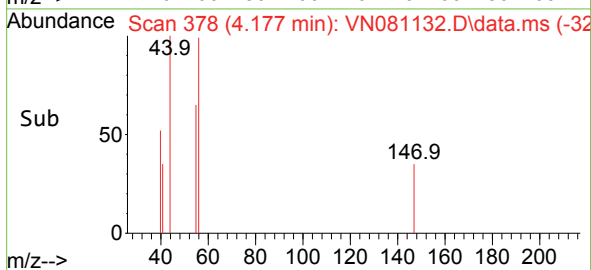
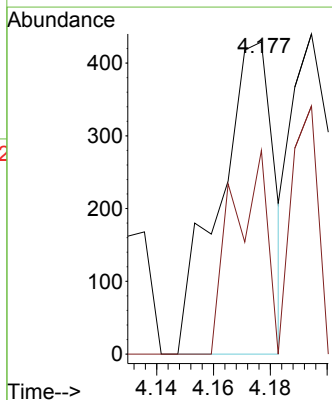
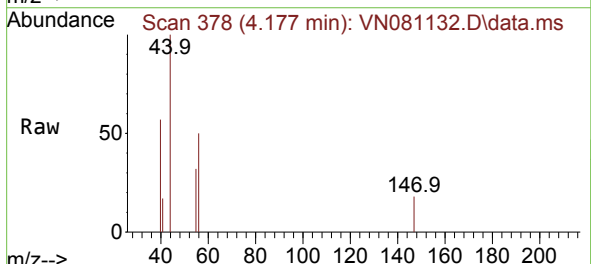
Instrument :
MSVOA_N
ClientSampleId :

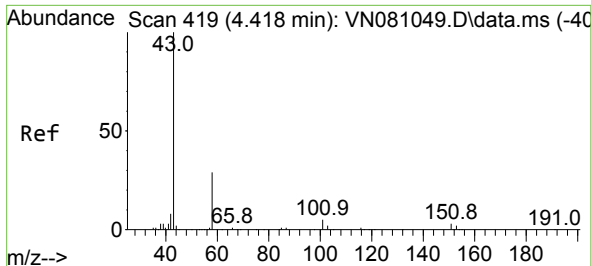
Tgt Ion:142 Resp: 979
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#



#13
Acrolein
Concen: 1.518 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 56 Resp: 578
Ion Ratio Lower Upper
56 100
55 40.8 55.3 82.9#

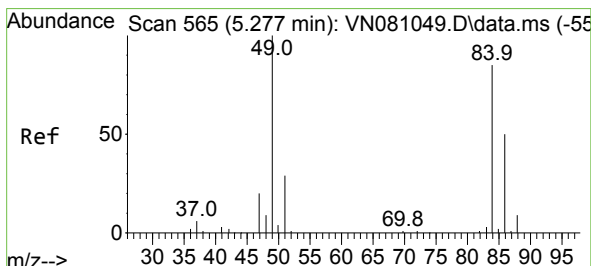
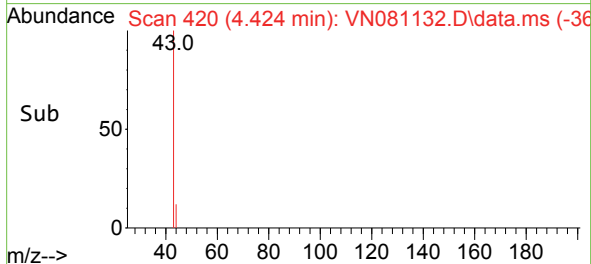
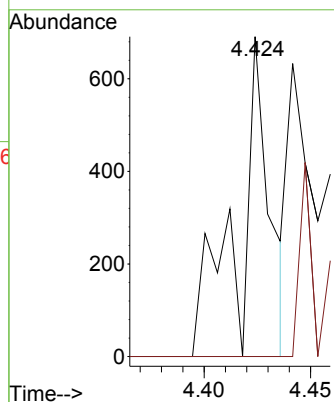
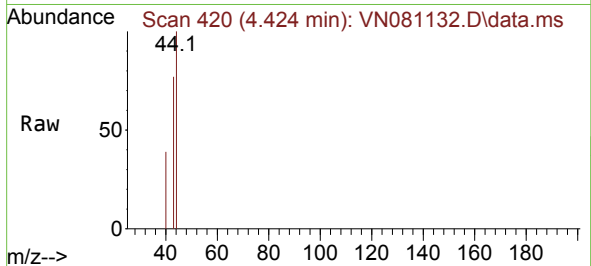




#16
Acetone
Concen: 0.468 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

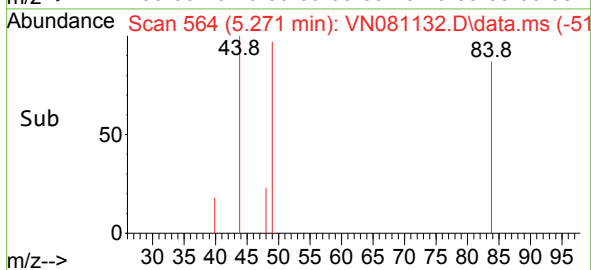
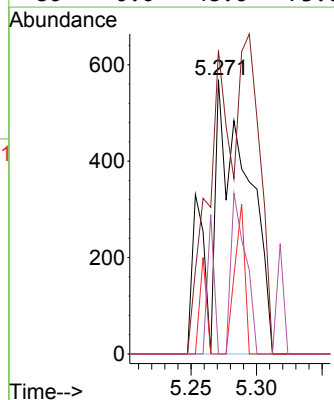
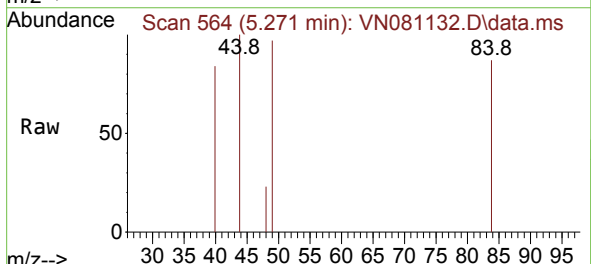
Instrument :
MSVOA_N
ClientSampleId :

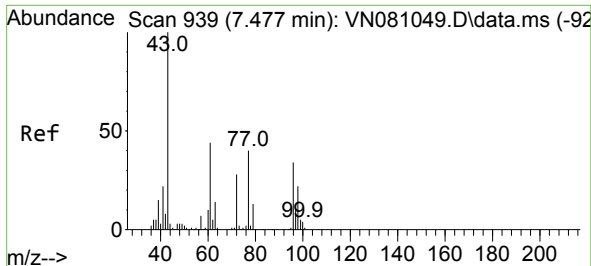
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 84 Resp: 1145
Ion Ratio Lower Upper
84 100
49 110.7 108.1 162.1
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

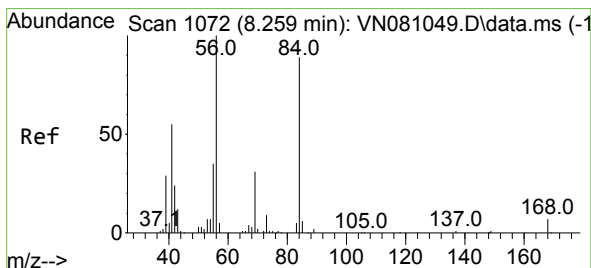
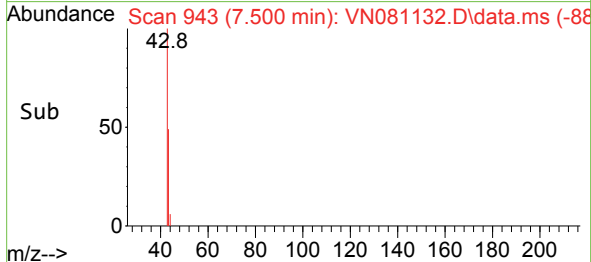
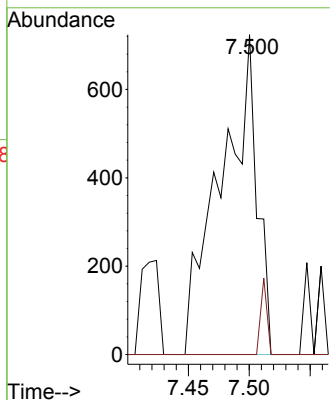
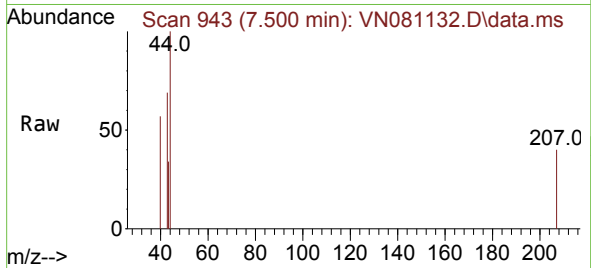




#25
2-Butanone
Concen: 0.608 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.023 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

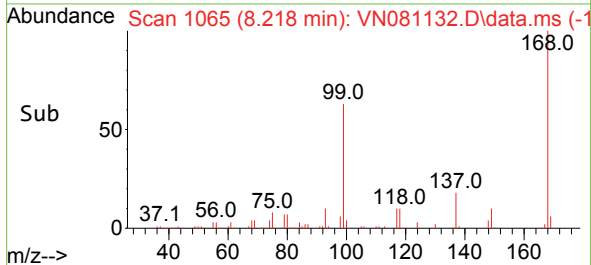
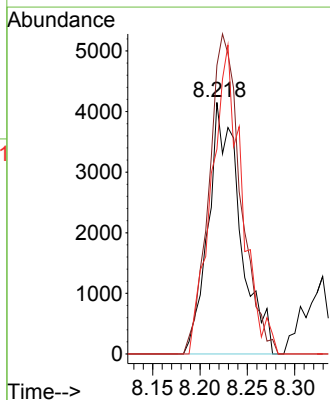
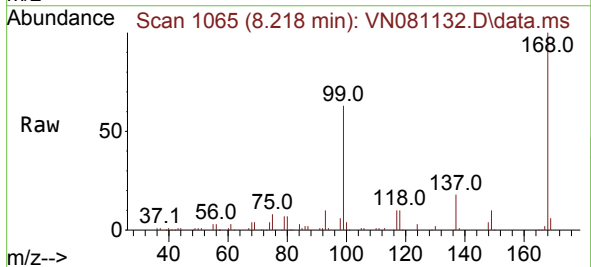
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MSVOA_N
ClientSampleId :

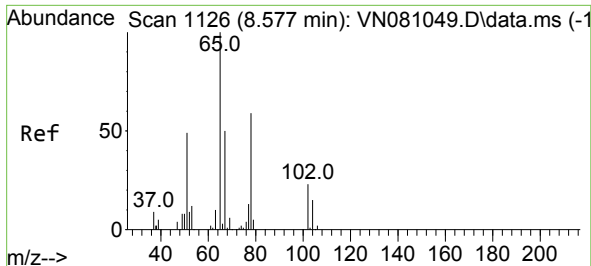
Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.452 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 56 Resp: 9685
Ion Ratio Lower Upper
56 100
69 114.7 20.1 30.1#
84 81.4 56.9 85.3





#33

1,2-Dichloroethane-d4

Concen: 50.501 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

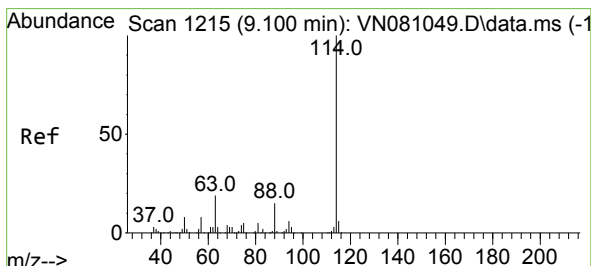
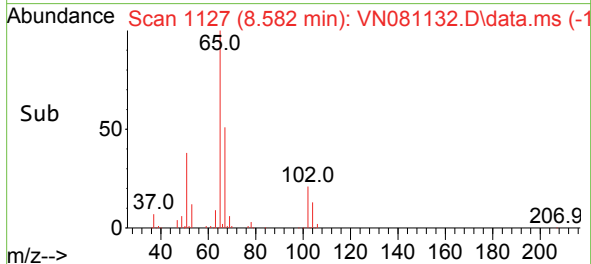
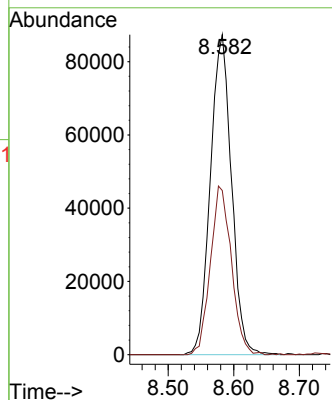
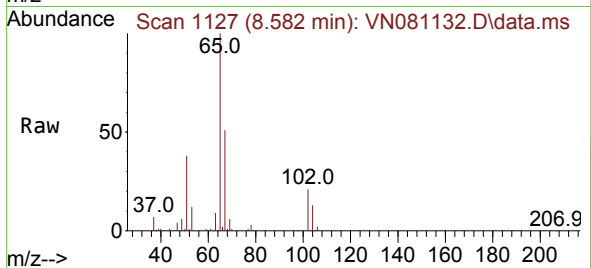
ClientSampleId :

Tgt Ion: 65 Resp: 195130

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

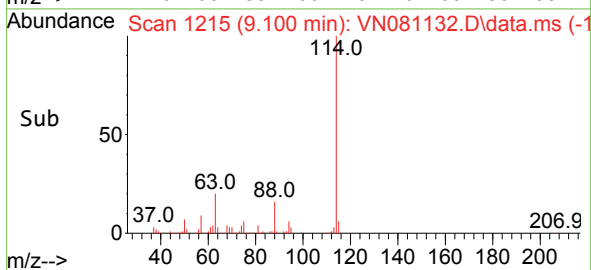
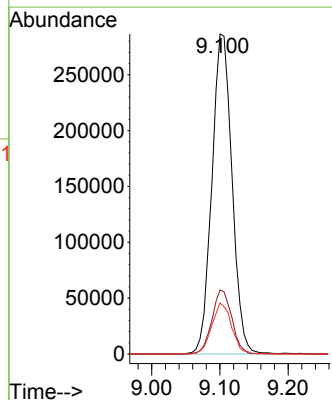
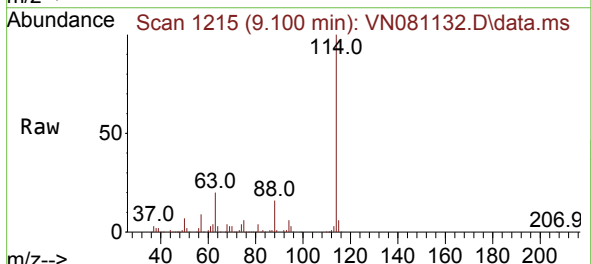
Tgt Ion: 114 Resp: 589185

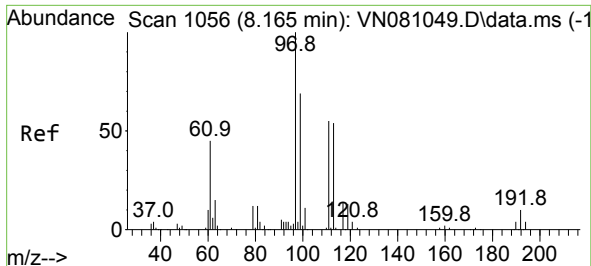
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.268 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

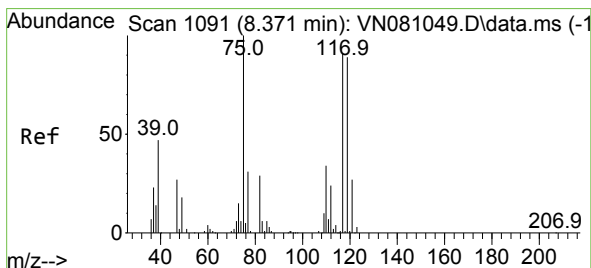
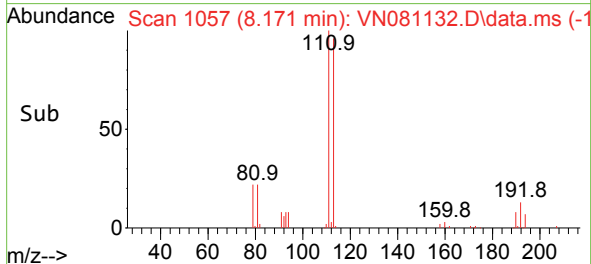
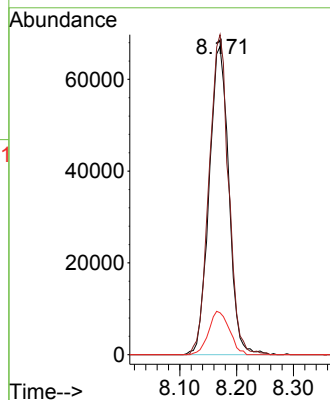
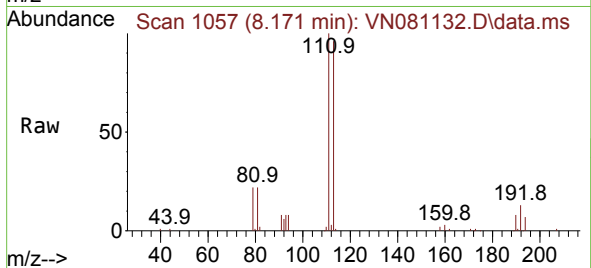
Tgt Ion:113 Resp: 160811

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 14.9 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.528 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

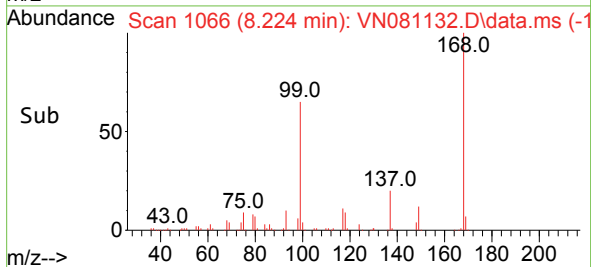
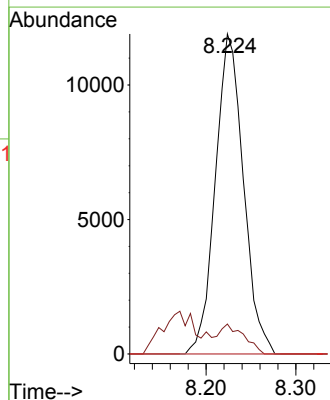
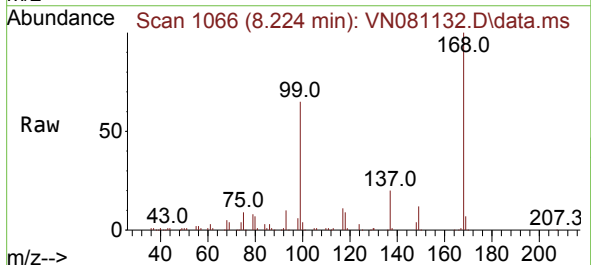
Tgt Ion: 75 Resp: 25845

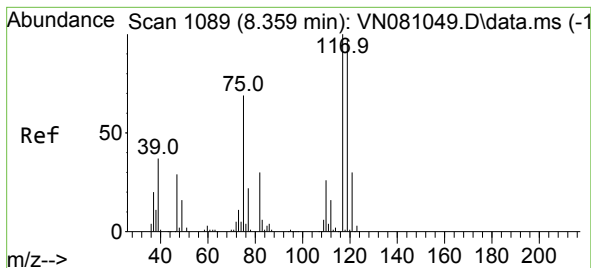
Ion Ratio Lower Upper

75 100

110 8.4 16.0 48.0#

77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.804 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

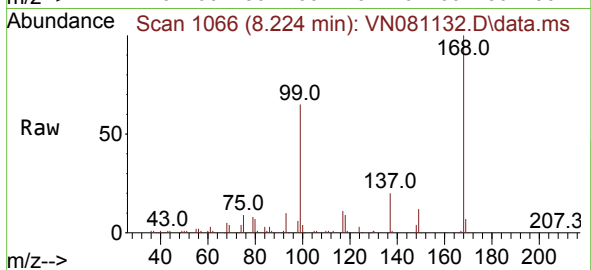
Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :



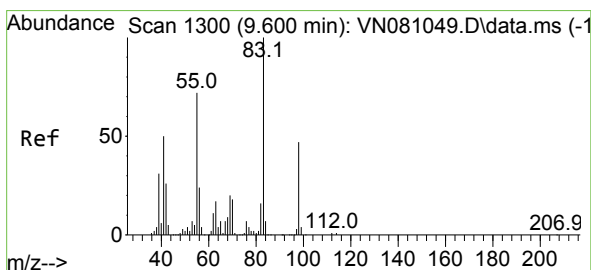
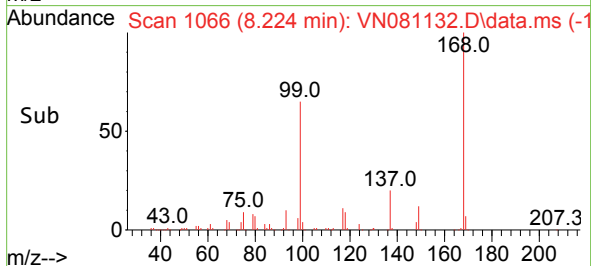
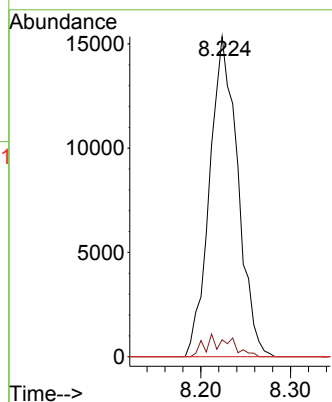
Tgt Ion:117 Resp: 33517

Ion Ratio Lower Upper

117 100

119 5.3 73.4 110.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.752 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.012 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

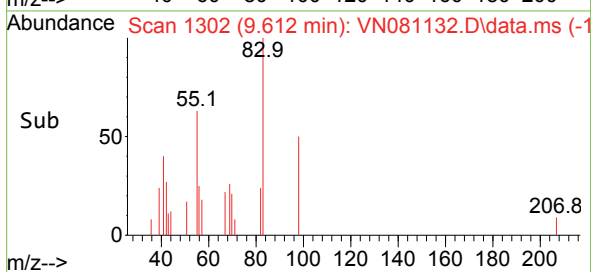
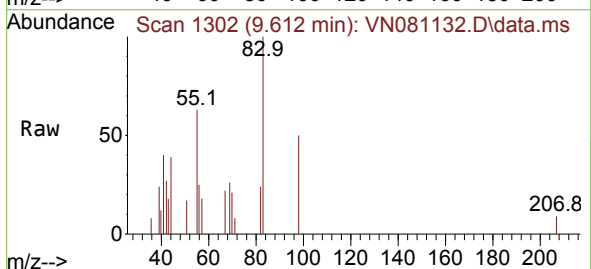
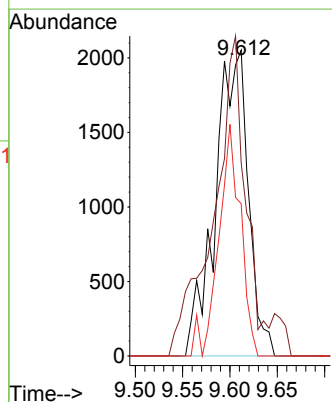
Tgt Ion: 83 Resp: 5001

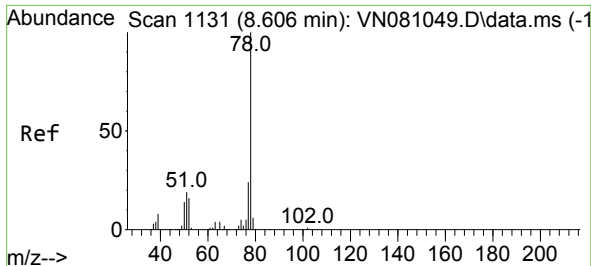
Ion Ratio Lower Upper

83 100

55 51.2 65.7 98.5#

98 49.8 33.8 50.6





#40

Benzene

Concen: 1.491 ug/l

RT: 8.612 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

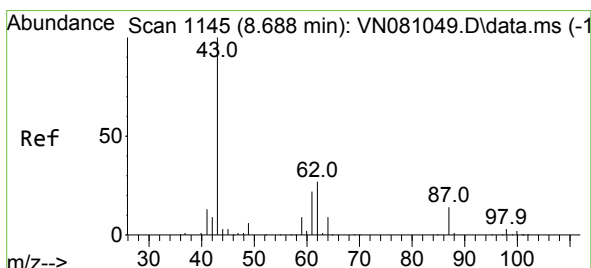
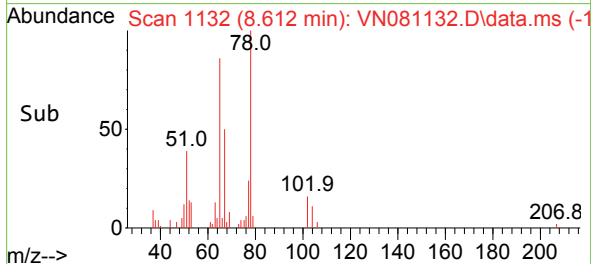
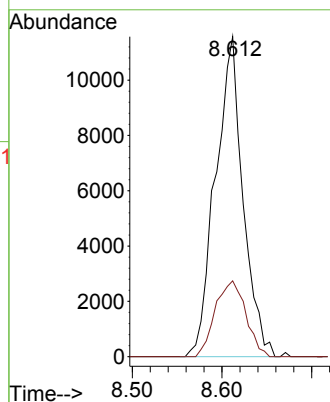
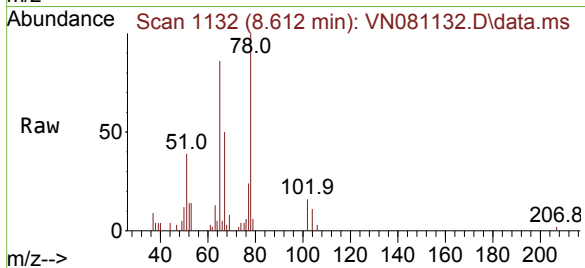
ClientSampleId :

Tgt Ion: 78 Resp: 24627

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6



#43

Isopropyl Acetate

Concen: 0.262 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

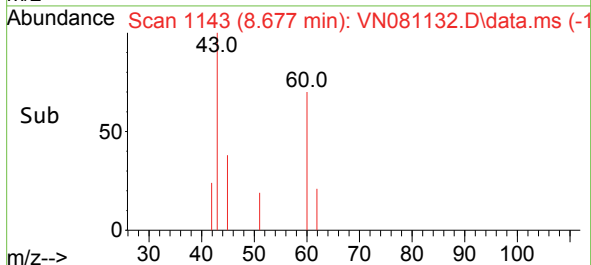
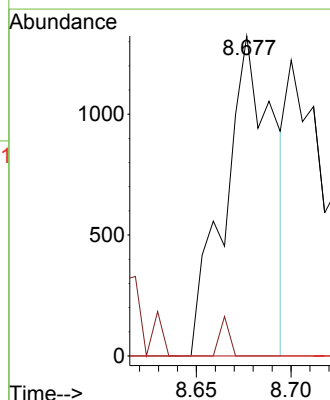
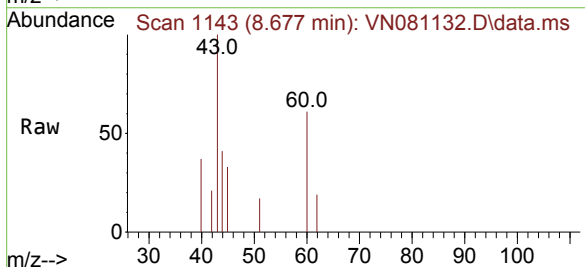
Tgt Ion: 43 Resp: 2356

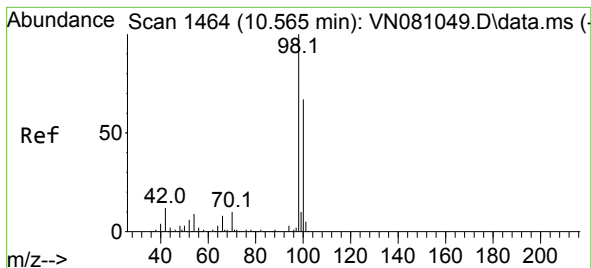
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#





#50

Toluene-d8

Concen: 46.282 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

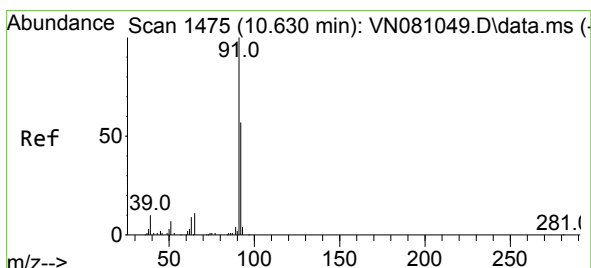
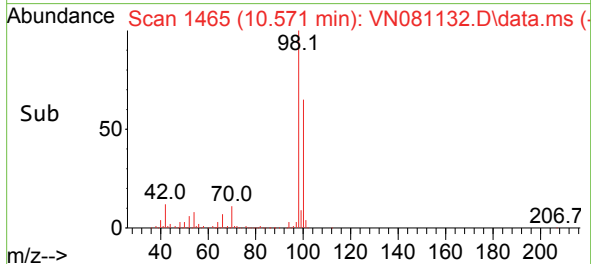
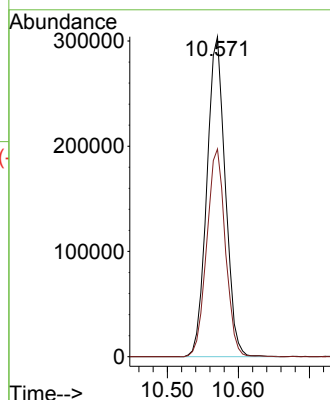
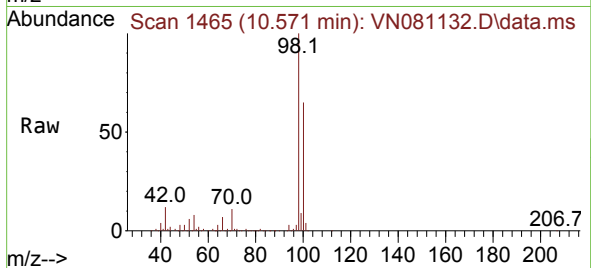
ClientSampleId :

Tgt Ion: 98 Resp: 547668

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0



#52

Toluene

Concen: 56.201 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081132.D

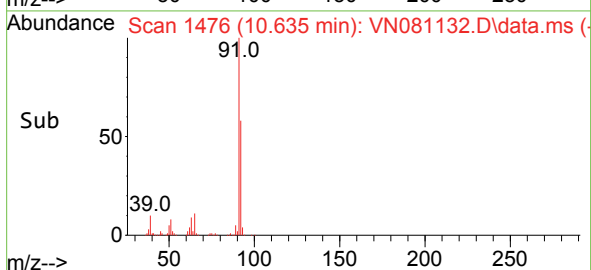
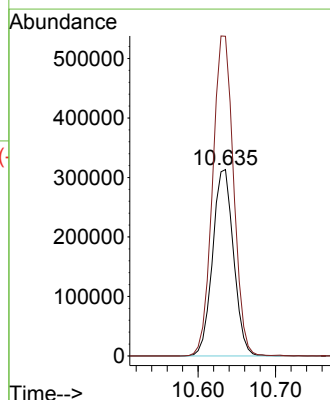
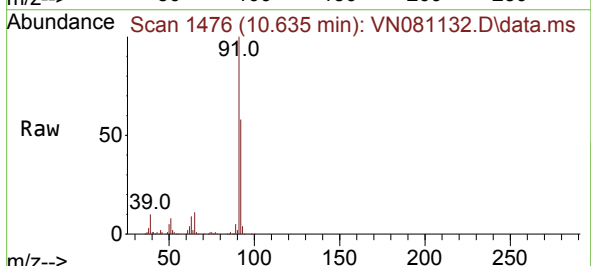
Acq: 22 Feb 2024 14:00

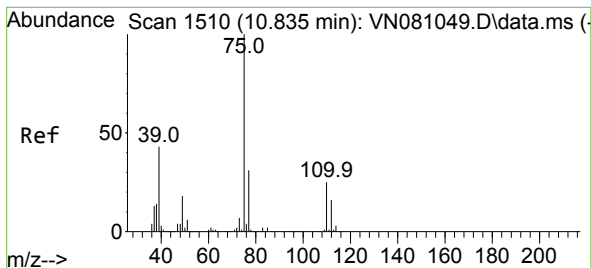
Tgt Ion: 92 Resp: 587823

Ion Ratio Lower Upper

92 100

91 171.9 139.4 209.0

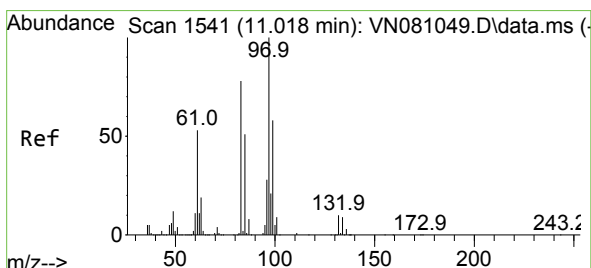
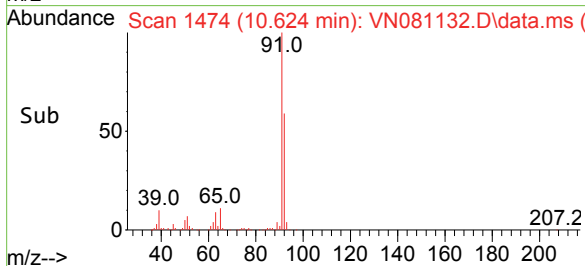
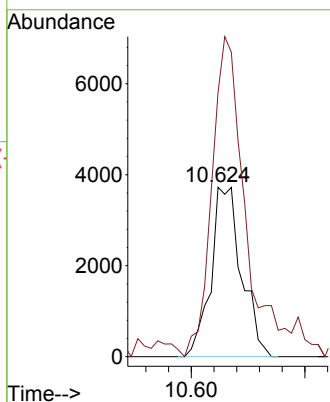
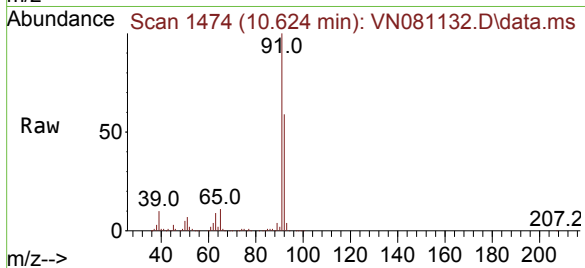




#53
t-1,3-Dichloropropene
Concen: 1.099 ug/l
RT: 10.624 min Scan# 14
Delta R.T. -0.212 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

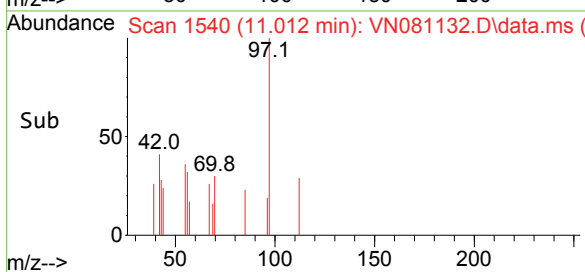
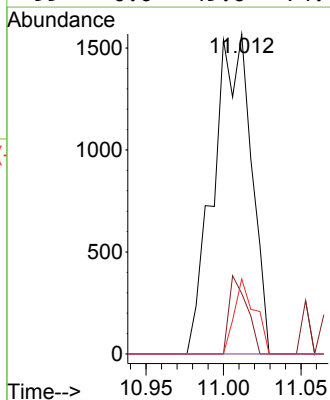
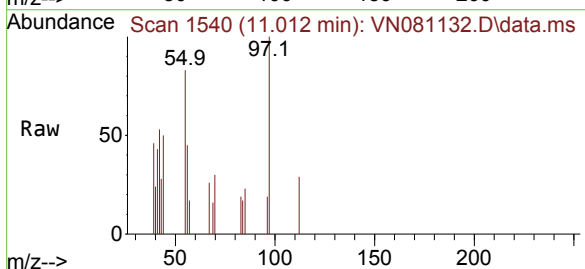
Instrument :
MSVOA_N
ClientSampleId :

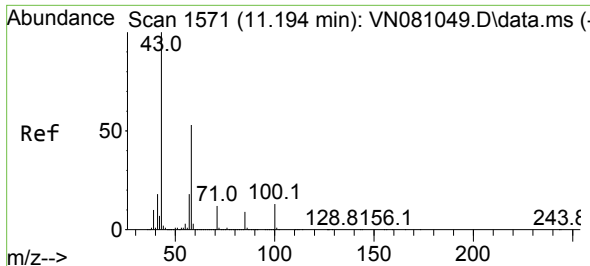
Tgt Ion: 75 Resp: 6968
Ion Ratio Lower Upper
75 100
77 151.6 25.5 38.3#



#55
1,1,2-Trichloroethane
Concen: 0.662 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 97 Resp: 2662
Ion Ratio Lower Upper
97 100
83 18.9 72.9 109.3#
85 23.5 50.2 75.2#
99 0.0 49.6 74.4#

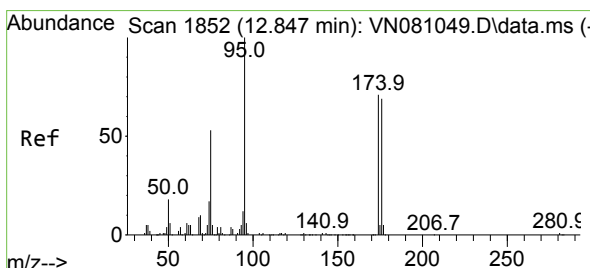
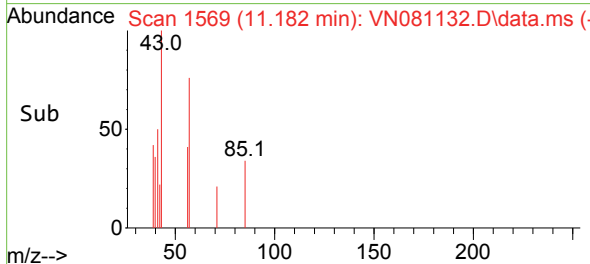
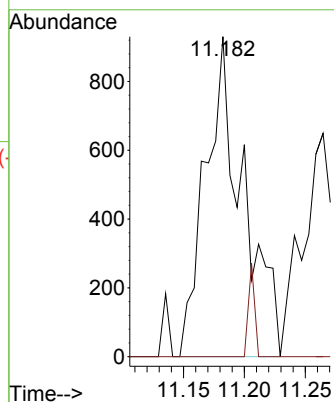
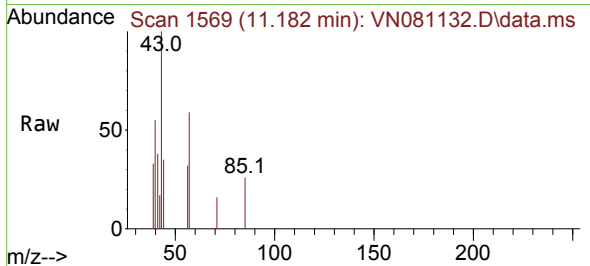




#59
2-Hexanone
Concen: 0.489 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.012 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

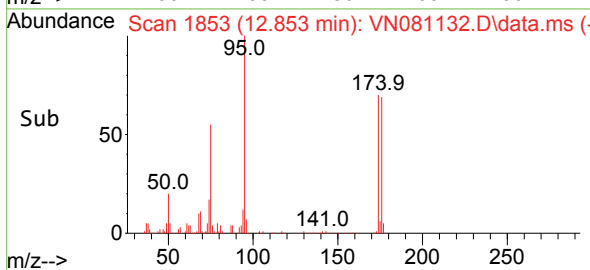
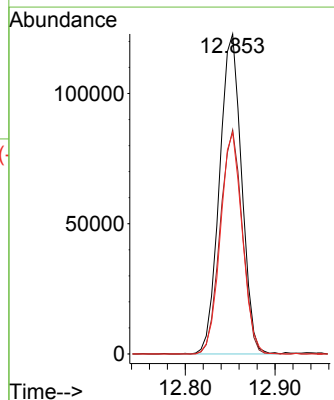
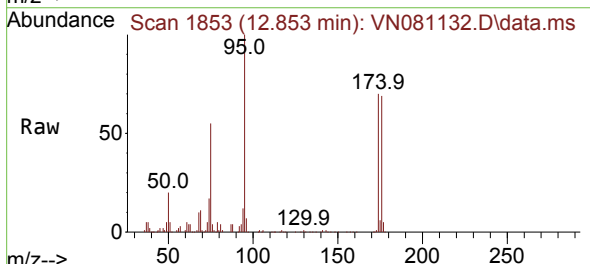
Instrument :
MSVOA_N
ClientSampleId :

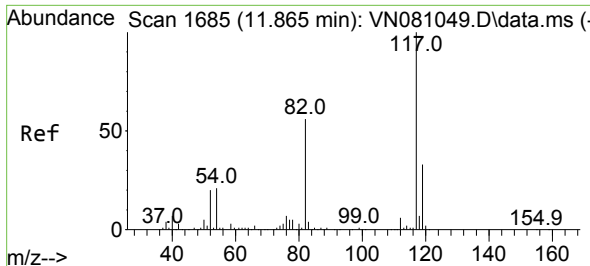
Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 47.331 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

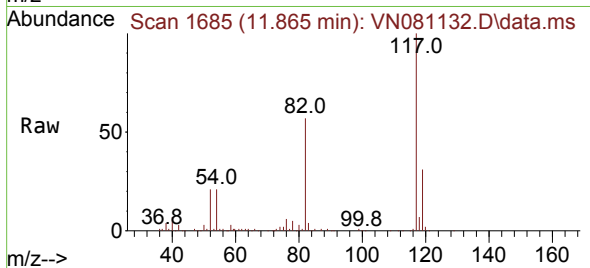
Tgt Ion: 95 Resp: 210452
Ion Ratio Lower Upper
95 100
174 70.0 0.0 120.4
176 68.1 0.0 121.0



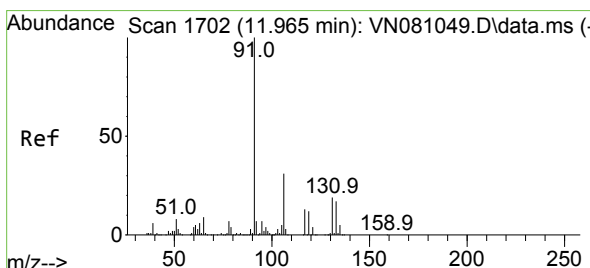
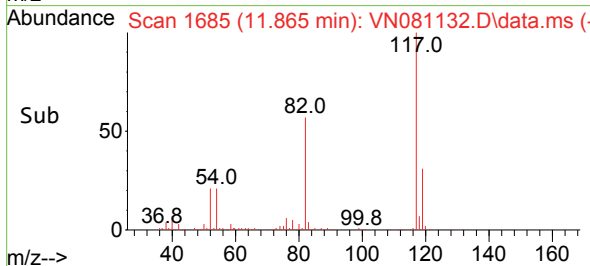
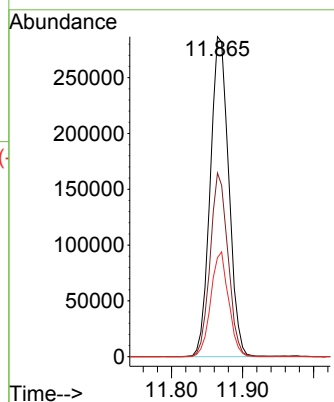


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :

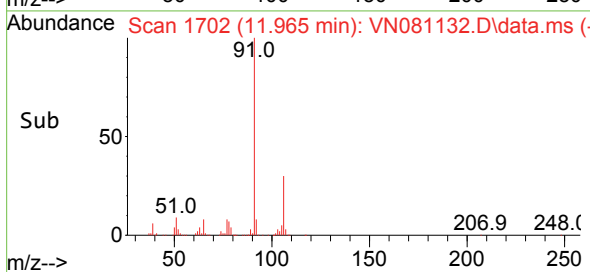
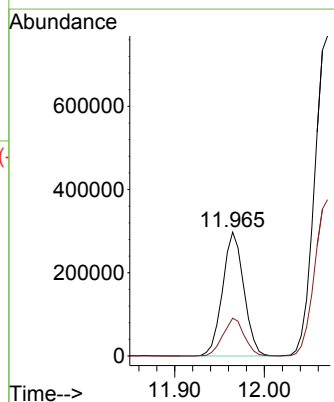
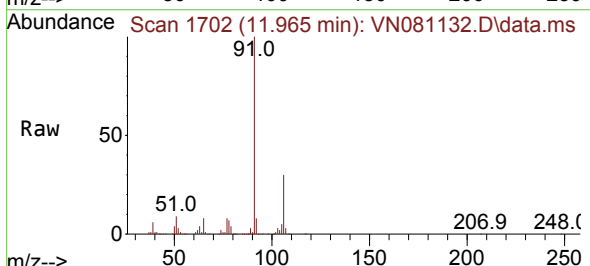


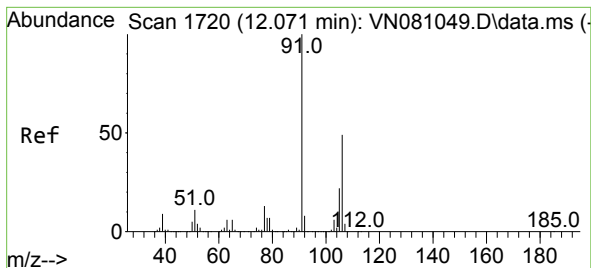
Tgt Ion:117 Resp: 519456
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 30.9 25.3 37.9



#67
Ethyl Benzene
Concen: 24.357 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 91 Resp: 490005
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

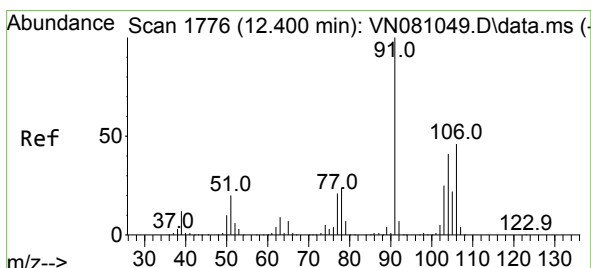
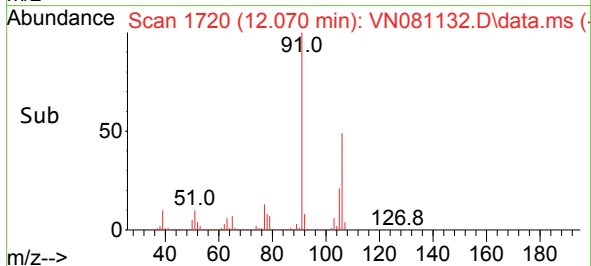
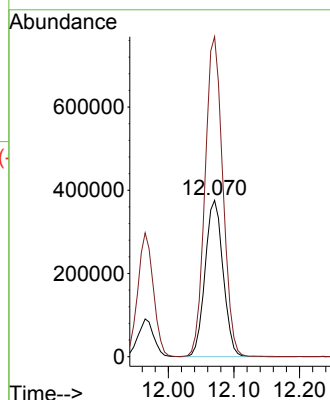
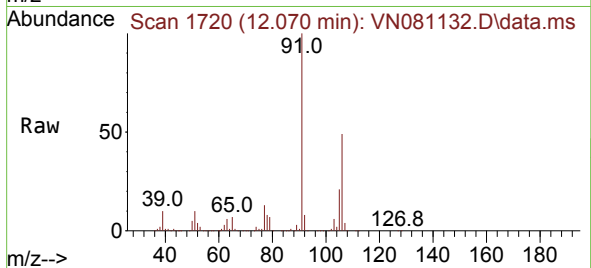




#68
m/p-Xylenes
Concen: 93.014 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

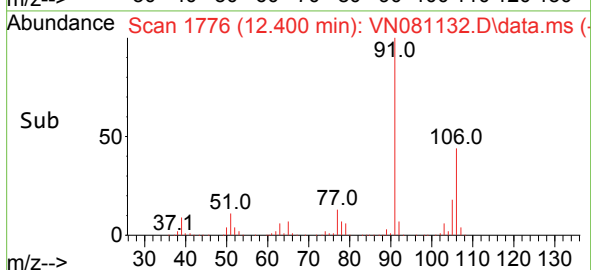
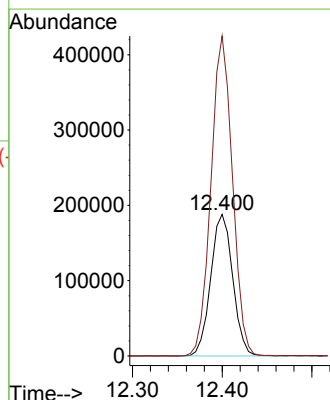
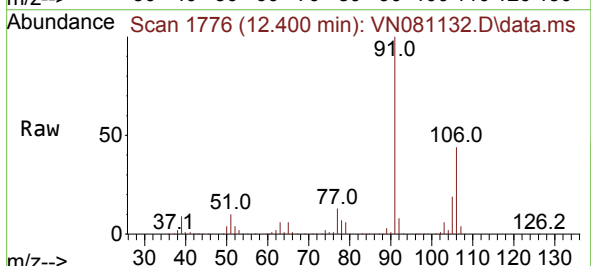
Instrument :
MSVOA_N
ClientSampleId :

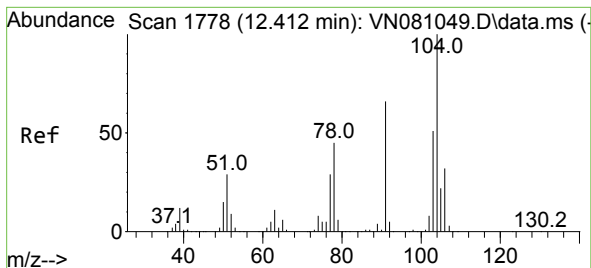
Tgt Ion:106 Resp: 717240
Ion Ratio Lower Upper
106 100
91 202.3 169.0 253.6



#69
o-Xylene
Concen: 41.939 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion:106 Resp: 320566
Ion Ratio Lower Upper
106 100
91 220.5 112.1 336.3





#70

Styrene

Concen: 1.502 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.012 min

Lab File: VN081132.D

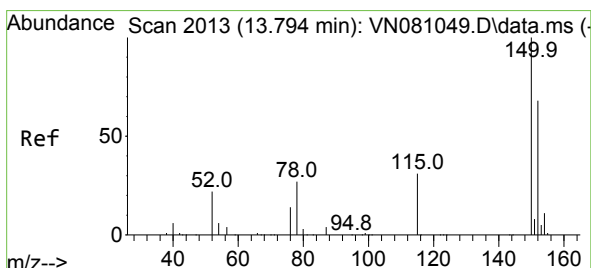
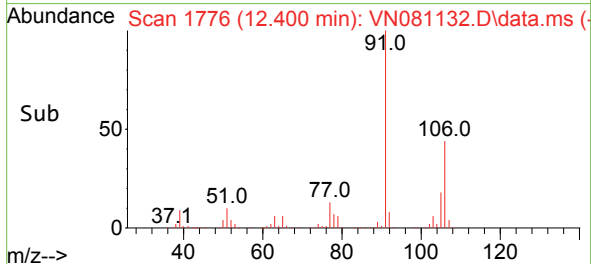
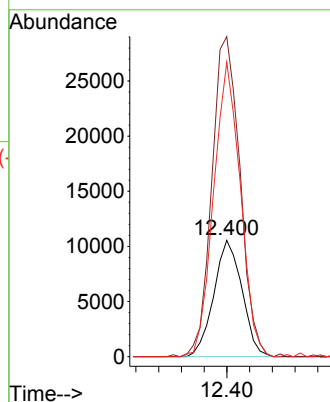
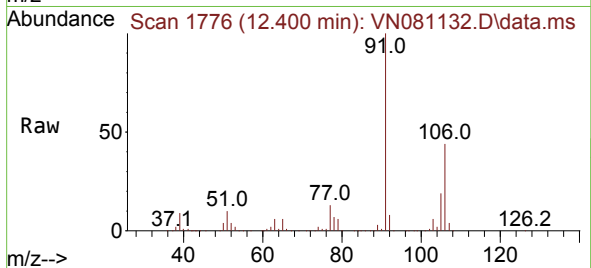
Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	18194
Ion	Ratio	Lower	Upper
104	100		
78	274.4	43.8	65.8#
103	240.6	44.2	66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

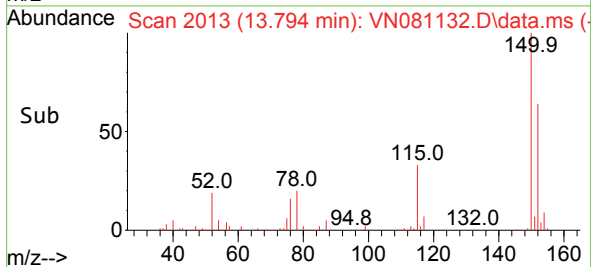
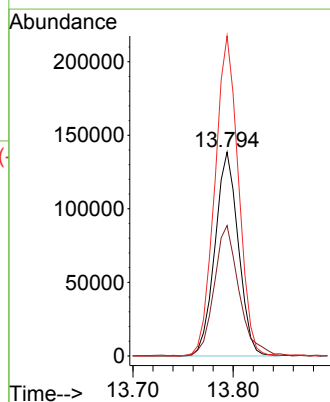
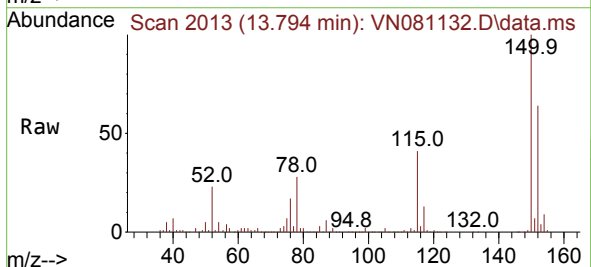
RT: 13.794 min Scan# 2013

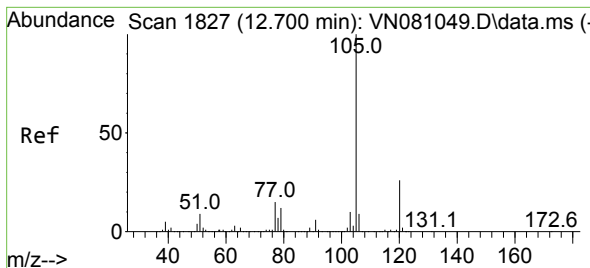
Delta R.T. -0.000 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Tgt Ion:	152	Resp:	223889
Ion	Ratio	Lower	Upper
152	100		
115	68.4	32.3	96.8
150	158.5	0.0	339.8





#73

Isopropylbenzene

Concen: 1.994 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

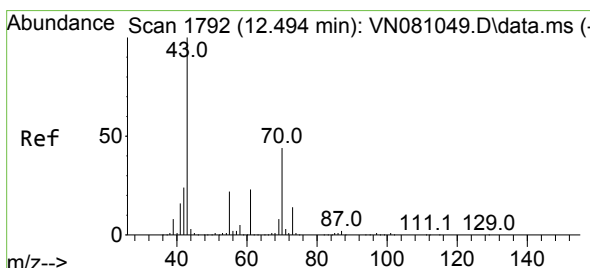
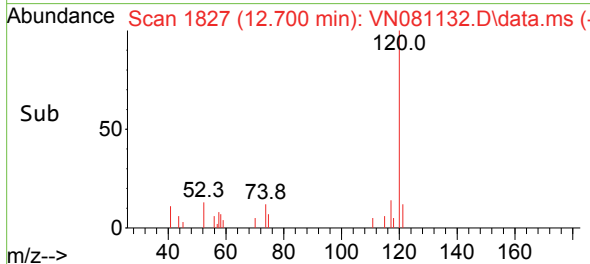
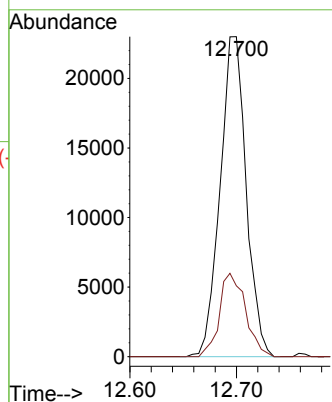
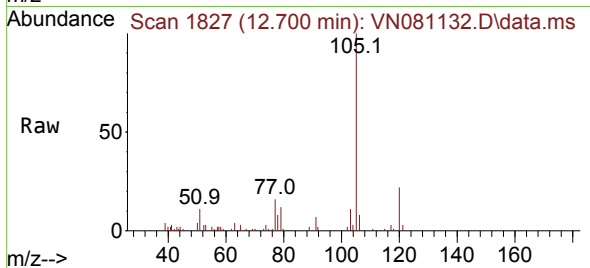
ClientSampleId :

Tgt Ion:105 Resp: 39069

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.6



#74

N-ethyl acetate

Concen: 0.258 ug/l

RT: 12.476 min Scan# 1789

Delta R.T. -0.018 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Tgt Ion: 43 Resp: 2138

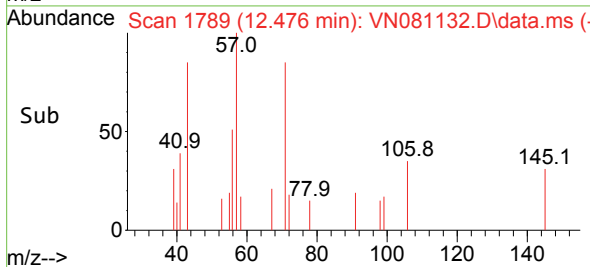
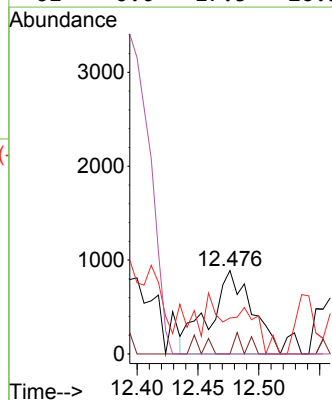
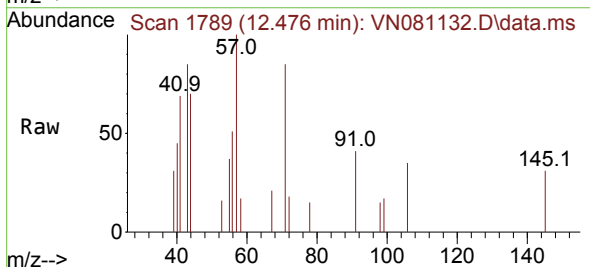
Ion Ratio Lower Upper

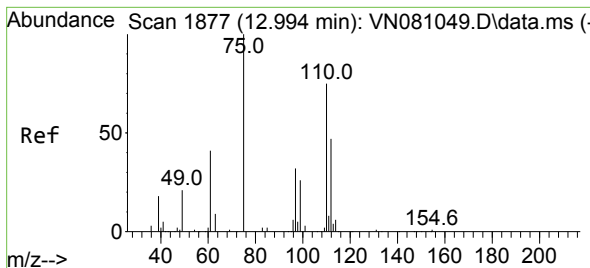
43 100

70 6.8 30.1 45.1#

55 0.0 17.0 25.4#

61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 1.304 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. 0.100 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

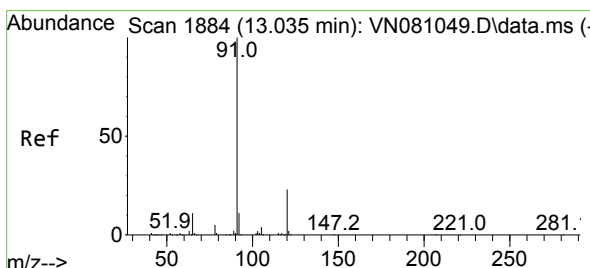
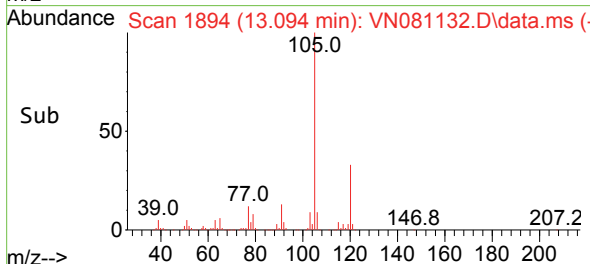
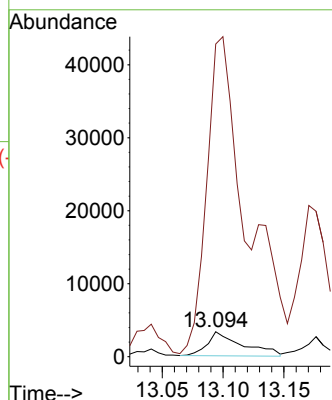
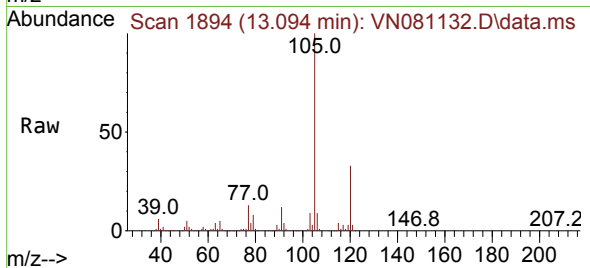
ClientSampleId :

Tgt Ion: 75 Resp: 6632

Ion Ratio Lower Upper

75 100

77 1164.3 91.0 272.8#



#78

n-propylbenzene

Concen: 7.613 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081132.D

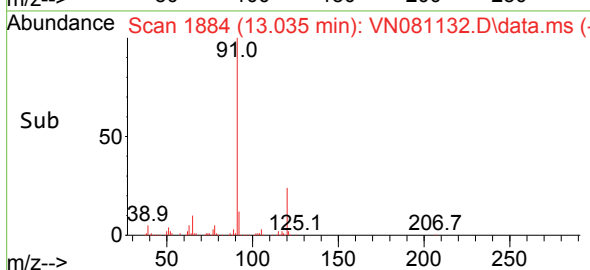
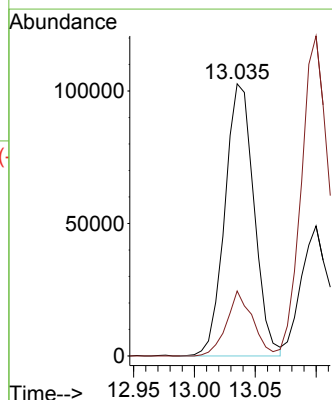
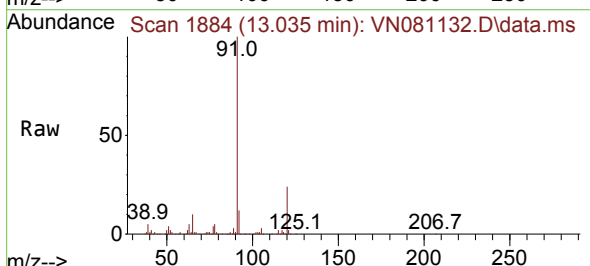
Acq: 22 Feb 2024 14:00

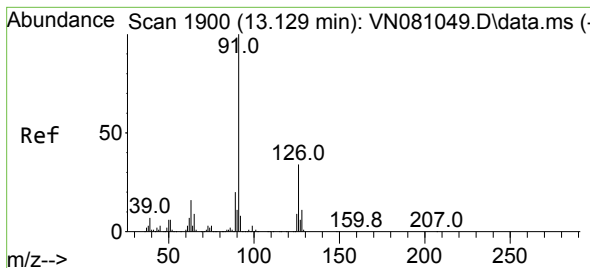
Tgt Ion: 91 Resp: 171671

Ion Ratio Lower Upper

91 100

120 21.3 10.3 30.9





#79

2-Chlorotoluene

Concen: 7.556 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.030 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

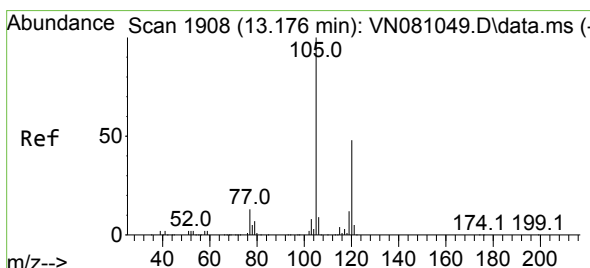
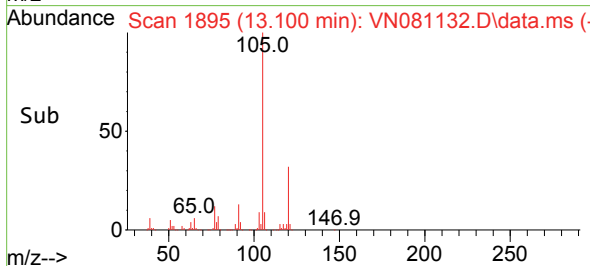
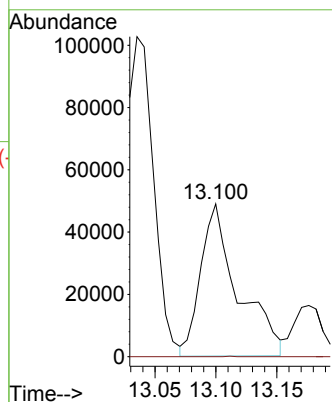
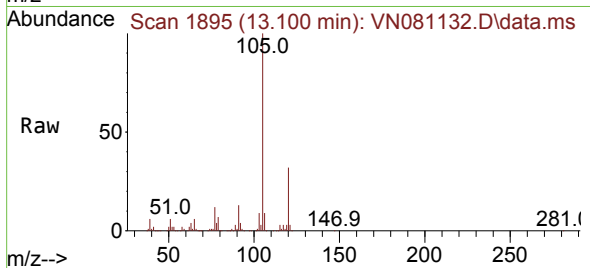
ClientSampleId :

Tgt Ion: 91 Resp: 104513

Ion Ratio Lower Upper

91 100

126 0.1 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 15.921 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081132.D

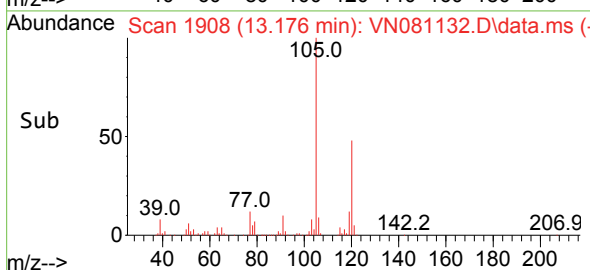
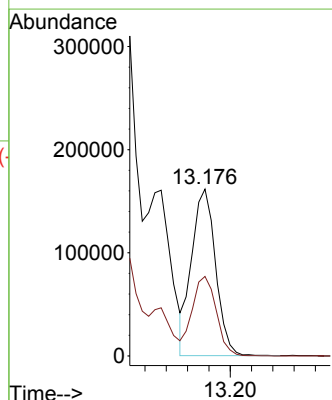
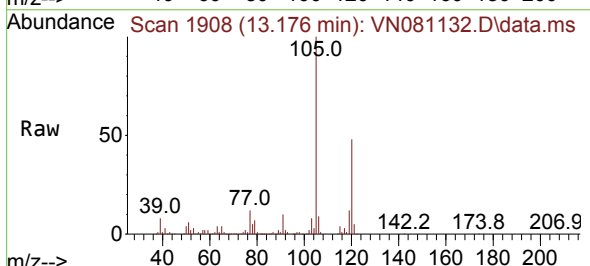
Acq: 22 Feb 2024 14:00

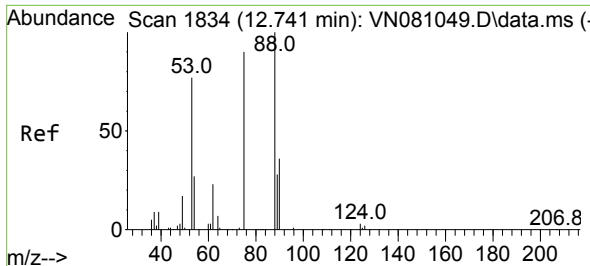
Tgt Ion: 105 Resp: 252871

Ion Ratio Lower Upper

105 100

120 48.2 23.0 69.0

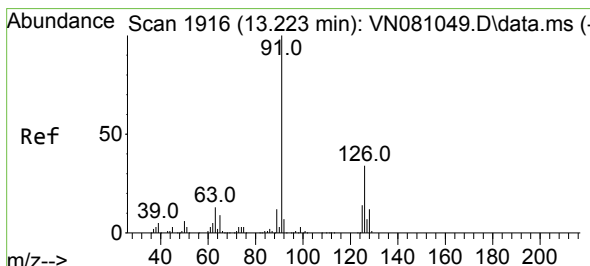
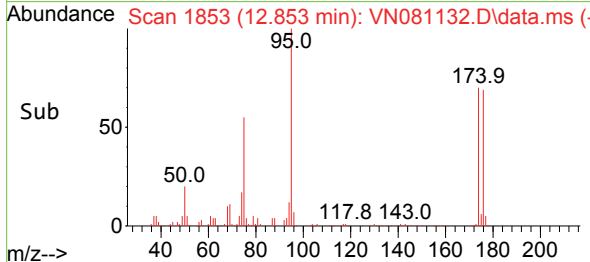
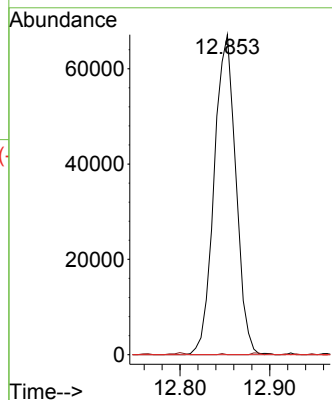
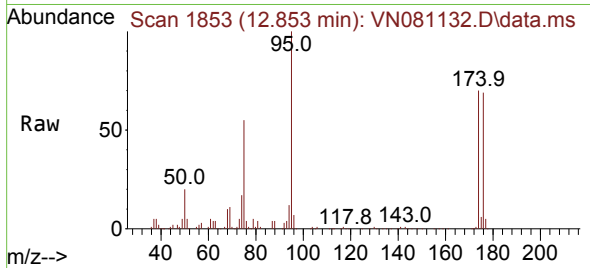




#81
trans-1,4-Dichloro-2-butene
Concen: 56.995 ug/l
RT: 12.853 min Scan# 112641
Delta R.T. 0.112 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

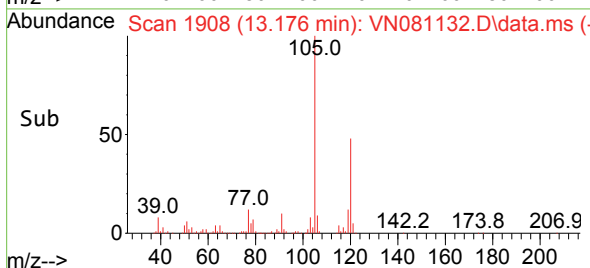
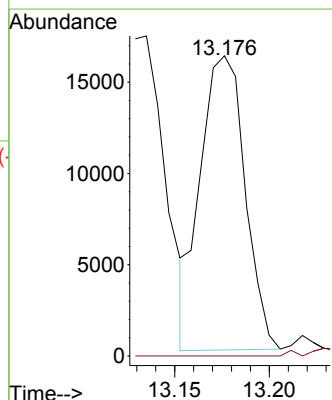
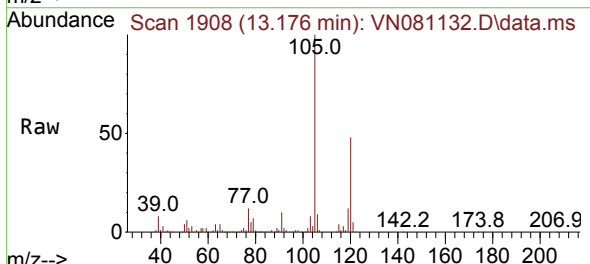
Instrument :
MSVOA_N
ClientSampleId :

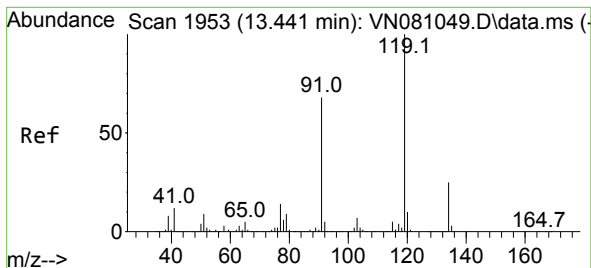
Tgt Ion: 75 Resp: 112641
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#



#82
4-Chlorotoluene
Concen: 1.954 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 91 Resp: 26424
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#





#83

tert-Butylbenzene

Concen: 7.709 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

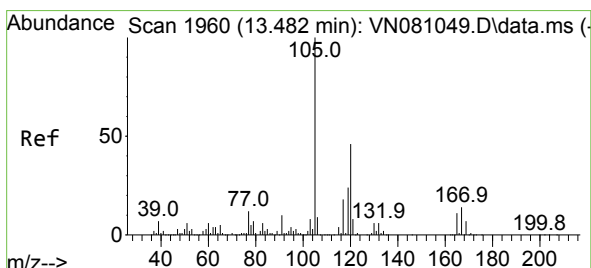
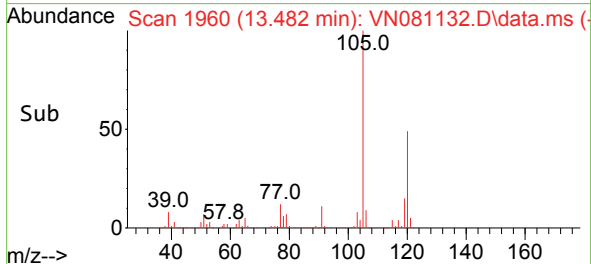
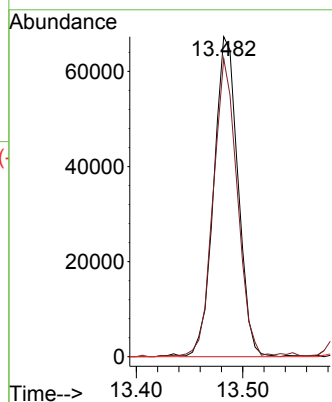
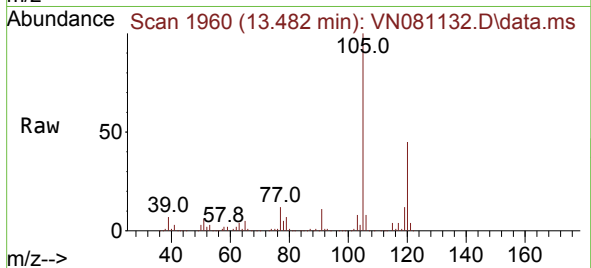
Tgt Ion:119 Resp: 105870

Ion Ratio Lower Upper

119 100

91 93.1 36.8 110.4

134 0.0 12.4 37.4#



#84

1,2,4-Trimethylbenzene

Concen: 55.820 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081132.D

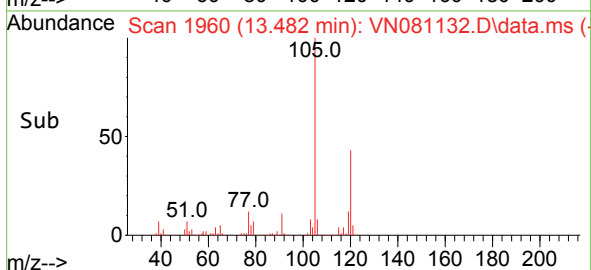
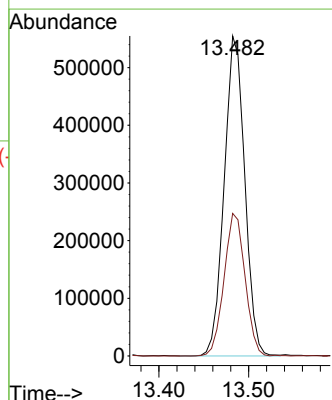
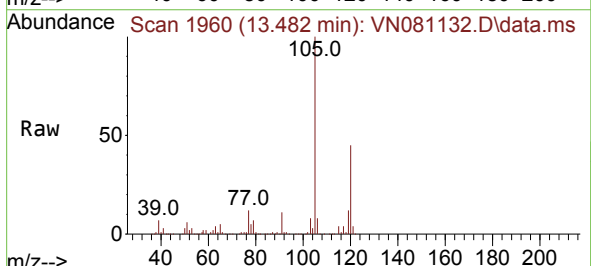
Acq: 22 Feb 2024 14:00

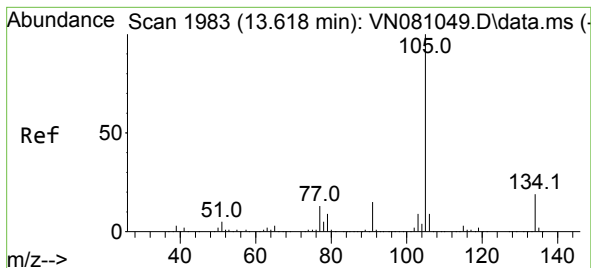
Tgt Ion:105 Resp: 883438

Ion Ratio Lower Upper

105 100

120 45.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 46.273 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

Instrument :

MSVOA_N

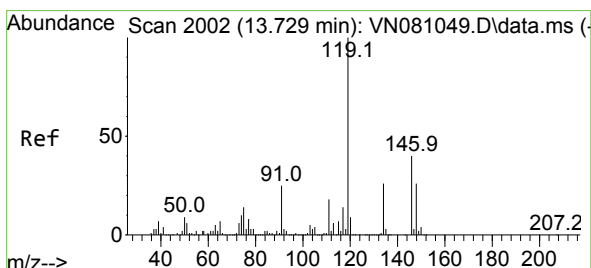
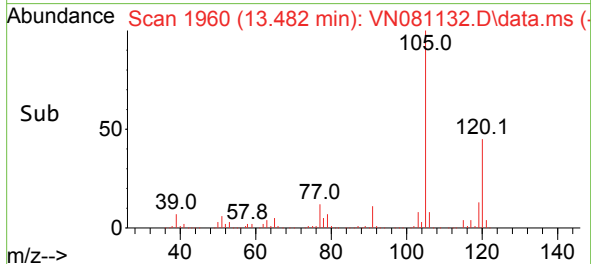
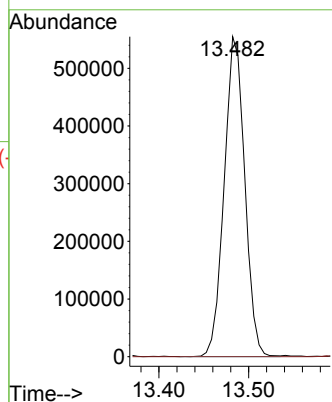
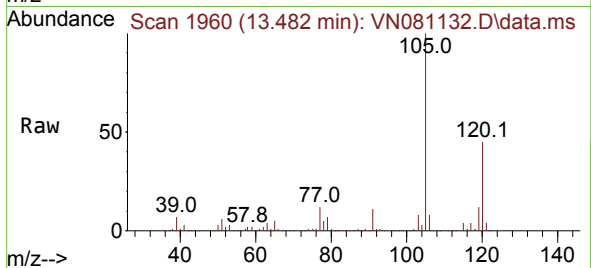
ClientSampleId :

Tgt Ion:105 Resp: 883438

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 1.663 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.053 min

Lab File: VN081132.D

Acq: 22 Feb 2024 14:00

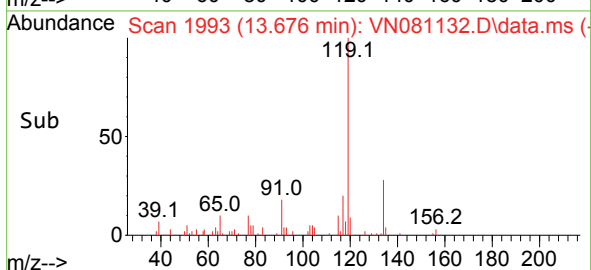
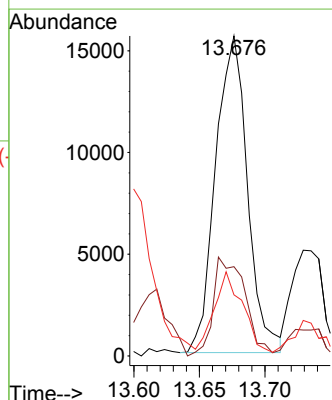
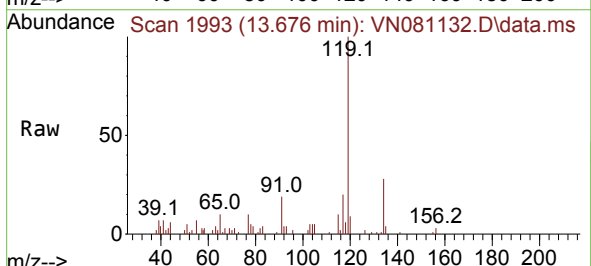
Tgt Ion:119 Resp: 26372

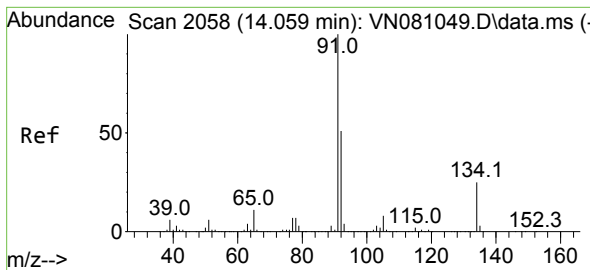
Ion Ratio Lower Upper

119 100

134 31.0 12.4 37.2

91 22.3 13.5 40.4

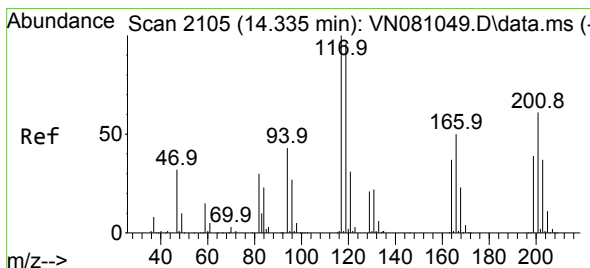
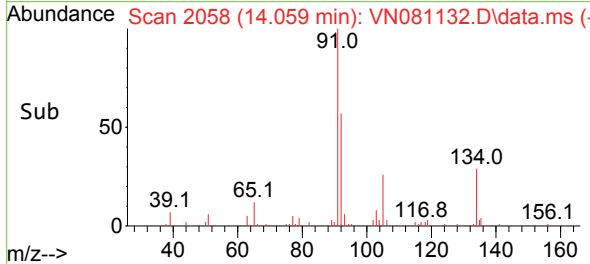
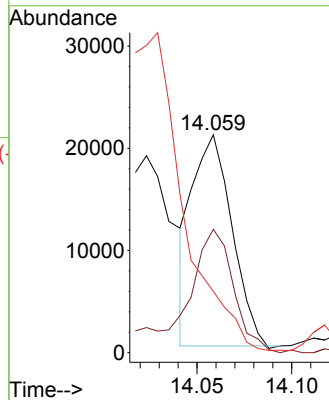
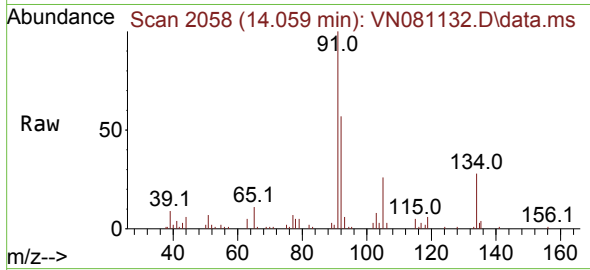




#89
n-Butylbenzene
Concen: 2.186 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

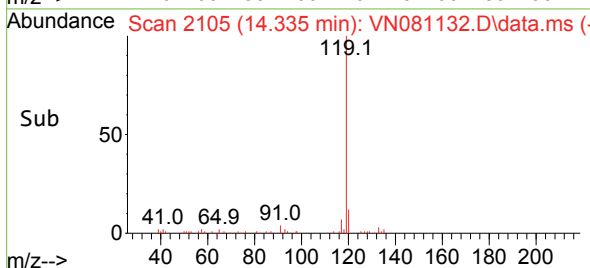
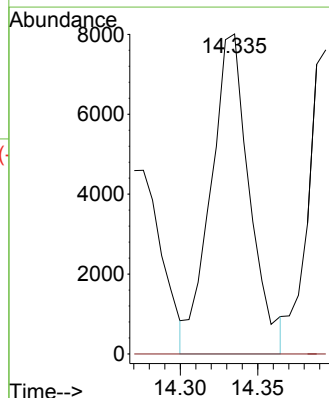
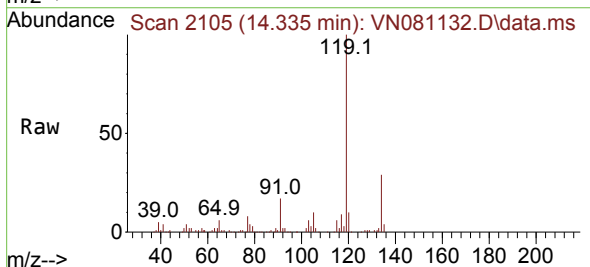
Instrument :
MSVOA_N
ClientSampleId :

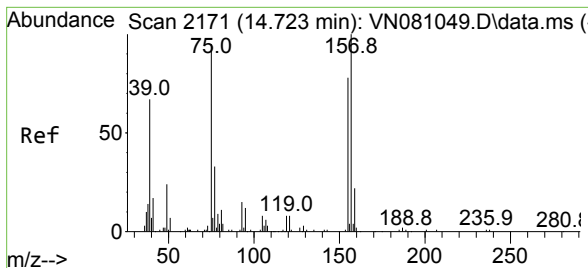
Tgt Ion: 91 Resp: 30194
Ion Ratio Lower Upper
91 100
92 72.9 26.7 80.1
134 0.0 10.8 32.4#



#90
Hexachloroethane
Concen: 5.305 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion: 117 Resp: 13906
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#

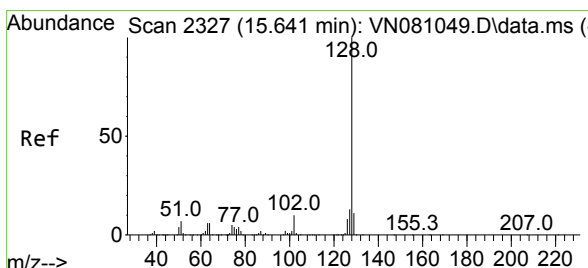
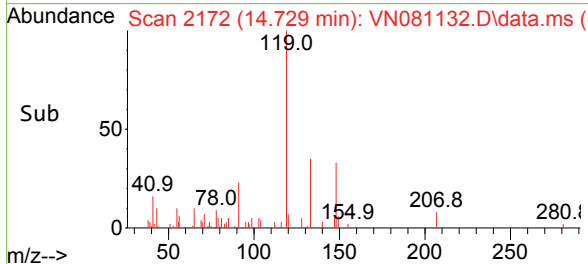
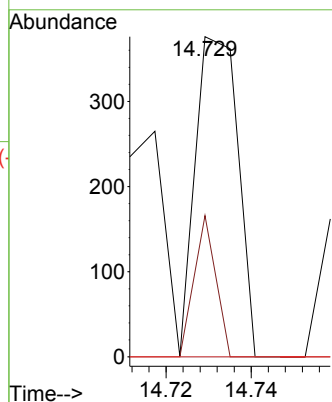
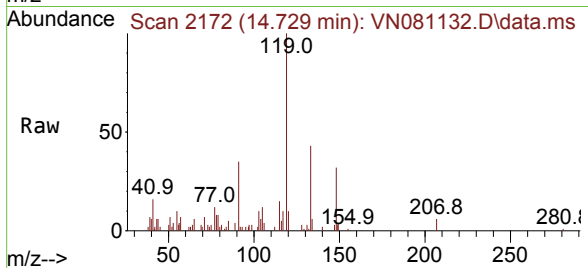




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.228 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 261
Ion Ratio Lower Upper
75 100
155 22.6 31.8 95.4#
157 0.0 41.1 123.4#



#95
Naphthalene
Concen: 9.014 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081132.D
Acq: 22 Feb 2024 14:00

Tgt Ion:128 Resp: 146676
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.3 8.7 13.1

