

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080624.D
 Acq On : 02 Jan 2024 14:56
 Operator : JC\MD
 Sample : 06038-01 200X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 03 01:45:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	298547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	570813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	598232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184773	48.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	8.165	113	174020	47.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	10.570	98	634276	49.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.847	95	248772	57.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.700%

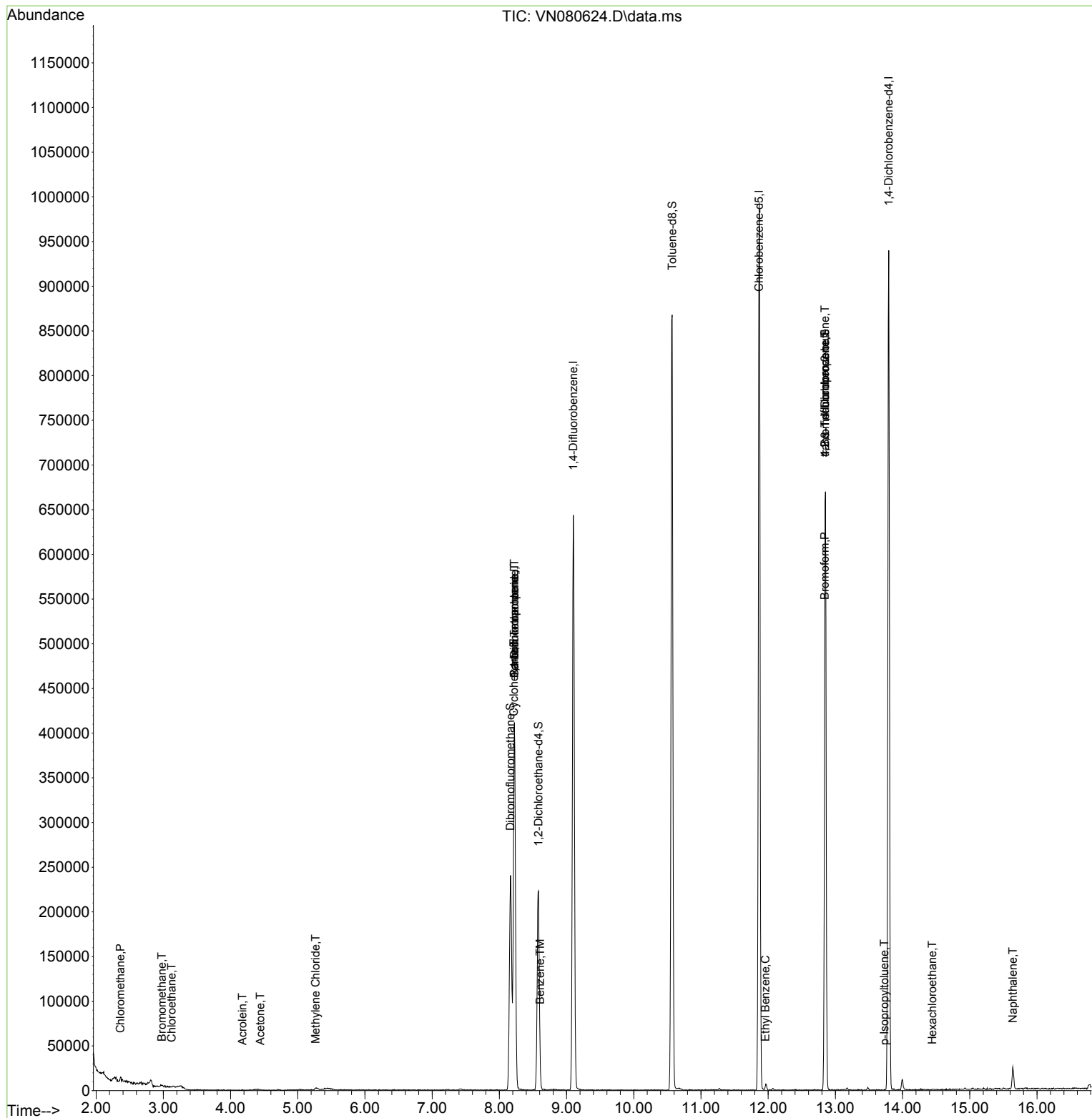
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	8470	1.372	ug/l #	86
5) Bromomethane	2.977	94	1144	0.816	ug/l #	79
6) Chloroethane	3.124	64	613	0.266	ug/l #	43
13) Acrolein	4.177	56	135	0.232	ug/l #	16
16) Acetone	4.441	43	312	0.300	ug/l #	40
20) Methylene Chloride	5.265	84	1440	0.434	ug/l #	70
31) Cyclohexane	8.218	56	6243	1.205	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	22693	3.994	ug/l #	49
38) Carbon Tetrachloride	8.224	117	31185	5.365	ug/l #	15
40) Benzene	8.606	78	723	0.415	ug/l #	27
67) Ethyl Benzene	11.959	91	4914	0.236	ug/l #	61
71) Bromoform	12.841	173	987	0.291	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	128032	22.813	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	128032	61.796	ug/l #	15
86) p-Isopropyltoluene	13.729	119	183	0.466	ug/l #	50
90) Hexachloroethane	14.441	117	713	0.274	ug/l #	21
95) Naphthalene	15.641	128	22038	1.627	ug/l	100

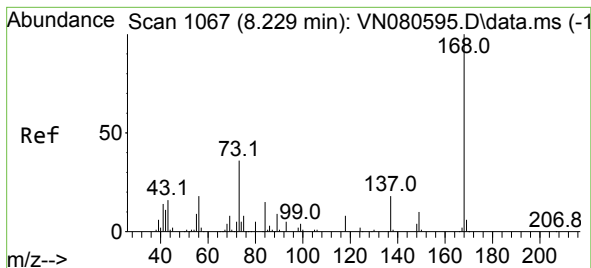
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

Instrument :

MSVOA_N

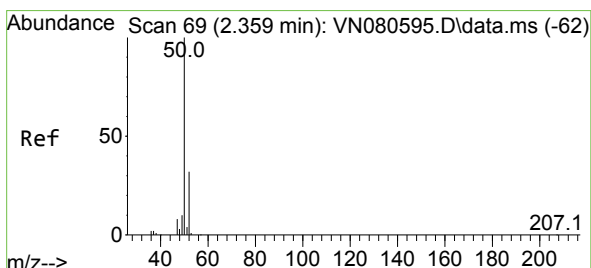
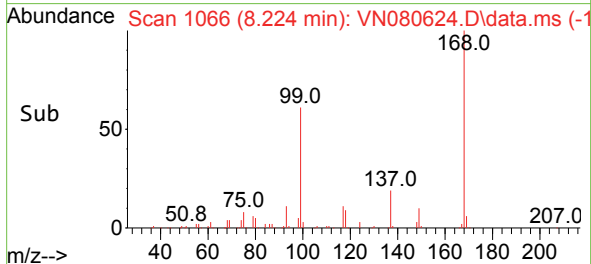
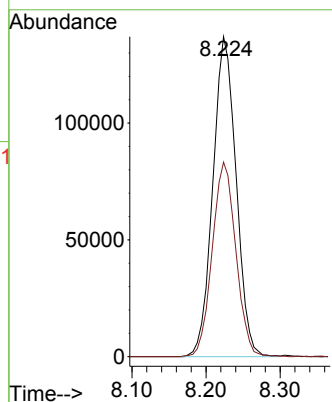
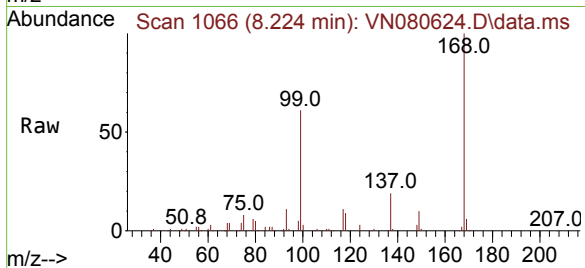
ClientSampleId :

Tgt Ion:168 Resp: 298547

Ion Ratio Lower Upper

168 100

99 60.8 53.0 79.6



#3

Chloromethane

Concen: 1.372 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080624.D

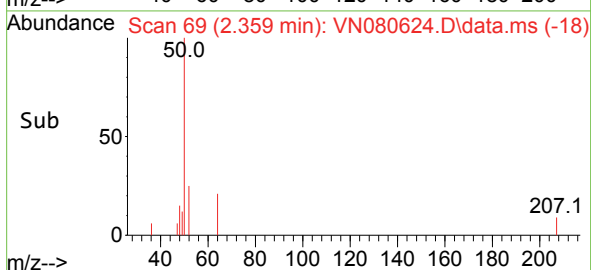
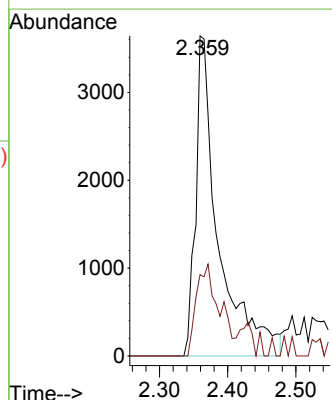
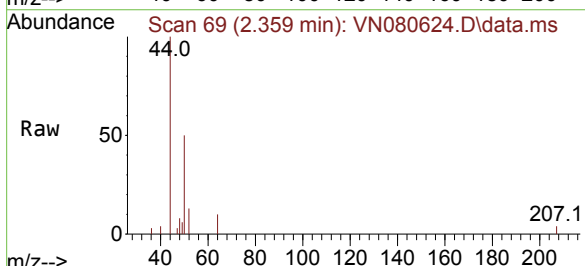
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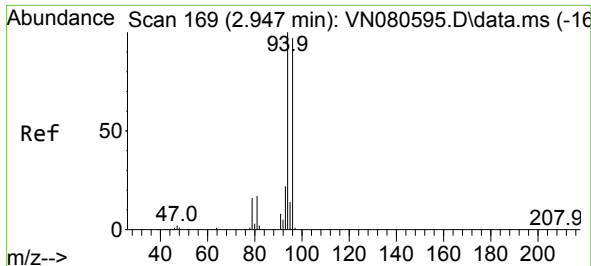
Tgt Ion: 50 Resp: 8470

Ion Ratio Lower Upper

50 100

52 25.4 26.5 39.7#

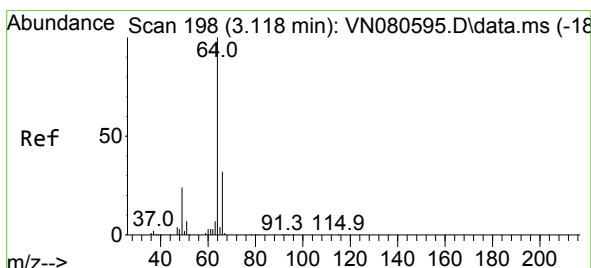
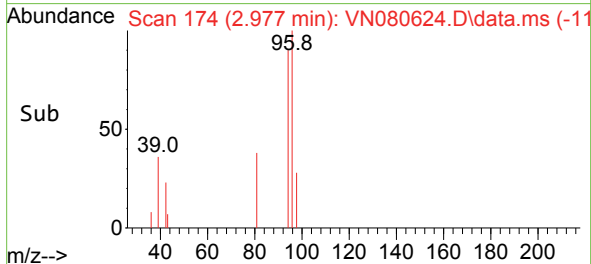
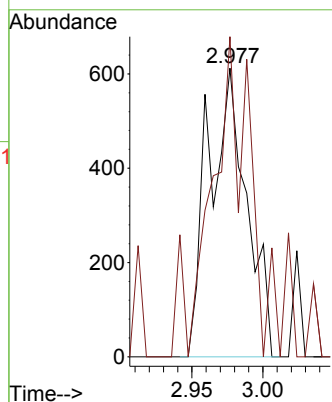
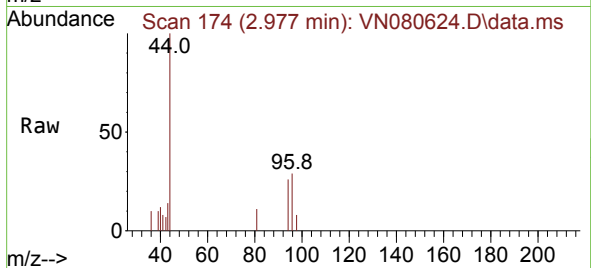




#5
Bromomethane
Concen: 0.816 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

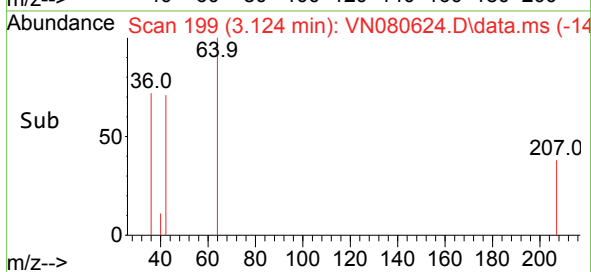
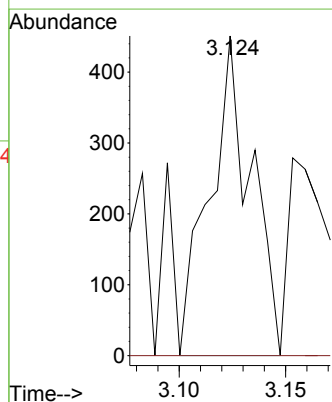
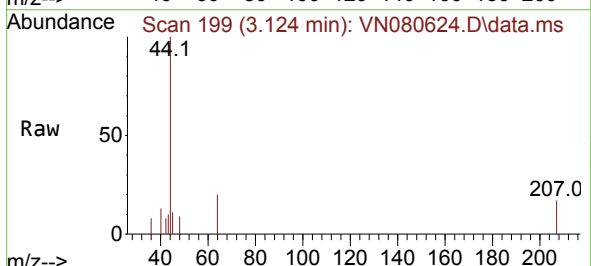
Instrument :
MSVOA_N
ClientSampleId :

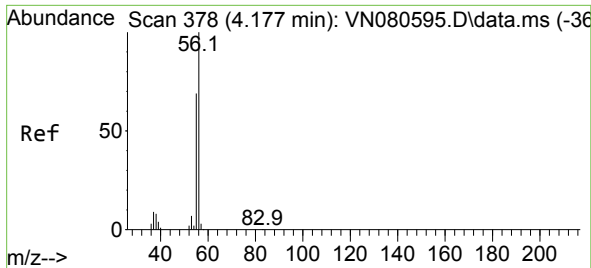
Tgt Ion: 94 Resp: 1144
Ion Ratio Lower Upper
94 100
96 110.9 73.1 109.7#



#6
Chloroethane
Concen: 0.266 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

Tgt Ion: 64 Resp: 613
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

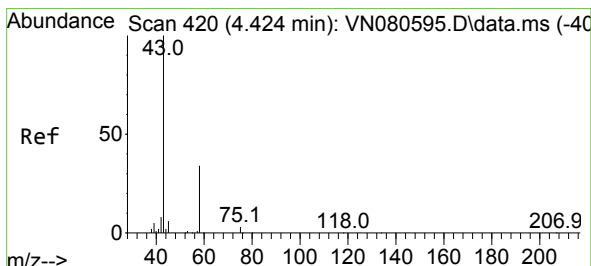
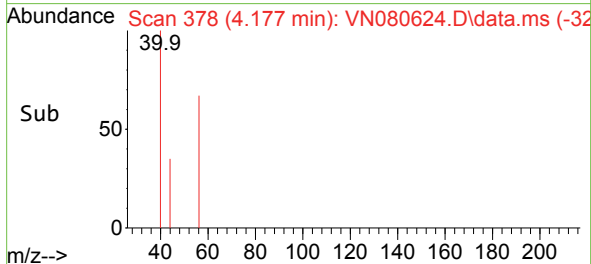
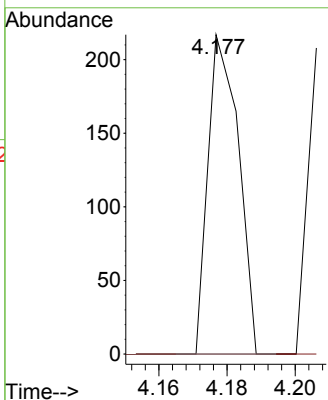
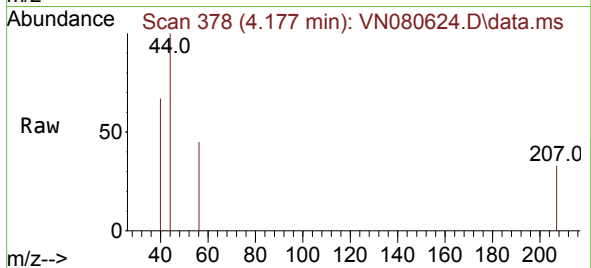




#13
Acrolein
Concen: 0.232 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

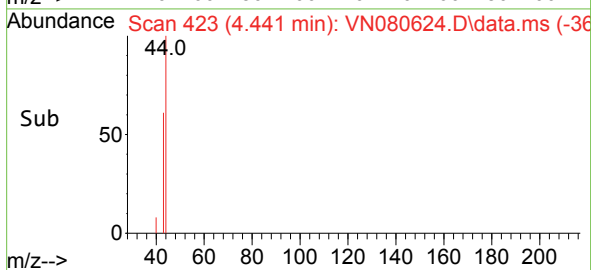
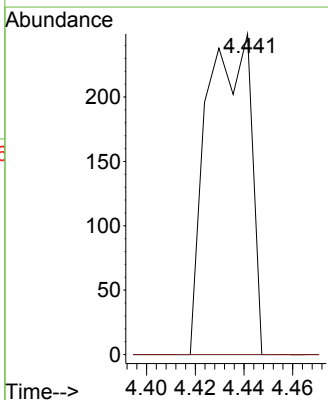
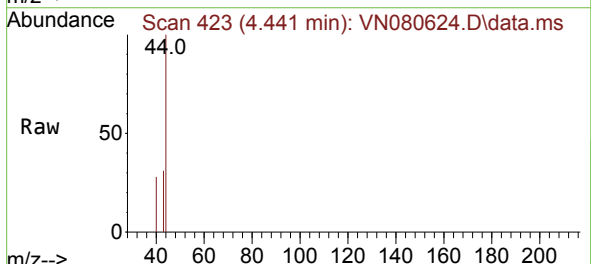
Instrument :
MSVOA_N
ClientSampleId :

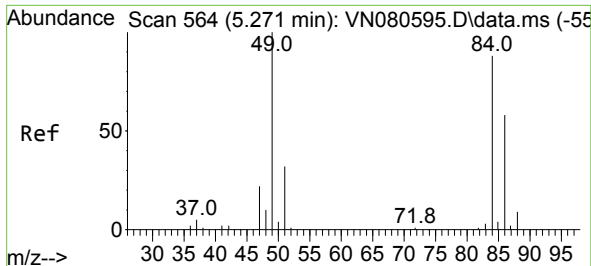
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 0.300 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

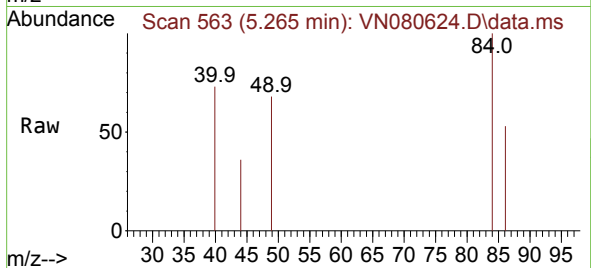
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



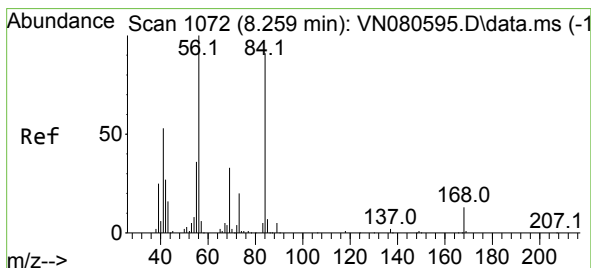
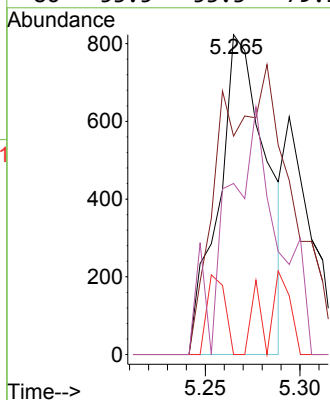
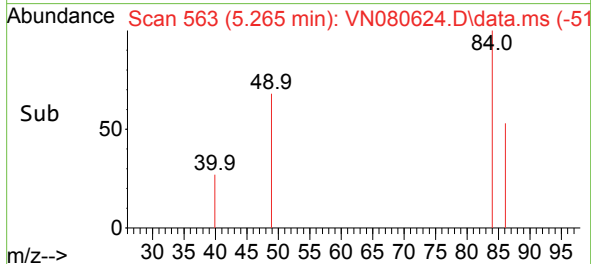


#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

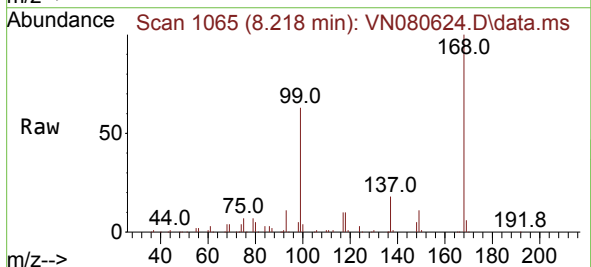
Instrument :
MSVOA_N
ClientSampleId :



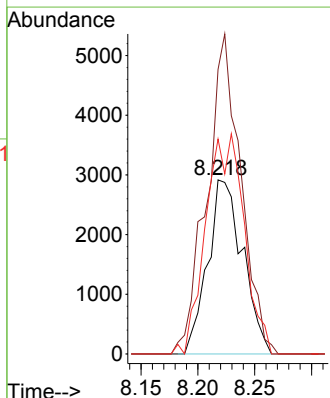
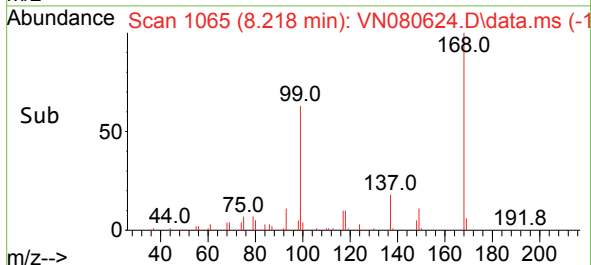
Tgt Ion: 84 Resp: 1440
Ion Ratio Lower Upper
84 100
49 68.3 79.7 119.5#
51 0.0 25.2 37.8#
86 53.5 53.3 79.9

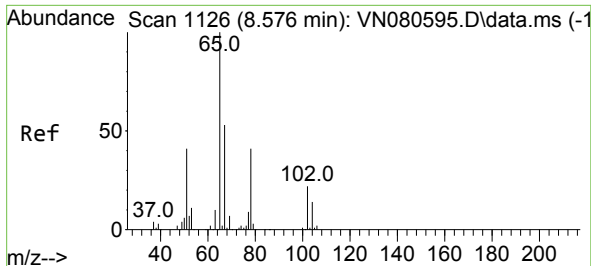


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56



Tgt Ion: 56 Resp: 6243
Ion Ratio Lower Upper
56 100
69 163.4 26.8 40.2#
84 123.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.250 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

Instrument :

MSVOA_N

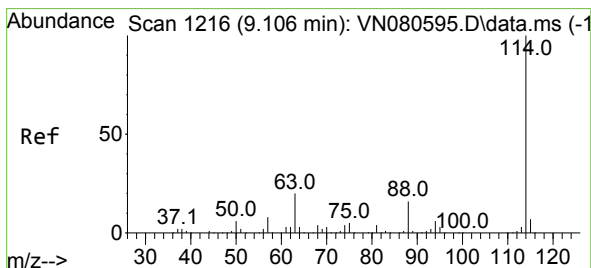
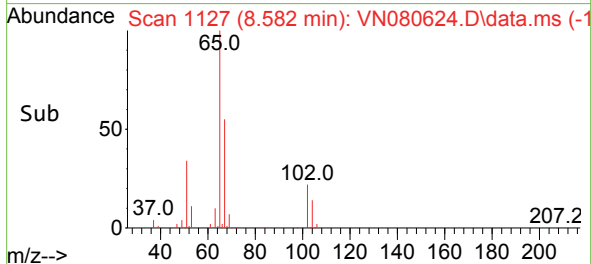
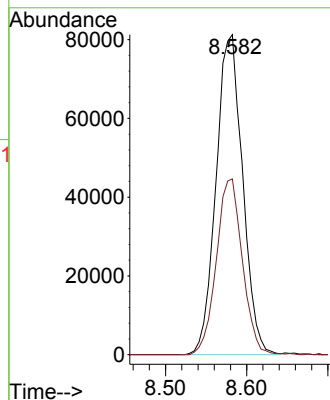
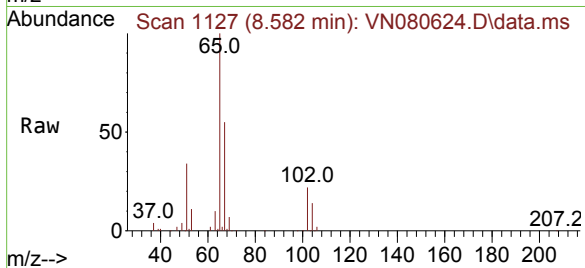
ClientSampleId :

Tgt Ion: 65 Resp: 184773

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

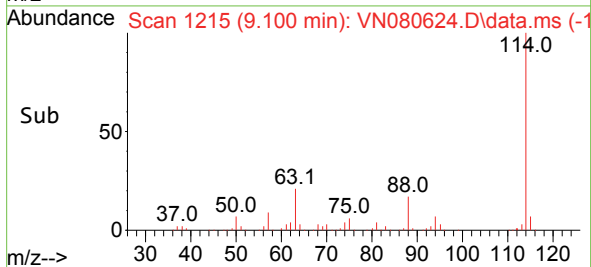
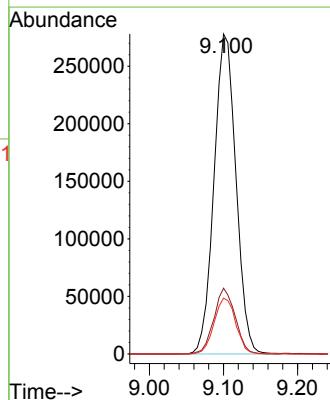
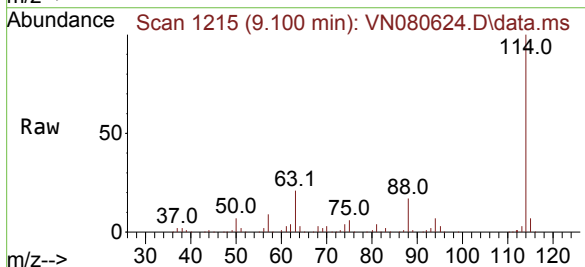
Tgt Ion: 114 Resp: 570813

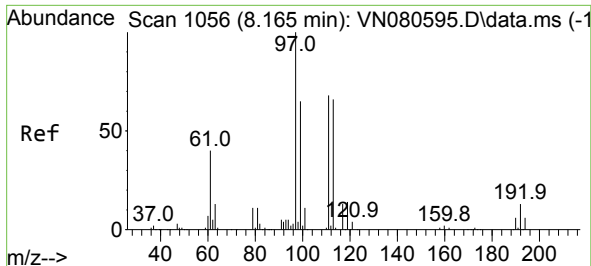
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 17.5 0.0 30.6

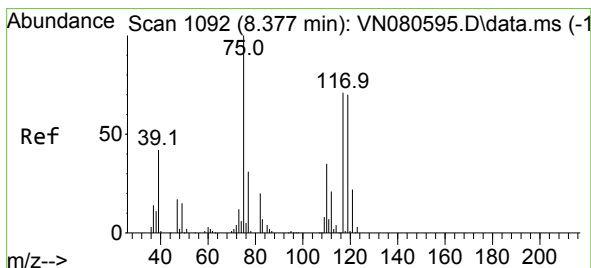
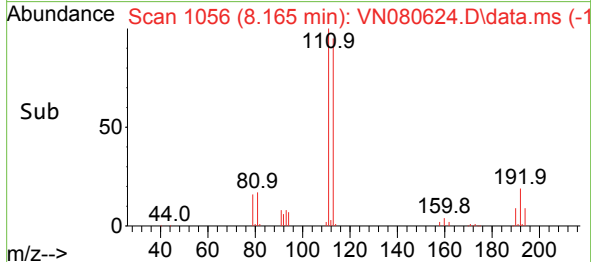
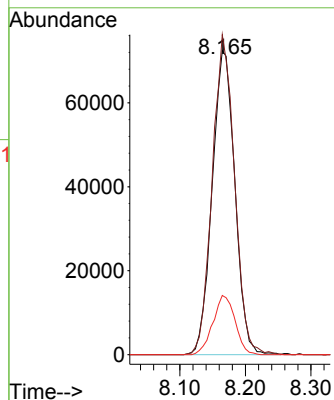
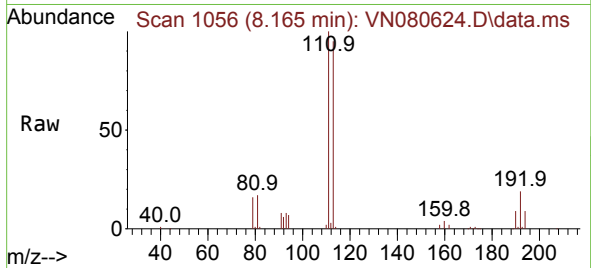




#35
Dibromofluoromethane
Concen: 47.137 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

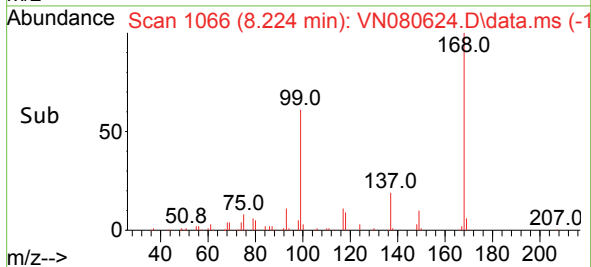
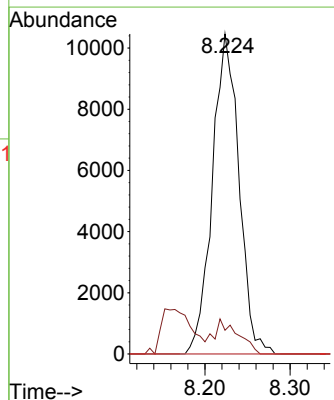
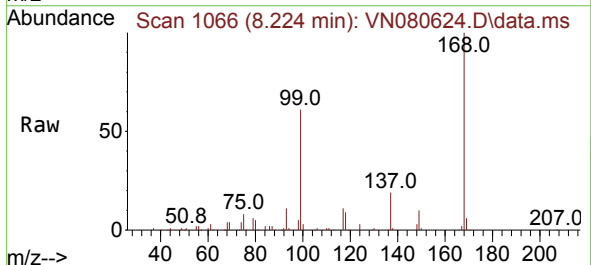
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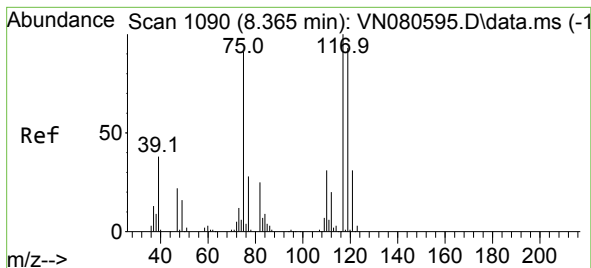
Tgt Ion:113 Resp: 174020
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.994 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

Tgt Ion: 75 Resp: 22693
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.365 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

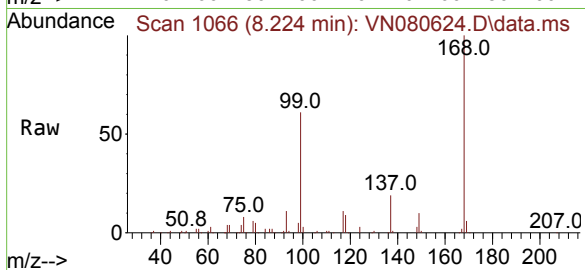
Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :



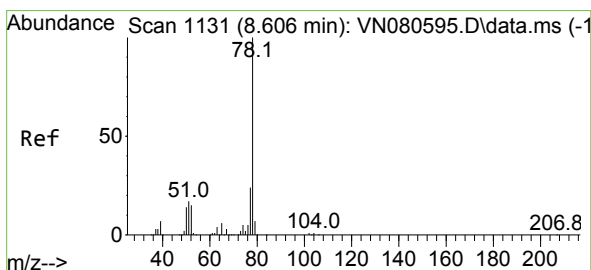
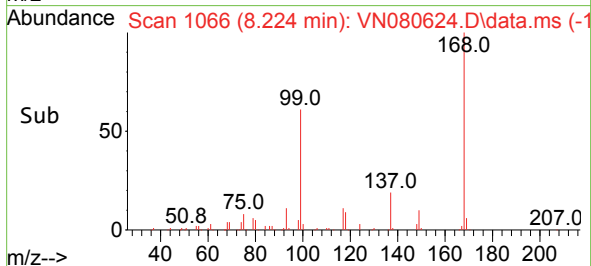
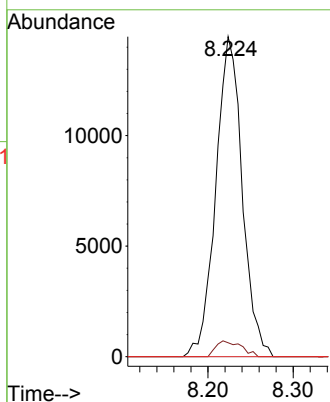
Tgt Ion:117 Resp: 31185

Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 23.3 34.9#



#40

Benzene

Concen: 0.415 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080624.D

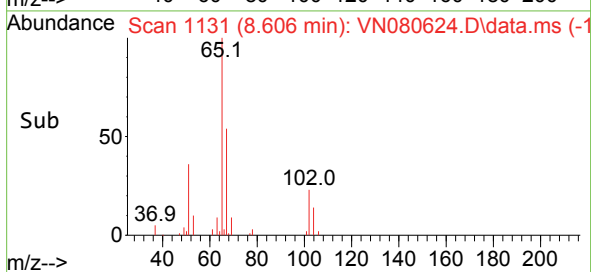
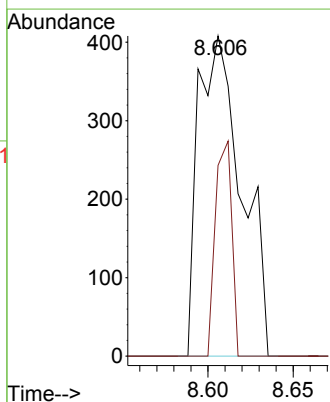
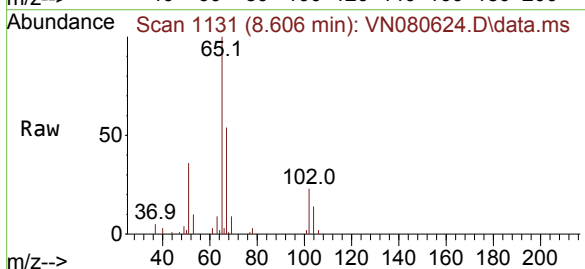
Acq: 02 Jan 2024 14:56

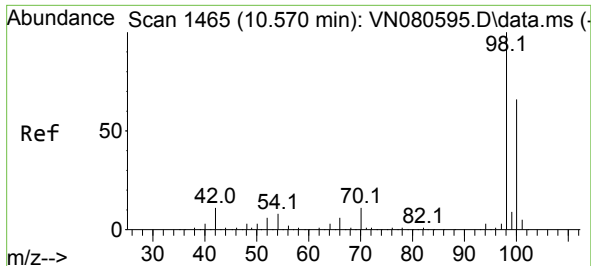
Tgt Ion: 78 Resp: 723

Ion Ratio Lower Upper

78 100

77 59.6 19.0 28.6#

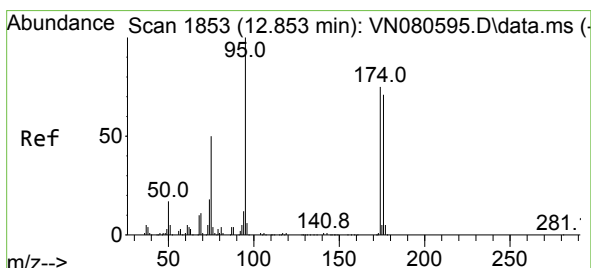
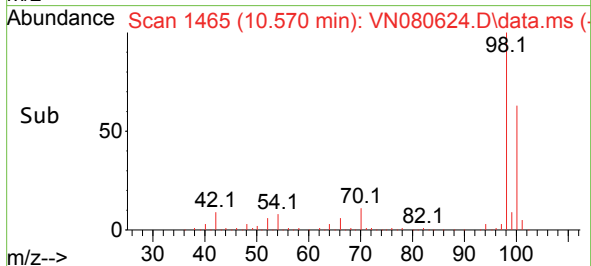
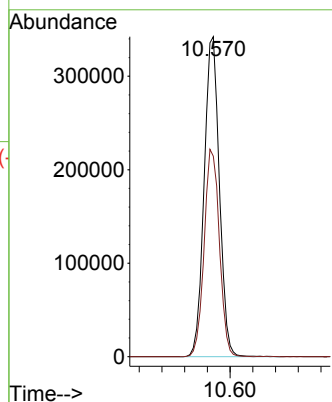
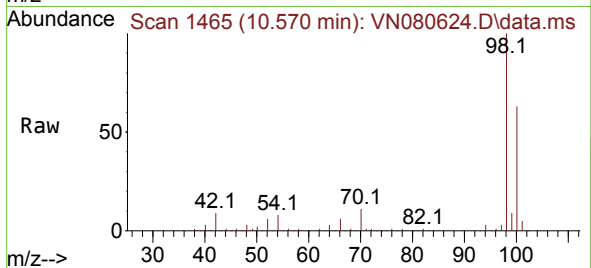




#50
Toluene-d8
Concen: 49.207 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

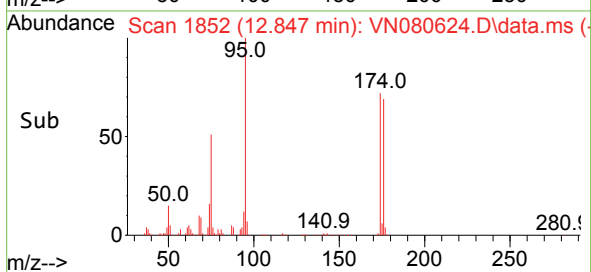
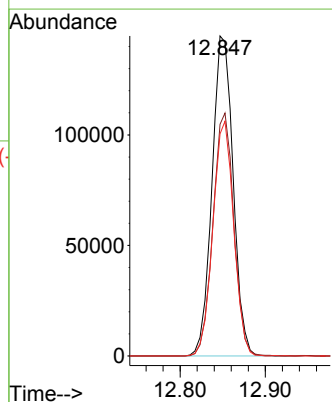
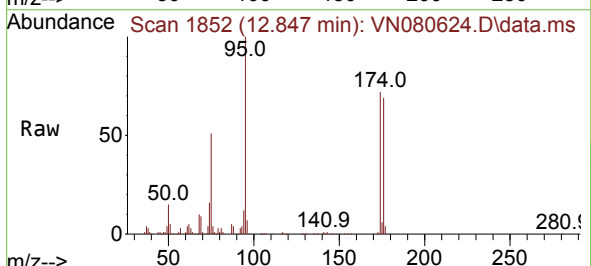
Instrument :
MSVOA_N
ClientSampleId :

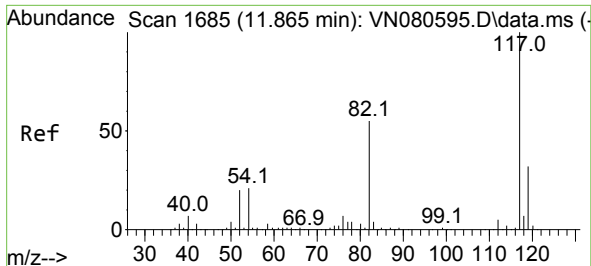
Tgt Ion: 98 Resp: 634276
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.346 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

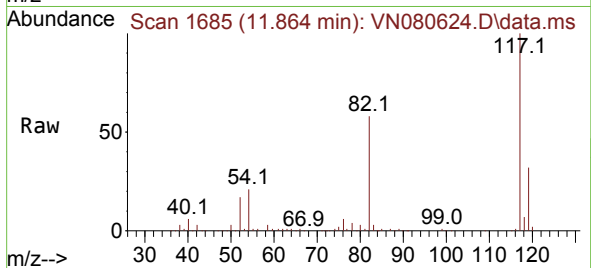
Tgt Ion: 95 Resp: 248772
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.3 0.0 135.8



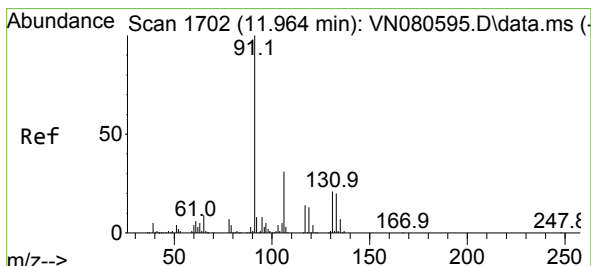
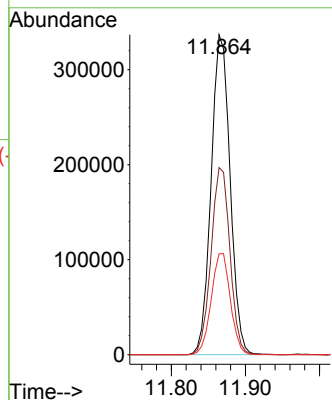
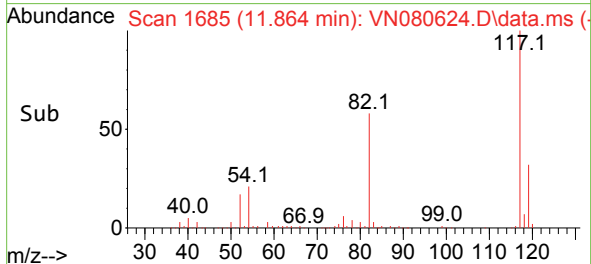


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

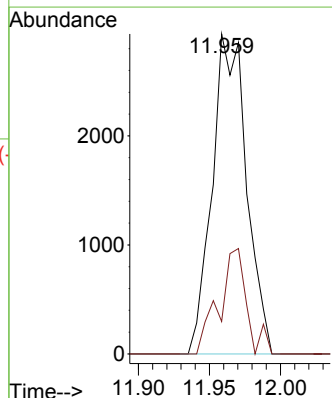
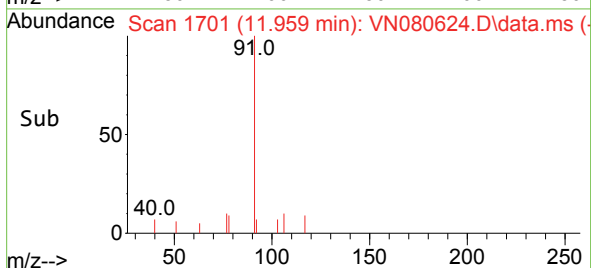
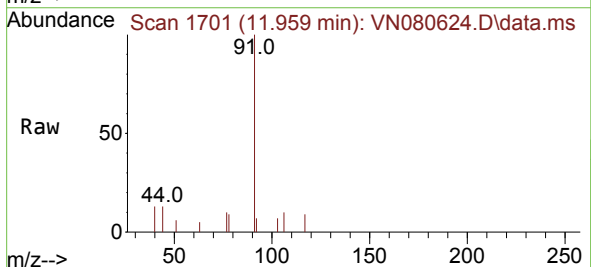


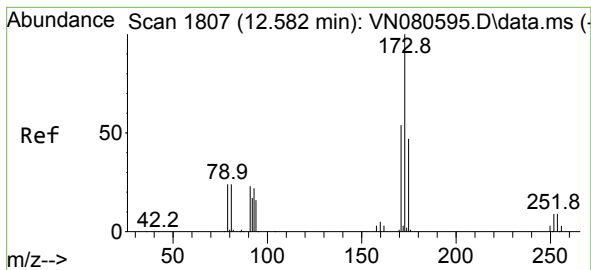
Tgt Ion:117 Resp: 598232
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.5 25.6 38.4



#67
Ethyl Benzene
Concen: 0.236 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

Tgt Ion: 91 Resp: 4914
Ion Ratio Lower Upper
91 100
106 10.2 25.6 38.4#





#71

Bromoform

Concen: 0.291 ug/l

RT: 12.841 min Scan# 1807

Delta R.T. 0.259 min

Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

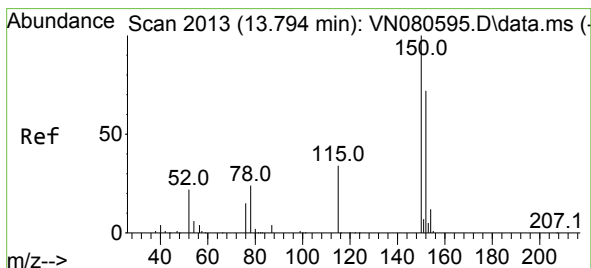
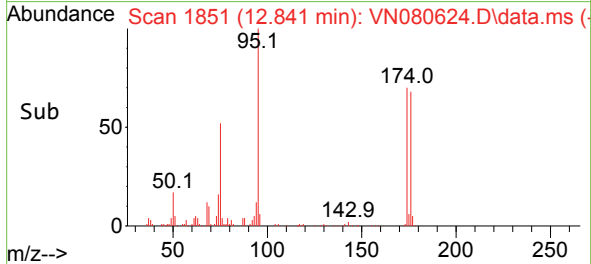
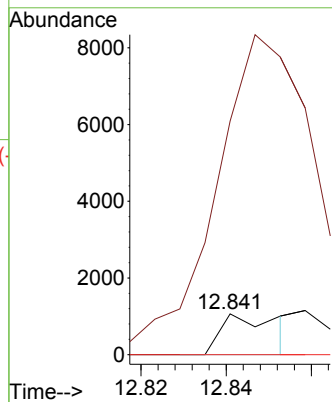
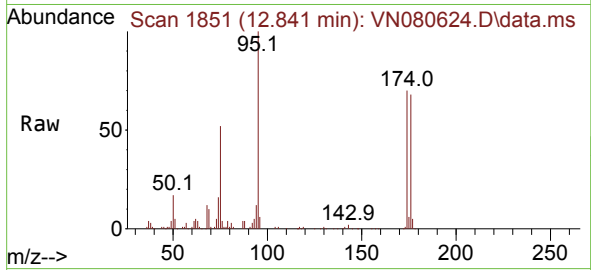
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 987

Ion	Ratio	Lower	Upper
173	100		
175	1216.6	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

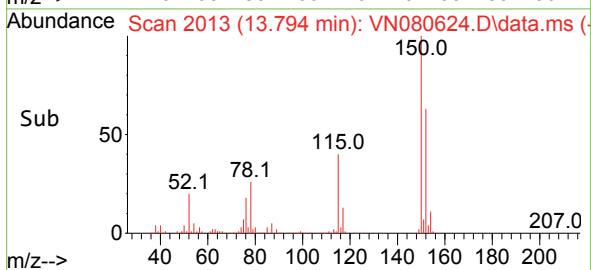
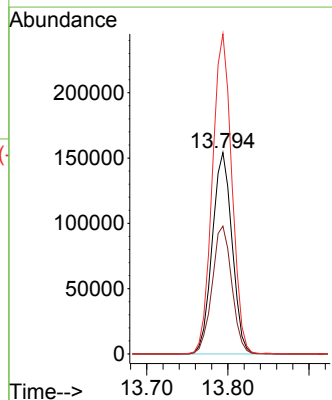
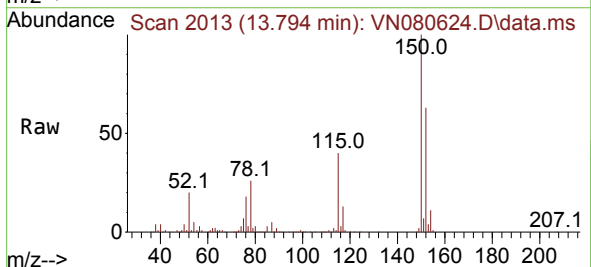
Delta R.T. -0.000 min

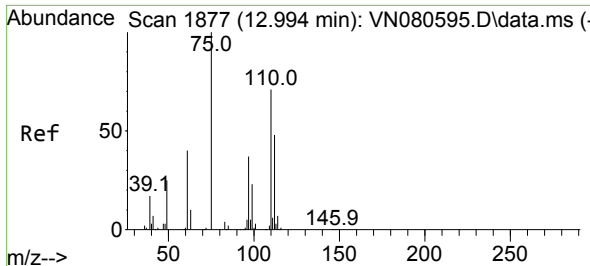
Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

Tgt Ion:152 Resp: 260929

Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.3	96.8
150	156.5	0.0	355.8

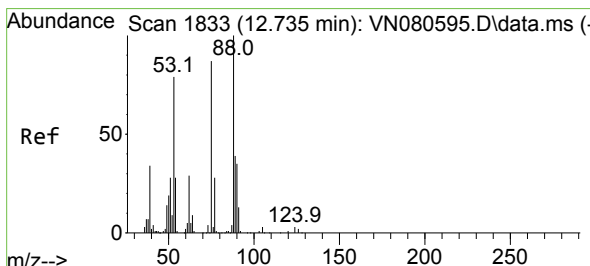
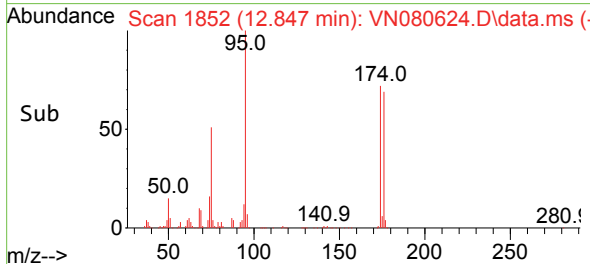
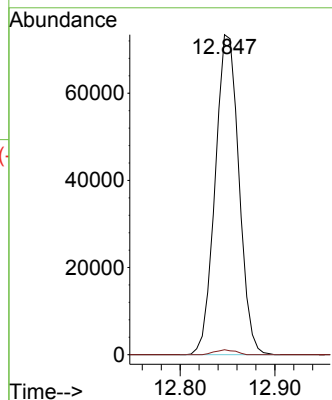
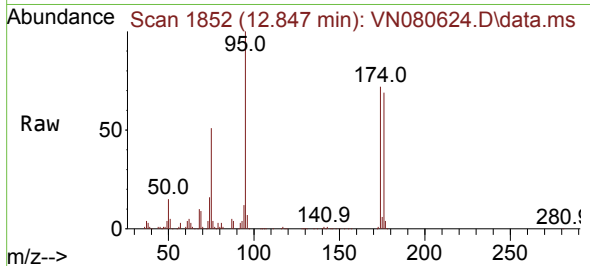




#76
1,2,3-Trichloropropane
Concen: 22.813 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

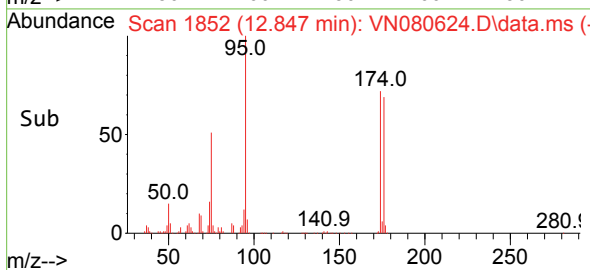
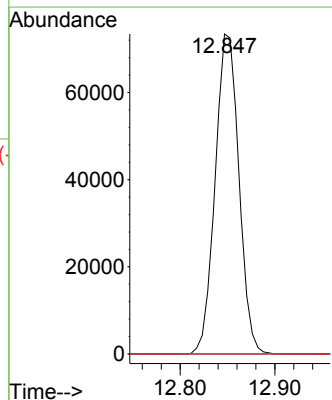
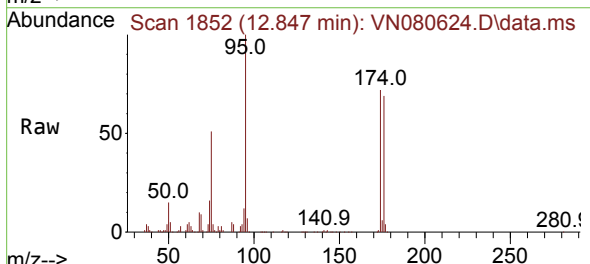
Instrument :
MSVOA_N
ClientSampleId :

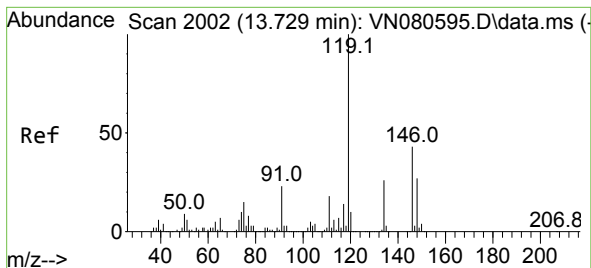
Tgt Ion: 75 Resp: 128032
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.796 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

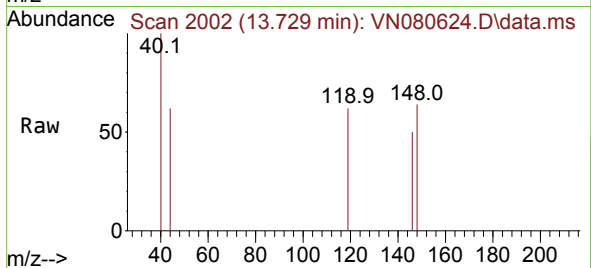
Tgt Ion: 75 Resp: 128032
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



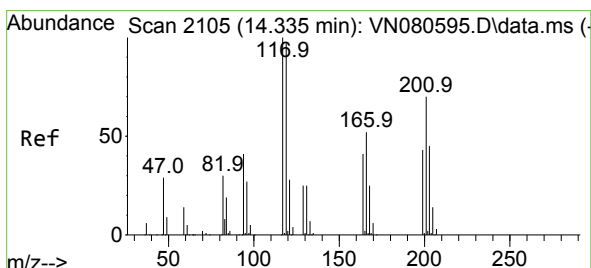
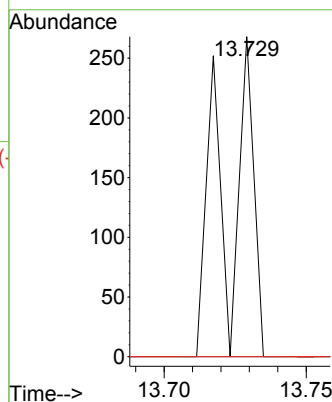
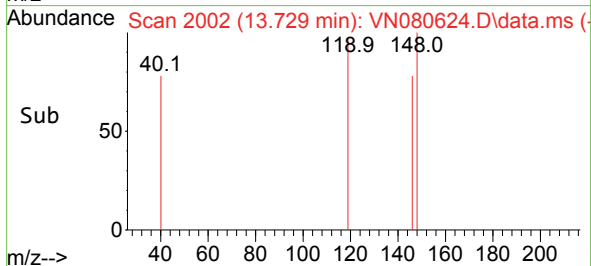


#86
p-Isopropyltoluene
Concen: 0.466 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

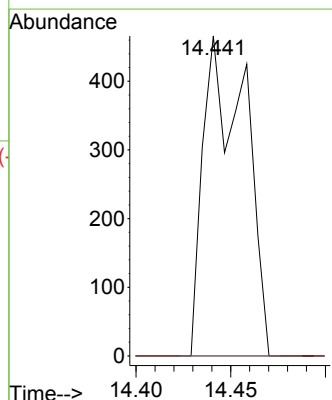
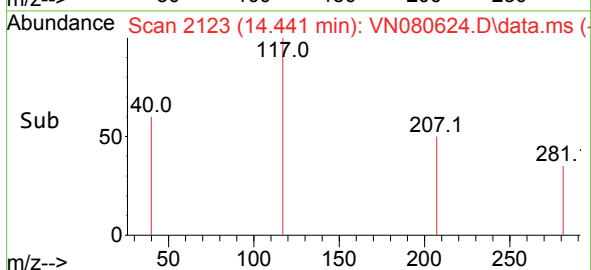
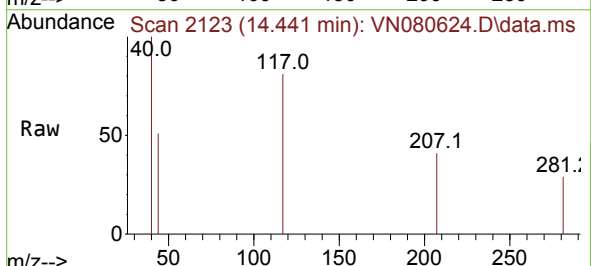


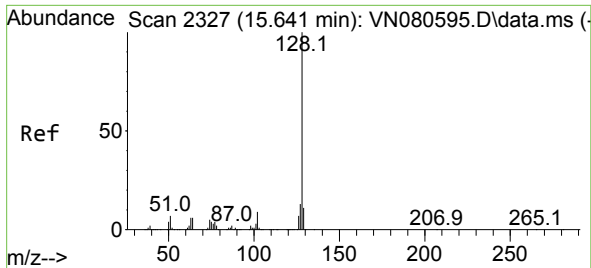
Tgt Ion:119 Resp: 183
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 0.0 12.4 37.2#



#90
Hexachloroethane
Concen: 0.274 ug/l
RT: 14.441 min Scan# 2123
Delta R.T. 0.106 min
Lab File: VN080624.D
Acq: 02 Jan 2024 14:56

Tgt Ion:117 Resp: 713
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#





#95

Naphthalene

Concen: 1.627 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

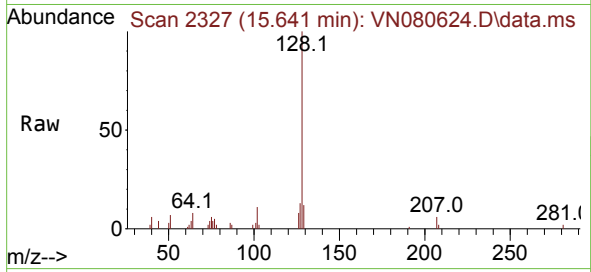
Lab File: VN080624.D

Acq: 02 Jan 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 22038

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 11.0 8.7 13.1

