

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080974.D
 Acq On : 08 Feb 2024 19:22
 Operator : JC\MD
 Sample : P1394-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 01:26:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

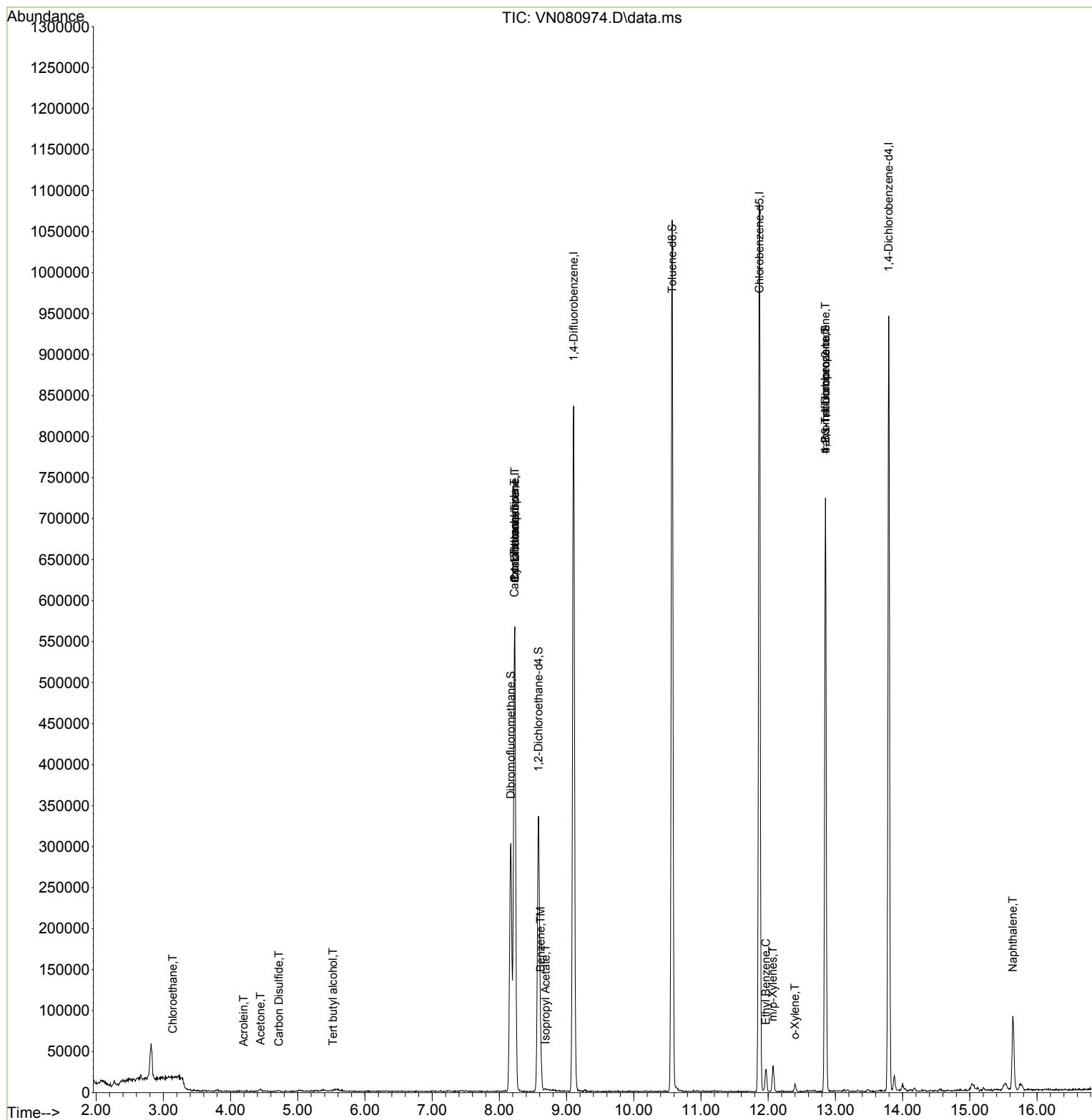
Internal Standards						
1) Pentafluorobenzene	8.230	168	401891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	754883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	259827	51.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.500%	
35) Dibromofluoromethane	8.171	113	217622	53.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.440%	
50) Toluene-d8	10.571	98	735145	50.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.853	95	251445	47.241	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	3453	Below Cal	#	83
6) Chloroethane	3.142	64	2010	0.479	ug/l #	42
11) Tert butyl alcohol	5.524	59	309	0.442	ug/l #	72
13) Acrolein	4.195	56	226	0.257	ug/l	94
16) Acetone	4.448	43	4157	2.492	ug/l	100
17) Carbon Disulfide	4.718	76	2351	0.216	ug/l #	78
18) Methyl Acetate	5.018	43	1020	Below Cal	#	72
31) Cyclohexane	8.230	56	9179	1.325	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	33455	5.552	ug/l #	52
38) Carbon Tetrachloride	8.224	117	46404	7.512	ug/l #	19
40) Benzene	8.612	78	55418	3.021	ug/l #	85
43) Isopropyl Acetate	8.688	43	1684	0.201	ug/l #	57
67) Ethyl Benzene	11.965	91	19760	0.857	ug/l	95
68) m/p-Xylenes	12.071	106	10615	1.212	ug/l	81
69) o-Xylene	12.400	106	2538	0.299	ug/l	88
76) 1,2,3-Trichloropropane	12.853	75	133718	26.476	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	133718	71.933	ug/l #	14
95) Naphthalene	15.641	128	91041	6.721	ug/l	99

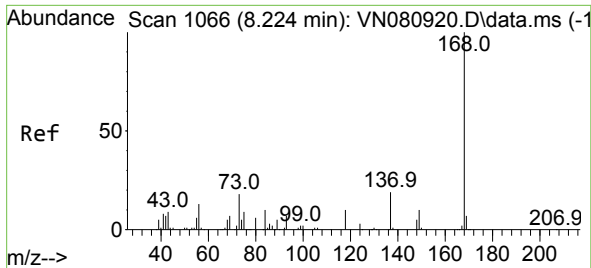
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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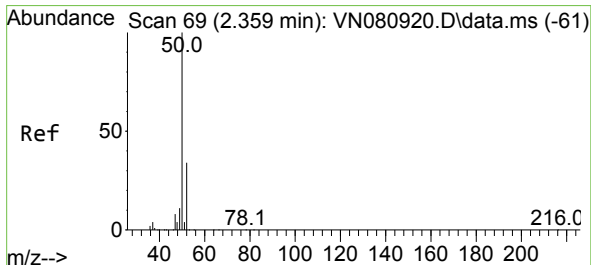
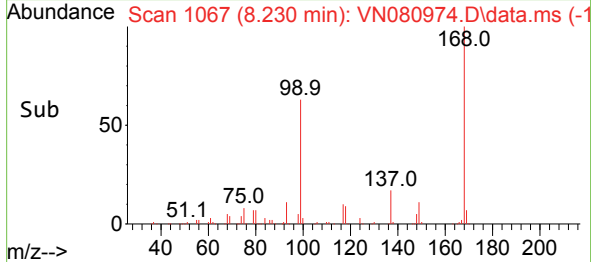
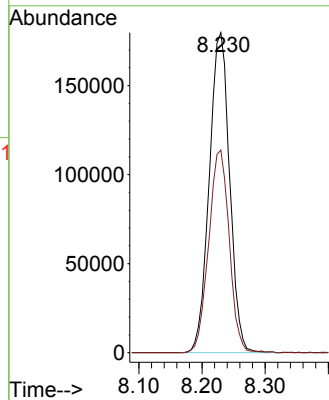
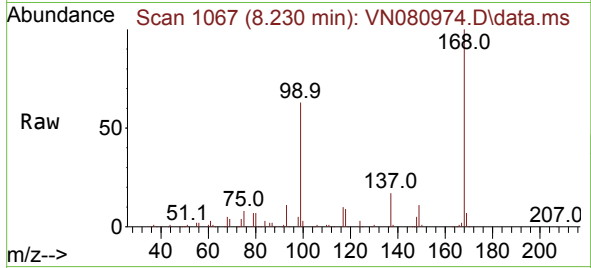




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

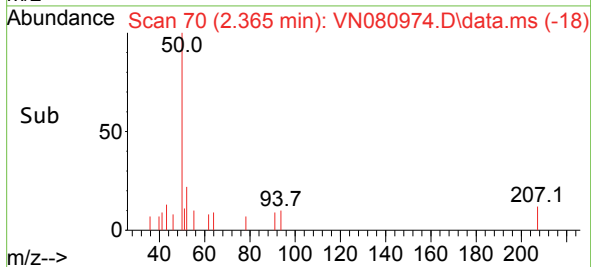
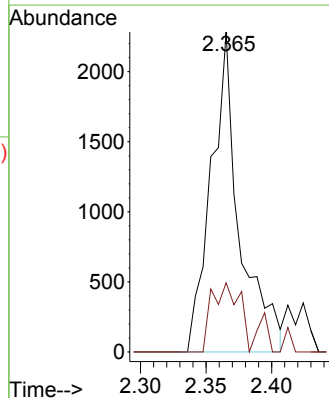
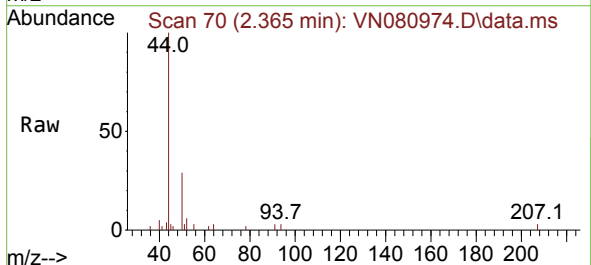
Instrument :
MSVOA_N
ClientSampleId :

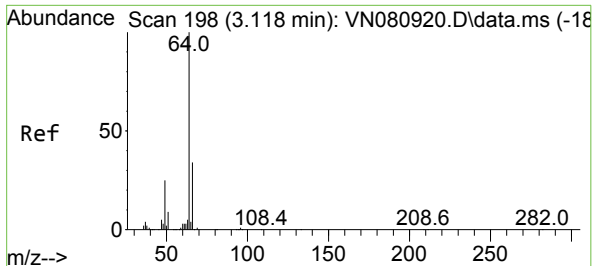
Tgt Ion:168 Resp: 401891
Ion Ratio Lower Upper
168 100
99 63.3 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 50 Resp: 3453
Ion Ratio Lower Upper
50 100
52 21.6 25.0 37.4#

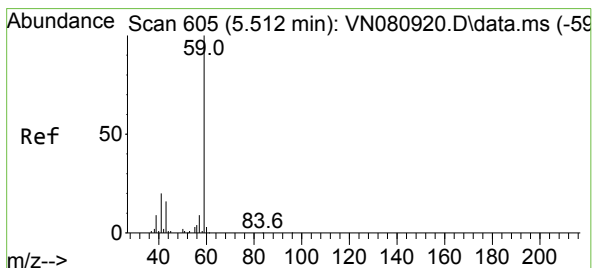
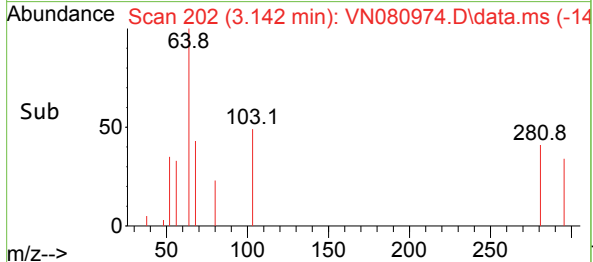
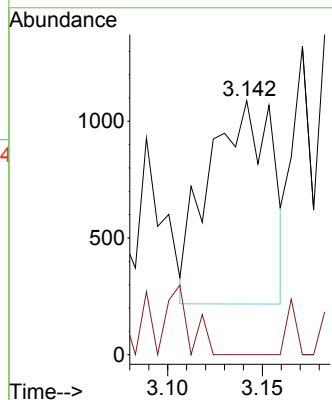
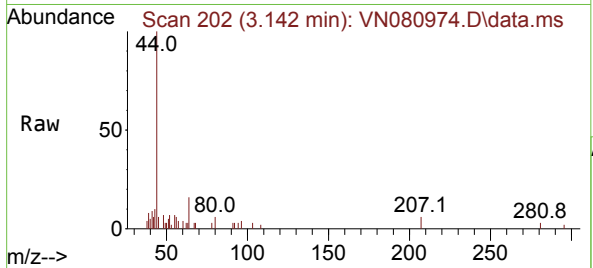




#6
Chloroethane
Concen: 0.479 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.023 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

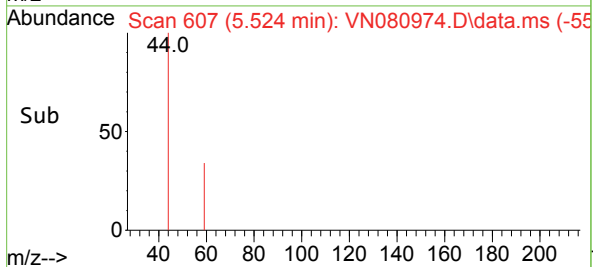
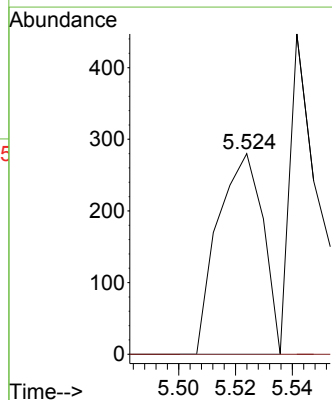
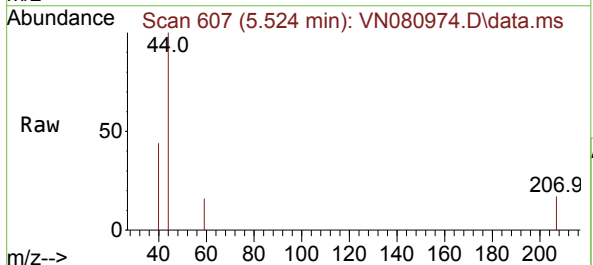
Instrument :
MSVOA_N
ClientSampleId :

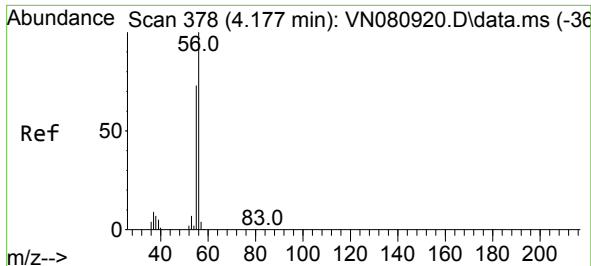
Tgt Ion: 64 Resp: 2010
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.442 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.257 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.018 min

Lab File: VN080974.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_N

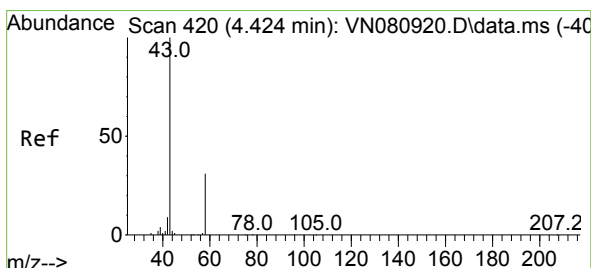
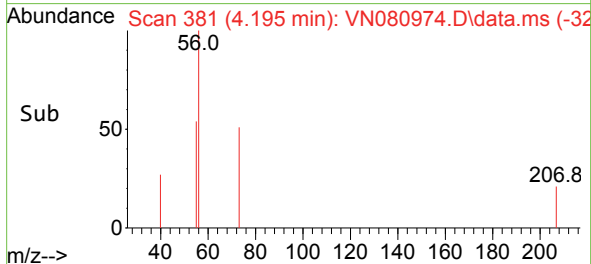
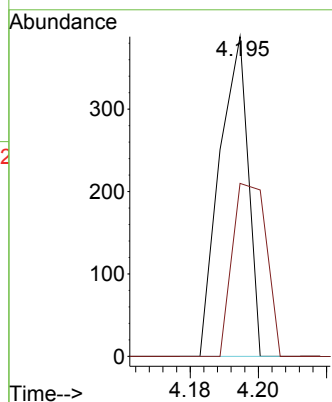
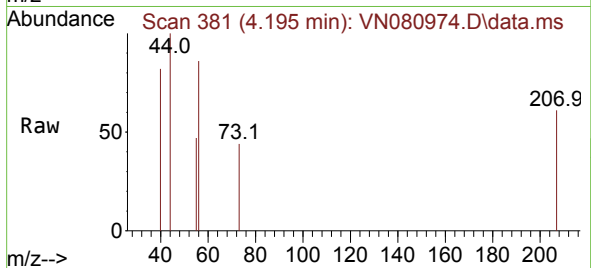
ClientSampleId :

Tgt Ion: 56 Resp: 226

Ion Ratio Lower Upper

56 100

55 64.2 55.3 82.9



#16

Acetone

Concen: 2.492 ug/l

RT: 4.448 min Scan# 424

Delta R.T. 0.023 min

Lab File: VN080974.D

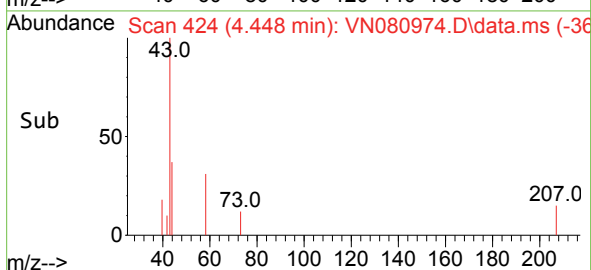
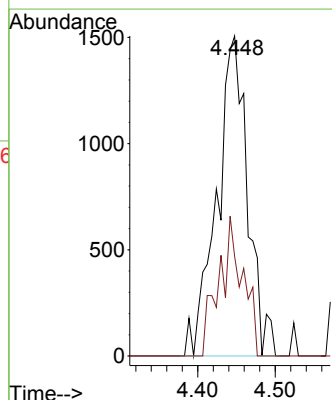
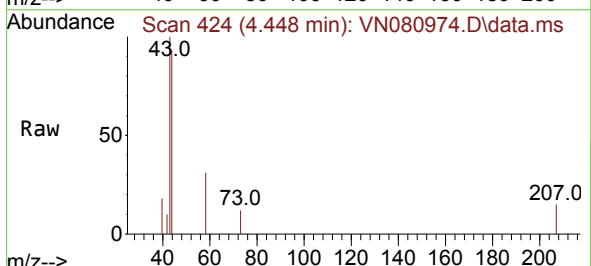
Acq: 08 Feb 2024 19:22

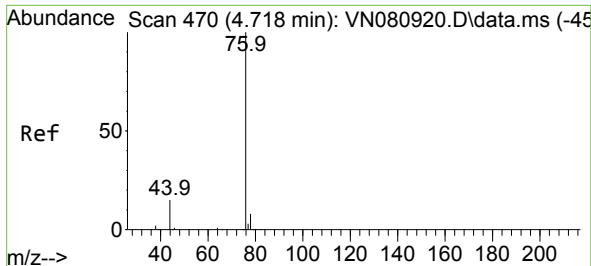
Tgt Ion: 43 Resp: 4157

Ion Ratio Lower Upper

43 100

58 31.2 24.8 37.2

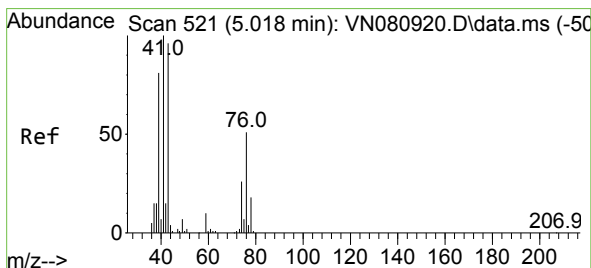
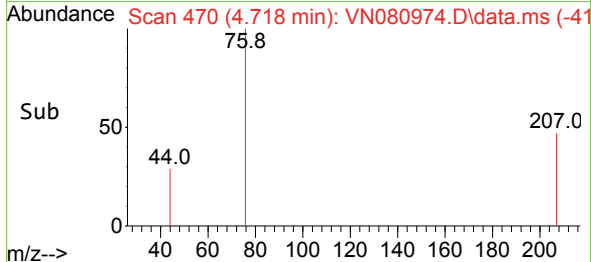
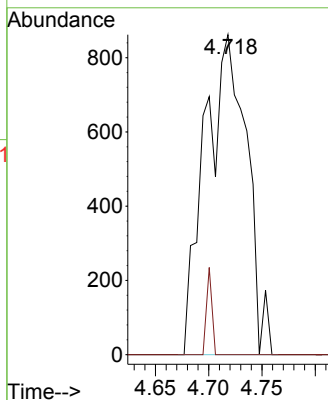
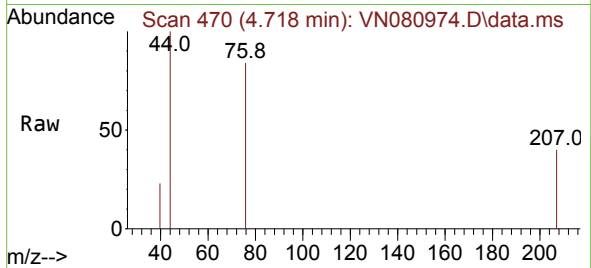




#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

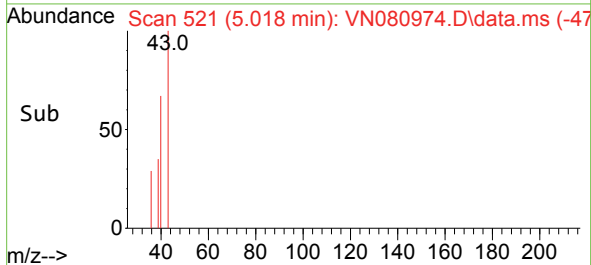
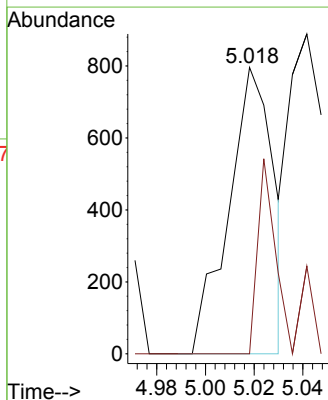
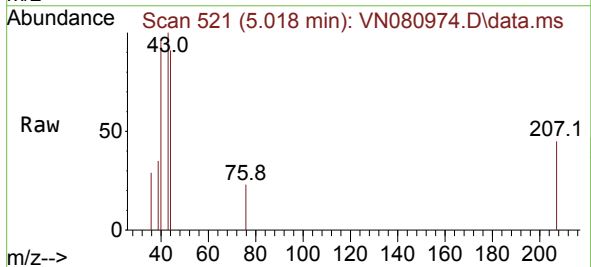
Instrument :
MSVOA_N
ClientSampleId :

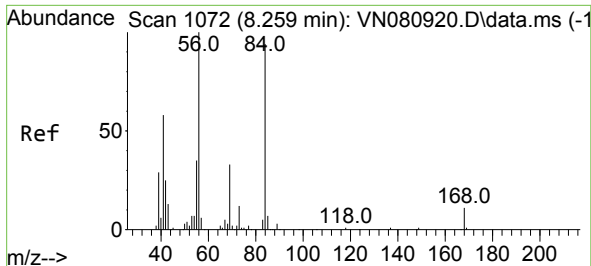
Tgt Ion: 76 Resp: 2351
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

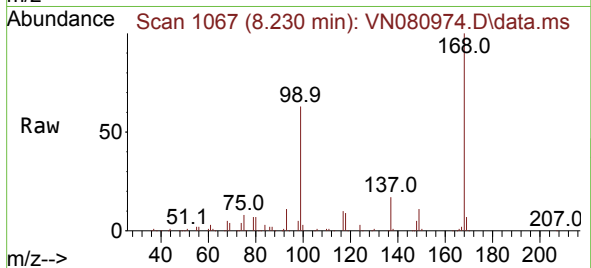
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
74 35.0 17.3 25.9#



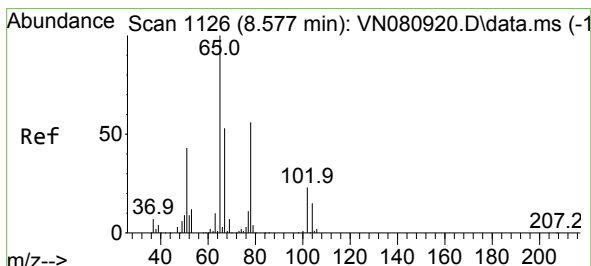
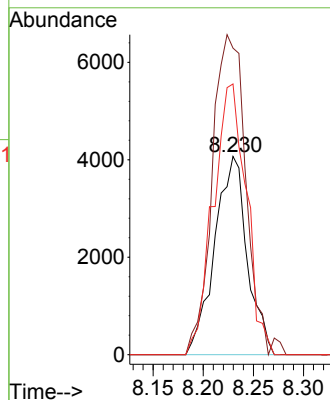
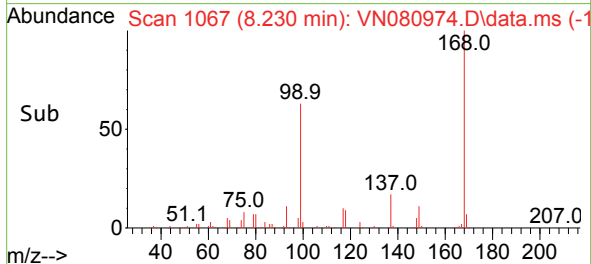


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :

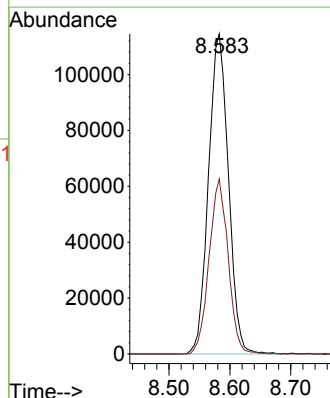
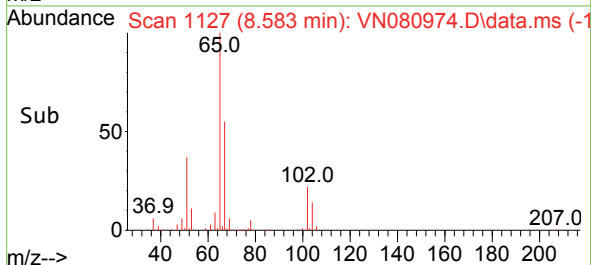
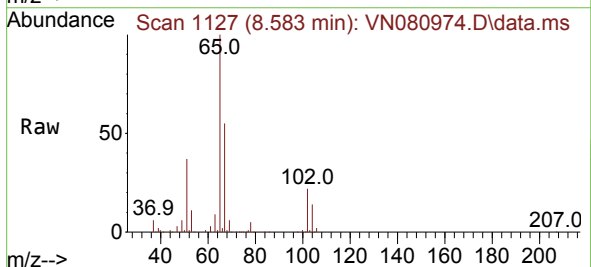


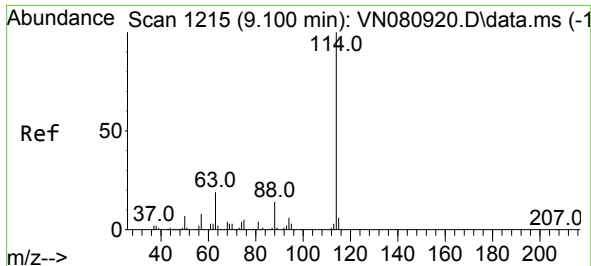
Tgt Ion: 56 Resp: 9179
Ion Ratio Lower Upper
56 100
69 154.7 20.1 30.1#
84 136.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.249 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 65 Resp: 259827
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

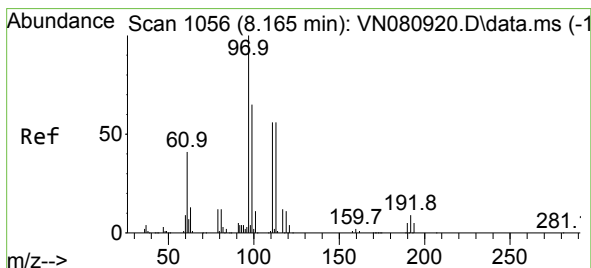
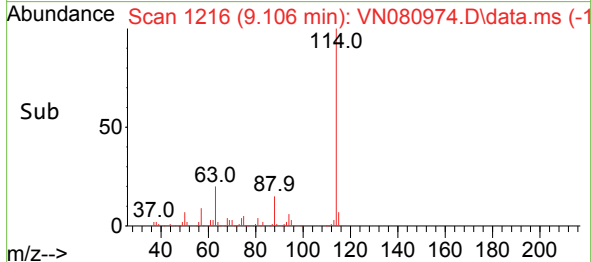
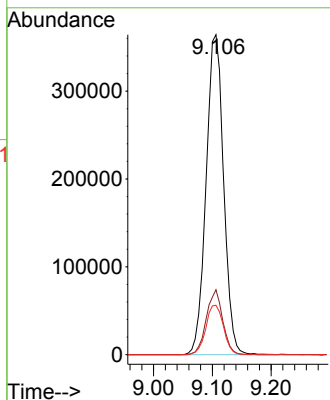
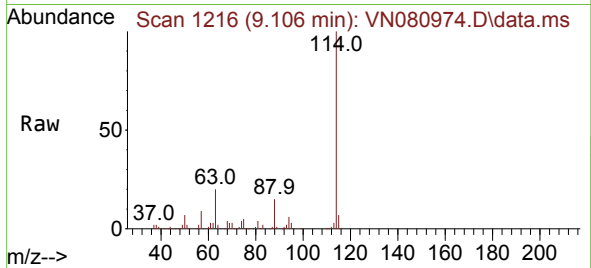




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

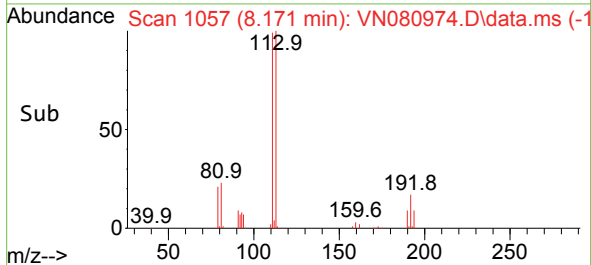
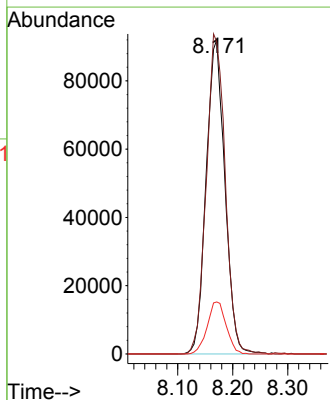
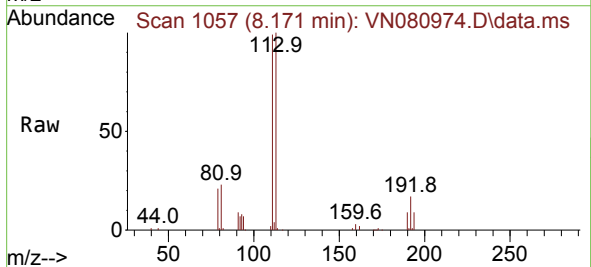
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MSVOA_N
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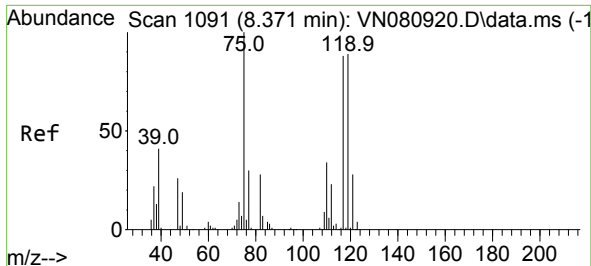
Tgt Ion:114 Resp: 754883
Ion Ratio Lower Upper
114 100
63 20.3 0.0 48.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.725 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

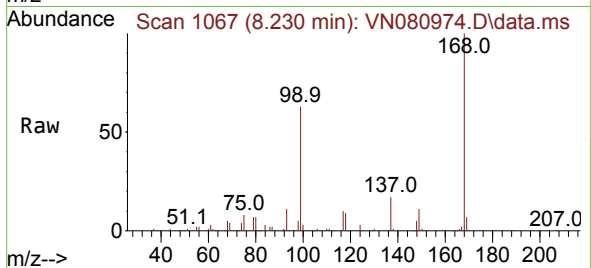
Tgt Ion:113 Resp: 217622
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.8 12.5 18.7



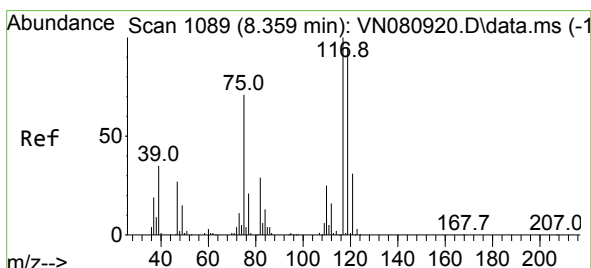
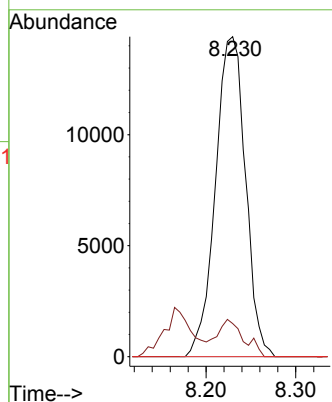
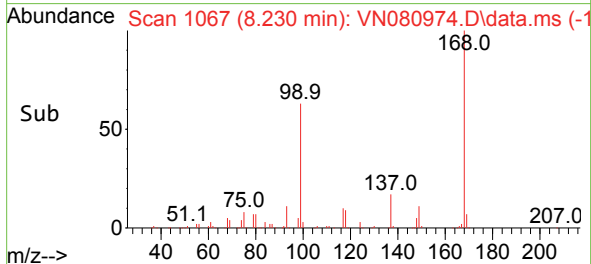


#36
1,1-Dichloropropene
Concen: 5.552 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :

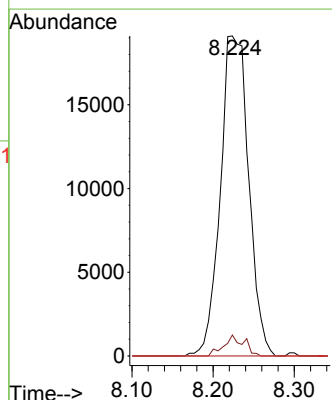
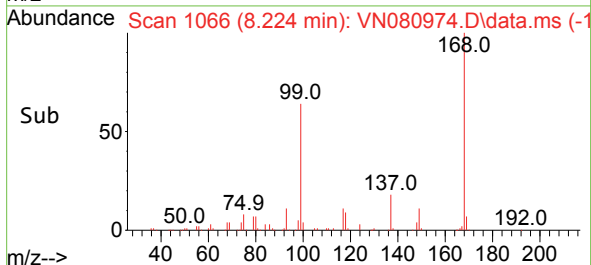
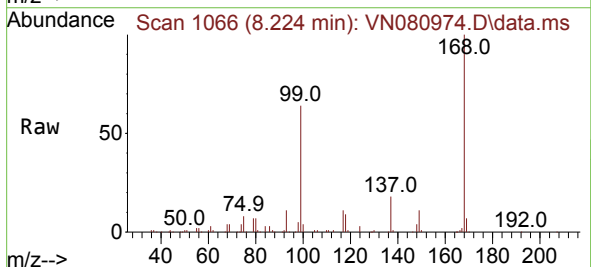


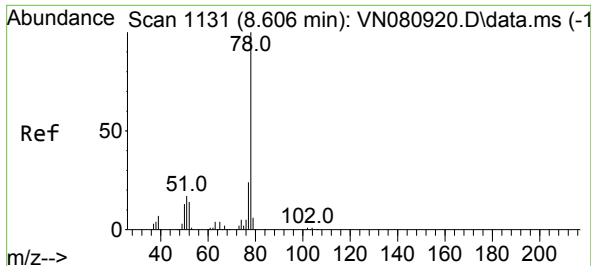
Tgt Ion: 75 Resp: 33455
Ion Ratio Lower Upper
75 100
110 10.4 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 7.512 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 117 Resp: 46404
Ion Ratio Lower Upper
117 100
119 6.6 73.4 110.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 3.021 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080974.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_N

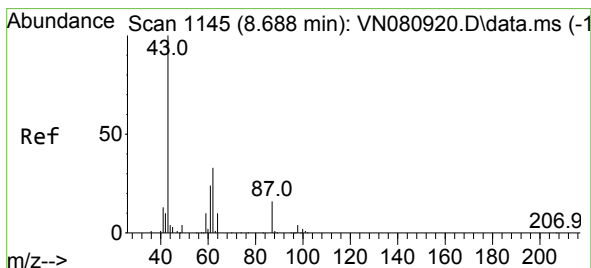
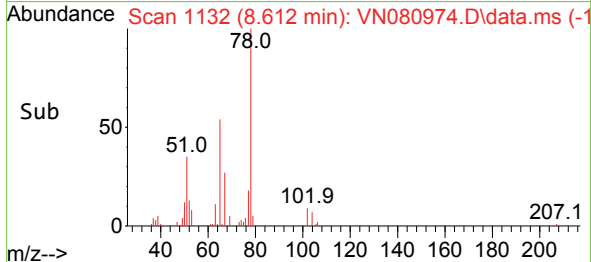
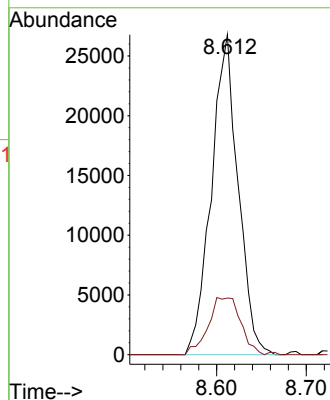
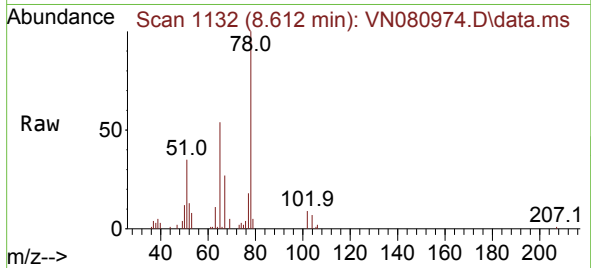
ClientSampleId :

Tgt Ion: 78 Resp: 55418

Ion Ratio Lower Upper

78 100

77 17.7 20.4 30.6#



#43

Isopropyl Acetate

Concen: 0.201 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080974.D

Acq: 08 Feb 2024 19:22

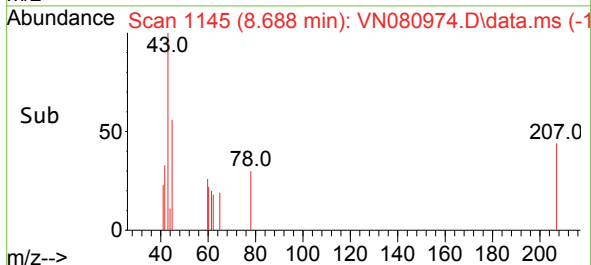
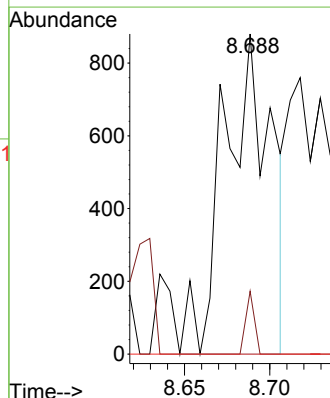
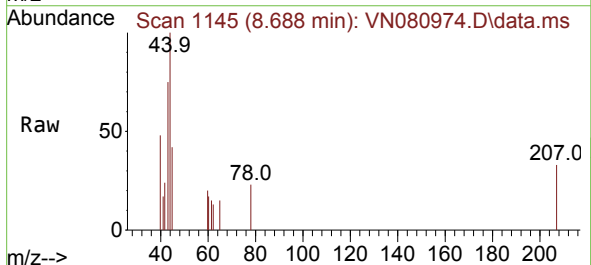
Tgt Ion: 43 Resp: 1684

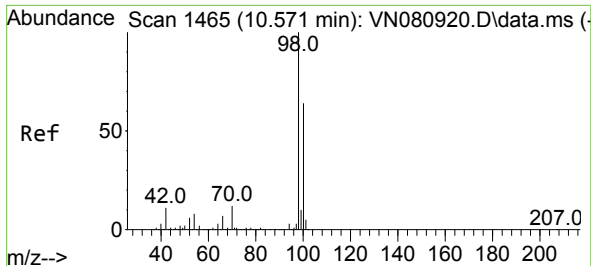
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

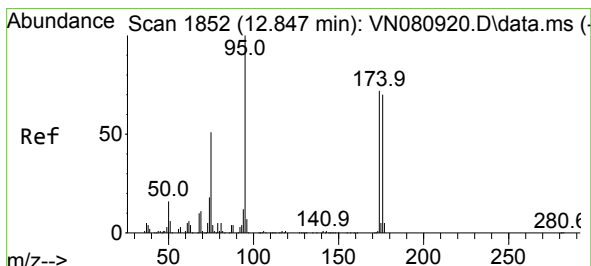
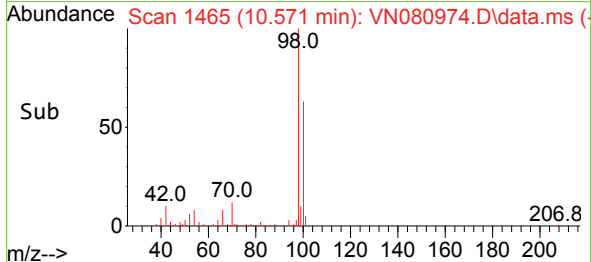
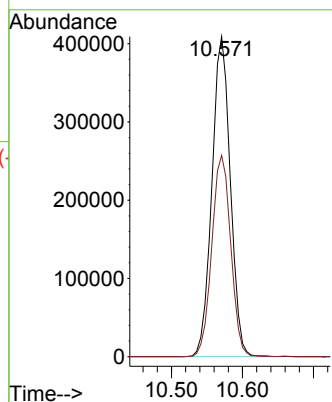
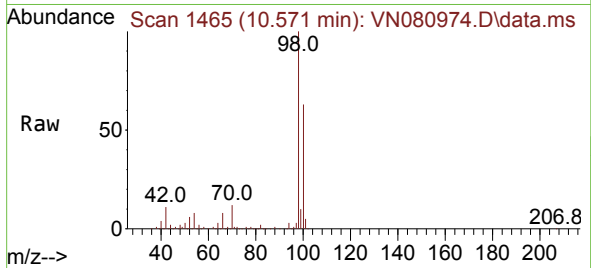




#50
Toluene-d8
Concen: 50.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

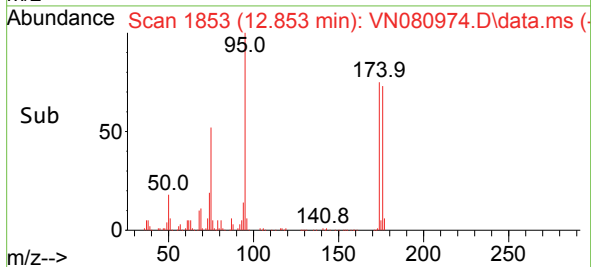
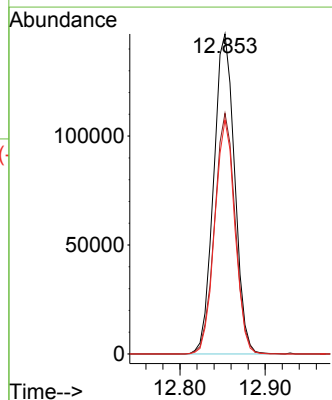
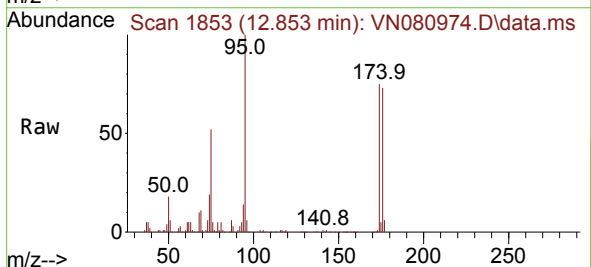
Instrument :
MSVOA_N
ClientSampleId :

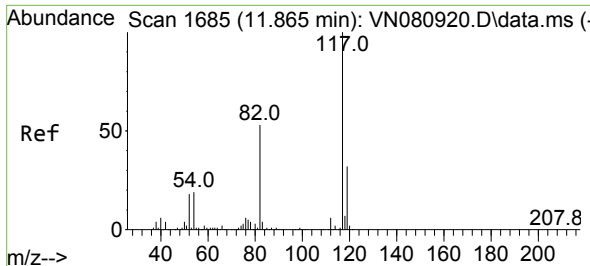
Tgt Ion: 98 Resp: 735145
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

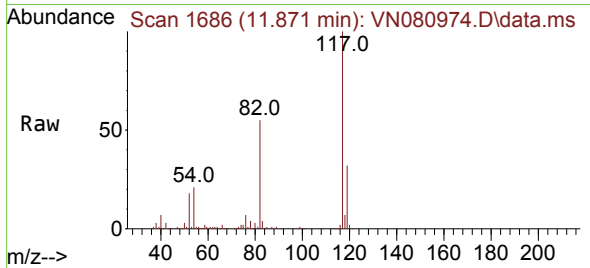
Tgt Ion: 95 Resp: 251445
Ion Ratio Lower Upper
95 100
174 74.0 0.0 120.4
176 70.3 0.0 121.0



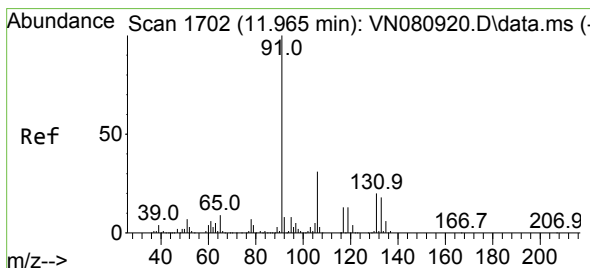
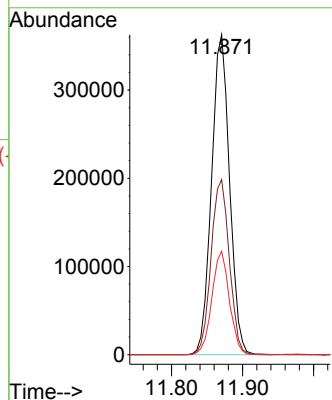
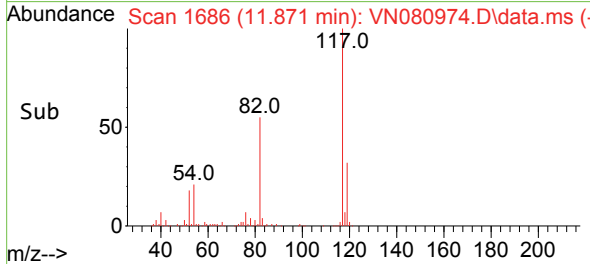


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :

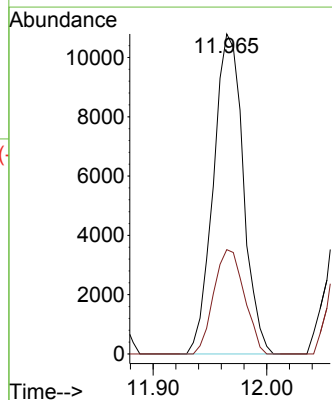
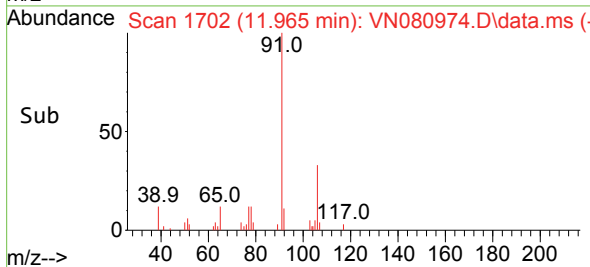
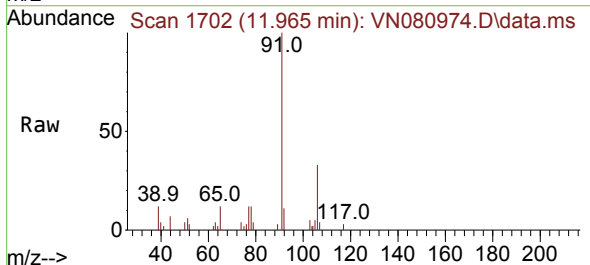


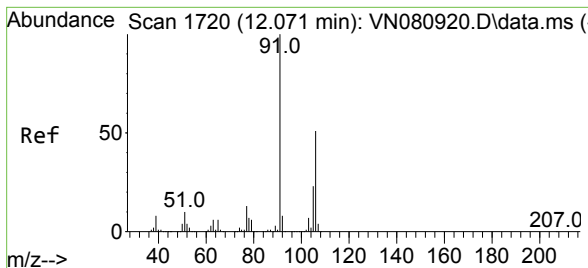
Tgt Ion:117 Resp: 638471
Ion Ratio Lower Upper
117 100
82 54.7 52.7 79.1
119 32.3 25.3 37.9



#67
Ethyl Benzene
Concen: 0.857 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 91 Resp: 19760
Ion Ratio Lower Upper
91 100
106 32.6 23.8 35.6

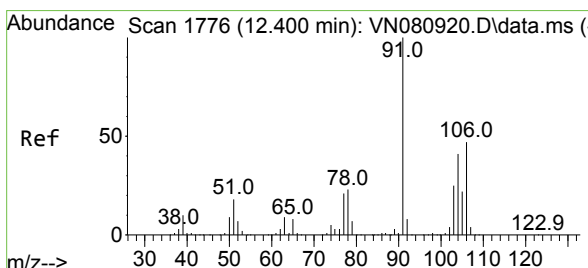
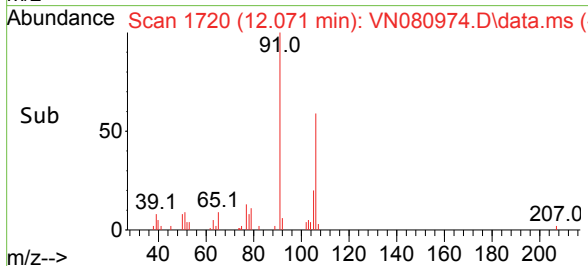
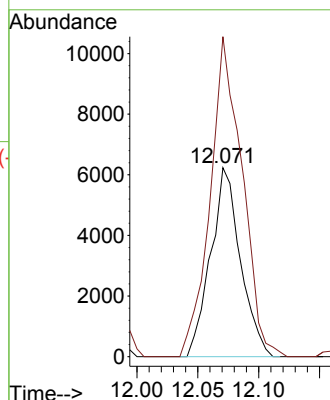
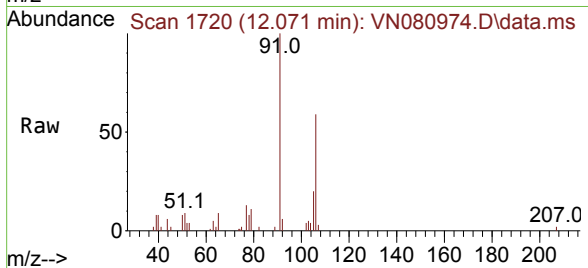




#68
m/p-Xylenes
Concen: 1.212 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

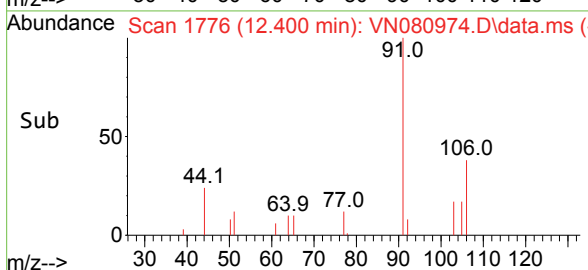
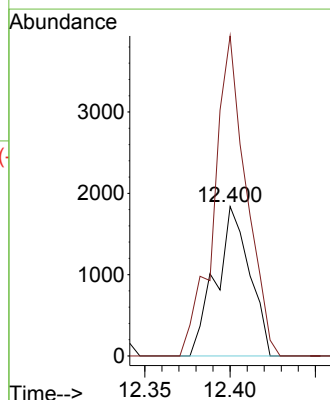
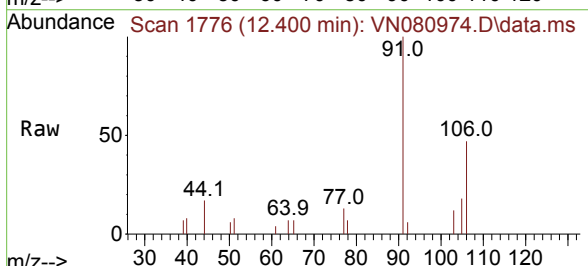
Instrument :
MSVOA_N
ClientSampleId :

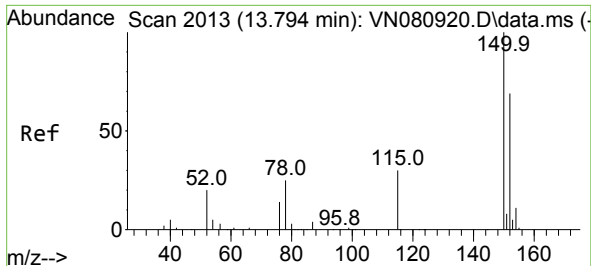
Tgt Ion:106 Resp: 10615
Ion Ratio Lower Upper
106 100
91 181.5 169.0 253.6



#69
o-Xylene
Concen: 0.299 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

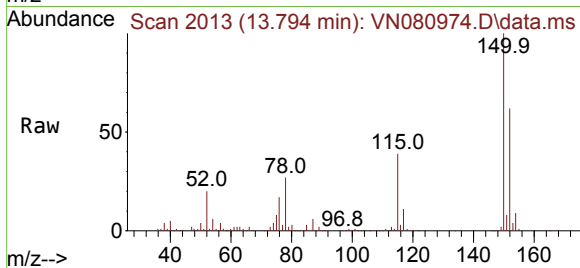
Tgt Ion:106 Resp: 2538
Ion Ratio Lower Upper
106 100
91 205.3 112.1 336.3



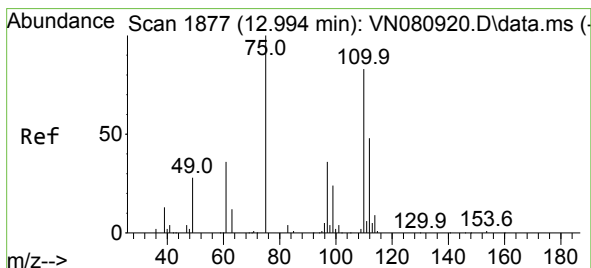
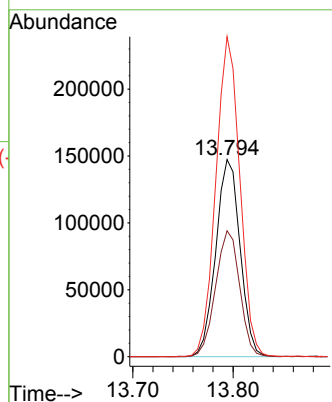
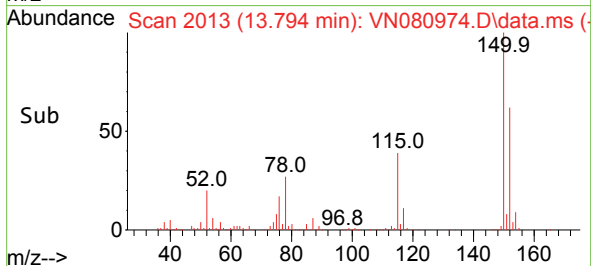


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080974.D
 Acq: 08 Feb 2024 19:22

Instrument :
 MSVOA_N
 ClientSampleId :

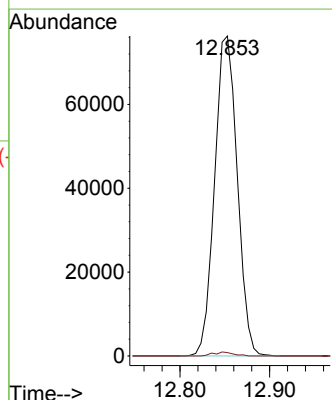
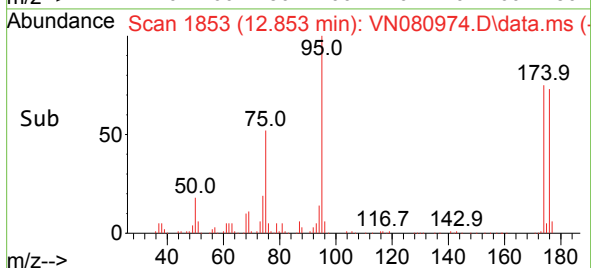
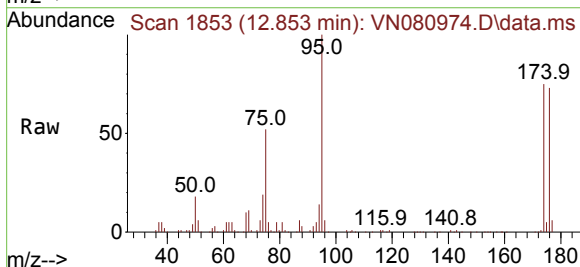


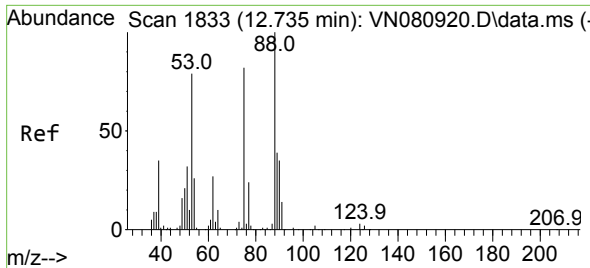
Tgt Ion:152 Resp: 247700
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 160.2 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 26.476 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080974.D
 Acq: 08 Feb 2024 19:22

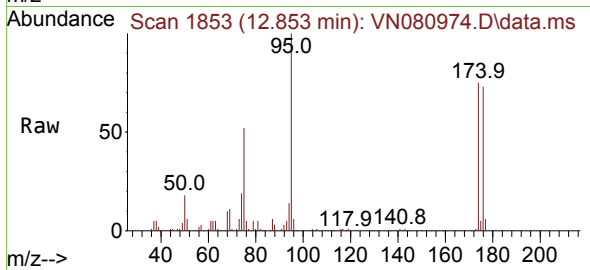
Tgt Ion: 75 Resp: 133718
 Ion Ratio Lower Upper
 75 100
 77 1.1 91.0 272.8#



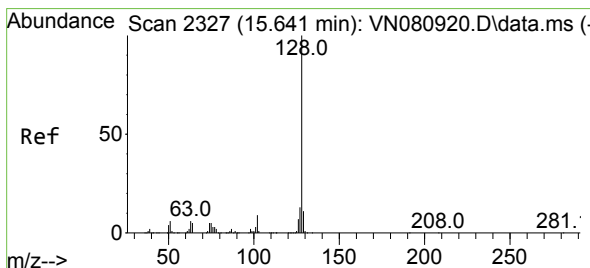
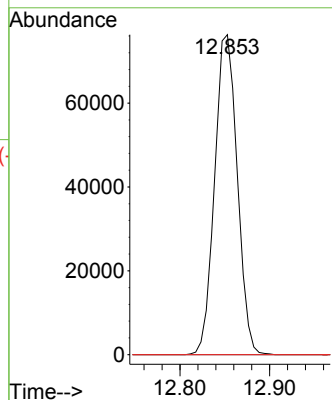
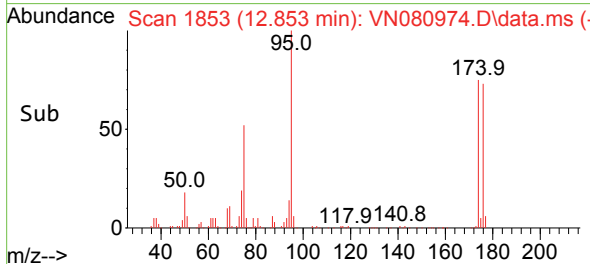


#81
trans-1,4-Dichloro-2-butene
Concen: 71.933 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 133718
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#95
Naphthalene
Concen: 6.721 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080974.D
Acq: 08 Feb 2024 19:22

Tgt Ion:128 Resp: 91041
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.1 8.7 13.1

