

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081274.D
 Acq On : 01 Mar 2024 10:25
 Operator : JC\MD
 Sample : VN0301MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301MBL01

Quant Time: Mar 01 22:12:52 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)

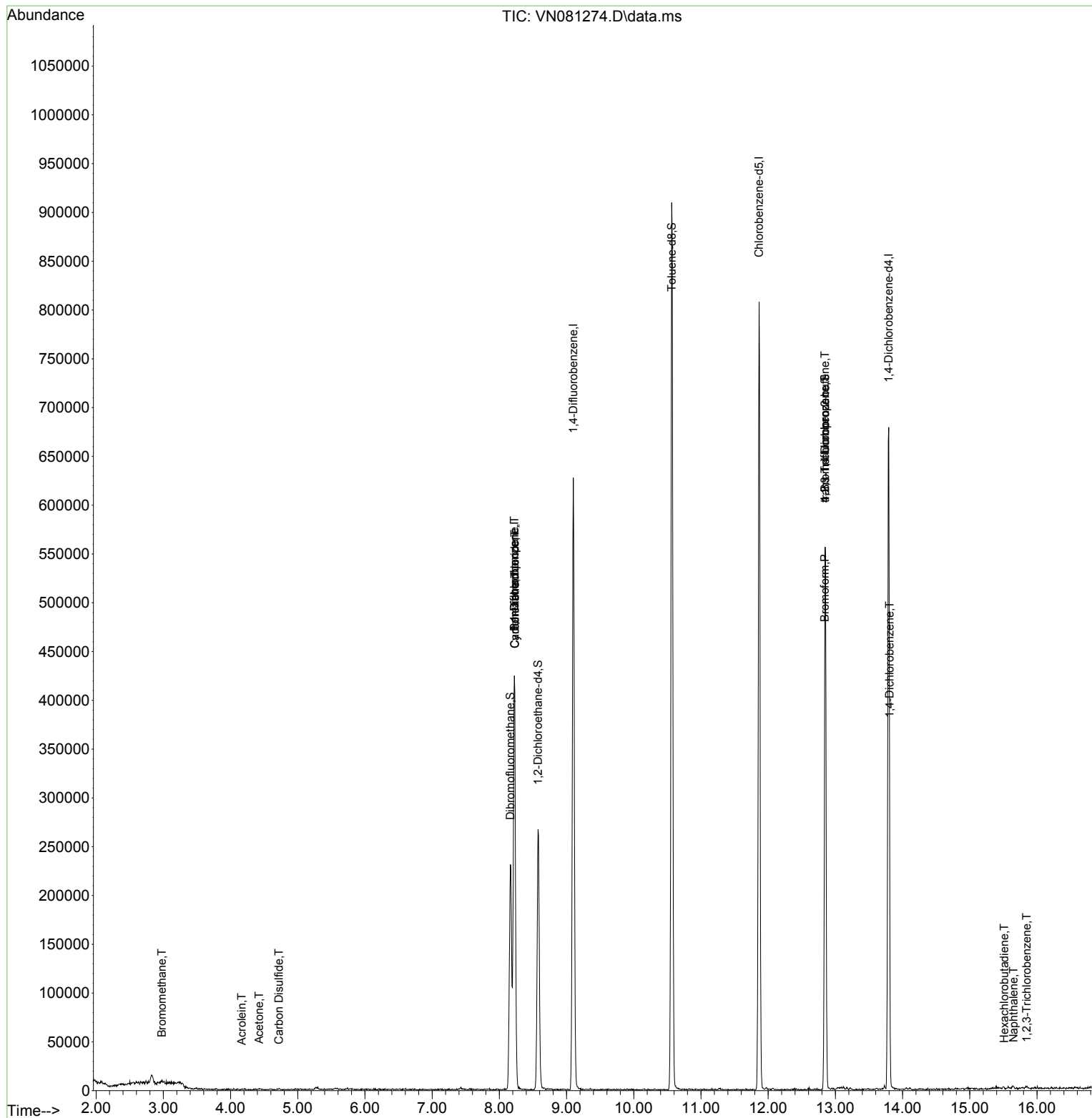
Internal Standards						
1) Pentafluorobenzene	8.224	168	288998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	536728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	454976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214327	60.505	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	121.000%	
35) Dibromofluoromethane	8.165	113	162737	53.620	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.240%	
50) Toluene-d8	10.565	98	637470	59.137	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	118.280%#	
62) 4-Bromofluorobenzene	12.847	95	189915	46.887	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.348	50	1152	Below Cal	#	70
5) Bromomethane	2.977	94	1055	0.358	ug/l #	42
6) Chloroethane	3.130	64	171	Below Cal	#	42
13) Acrolein	4.165	56	217	0.621	ug/l #	76
16) Acetone	4.424	43	717	0.514	ug/l #	44
17) Carbon Disulfide	4.718	76	2158	0.237	ug/l #	79
20) Methylene Chloride	5.271	84	558	Below Cal	#	20
31) Cyclohexane	8.230	56	8075	1.320	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	27081	5.208	ug/l #	52
38) Carbon Tetrachloride	8.230	117	32800	6.235	ug/l #	17
71) Bromoform	12.841	173	2059	0.918	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	106732	26.315	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	106732	67.732	ug/l #	14
88) 1,4-Dichlorobenzene	13.806	146	1514	0.234	ug/l #	1
94) Hexachlorobutadiene	15.512	225	588	0.445	ug/l #	64
95) Naphthalene	15.653	128	3602	0.278	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	735	0.209	ug/l #	85

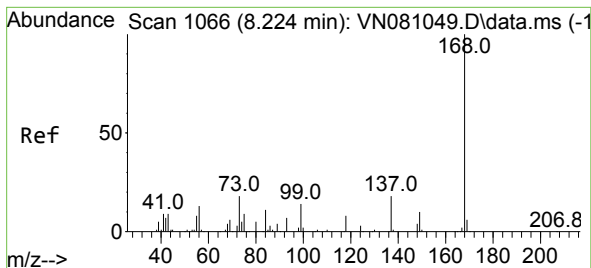
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

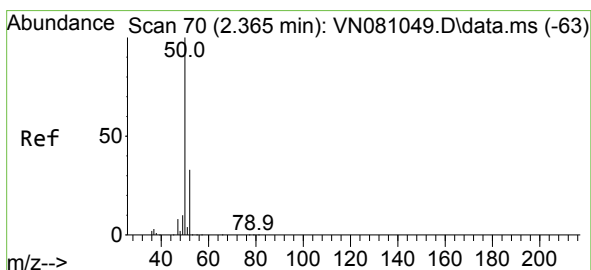
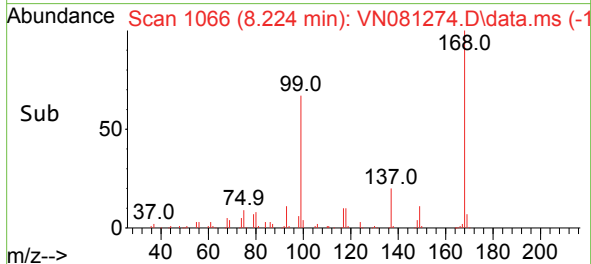
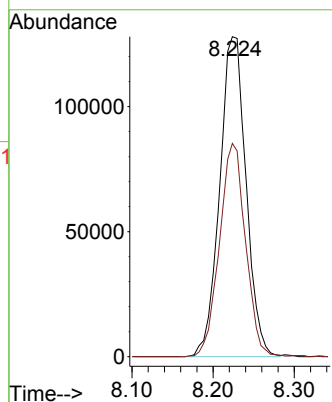
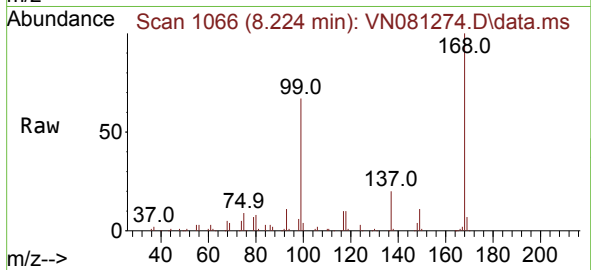
VN0301MBL01

Tgt Ion:168 Resp: 288998

Ion Ratio Lower Upper

168 100

99 66.7 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.348 min Scan# 67

Delta R.T. -0.017 min

Lab File: VN081274.D

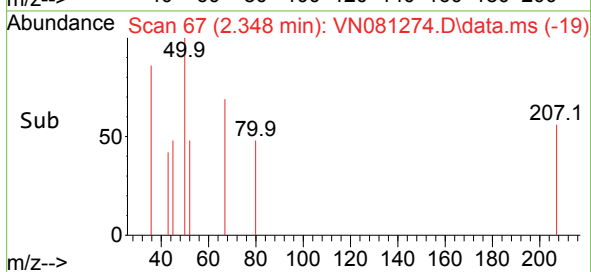
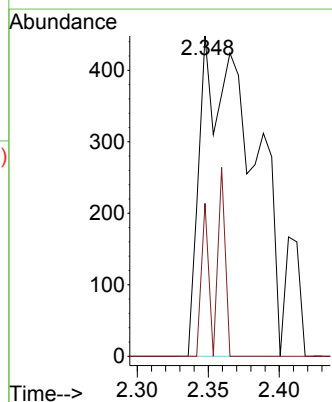
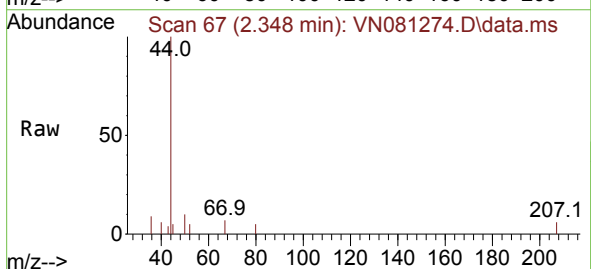
Acq: 01 Mar 2024 10:25

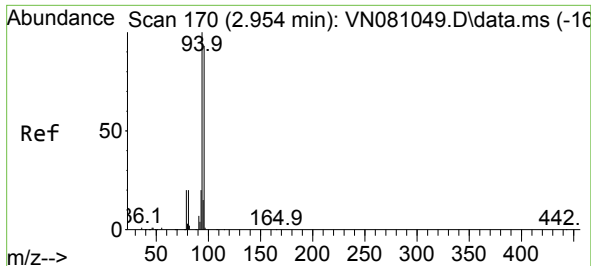
Tgt Ion: 50 Resp: 1152

Ion Ratio Lower Upper

50 100

52 47.8 25.0 37.4#

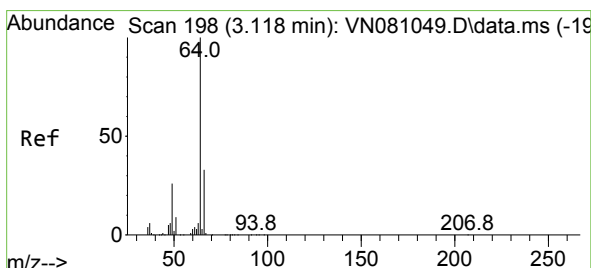
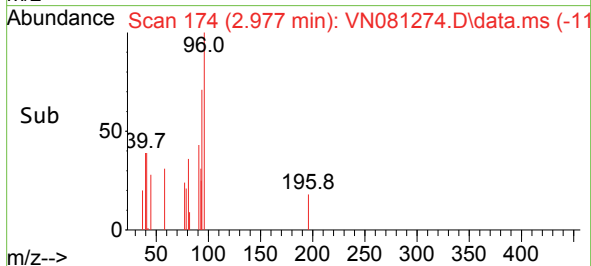
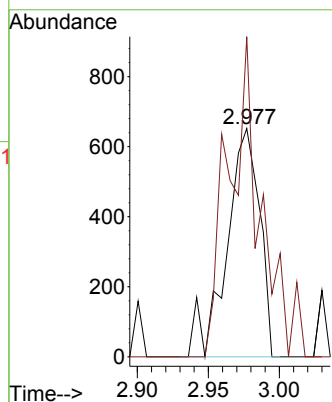
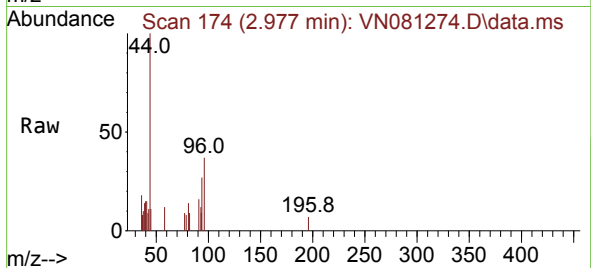




#5
Bromomethane
Concen: 0.358 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

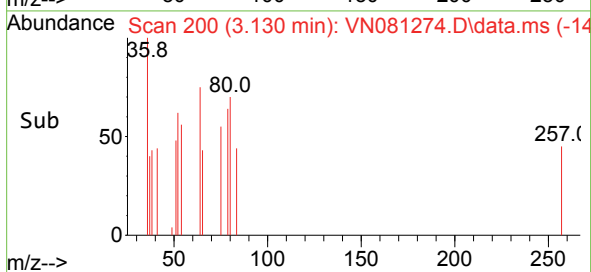
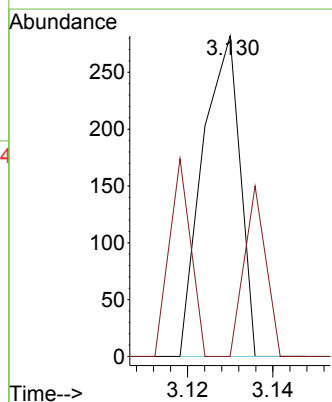
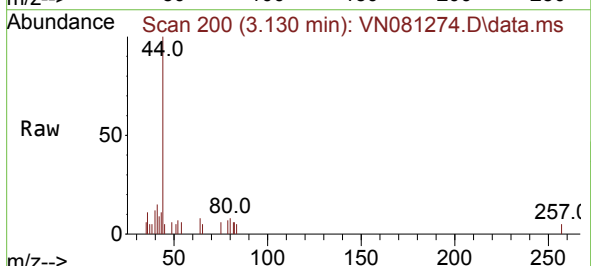
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

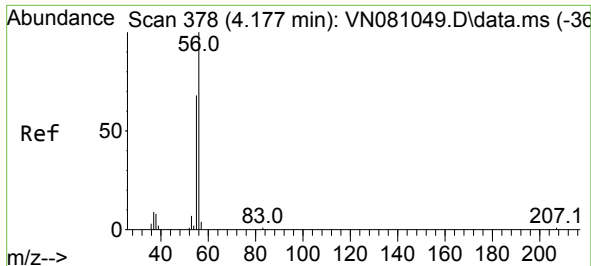
Tgt Ion: 94 Resp: 1055
Ion Ratio Lower Upper
94 100
96 140.2 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

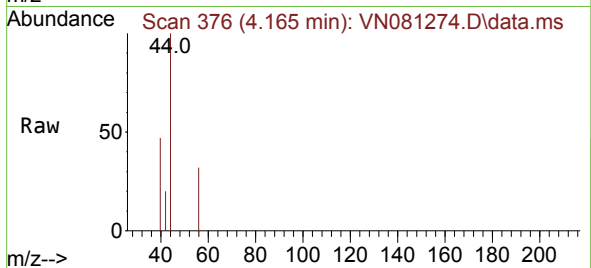
Tgt Ion: 64 Resp: 171
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



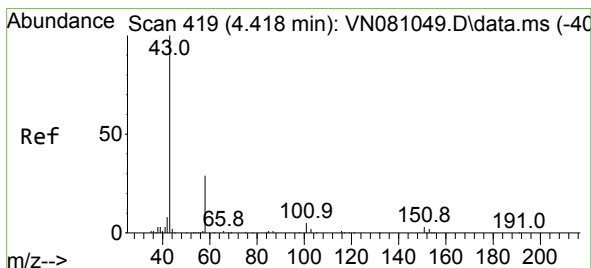
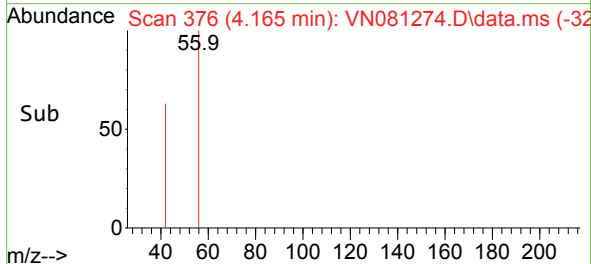
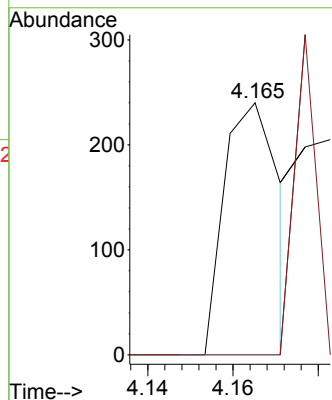


#13
Acrolein
Concen: 0.621 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

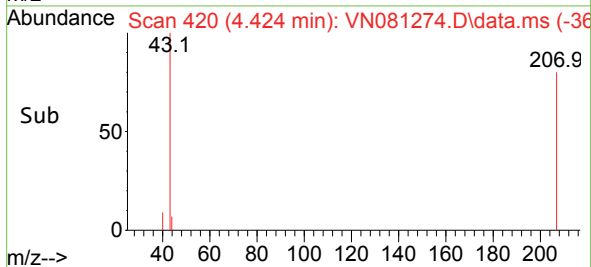
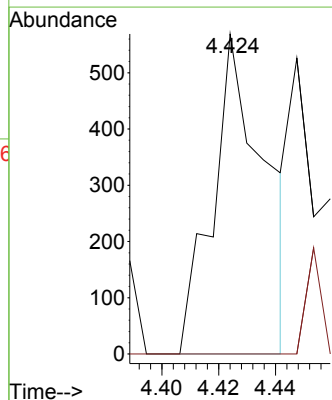
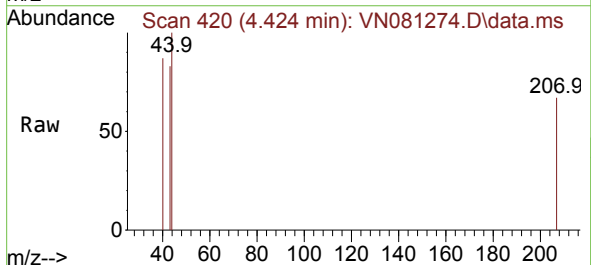


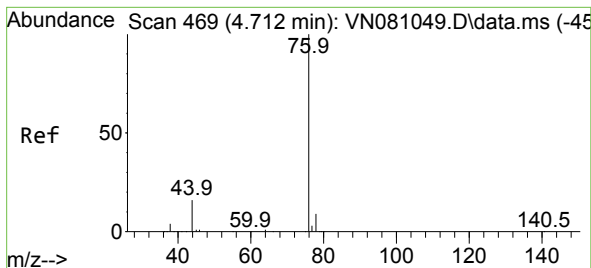
Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 49.8 55.3 82.9#



#16
Acetone
Concen: 0.514 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.237 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

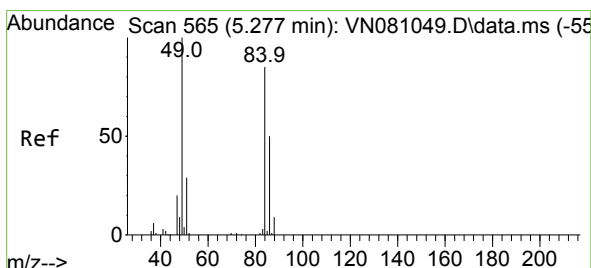
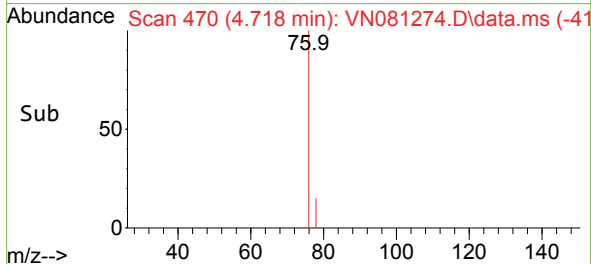
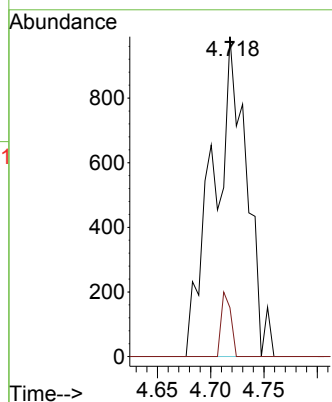
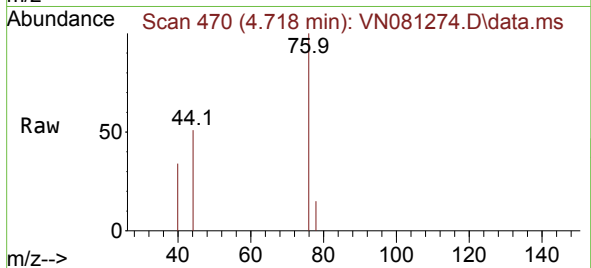
VN0301MBL01

Tgt Ion: 76 Resp: 2158

Ion Ratio Lower Upper

76 100

78 15.3 6.3 9.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Tgt Ion: 84 Resp: 558

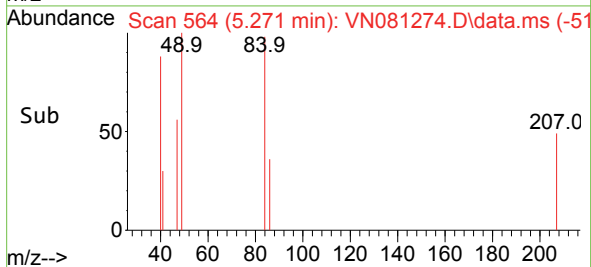
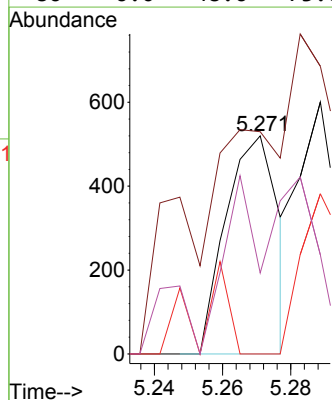
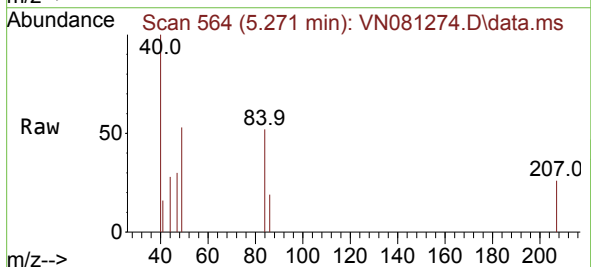
Ion Ratio Lower Upper

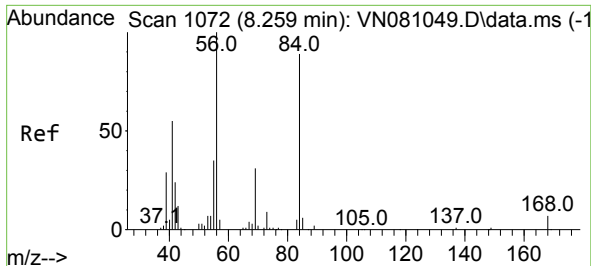
84 100

49 30.0 108.1 162.1#

51 0.0 32.9 49.3#

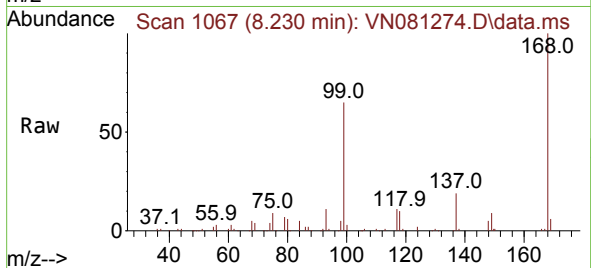
86 6.0 48.6 73.0#



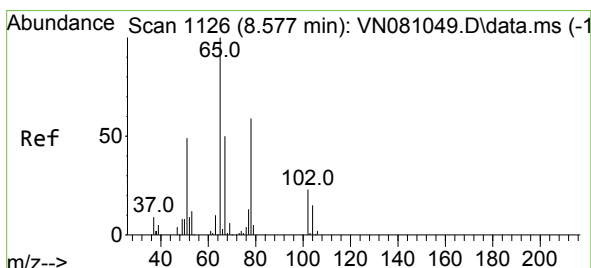
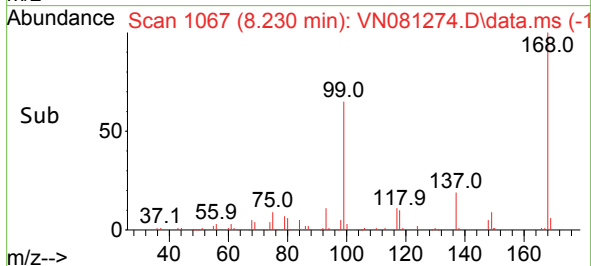
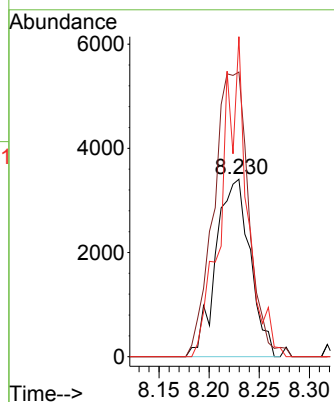


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

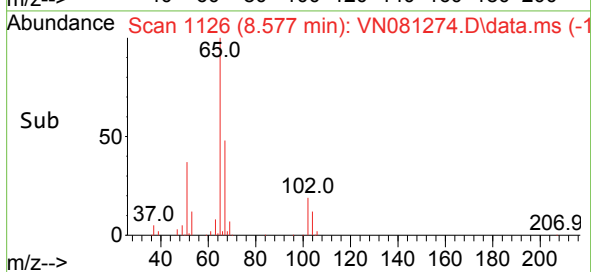
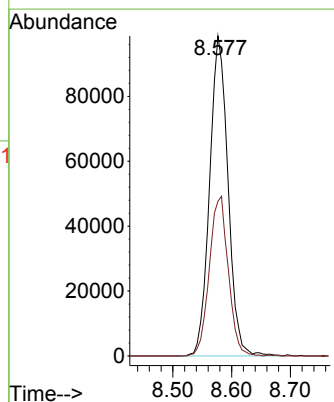
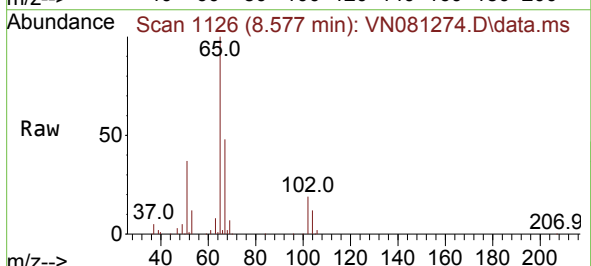


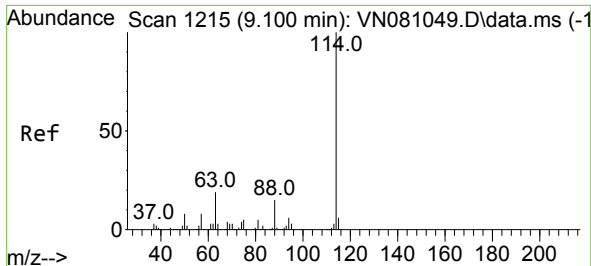
Tgt Ion: 56 Resp: 8075
Ion Ratio Lower Upper
56 100
69 160.5 20.1 30.1#
84 180.4 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 60.505 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 65 Resp: 214327
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0301MBL01

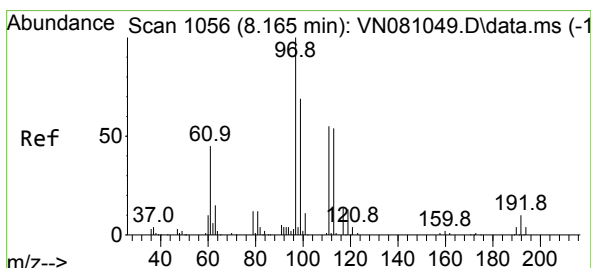
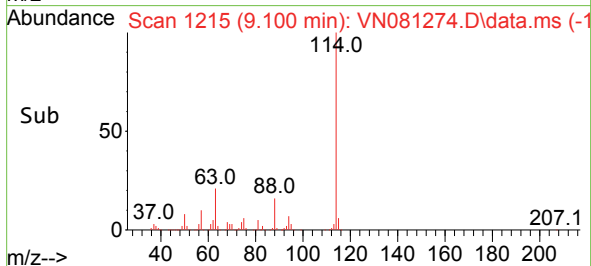
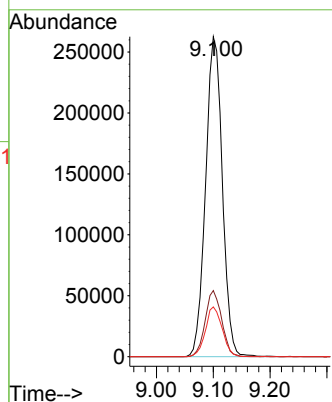
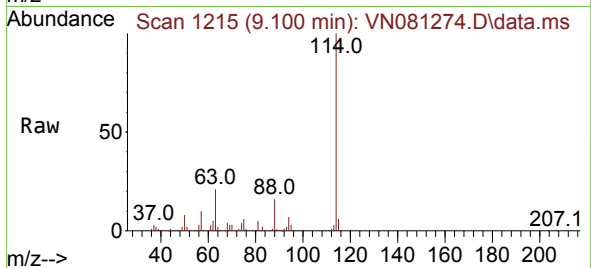
Tgt Ion:114 Resp: 536728

Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.620 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

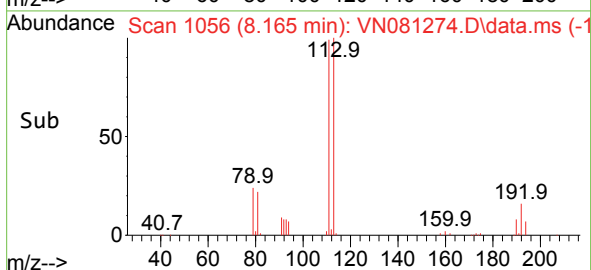
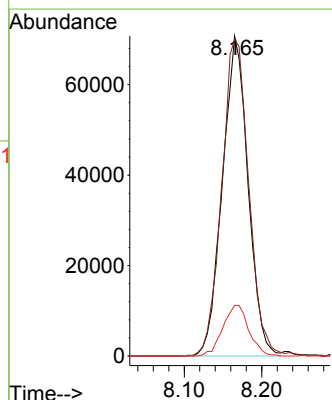
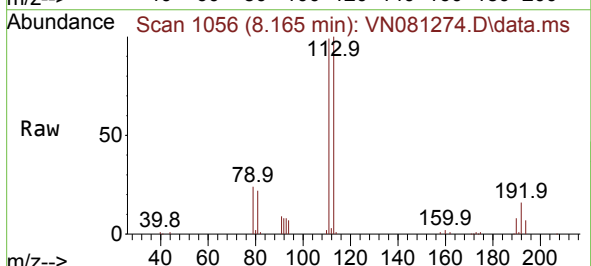
Tgt Ion:113 Resp: 162737

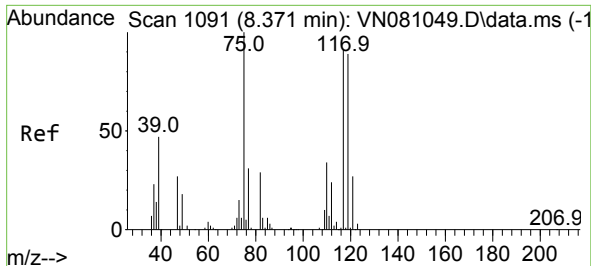
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 16.1 12.5 18.7

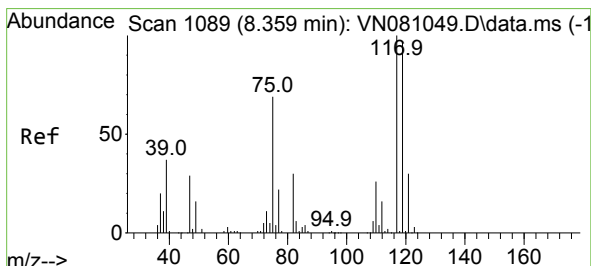
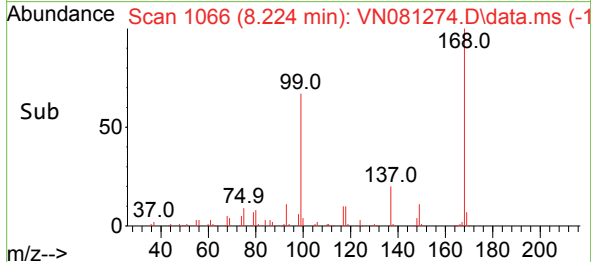
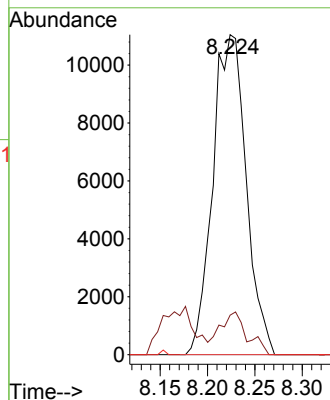
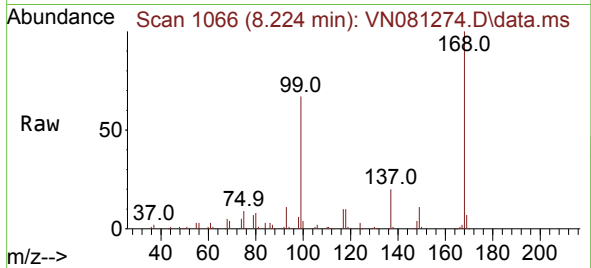




#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

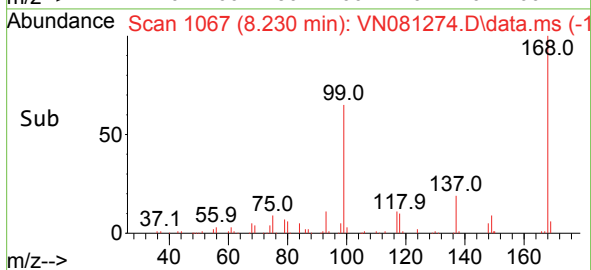
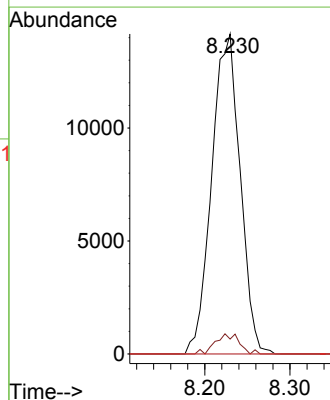
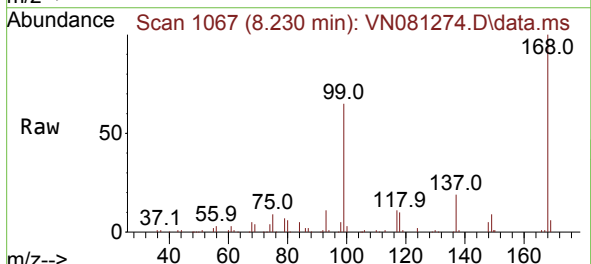
Instrument :
MSVOA_N
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VN0301MBL01

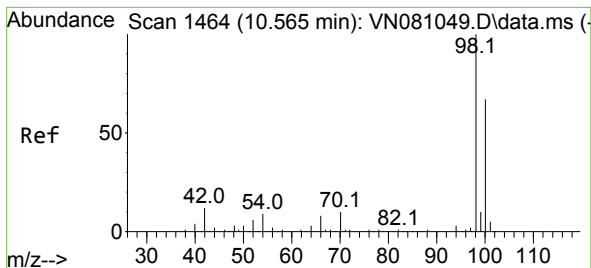
Tgt Ion: 75 Resp: 27081
Ion Ratio Lower Upper
75 100
110 11.0 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.235 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 117 Resp: 32800
Ion Ratio Lower Upper
117 100
119 4.6 73.4 110.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 59.137 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

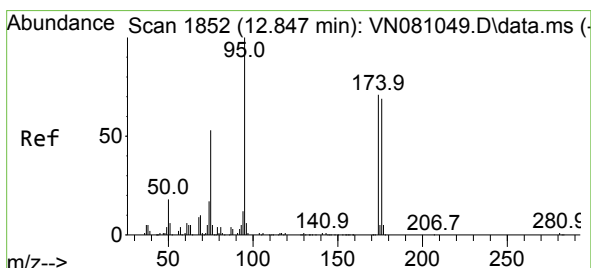
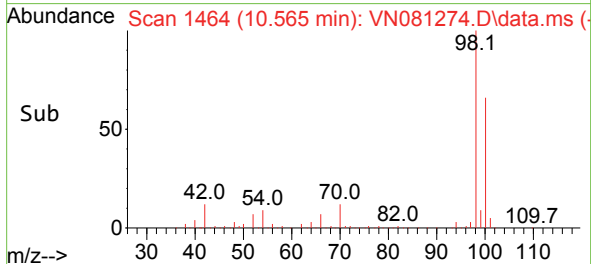
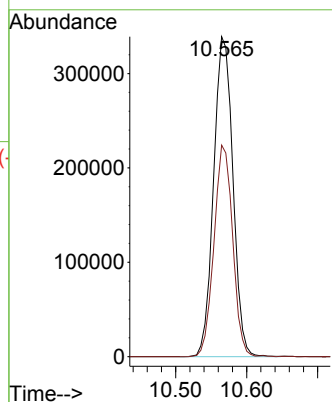
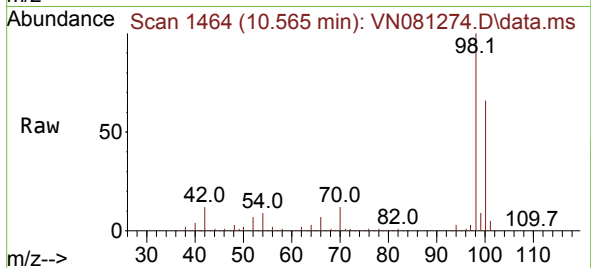
VN0301MBL01

Tgt Ion: 98 Resp: 637470

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.887 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

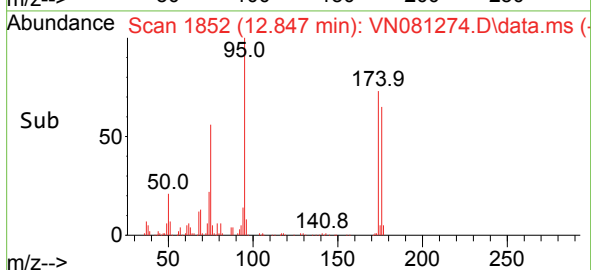
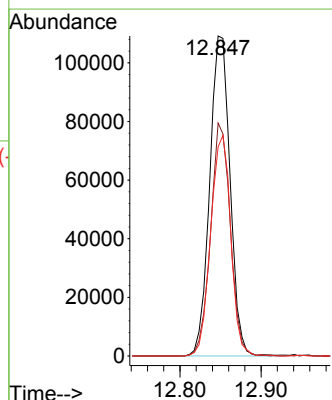
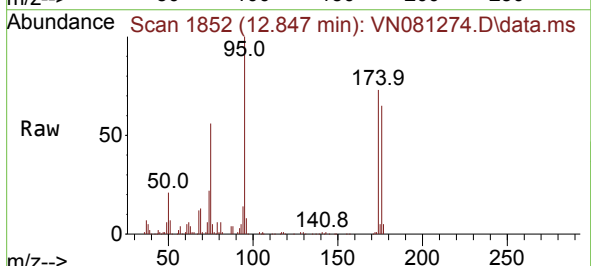
Tgt Ion: 95 Resp: 189915

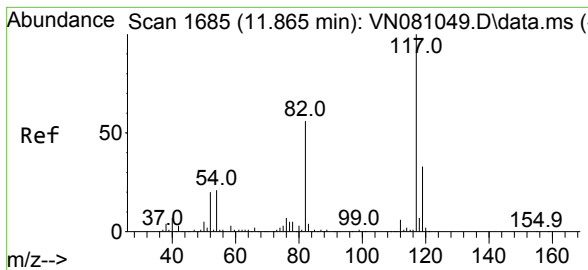
Ion Ratio Lower Upper

95 100

174 70.5 0.0 120.4

176 68.0 0.0 121.0

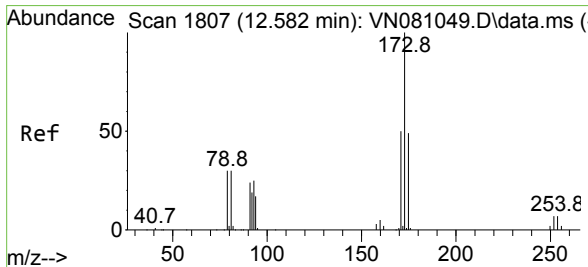
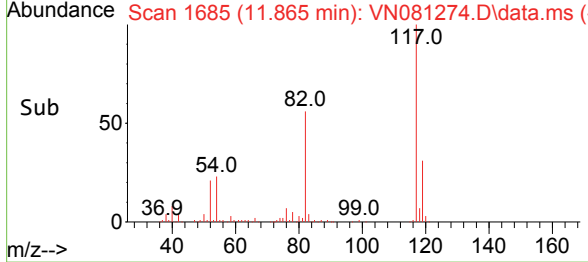
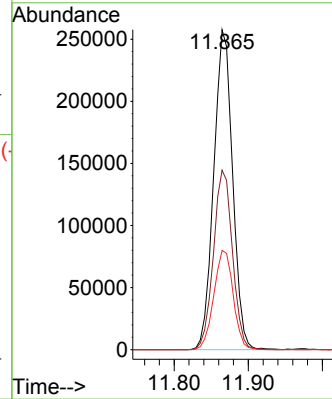
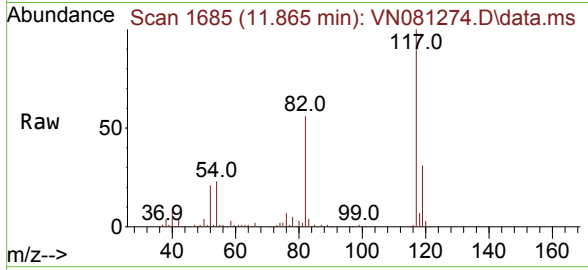




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

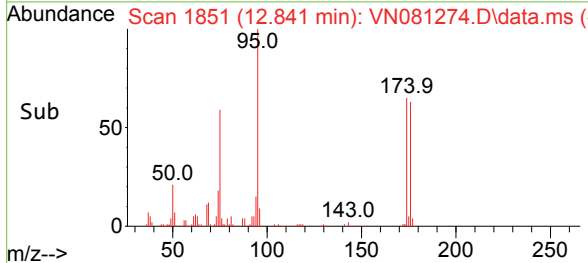
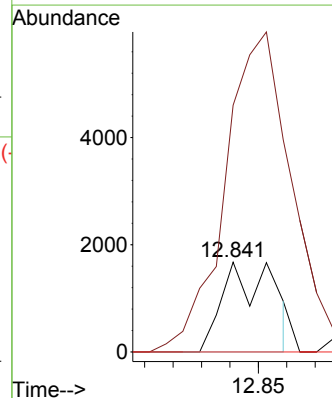
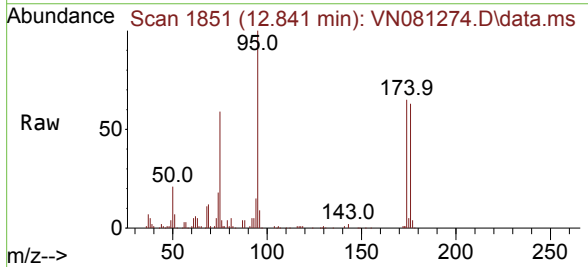
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

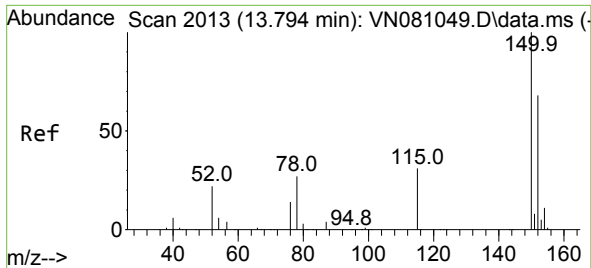
Tgt Ion:	117	Resp:	454976
Ion	Ratio	Lower	Upper
117	100		
82	56.1	52.7	79.1
119	31.0	25.3	37.9



#71
Bromoform
Concen: 0.918 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion:	173	Resp:	2059
Ion	Ratio	Lower	Upper
173	100		
175	401.0	23.1	69.2#
254	0.0	0.0	0.0

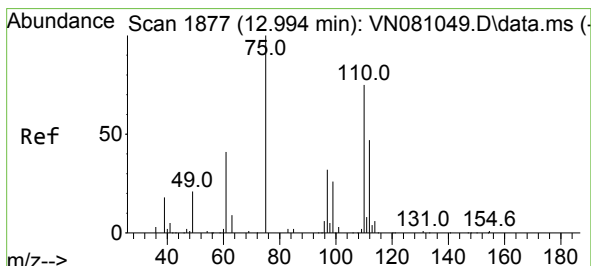
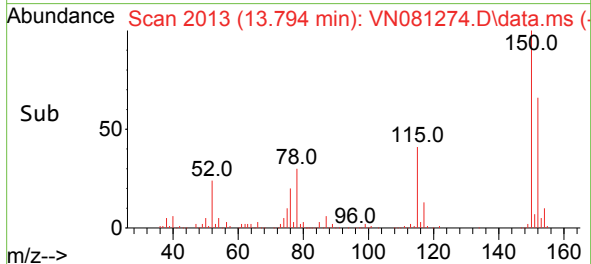
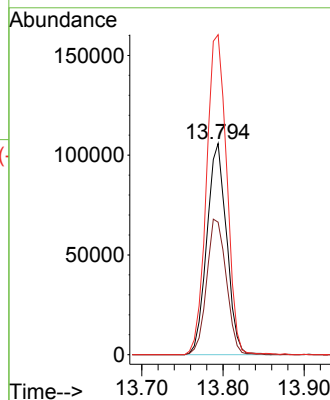
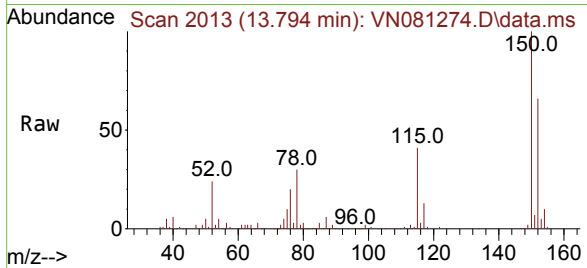




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

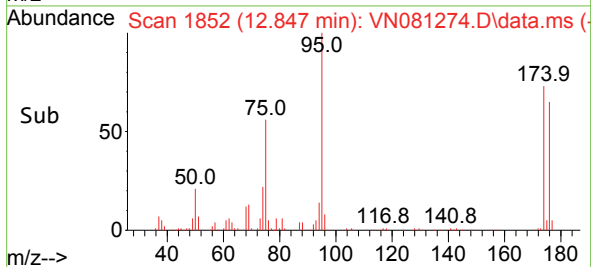
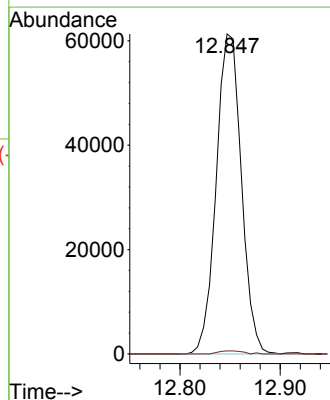
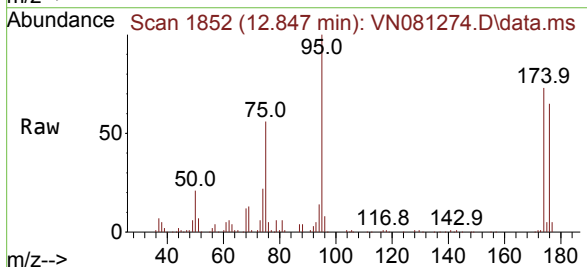
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

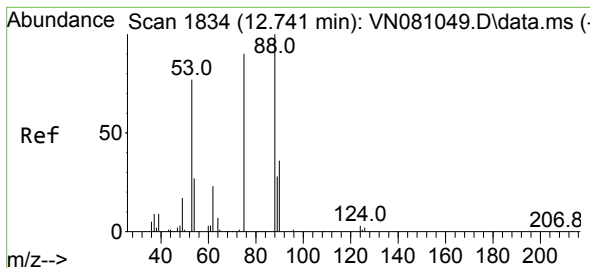
Tgt Ion:152 Resp: 178516
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 155.2 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 26.315 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 75 Resp: 106732
Ion Ratio Lower Upper
75 100
77 1.0 91.0 272.8#

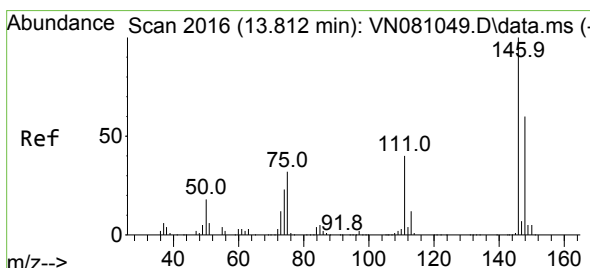
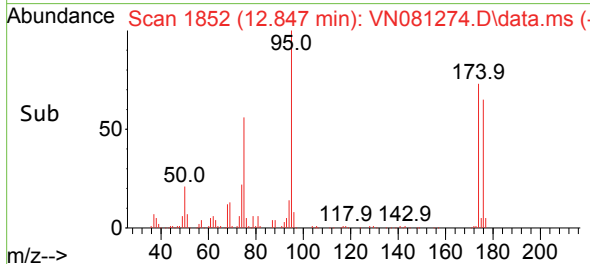
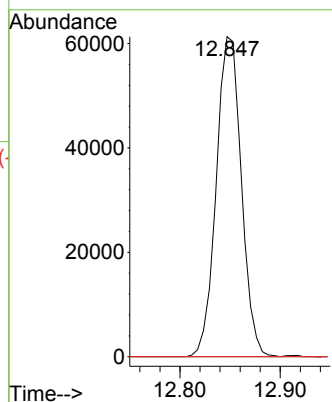
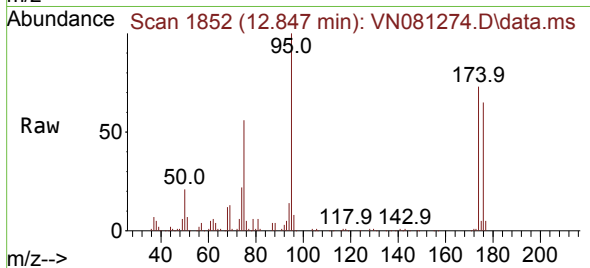




#81
trans-1,4-Dichloro-2-butene
Concen: 67.732 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

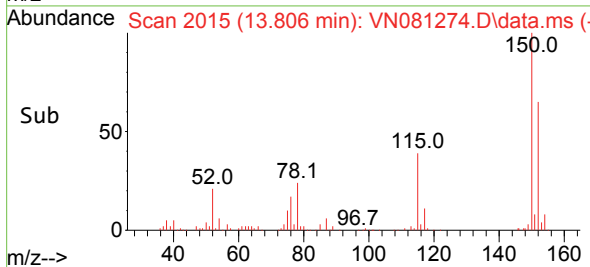
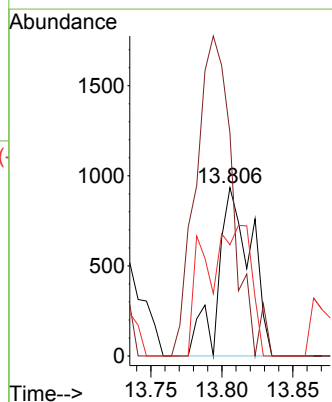
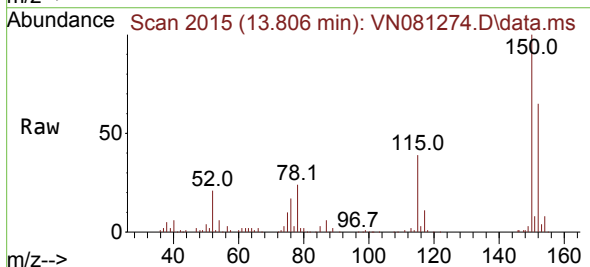
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

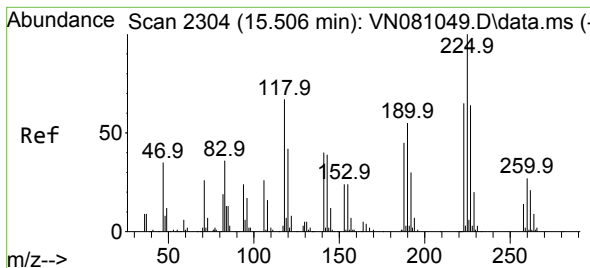
Tgt Ion: 75 Resp: 106732
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 146 Resp: 1514
Ion Ratio Lower Upper
146 100
111 213.1 22.6 67.7#
148 71.5 31.9 95.5





#94

Hexachlorobutadiene

Concen: 0.445 ug/l

RT: 15.512 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0301MBL01

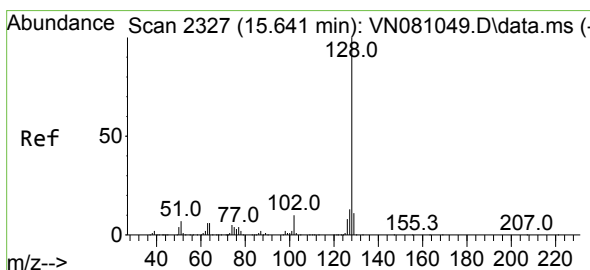
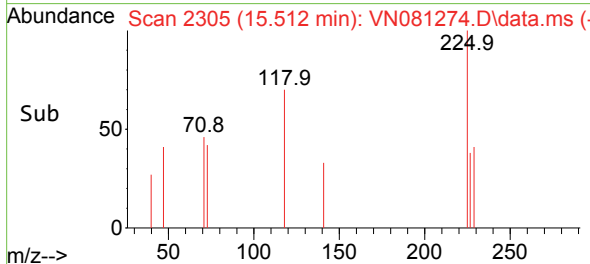
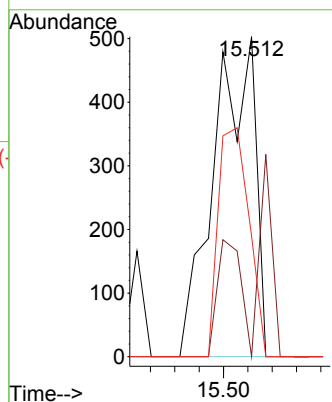
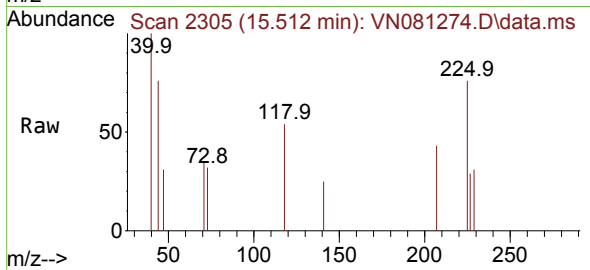
Tgt Ion:225 Resp: 588

Ion Ratio Lower Upper

225 100

223 20.9 33.3 99.8#

227 53.7 33.1 99.2



#95

Naphthalene

Concen: 0.278 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.012 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

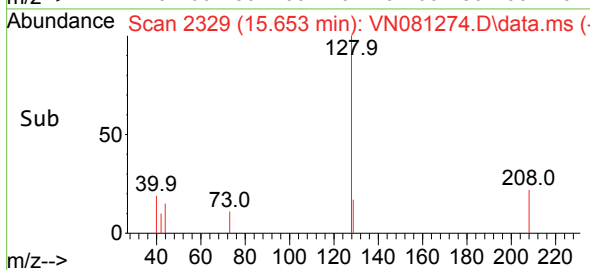
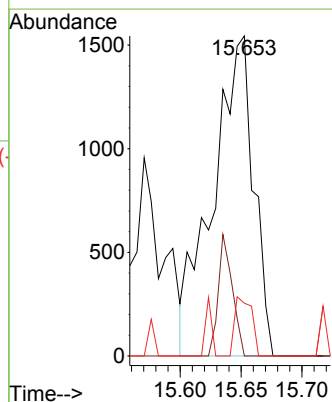
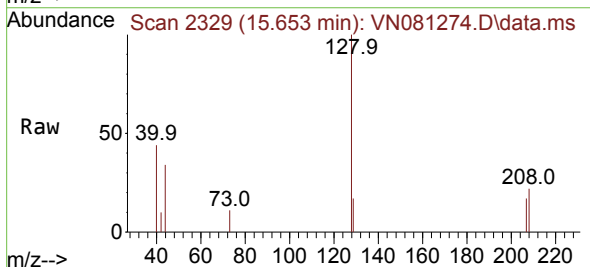
Tgt Ion:128 Resp: 3602

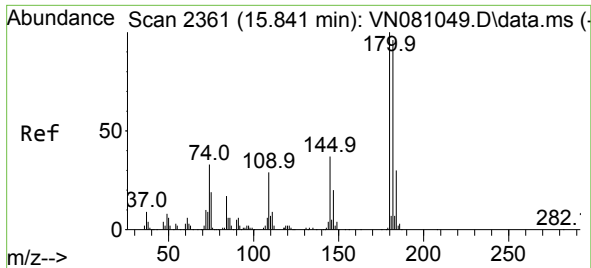
Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

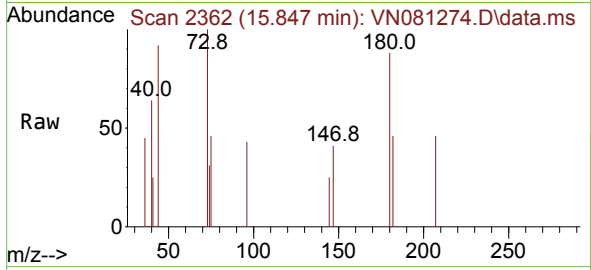
129 7.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.209 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081274.D
 Acq: 01 Mar 2024 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301MBL01



Tgt Ion:	180	Resp:	735
Ion Ratio	Lower	Upper	
180	100		
182	89.4	46.5	139.3
145	8.6	17.8	53.4#

