

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081941.D
 Acq On : 30 Apr 2024 19:16
 Operator : JC\MD
 Sample : P2183-05DL 100X
 Misc : 1.41g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 06:02:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

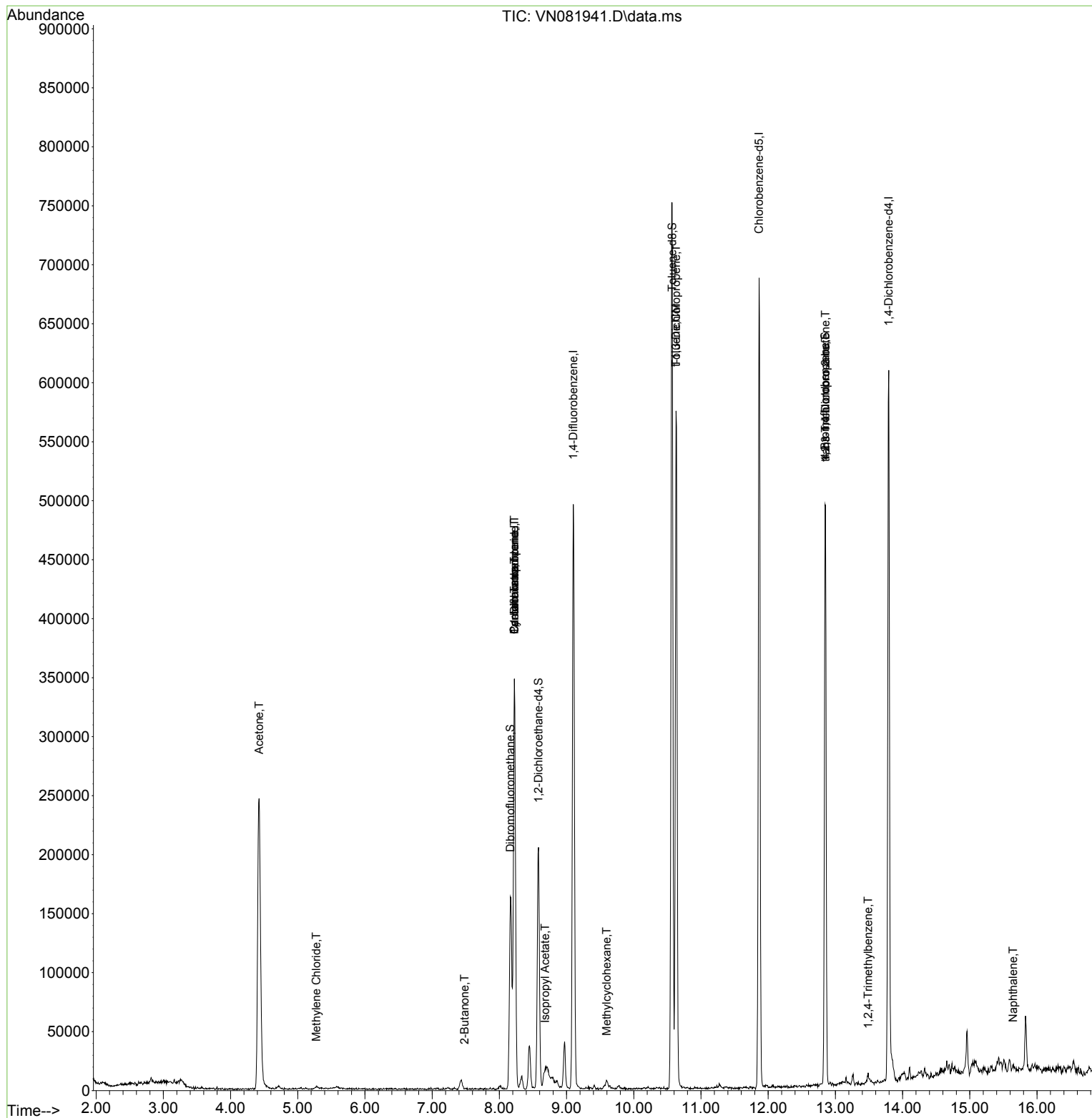
Internal Standards						
1) Pentafluorobenzene	8.224	168	221010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159404	42.735	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	85.460%	
35) Dibromofluoromethane	8.165	113	123641	47.794	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.580%	
50) Toluene-d8	10.571	98	529984	52.164	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.320%	
62) 4-Bromofluorobenzene	12.847	95	185662	46.227	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	92.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	239	Below Cal	#	56
13) Acrolein	4.183	56	293	Below Cal		94
16) Acetone	4.424	43	465160	425.555	ug/l	99
20) Methylene Chloride	5.277	84	1218	0.381	ug/l #	84
25) 2-Butanone	7.483	43	460	0.217	ug/l #	43
31) Cyclohexane	8.224	56	10467	1.863	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	21069	5.006	ug/l #	48
38) Carbon Tetrachloride	8.224	117	24470	5.949	ug/l #	17
39) Methylcyclohexane	9.594	83	2716	0.531	ug/l #	80
43) Isopropyl Acetate	8.683	43	12898	1.507	ug/l #	52
52) Toluene	10.629	92	253318	33.481	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	3136	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97479	25.039	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97479	51.307	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.488	105	4174	0.370	ug/l	98
95) Naphthalene	15.647	128	4945	0.468	ug/l #	85

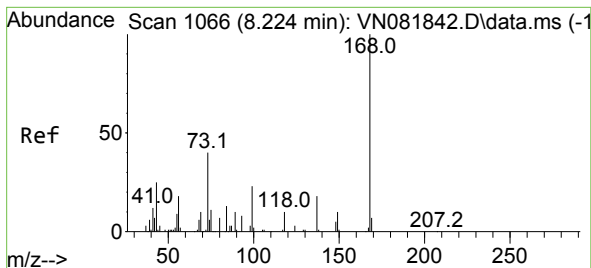
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 06:02:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Instrument :

MSVOA_N

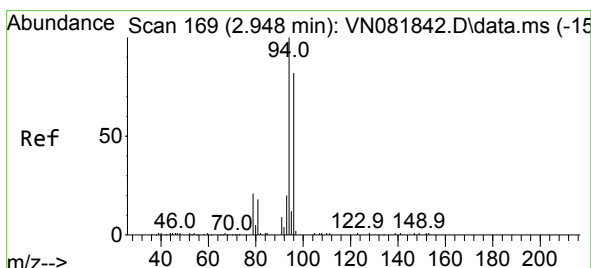
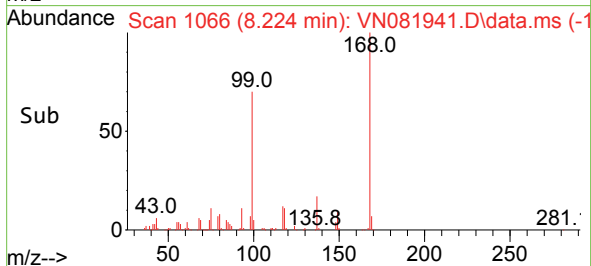
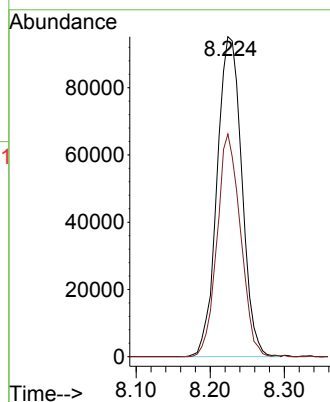
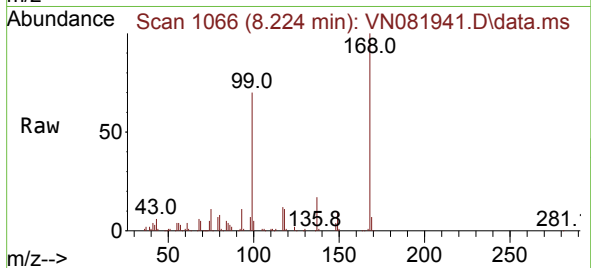
ClientSampleId :

Tgt Ion:168 Resp: 221010

Ion Ratio Lower Upper

168 100

99 69.6 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.971 min Scan# 173

Delta R.T. 0.023 min

Lab File: VN081941.D

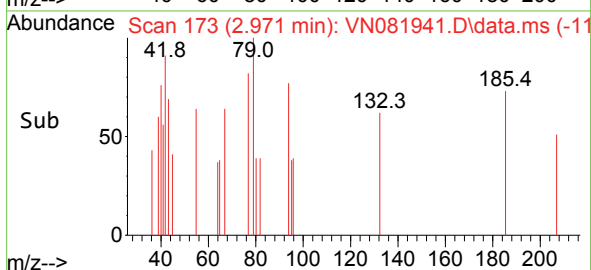
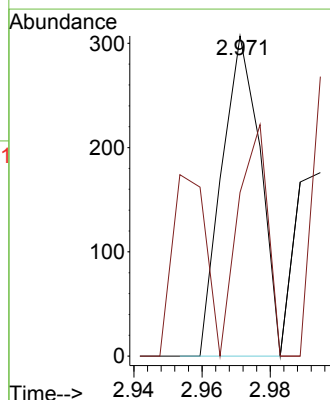
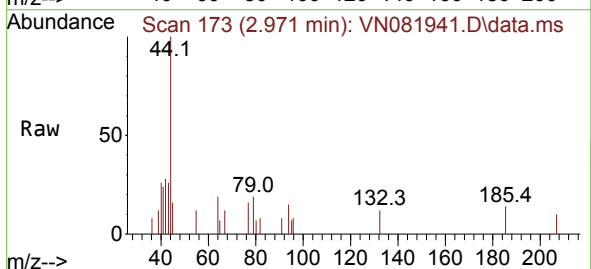
Acq: 30 Apr 2024 19:16

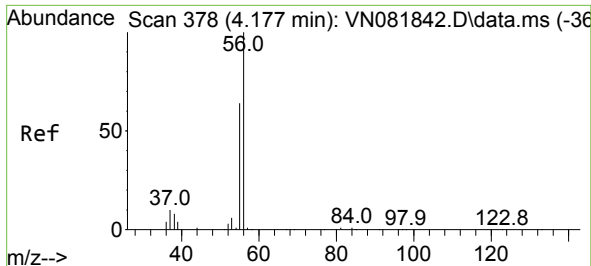
Tgt Ion: 94 Resp: 239

Ion Ratio Lower Upper

94 100

96 51.1 74.8 112.2#





#13

Acrolein

Concen: Below Cal

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Instrument :

MSVOA_N

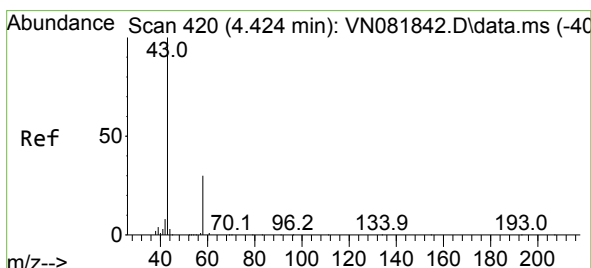
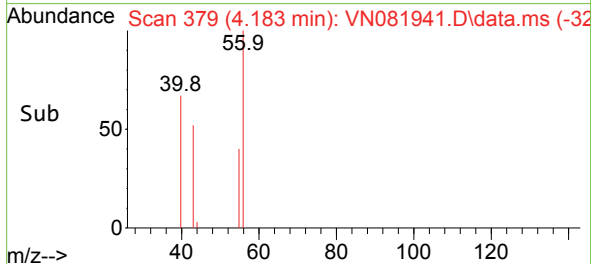
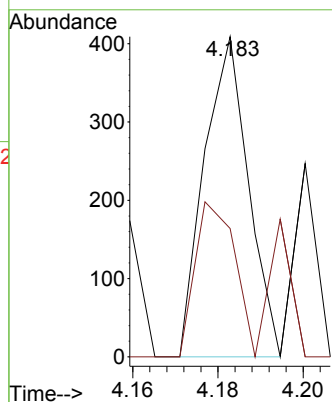
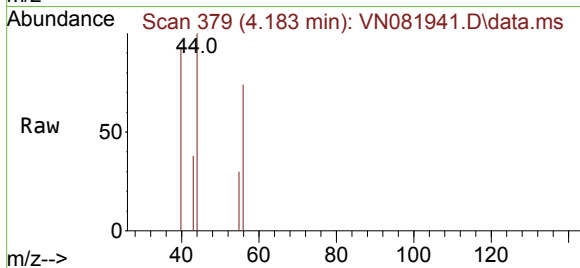
ClientSampleId :

Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 64.8 55.8 83.8



#16

Acetone

Concen: 425.555 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN081941.D

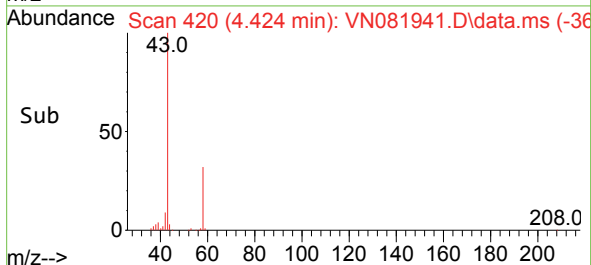
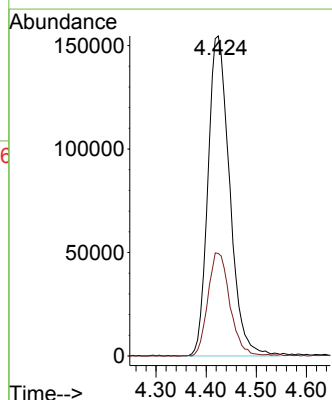
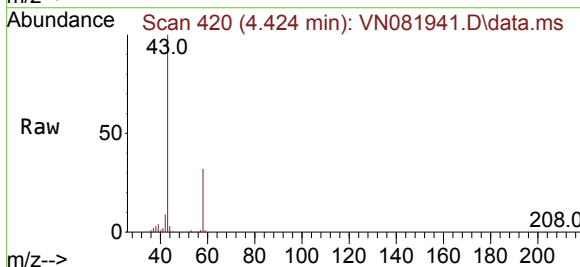
Acq: 30 Apr 2024 19:16

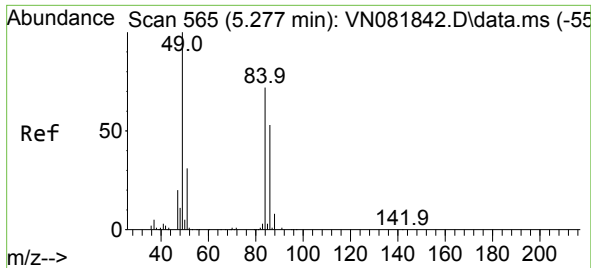
Tgt Ion: 43 Resp: 465160

Ion Ratio Lower Upper

43 100

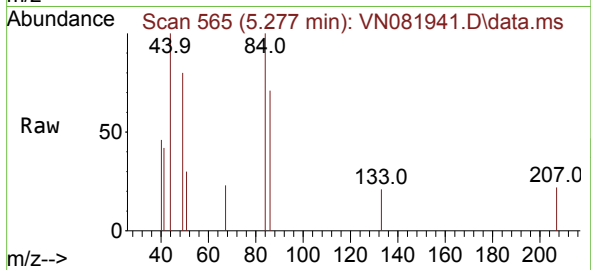
58 32.0 25.2 37.8



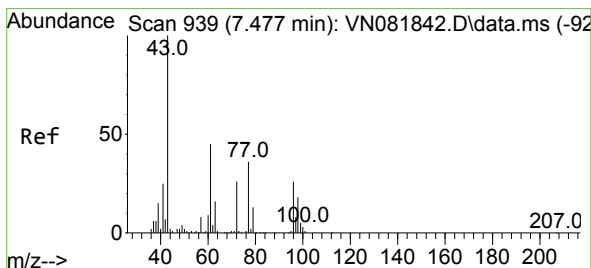
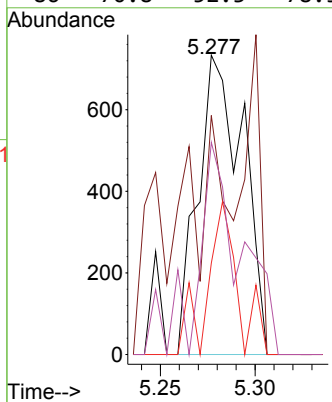
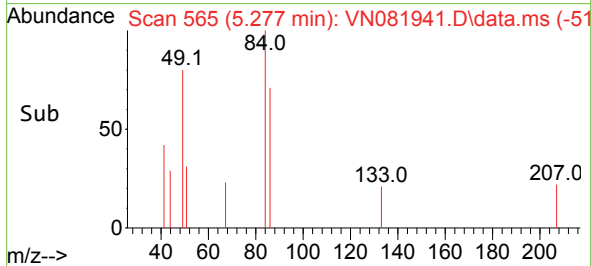


#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

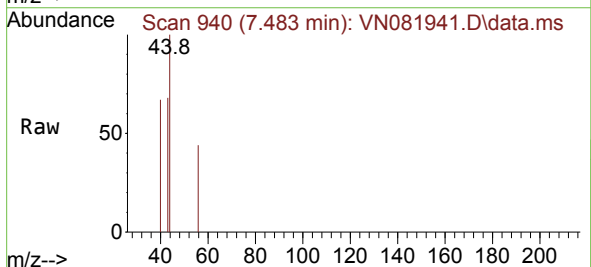
Instrument :
MSVOA_N
ClientSampleId :



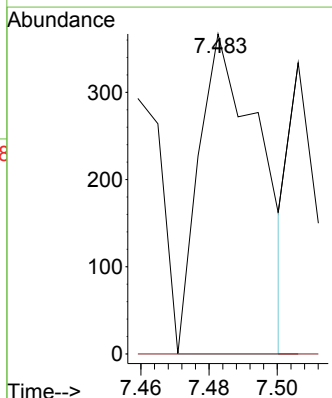
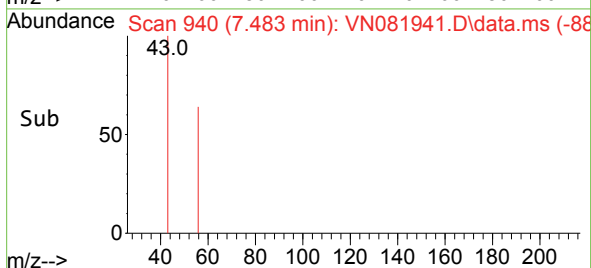
Tgt Ion: 84 Resp: 1218
Ion Ratio Lower Upper
84 100
49 79.8 84.9 127.3#
51 30.5 27.0 40.6
86 70.8 52.3 78.5

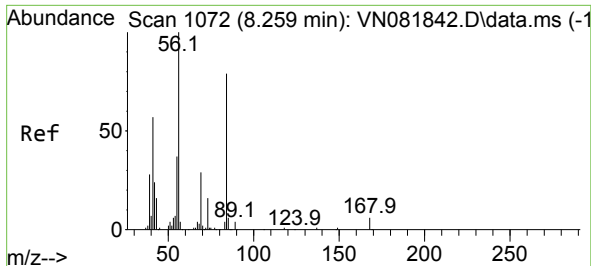


#25
2-Butanone
Concen: 0.217 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16



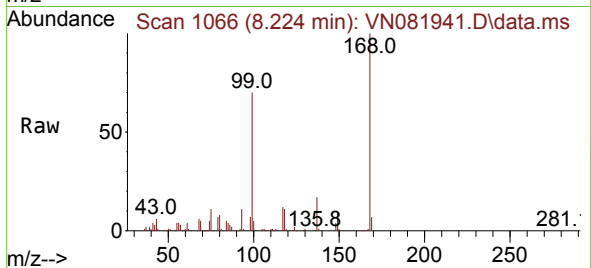
Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



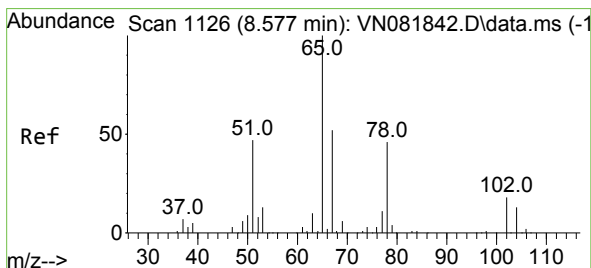
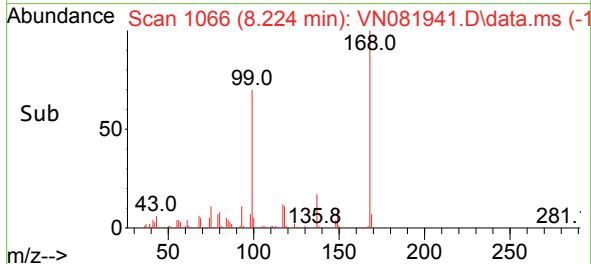
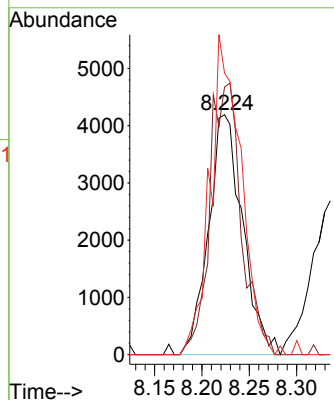


#31
Cyclohexane
Concen: 1.863 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

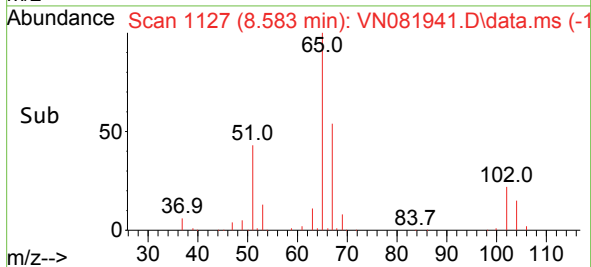
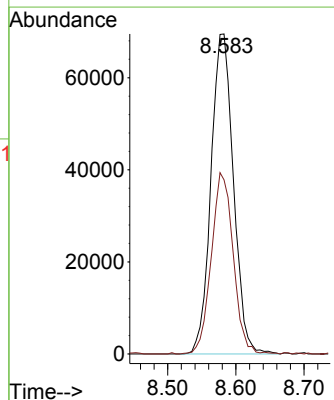
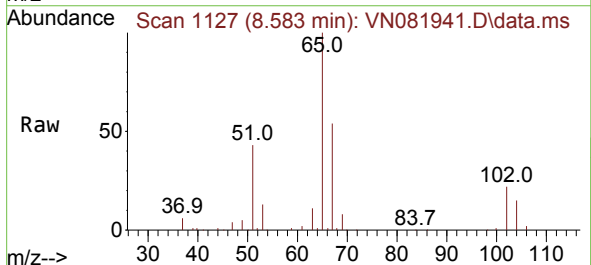


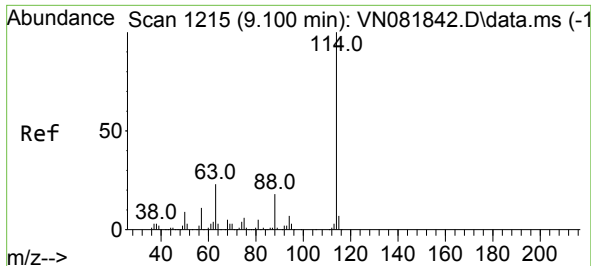
Tgt Ion: 56 Resp: 10467
Ion Ratio Lower Upper
56 100
69 111.5 24.4 36.6#
84 117.3 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 42.735 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

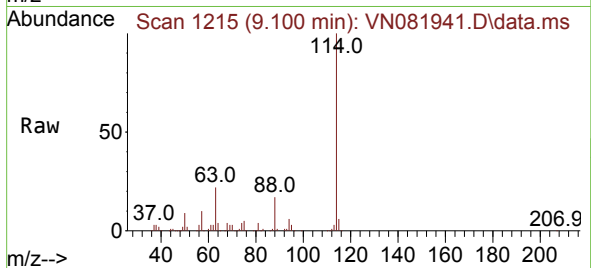
Tgt Ion: 65 Resp: 159404
Ion Ratio Lower Upper
65 100
67 55.3 0.0 103.0



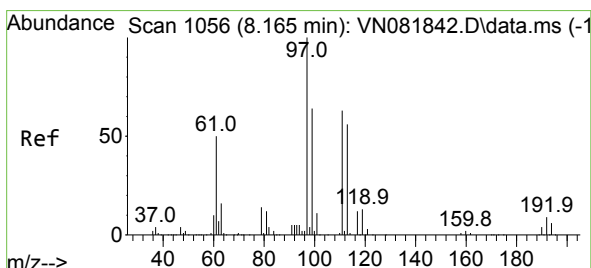
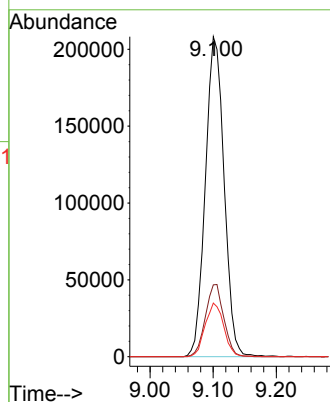
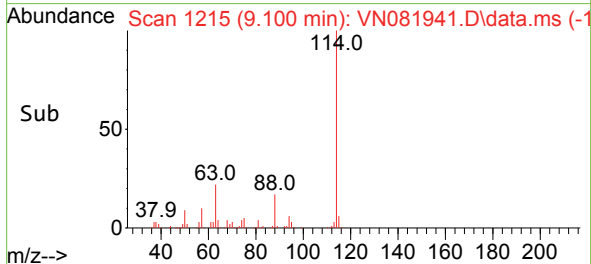


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

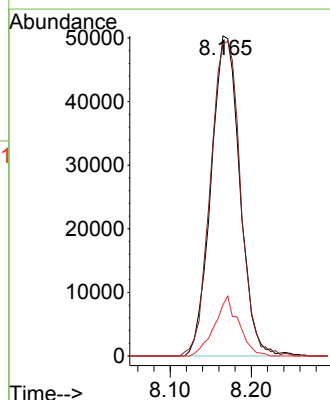
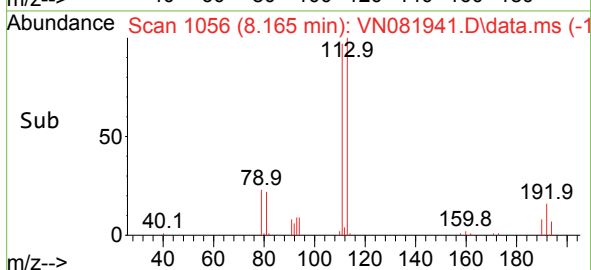
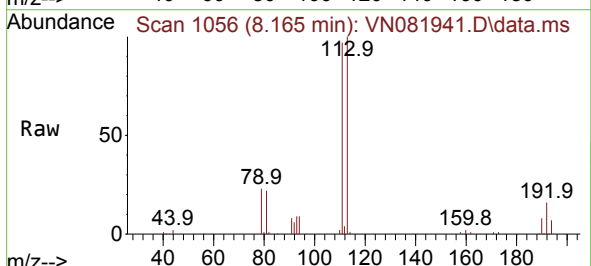


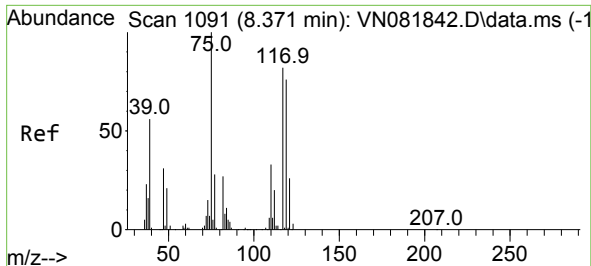
Tgt Ion:114 Resp: 429662
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.0
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.794 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

Tgt Ion:113 Resp: 123641
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 15.8 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.006 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :

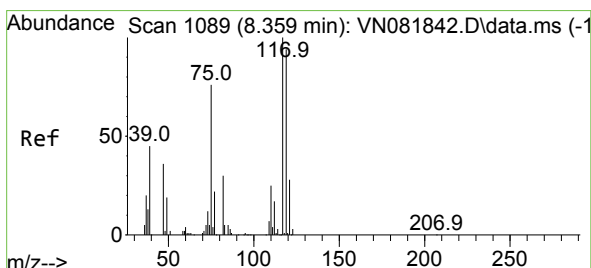
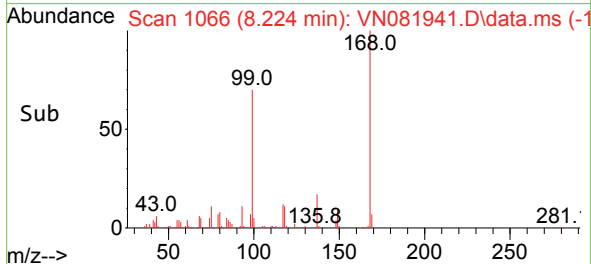
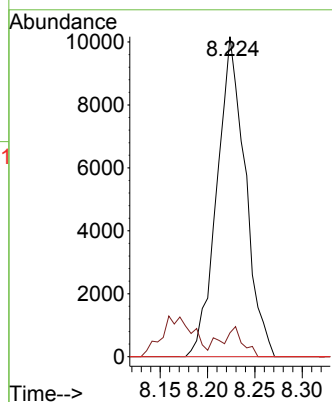
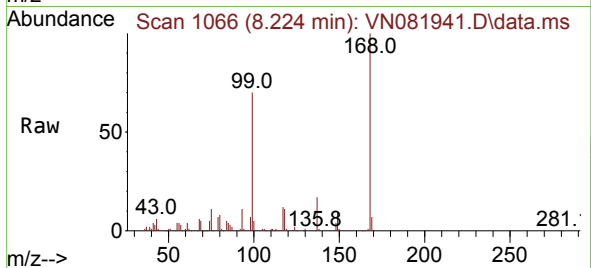
Tgt Ion: 75 Resp: 21069

Ion Ratio Lower Upper

75 100

110 7.2 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.949 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

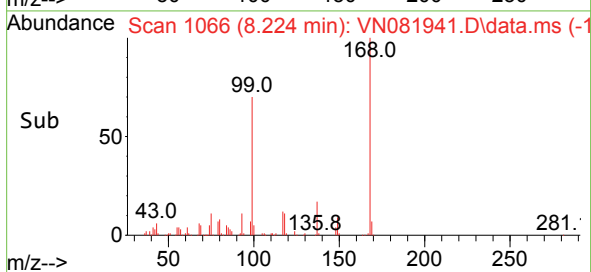
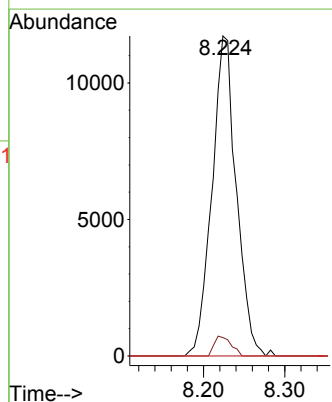
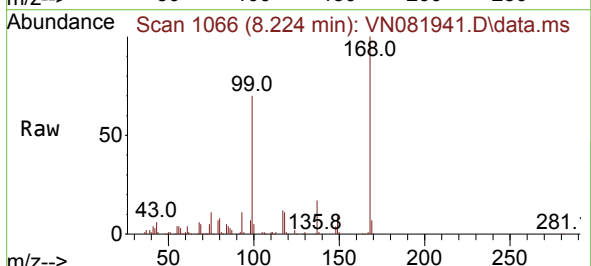
Tgt Ion: 117 Resp: 24470

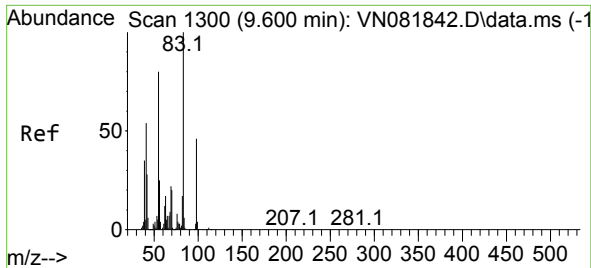
Ion Ratio Lower Upper

117 100

119 5.7 76.5 114.7#

121 0.0 23.9 35.9#

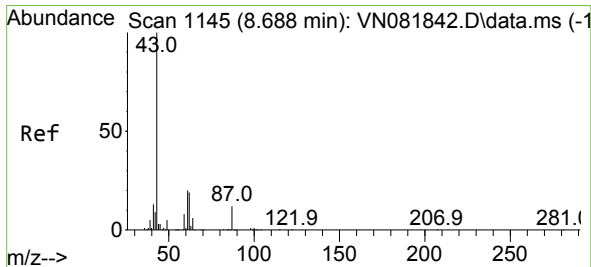
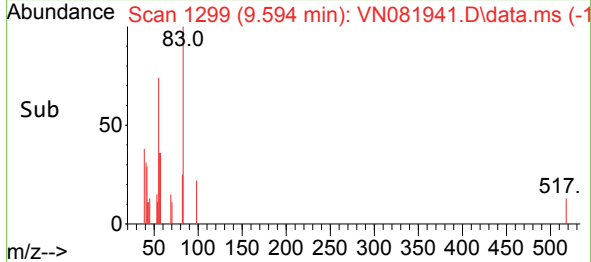
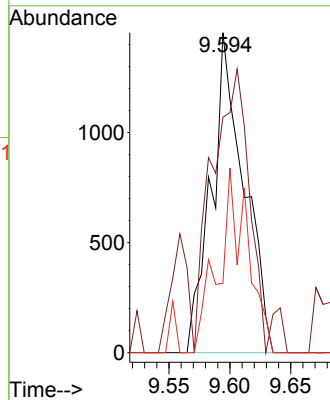
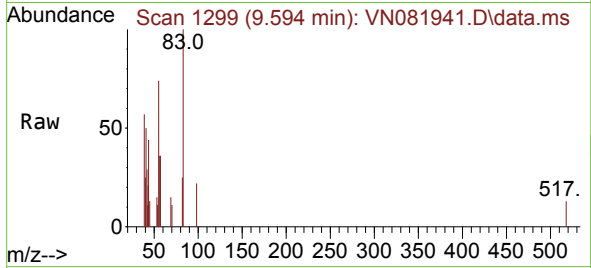




#39
Methylcyclohexane
Concen: 0.531 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

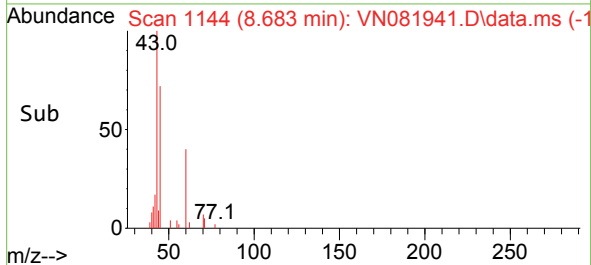
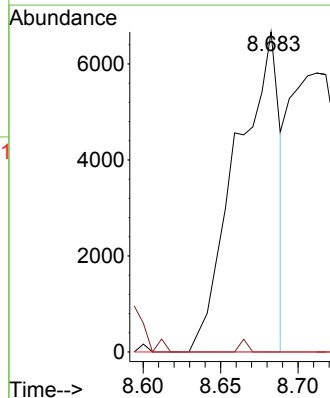
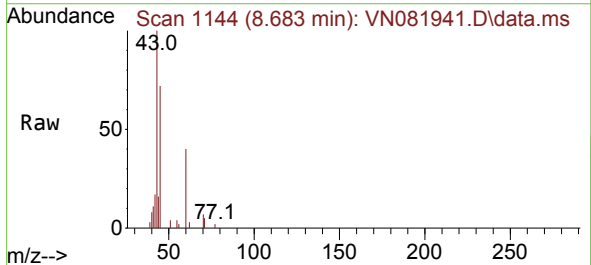
Instrument :
MSVOA_N
ClientSampleId :

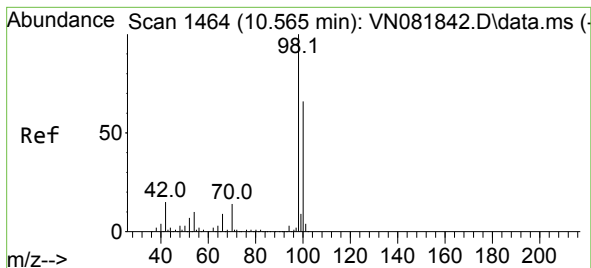
Tgt Ion: 83 Resp: 2716
Ion Ratio Lower Upper
83 100
55 59.6 53.0 79.6
98 21.7 37.1 55.7#



#43
Isopropyl Acetate
Concen: 1.507 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

Tgt Ion: 43 Resp: 12898
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 52.164 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Instrument :

MSVOA_N

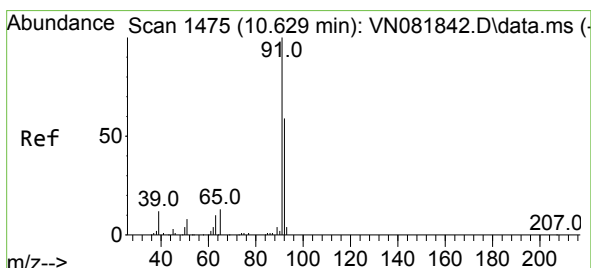
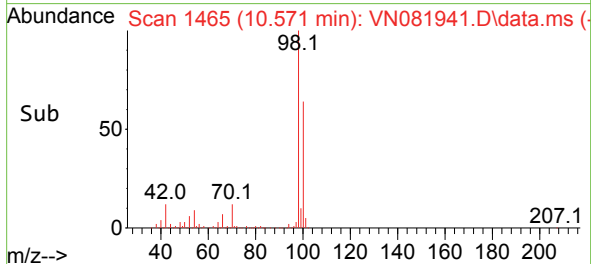
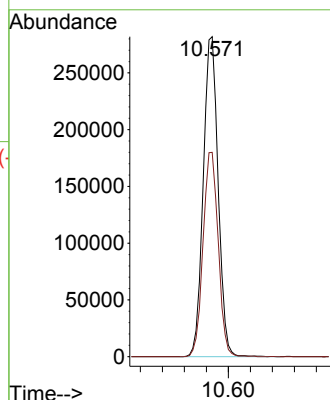
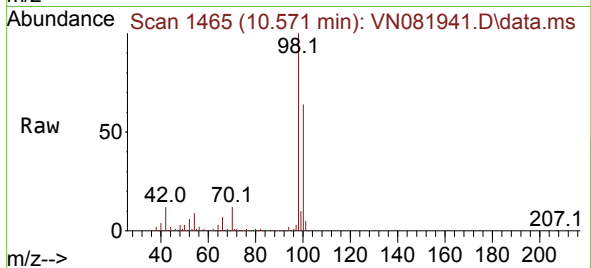
ClientSampleId :

Tgt Ion: 98 Resp: 529984

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#52

Toluene

Concen: 33.481 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081941.D

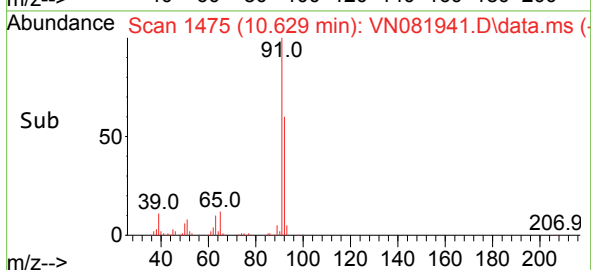
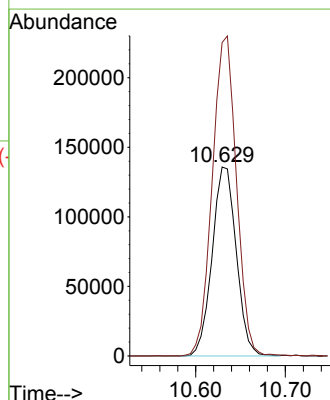
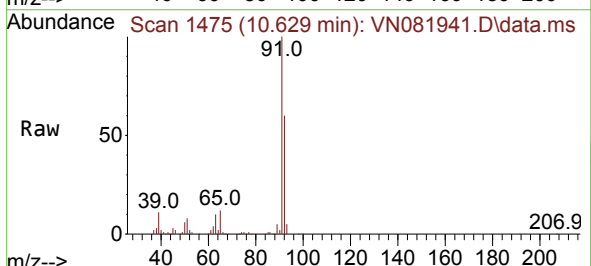
Acq: 30 Apr 2024 19:16

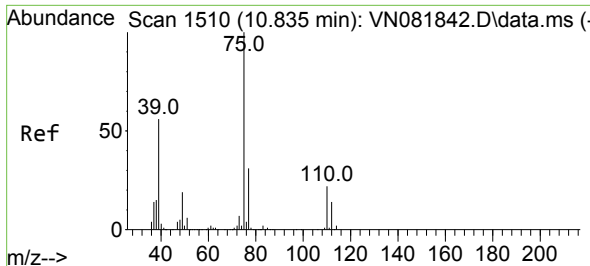
Tgt Ion: 92 Resp: 253318

Ion Ratio Lower Upper

92 100

91 170.1 136.7 205.1

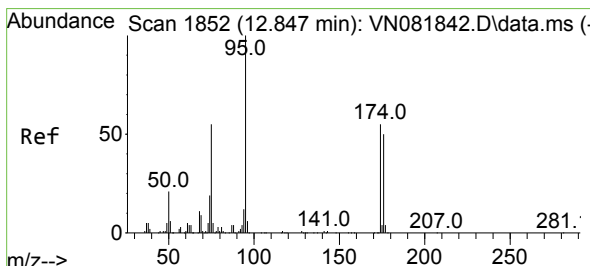
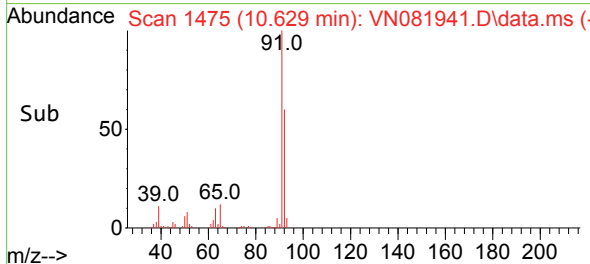
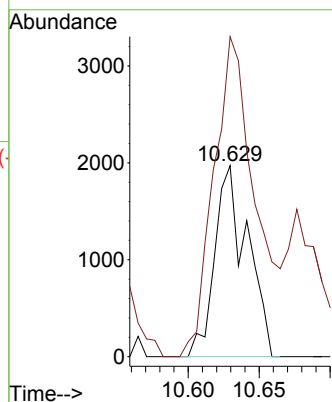
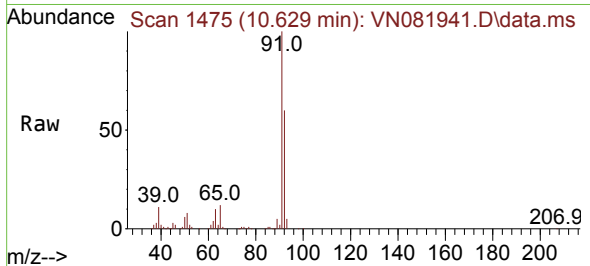




#53
t-1,3-Dichloropropene
Concen: 0.598 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

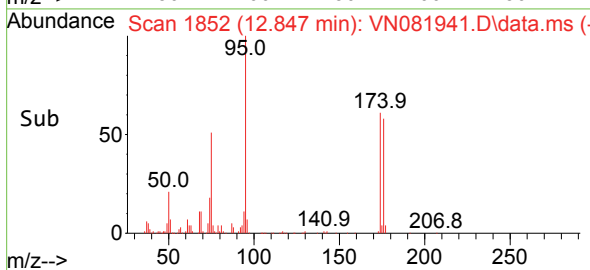
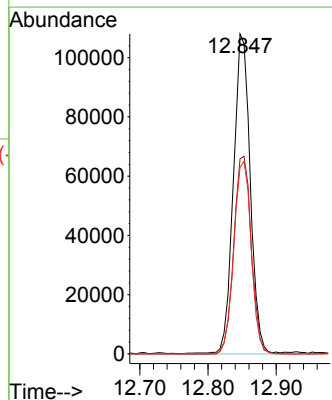
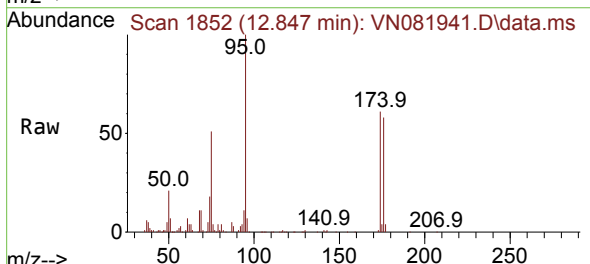
Instrument :
MSVOA_N
ClientSampleId :

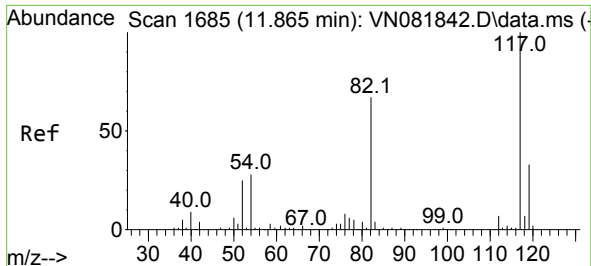
Tgt Ion: 75 Resp: 3136
Ion Ratio Lower Upper
75 100
77 167.4 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 46.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

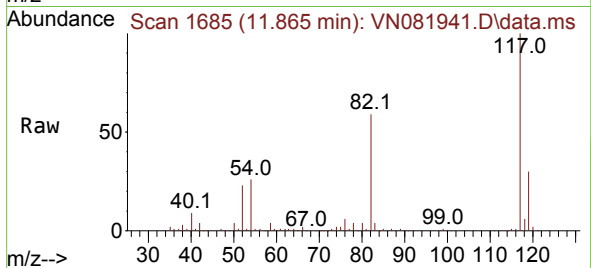
Tgt Ion: 95 Resp: 185662
Ion Ratio Lower Upper
95 100
174 64.3 0.0 160.6
176 61.9 0.0 152.8



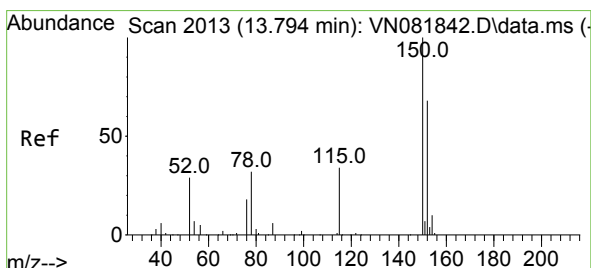
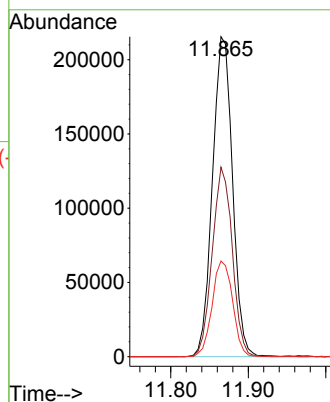
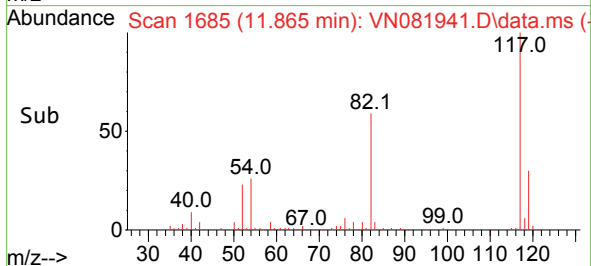


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16

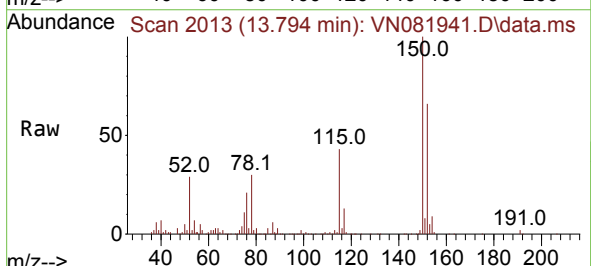
Instrument :
MSVOA_N
ClientSampleId :



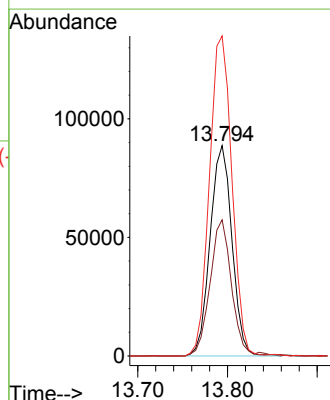
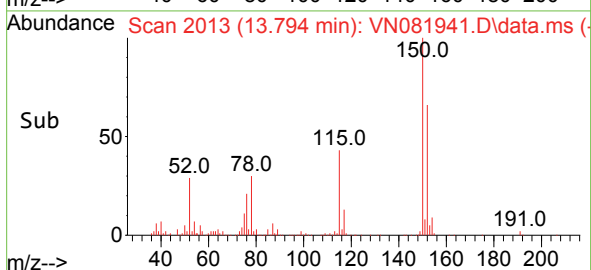
Tgt Ion:117 Resp: 387329
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 29.9 25.9 38.9

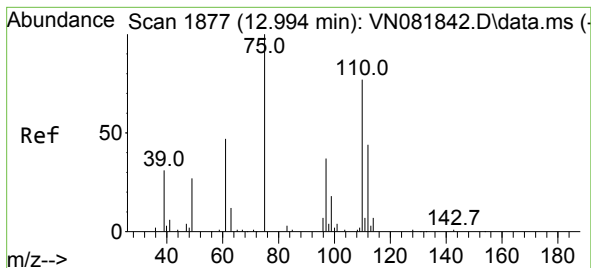


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081941.D
Acq: 30 Apr 2024 19:16



Tgt Ion:152 Resp: 150153
Ion Ratio Lower Upper
152 100
115 64.1 30.4 91.3
150 155.9 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 25.039 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Instrument :

MSVOA_N

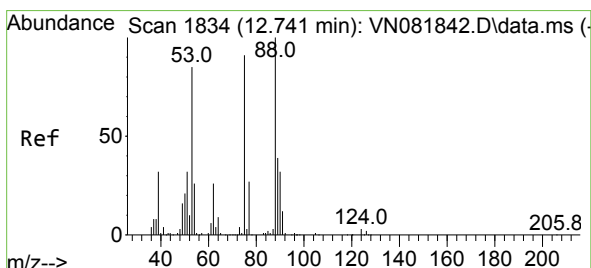
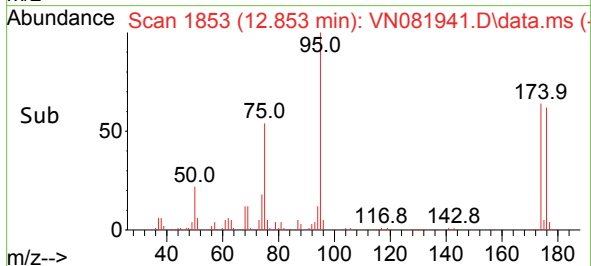
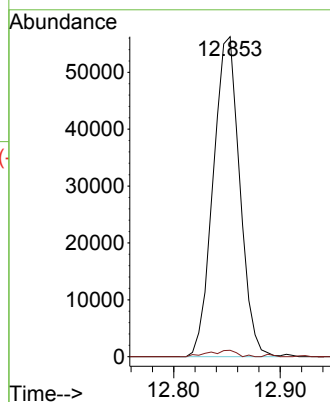
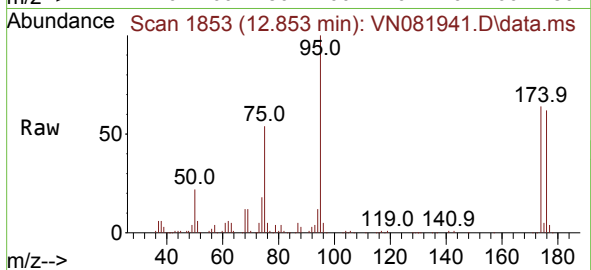
ClientSampleId :

Tgt Ion: 75 Resp: 97479

Ion Ratio Lower Upper

75 100

77 2.1 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.307 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

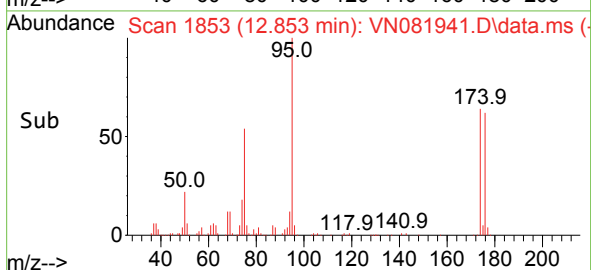
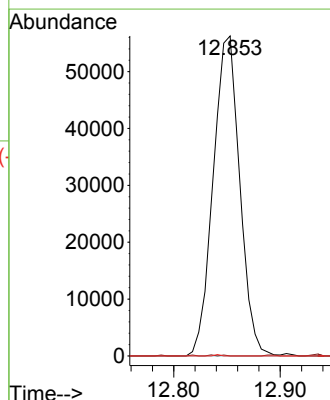
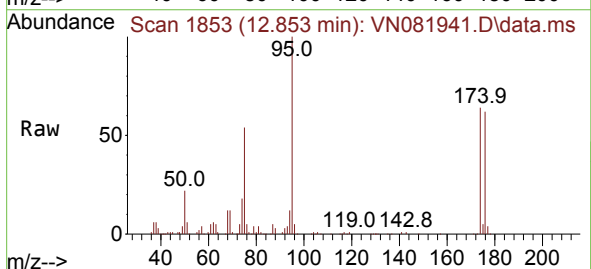
Tgt Ion: 75 Resp: 97479

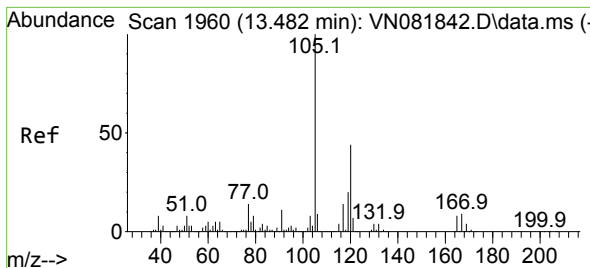
Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.1 39.1 58.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.370 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Instrument :

MSVOA_N

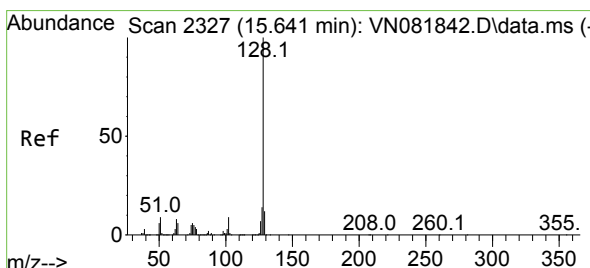
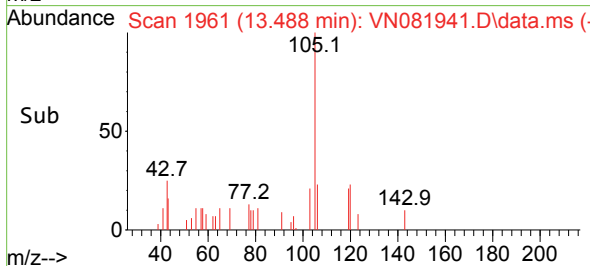
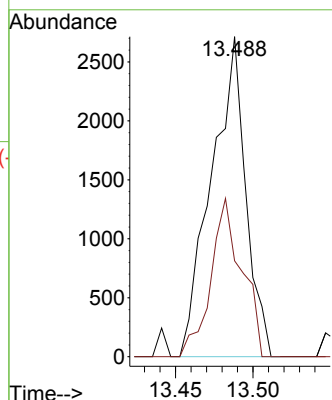
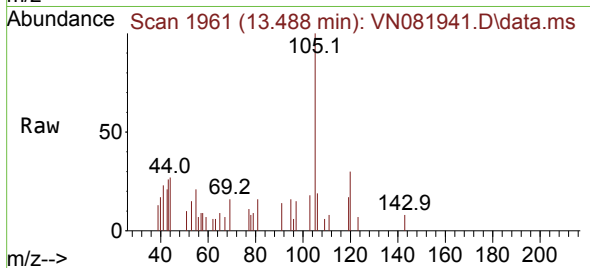
ClientSampleId :

Tgt Ion:105 Resp: 4174

Ion Ratio Lower Upper

105 100

120 44.7 22.9 68.7



#95

Naphthalene

Concen: 0.468 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081941.D

Acq: 30 Apr 2024 19:16

Tgt Ion:128 Resp: 4945

Ion Ratio Lower Upper

128 100

127 7.3 10.1 15.1#

129 17.5 8.9 13.3#

