

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082081.D
 Acq On : 10 May 2024 19:45
 Operator : JC\MD
 Sample : P2430-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 23:28:26 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

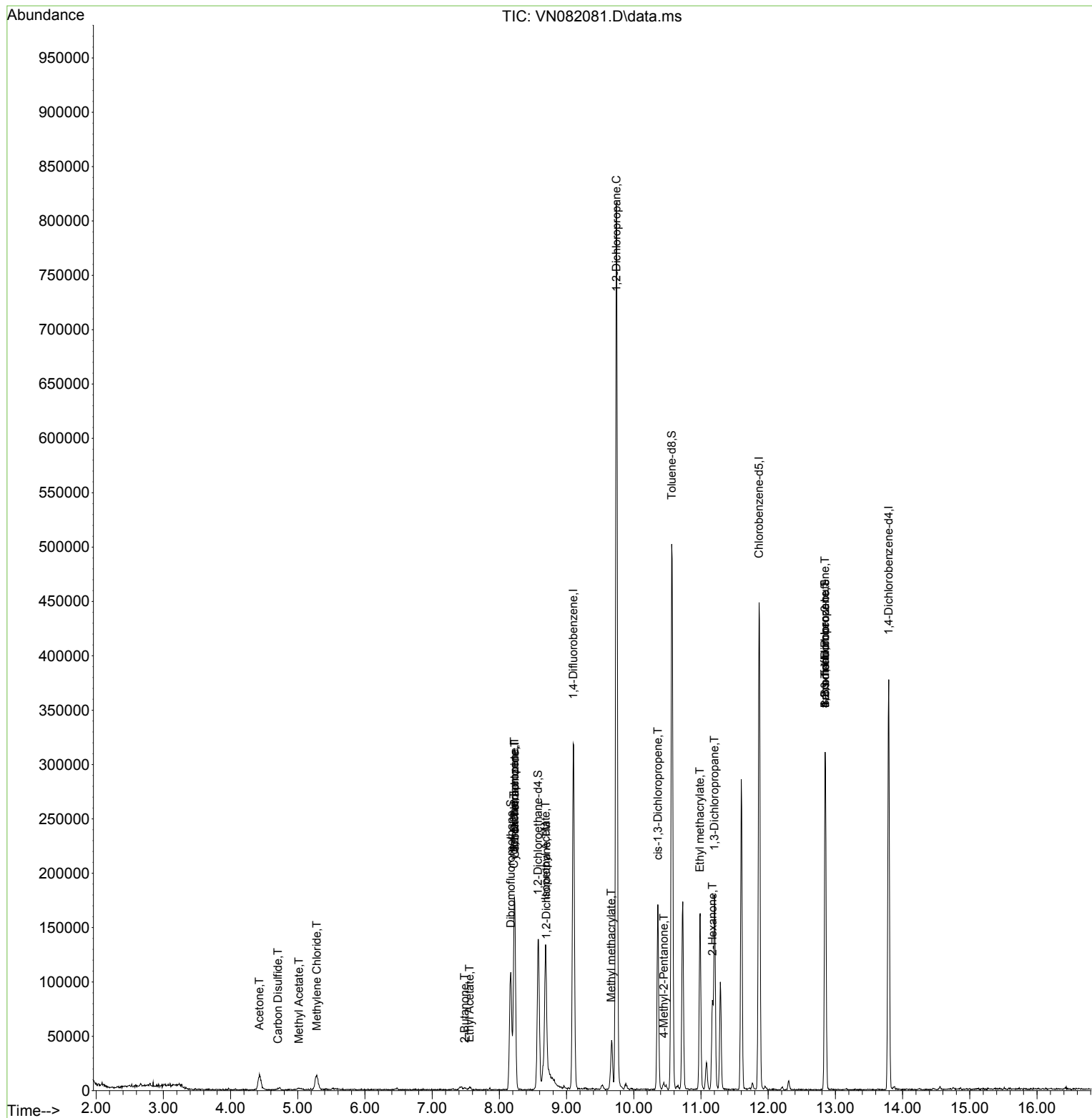
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	114949	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	252220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108087	55.714	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.420%	
35) Dibromofluoromethane	8.171	113	78425	51.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.280%	
50) Toluene-d8	10.565	98	330579	55.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.860%	
62) 4-Bromofluorobenzene	12.847	95	108288	45.931	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	83	Below Cal	#	3
13) Acrolein	4.200	56	126	Below Cal	#	15
16) Acetone	4.430	43	26600	41.814	ug/l	# 85
17) Carbon Disulfide	4.706	76	2101	0.502	ug/l	# 74
18) Methyl Acetate	5.018	43	2120	1.079	ug/l	# 47
20) Methylene Chloride	5.283	84	9775	5.879	ug/l	# 92
25) 2-Butanone	7.483	43	1581	1.436	ug/l	# 86
31) Cyclohexane	8.218	56	4108	1.406	ug/l	# 18
36) 1,1-Dichloropropene	8.224	75	12713	5.146	ug/l	# 50
37) Ethyl Acetate	7.559	43	1216	0.455	ug/l	# 76
38) Carbon Tetrachloride	8.230	117	12691	5.256	ug/l	# 23
42) 1,2-Dichloroethane	8.700	62	702	0.255	ug/l	# 73
43) Isopropyl Acetate	8.688	43	179519	35.742	ug/l	# 76
45) 1,2-Dichloropropane	9.741	63	1247	0.642	ug/l	# 45
48) Methyl methacrylate	9.665	41	3232	1.348	ug/l	# 37
51) 4-Methyl-2-Pentanone	10.447	43	4357	1.541	ug/l	# 64
54) cis-1,3-Dichloropropene	10.359	75	29008	9.143	ug/l	# 77
56) Ethyl methacrylate	10.982	69	739	0.222	ug/l	# 1
57) 1,3-Dichloropropane	11.200	76	2147	0.691	ug/l	# 42
59) 2-Hexanone	11.171	43	91309	43.394	ug/l	# 23
71) Bromoform	12.847	173	422	0.330	ug/l	# 1
76) 1,2,3-Trichloropropane	12.847	75	61962	28.457	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	61962	58.311	ug/l	# 12

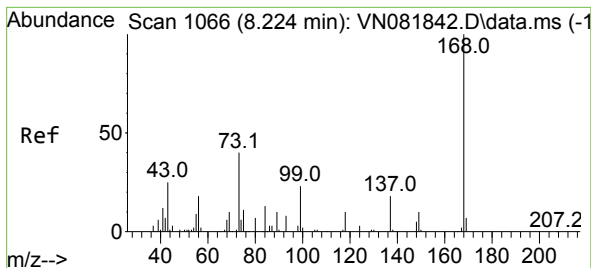
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082081.D
Acq On : 10 May 2024 19:45
Operator : JC\MD
Sample : P2430-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 23:28:26 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# 1

Delta R.T. -0.000 min

Lab File: VN082081.D

Acq: 10 May 2024 19:45

Instrument :

MSVOA_N

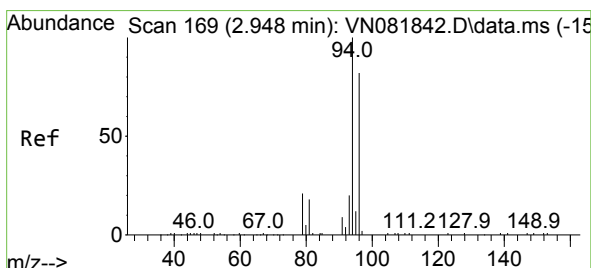
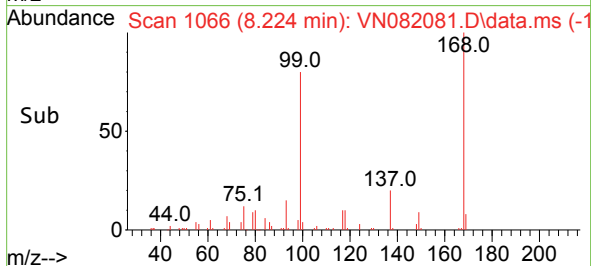
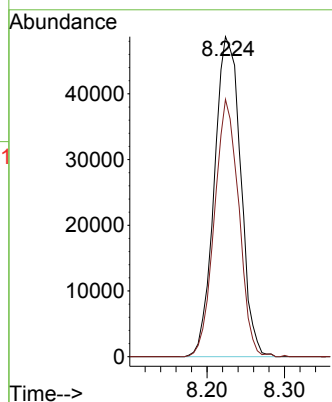
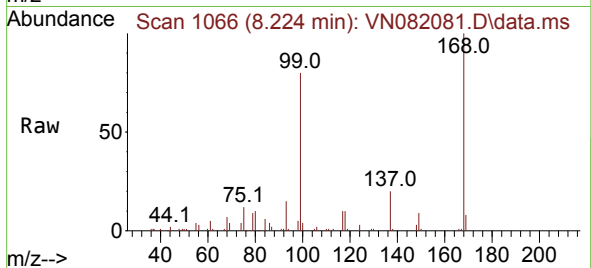
ClientSampleId :

Tgt Ion:168 Resp: 114949

Ion Ratio Lower Upper

168 100

99 80.4 48.2 72.4#



#5

Bromomethane

Concen: Below Cal

RT: 2.965 min Scan# 172

Delta R.T. 0.017 min

Lab File: VN082081.D

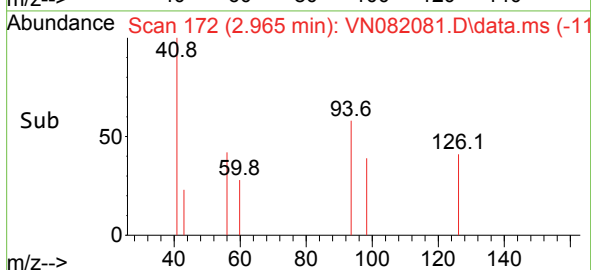
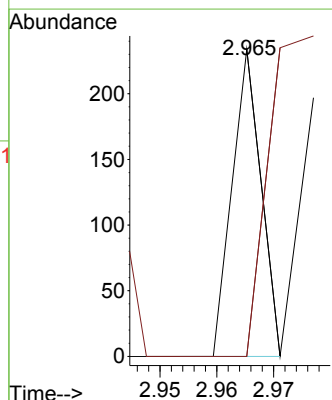
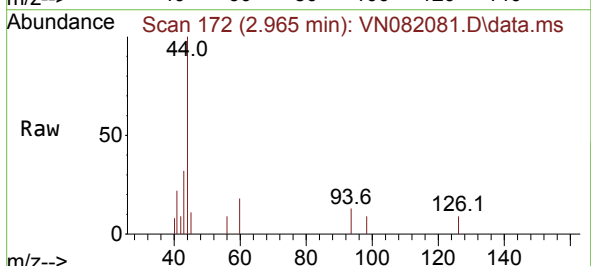
Acq: 10 May 2024 19:45

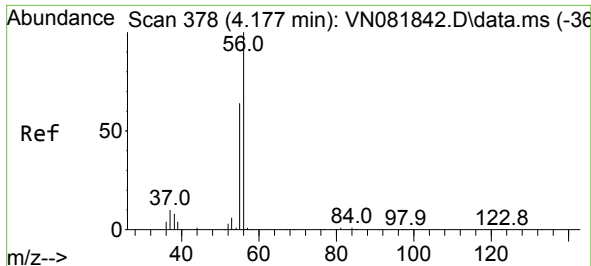
Tgt Ion: 94 Resp: 83

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#

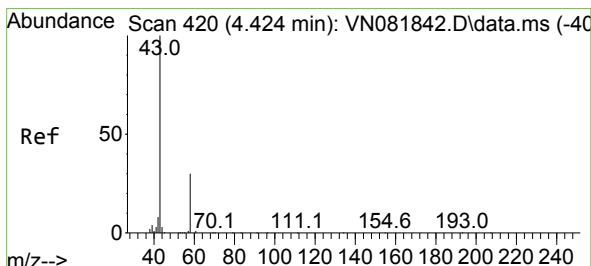
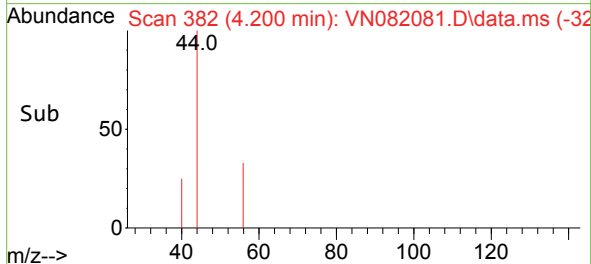
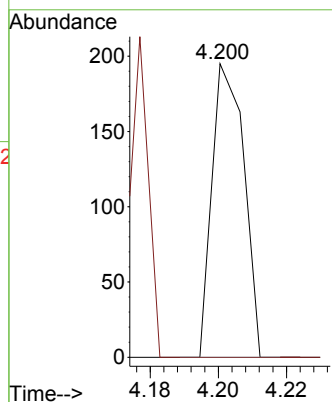
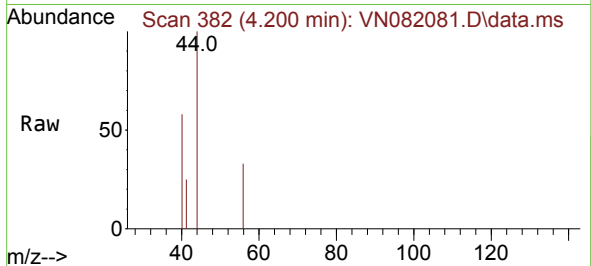




#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 31
Delta R.T. 0.023 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

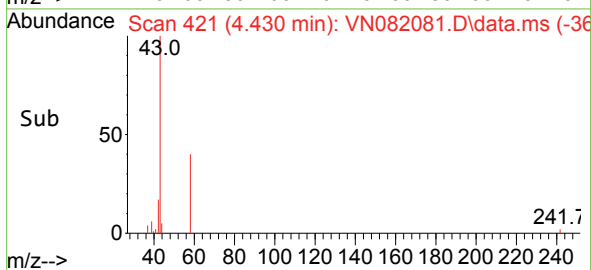
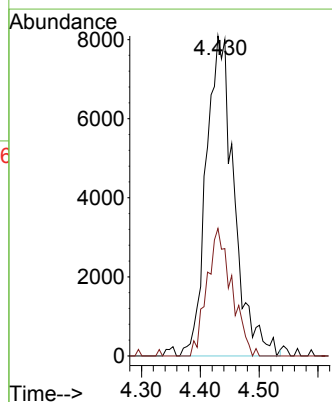
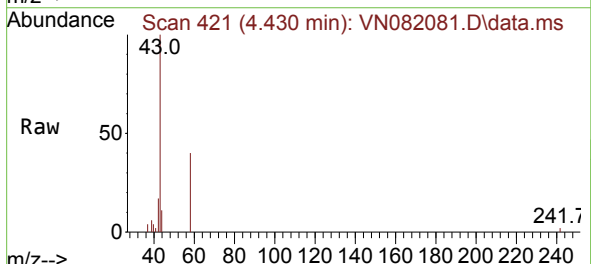
Instrument :
MSVOA_N
ClientSampleId :

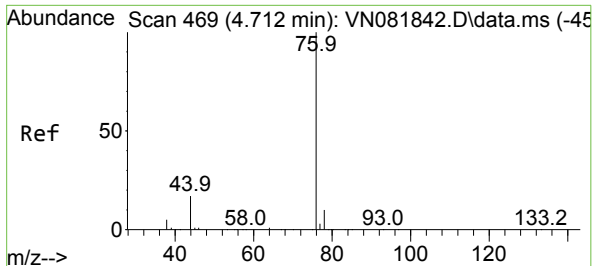
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 41.814 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Tgt Ion: 43 Resp: 26600
Ion Ratio Lower Upper
43 100
58 39.9 25.2 37.8#

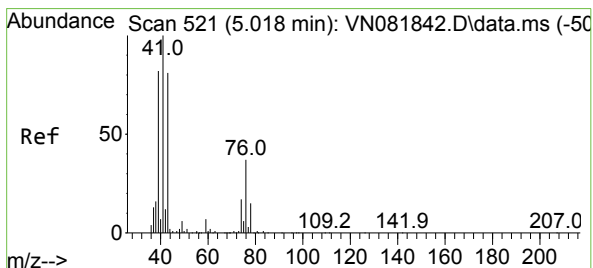
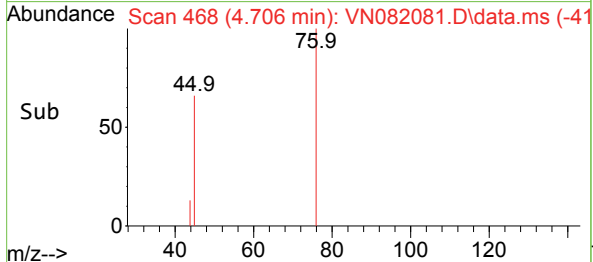
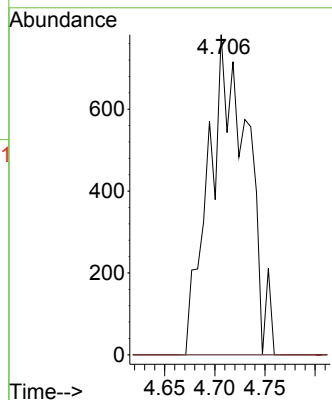
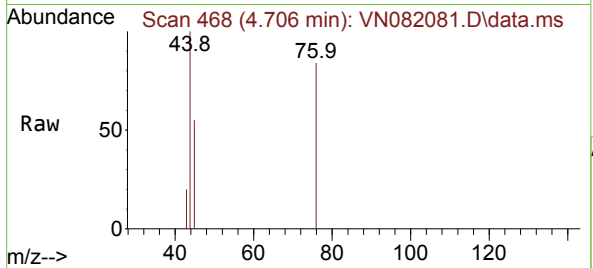




#17
Carbon Disulfide
Concen: 0.502 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

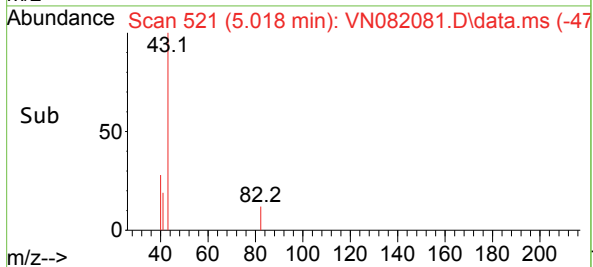
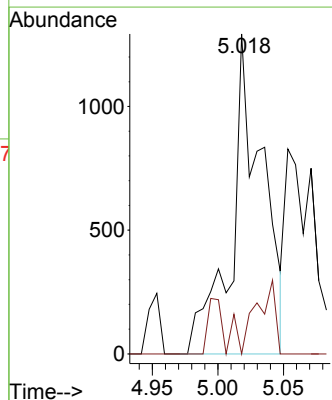
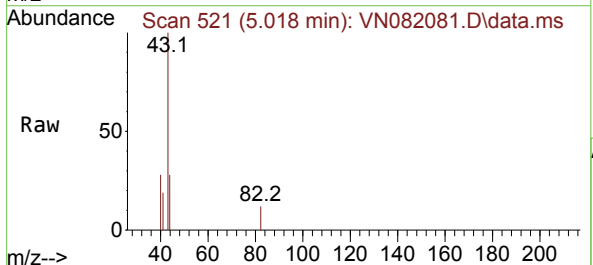
Instrument :
MSVOA_N
ClientSampleId :

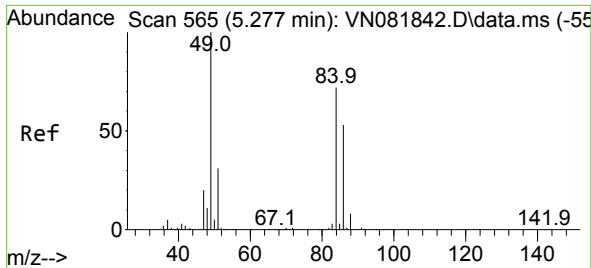
Tgt Ion: 76 Resp: 2101
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 1.079 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

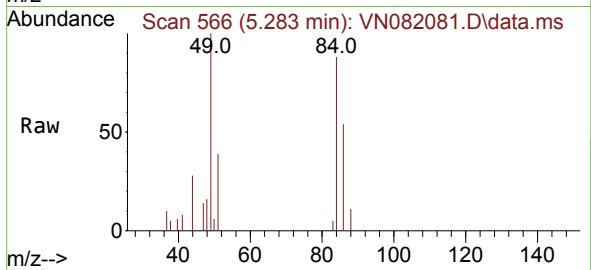
Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



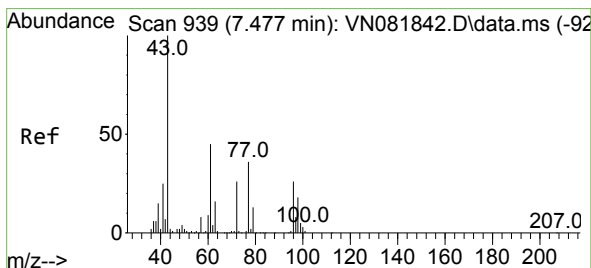
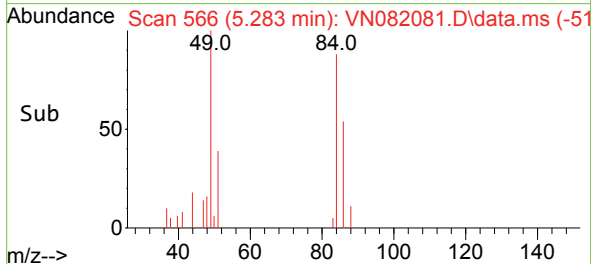
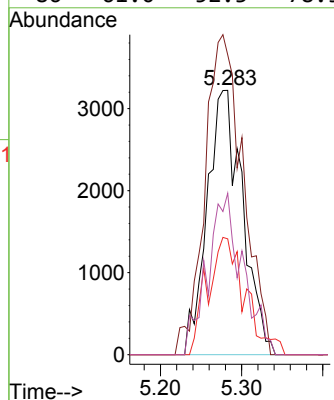


#20
Methylene Chloride
Concen: 5.879 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

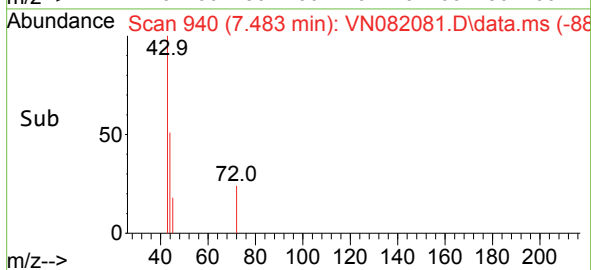
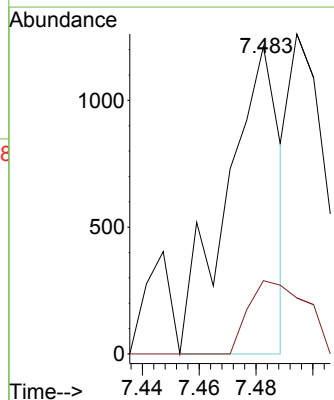
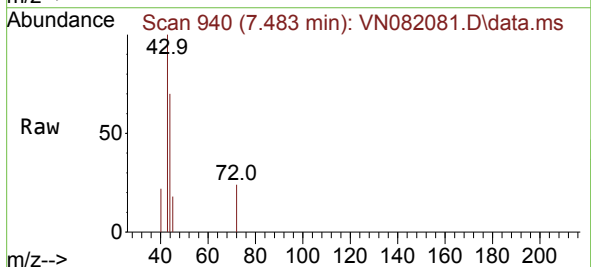


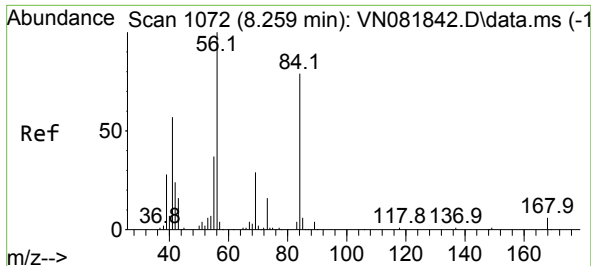
Tgt Ion:	84	Resp:	9775
Ion	Ratio	Lower	Upper
84	100		
49	113.4	84.9	127.3
51	43.8	27.0	40.6#
86	61.0	52.3	78.5



#25
2-Butanone
Concen: 1.436 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

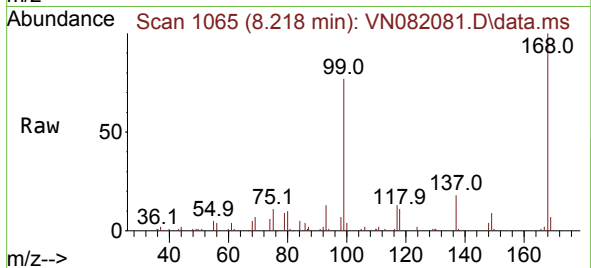
Tgt Ion:	43	Resp:	1581
Ion	Ratio	Lower	Upper
43	100		
72	23.8	25.3	37.9#



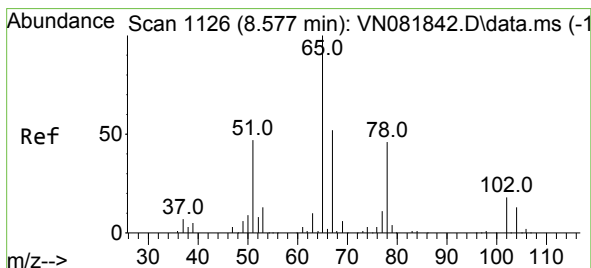
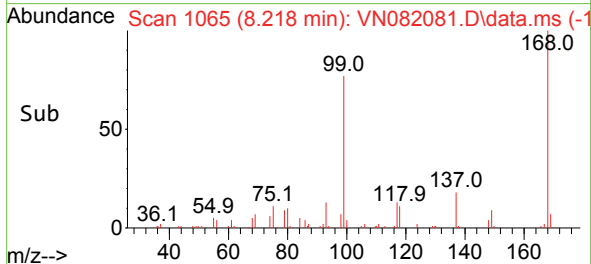
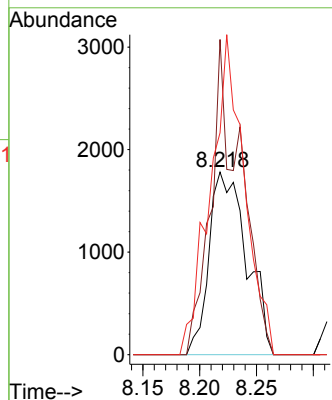


#31
Cyclohexane
Concen: 1.406 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

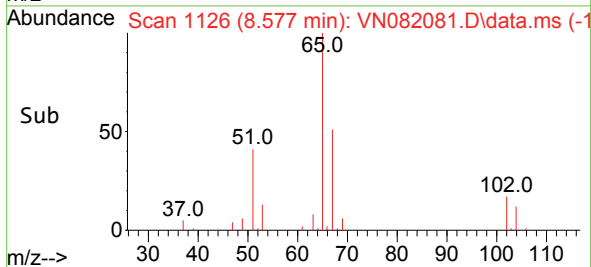
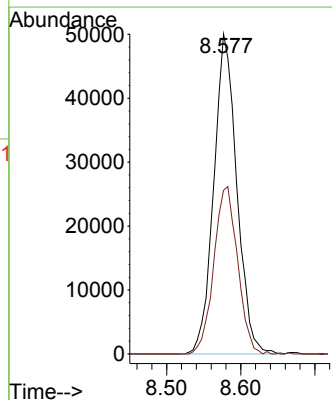
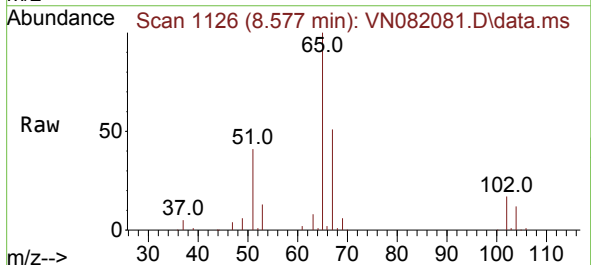


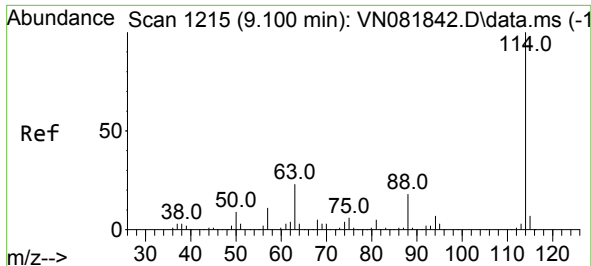
Tgt Ion: 56 Resp: 4108
Ion Ratio Lower Upper
56 100
69 172.7 24.4 36.6#
84 121.6 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 55.714 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Tgt Ion: 65 Resp: 108087
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0

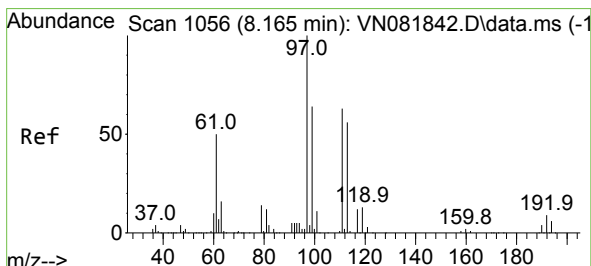
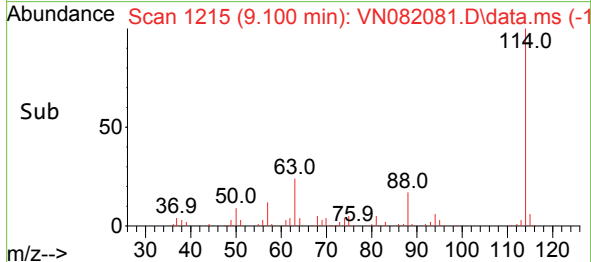
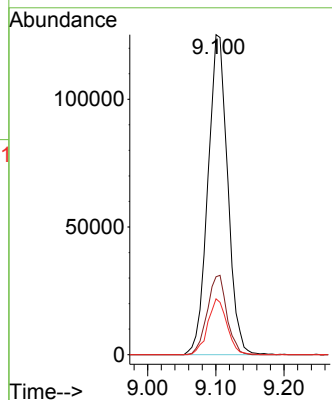
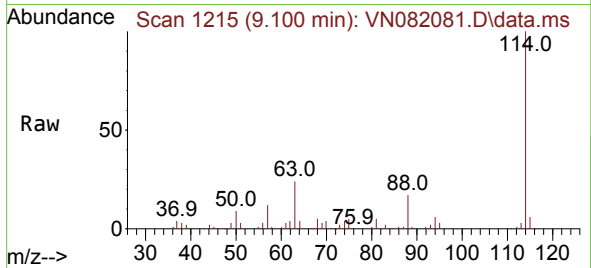




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

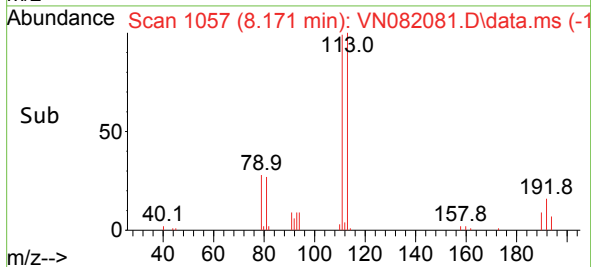
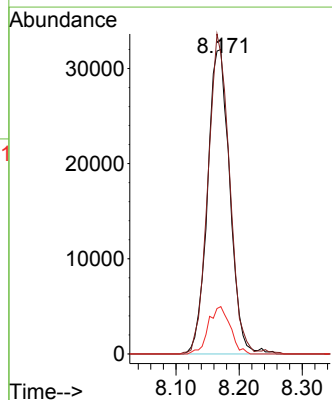
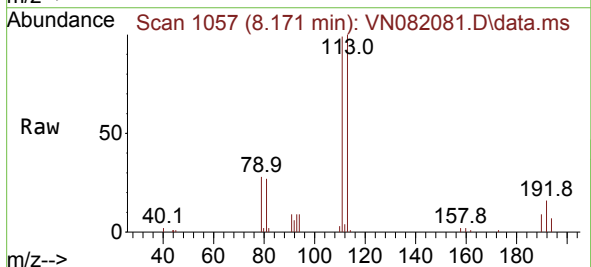
Instrument :
MSVOA_N
ClientSampleId :

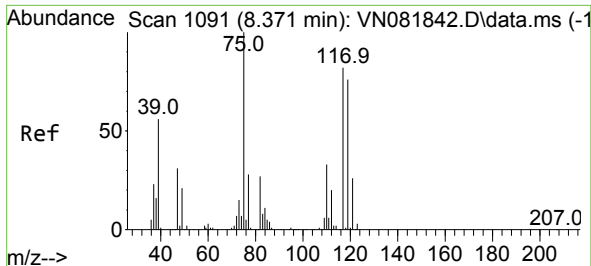
Tgt Ion:114 Resp: 252220
Ion Ratio Lower Upper
114 100
63 24.3 0.0 41.0
88 17.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.644 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

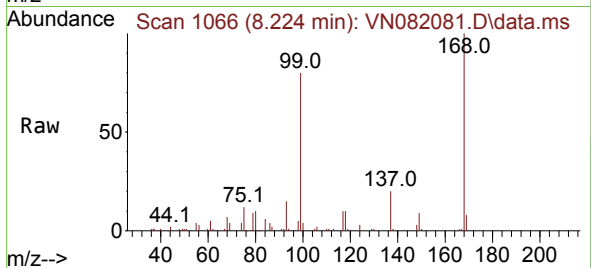
Tgt Ion:113 Resp: 78425
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 15.2 14.0 21.0



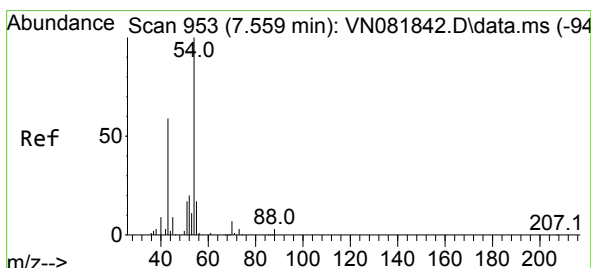
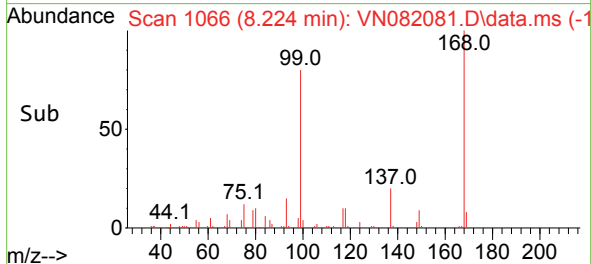
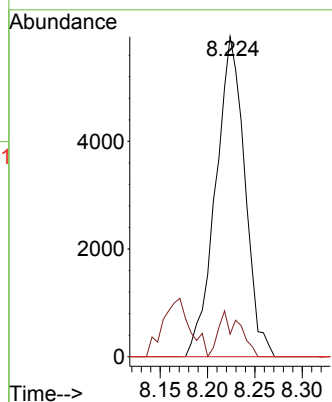


#36
1,1-Dichloropropene
Concen: 5.146 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

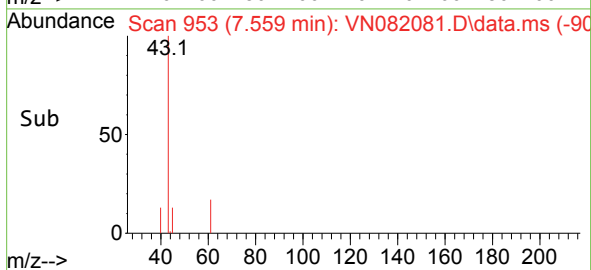
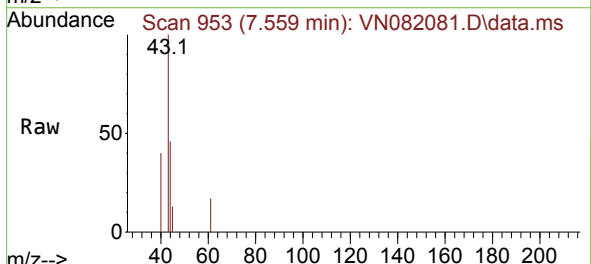
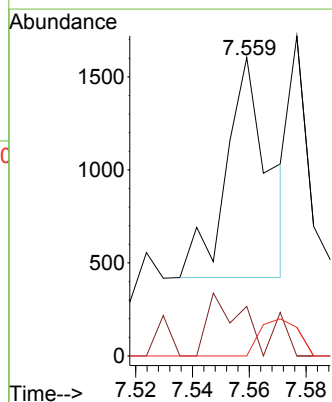


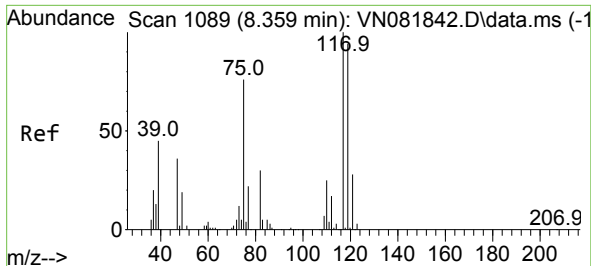
Tgt Ion: 75 Resp: 12713
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.455 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

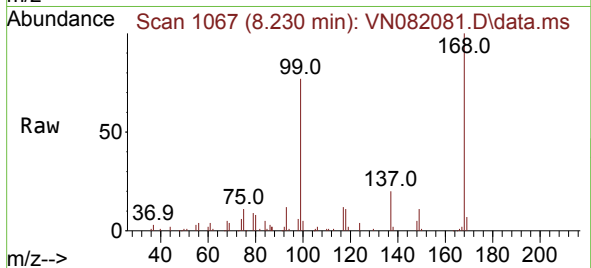
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 15.1 8.7 13.1#



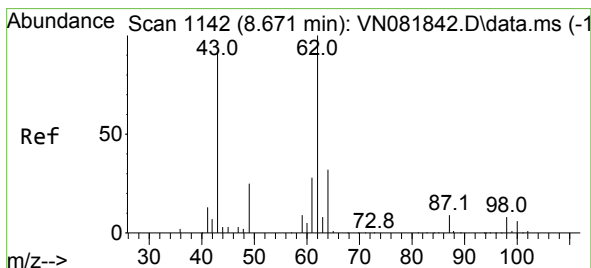
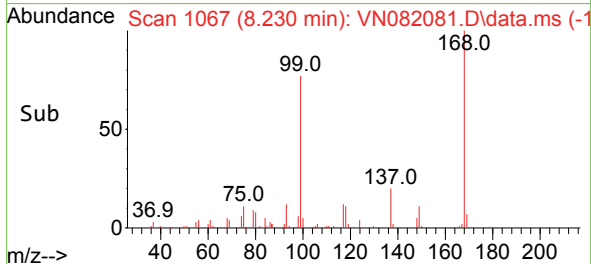
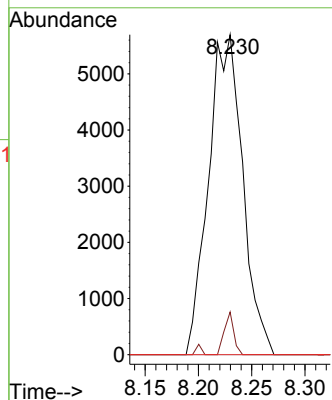


#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

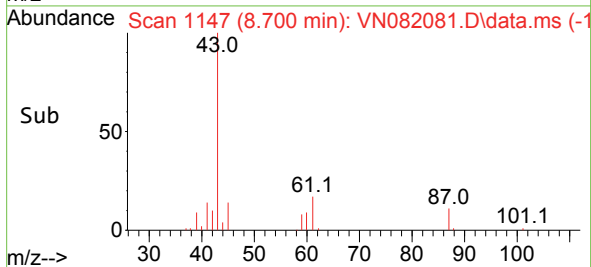
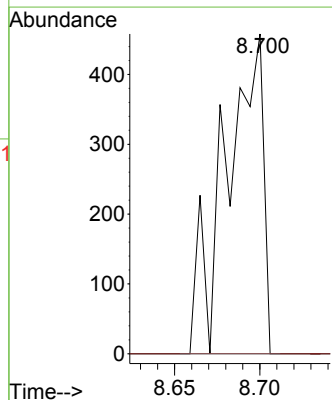
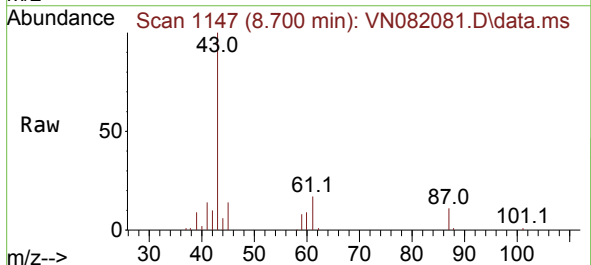


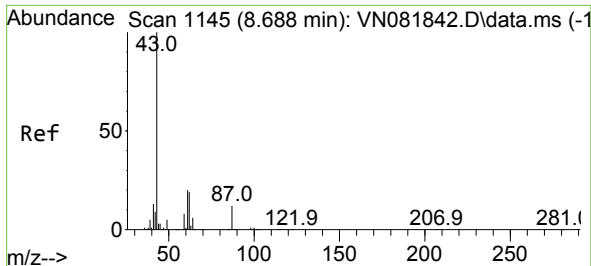
Tgt Ion:117 Resp: 12691
Ion Ratio Lower Upper
117 100
119 13.3 76.5 114.7#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.255 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.029 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

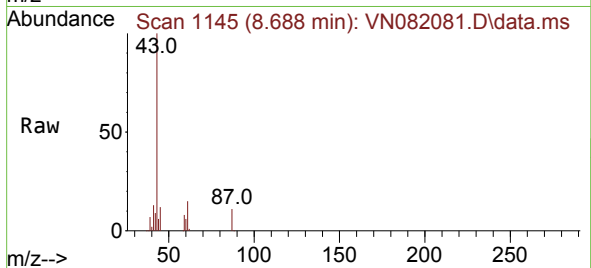
Tgt Ion: 62 Resp: 702
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6



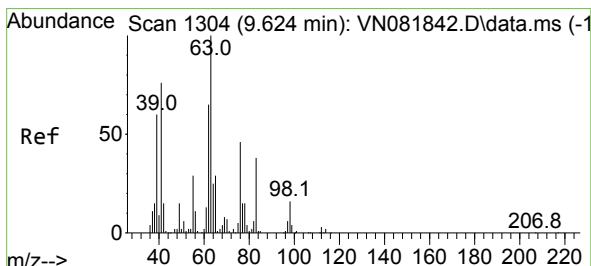
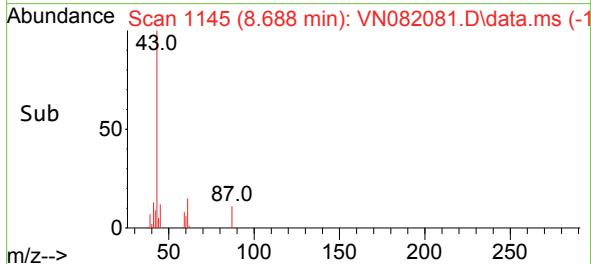
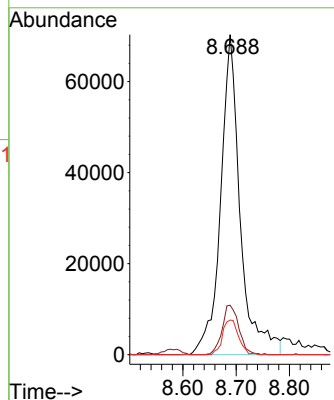


#43
Isopropyl Acetate
Concen: 35.742 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

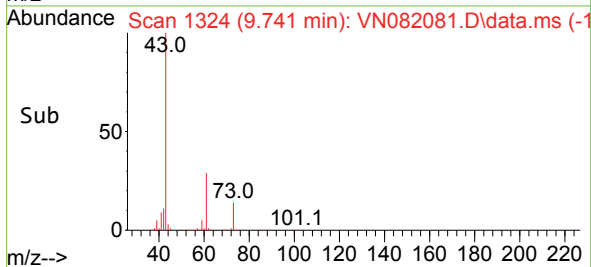
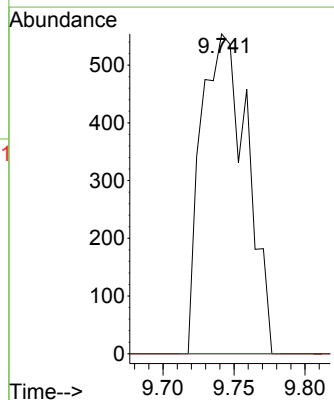
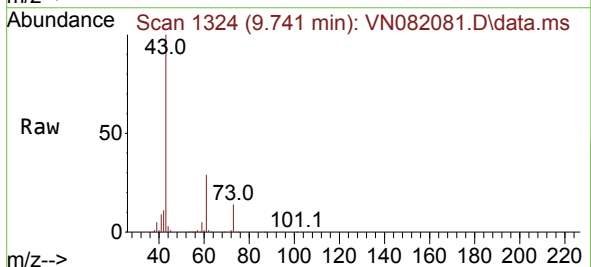


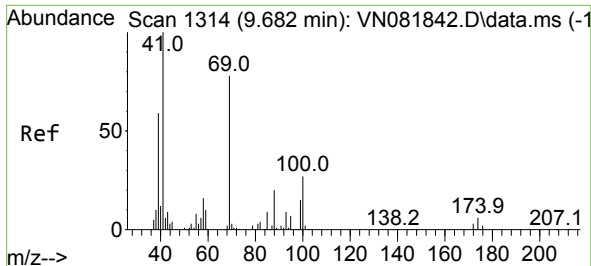
Tgt Ion: 43 Resp: 179519
Ion Ratio Lower Upper
43 100
61 13.2 22.8 34.2#
87 8.9 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.642 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

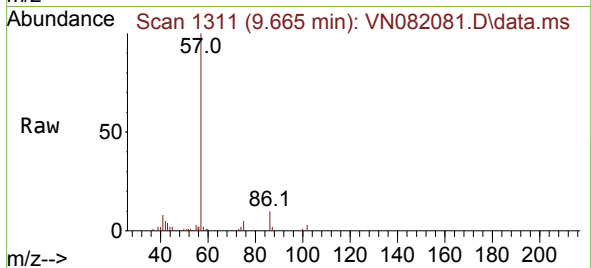
Tgt Ion: 63 Resp: 1247
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#



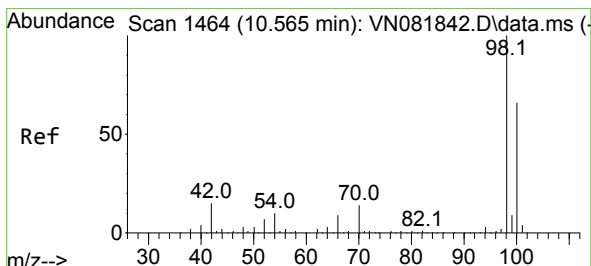
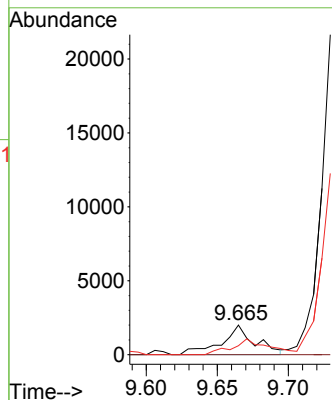
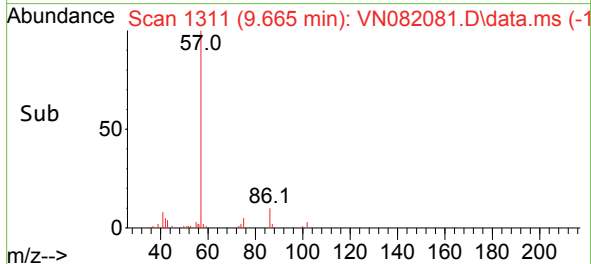


#48
Methyl methacrylate
Concen: 1.348 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

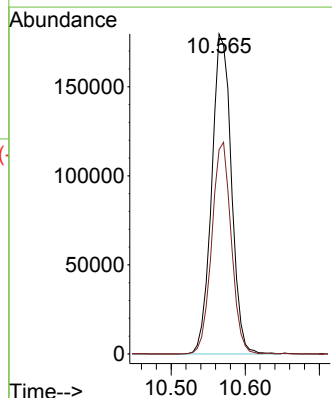
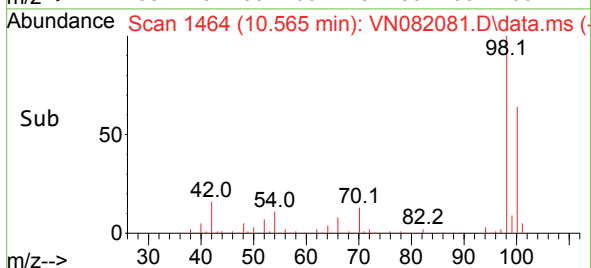
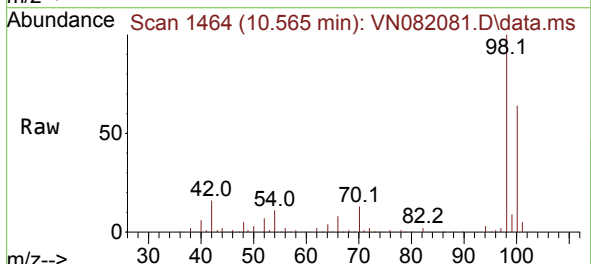


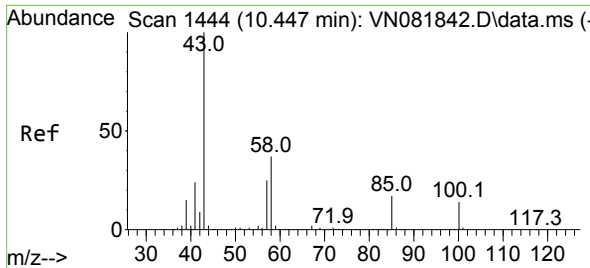
Tgt Ion: 41 Resp: 3232
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 57.2 50.9 76.3



#50
Toluene-d8
Concen: 55.428 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Tgt Ion: 98 Resp: 330579
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

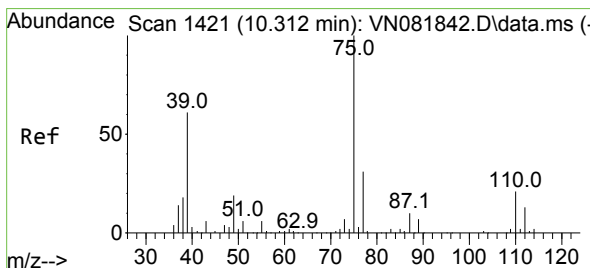
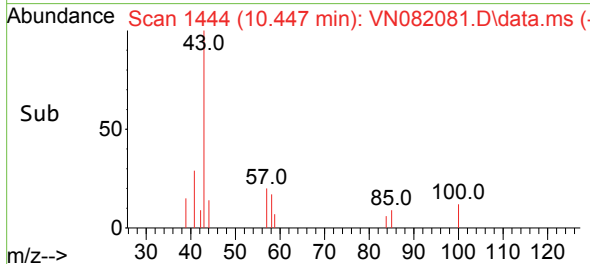
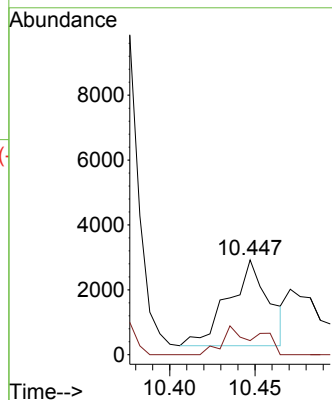
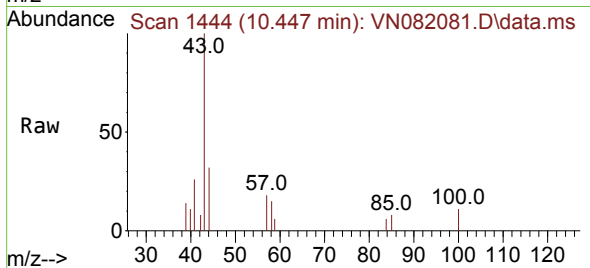




#51
4-Methyl-2-Pentanone
Concen: 1.541 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

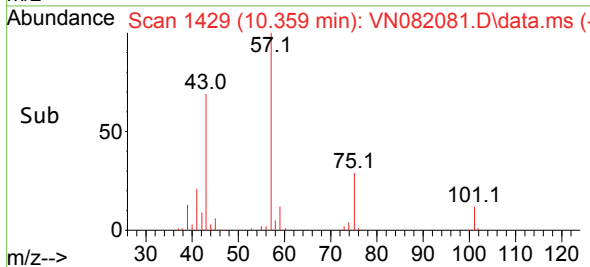
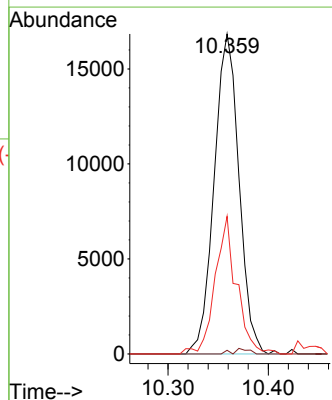
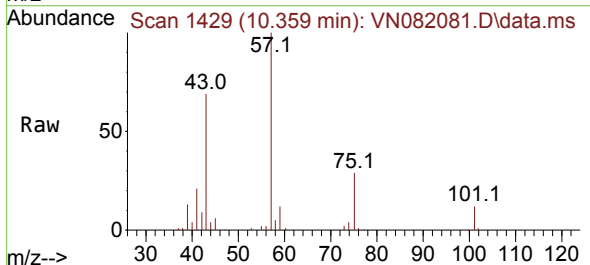
Instrument :
MSVOA_N
ClientSampleId :

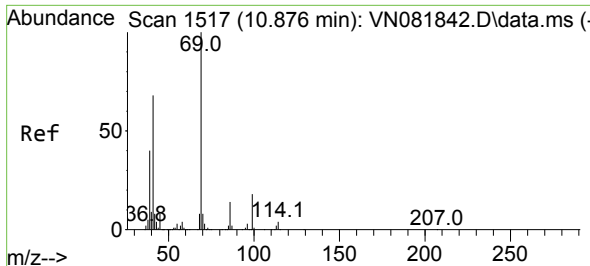
Tgt Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
58 18.7 33.2 49.8#



#54
cis-1,3-Dichloropropene
Concen: 9.143 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

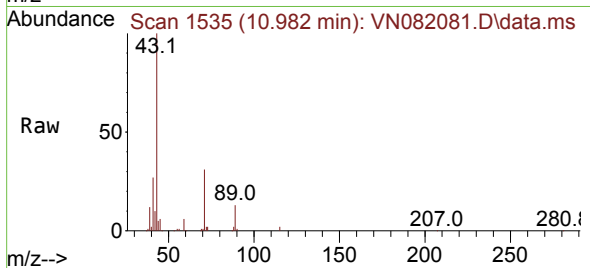
Tgt Ion: 75 Resp: 29008
Ion Ratio Lower Upper
75 100
77 1.2 25.0 37.4#
39 43.0 34.8 52.2



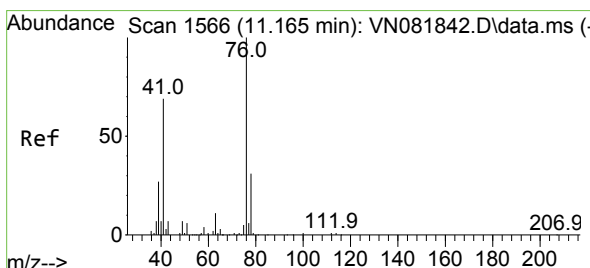
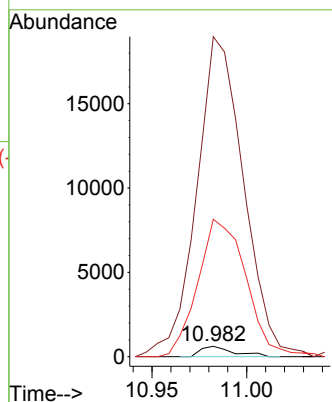
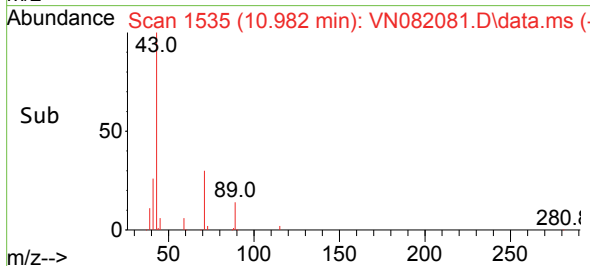


#56
Ethyl methacrylate
Concen: 0.222 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

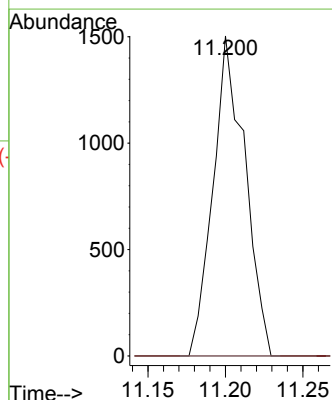
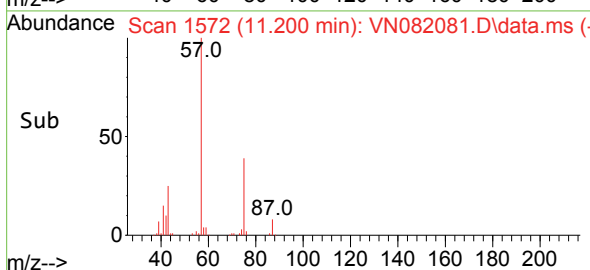
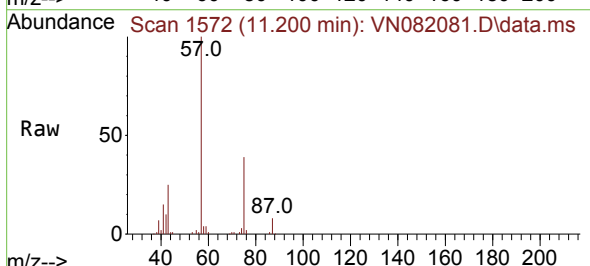


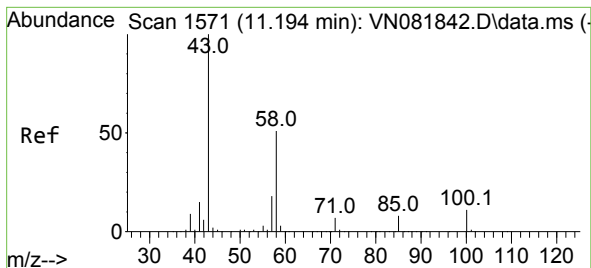
Tgt Ion: 69 Resp: 739
Ion Ratio Lower Upper
69 100
41 4452.2 46.6 70.0#
39 1958.5 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 0.691 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Tgt Ion: 76 Resp: 2147
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

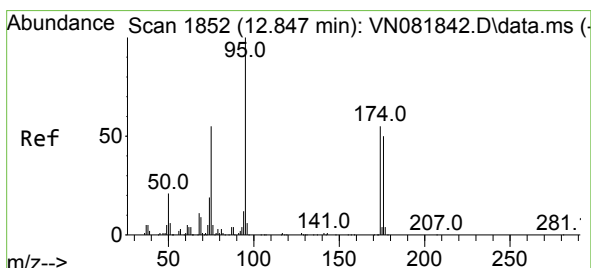
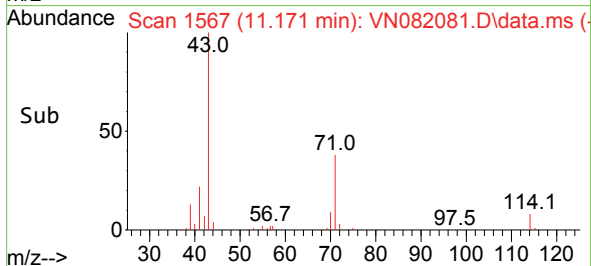
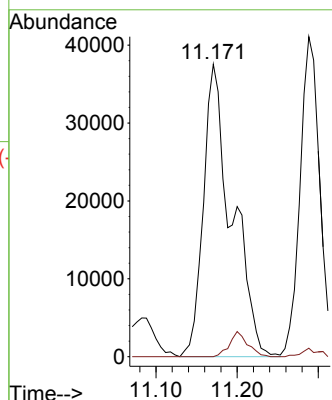
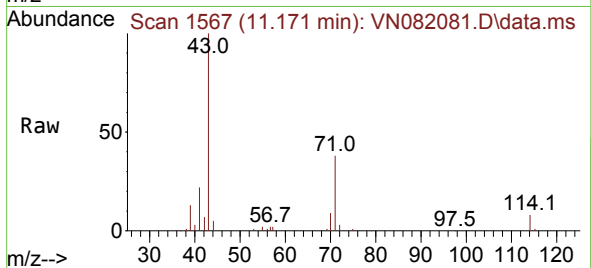




#59
2-Hexanone
Concen: 43.394 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

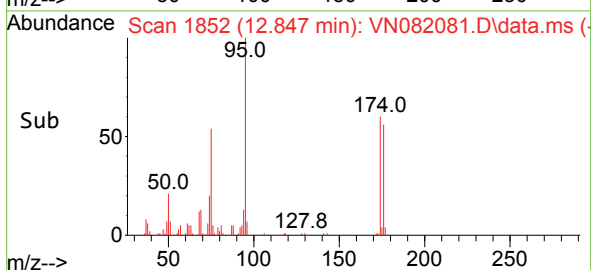
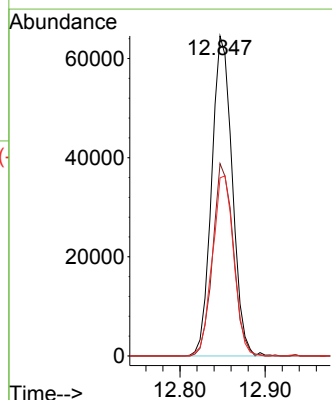
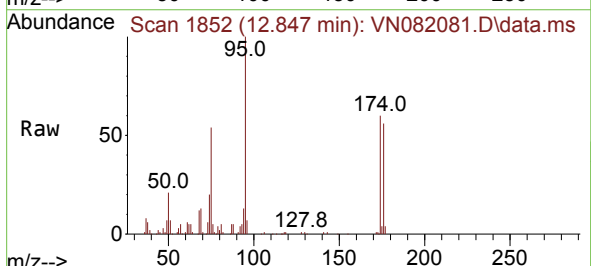
Instrument :
MSVOA_N
ClientSampleId :

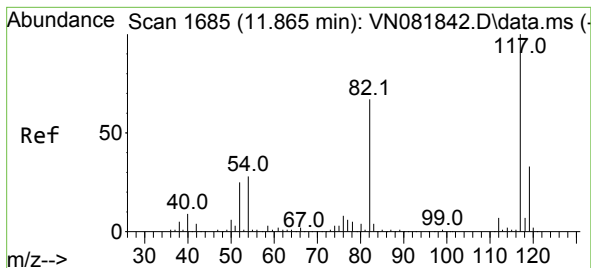
Tgt Ion: 43 Resp: 91309
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 45.931 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Tgt Ion: 95 Resp: 108288
Ion Ratio Lower Upper
95 100
174 60.1 0.0 160.6
176 58.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

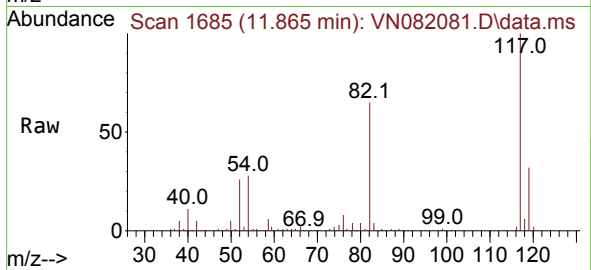
Lab File: VN082081.D

Acq: 10 May 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :



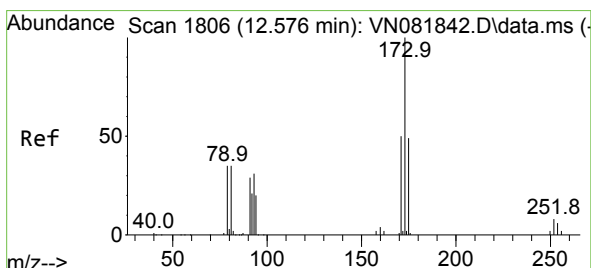
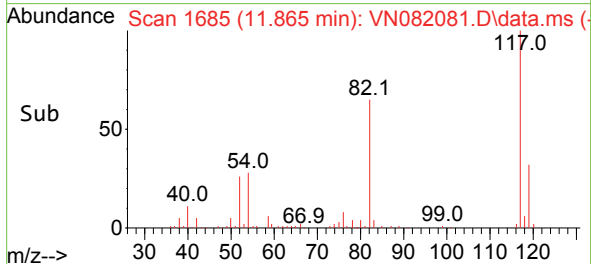
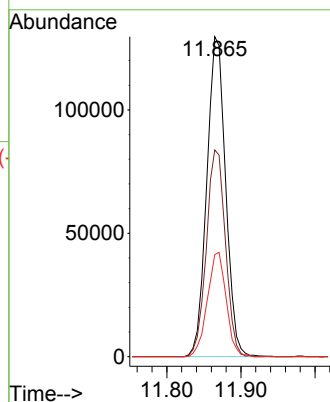
Tgt Ion:117 Resp: 229453

Ion Ratio Lower Upper

117 100

82 64.6 44.6 66.8

119 31.9 25.9 38.9



#71

Bromoform

Concen: 0.330 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN082081.D

Acq: 10 May 2024 19:45

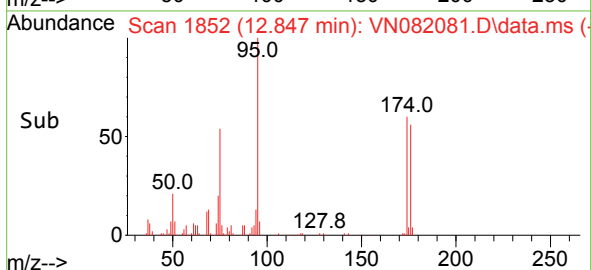
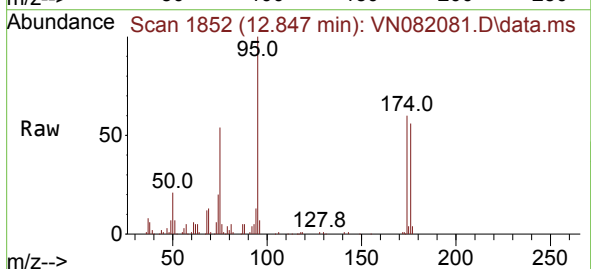
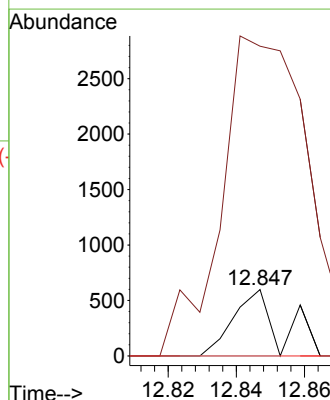
Tgt Ion:173 Resp: 422

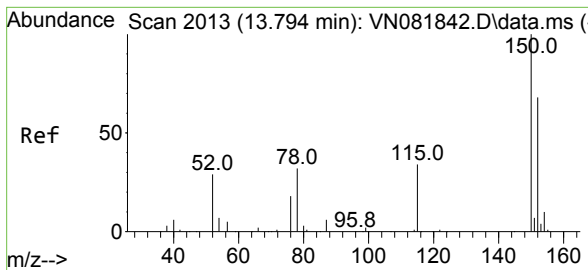
Ion Ratio Lower Upper

173 100

175 882.9 24.6 74.0#

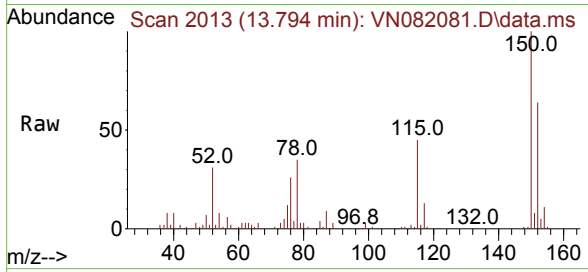
254 0.0 0.0 0.0



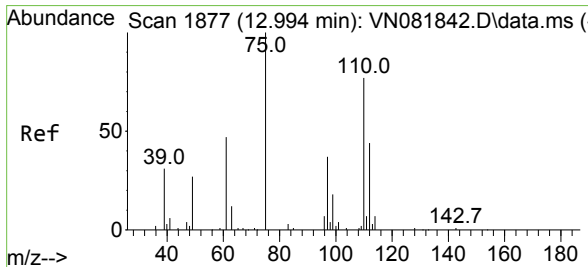
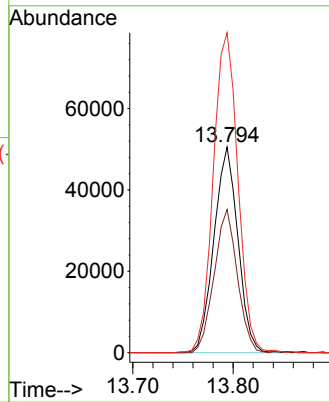
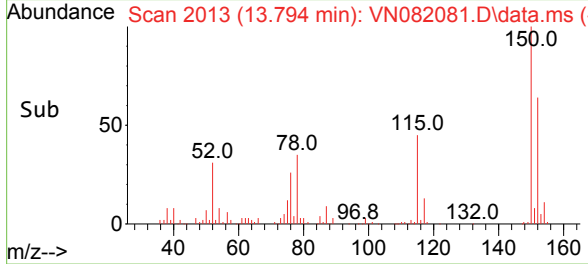


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

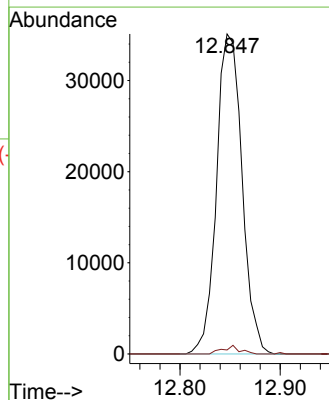
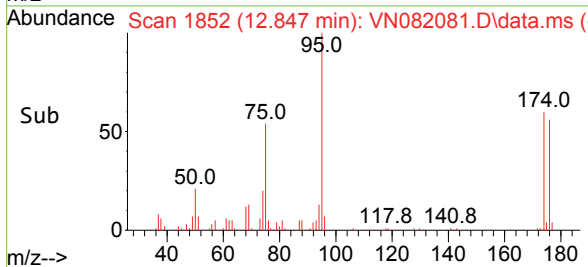
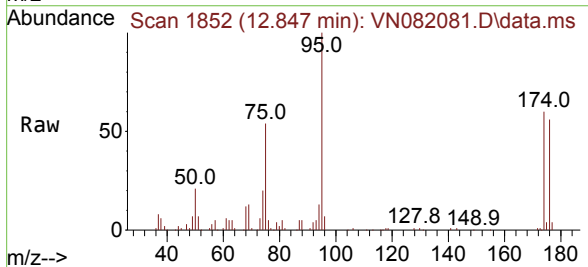


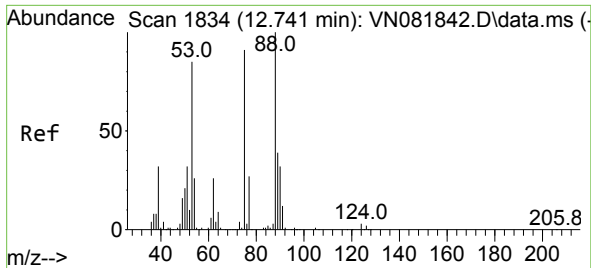
Tgt Ion:152 Resp: 83980
Ion Ratio Lower Upper
152 100
115 67.4 30.4 91.3
150 159.8 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 28.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

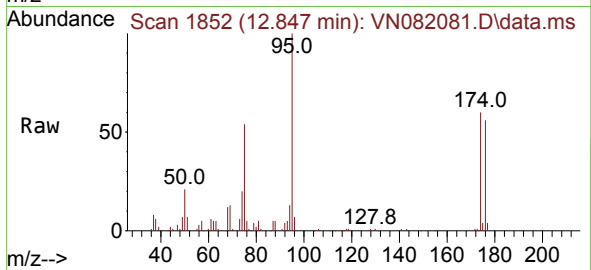
Tgt Ion: 75 Resp: 61962
Ion Ratio Lower Upper
75 100
77 1.8 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.311 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082081.D
Acq: 10 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#

