

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082493.D
 Acq On : 07 Jun 2024 15:24
 Operator : JC\MD
 Sample : P2771-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-160-162

Quant Time: Jun 08 00:59:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

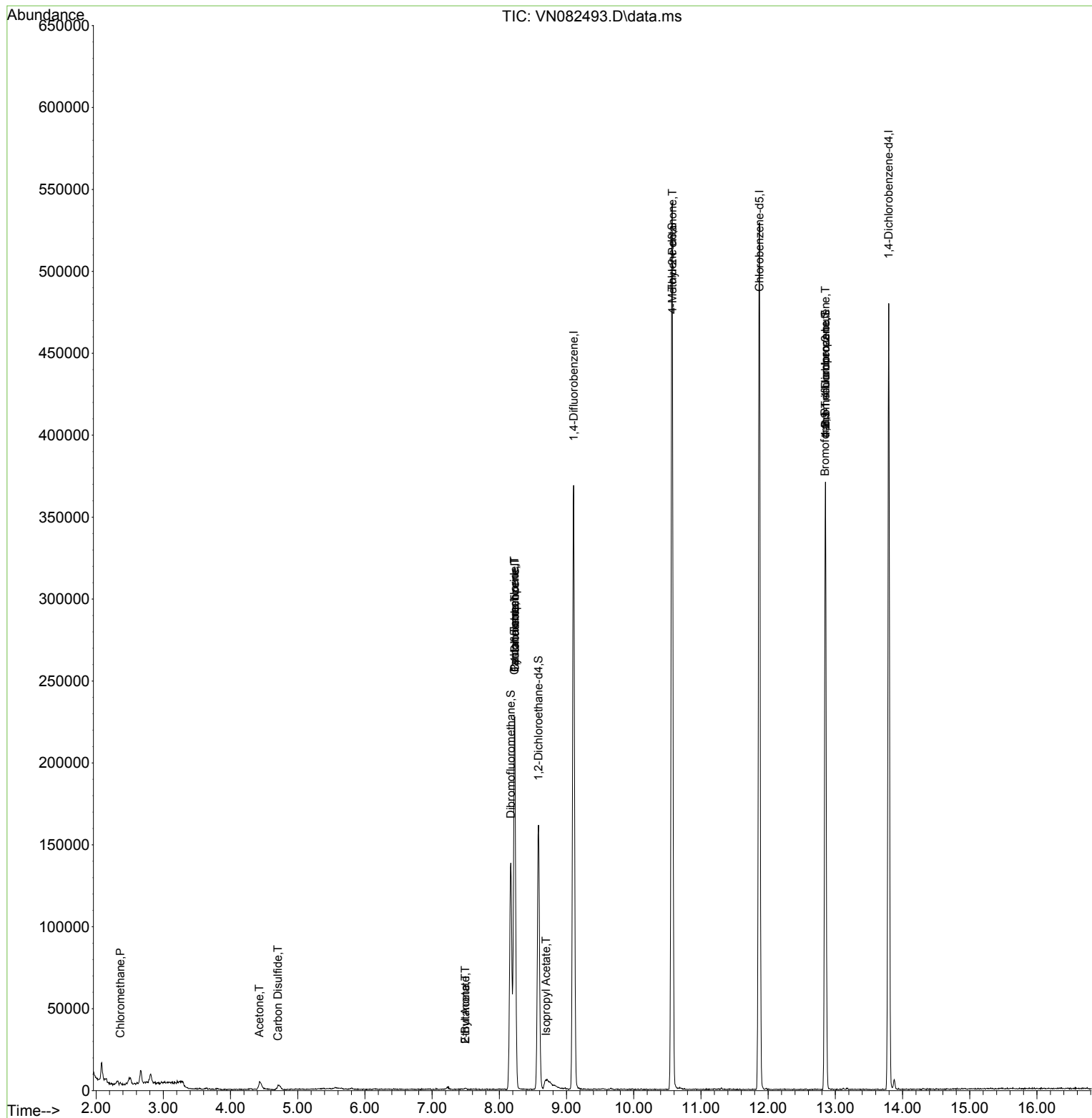
Internal Standards						
1) Pentafluorobenzene	8.230	168	155440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	278262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131519	53.584	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	8.171	113	97658	54.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.240%	
50) Toluene-d8	10.571	98	351544	51.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.853	95	119486	48.839	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1228	0.484	ug/l #	43
16) Acetone	4.430	43	10058	9.990	ug/l	92
17) Carbon Disulfide	4.706	76	4366	0.796	ug/l	95
25) 2-Butanone	7.494	43	1356	0.888	ug/l #	43
31) Cyclohexane	8.230	56	4423	1.128	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	14908	4.972	ug/l #	48
37) Ethyl Acetate	7.494	43	1356	0.404	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17488	5.753	ug/l #	17
43) Isopropyl Acetate	8.694	43	12244	2.059	ug/l #	52
51) 4-Methyl-2-Pentanone	10.577	43	2263	0.670	ug/l #	1
71) Bromoform	12.847	173	812	1.198	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	68675	28.008	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68675	65.510	ug/l #	12

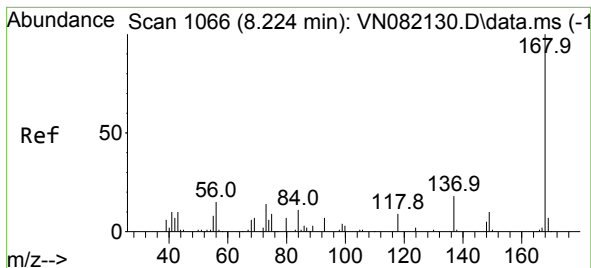
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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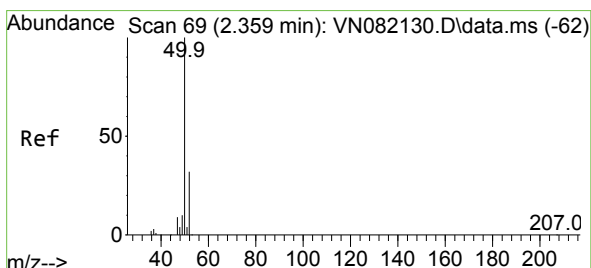
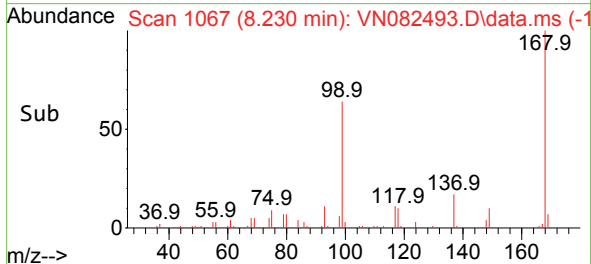
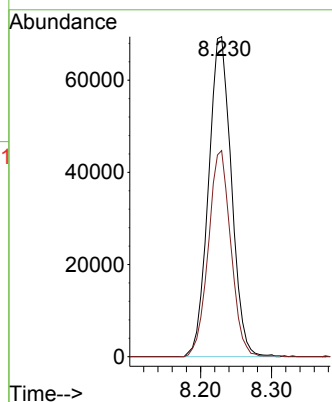
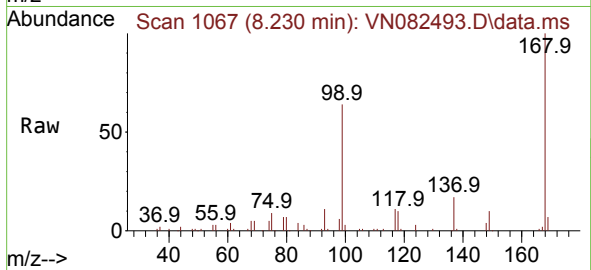




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

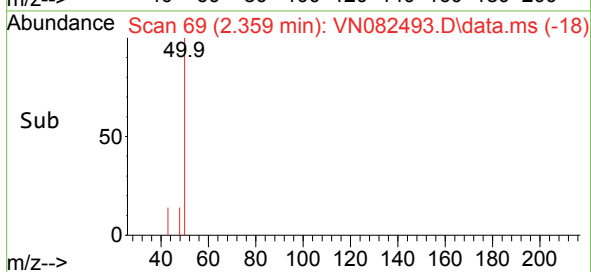
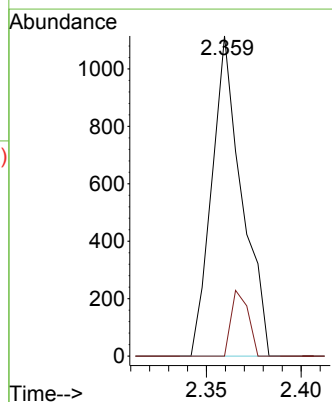
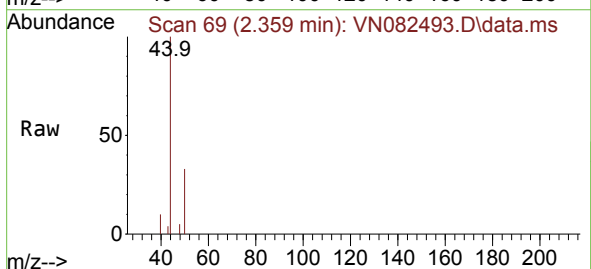
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-160-162

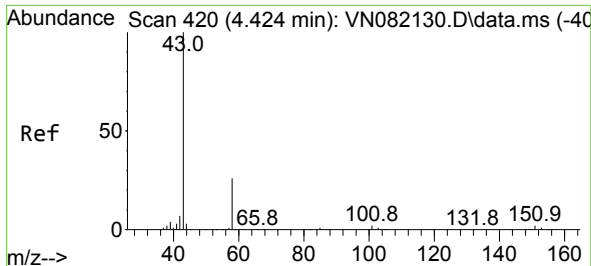
Tgt Ion:168 Resp: 155440
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#3
Chloromethane
Concen: 0.484 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Tgt Ion: 50 Resp: 1228
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

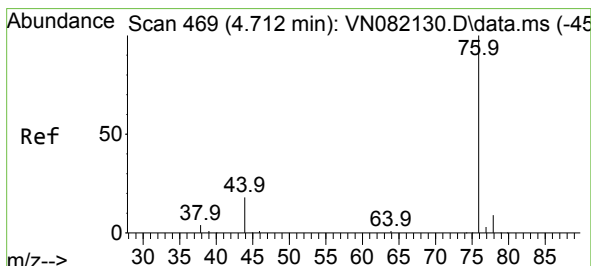
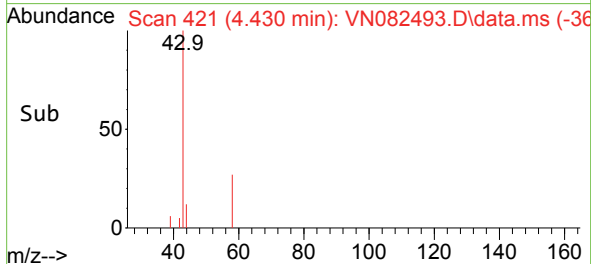
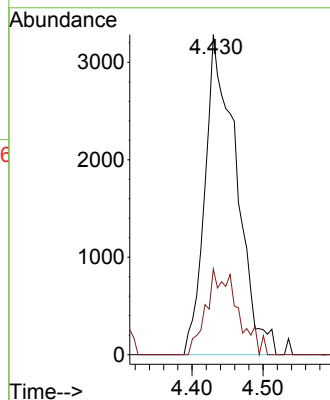
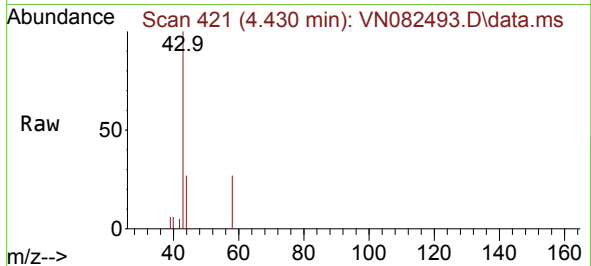




#16
Acetone
Concen: 9.990 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

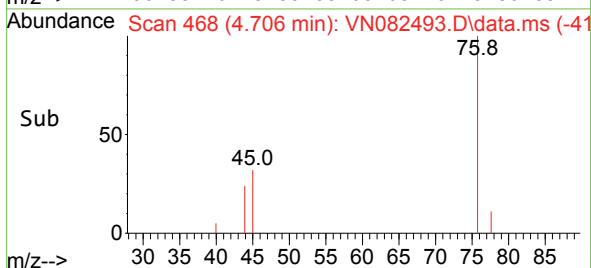
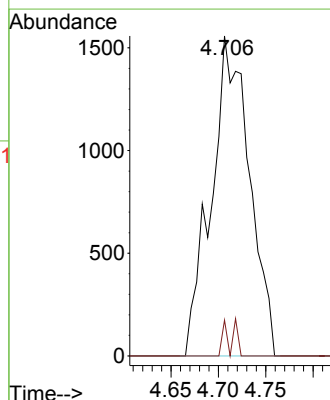
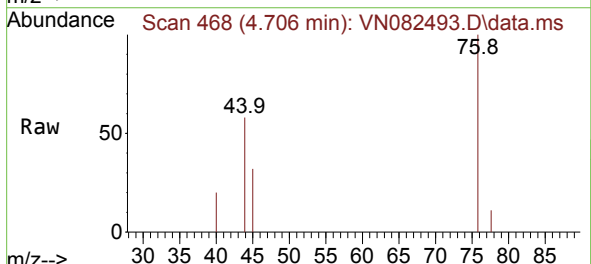
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-160-162

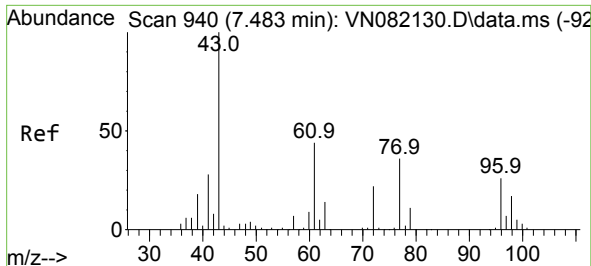
Tgt Ion: 43 Resp: 10058
Ion Ratio Lower Upper
43 100
58 26.8 25.2 37.8



#17
Carbon Disulfide
Concen: 0.796 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Tgt Ion: 76 Resp: 4366
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3

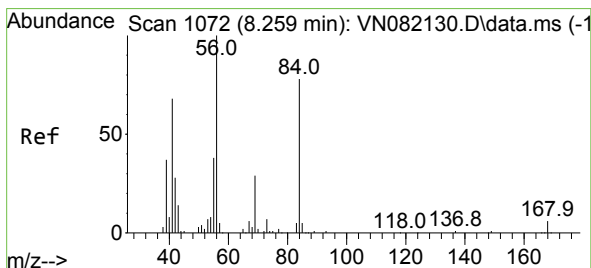
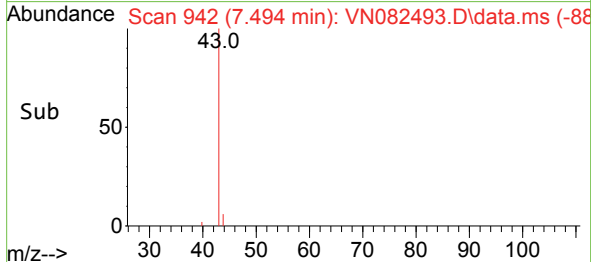
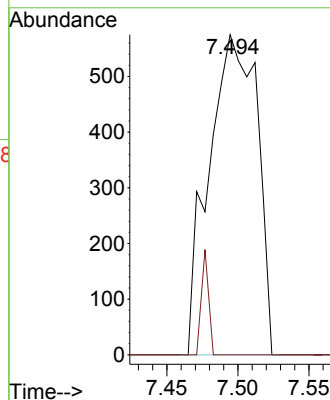
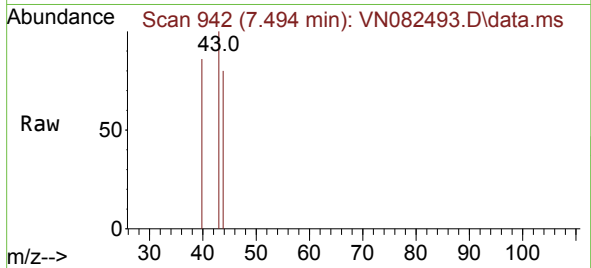




#25
2-Butanone
Concen: 0.888 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

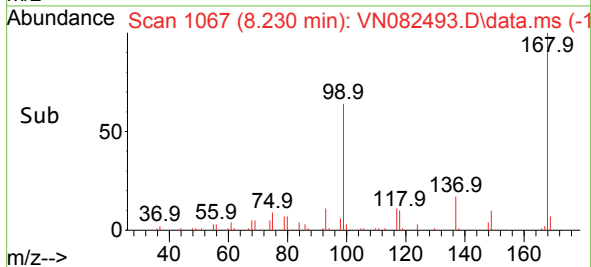
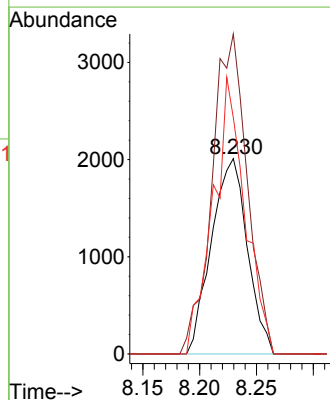
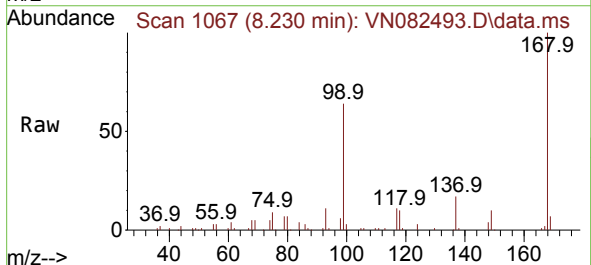
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-160-162

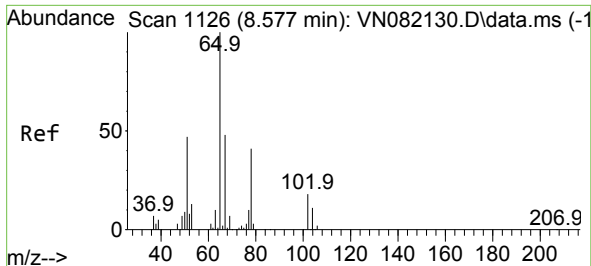
Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Tgt Ion: 56 Resp: 4423
Ion Ratio Lower Upper
56 100
69 163.8 24.4 36.6#
84 121.0 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 53.584 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082493.D

Acq: 07 Jun 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

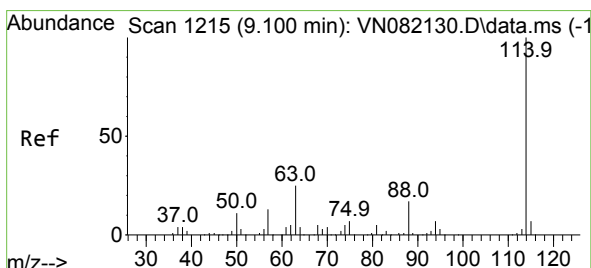
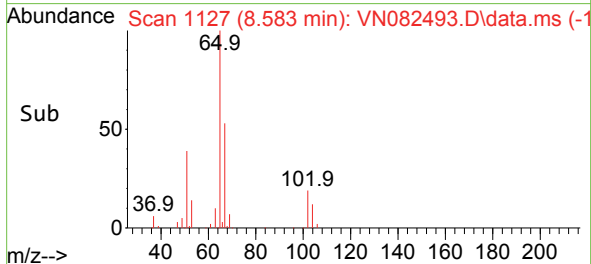
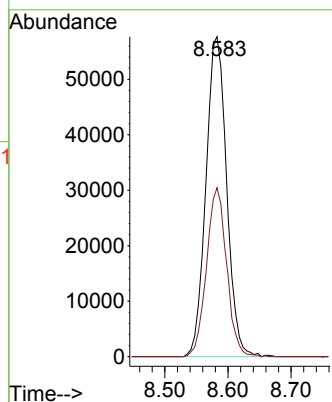
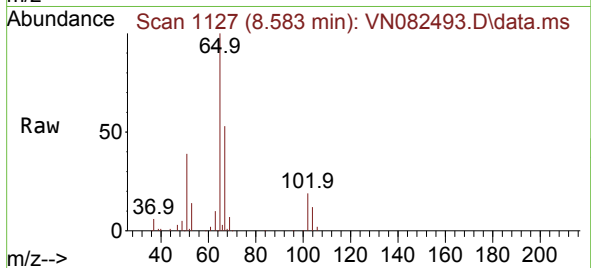
BP-VPB-196-GW-160-162

Tgt Ion: 65 Resp: 131519

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082493.D

Acq: 07 Jun 2024 15:24

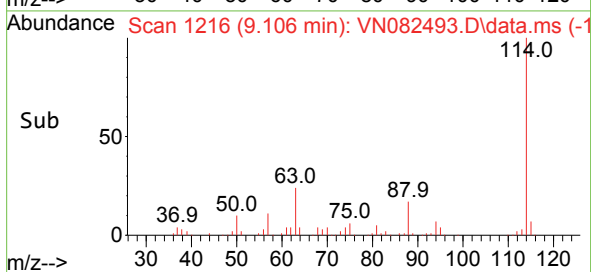
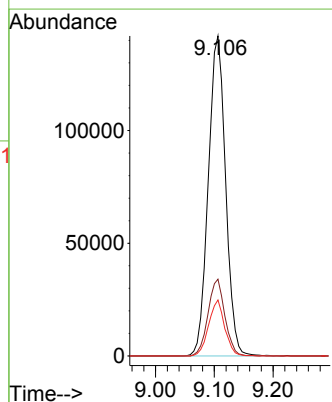
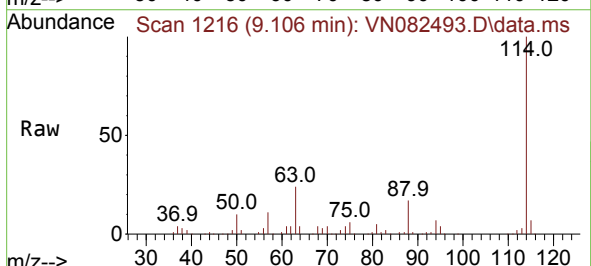
Tgt Ion: 114 Resp: 290634

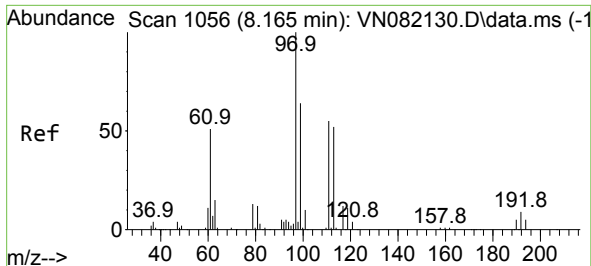
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 17.5 0.0 31.4

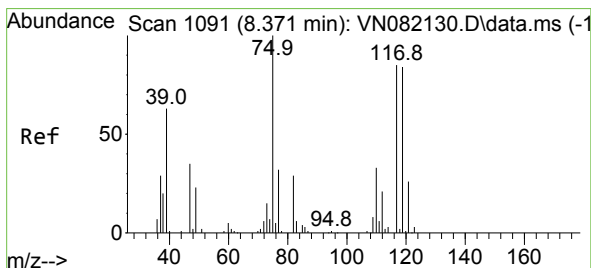
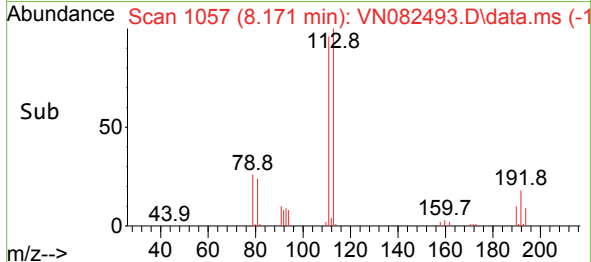
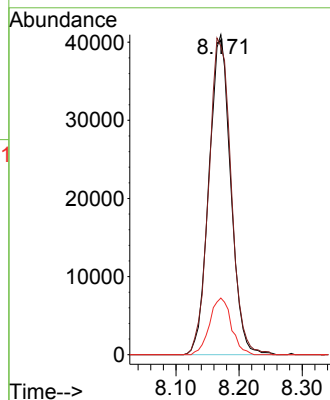
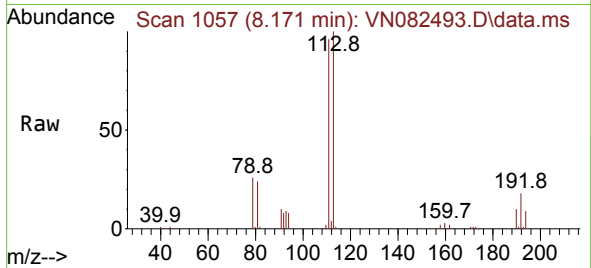




#35
Dibromofluoromethane
Concen: 54.623 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

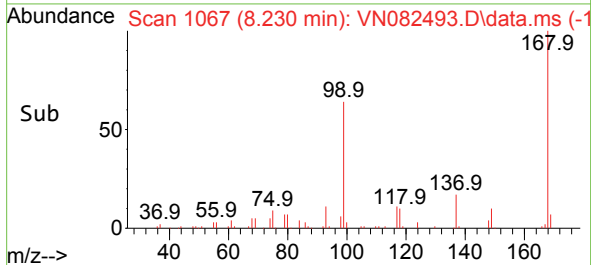
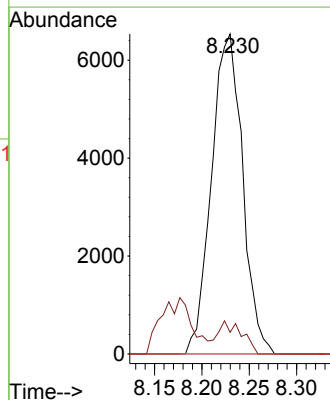
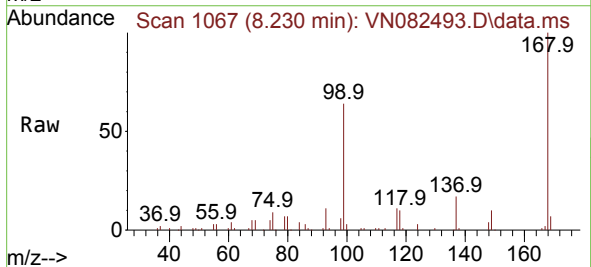
Instrument :
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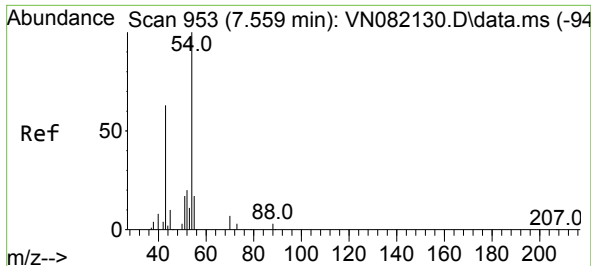
Tgt Ion:113 Resp: 97658
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 17.7 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

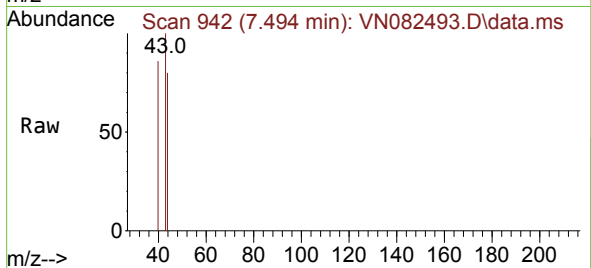
Tgt Ion: 75 Resp: 14908
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 25.0 37.4#



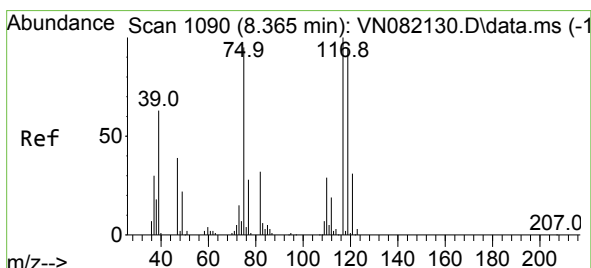
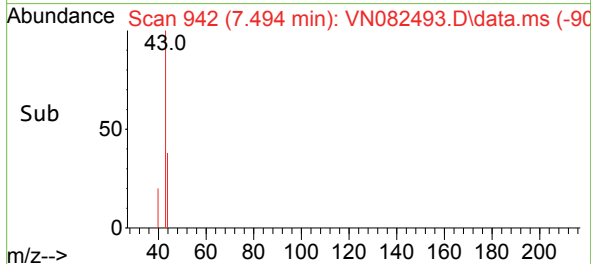
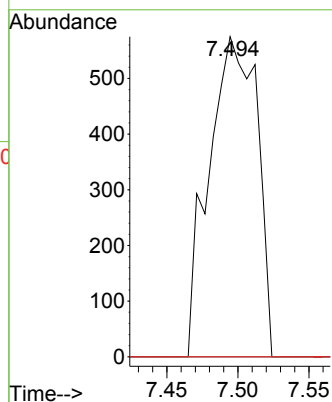


#37
Ethyl Acetate
Concen: 0.404 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-160-162

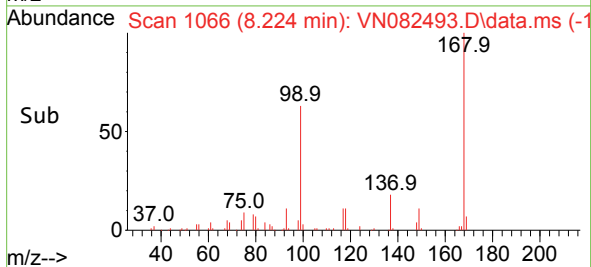
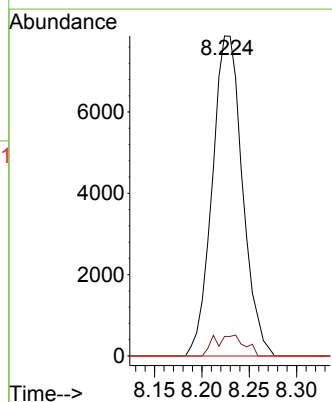
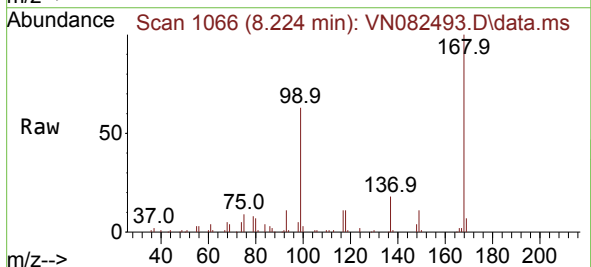


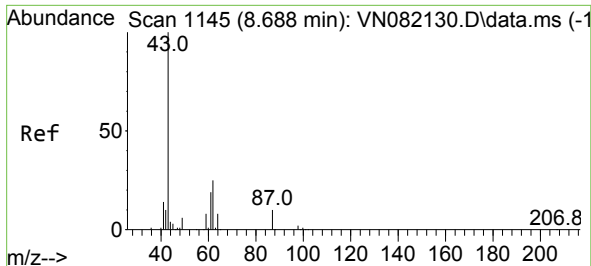
Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Tgt Ion: 117 Resp: 17488
Ion Ratio Lower Upper
117 100
119 6.1 76.5 114.7#
121 0.0 23.9 35.9#

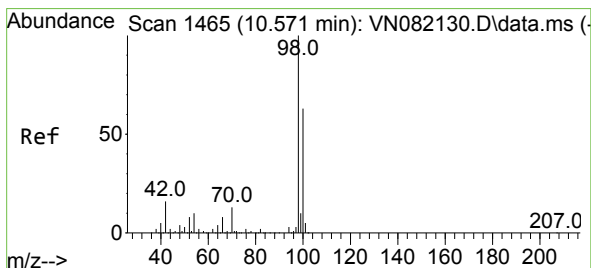
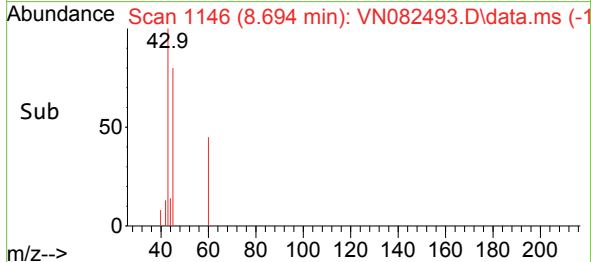
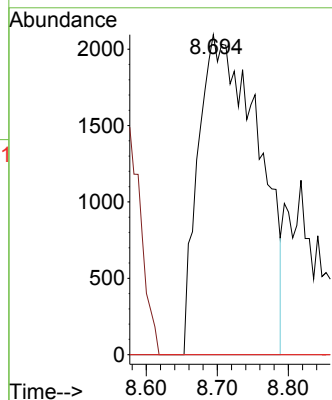
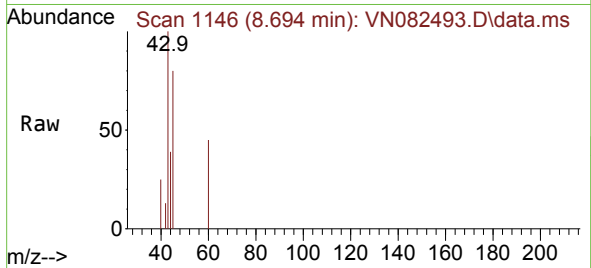




#43
Isopropyl Acetate
Concen: 2.059 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

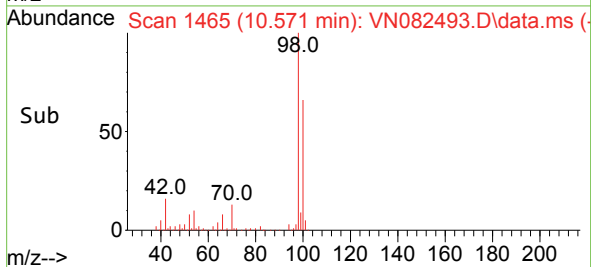
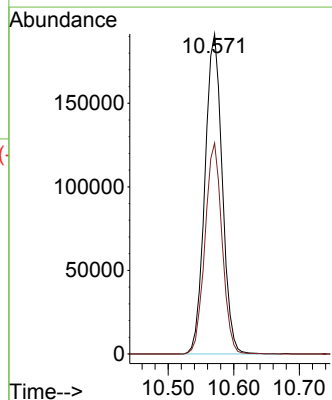
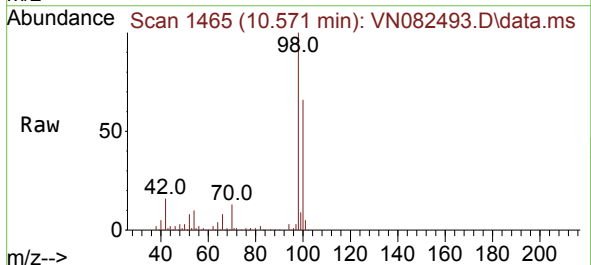
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-160-162

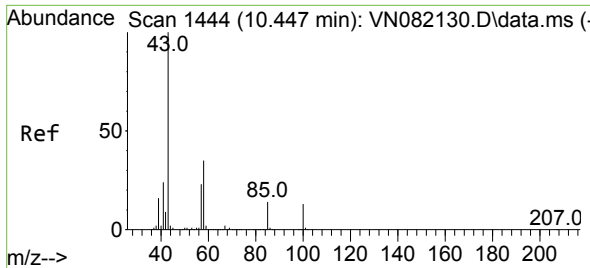
Tgt Ion: 43 Resp: 12244
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.287 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Tgt Ion: 98 Resp: 351544
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

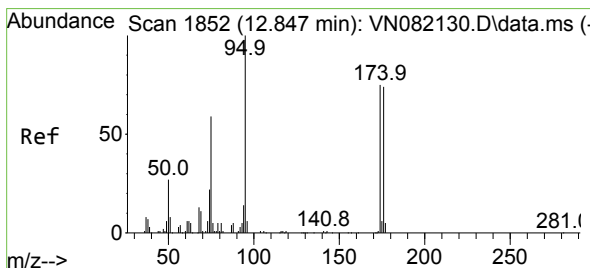
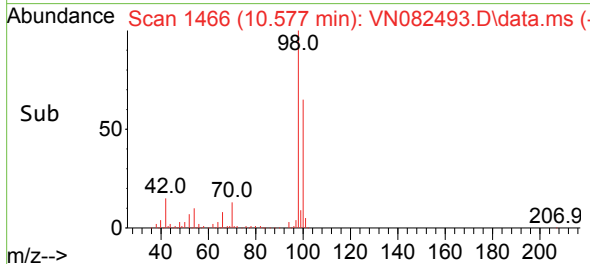
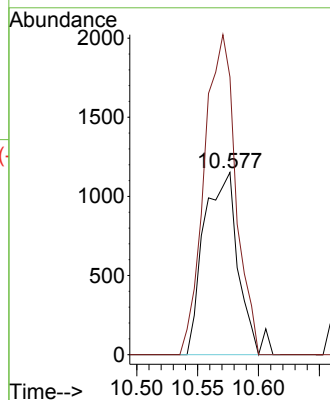
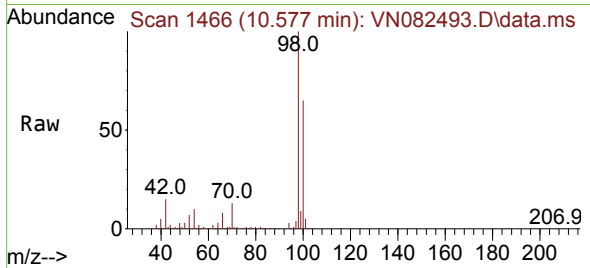




#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 10.577 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

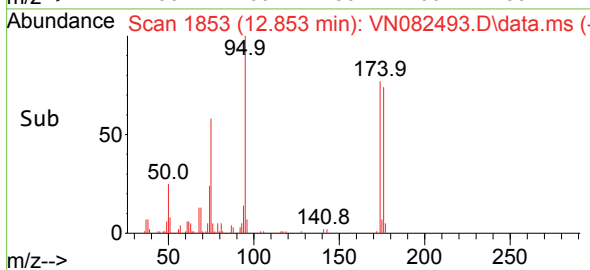
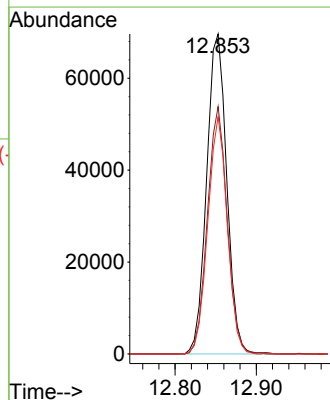
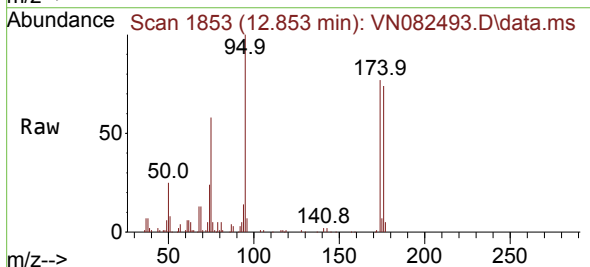
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-160-162

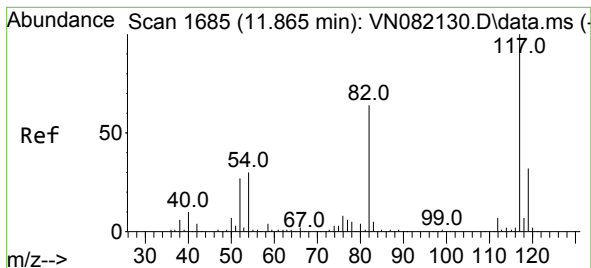
Tgt Ion: 43 Resp: 2263
Ion Ratio Lower Upper
43 100
58 161.0 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082493.D
Acq: 07 Jun 2024 15:24

Tgt Ion: 95 Resp: 119486
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 71.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082493.D

Acq: 07 Jun 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-160-162

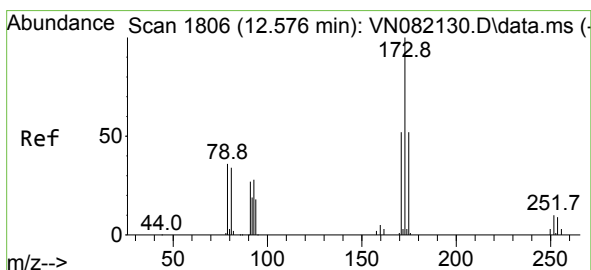
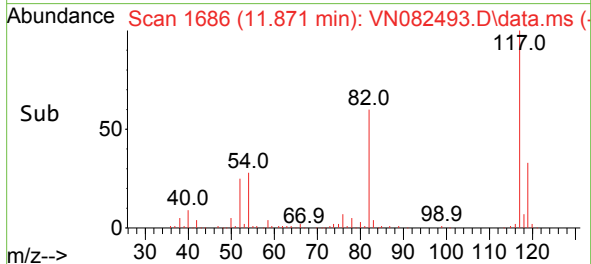
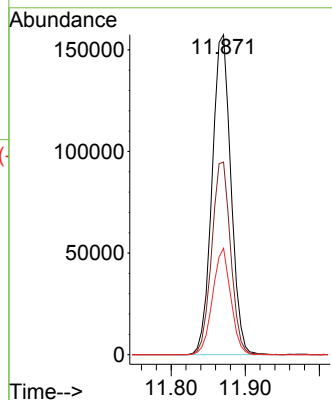
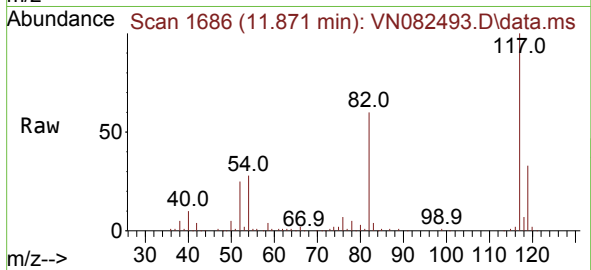
Tgt Ion:117 Resp: 278262

Ion Ratio Lower Upper

117 100

82 60.2 44.6 66.8

119 33.2 25.9 38.9



#71

Bromoform

Concen: 1.198 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN082493.D

Acq: 07 Jun 2024 15:24

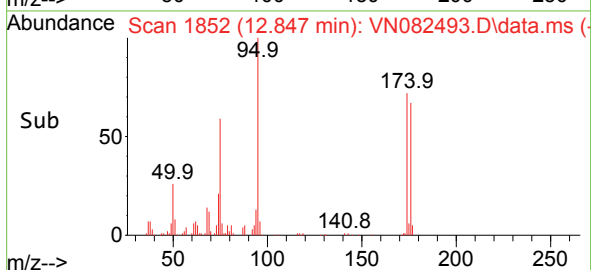
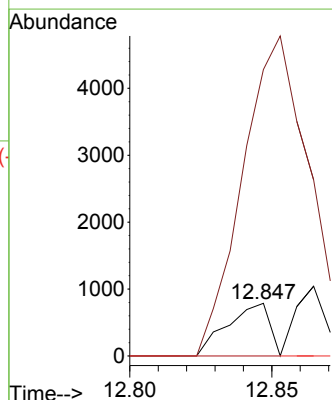
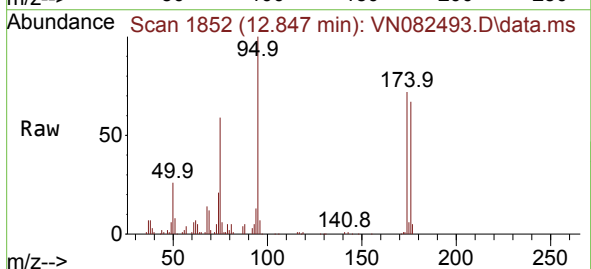
Tgt Ion:173 Resp: 812

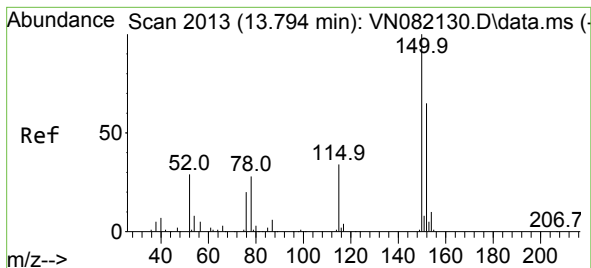
Ion Ratio Lower Upper

173 100

175 0.0 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# 20

Delta R.T. 0.000 min

Lab File: VN082493.D

Acq: 07 Jun 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-160-162

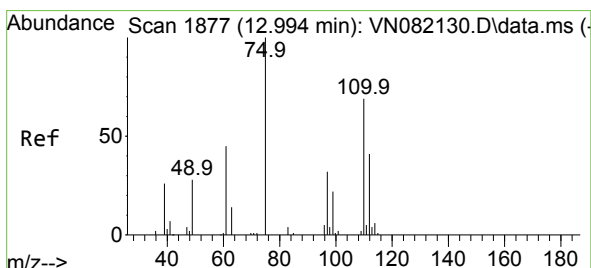
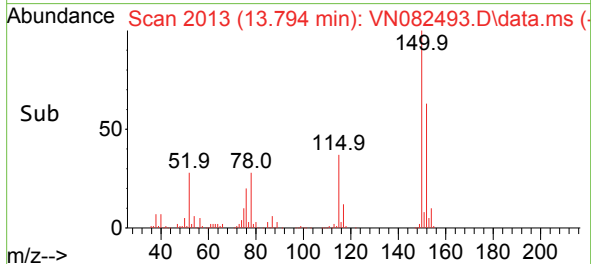
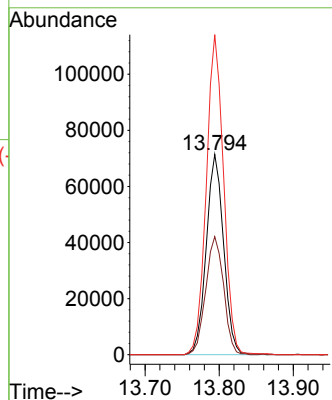
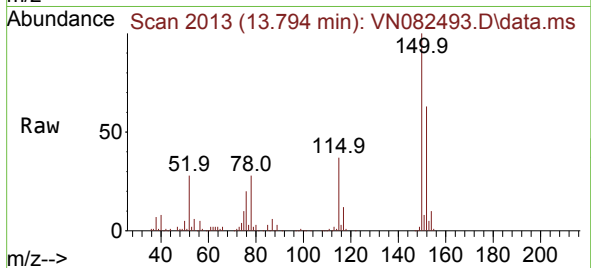
Tgt Ion:152 Resp: 116496

Ion Ratio Lower Upper

152 100

115 60.7 30.4 91.3

150 158.8 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 28.008 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082493.D

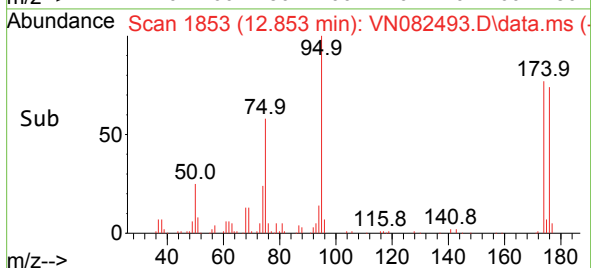
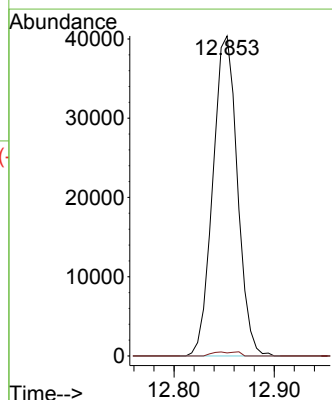
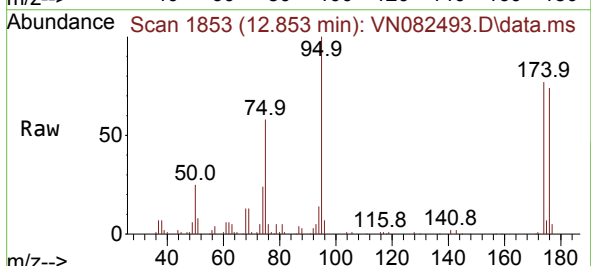
Acq: 07 Jun 2024 15:24

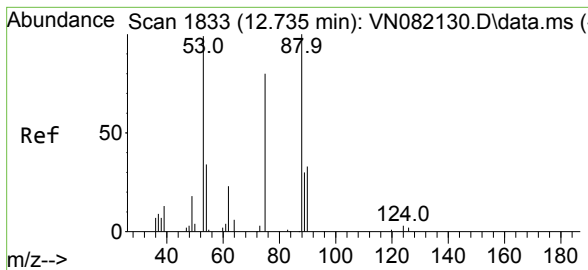
Tgt Ion: 75 Resp: 68675

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.510 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082493.D
 Acq: 07 Jun 2024 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-160-162

Tgt Ion: 75 Resp: 68675
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

