

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082826.D
 Acq On : 08 Jul 2024 16:59
 Operator : JC\MD
 Sample : P3167-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240627

Quant Time: Jul 08 17:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

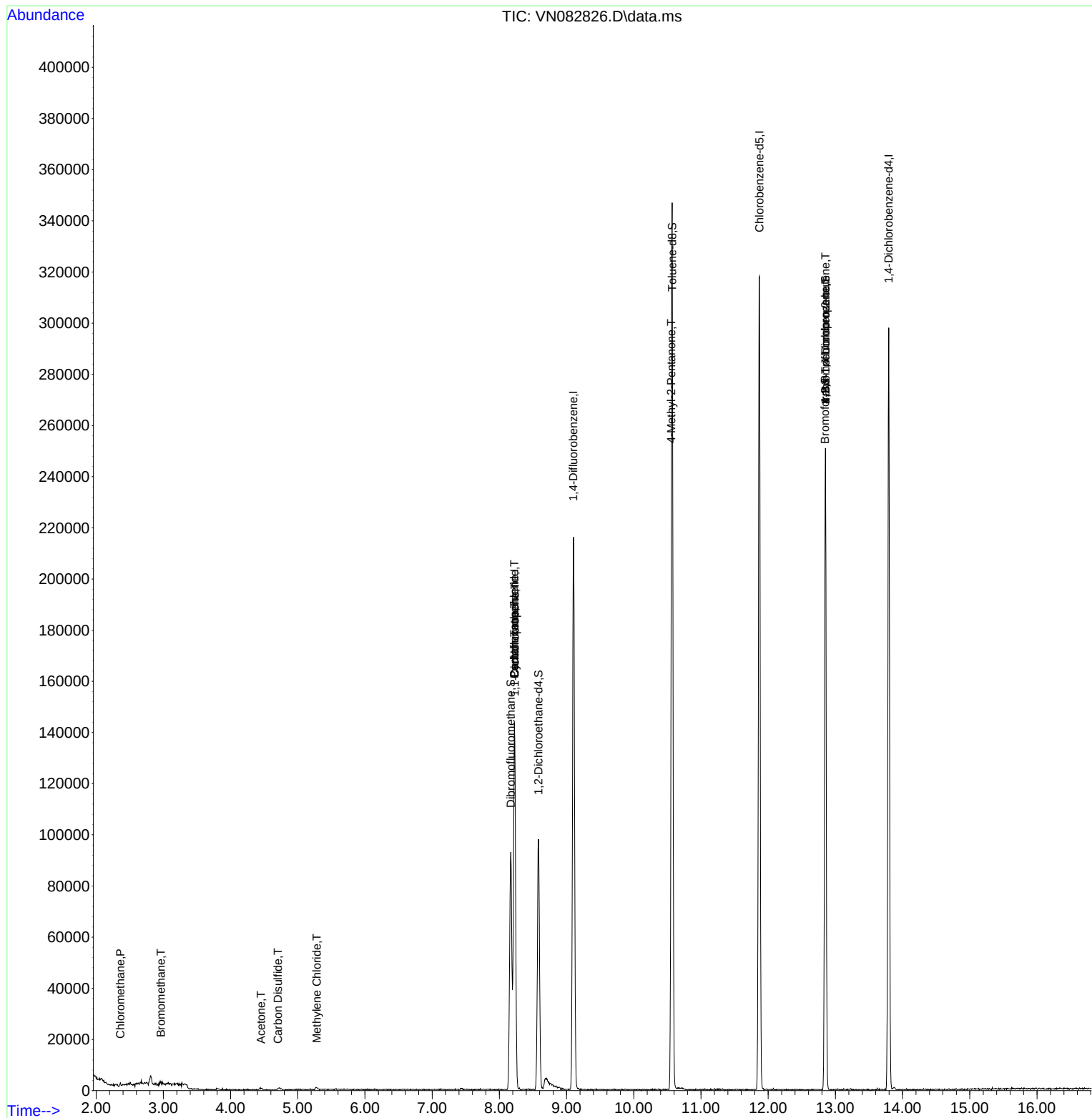
Internal Standards						
1) Pentafluorobenzene	8.224	168	99850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	188176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	179542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	80731	57.678	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.360%			
35) Dibromofluoromethane	8.171	113	65997	54.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.320%			
50) Toluene-d8	10.571	98	233639	52.388	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.853	95	82834	51.707	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.420%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	490	0.400	ug/l #	86
5) Bromomethane	2.965	94	518	0.558	ug/l #	57
16) Acetone	4.453	43	1482	3.007	ug/l #	48
17) Carbon Disulfide	4.706	76	722	0.237	ug/l #	75
20) Methylene Chloride	5.283	84	489	0.411	ug/l #	86
31) Cyclohexane	8.224	56	2545	1.391	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	8926	5.362	ug/l #	52
38) Carbon Tetrachloride	8.224	117	10968	5.472	ug/l #	17
43) Isopropyl Acetate	8.700	43	6119	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	1124	0.669	ug/l #	1
71) Bromoform	12.847	173	759	0.705	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	47693	35.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	47693	70.453	ug/l #	6

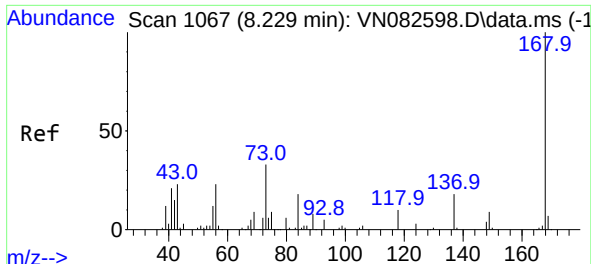
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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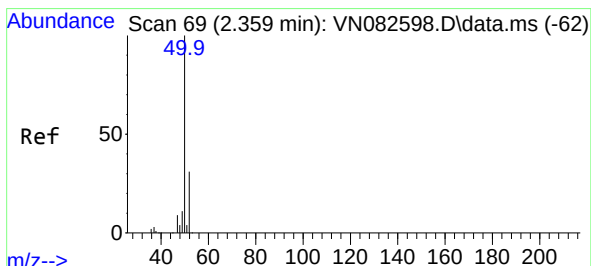
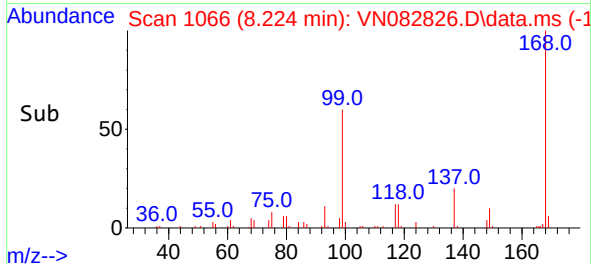
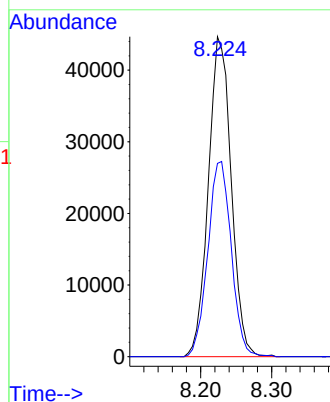
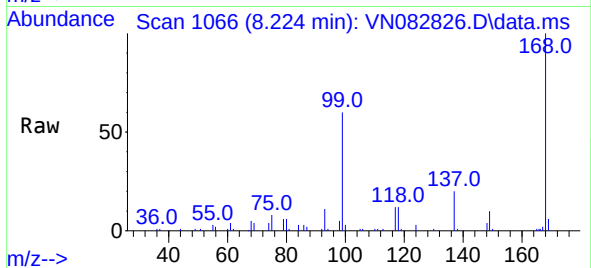




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

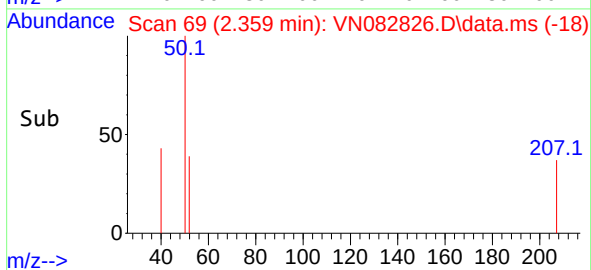
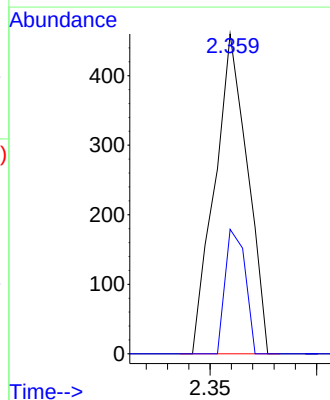
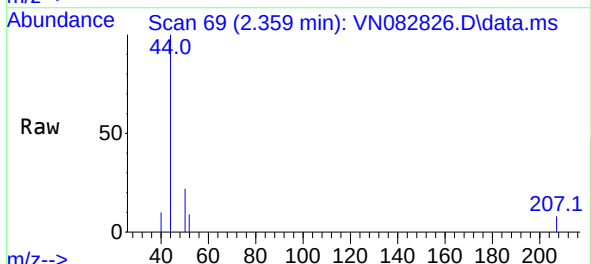
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

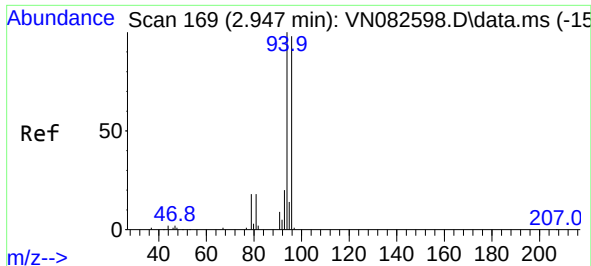
Tgt Ion:168 Resp: 99850
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#3
Chloromethane
Concen: 0.400 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Tgt Ion: 50 Resp: 490
Ion Ratio Lower Upper
50 100
52 38.9 25.0 37.4#

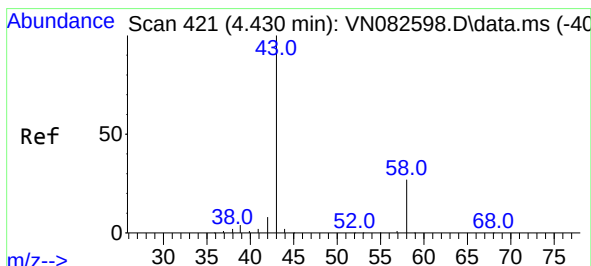
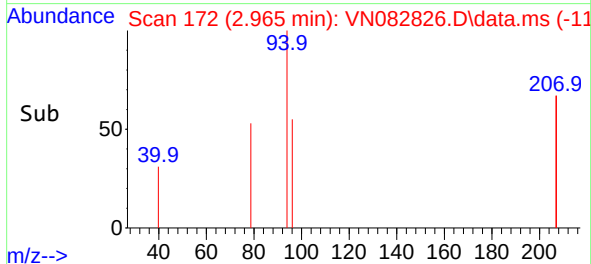
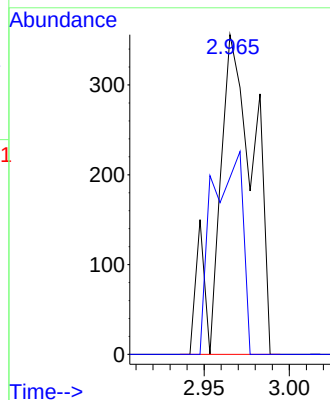
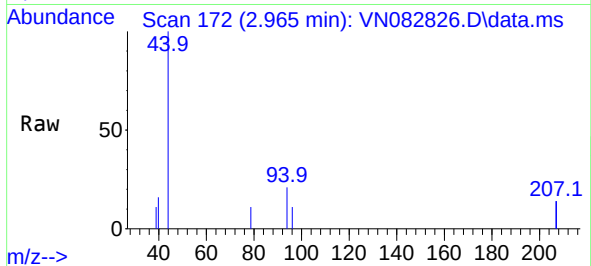




#5
Bromomethane
Concen: 0.558 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

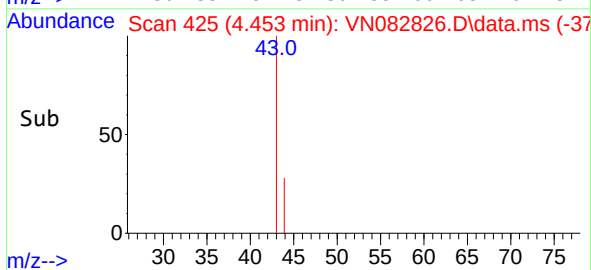
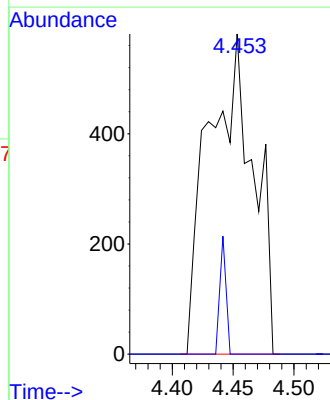
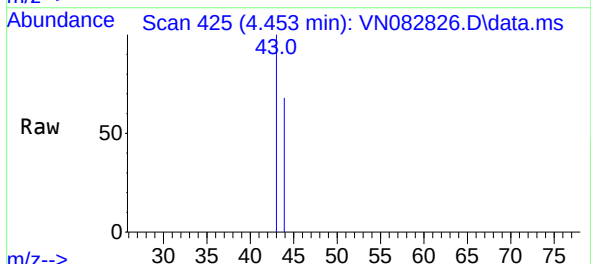
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

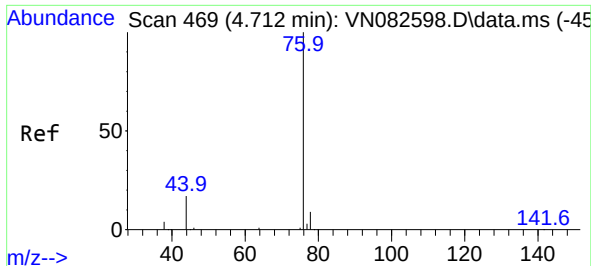
Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 55.3 78.0 117.0#



#16
Acetone
Concen: 3.007 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

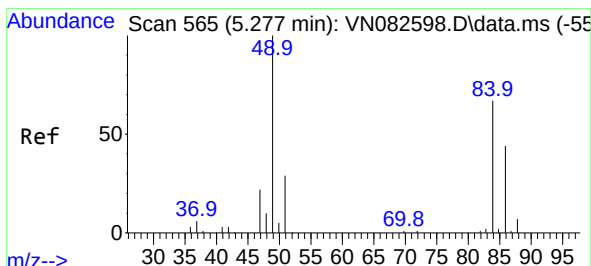
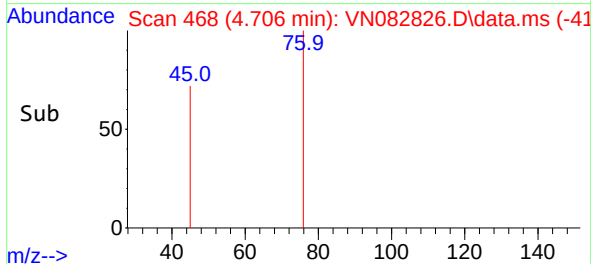
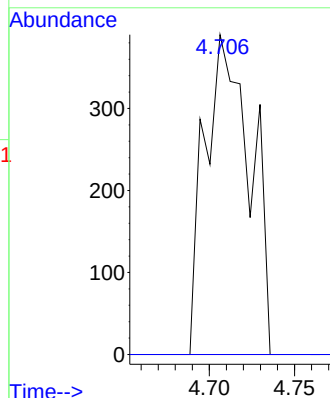
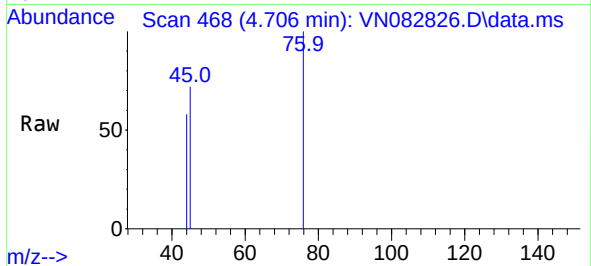




#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

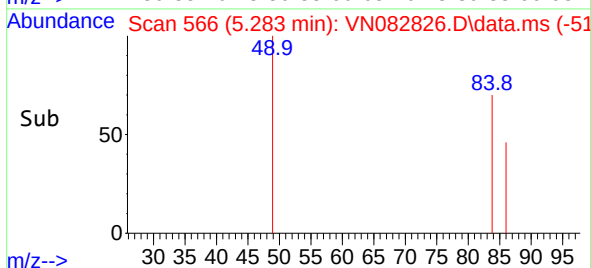
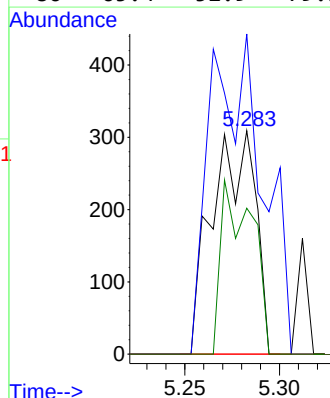
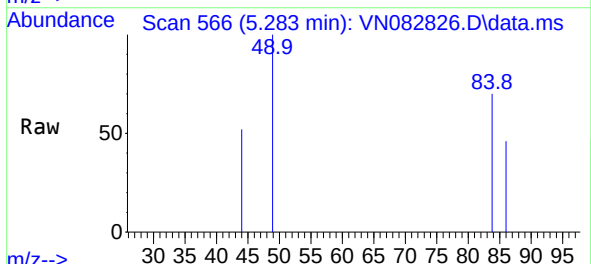
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

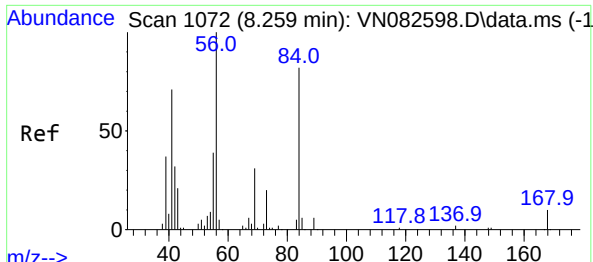
Tgt Ion: 76 Resp: 722
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

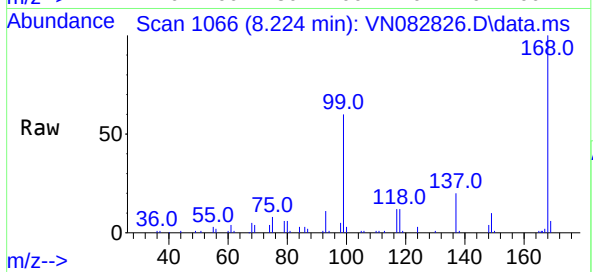
Tgt Ion: 84 Resp: 489
Ion Ratio Lower Upper
84 100
49 143.4 119.6 179.4
51 0.0 34.8 52.2#
86 65.4 52.9 79.3



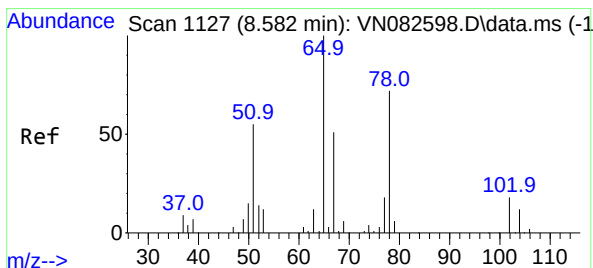
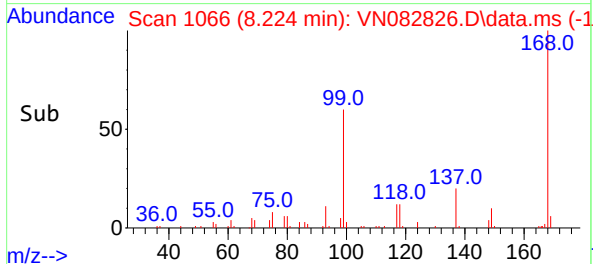
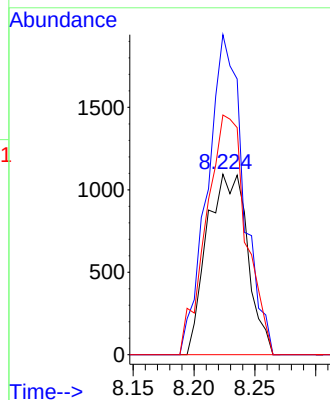


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

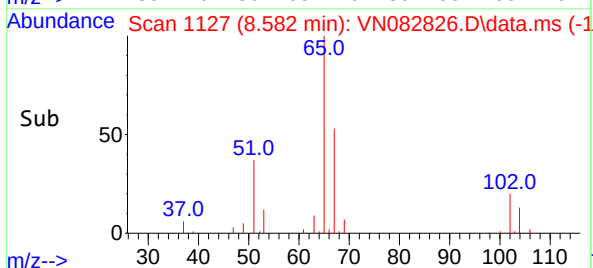
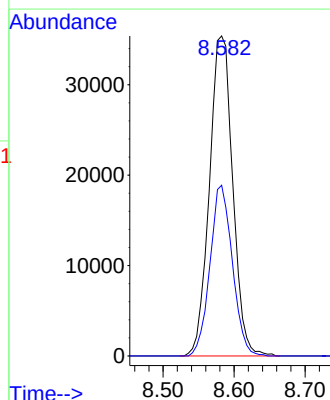
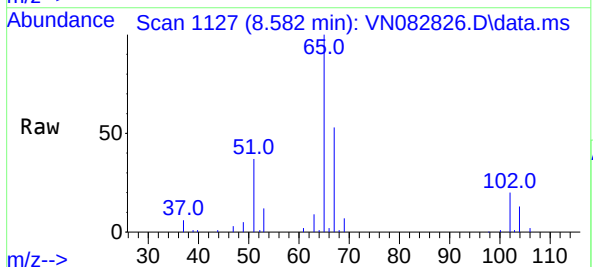


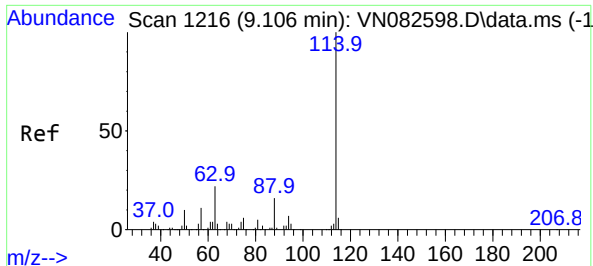
Tgt Ion: 56 Resp: 2545
Ion Ratio Lower Upper
56 100
69 177.3 24.5 36.7#
84 132.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.678 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Tgt Ion: 65 Resp: 80731
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082826.D

Acq: 08 Jul 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240627

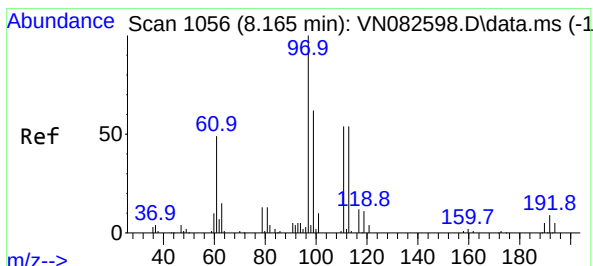
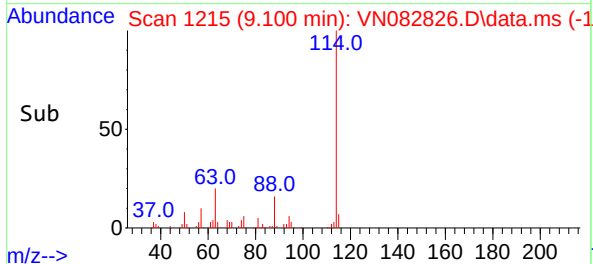
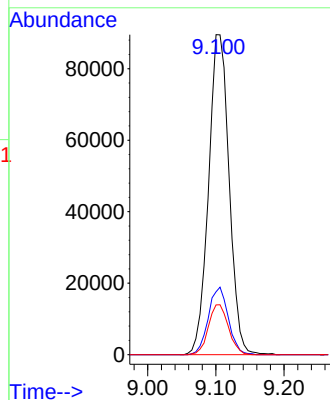
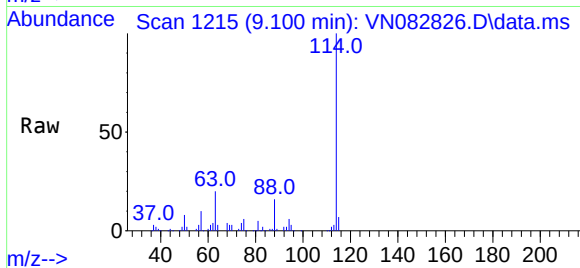
Tgt Ion:114 Resp: 188176

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.657 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082826.D

Acq: 08 Jul 2024 16:59

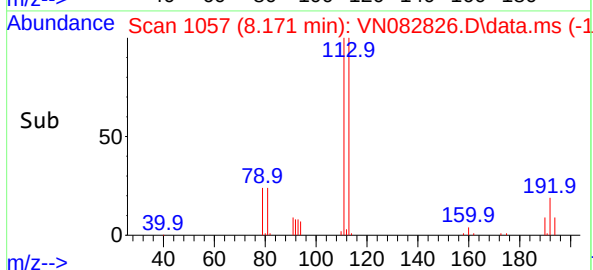
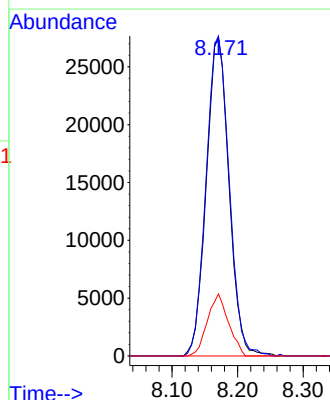
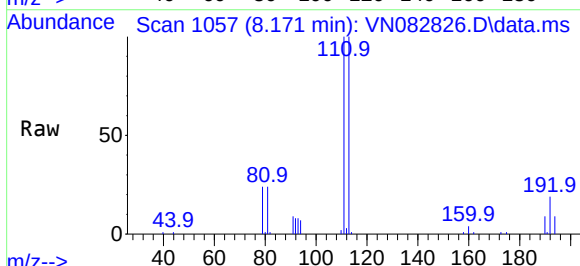
Tgt Ion:113 Resp: 65997

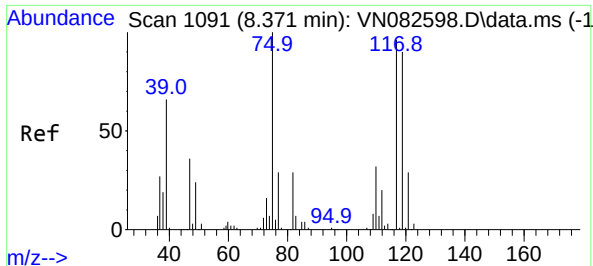
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 18.1 14.9 22.3

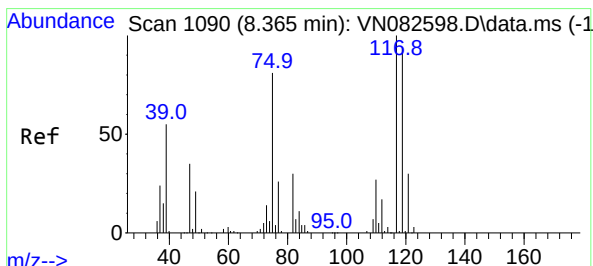
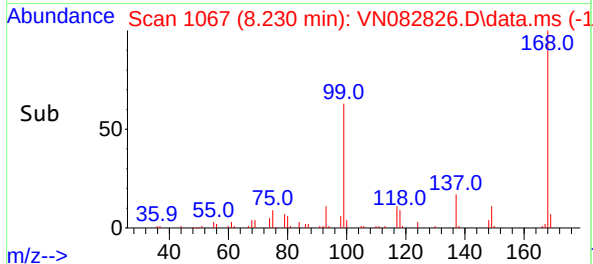
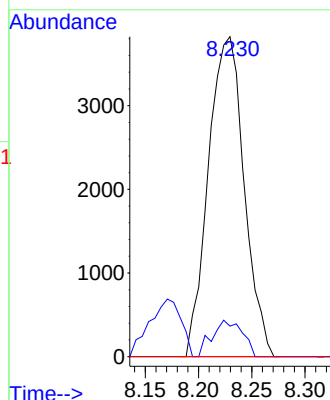
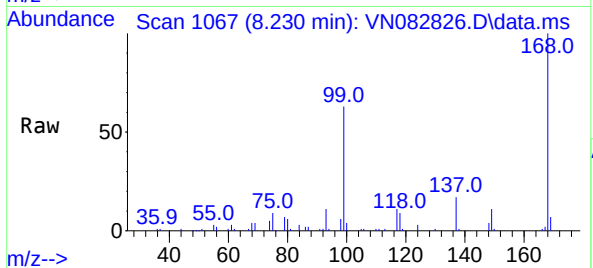




#36
1,1-Dichloropropene
Concen: 5.362 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

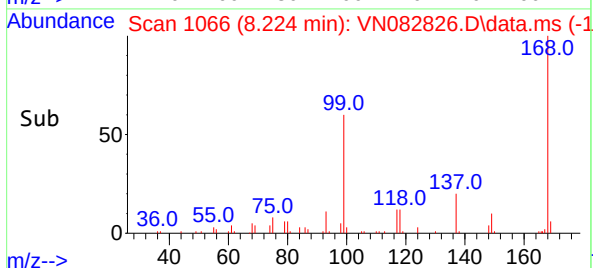
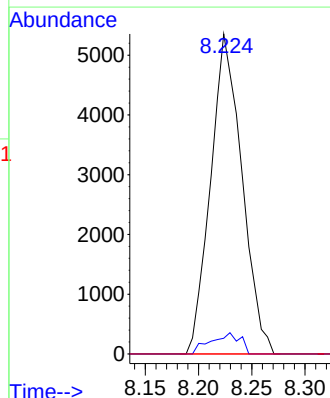
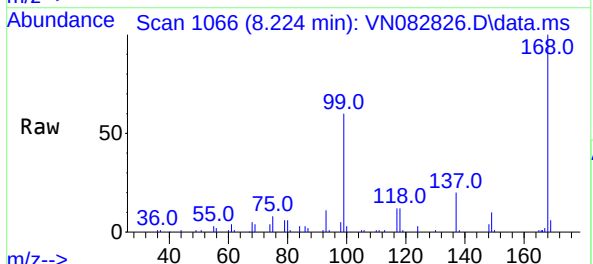
Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-TB-20240627

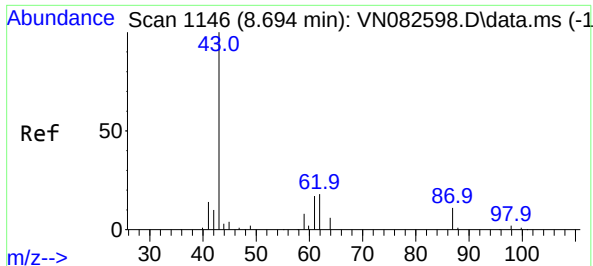
Tgt Ion: 75 Resp: 8926
Ion Ratio Lower Upper
75 100
110 9.6 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Tgt Ion: 117 Resp: 10968
Ion Ratio Lower Upper
117 100
119 4.9 74.9 112.3#
121 0.0 24.3 36.5#

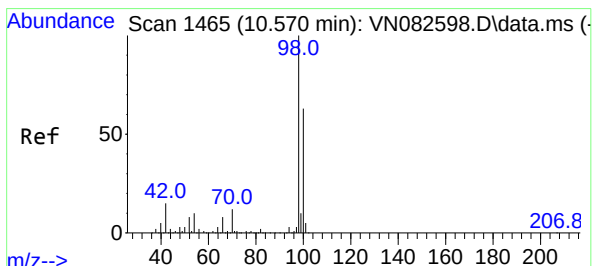
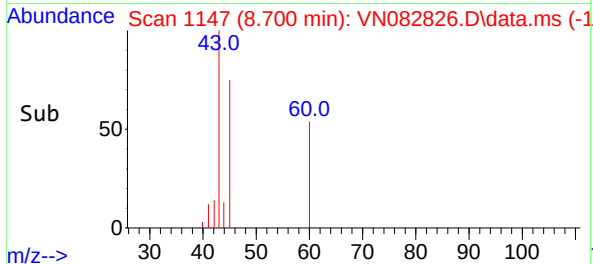
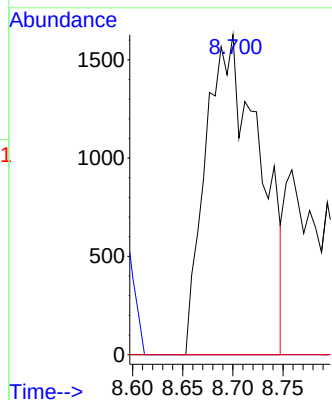
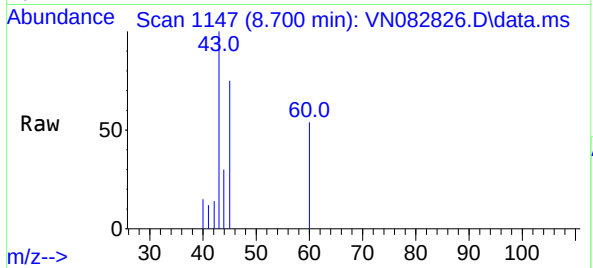




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

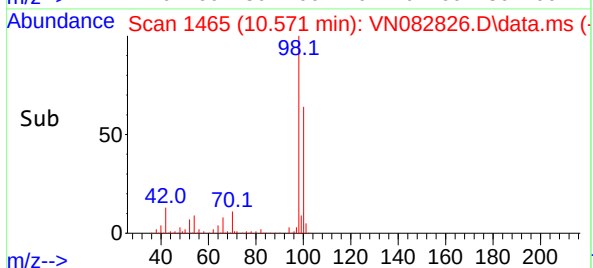
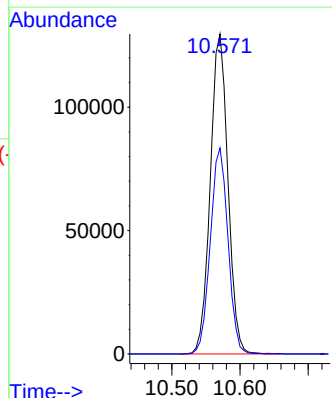
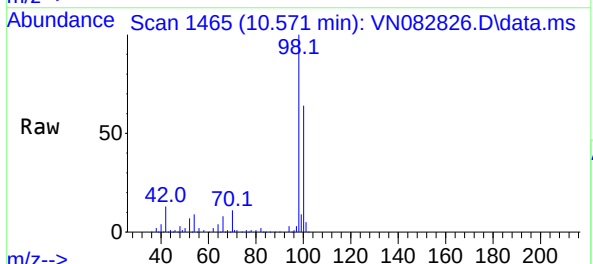
Instrument :
MSVOA_N
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BP-VPB-196-TB-20240627

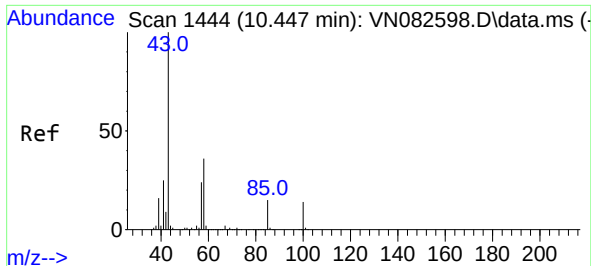
Tgt Ion: 43 Resp: 6119
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 52.388 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Tgt Ion: 98 Resp: 233639
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

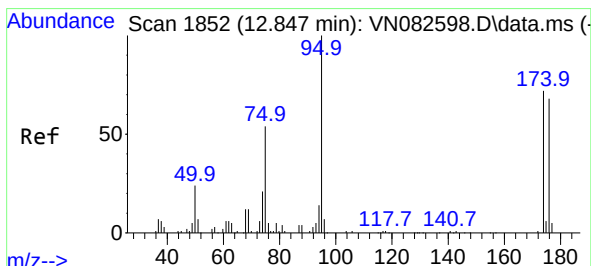
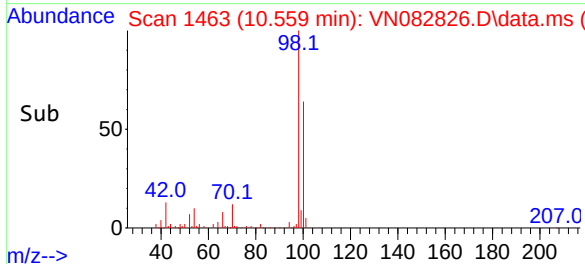
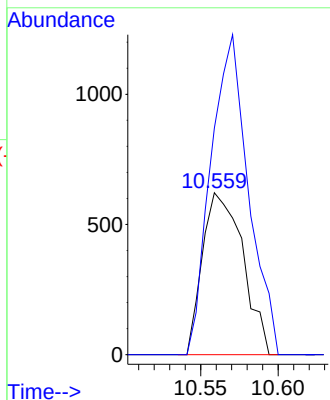
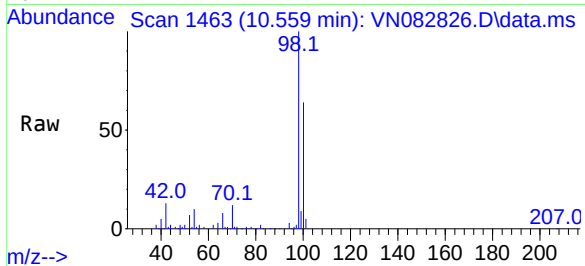




#51
4-Methyl-2-Pentanone
Concen: 0.669 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

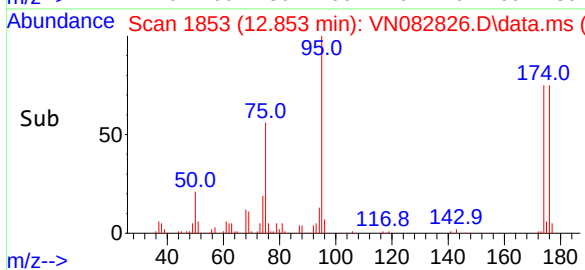
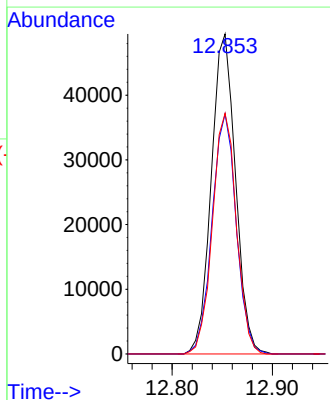
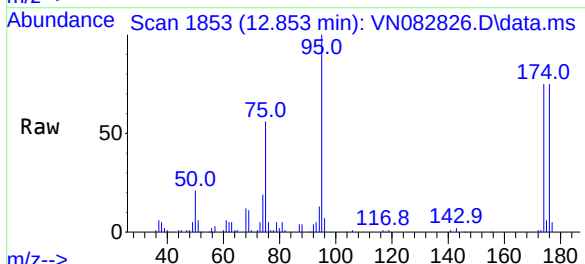
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

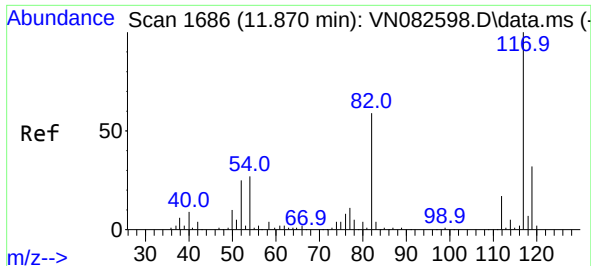
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 184.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 51.707 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

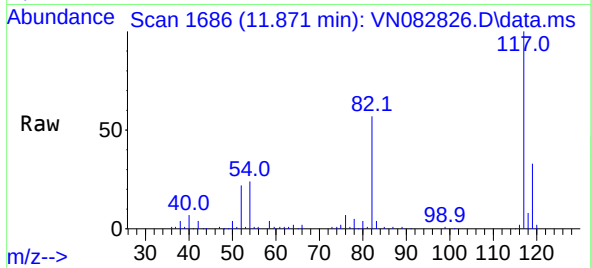
Tgt Ion: 95 Resp: 82834
Ion Ratio Lower Upper
95 100
174 75.0 0.0 159.2
176 74.3 0.0 147.6



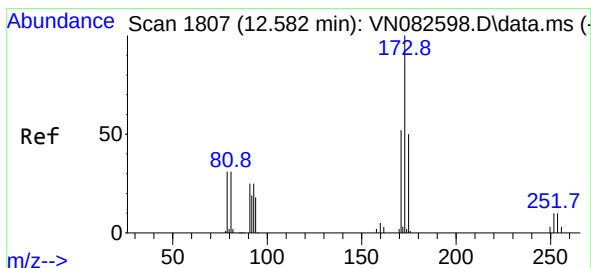
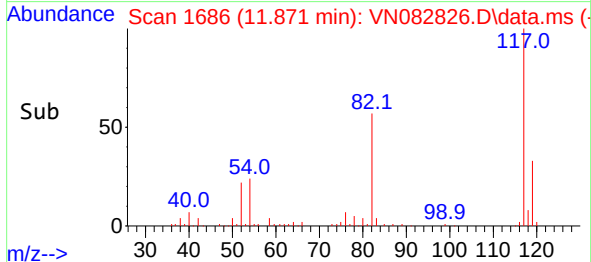
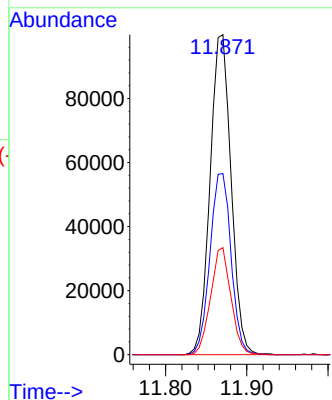


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

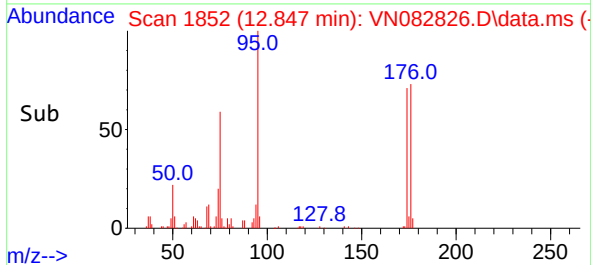
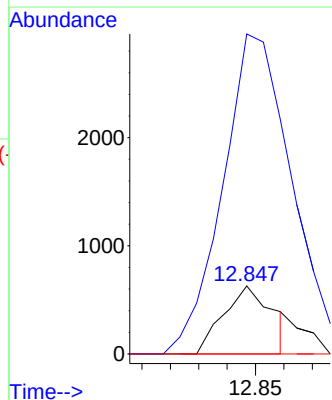
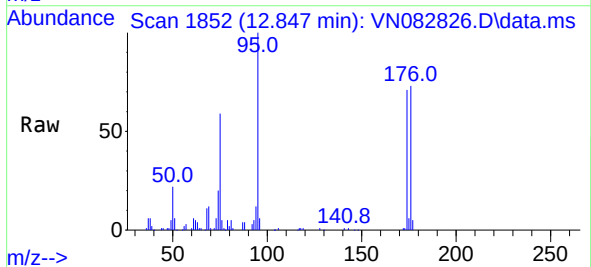


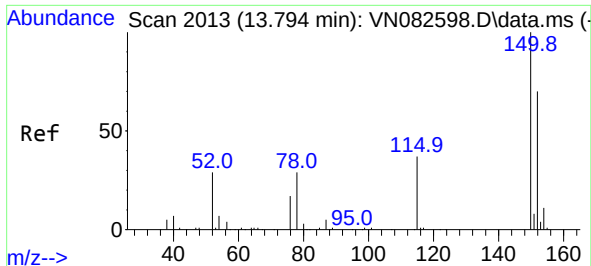
Tgt Ion:117 Resp: 179542
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 33.4 25.6 38.4



#71
Bromoform
Concen: 0.705 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Tgt Ion:173 Resp: 759
Ion Ratio Lower Upper
173 100
175 541.6 24.0 72.0#
254 0.0 0.0 0.0

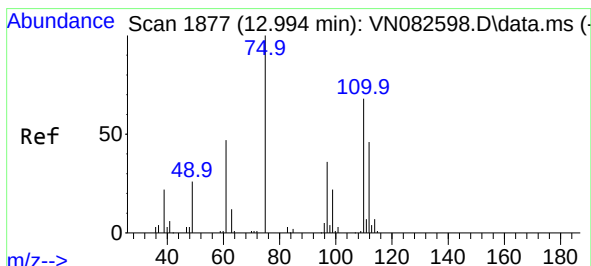
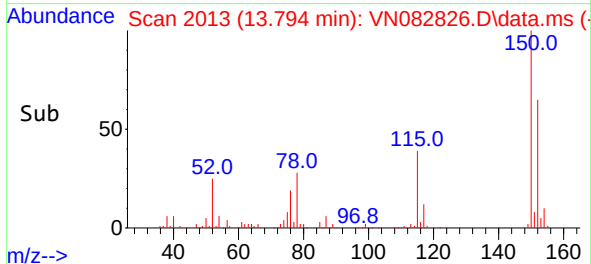
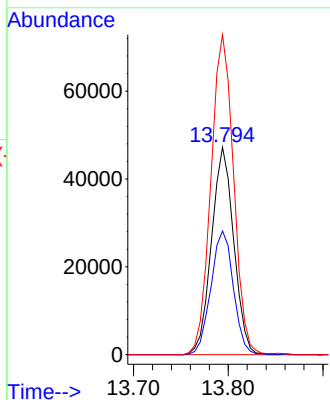
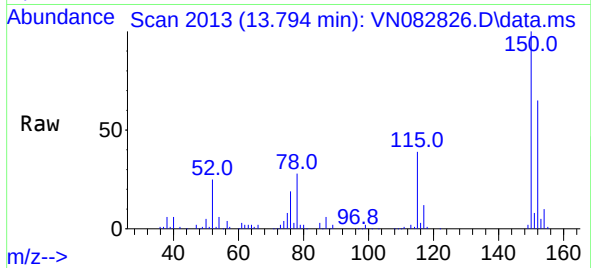




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

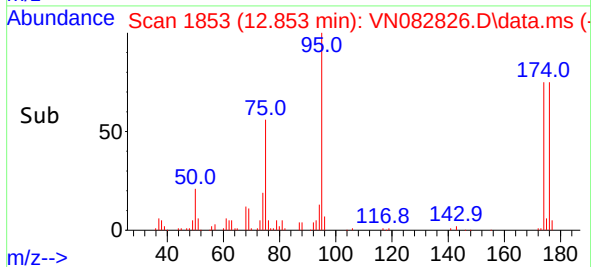
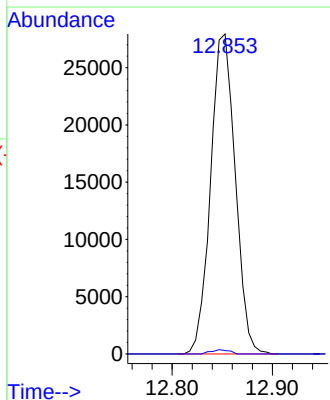
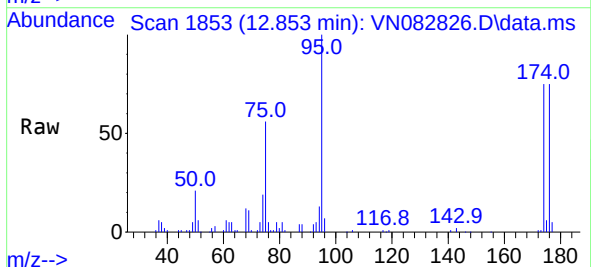
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627

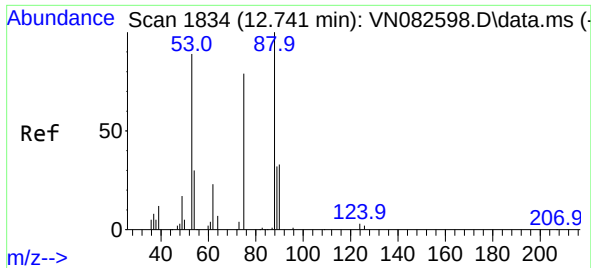
Tgt Ion:152 Resp: 77222
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 35.823 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

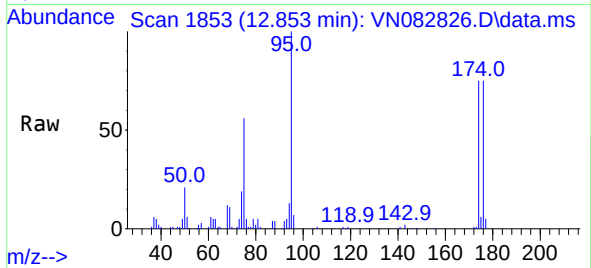
Tgt Ion: 75 Resp: 47693
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.453 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN082826.D
Acq: 08 Jul 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240627



Tgt Ion: 75 Resp: 47693
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

