

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080795.D
 Acq On : 29 Jan 2024 16:54
 Operator : JC\MD
 Sample : P1261-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-191-TB-20240123

Quant Time: Jan 29 17:25:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

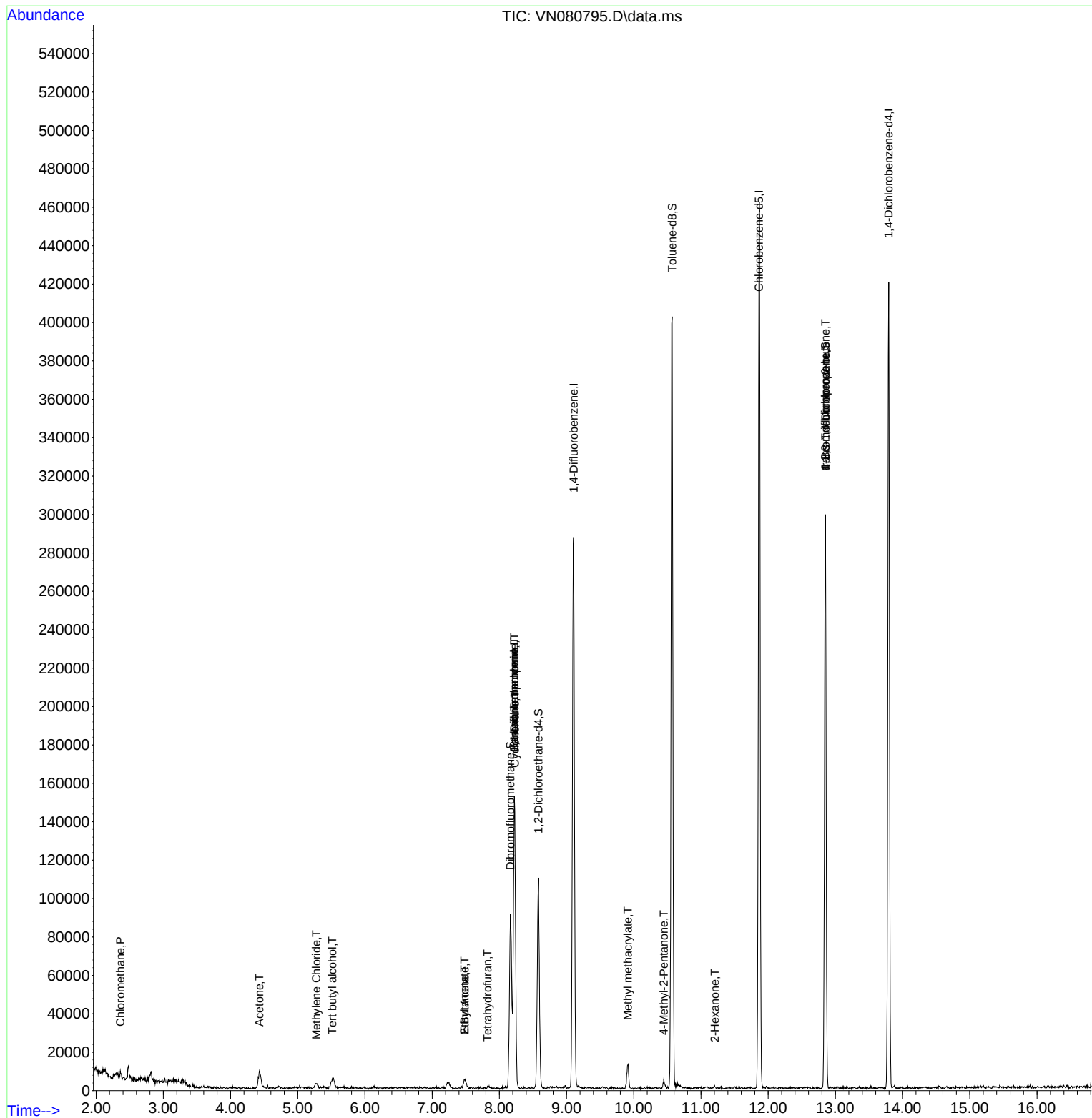
Internal Standards						
1) Pentafluorobenzene	8.224	168	96253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	225228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	78843	47.349	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.700%		
35) Dibromofluoromethane	8.165	113	63598	46.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.300%		
50) Toluene-d8	10.570	98	269027	49.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.853	95	101287	53.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.780%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	2656	1.236	ug/l #	62
11) Tert butyl alcohol	5.512	59	4109	15.138	ug/l #	78
16) Acetone	4.430	43	16765	27.761	ug/l	94
20) Methylene Chloride	5.277	84	1242	0.783	ug/l #	69
25) 2-Butanone	7.482	43	8841	7.707	ug/l	94
29) Tetrahydrofuran	7.824	42	183	0.236	ug/l #	38
31) Cyclohexane	8.229	56	3553	1.244	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	10741	4.194	ug/l #	48
37) Ethyl Acetate	7.482	43	8841	3.353	ug/l #	70
38) Carbon Tetrachloride	8.224	117	12316	5.968	ug/l #	19
48) Methyl methacrylate	9.912	41	5572	2.394	ug/l #	35
51) 4-Methyl-2-Pentanone	10.447	43	2958	1.102	ug/l	97
59) 2-Hexanone	11.206	43	1447	0.694	ug/l	63
76) 1,2,3-Trichloropropane	12.853	75	58647	20.405	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58647	52.567	ug/l #	14

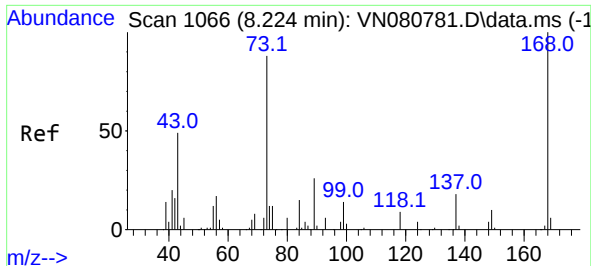
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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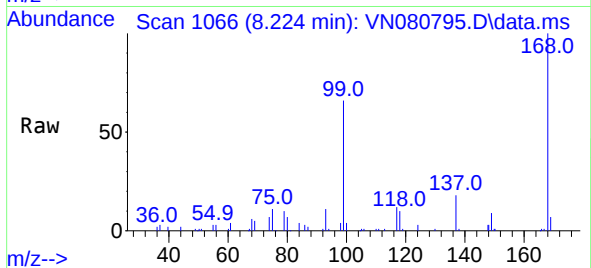
Quant Time: Jan 29 17:25:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration



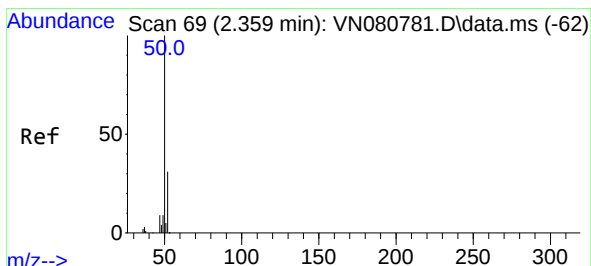
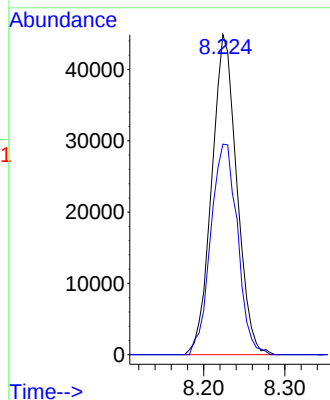
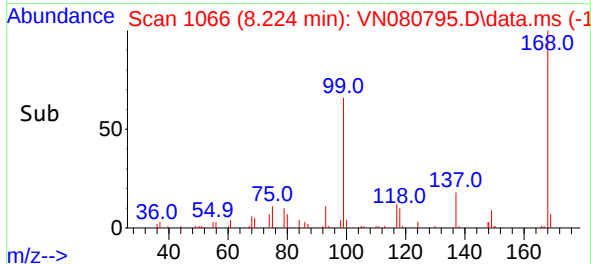


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

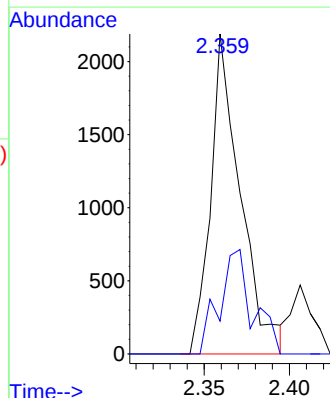
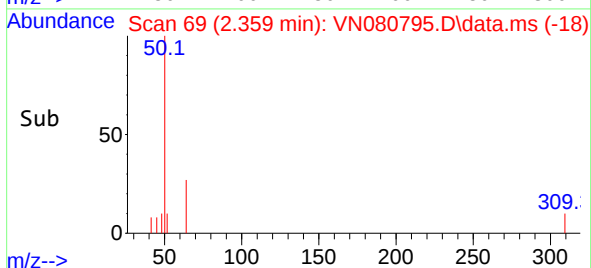
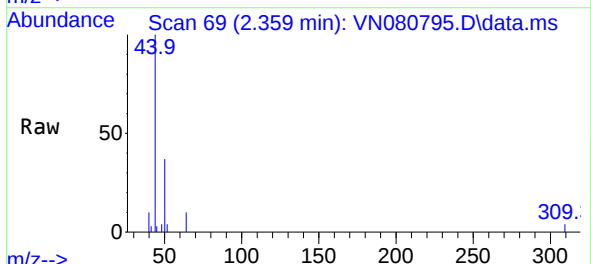


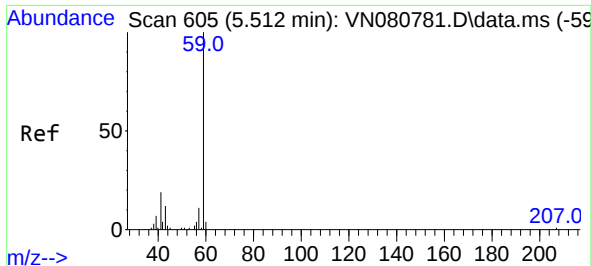
Tgt Ion:168 Resp: 96253
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#3
Chloromethane
Concen: 1.236 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

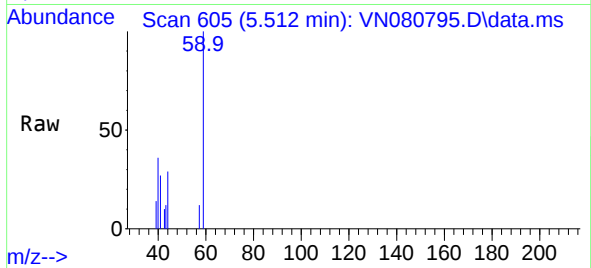
Tgt Ion: 50 Resp: 2656
Ion Ratio Lower Upper
50 100
52 10.2 25.0 37.4#



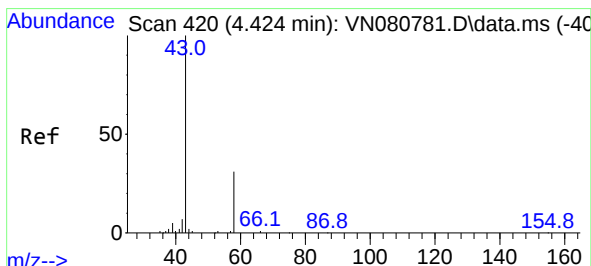
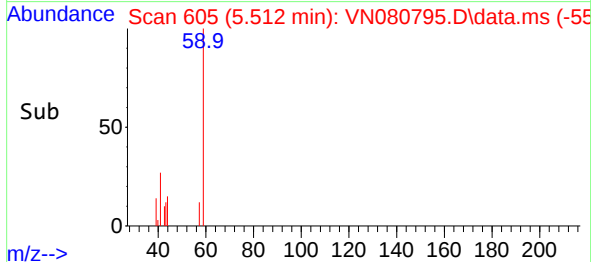
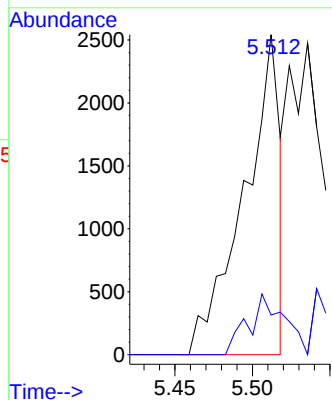


#11
Tert butyl alcohol
Concen: 15.138 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Instrument : MSVOA_N
ClientSampleId : BP-VPB-191-TB-20240123

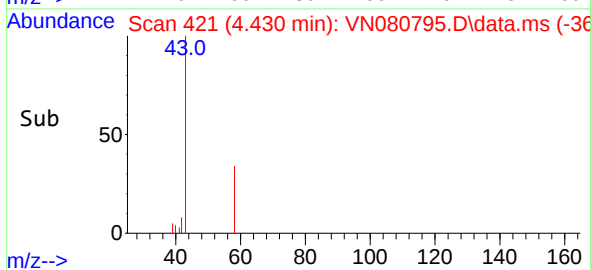
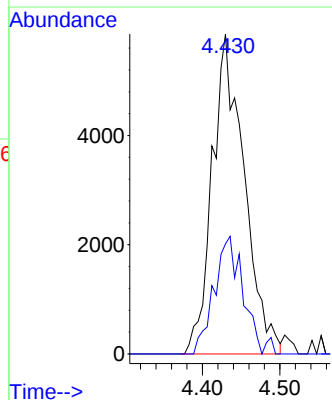
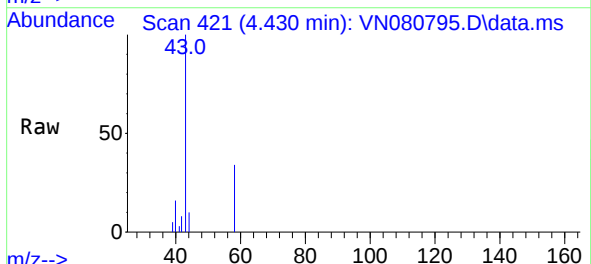


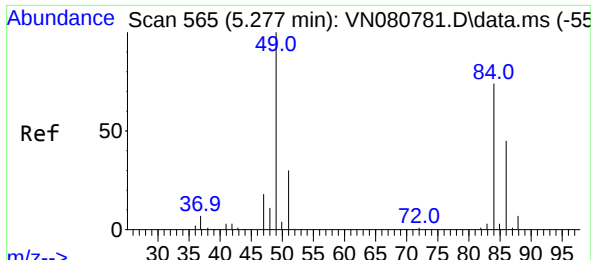
Tgt Ion: 59 Resp: 4109
Ion Ratio Lower Upper
59 100
57 18.9 8.6 12.8#



#16
Acetone
Concen: 27.761 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

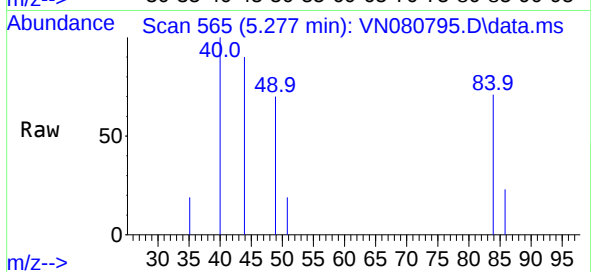
Tgt Ion: 43 Resp: 16765
Ion Ratio Lower Upper
43 100
58 34.4 24.8 37.2





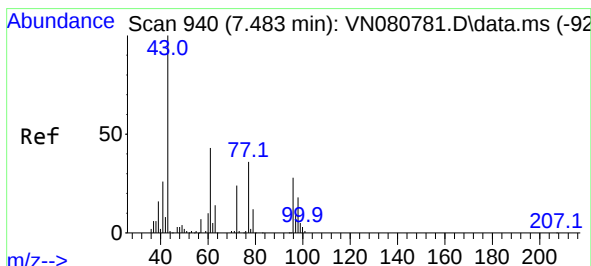
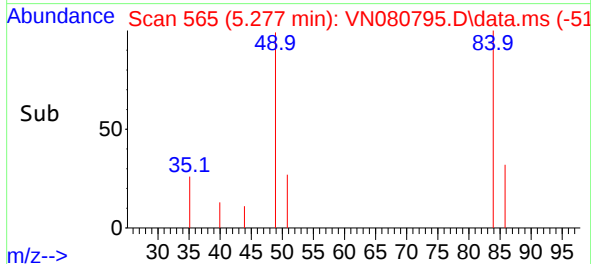
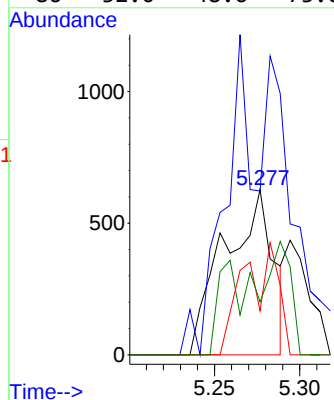
#20
Methylene Chloride
Concen: 0.783 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123



Tgt Ion: 84 Resp: 1242

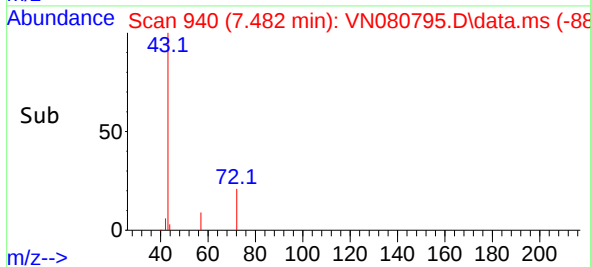
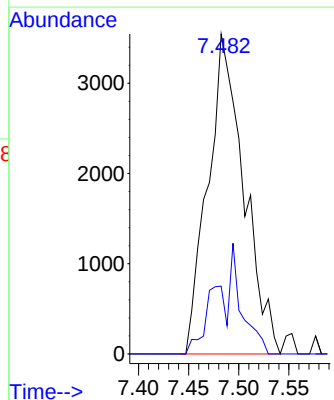
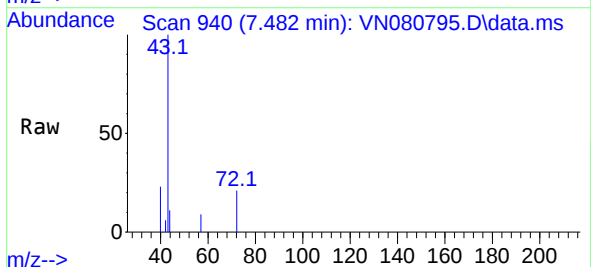
Ion	Ratio	Lower	Upper
84	100		
49	99.0	108.1	162.1#
51	26.6	32.9	49.3#
86	32.0	48.6	73.0#

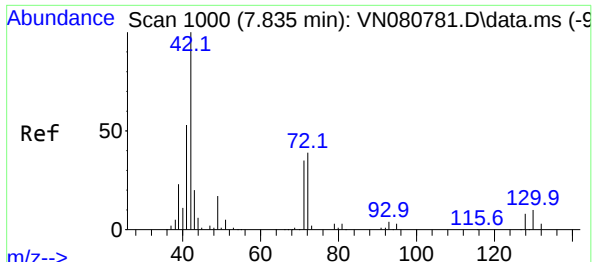


#25
2-Butanone
Concen: 7.707 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Tgt Ion: 43 Resp: 8841

Ion	Ratio	Lower	Upper
43	100		
72	21.2	19.5	29.3



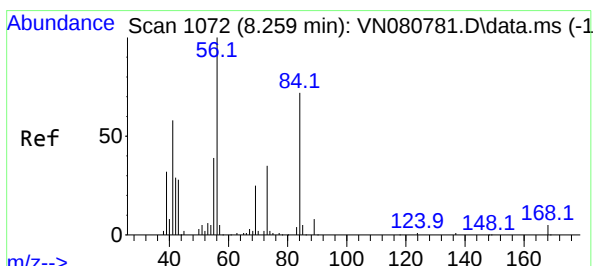
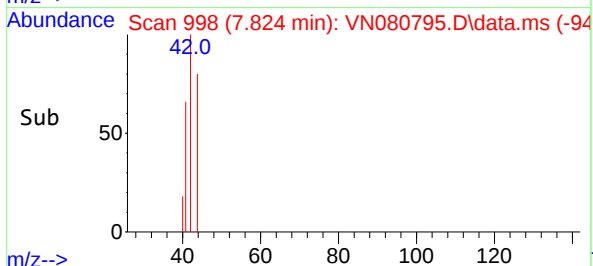
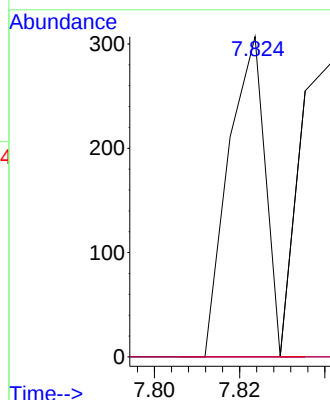
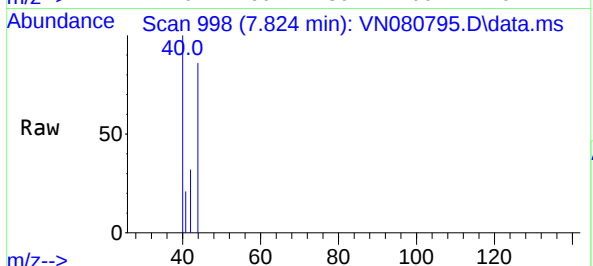


#29
Tetrahydrofuran
Concen: 0.236 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

Tgt Ion: 42 Resp: 183

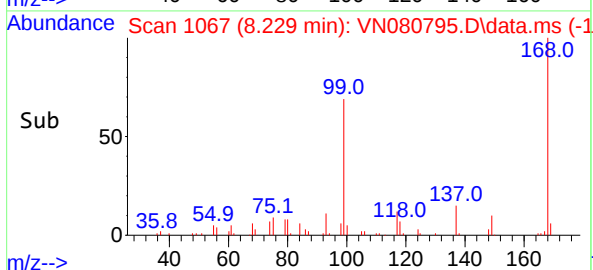
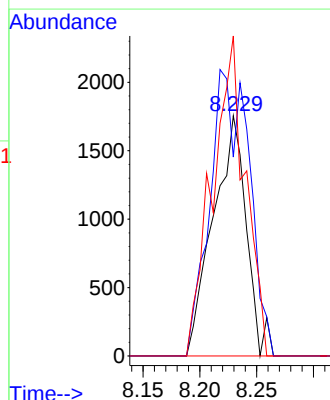
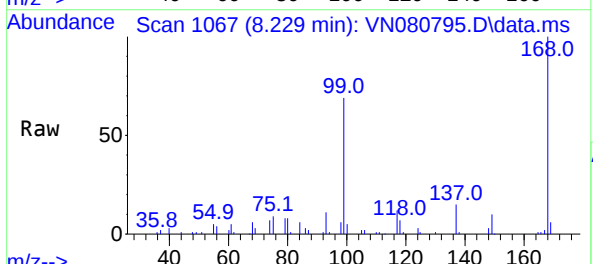
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#

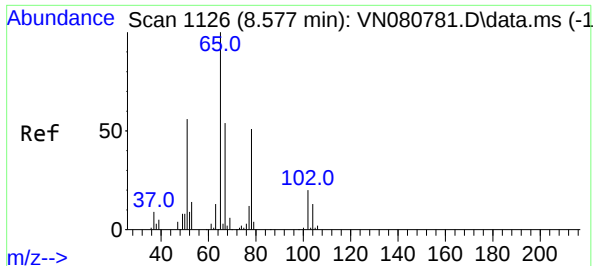


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Tgt Ion: 56 Resp: 3553

Ion	Ratio	Lower	Upper
56	100		
69	82.8	20.1	30.1#
84	133.2	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 47.349 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080795.D

Acq: 29 Jan 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

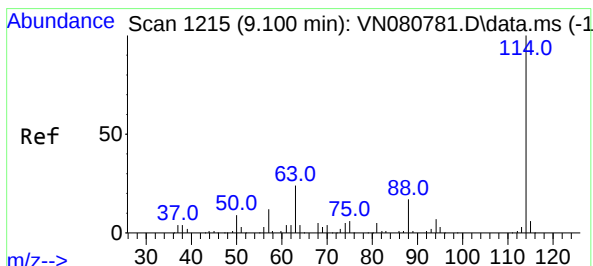
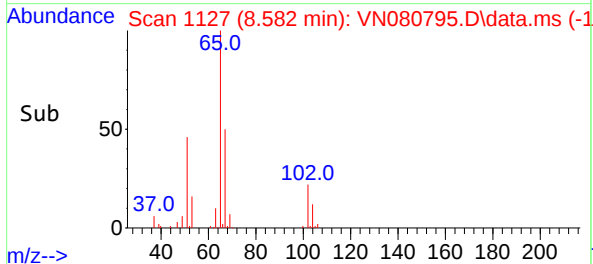
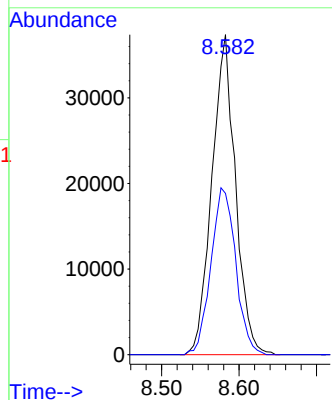
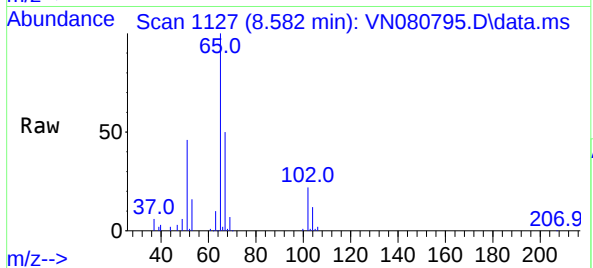
BP-VPB-191-TB-20240123

Tgt Ion: 65 Resp: 78843

Ion Ratio Lower Upper

65 100

67 55.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080795.D

Acq: 29 Jan 2024 16:54

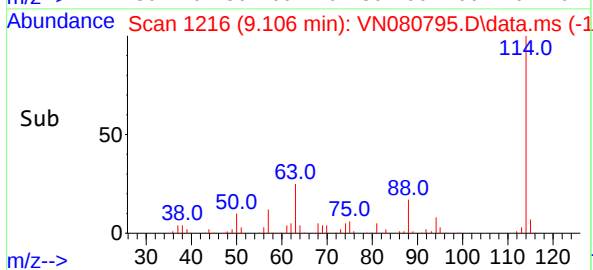
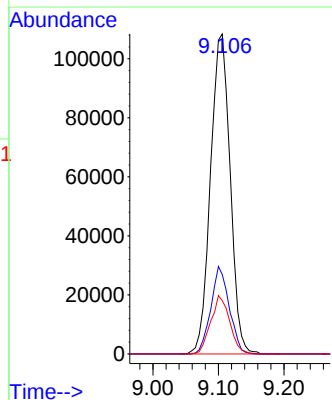
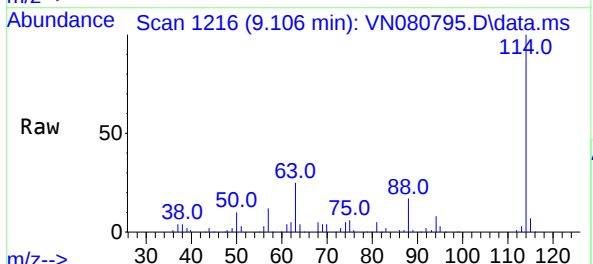
Tgt Ion: 114 Resp: 225228

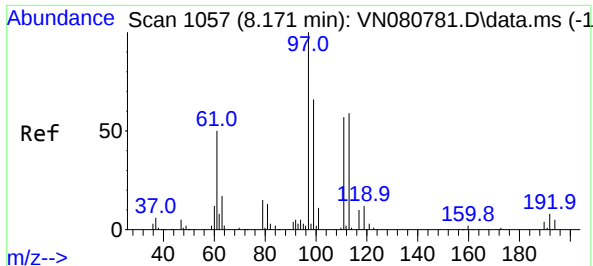
Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.0

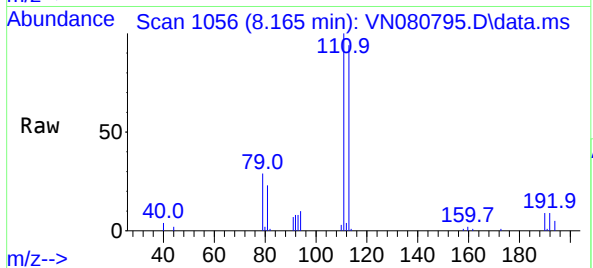
88 16.7 0.0 34.8



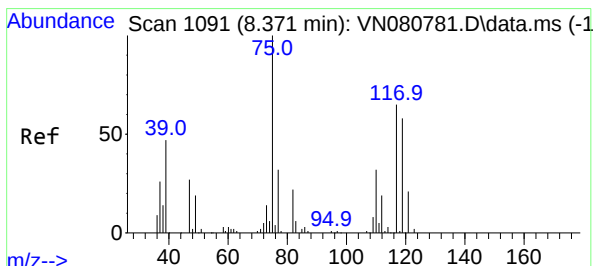
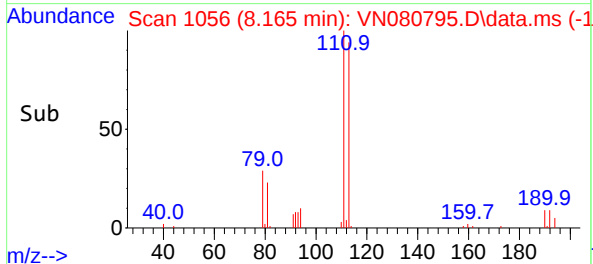
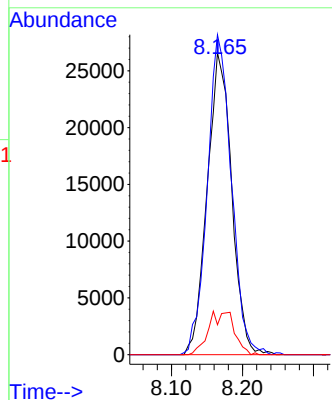


#35
Dibromofluoromethane
Concen: 46.154 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

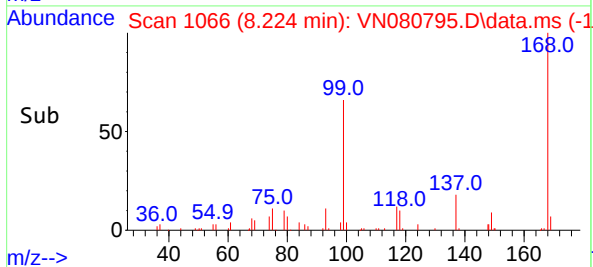
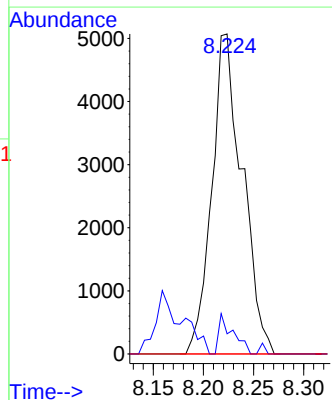
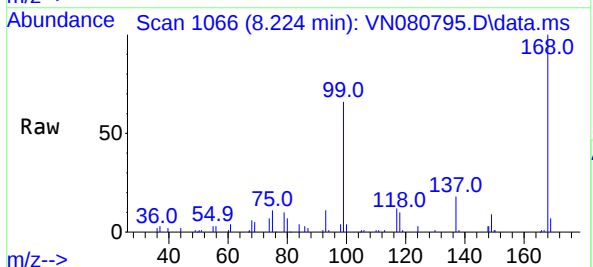


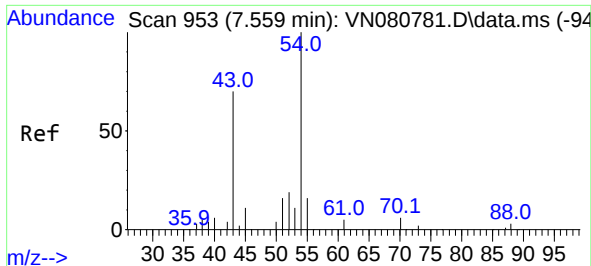
Tgt Ion:113 Resp: 63598
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 15.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.194 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Tgt Ion: 75 Resp: 10741
Ion Ratio Lower Upper
75 100
110 5.8 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 3.353 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.077 min

Lab File: VN080795.D

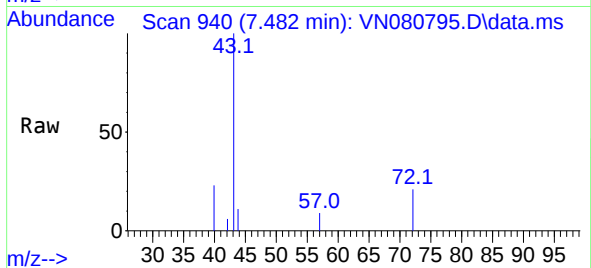
Acq: 29 Jan 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-191-TB-20240123



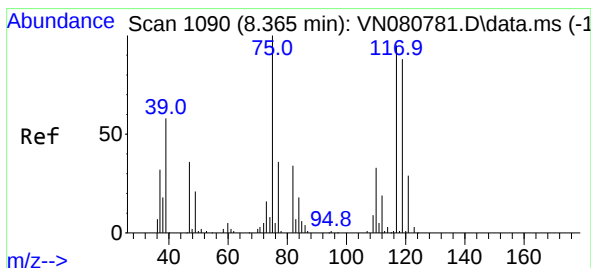
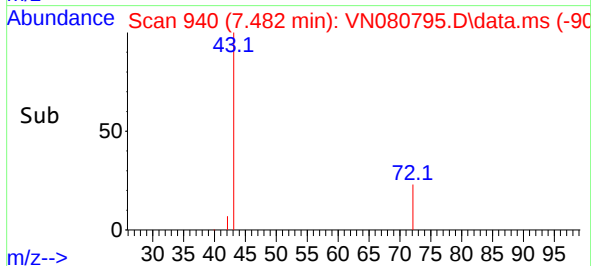
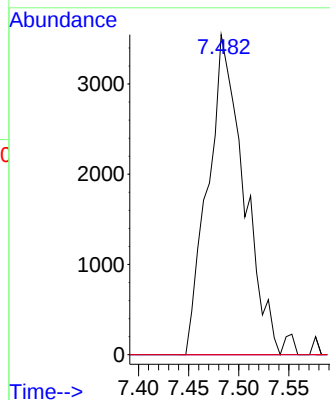
Tgt Ion: 43 Resp: 8841

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.968 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080795.D

Acq: 29 Jan 2024 16:54

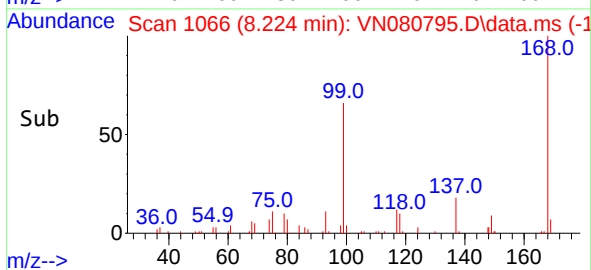
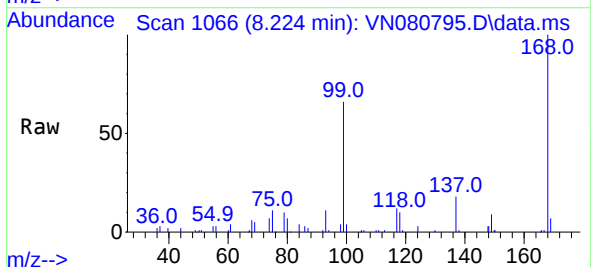
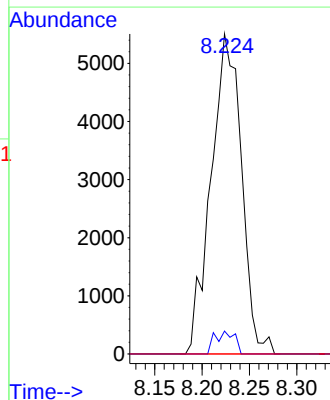
Tgt Ion: 117 Resp: 12316

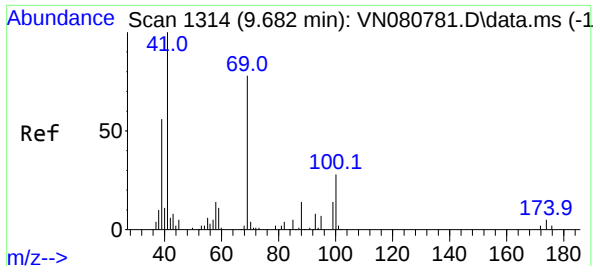
Ion Ratio Lower Upper

117 100

119 7.1 73.4 110.2#

121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 2.394 ug/l

RT: 9.912 min Scan# 11

Delta R.T. 0.229 min

Lab File: VN080795.D

Acq: 29 Jan 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-191-TB-20240123

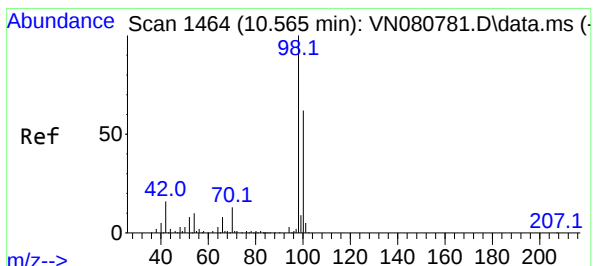
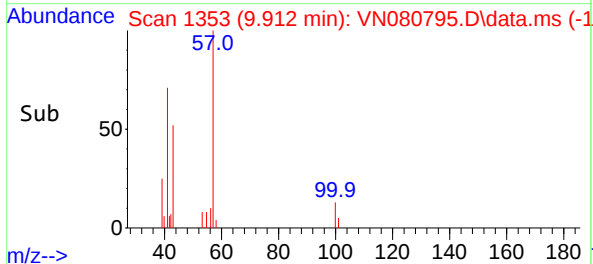
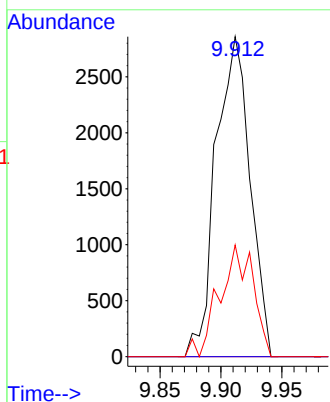
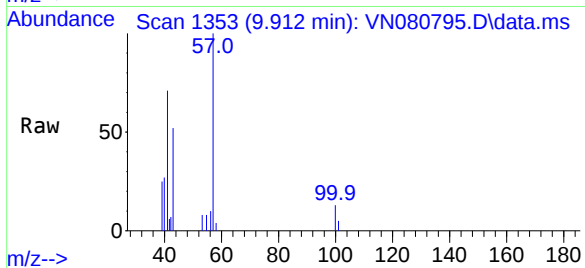
Tgt Ion: 41 Resp: 5572

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.2#

39 34.4 47.6 71.4#



#50

Toluene-d8

Concen: 49.882 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080795.D

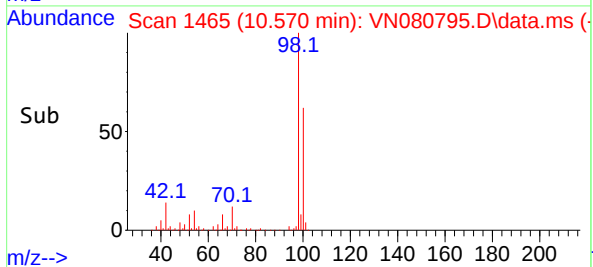
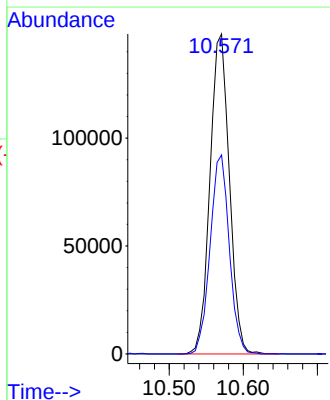
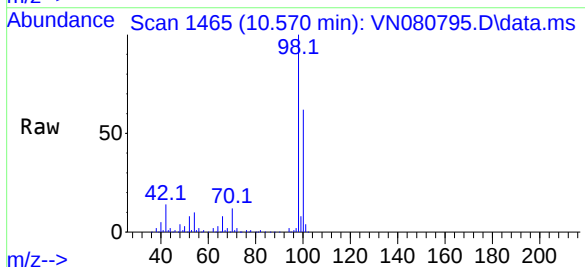
Acq: 29 Jan 2024 16:54

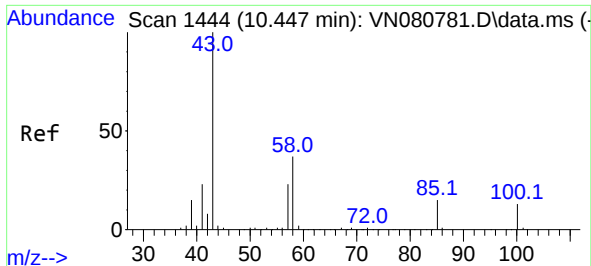
Tgt Ion: 98 Resp: 269027

Ion Ratio Lower Upper

98 100

100 61.5 51.4 77.0

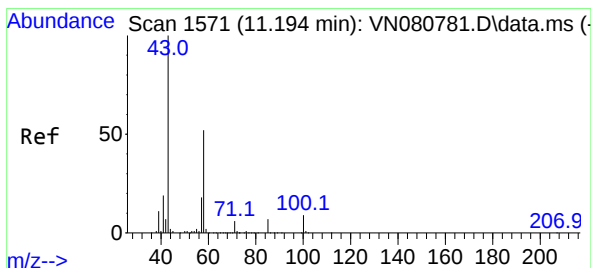
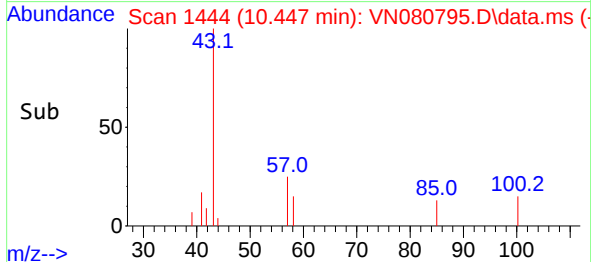
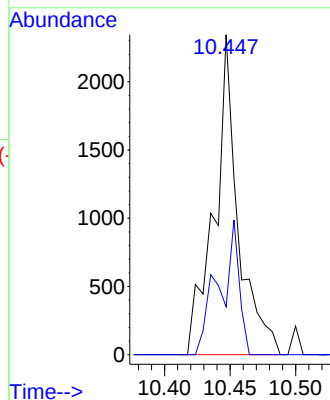
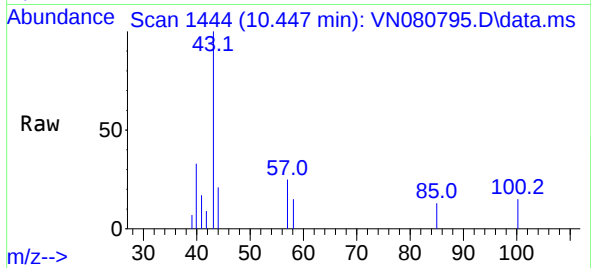




#51
4-Methyl-2-Pentanone
Concen: 1.102 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

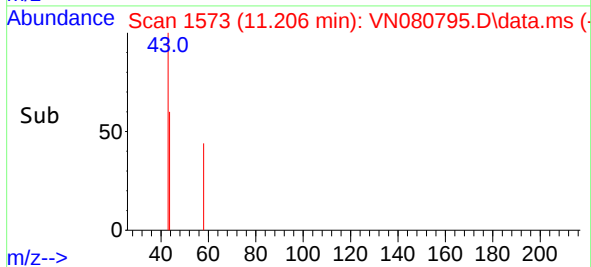
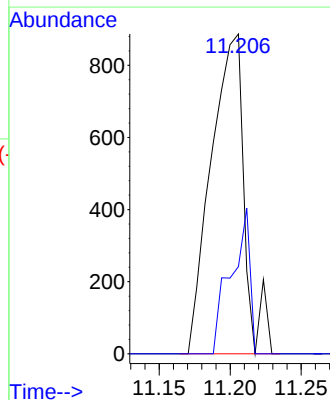
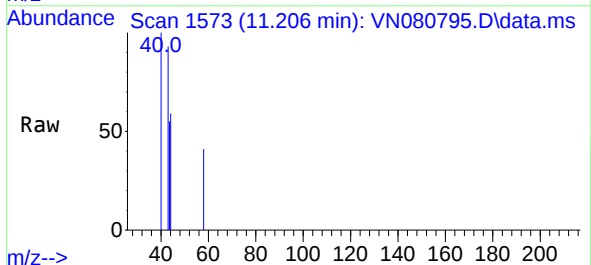
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

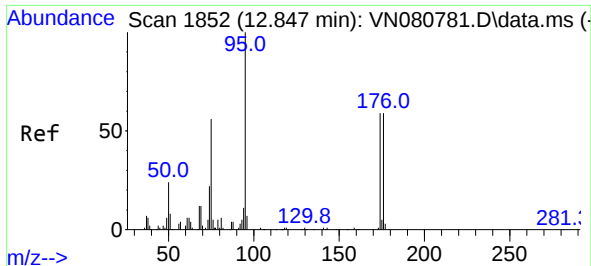
Tgt Ion: 43 Resp: 2958
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.0



#59
2-Hexanone
Concen: 0.694 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
58 26.1 25.9 77.8

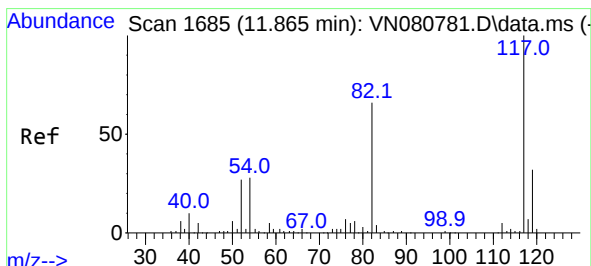
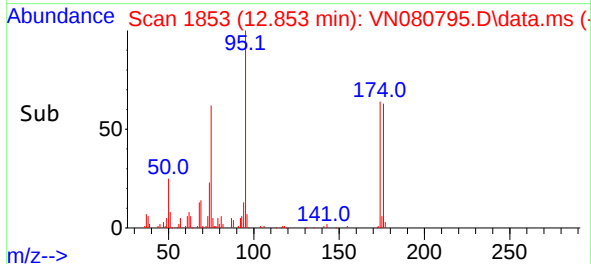
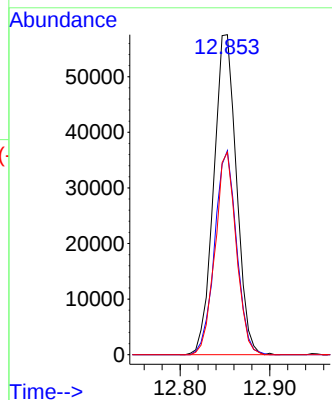
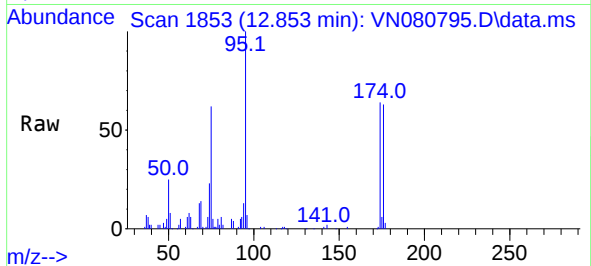




#62
4-Bromofluorobenzene
Concen: 53.893 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

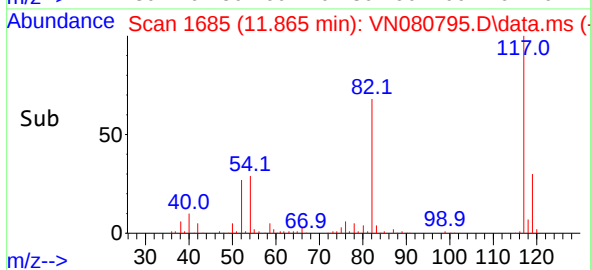
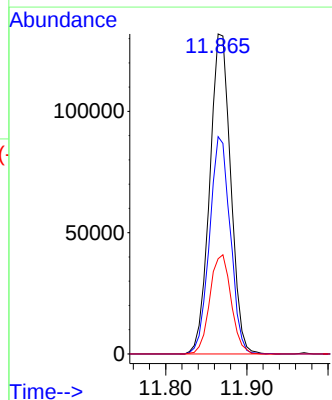
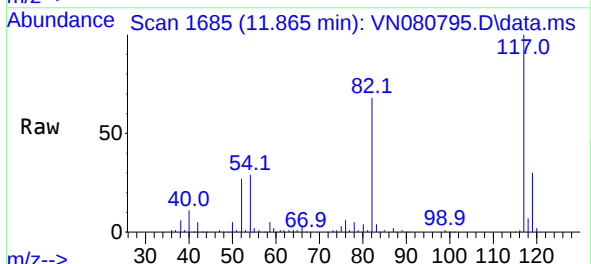
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

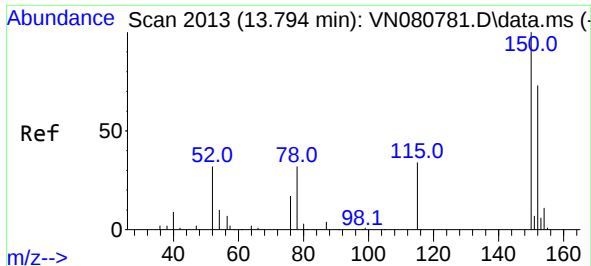
Tgt Ion: 95 Resp: 101287
Ion Ratio Lower Upper
95 100
174 61.5 0.0 120.4
176 58.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Tgt Ion: 117 Resp: 236841
Ion Ratio Lower Upper
117 100
82 67.9 52.7 79.1
119 29.7 25.3 37.9

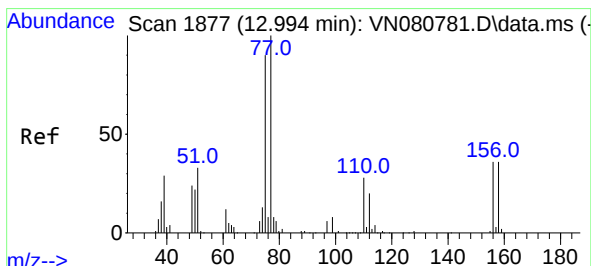
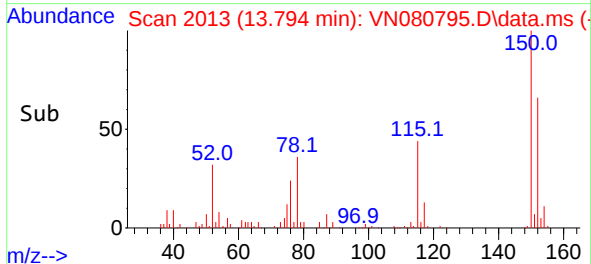
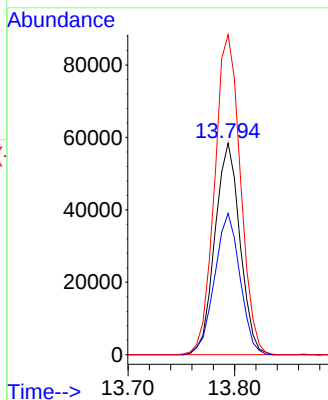
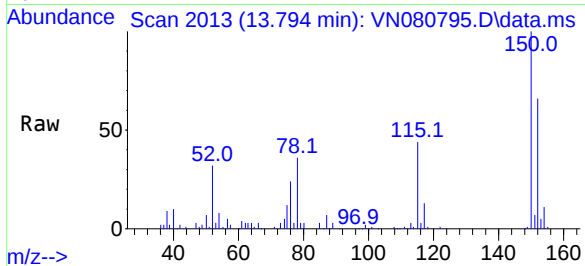




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

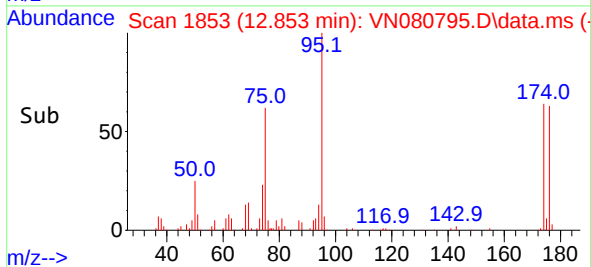
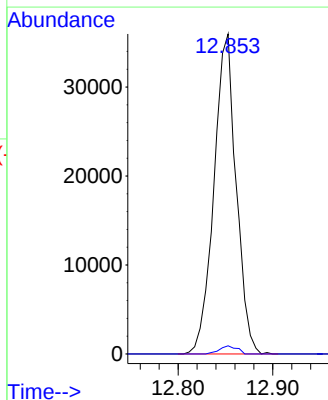
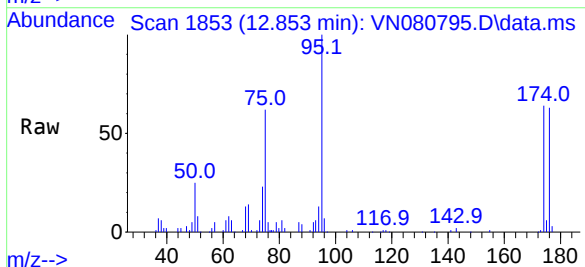
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

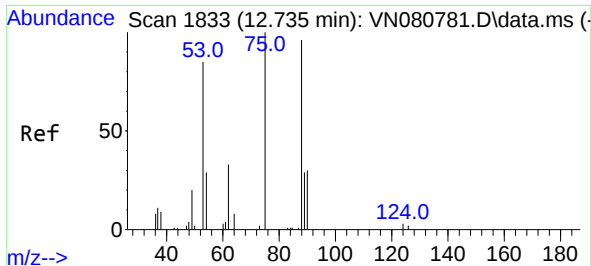
Tgt Ion:152 Resp: 95296
Ion Ratio Lower Upper
152 100
115 67.8 32.3 96.8
150 155.8 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 20.405 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Tgt Ion: 75 Resp: 58647
Ion Ratio Lower Upper
75 100
77 2.0 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.567 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080795.D
Acq: 29 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240123

Tgt Ion: 75 Resp: 58647
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

