

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081299.D
 Acq On : 04 Mar 2024 13:33
 Operator : JC\MD
 Sample : P1660-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-EB-20240228

Quant Time: Mar 04 15:26:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

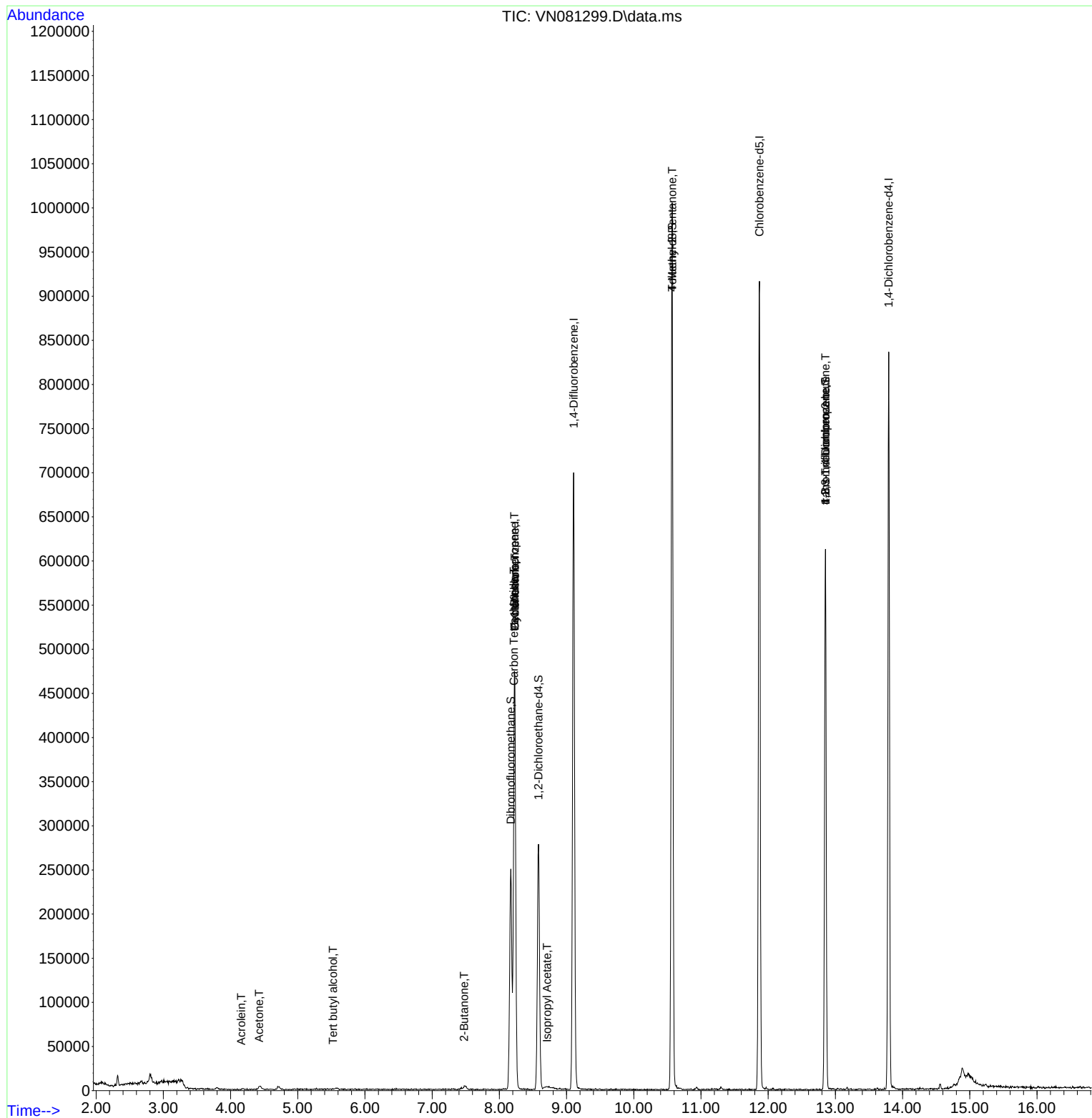
Internal Standards						
1) Pentafluorobenzene	8.230	168	324799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	593654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	521153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220054	55.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.540%	
35) Dibromofluoromethane	8.171	113	173200	51.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.180%	
50) Toluene-d8	10.571	98	657820	55.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.340%	
62) 4-Bromofluorobenzene	12.853	95	206370	46.064	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	722	Below Cal	#	43
6) Chloroethane	3.106	64	55	Below Cal	#	1
11) Tert butyl alcohol	5.524	59	183	0.250	ug/l #	72
13) Acrolein	4.159	56	679	1.730	ug/l #	15
16) Acetone	4.424	43	3632	2.319	ug/l	96
20) Methylene Chloride	5.277	84	133	Below Cal	#	42
25) 2-Butanone	7.477	43	7060	2.790	ug/l	95
31) Cyclohexane	8.230	56	8995	1.309	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	31324	5.447	ug/l #	49
38) Carbon Tetrachloride	8.218	117	38297	6.582	ug/l #	17
43) Isopropyl Acetate	8.712	43	2872	0.316	ug/l #	57
49) 1,4-Dioxane	9.706	88	64	Below Cal	#	19
51) 4-Methyl-2-Pentanone	10.571	43	3507	0.672	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113848	24.735	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113848	63.665	ug/l #	14

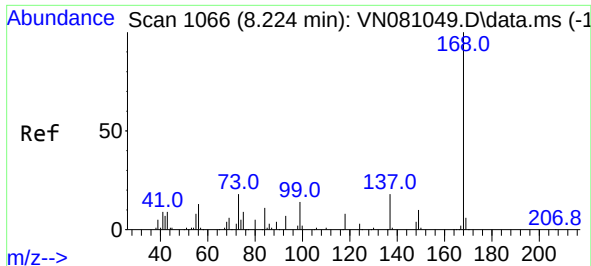
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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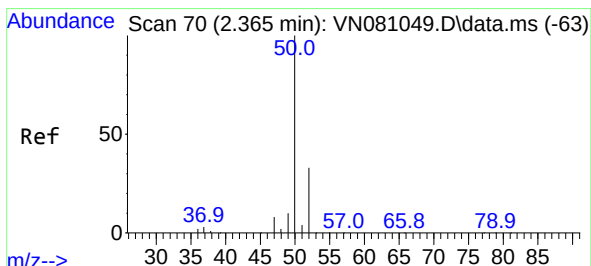
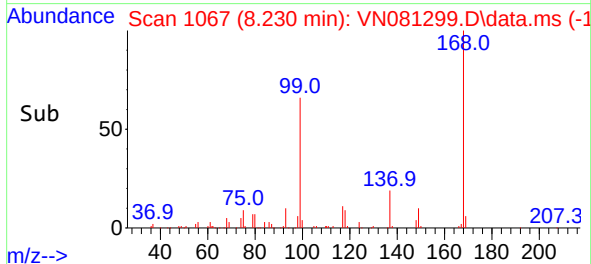
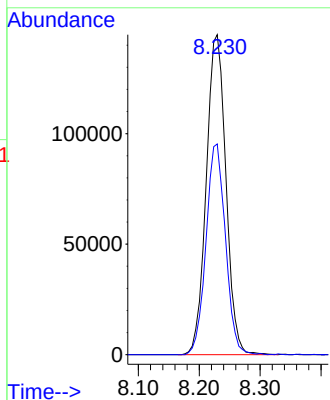
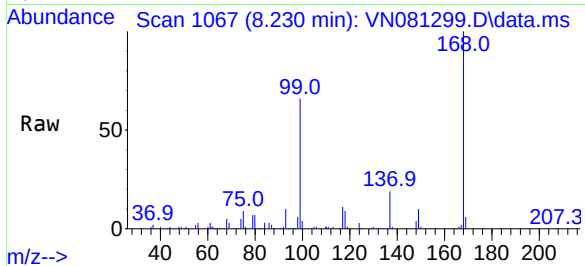




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

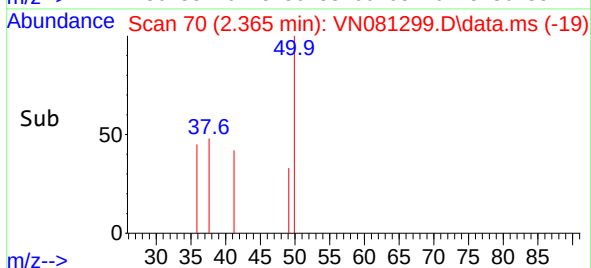
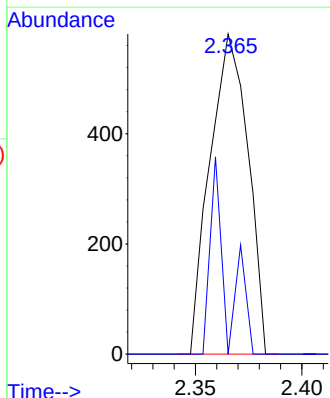
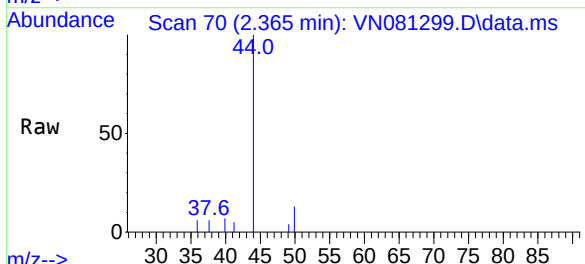
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

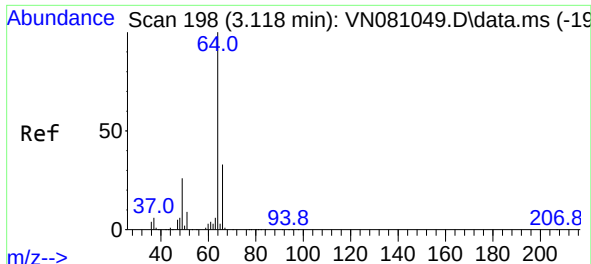
Tgt Ion:168 Resp: 324799
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

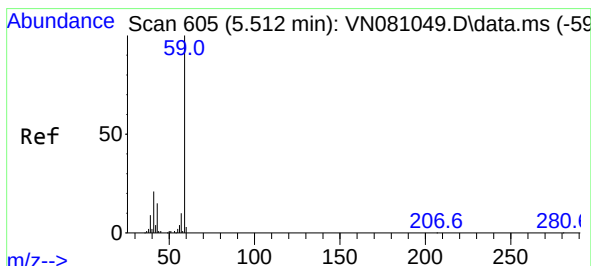
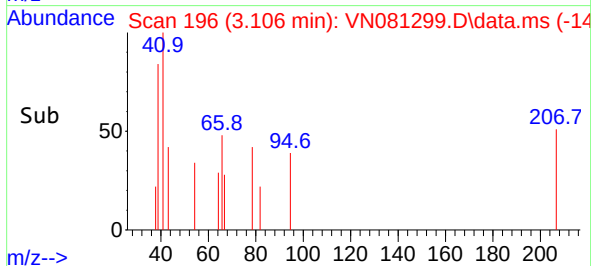
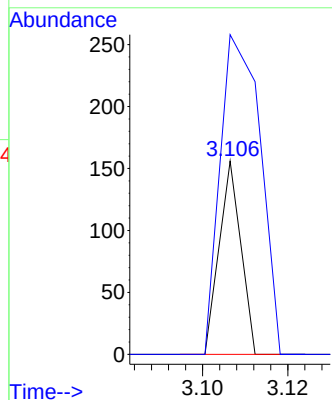
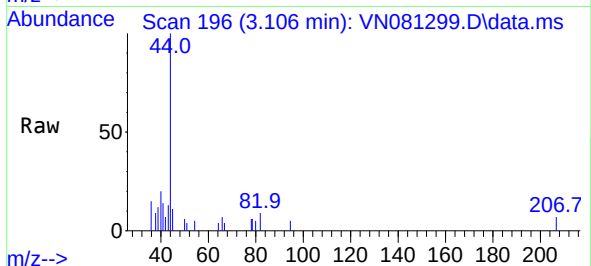




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

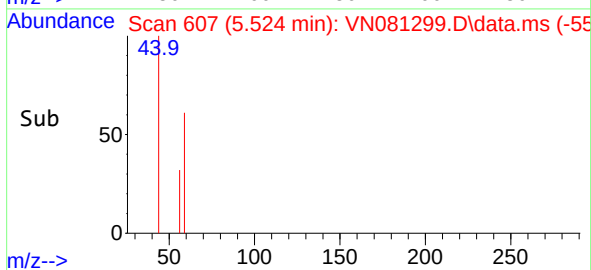
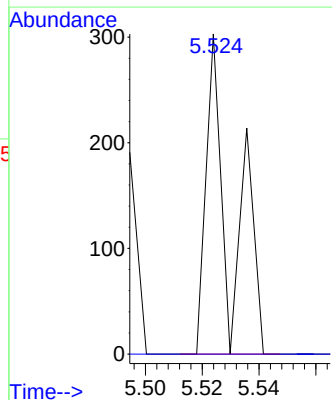
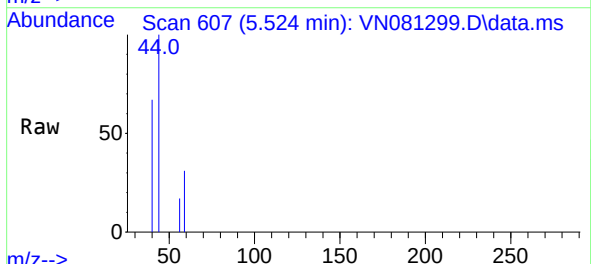
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

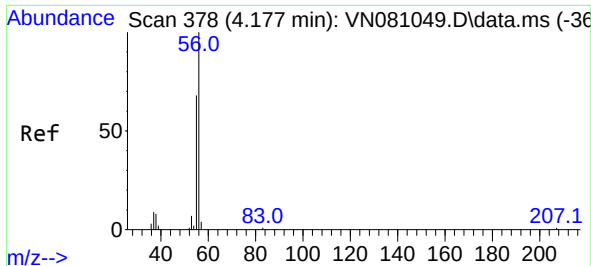
Tgt Ion: 64 Resp: 55
Ion Ratio Lower Upper
64 100
66 165.4 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.250 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

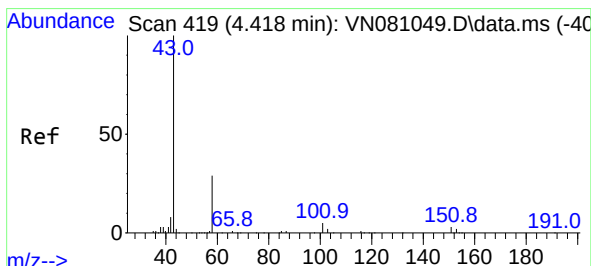
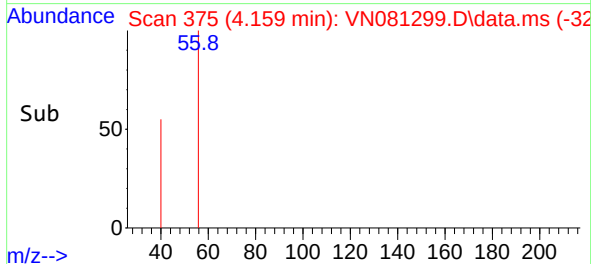
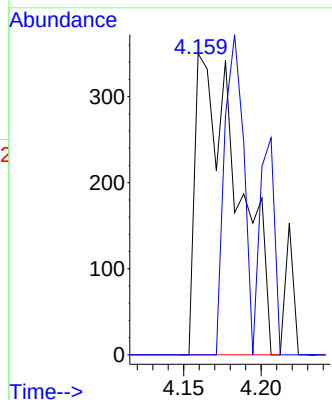
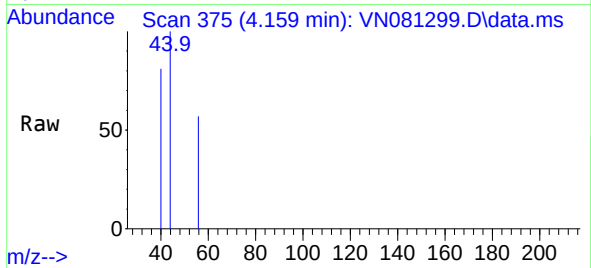




#13
Acrolein
Concen: 1.730 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

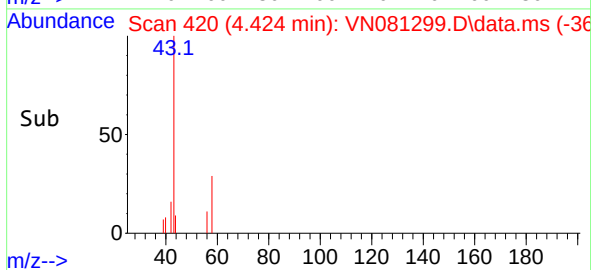
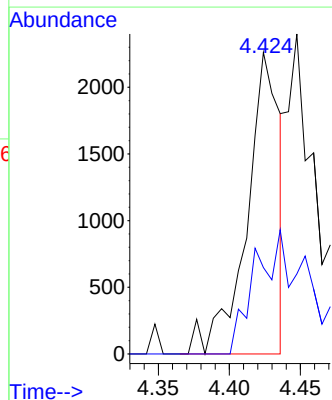
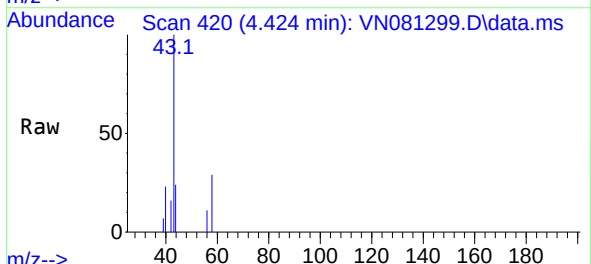
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

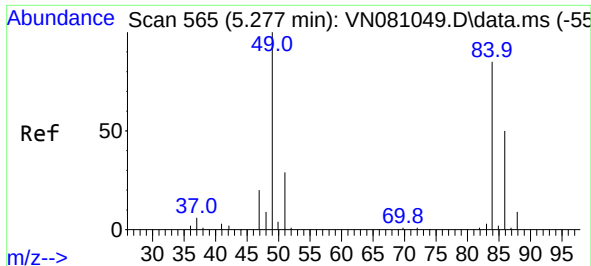
Tgt Ion: 56 Resp: 679
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 2.319 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 43 Resp: 3632
Ion Ratio Lower Upper
43 100
58 28.6 24.8 37.2

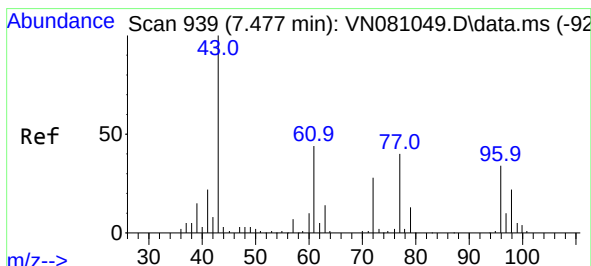
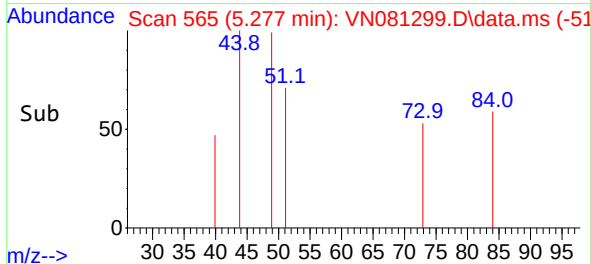
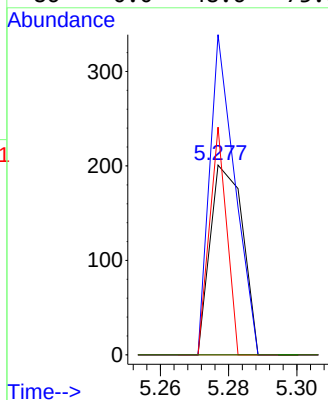
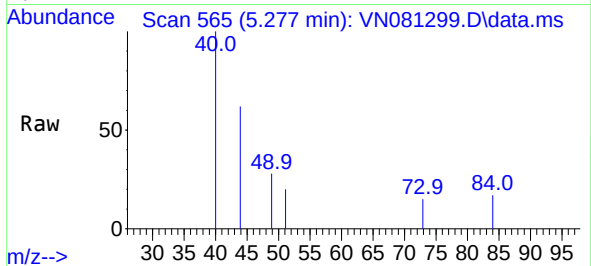




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

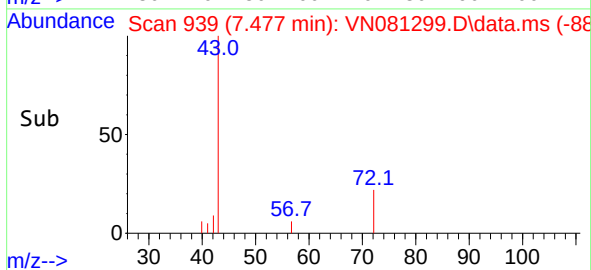
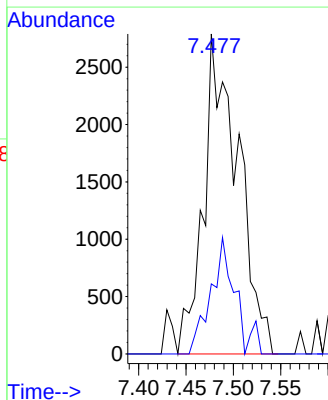
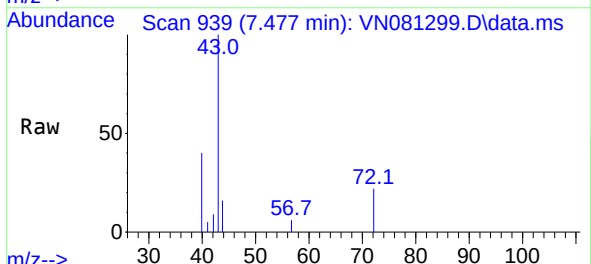
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

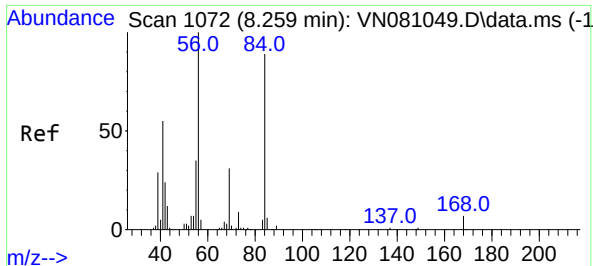
Tgt Ion:	84	Resp:	133
Ion	Ratio	Lower	Upper
84	100		
49	168.7	108.1	162.1#
51	119.9	32.9	49.3#
86	0.0	48.6	73.0#



#25
2-Butanone
Concen: 2.790 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion:	43	Resp:	7060
Ion	Ratio	Lower	Upper
43	100		
72	21.9	19.5	29.3

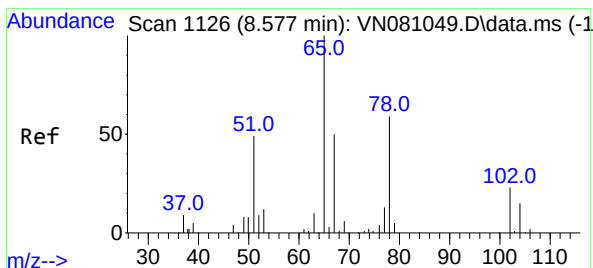
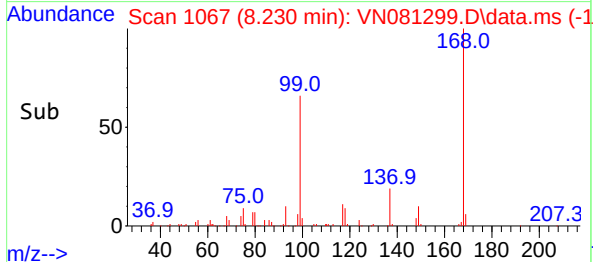
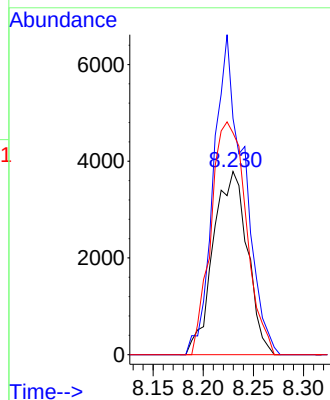
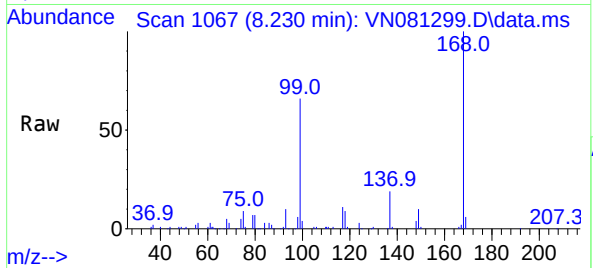




#31
Cyclohexane
Concen: 1.309 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

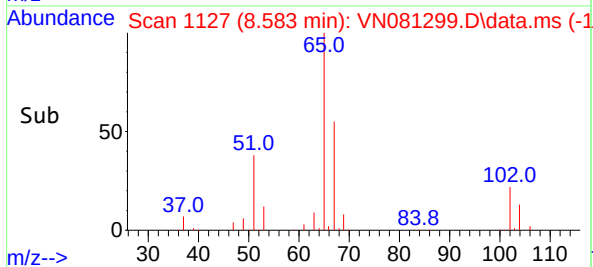
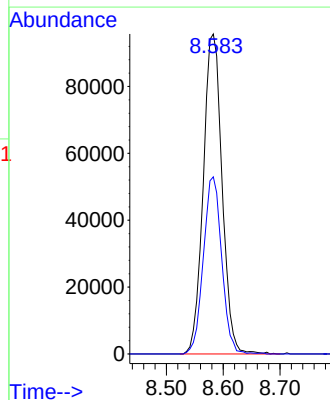
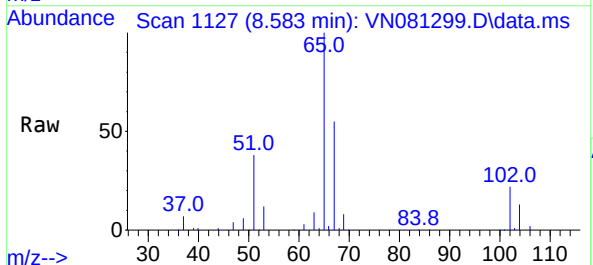
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ClientSampleId :
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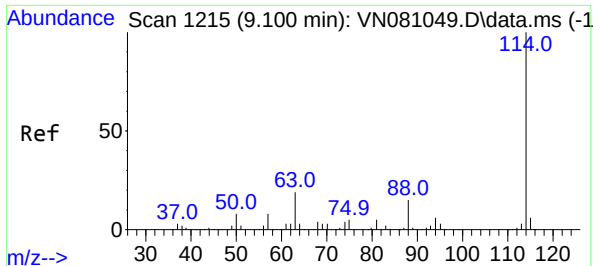
Tgt Ion: 56 Resp: 8995
Ion Ratio Lower Upper
56 100
69 129.1 20.1 30.1#
84 121.1 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 55.274 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 65 Resp: 220054
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.4

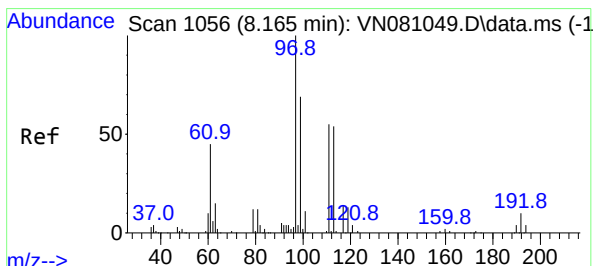
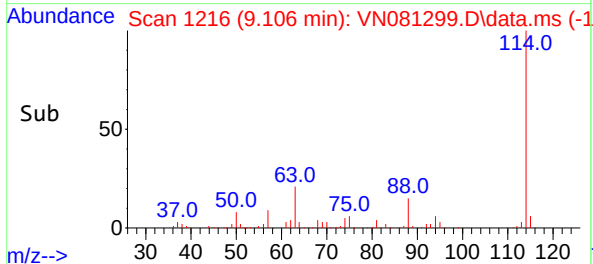
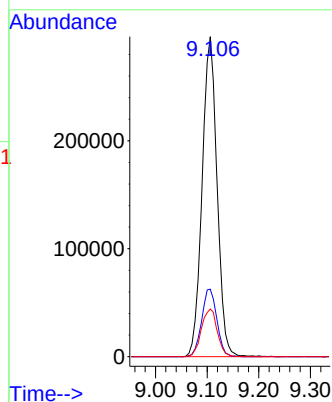
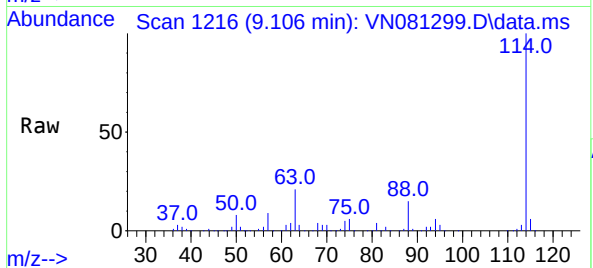




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

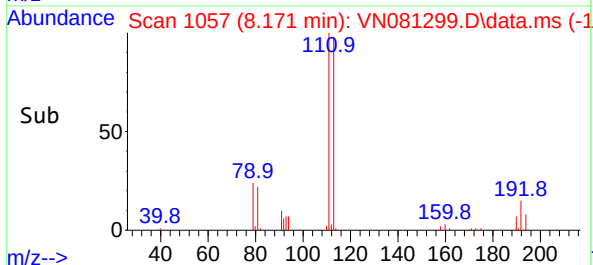
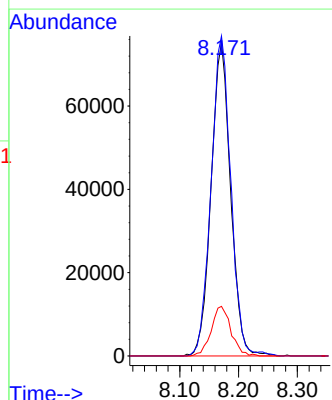
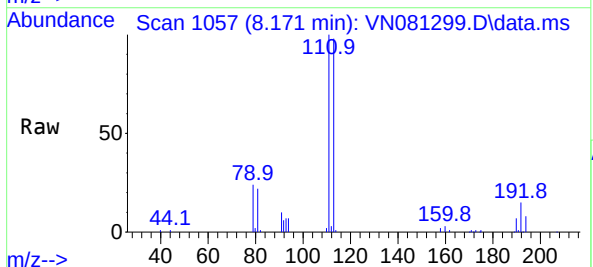
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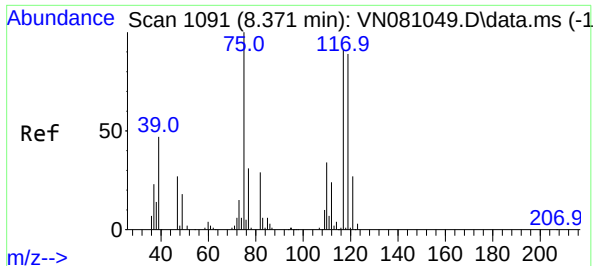
Tgt Ion:114 Resp: 593654
Ion Ratio Lower Upper
114 100
63 21.1 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.595 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion:113 Resp: 173200
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.1 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.447 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081299.D

Acq: 04 Mar 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-EB-20240228

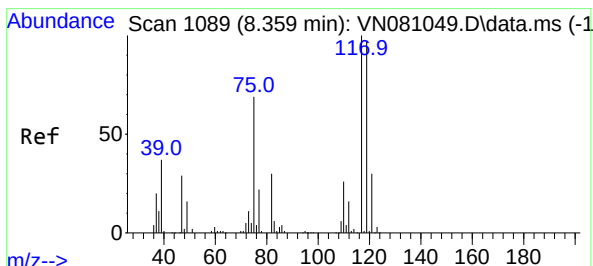
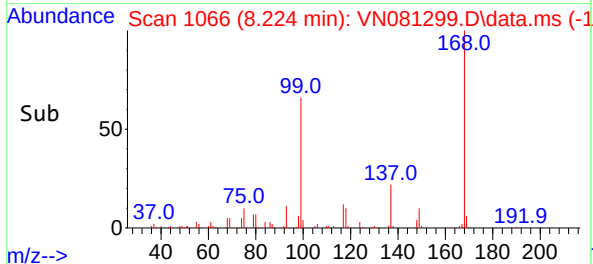
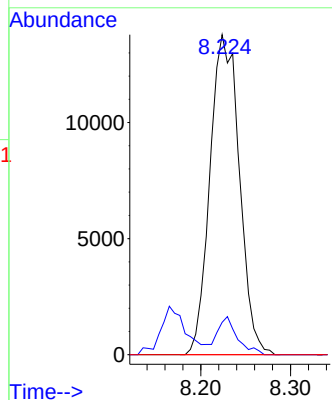
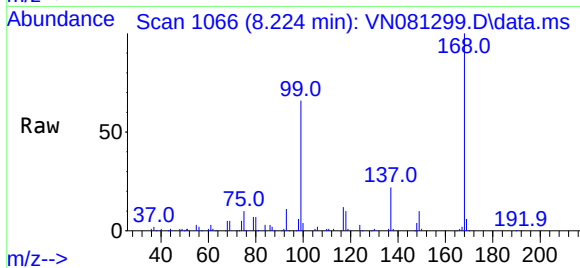
Tgt Ion: 75 Resp: 31324

Ion Ratio Lower Upper

75 100

110 7.7 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.582 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN081299.D

Acq: 04 Mar 2024 13:33

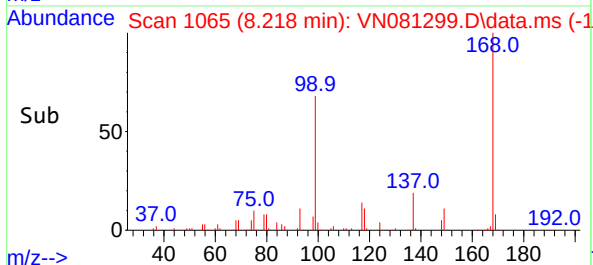
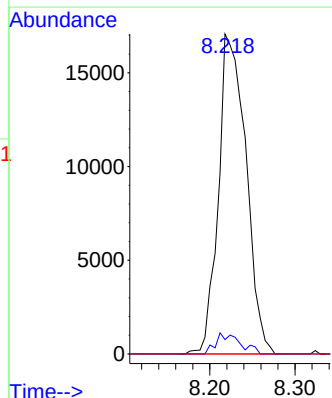
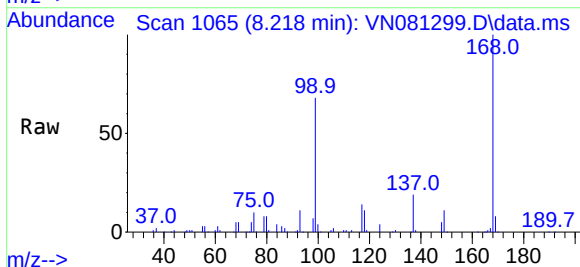
Tgt Ion: 117 Resp: 38297

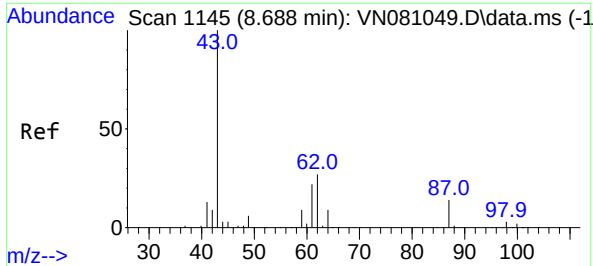
Ion Ratio Lower Upper

117 100

119 4.5 73.4 110.2#

121 0.0 24.4 36.6#



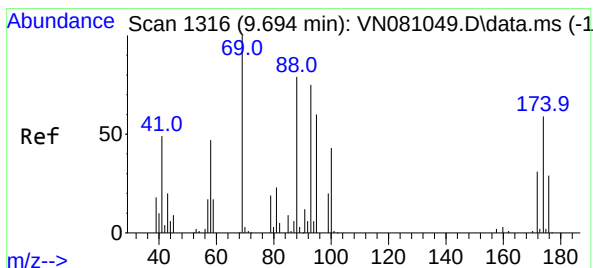
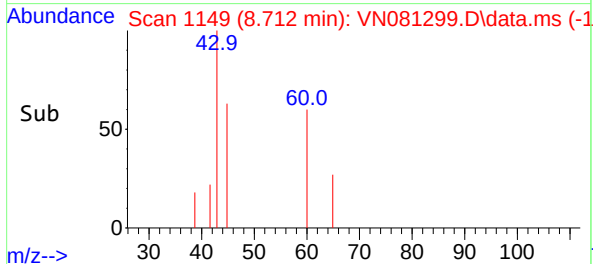
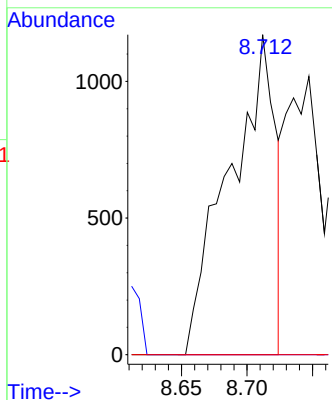
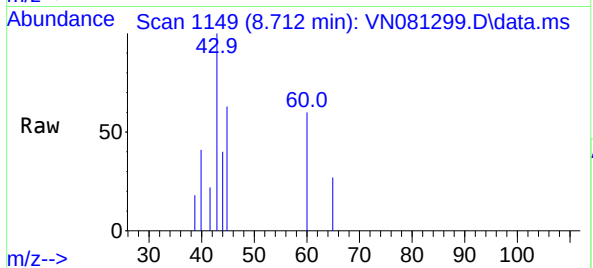


#43
Isopropyl Acetate
Concen: 0.316 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.023 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

Tgt Ion: 43 Resp: 2872

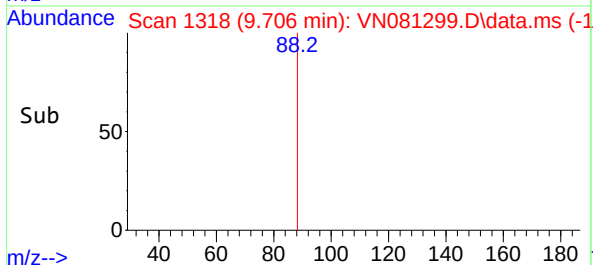
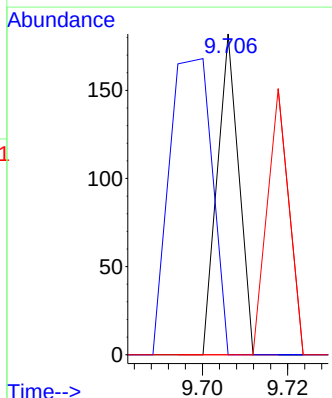
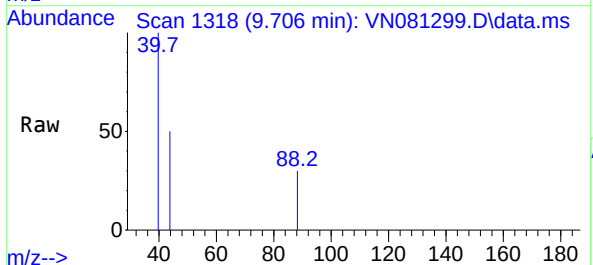
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.9	29.9#
87	0.0	9.0	13.6#

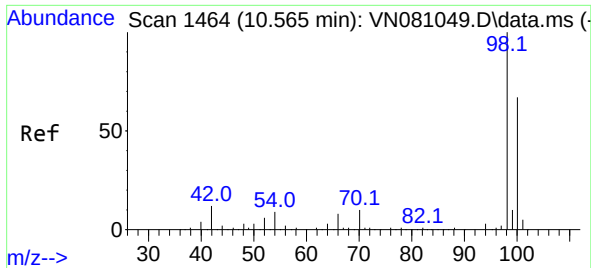


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	184.4	30.1	45.1#
58	82.8	63.9	95.9

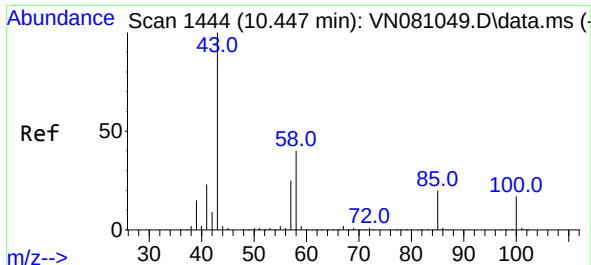
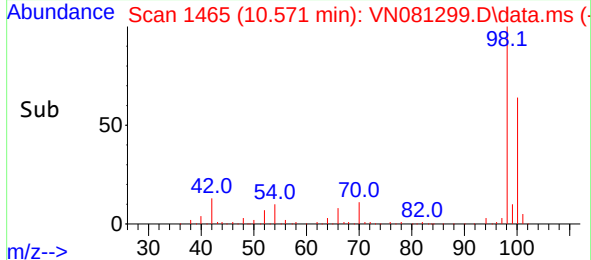
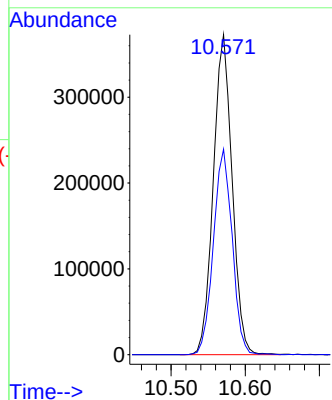
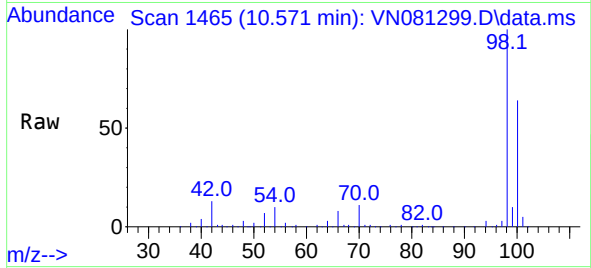




#50
Toluene-d8
Concen: 55.173 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

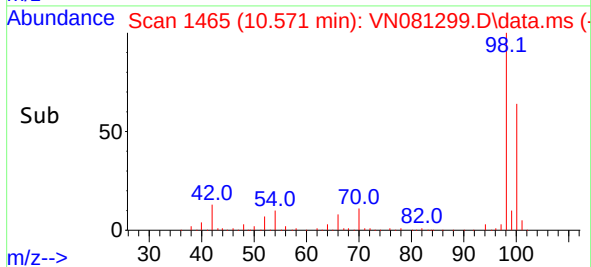
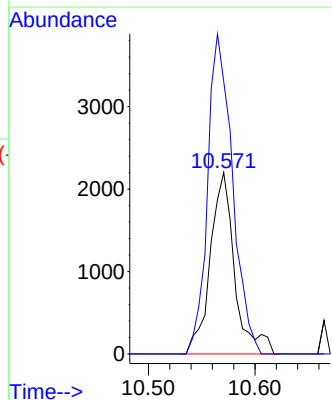
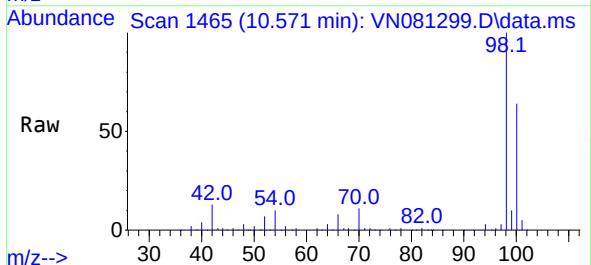
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

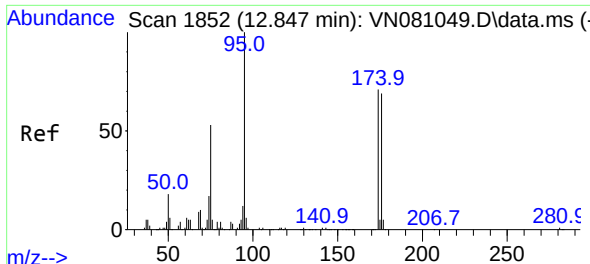
Tgt Ion: 98 Resp: 657820
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.672 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
58 179.4 29.4 44.0#



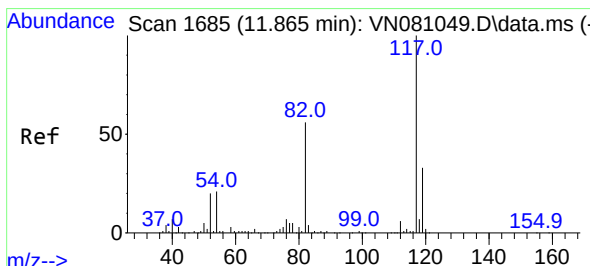
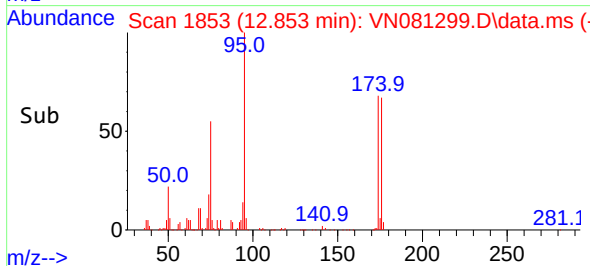
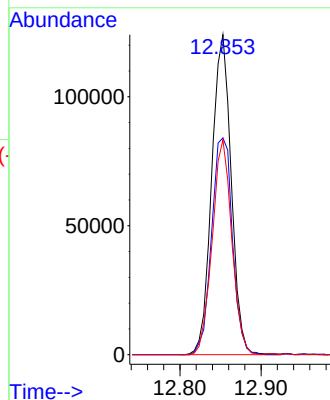
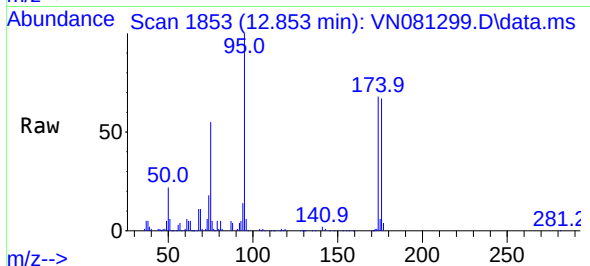


#62
4-Bromofluorobenzene
Concen: 46.064 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

Tgt Ion: 95 Resp: 206370

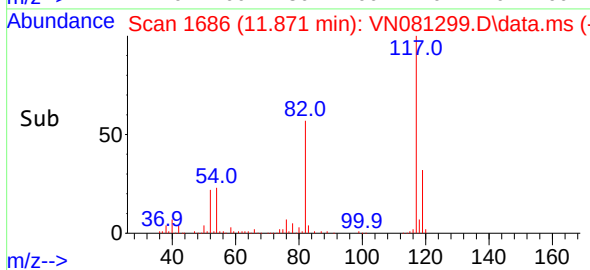
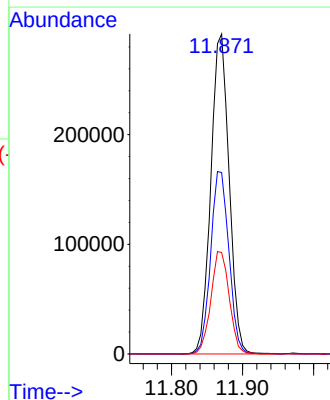
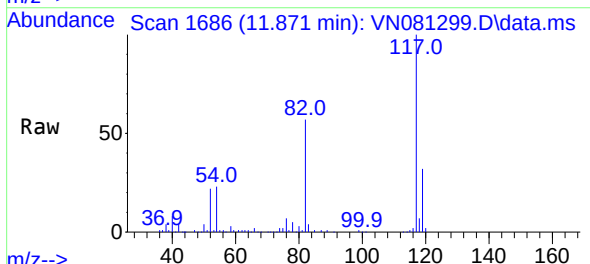
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	120.4
176	67.4	0.0	121.0

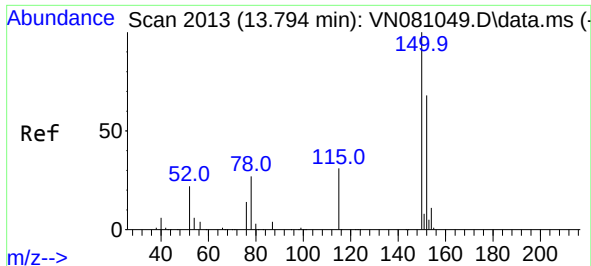


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

Tgt Ion: 117 Resp: 521153

Ion	Ratio	Lower	Upper
117	100		
82	56.7	52.7	79.1
119	31.7	25.3	37.9

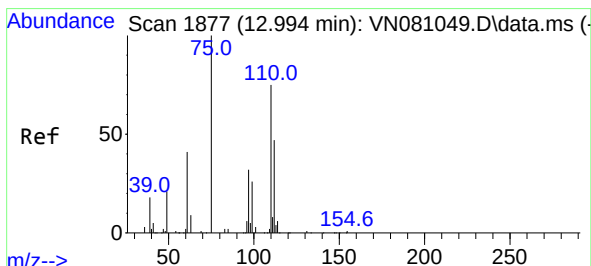
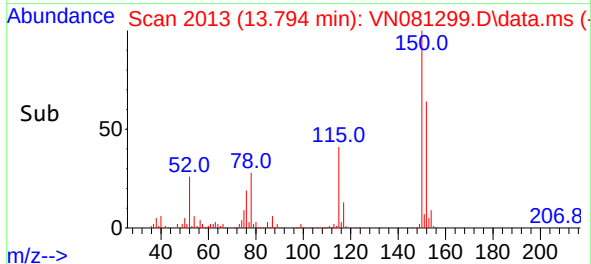
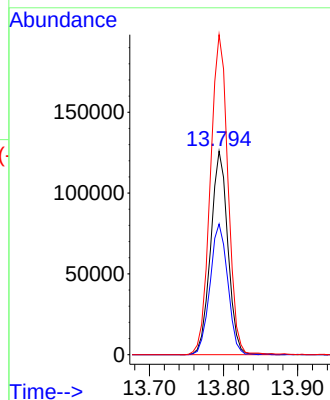
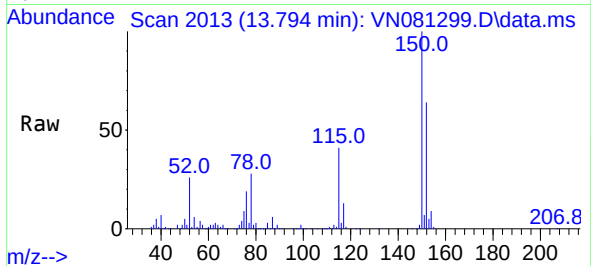




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

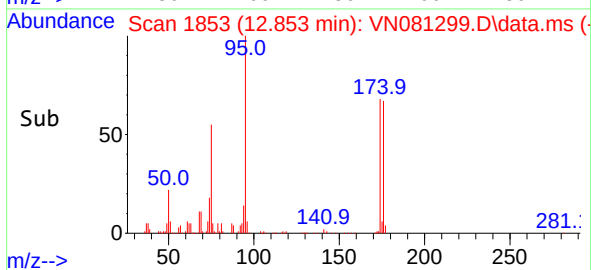
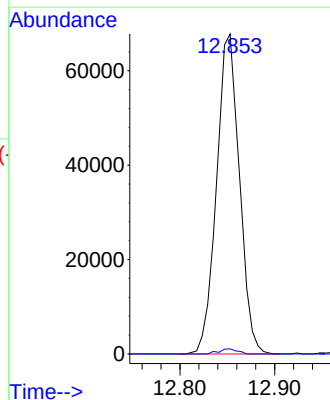
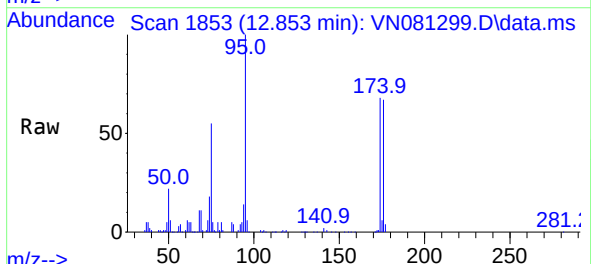
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240228

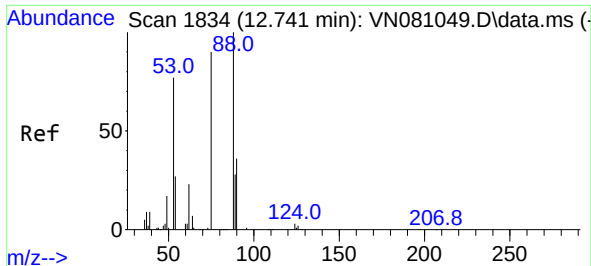
Tgt Ion:152 Resp: 202580
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 161.7 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 24.735 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081299.D
Acq: 04 Mar 2024 13:33

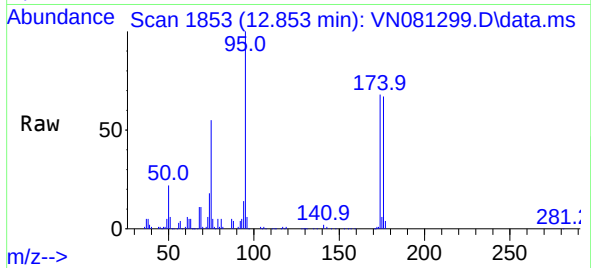
Tgt Ion: 75 Resp: 113848
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.665 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081299.D
 Acq: 04 Mar 2024 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-EB-20240228



Tgt Ion: 75 Resp: 113848
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.0 33.4 50.0#

