

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082495.D
 Acq On : 07 Jun 2024 16:13
 Operator : JC\MD
 Sample : P2771-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-220-222

Quant Time: Jun 08 00:59:49 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)

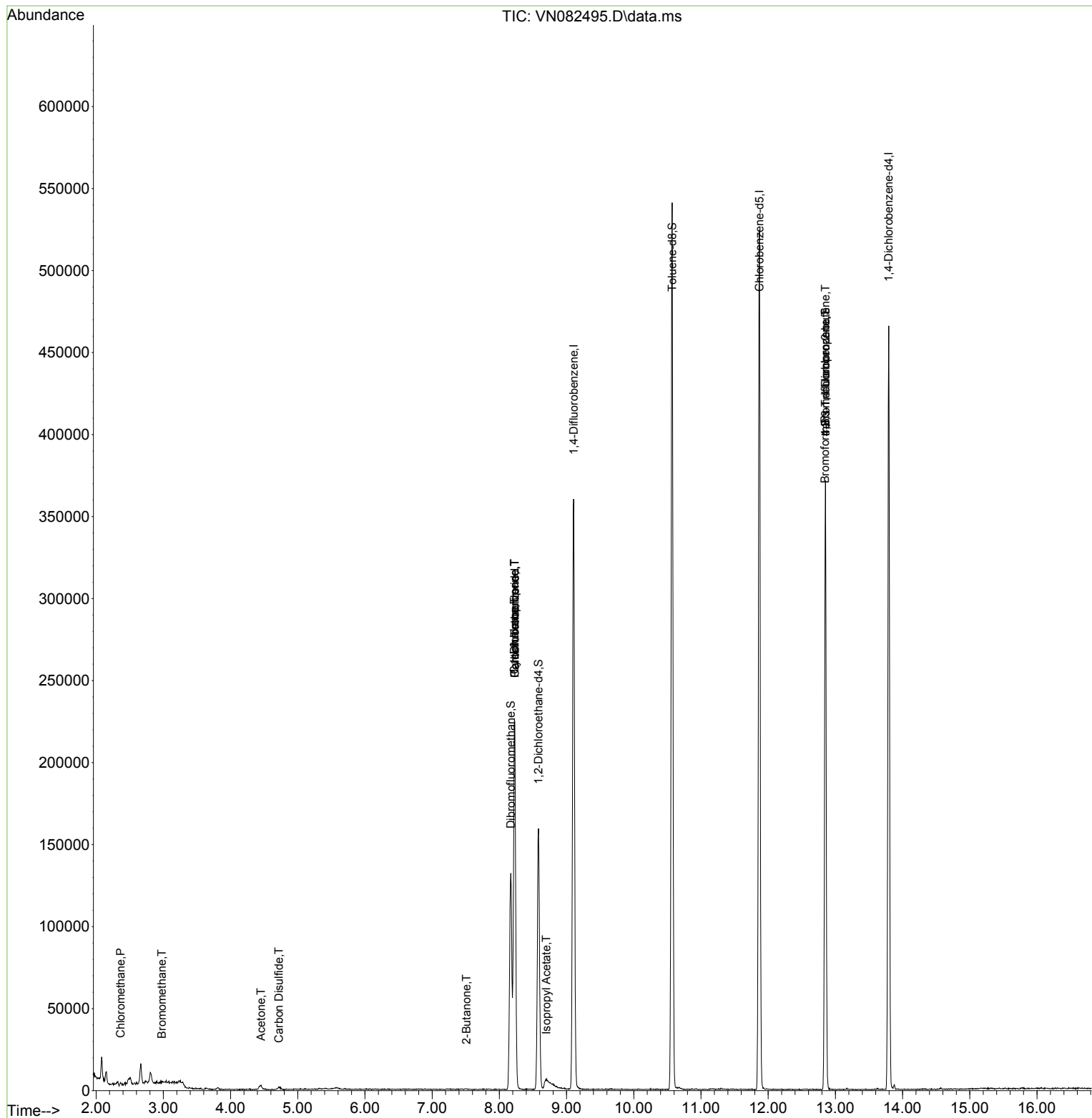
Internal Standards						
1) Pentafluorobenzene	8.230	168	156573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130315	52.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.420%			
35) Dibromofluoromethane	8.171	113	94486	53.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.571	98	345071	50.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.853	95	114945	47.165	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.340%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1046	0.409	ug/l	98
5) Bromomethane	2.977	94	397	0.287	ug/l #	58
16) Acetone	4.453	43	5118	5.046	ug/l	93
17) Carbon Disulfide	4.718	76	1377	0.249	ug/l #	74
25) 2-Butanone	7.512	43	558	0.363	ug/l #	43
31) Cyclohexane	8.224	56	4657	1.179	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	14804	4.956	ug/l #	48
38) Carbon Tetrachloride	8.230	117	16769	5.538	ug/l #	19
43) Isopropyl Acetate	8.700	43	11534	1.947	ug/l #	52
71) Bromoform	12.847	173	842	1.212	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	68086	27.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68086	63.986	ug/l #	12

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

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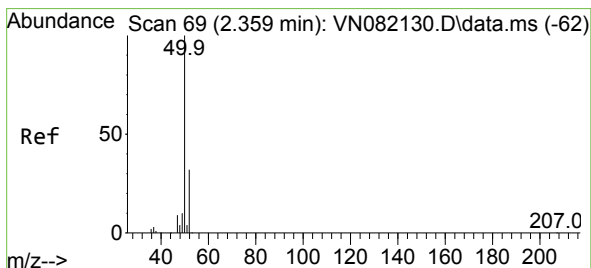
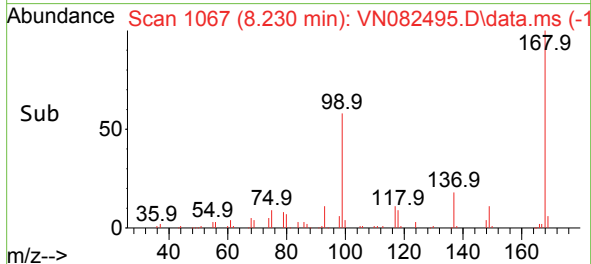
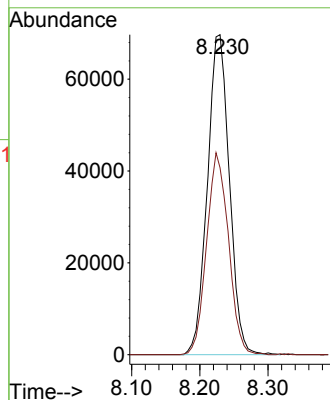
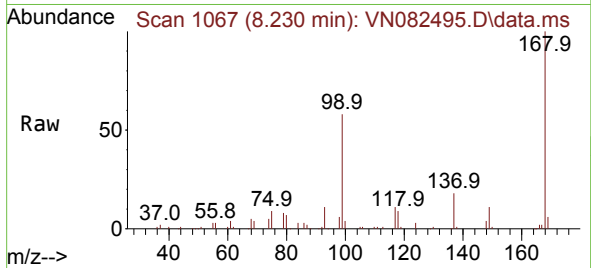




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

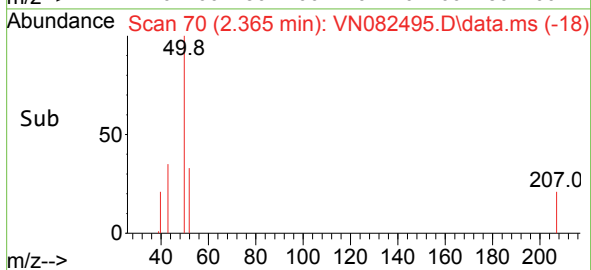
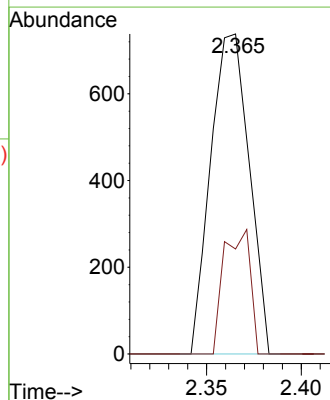
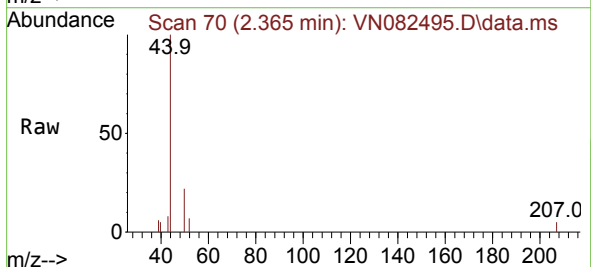
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-220-222

Tgt Ion:168 Resp: 156573
Ion Ratio Lower Upper
168 100
99 58.4 48.2 72.4



#3
Chloromethane
Concen: 0.409 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 50 Resp: 1046
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

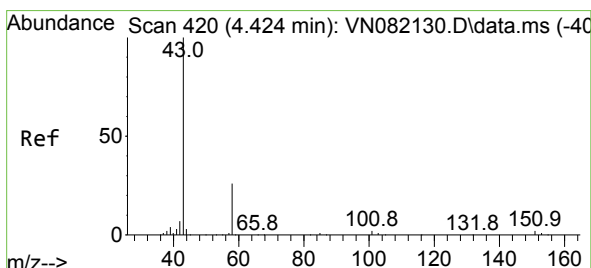
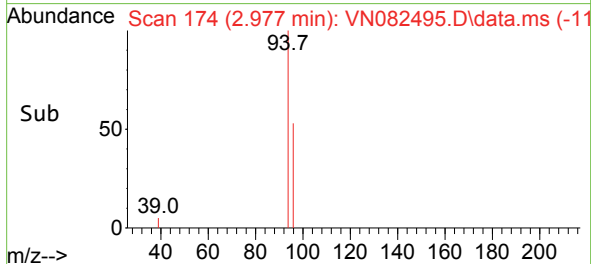
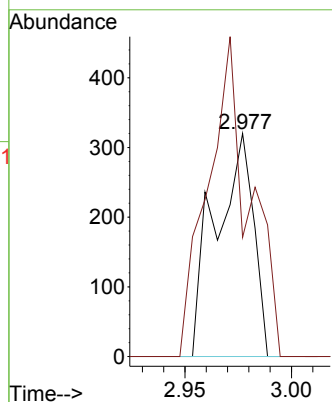
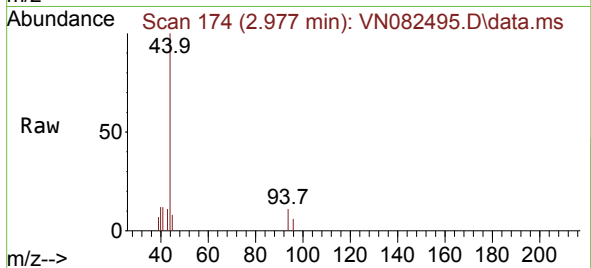




#5
Bromomethane
Concen: 0.287 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

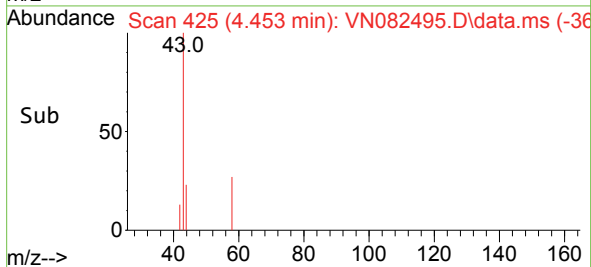
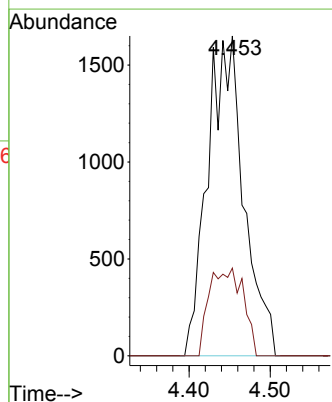
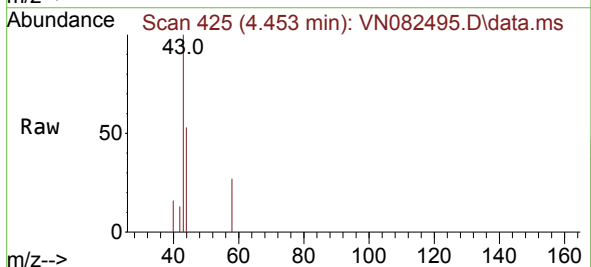
Instrument :
MSVOA_N
ClientSampleId :
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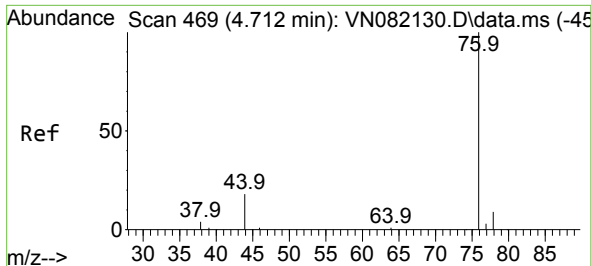
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 53.4 74.8 112.2#



#16
Acetone
Concen: 5.046 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 27.5 25.2 37.8

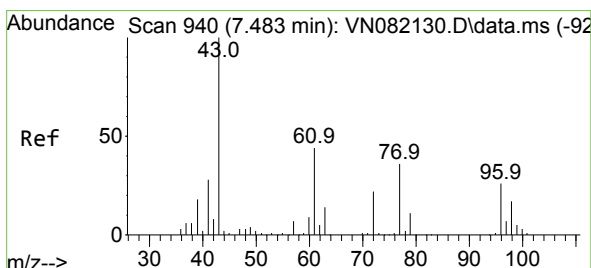
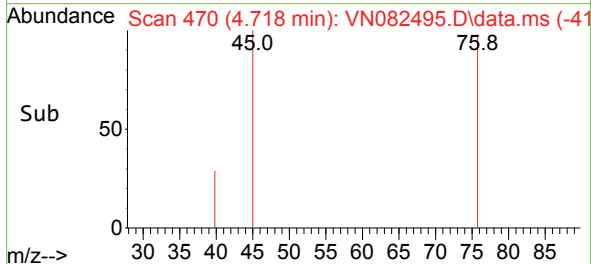
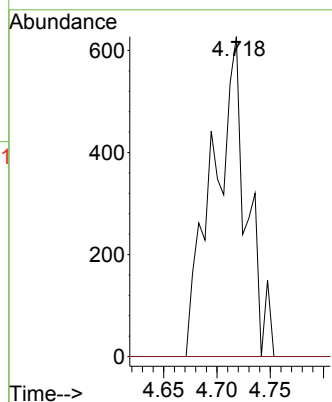
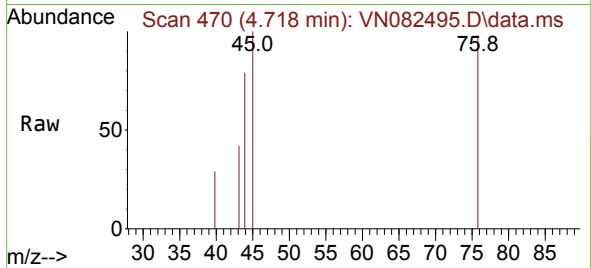




#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

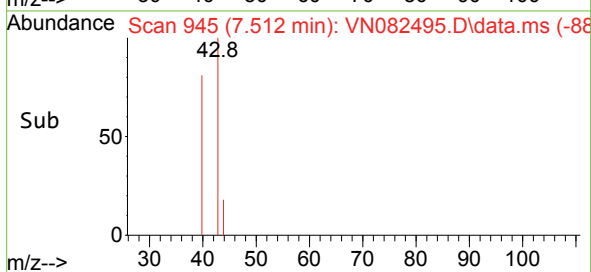
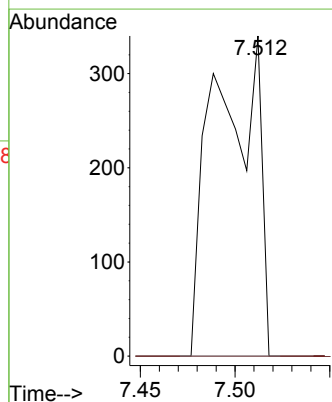
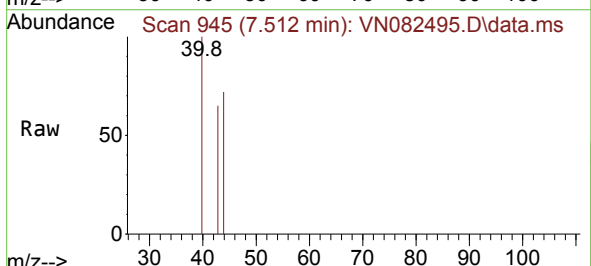
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-220-222

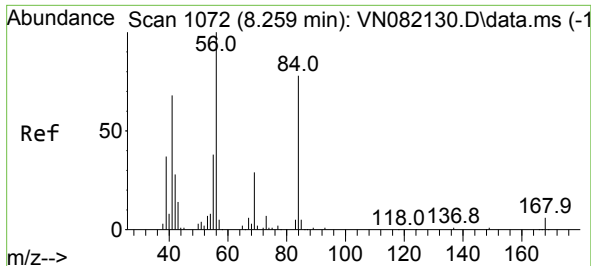
Tgt Ion: 76 Resp: 1377
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 0.363 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.029 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

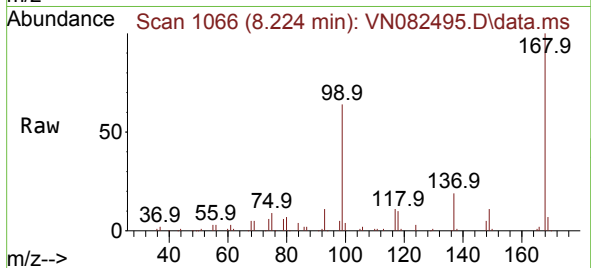
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



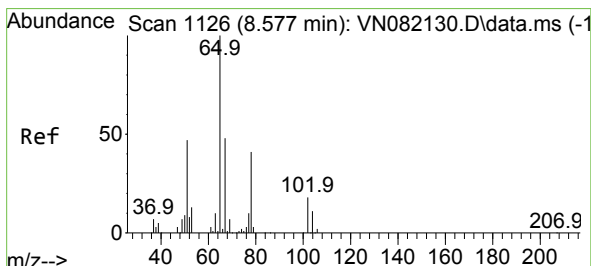
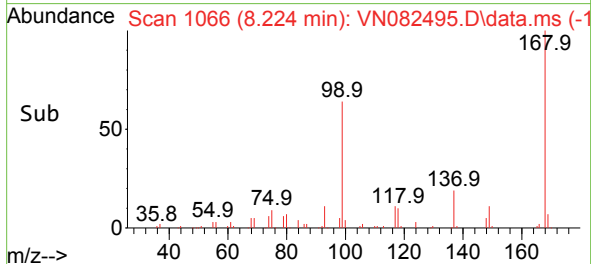
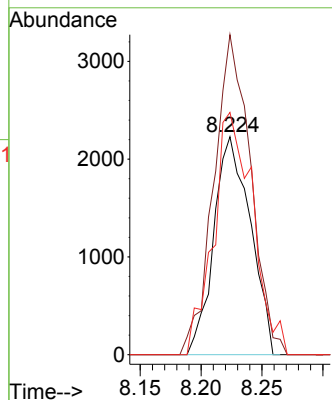


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-220-222

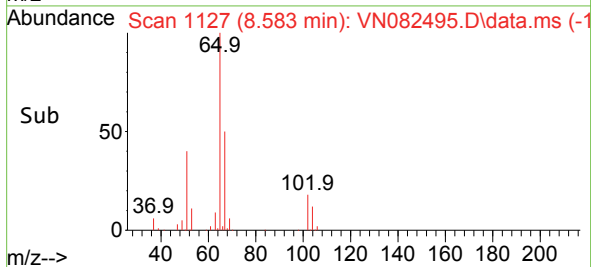
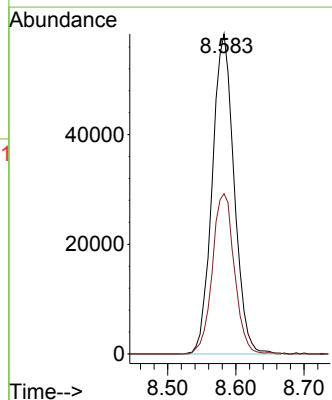
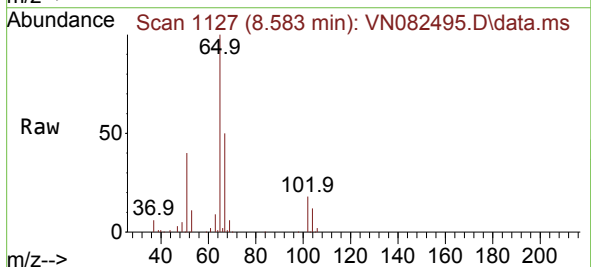


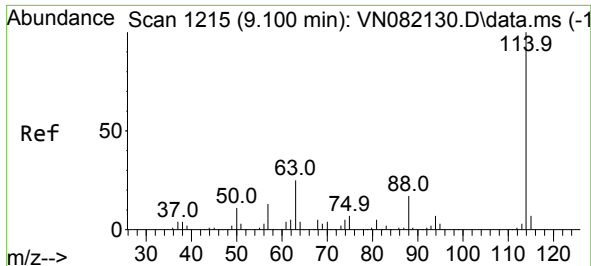
Tgt Ion: 56 Resp: 4657
Ion Ratio Lower Upper
56 100
69 146.8 24.4 36.6#
84 111.2 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.709 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 65 Resp: 130315
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

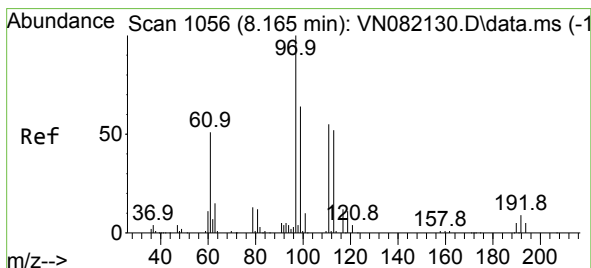
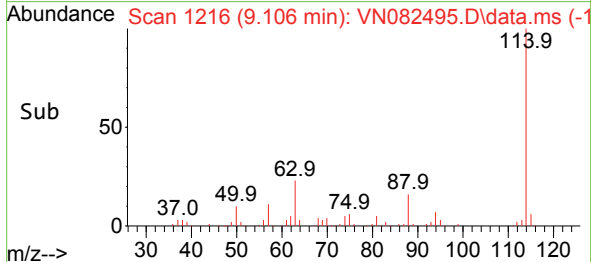
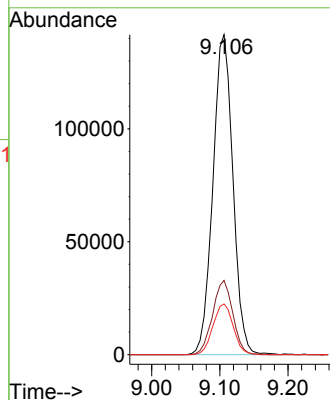
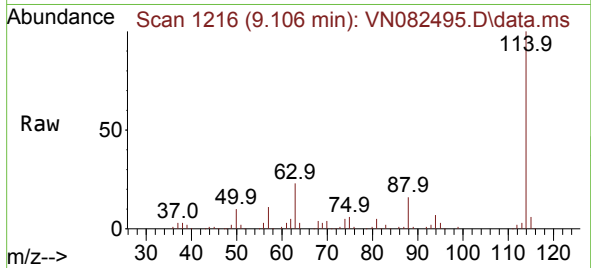




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

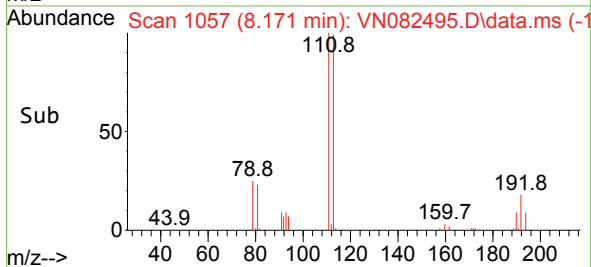
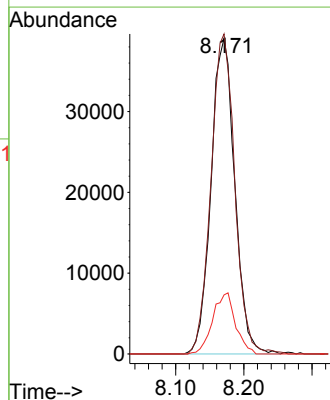
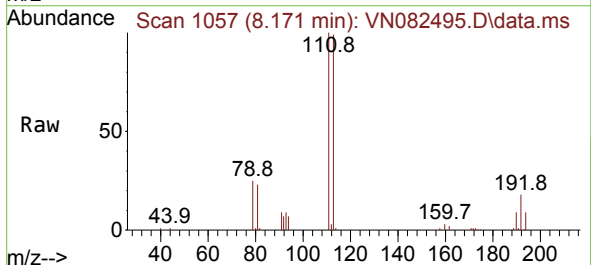
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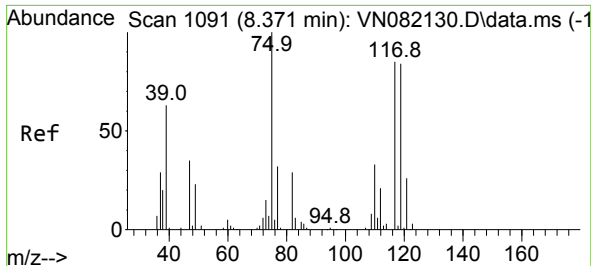
Tgt Ion:114 Resp: 289511
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.0
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.054 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion:113 Resp: 94486
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.2
192 18.6 14.0 21.0

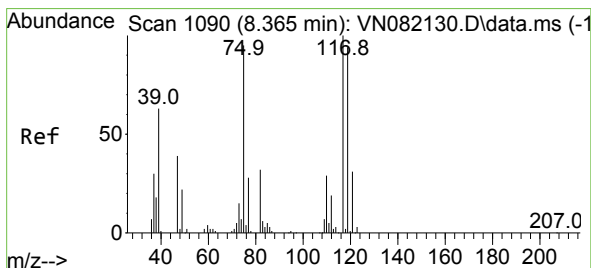
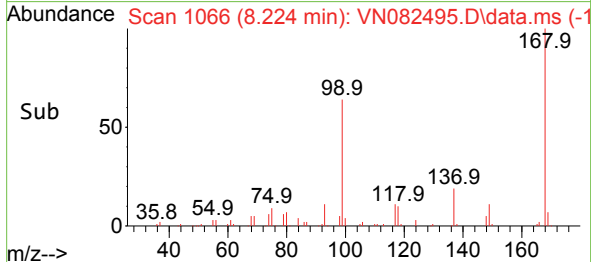
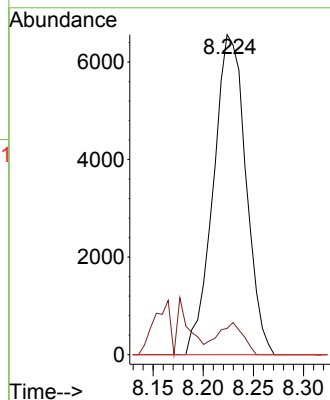
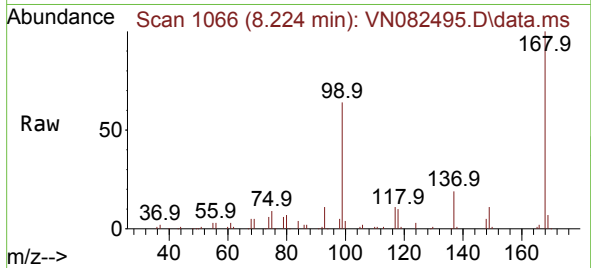




#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

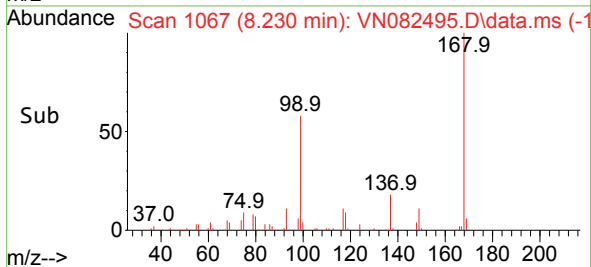
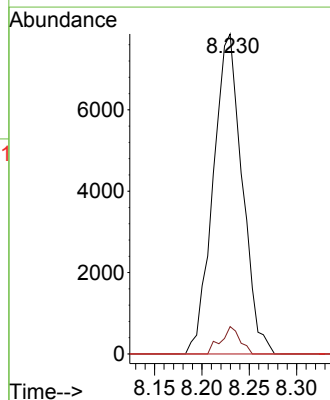
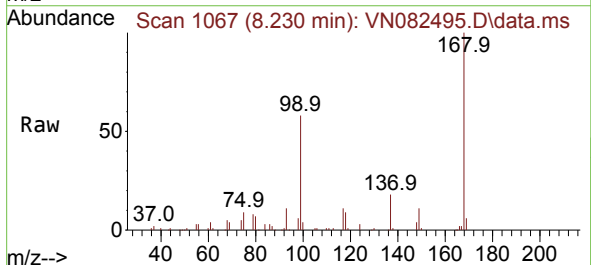
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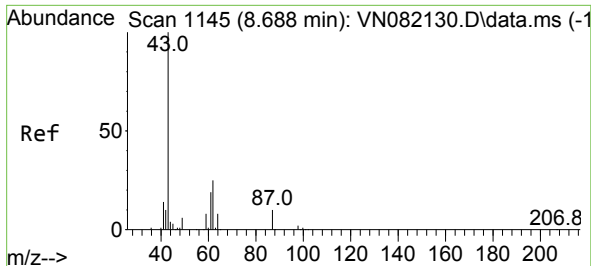
Tgt Ion: 75 Resp: 14804
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.538 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 117 Resp: 16769
Ion Ratio Lower Upper
117 100
119 8.6 76.5 114.7#
121 0.0 23.9 35.9#

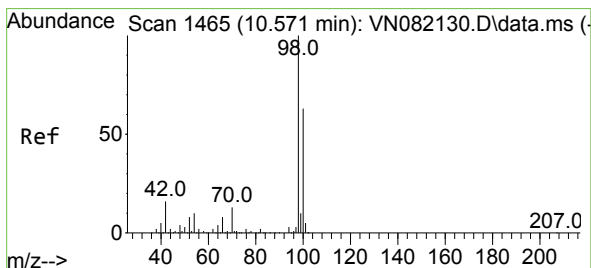
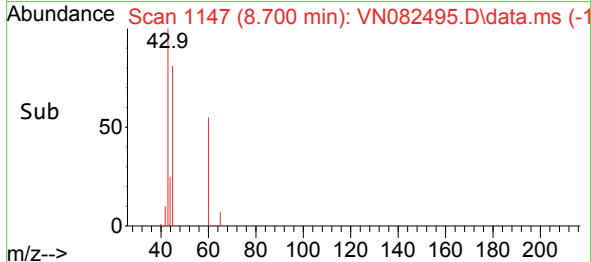
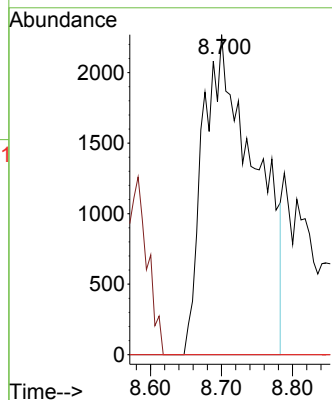
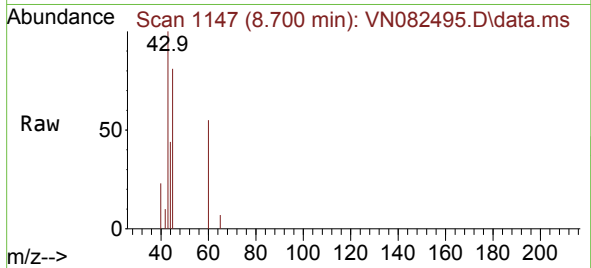




#43
Isopropyl Acetate
Concen: 1.947 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

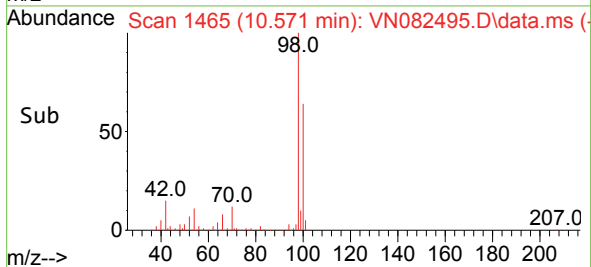
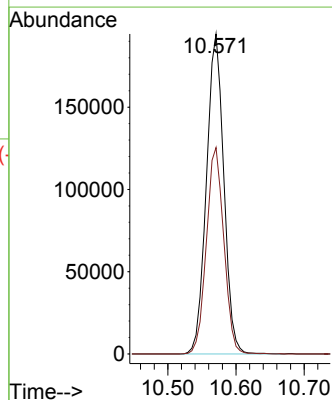
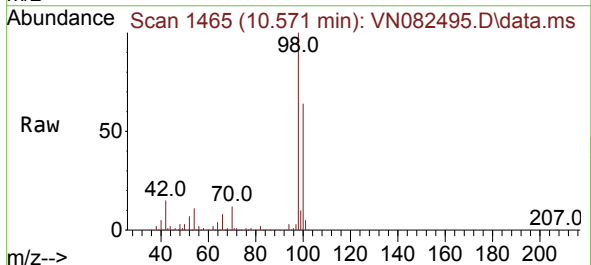
Instrument :
MSVOA_N
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BP-VPB-196-GW-220-222

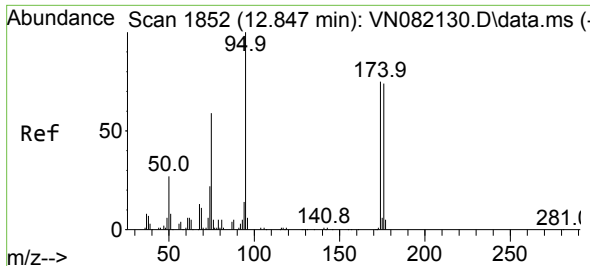
Tgt Ion: 43 Resp: 11534
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 50.538 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 98 Resp: 345071
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

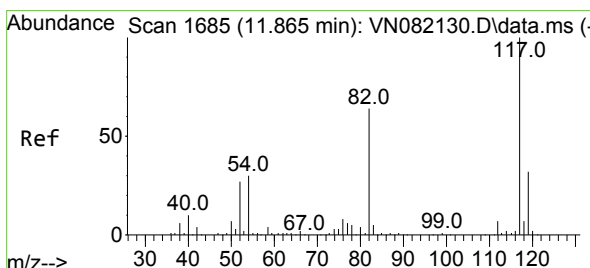
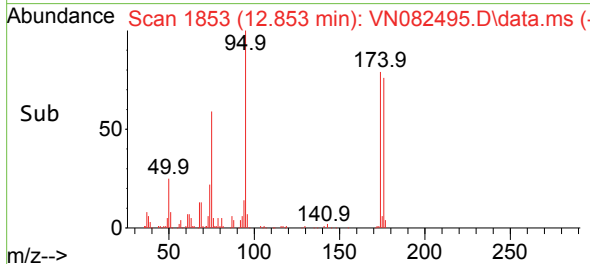
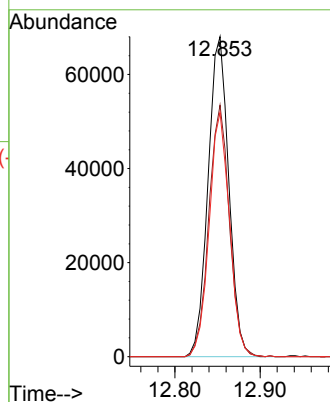
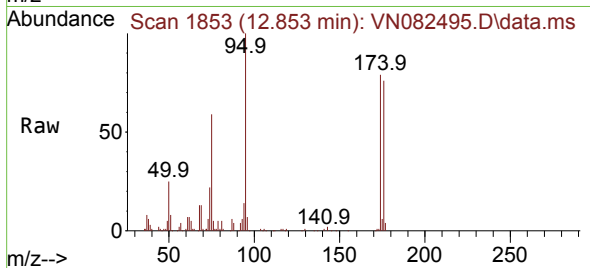




#62
4-Bromofluorobenzene
Concen: 47.165 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

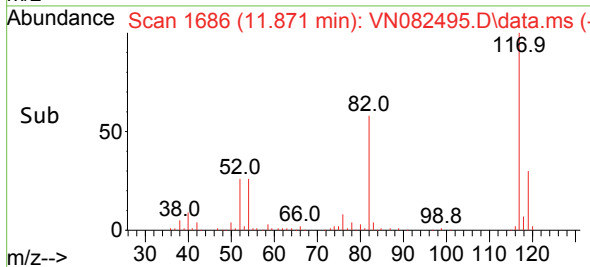
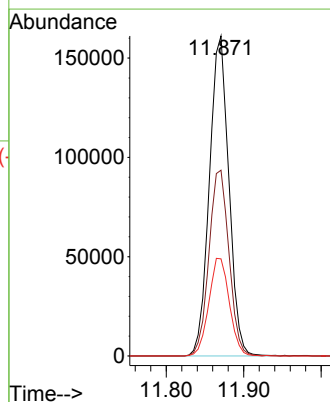
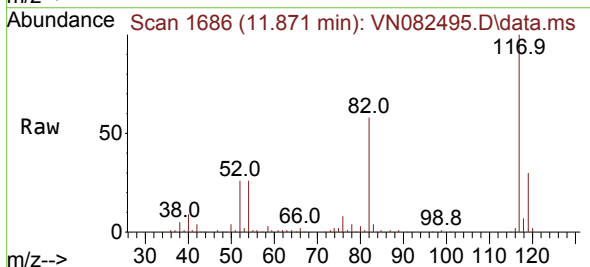
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-220-222

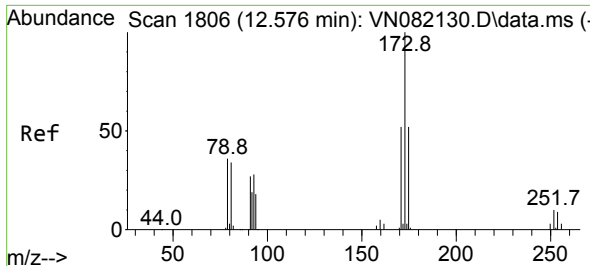
Tgt Ion: 95 Resp: 114945
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.6
176 74.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 117 Resp: 280921
Ion Ratio Lower Upper
117 100
82 58.1 44.6 66.8
119 30.4 25.9 38.9

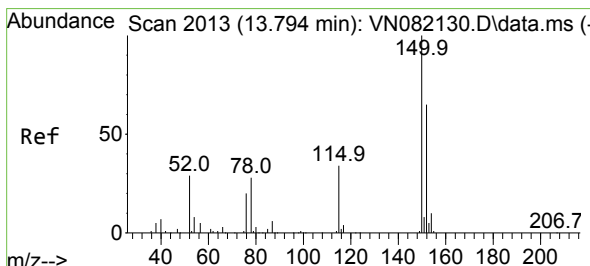
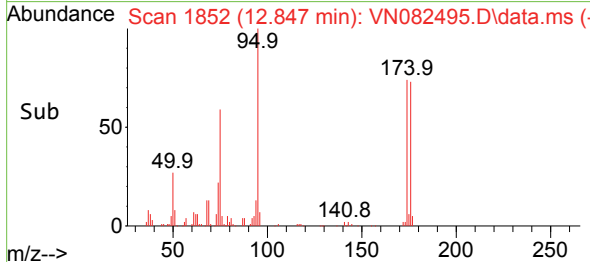
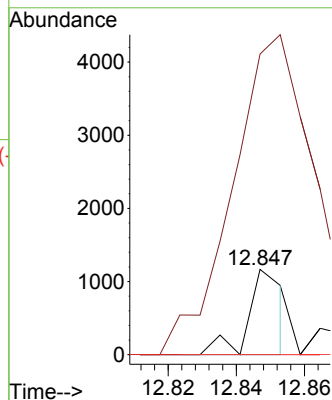
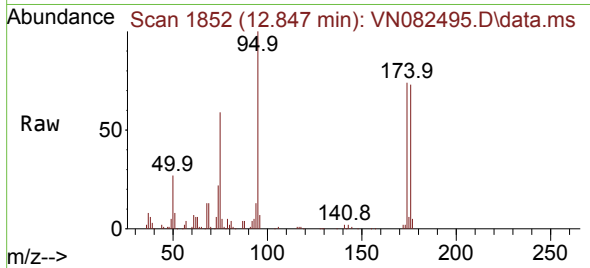




#71
Bromoform
Concen: 1.212 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

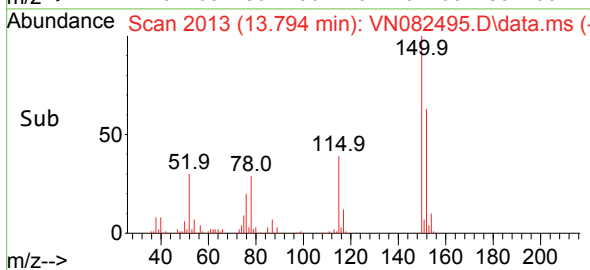
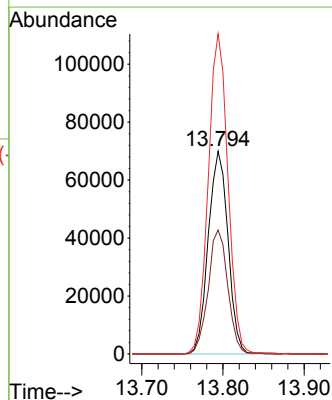
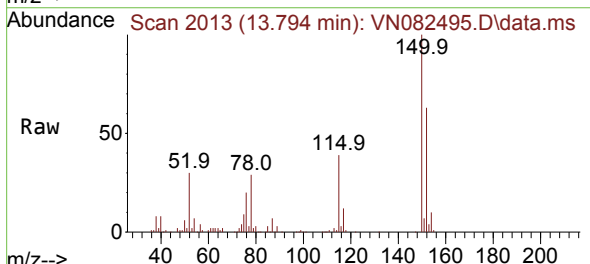
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-220-222

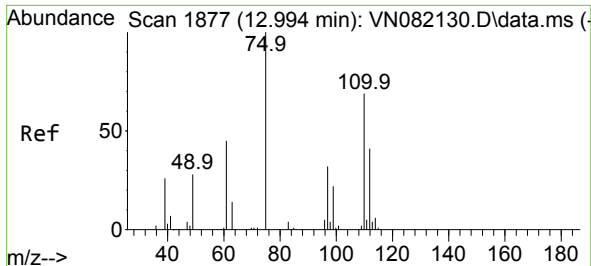
Tgt Ion:173 Resp: 842
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion:152 Resp: 118248
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 157.1 0.0 353.2

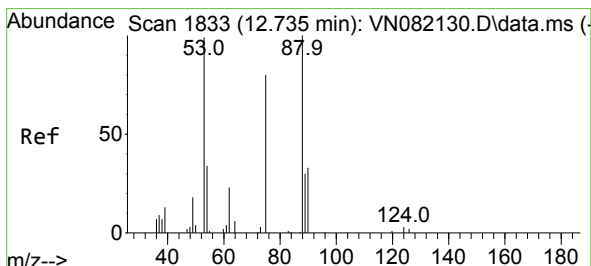
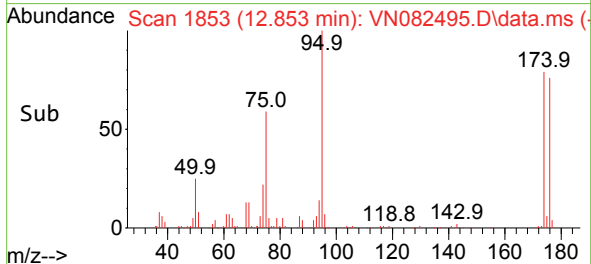
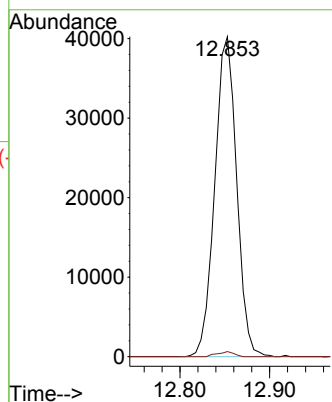
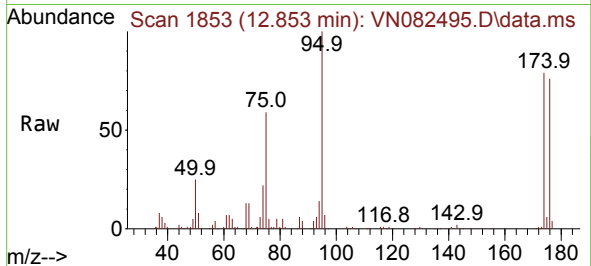




#76
1,2,3-Trichloropropane
Concen: 27.356 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-220-222

Tgt Ion: 75 Resp: 68086
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.986 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082495.D
Acq: 07 Jun 2024 16:13

Tgt Ion: 75 Resp: 68086
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

