

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082499.D
 Acq On : 07 Jun 2024 17:51
 Operator : JC\MD
 Sample : P2772-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-58-60

Quant Time: Jun 08 01:01:20 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)

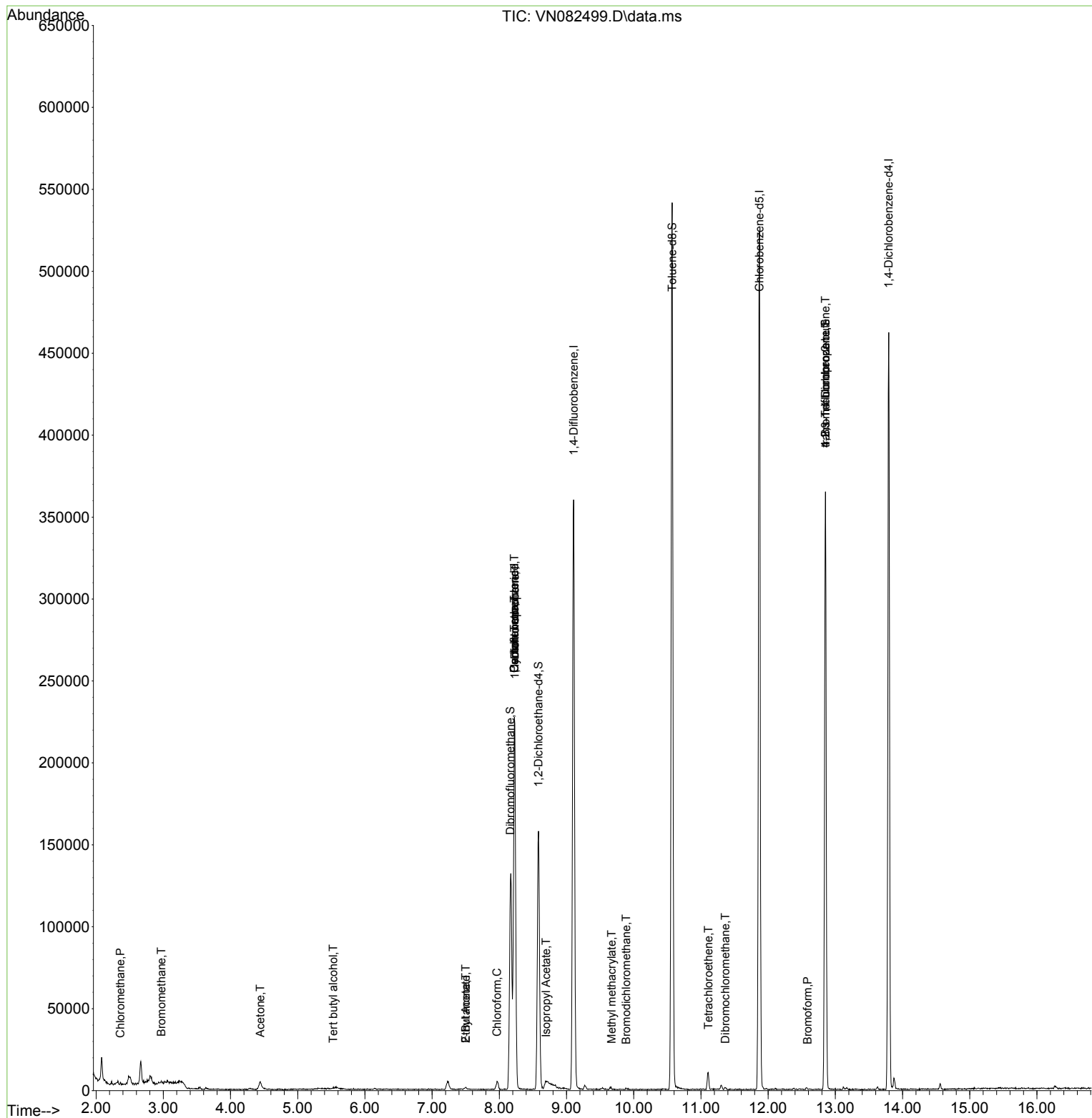
Internal Standards						
1) Pentafluorobenzene	8.224	168	156168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130641	52.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	8.165	113	93842	52.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	10.571	98	351972	51.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.853	95	116719	48.069	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.140%			
Target Compounds					Qvalue	
3) Chloromethane	2.360	50	983	0.385	ug/l #	86
5) Bromomethane	2.971	94	403	0.292	ug/l #	3
11) Tert butyl alcohol	5.530	59	85	0.215	ug/l #	71
16) Acetone	4.442	43	9106	9.002	ug/l #	86
25) 2-Butanone	7.500	43	2337	1.524	ug/l #	76
28) Bromochloromethane	7.953	49	116	Below Cal	#	10
30) Chloroform	7.965	83	4837	1.289	ug/l	89
31) Cyclohexane	8.224	56	4797	1.218	ug/l #	57
36) 1,1-Dichloropropene	8.230	75	14759	4.959	ug/l #	48
37) Ethyl Acetate	7.500	43	2337	0.702	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17125	5.677	ug/l #	17
43) Isopropyl Acetate	8.694	43	3443	0.583	ug/l #	52
47) Bromodichloromethane	9.888	83	658	0.207	ug/l #	25
48) Methyl methacrylate	9.671	41	621	0.221	ug/l #	30
60) Dibromochloromethane	11.365	129	519	0.243	ug/l #	43
64) Tetrachloroethene	11.112	164	2599	1.246	ug/l #	77
71) Bromoform	12.588	173	157	0.796	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	68227	27.797	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68227	65.016	ug/l #	13

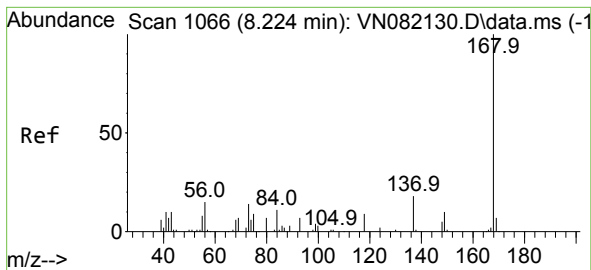
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 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: VN082499.D

Acq: 07 Jun 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

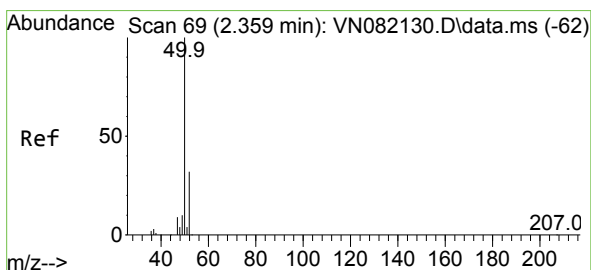
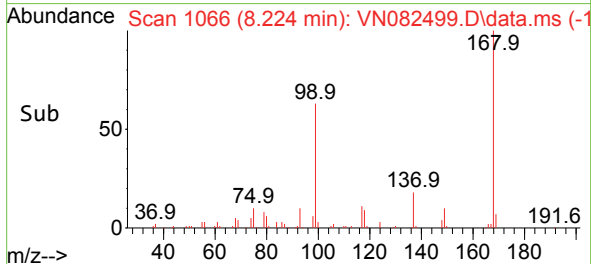
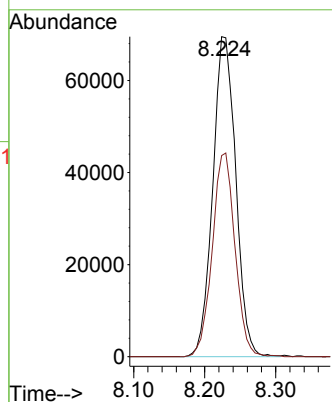
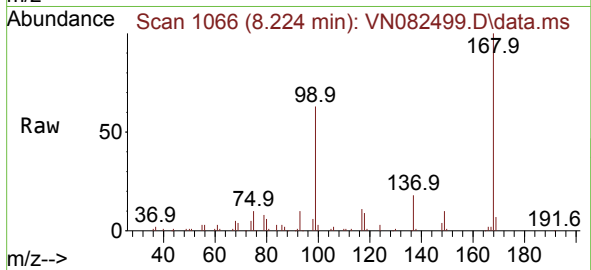
BP-VPB-189-GW-58-60

Tgt Ion:168 Resp: 156168

Ion Ratio Lower Upper

168 100

99 62.9 48.2 72.4



#3

Chloromethane

Concen: 0.385 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082499.D

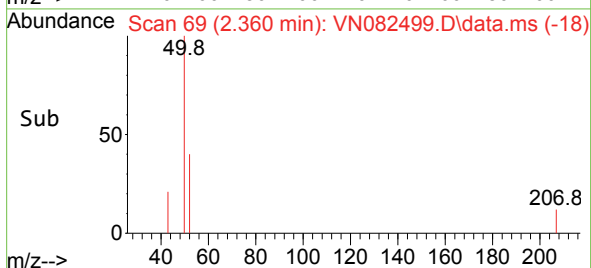
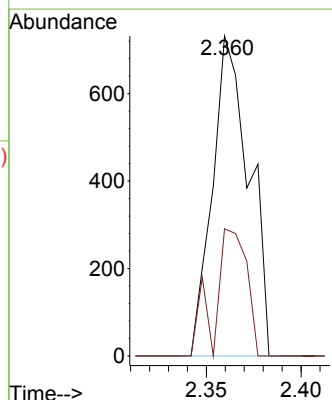
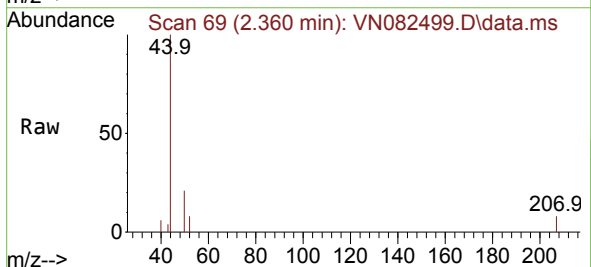
Acq: 07 Jun 2024 17:51

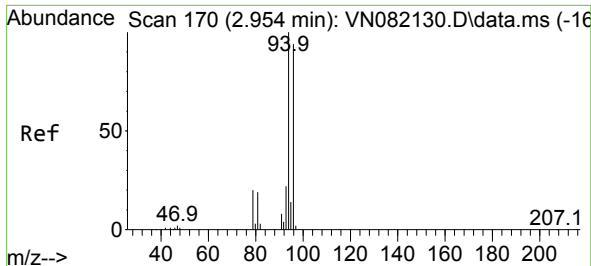
Tgt Ion: 50 Resp: 983

Ion Ratio Lower Upper

50 100

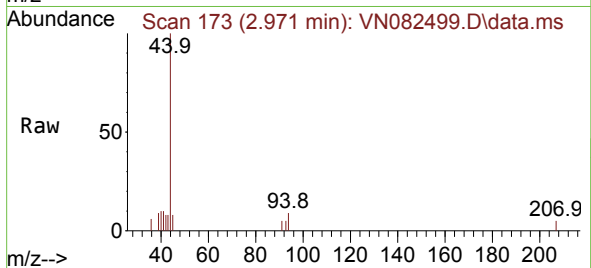
52 39.8 25.5 38.3#



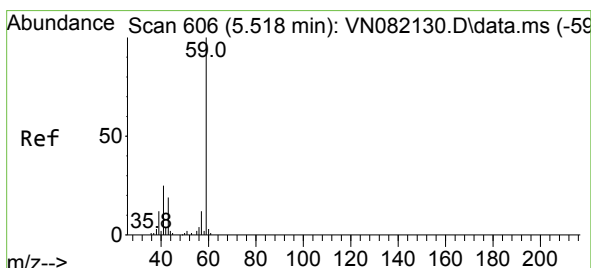
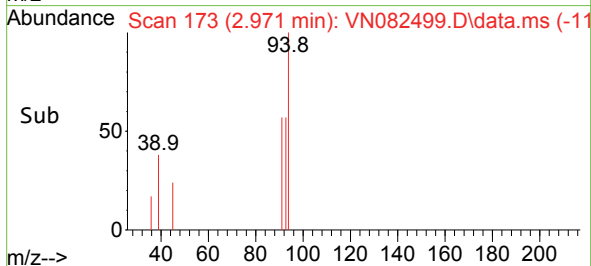
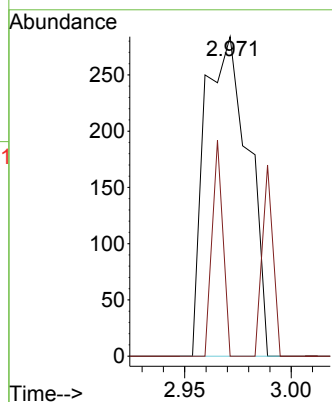


#5
Bromomethane
Concen: 0.292 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

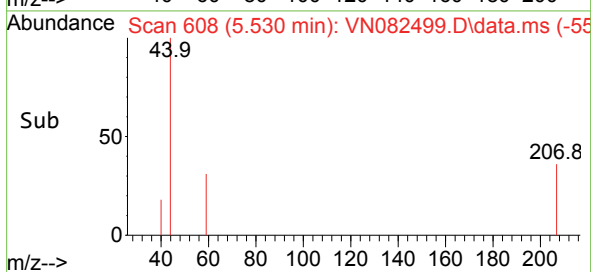
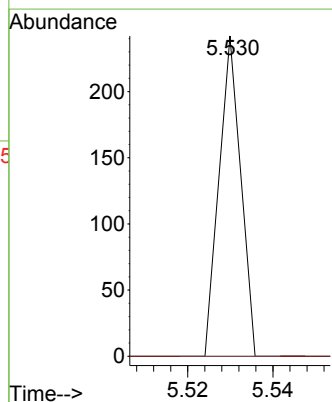
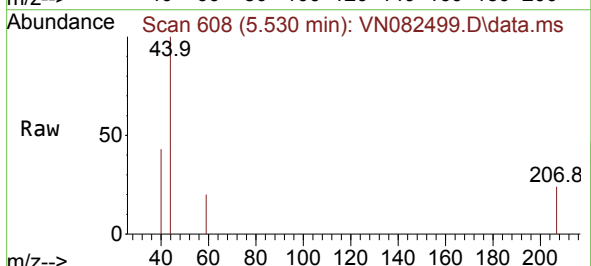


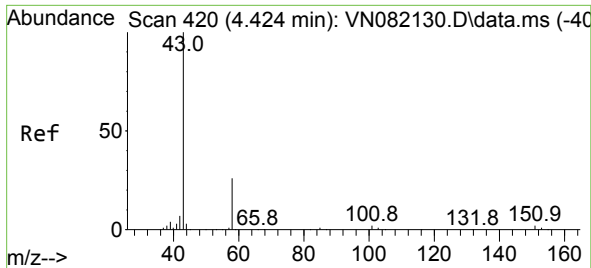
Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#11
Tert butyl alcohol
Concen: 0.215 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

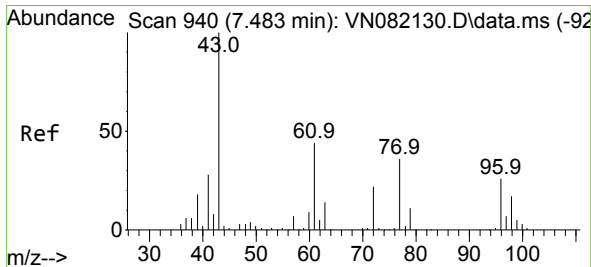
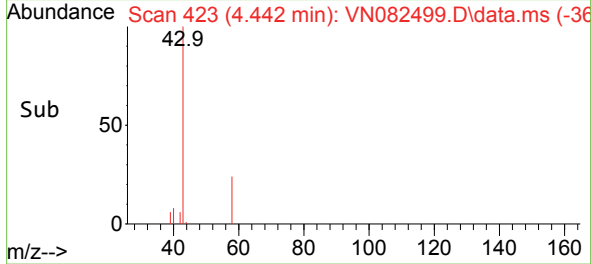
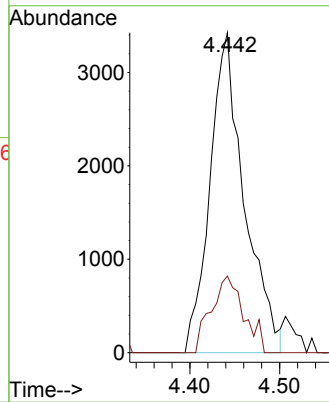
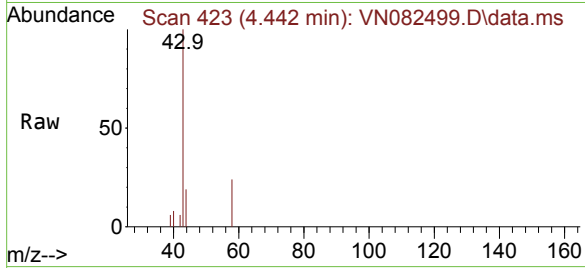




#16
Acetone
Concen: 9.002 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

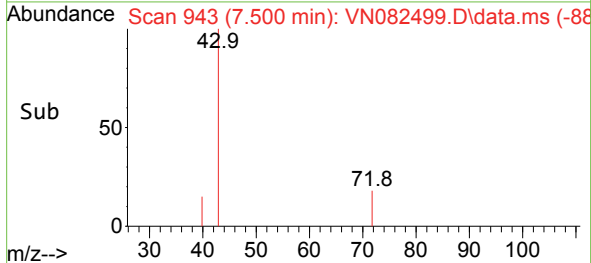
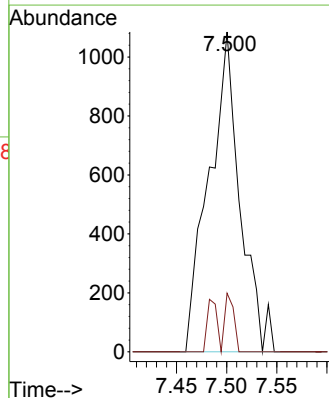
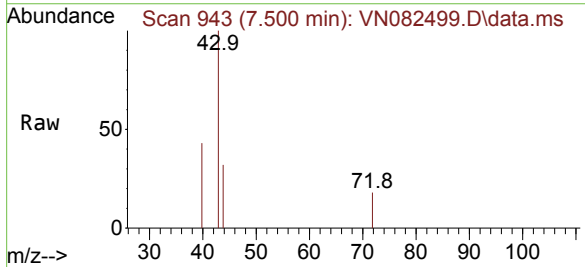
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

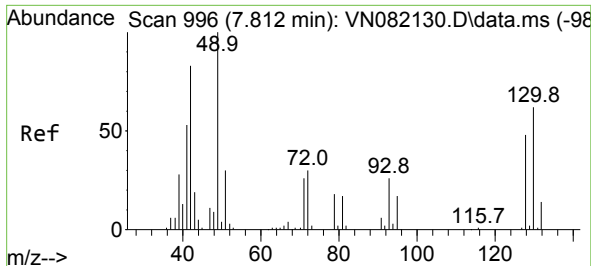
Tgt Ion: 43 Resp: 9106
Ion Ratio Lower Upper
43 100
58 23.9 25.2 37.8#



#25
2-Butanone
Concen: 1.524 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
72 18.3 25.3 37.9#

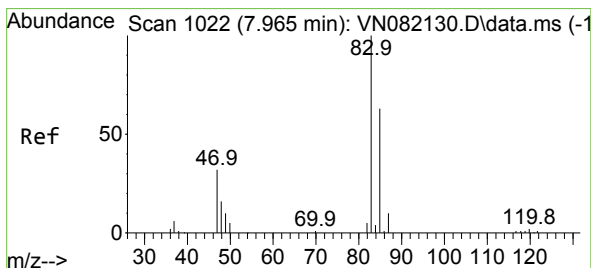
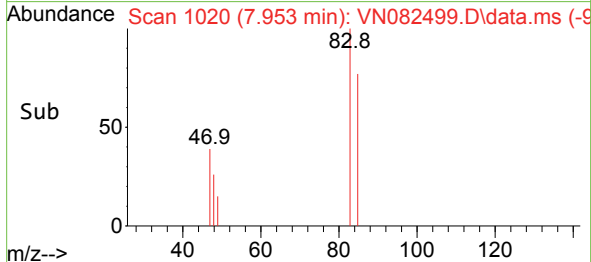
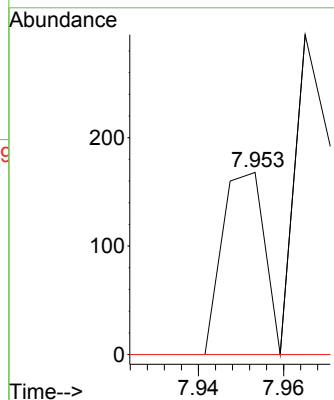
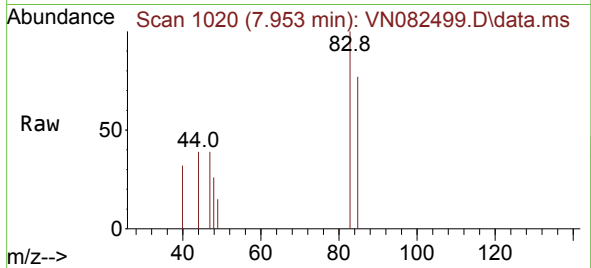




#28
Bromochloromethane
Concen: Below Cal
RT: 7.953 min Scan# 1020
Delta R.T. 0.141 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

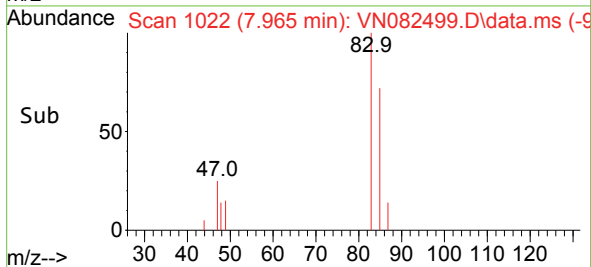
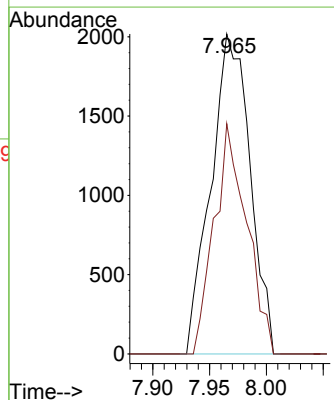
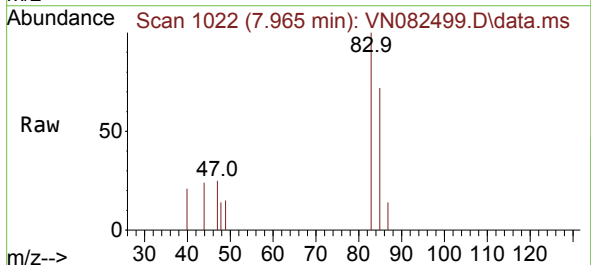
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

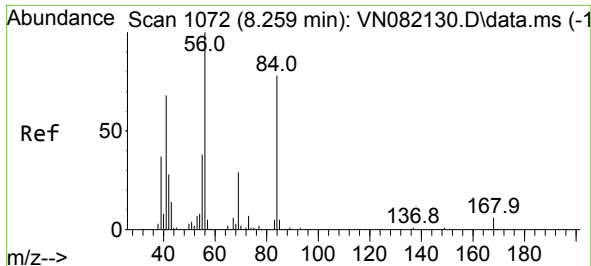
Tgt Ion: 49 Resp: 116
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 66.7 100.1#



#30
Chloroform
Concen: 1.289 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Tgt Ion: 83 Resp: 4837
Ion Ratio Lower Upper
83 100
85 72.0 50.7 76.1

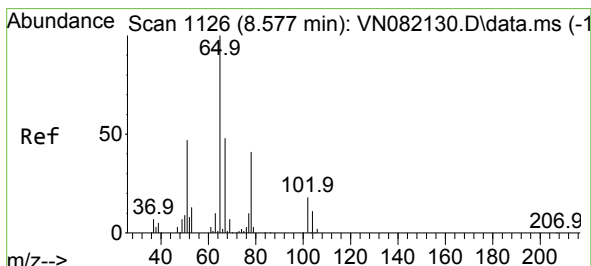
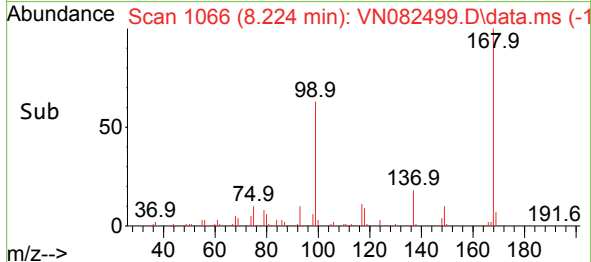
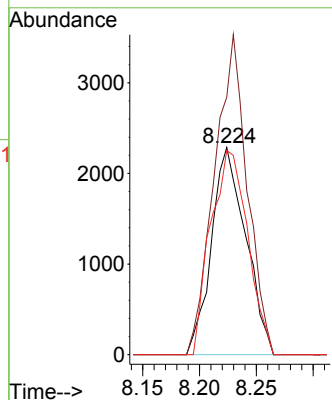
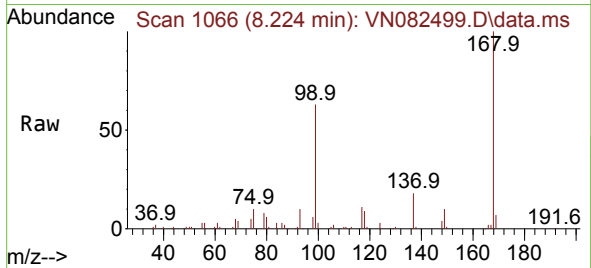




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

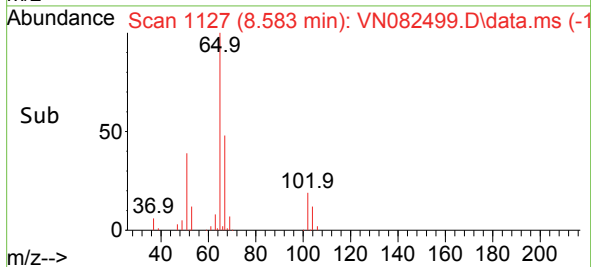
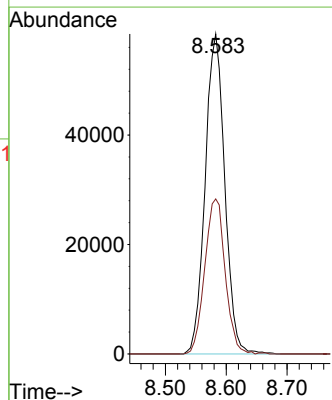
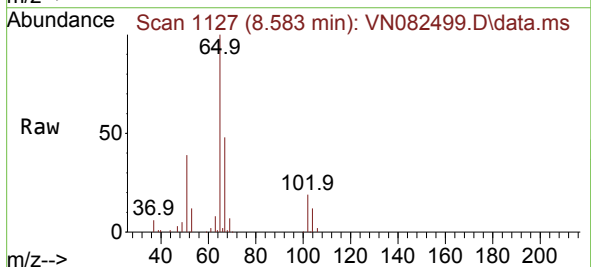
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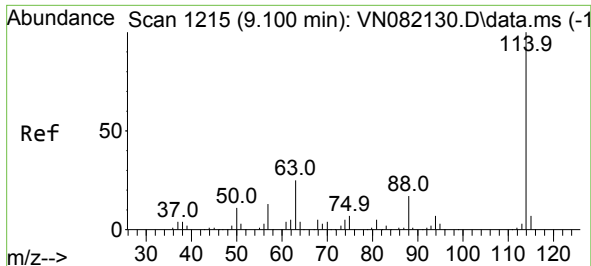
Tgt Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 124.3 24.4 36.6#
84 98.5 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.978 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Tgt Ion: 65 Resp: 130641
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

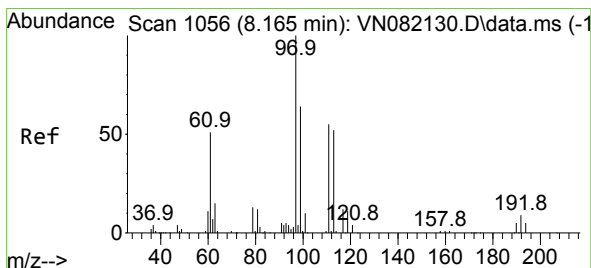
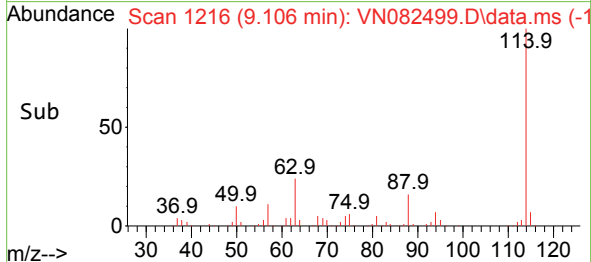
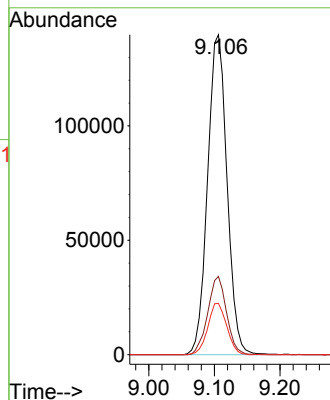
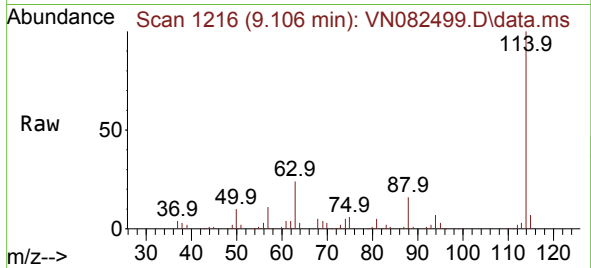




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

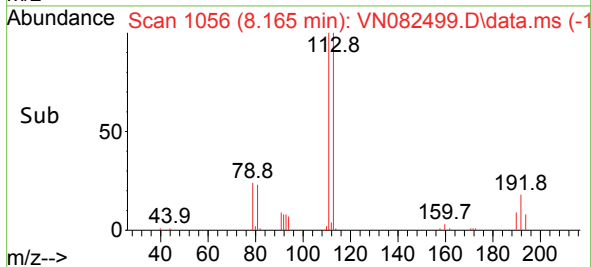
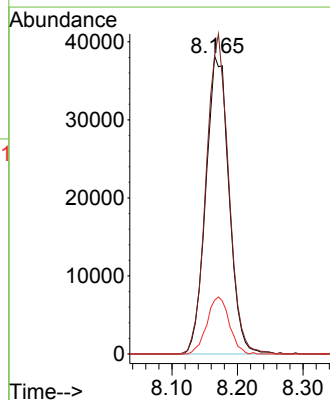
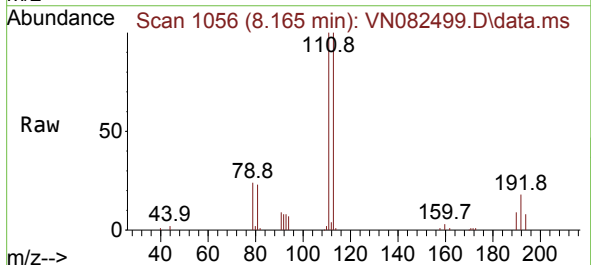
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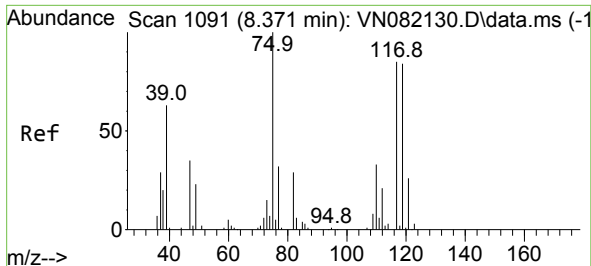
Tgt Ion:114 Resp: 288454
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.886 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

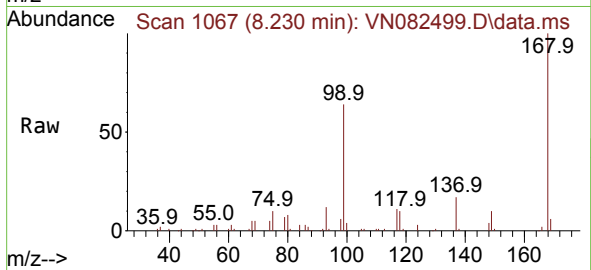
Tgt Ion:113 Resp: 93842
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 18.4 14.0 21.0



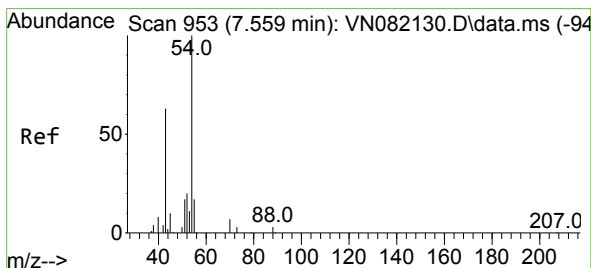
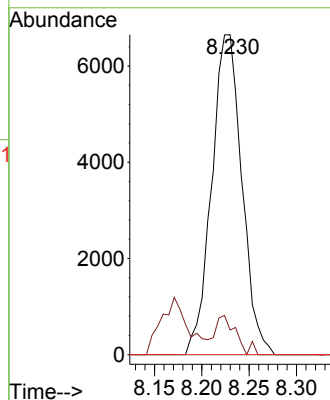
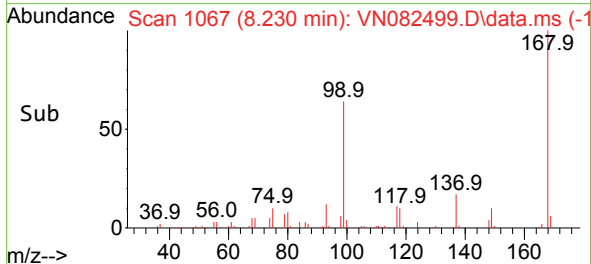


#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Instrument :
MSVOA_N
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BP-VPB-189-GW-58-60

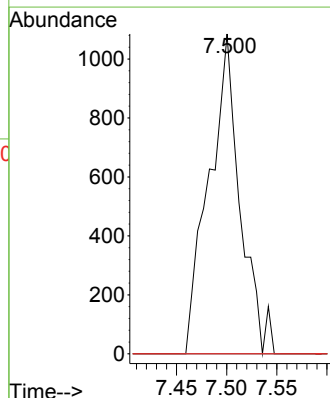
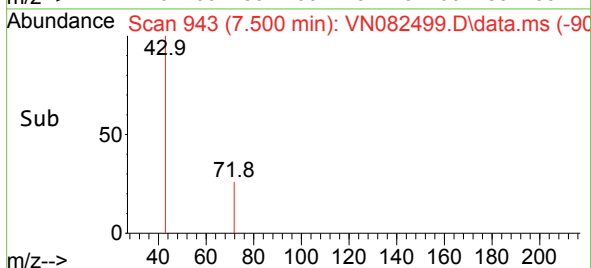
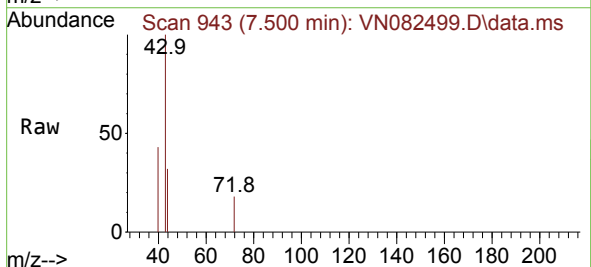


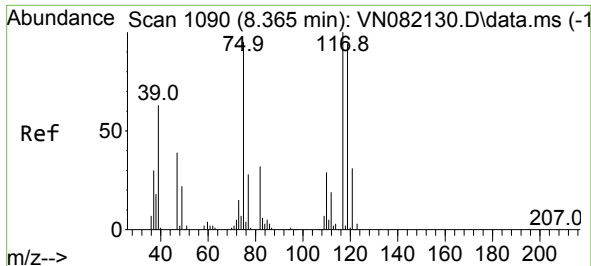
Tgt Ion: 75 Resp: 14759
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.702 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.059 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

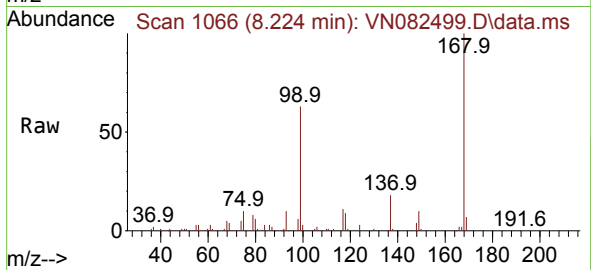
Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



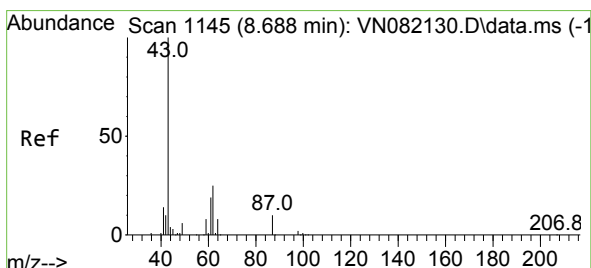
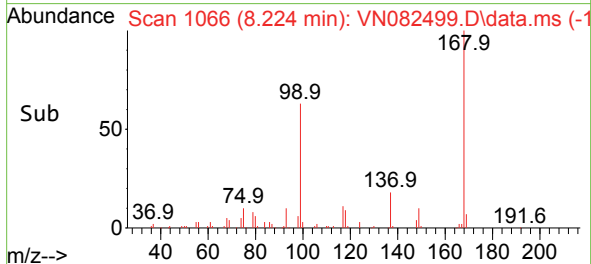
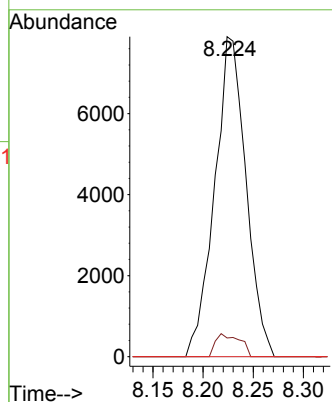


#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

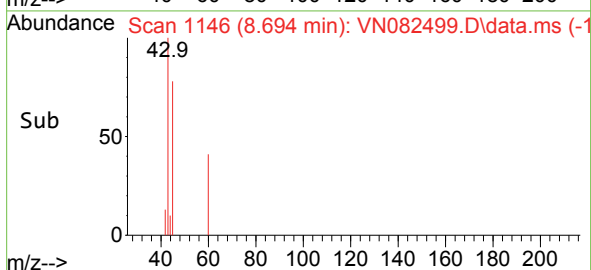
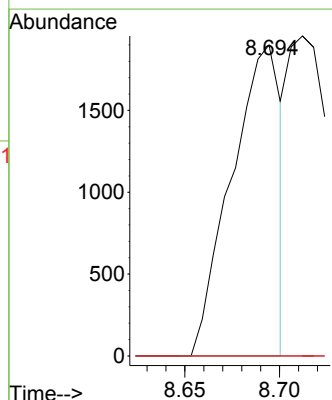
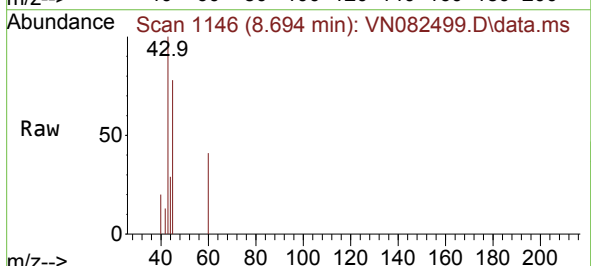


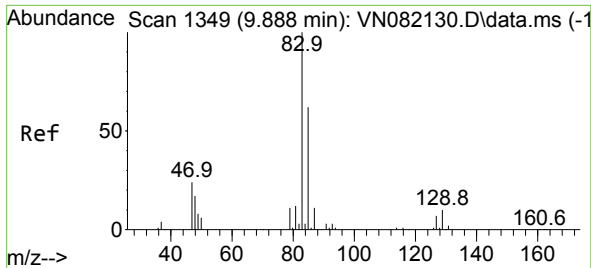
Tgt Ion:117 Resp: 17125
Ion Ratio Lower Upper
117 100
119 5.8 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.583 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Tgt Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

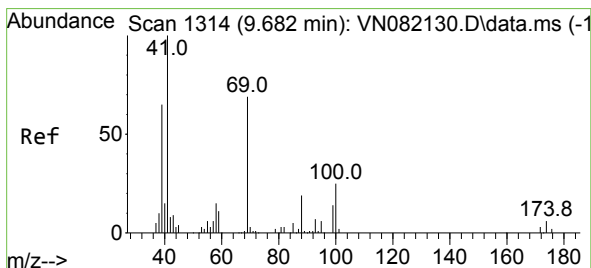
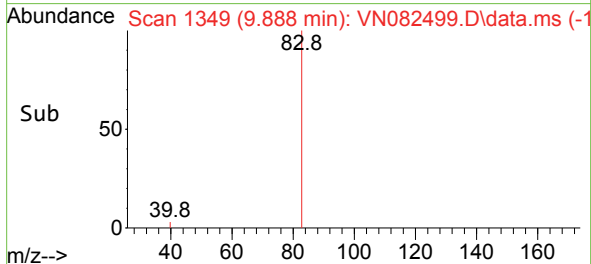
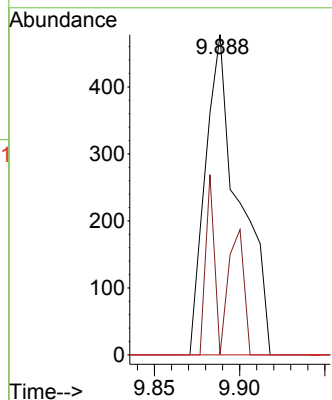
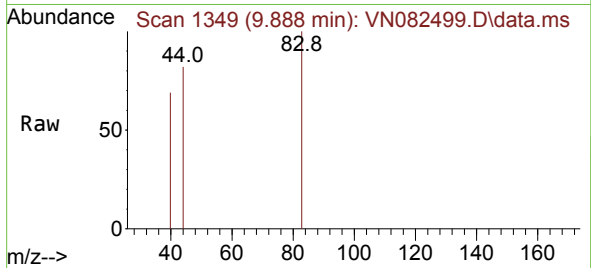




#47
Bromodichloromethane
Concen: 0.207 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

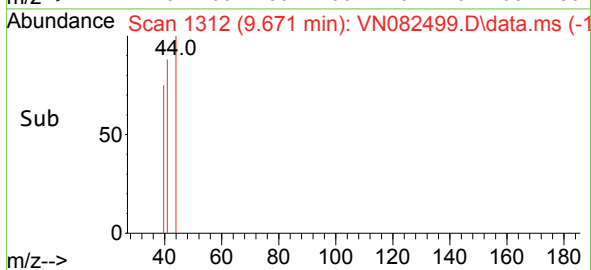
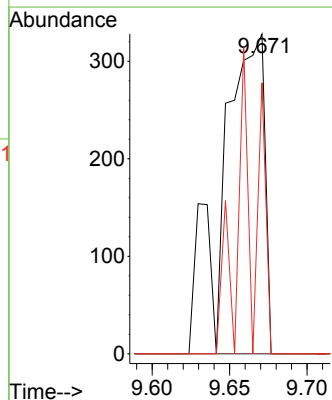
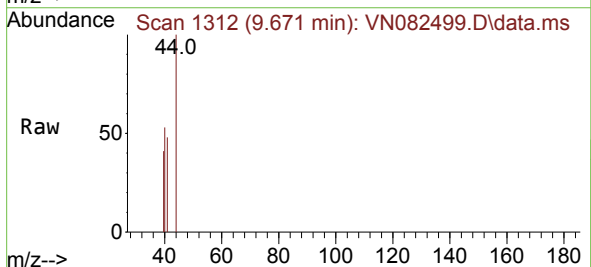
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

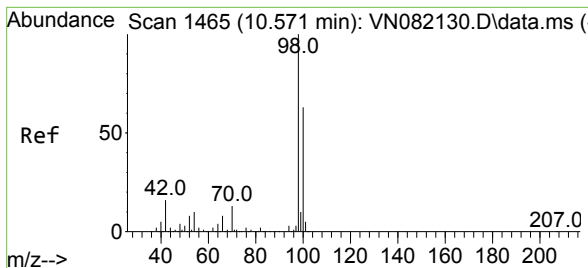
Tgt Ion: 83 Resp: 658
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#
127 0.0 7.5 11.3#



#48
Methyl methacrylate
Concen: 0.221 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.012 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

Tgt Ion: 41 Resp: 621
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 42.5 50.9 76.3#





#50

Toluene-d8

Concen: 51.737 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082499.D

Acq: 07 Jun 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

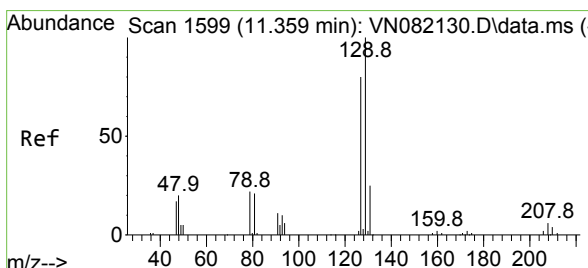
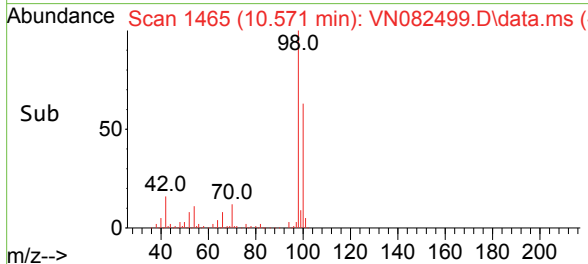
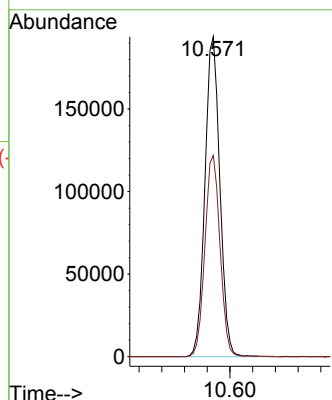
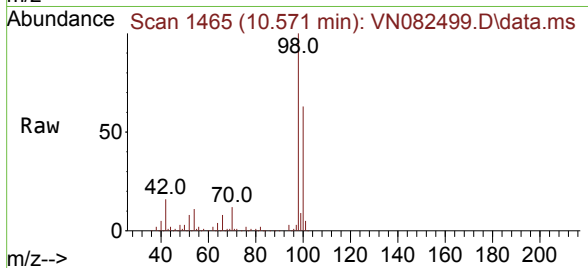
BP-VPB-189-GW-58-60

Tgt Ion: 98 Resp: 351972

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



#60

Dibromochloromethane

Concen: 0.243 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VN082499.D

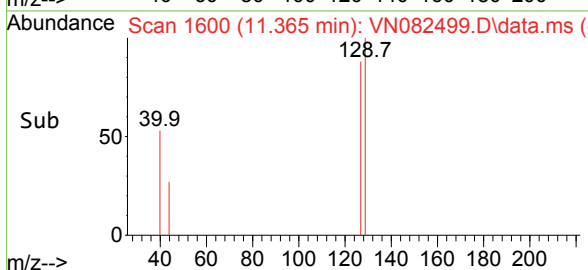
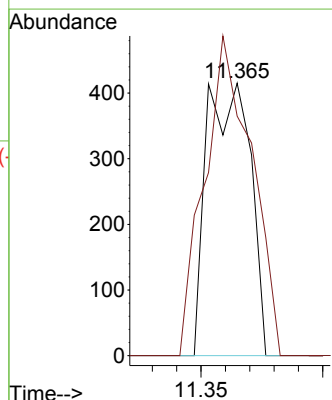
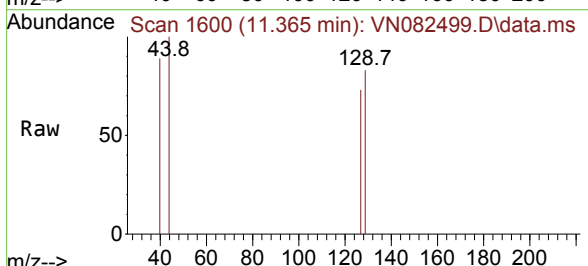
Acq: 07 Jun 2024 17:51

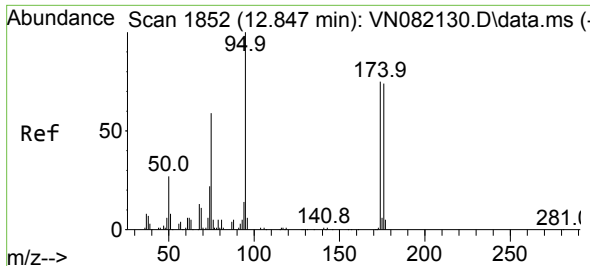
Tgt Ion: 129 Resp: 519

Ion Ratio Lower Upper

129 100

127 125.6 38.3 114.8#

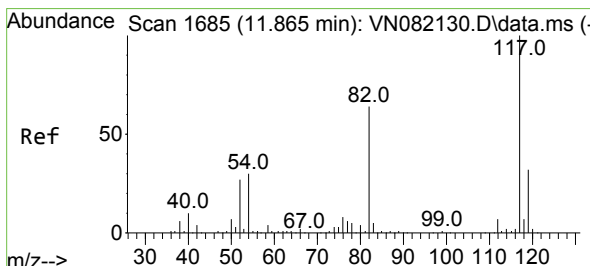
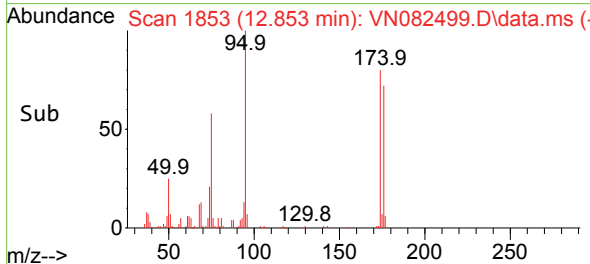
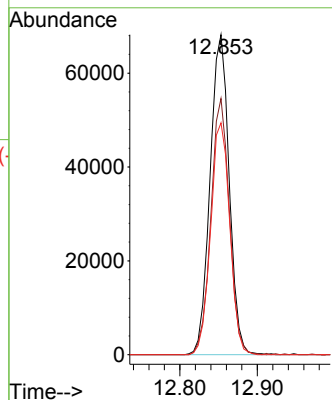
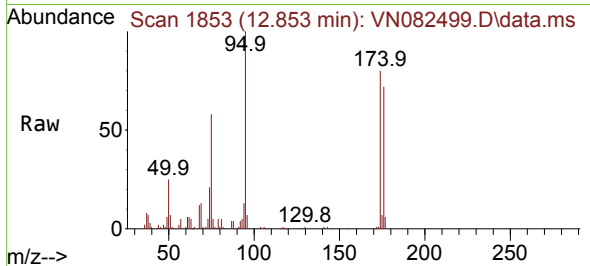




#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

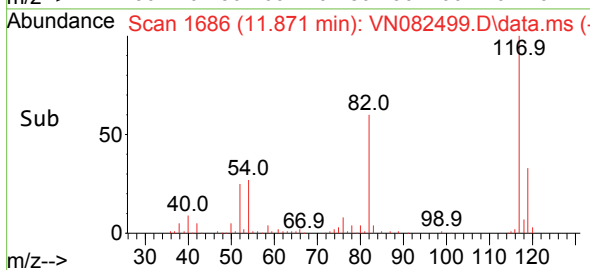
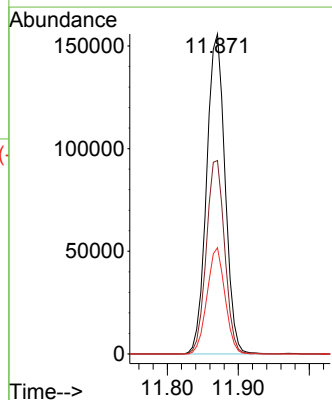
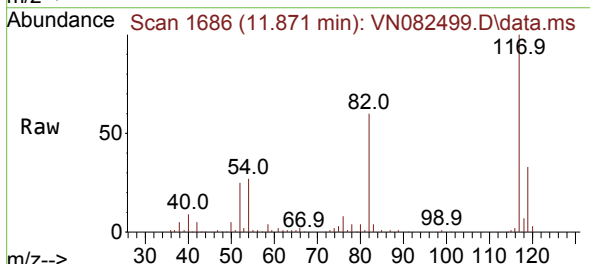
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

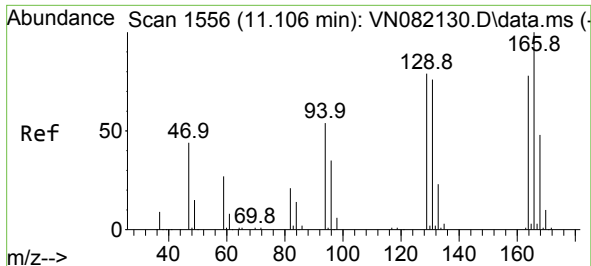
Tgt Ion: 95 Resp: 116719
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.6
176 72.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

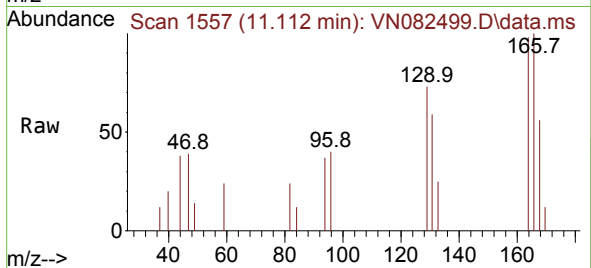
Tgt Ion: 117 Resp: 281476
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 33.2 25.9 38.9



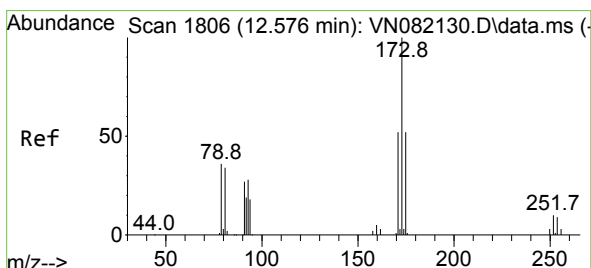
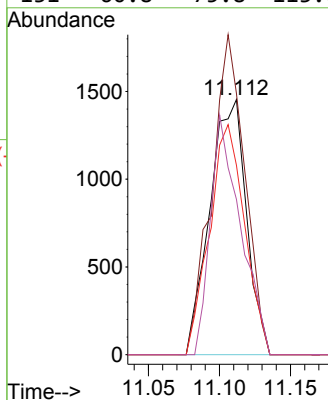
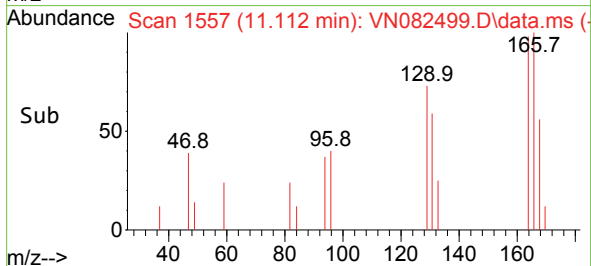


#64
Tetrachloroethene
Concen: 1.246 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

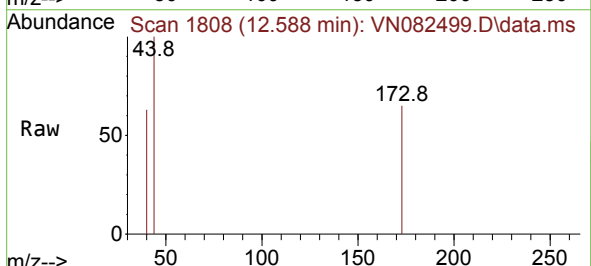
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60



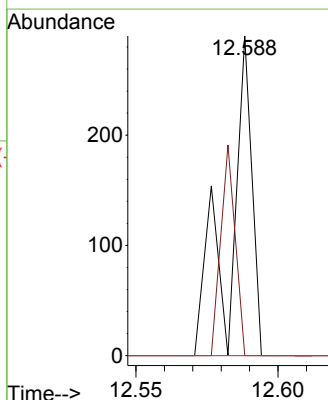
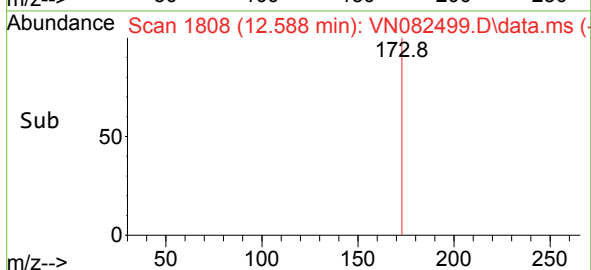
Tgt Ion:164 Resp: 2599
Ion Ratio Lower Upper
164 100
166 102.3 97.6 146.4
129 74.2 73.7 110.5
131 60.8 75.8 113.6#

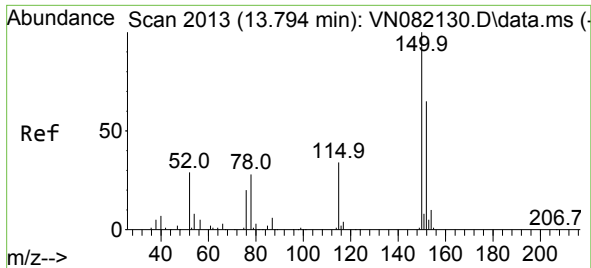


#71
Bromoform
Concen: 0.796 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51



Tgt Ion:173 Resp: 157
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

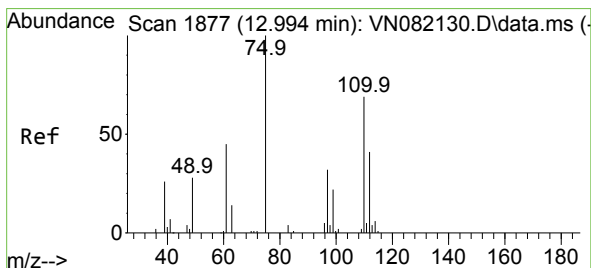
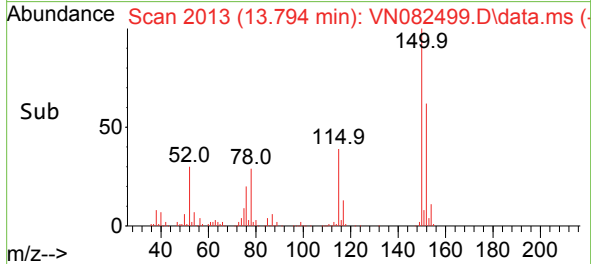
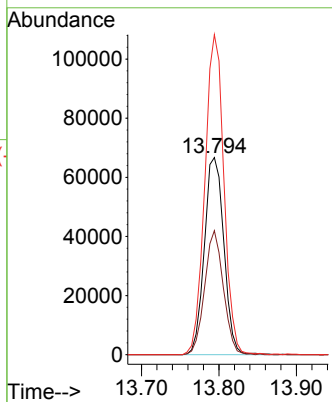
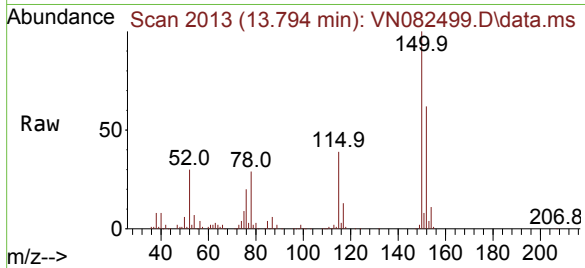




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

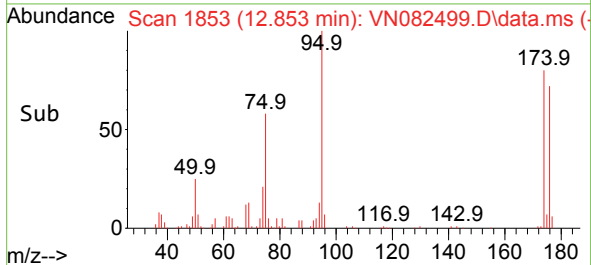
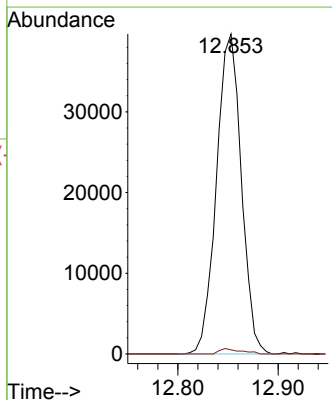
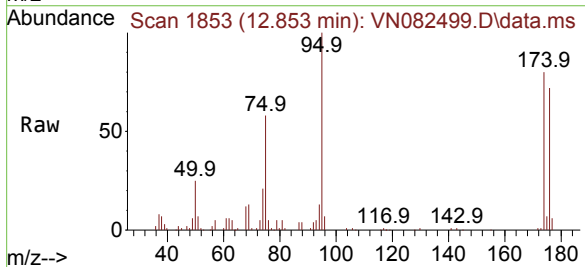
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-58-60

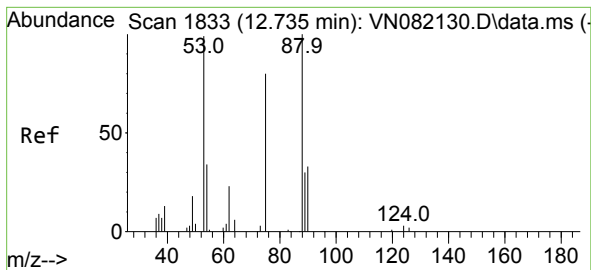
Tgt Ion:152 Resp: 116616
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 158.3 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 27.797 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082499.D
Acq: 07 Jun 2024 17:51

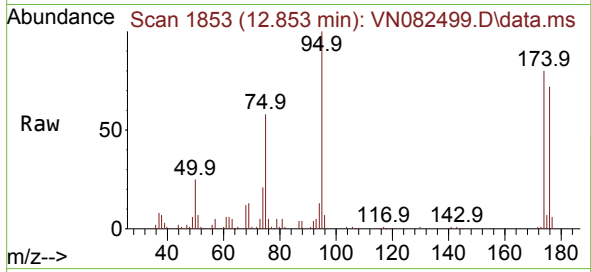
Tgt Ion: 75 Resp: 68227
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.016 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082499.D
 Acq: 07 Jun 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-58-60



Tgt Ion: 75 Resp: 68227
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.9 109.3#
 89 0.0 39.1 58.7#

