

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082885.D
 Acq On : 11 Jul 2024 18:46
 Operator : JC\MD
 Sample : P3222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-925-927

Quant Time: Jul 12 01:11:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

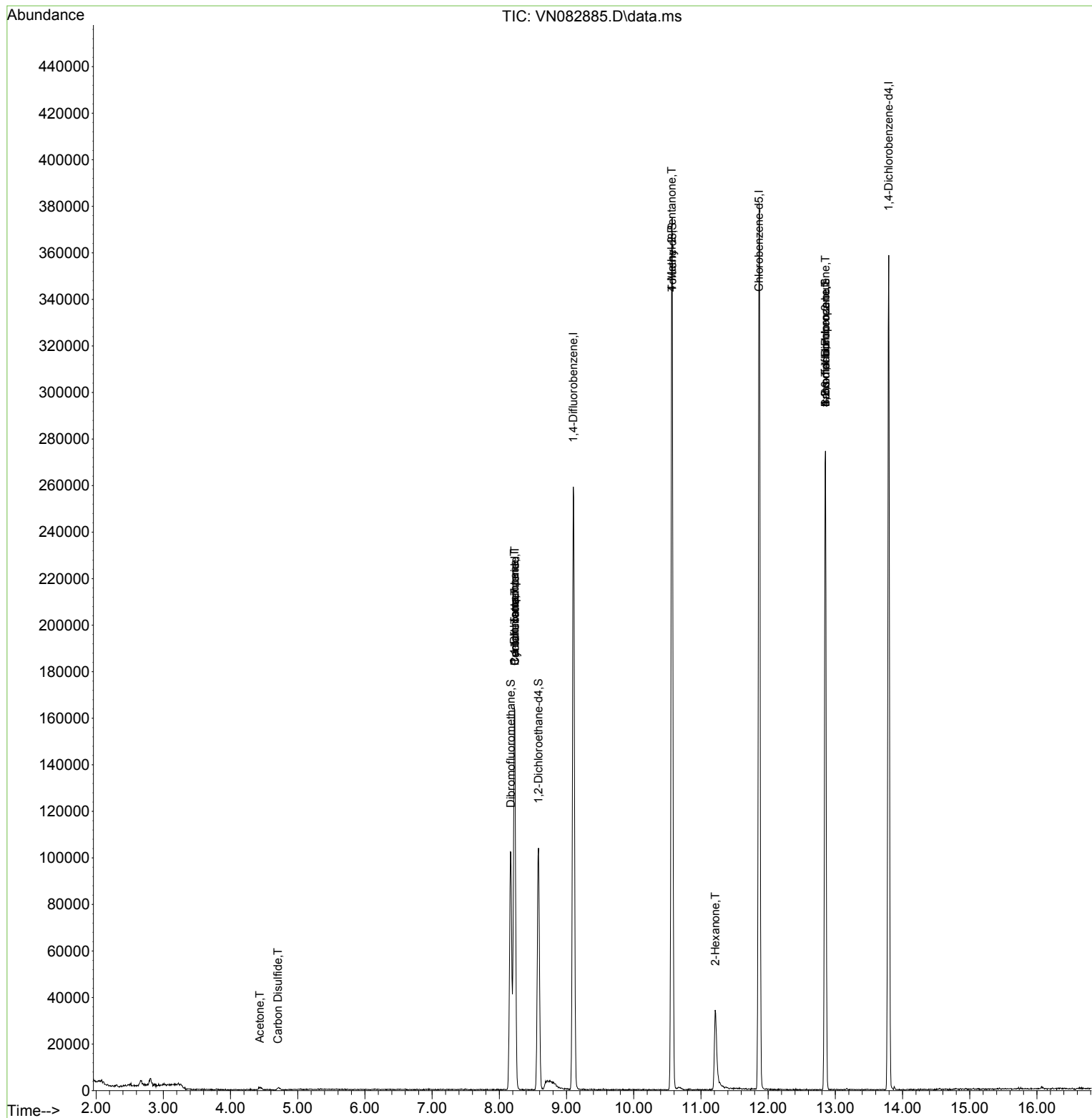
Internal Standards						
1) Pentafluorobenzene	8.230	168	116341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87818	53.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.700%	
35) Dibromofluoromethane	8.171	113	71927	50.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.540%	
50) Toluene-d8	10.571	98	258060	49.319	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.853	95	91819	48.852	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	1093	1.904	ug/l #	78
17) Carbon Disulfide	4.706	76	1463	0.412	ug/l #	75
31) Cyclohexane	8.230	56	2970	1.393	ug/l #	2
36) 1,1-Dichloropropene	8.224	75	10505	5.378	ug/l #	52
38) Carbon Tetrachloride	8.230	117	12699	5.400	ug/l #	18
43) Isopropyl Acetate	8.688	43	1838	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1467	0.744	ug/l #	1
59) 2-Hexanone	11.212	43	13487	9.202	ug/l #	42
71) Bromoform	12.853	173	760	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	52105	32.846	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	52105	64.598	ug/l #	6

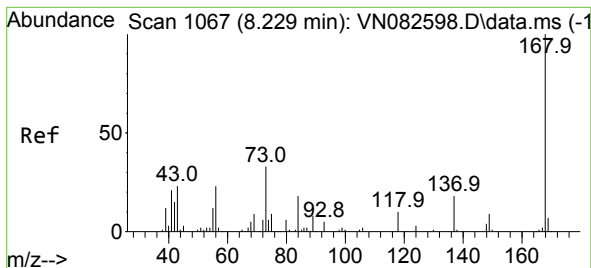
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082885.D

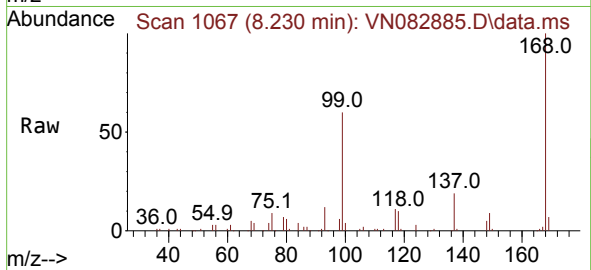
Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-925-927

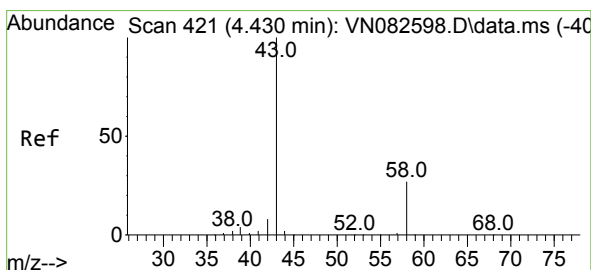
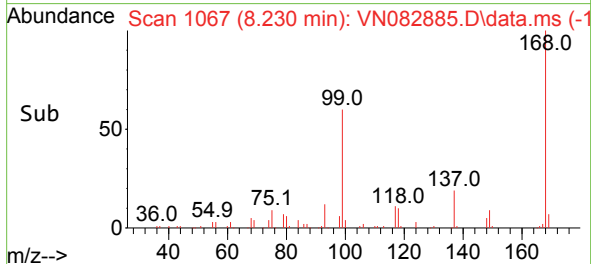
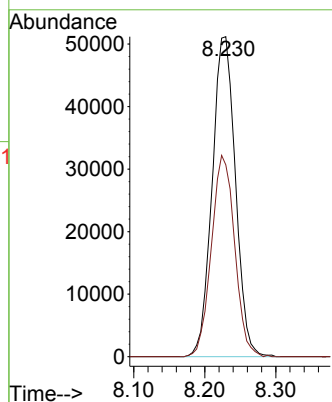


Tgt Ion:168 Resp: 116341

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



#16

Acetone

Concen: 1.904 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN082885.D

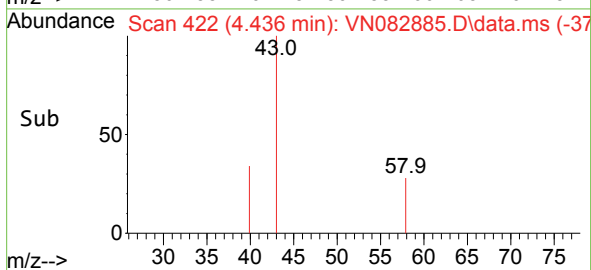
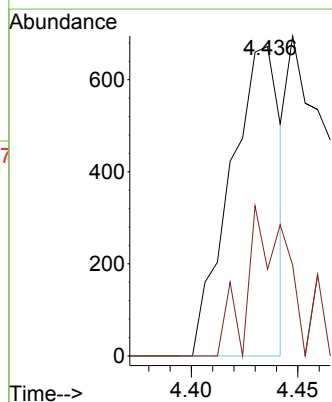
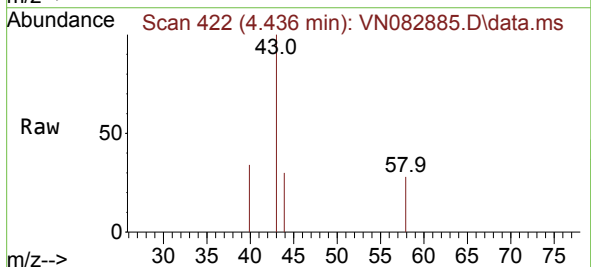
Acq: 11 Jul 2024 18:46

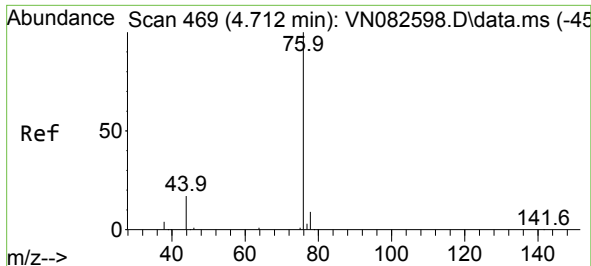
Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

58 38.7 21.8 32.6#

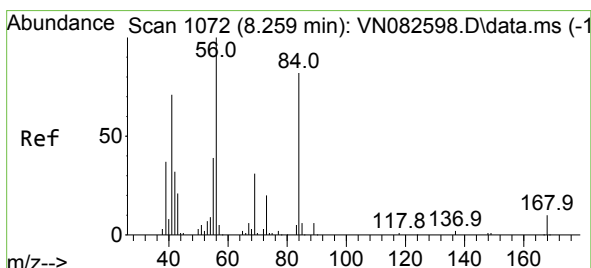
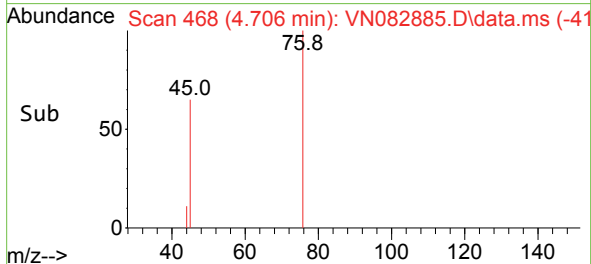
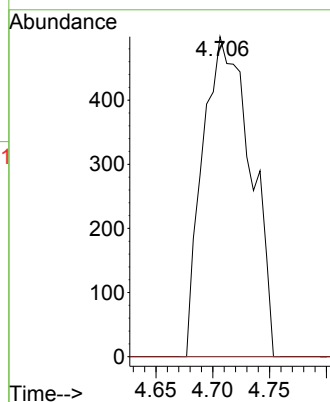
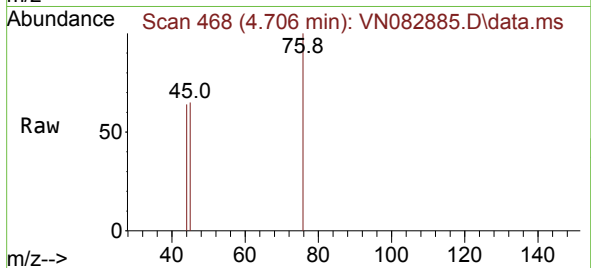




#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

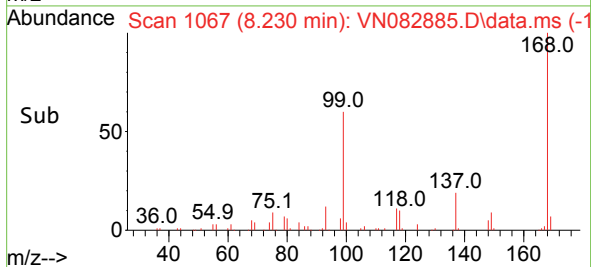
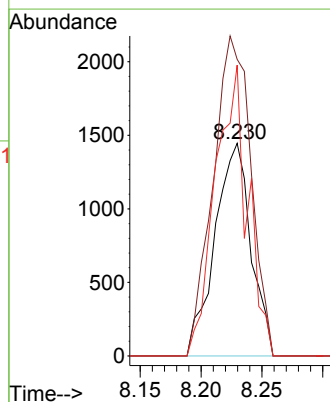
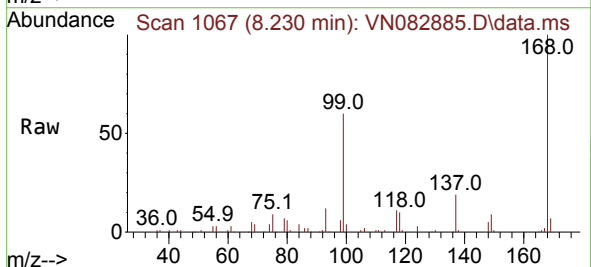
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-925-927

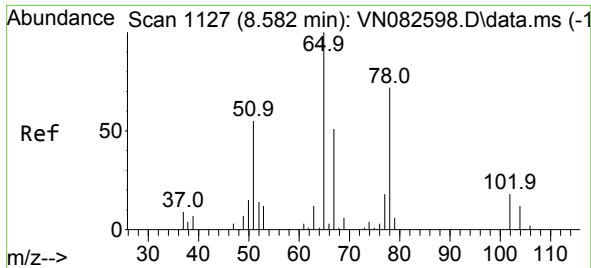
Tgt Ion: 76 Resp: 1463
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.393 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 56 Resp: 2970
Ion Ratio Lower Upper
56 100
69 139.5 24.5 36.7#
84 136.8 66.0 99.0#

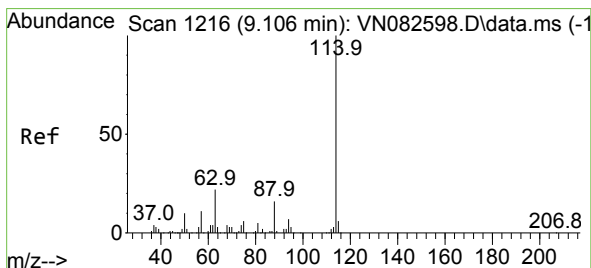
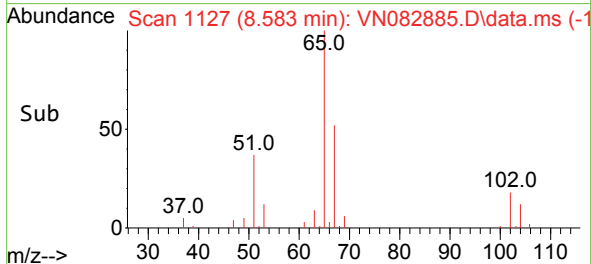
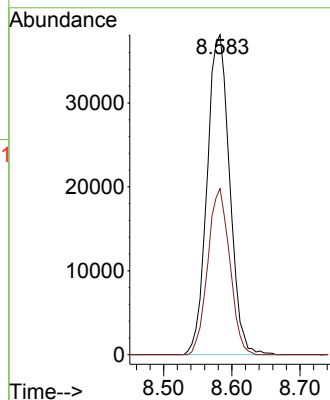
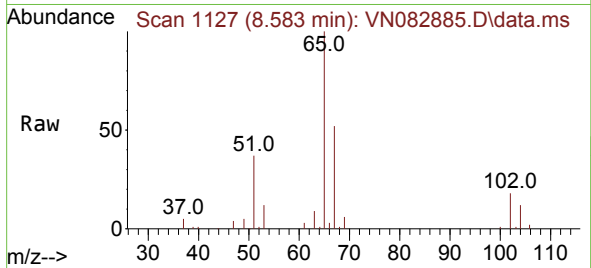




#33
 1,2-Dichloroethane-d4
 Concen: 53.848 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

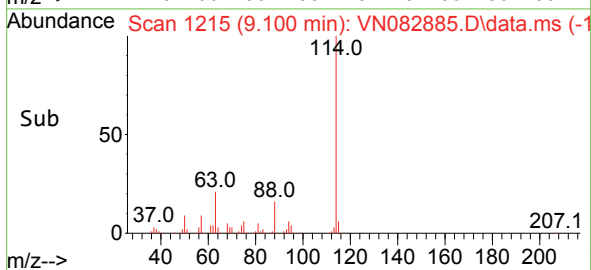
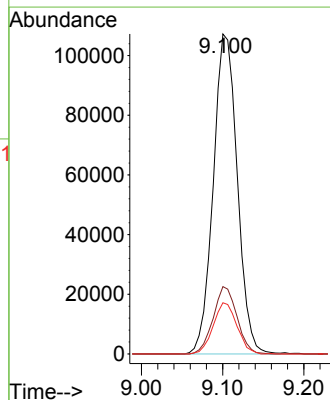
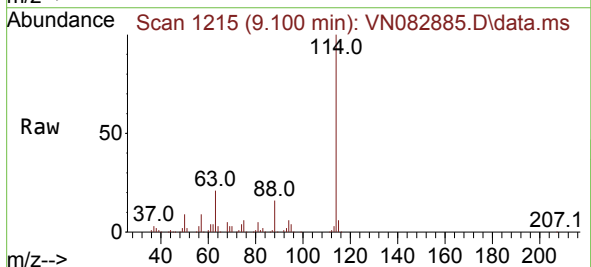
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-925-927

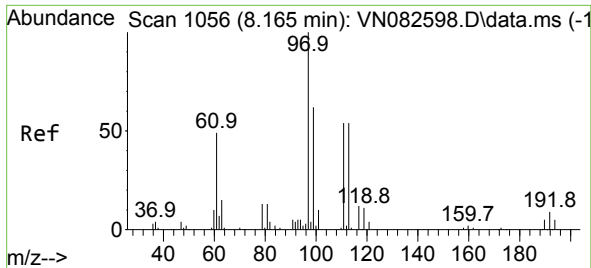
Tgt Ion: 65 Resp: 87818
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

Tgt Ion: 114 Resp: 220778
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.6
 88 16.0 0.0 31.4

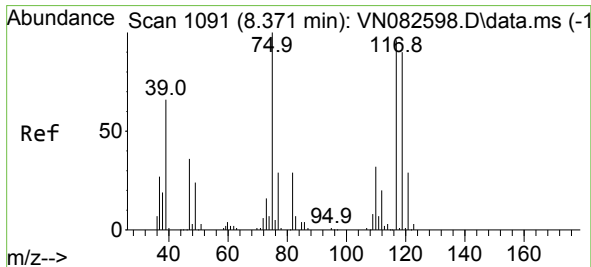
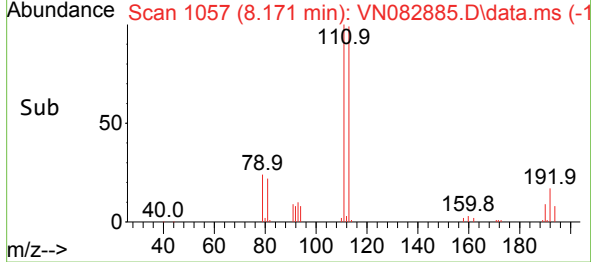
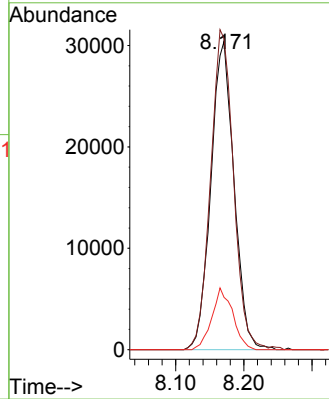
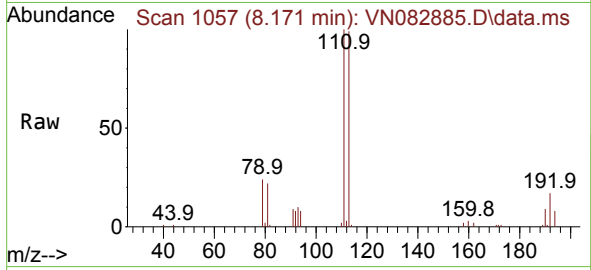




#35
Dibromofluoromethane
Concen: 50.772 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

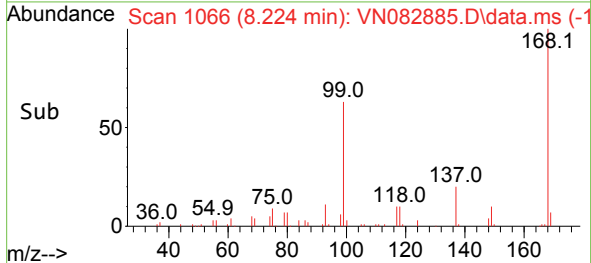
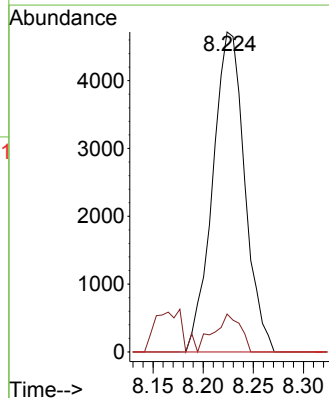
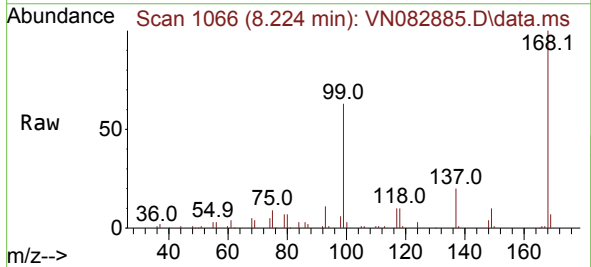
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-925-927

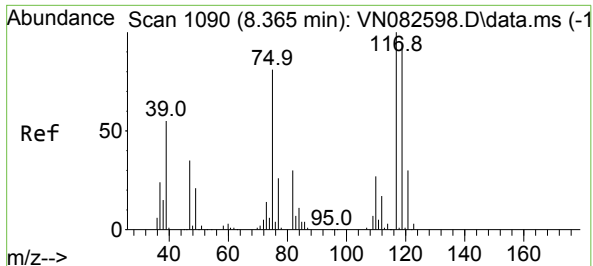
Tgt Ion:113 Resp: 71927
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.378 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

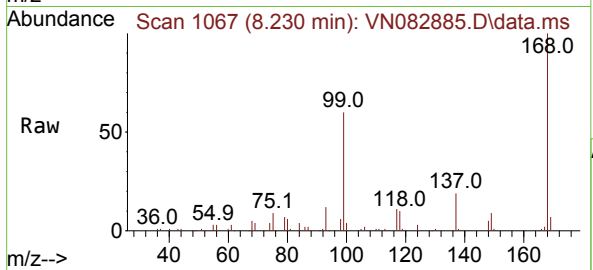
Tgt Ion: 75 Resp: 10505
Ion Ratio Lower Upper
75 100
110 9.7 16.3 48.9#
77 0.0 24.6 37.0#



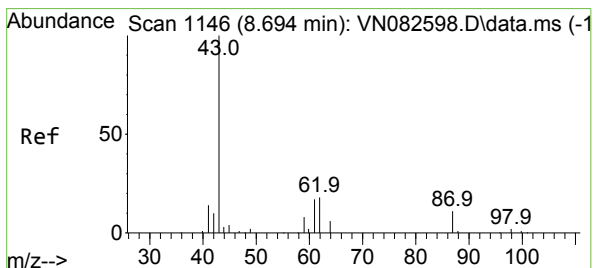
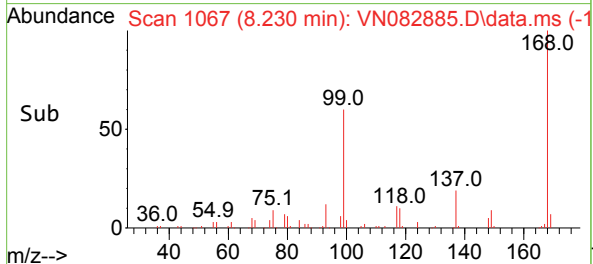
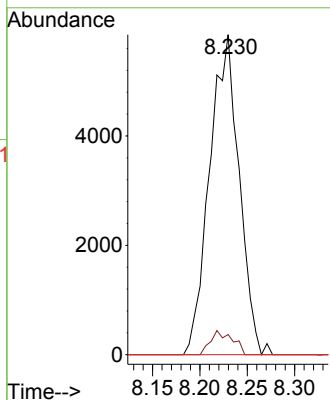


#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-925-927

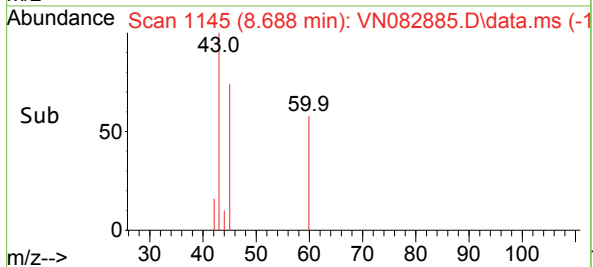
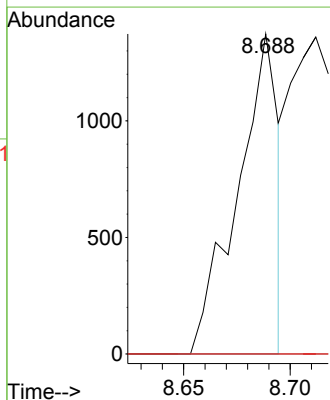
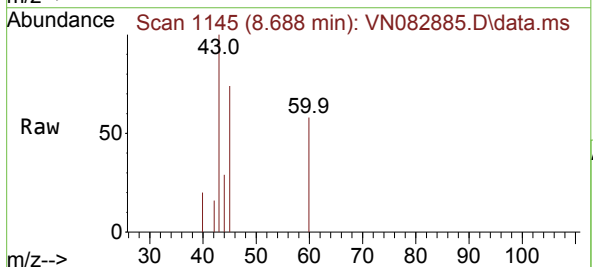


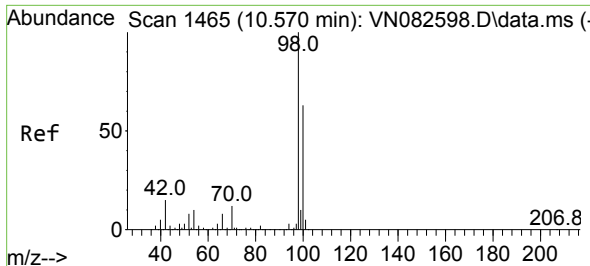
Tgt Ion:117 Resp: 12699
Ion Ratio Lower Upper
117 100
119 6.3 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

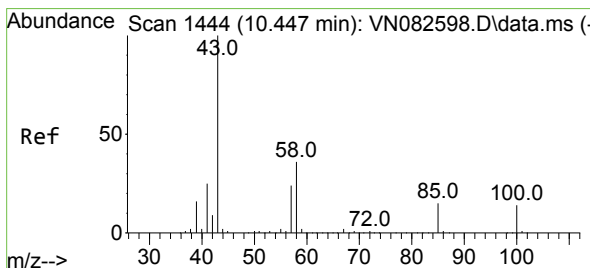
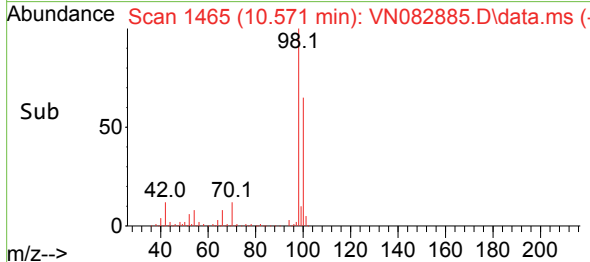
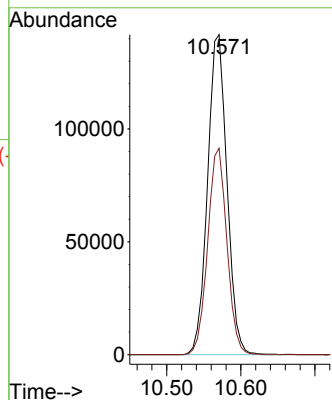
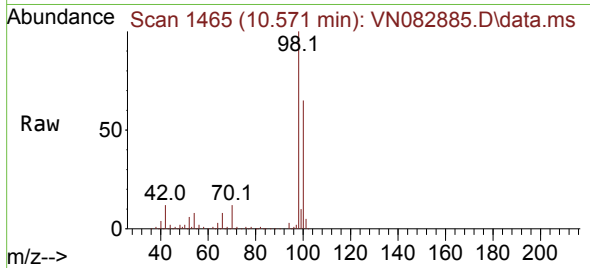




#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

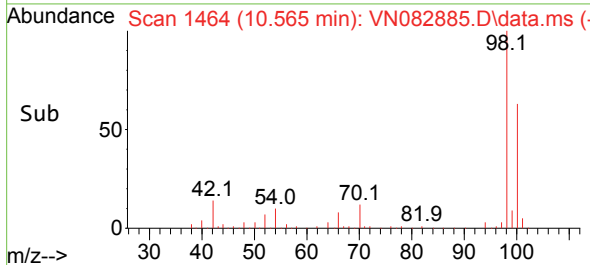
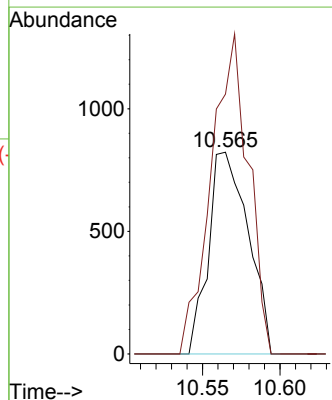
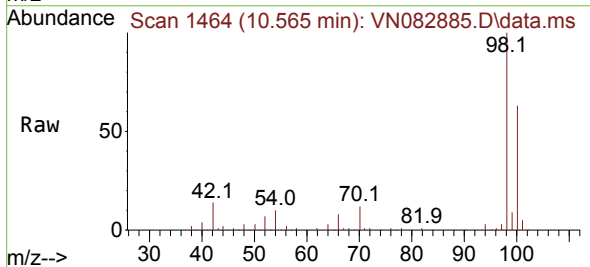
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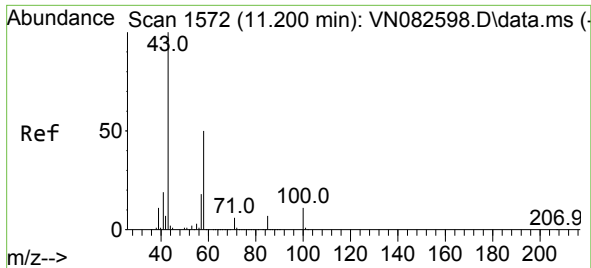
Tgt Ion: 98 Resp: 258060
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.744 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

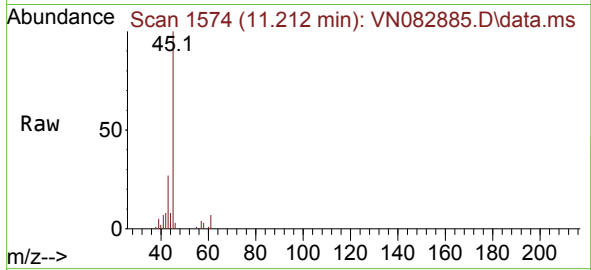
Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 148.2 28.2 42.4#



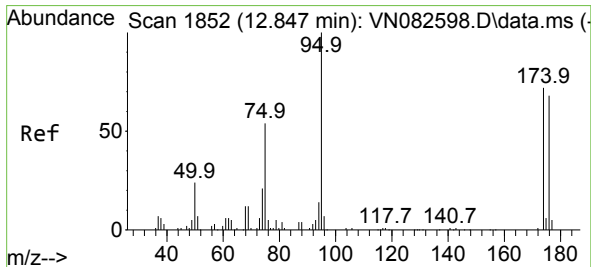
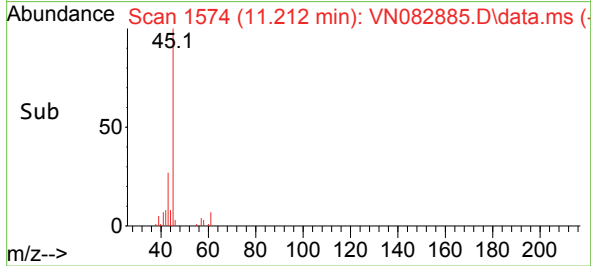
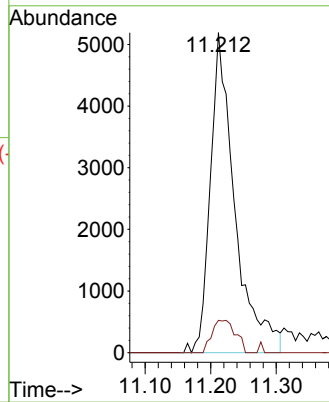


#59
2-Hexanone
Concen: 9.202 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-925-927

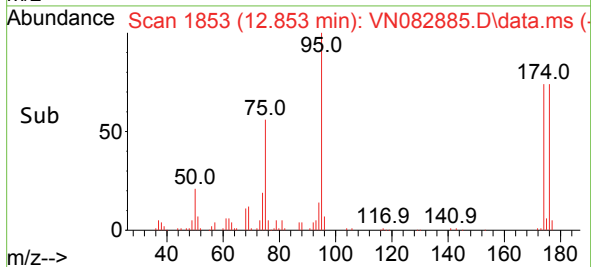
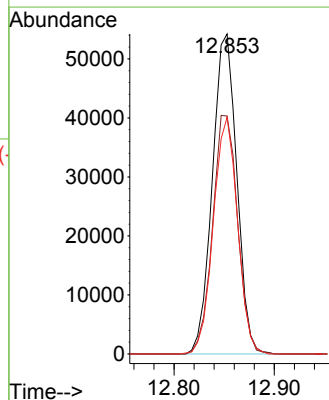
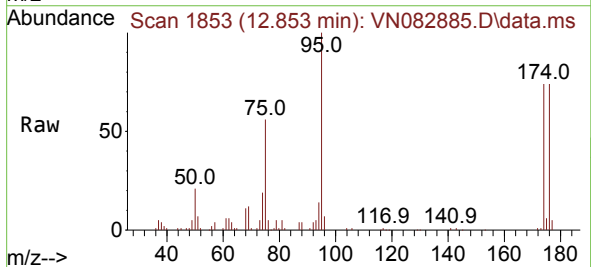


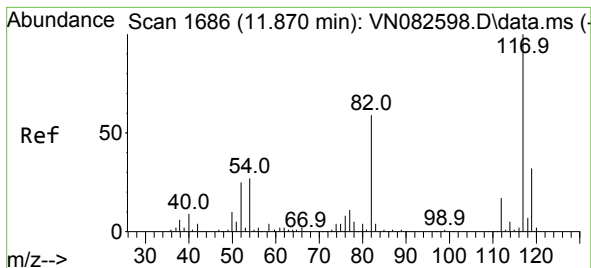
Tgt Ion: 43 Resp: 13487
Ion Ratio Lower Upper
43 100
58 9.7 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 48.852 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082885.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 95 Resp: 91819
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.2
176 73.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082885.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-925-927

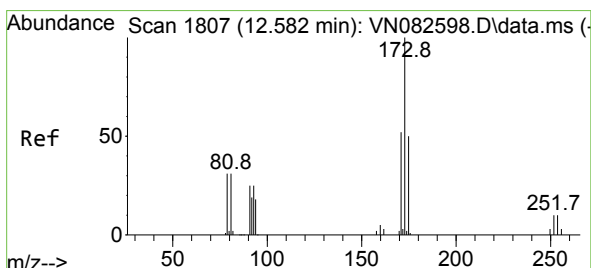
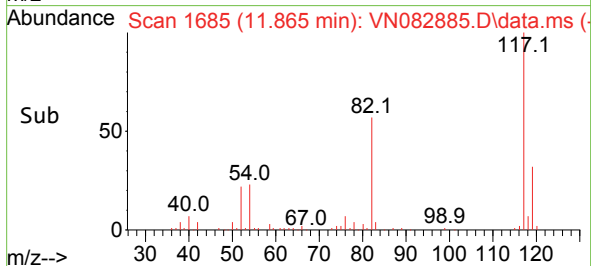
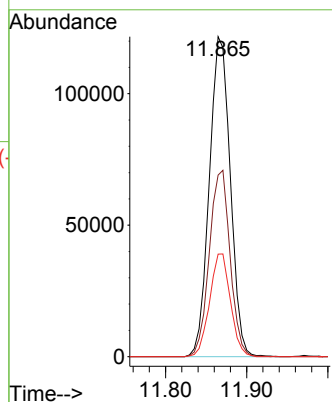
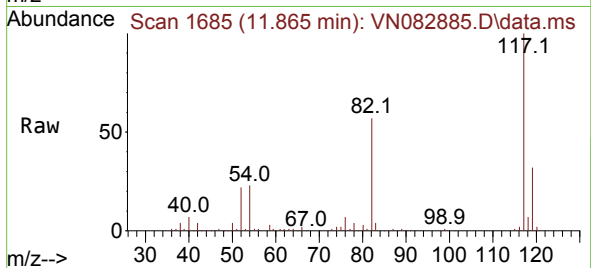
Tgt Ion:117 Resp: 218345

Ion Ratio Lower Upper

117 100

82 56.8 47.5 71.3

119 32.0 25.6 38.4



#71

Bromoform

Concen: 0.581 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082885.D

Acq: 11 Jul 2024 18:46

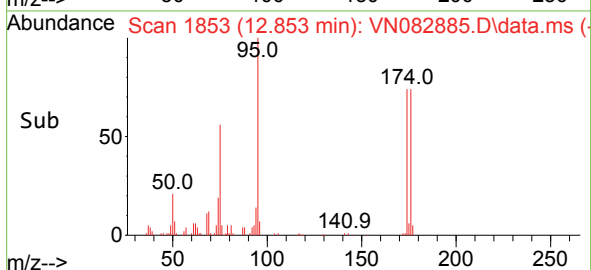
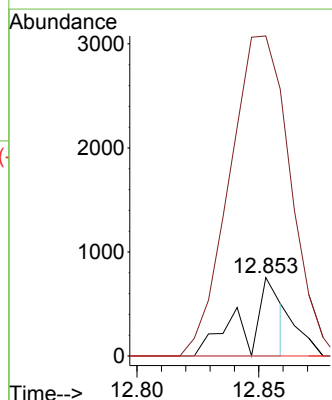
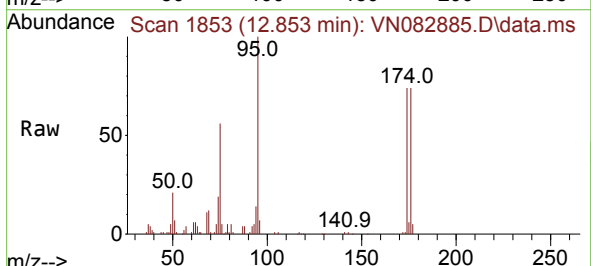
Tgt Ion:173 Resp: 760

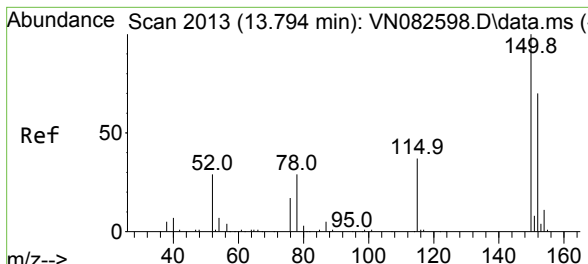
Ion Ratio Lower Upper

173 100

175 601.2 24.0 72.0#

254 0.0 0.0 0.0

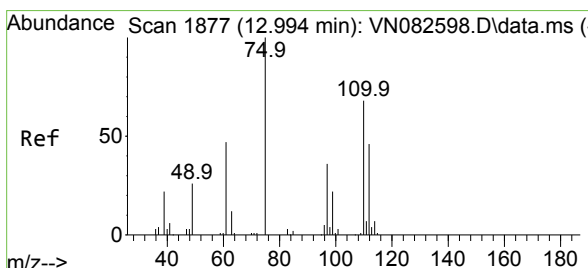
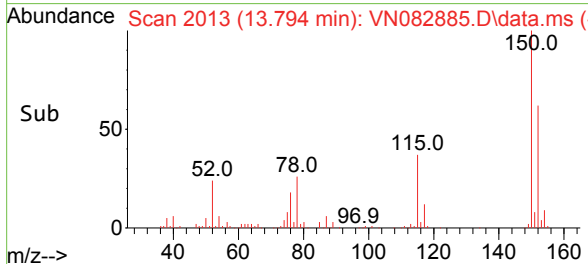
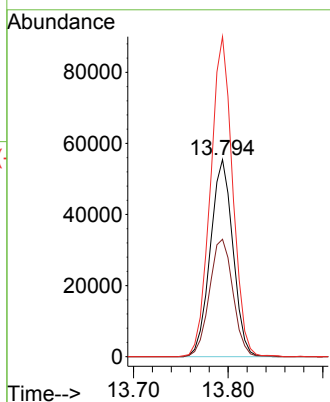
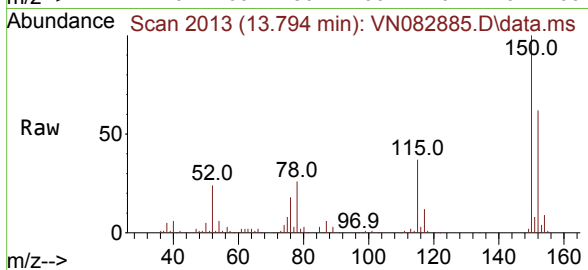




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

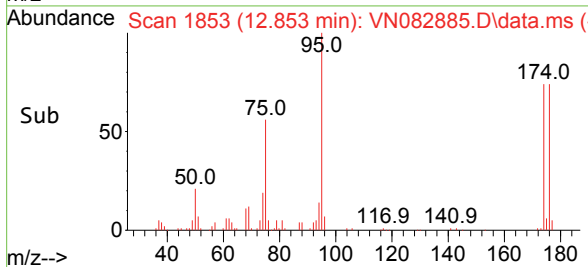
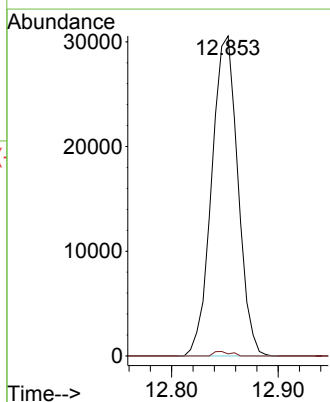
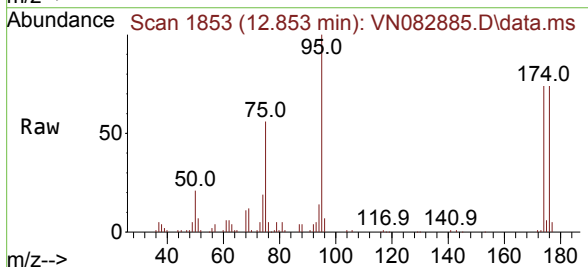
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-925-927

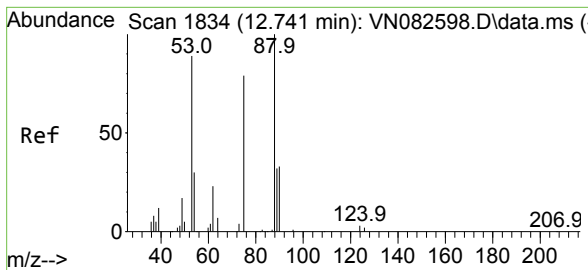
Tgt Ion:	152	Resp:	92013
Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.6	91.6
150	159.6	0.0	348.6



#76
 1,2,3-Trichloropropane
 Concen: 32.846 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

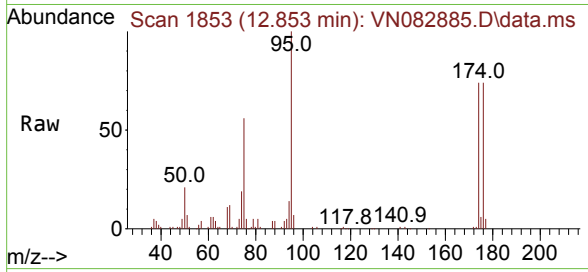
Tgt Ion:	75	Resp:	52105
Ion	Ratio	Lower	Upper
75	100		
77	0.9	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.598 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-925-927



Tgt Ion:	75	Resp:	52105
Ion Ratio	Lower	Upper	
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

