

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082485.D
 Acq On : 07 Jun 2024 12:10
 Operator : JC\MD
 Sample : P2771-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240603

Quant Time: Jun 08 00:56:00 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)

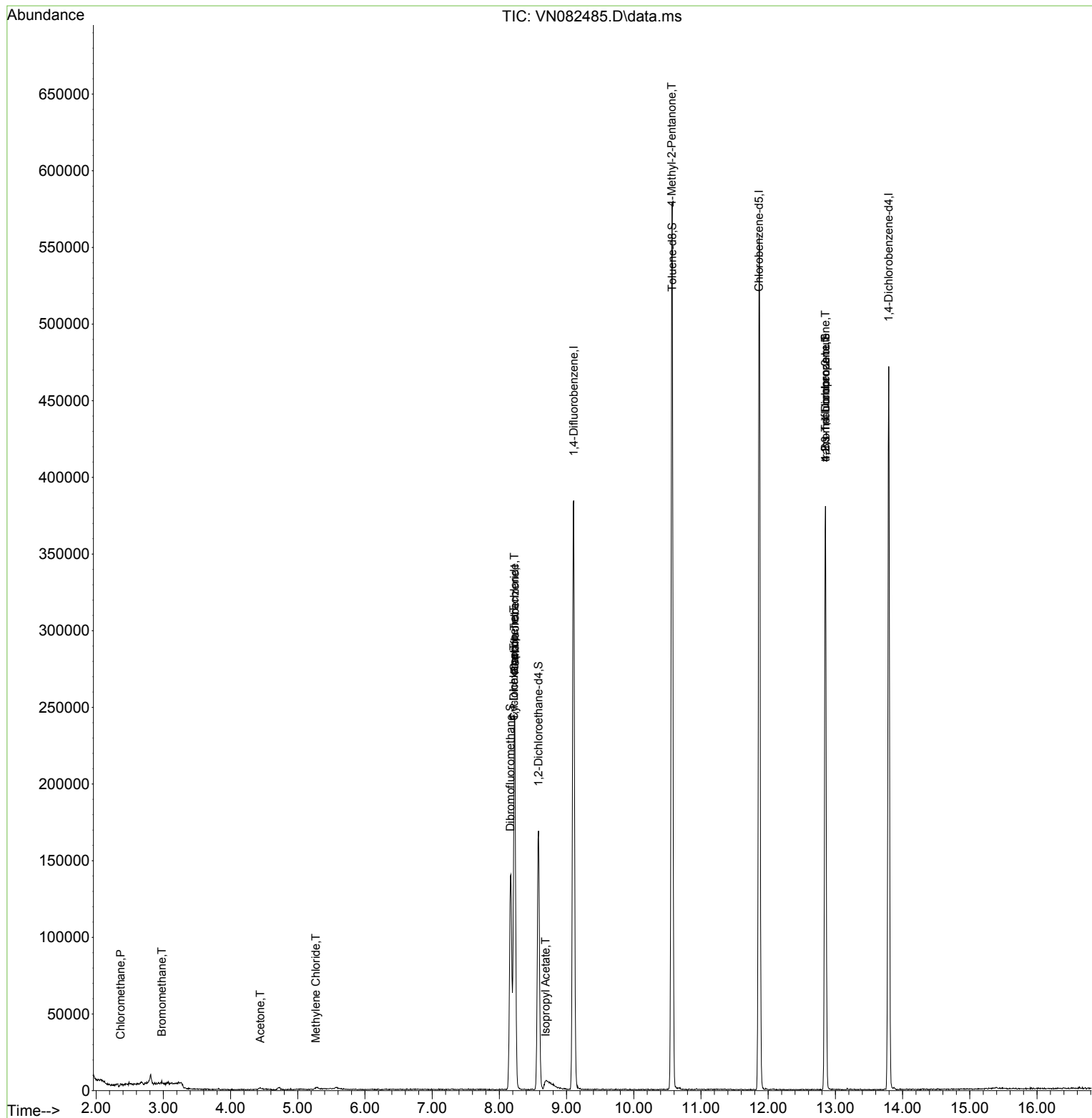
Internal Standards						
1) Pentafluorobenzene	8.230	168	170517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137309	50.997	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.000%		
35) Dibromofluoromethane	8.165	113	99921	52.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 104.180%		
50) Toluene-d8	10.571	98	372718	50.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 101.360%		
62) 4-Bromofluorobenzene	12.853	95	120679	45.977	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 91.960%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	748	0.268	ug/l #	78
5) Bromomethane	2.977	94	685	0.455	ug/l #	43
16) Acetone	4.442	43	2134	1.932	ug/l #	75
20) Methylene Chloride	5.271	84	728	0.327	ug/l #	63
31) Cyclohexane	8.218	56	4695	1.092	ug/l #	65
36) 1,1-Dichloropropene	8.218	75	15495	4.817	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19415	5.954	ug/l #	16
43) Isopropyl Acetate	8.688	43	5811	0.911	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2209	0.609	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	70252	28.615	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70252	66.930	ug/l #	13

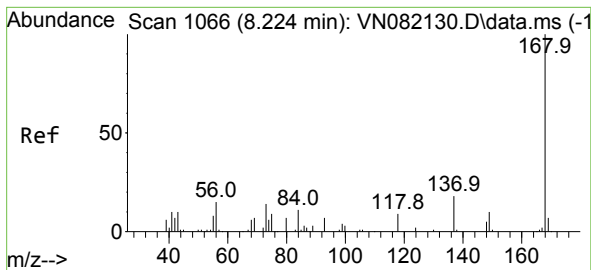
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

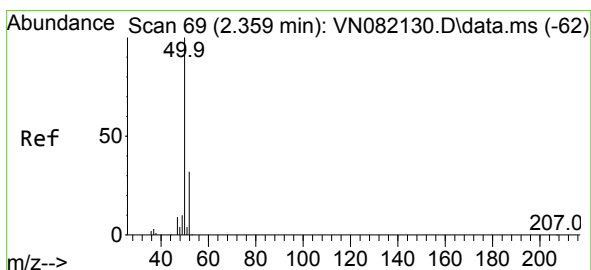
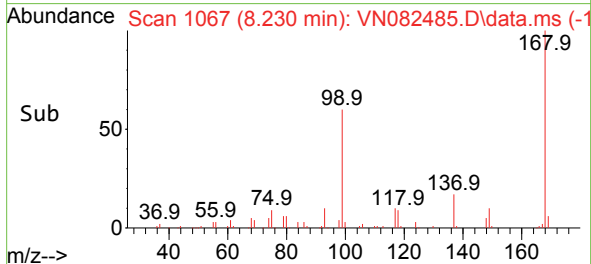
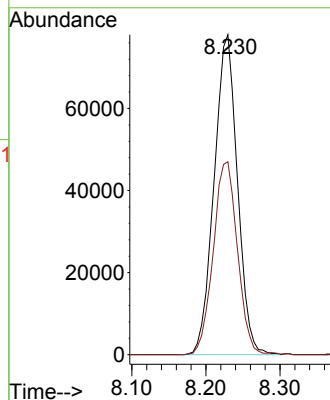
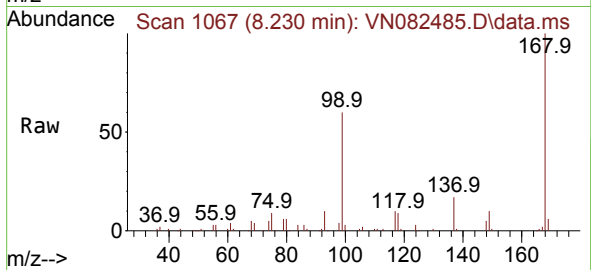
BP-VPB-196-TB-20240603

Tgt Ion:168 Resp: 170517

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



#3

Chloromethane

Concen: 0.268 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082485.D

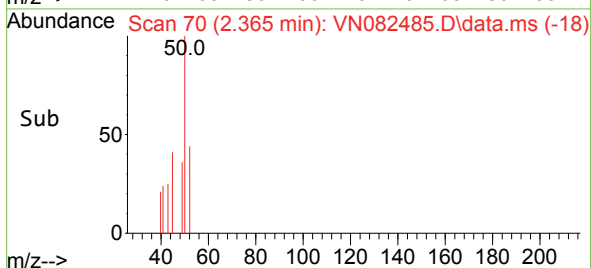
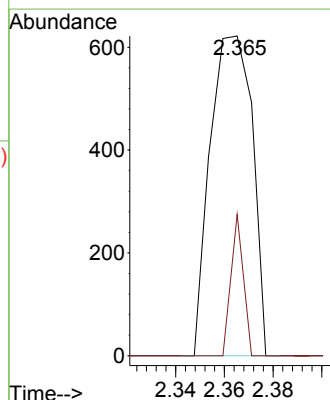
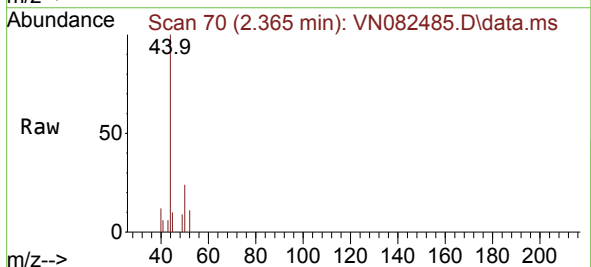
Acq: 07 Jun 2024 12:10

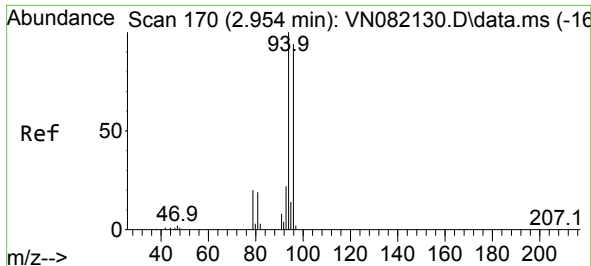
Tgt Ion: 50 Resp: 748

Ion Ratio Lower Upper

50 100

52 44.2 25.5 38.3#

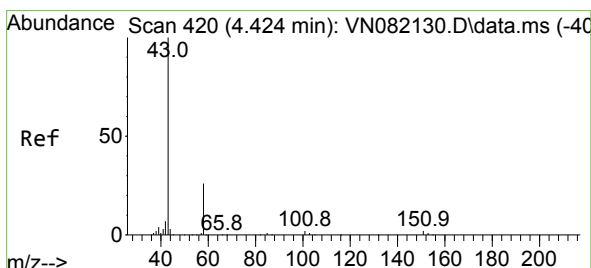
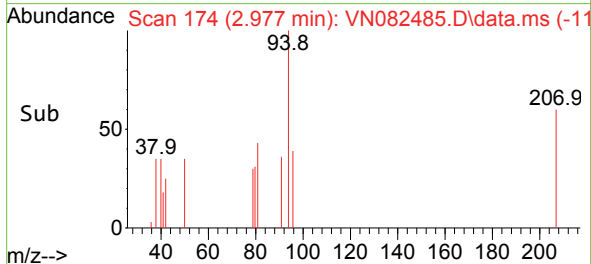
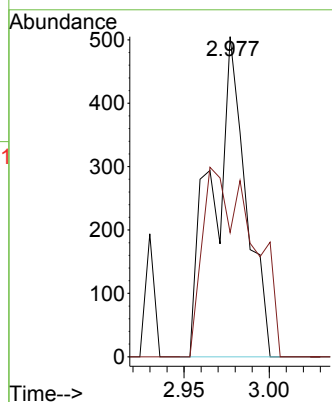
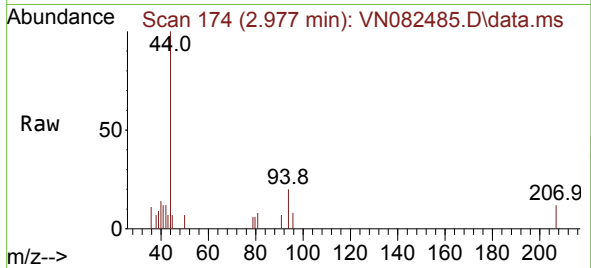




#5
Bromomethane
Concen: 0.455 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

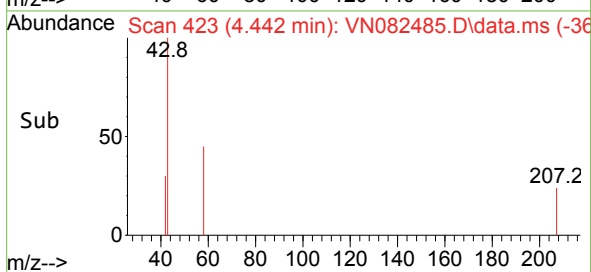
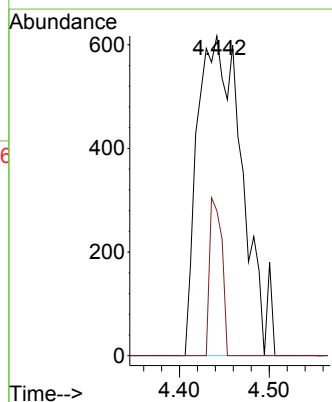
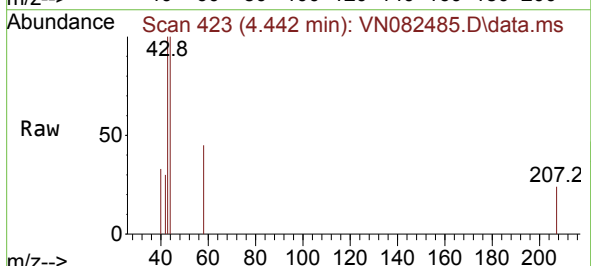
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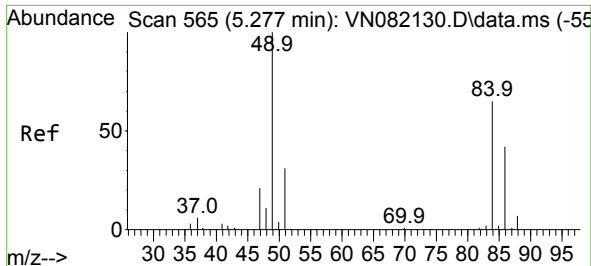
Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 38.8 74.8 112.2#



#16
Acetone
Concen: 1.932 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Tgt Ion: 43 Resp: 2134
Ion Ratio Lower Upper
43 100
58 45.4 25.2 37.8#

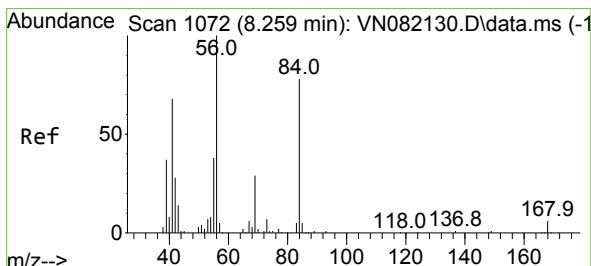
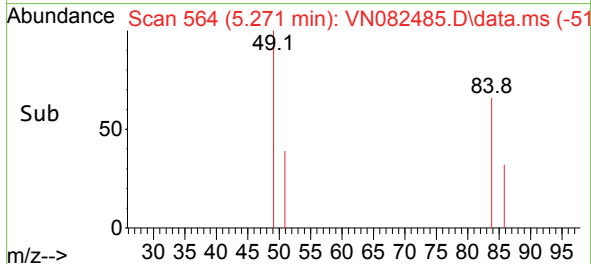
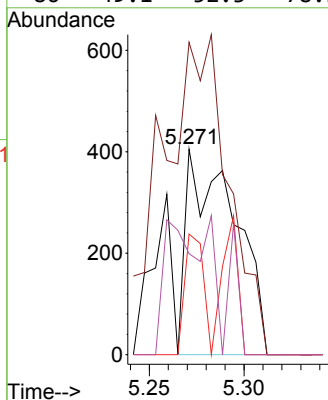
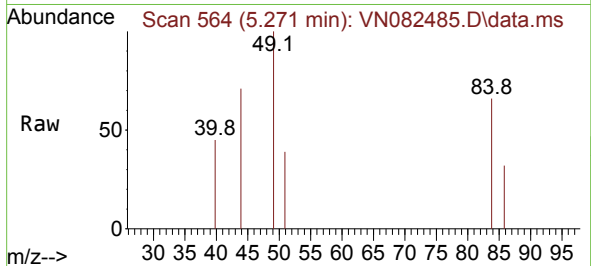




#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

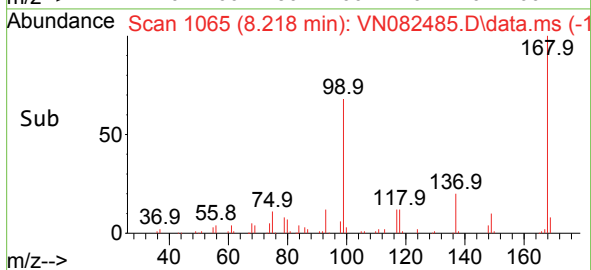
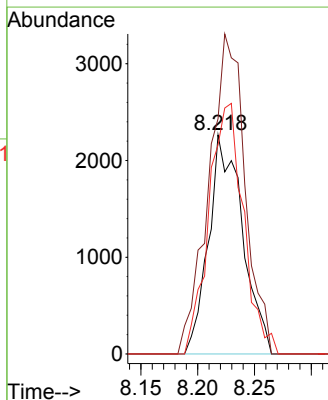
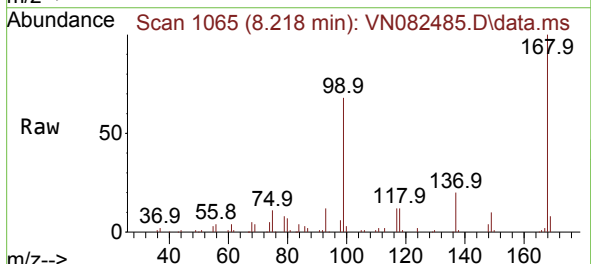
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240603

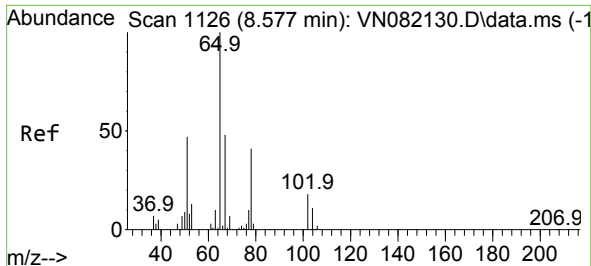
Tgt Ion:	84	Resp:	728
Ion	Ratio	Lower	Upper
84	100		
49	152.1	84.9	127.3#
51	58.8	27.0	40.6#
86	49.1	52.3	78.5#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Tgt Ion:	56	Resp:	4695
Ion	Ratio	Lower	Upper
56	100		
69	107.4	24.4	36.6#
84	95.4	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 50.997 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

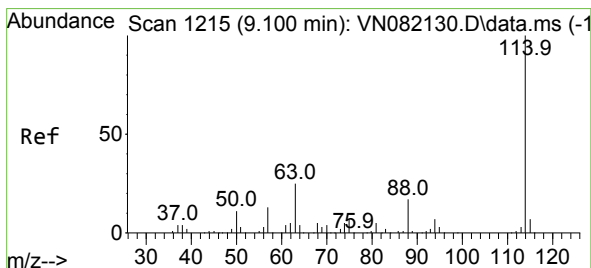
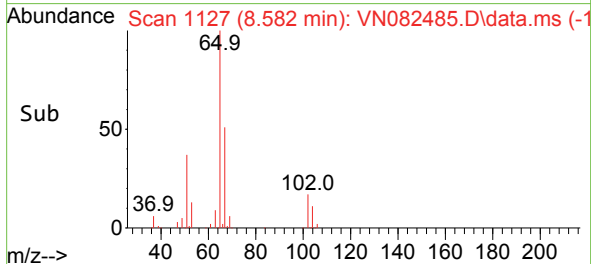
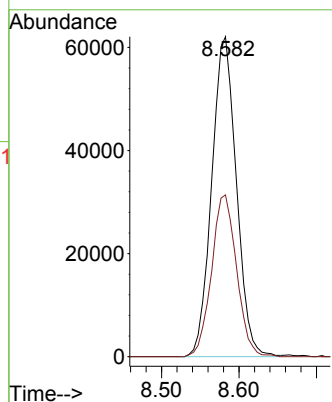
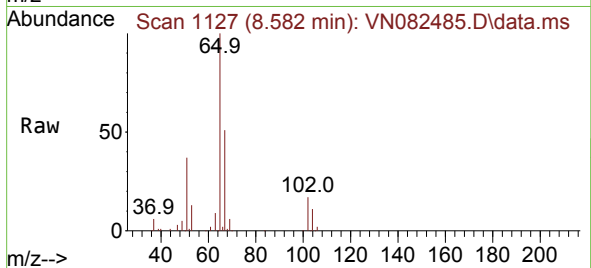
BP-VPB-196-TB-20240603

Tgt Ion: 65 Resp: 137309

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

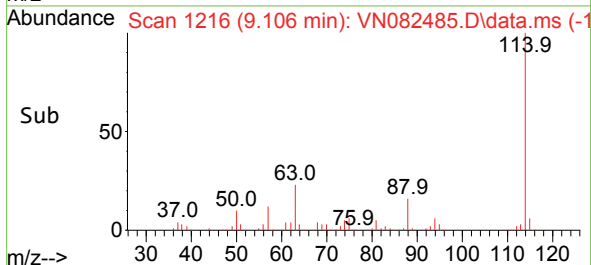
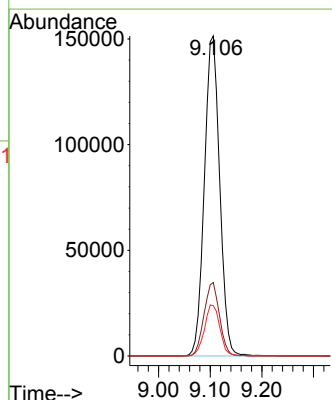
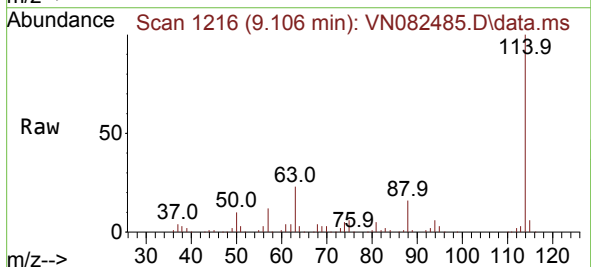
Tgt Ion: 114 Resp: 311808

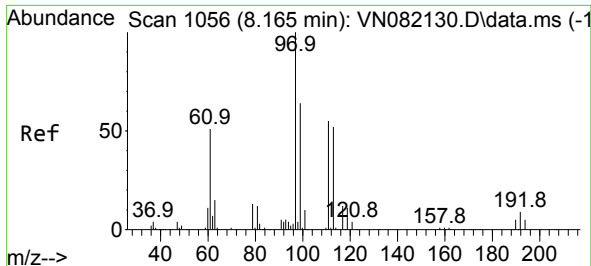
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 15.7 0.0 31.4

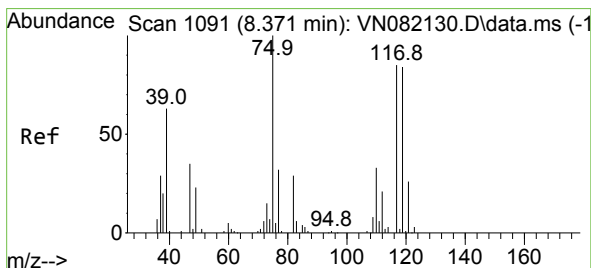
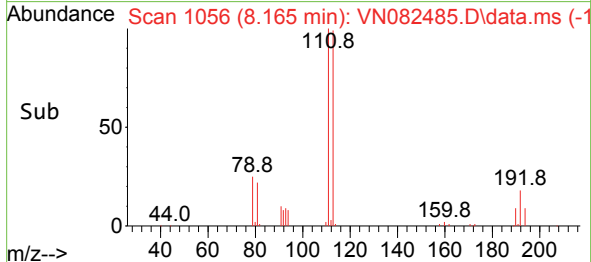
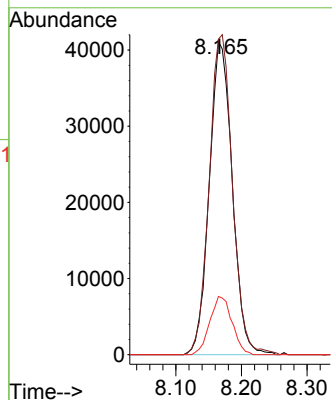
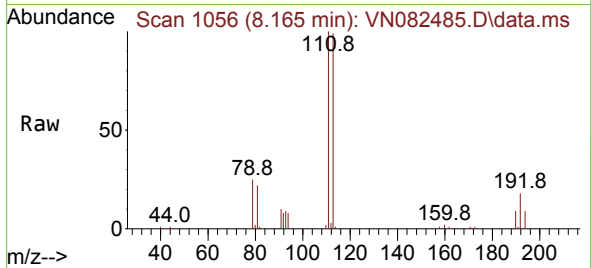




#35
Dibromofluoromethane
Concen: 52.094 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

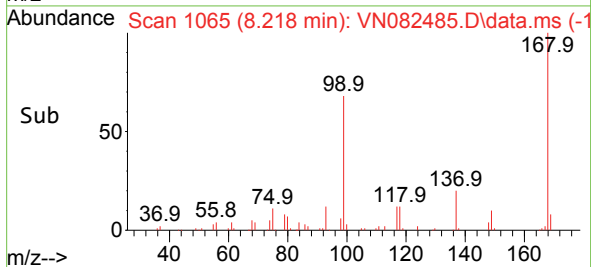
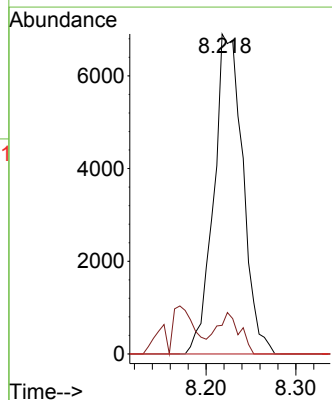
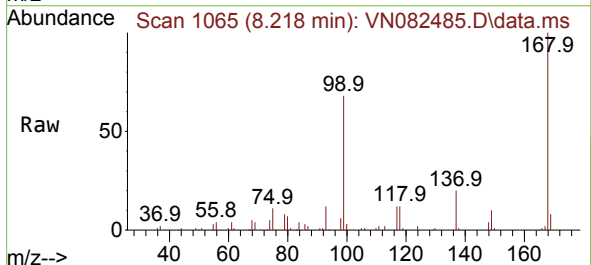
Instrument :
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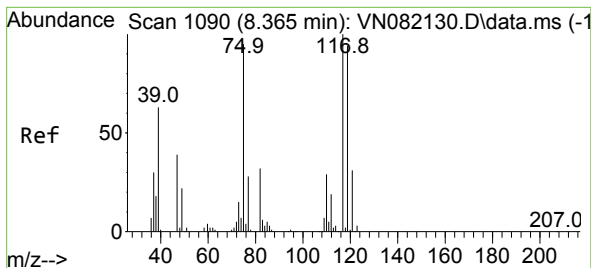
Tgt Ion:113 Resp: 99921
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 18.0 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Tgt Ion: 75 Resp: 15495
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.954 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082485.D

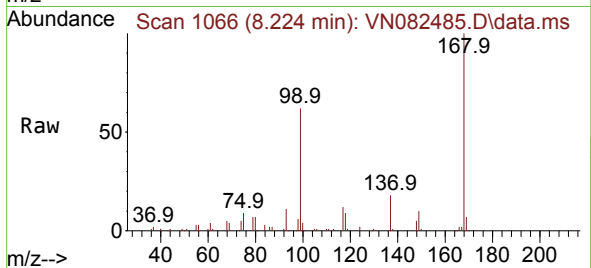
Acq: 07 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240603



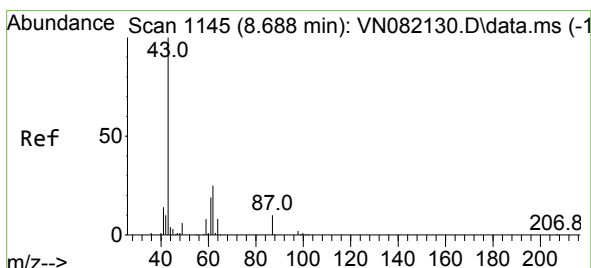
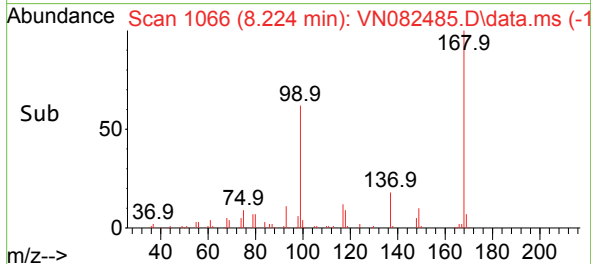
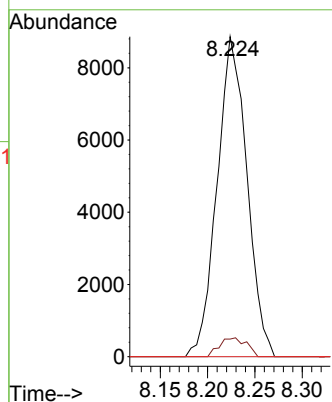
Tgt Ion:117 Resp: 19415

Ion Ratio Lower Upper

117 100

119 5.5 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.911 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

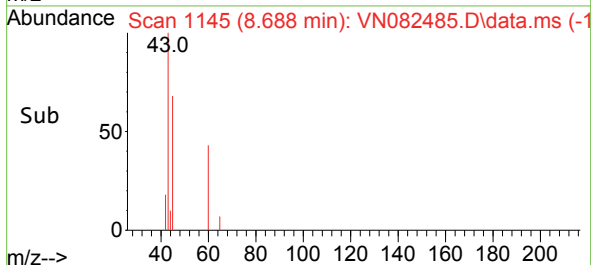
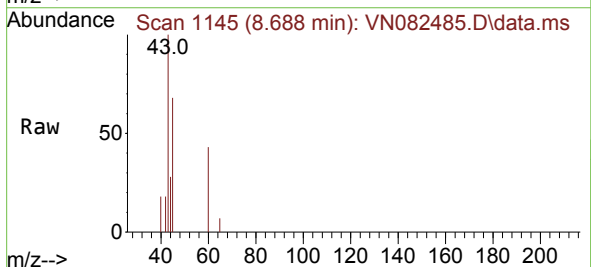
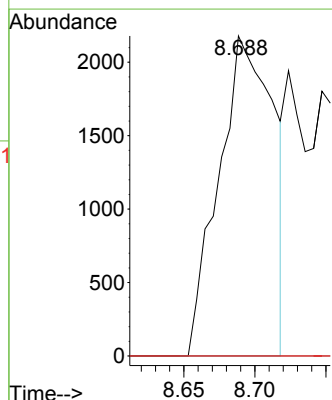
Tgt Ion: 43 Resp: 5811

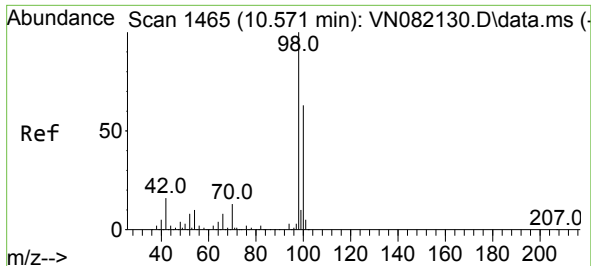
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

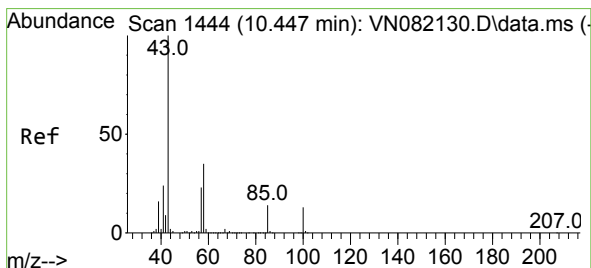
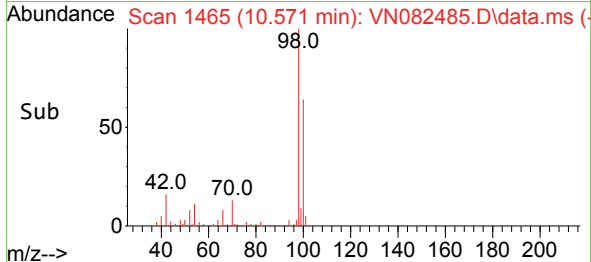
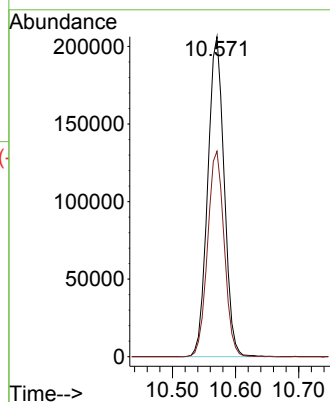
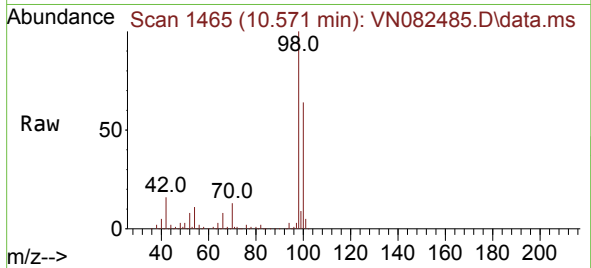




#50
Toluene-d8
Concen: 50.683 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

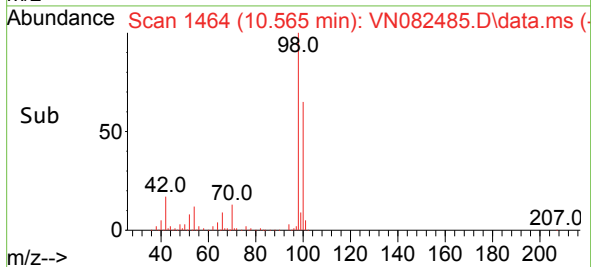
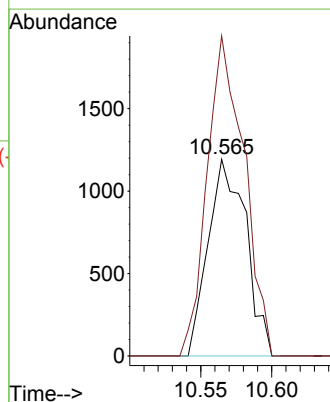
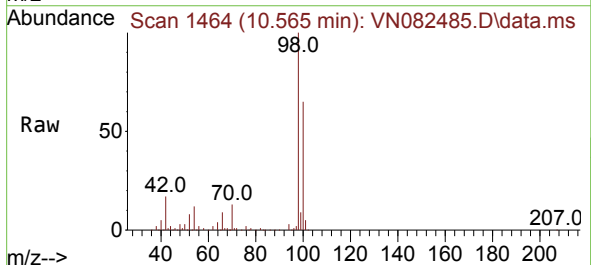
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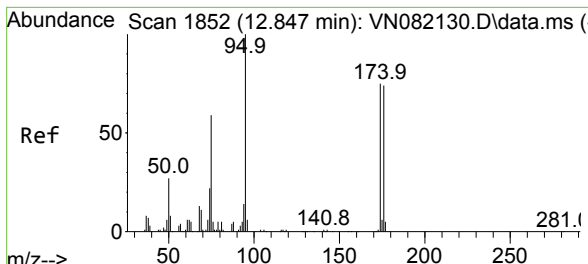
Tgt Ion: 98 Resp: 372718
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Tgt Ion: 43 Resp: 2209
Ion Ratio Lower Upper
43 100
58 159.3 33.2 49.8#

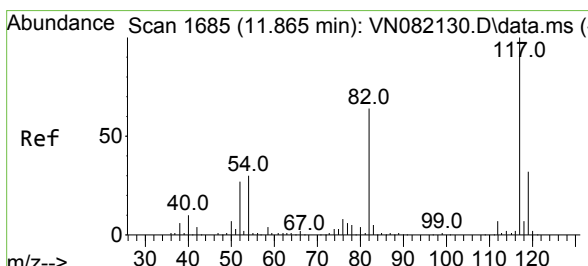
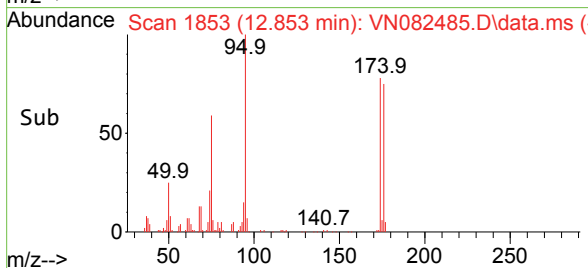
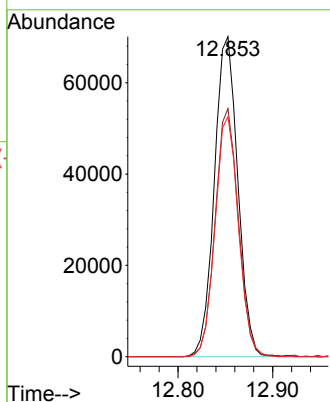
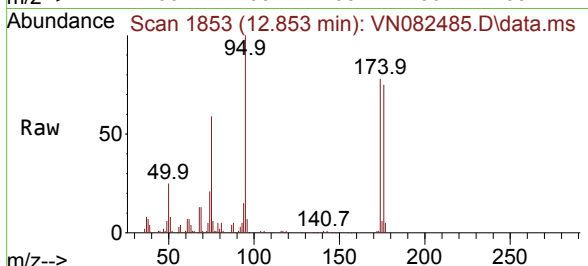




#62
 4-Bromofluorobenzene
 Concen: 45.977 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082485.D
 Acq: 07 Jun 2024 12:10

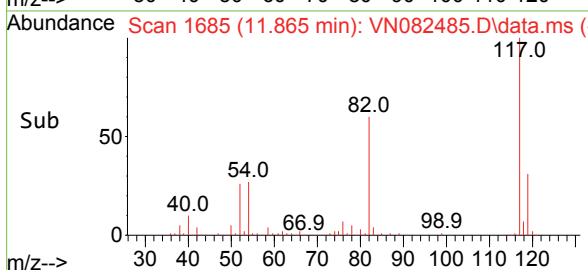
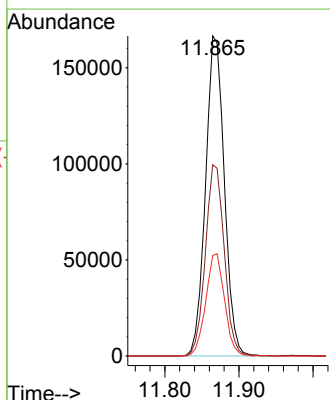
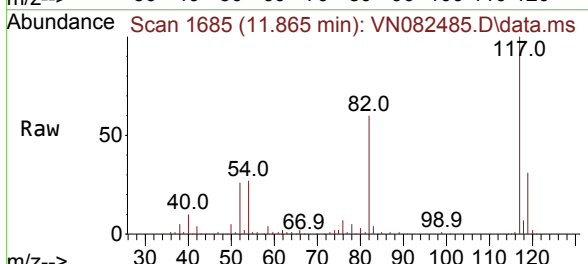
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240603

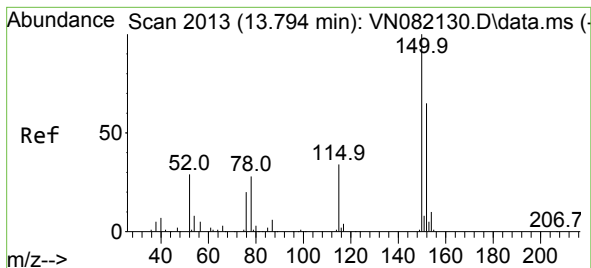
Tgt Ion:	95	Resp:	120679
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	160.6
176	74.5	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082485.D
 Acq: 07 Jun 2024 12:10

Tgt Ion:	117	Resp:	293478
Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.6	66.8
119	31.4	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN082485.D

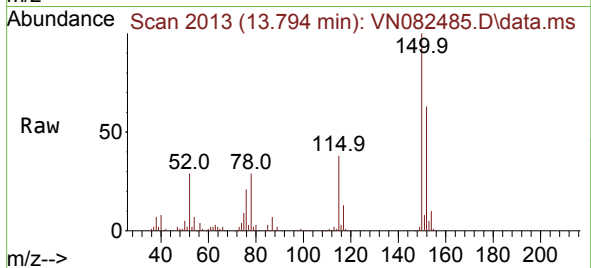
Acq: 07 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240603



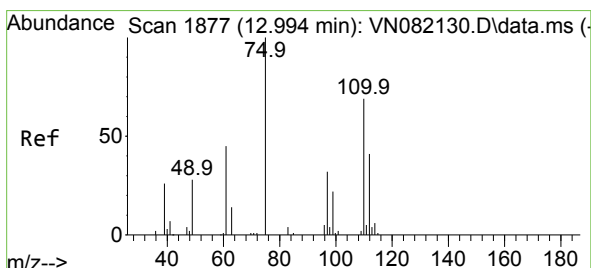
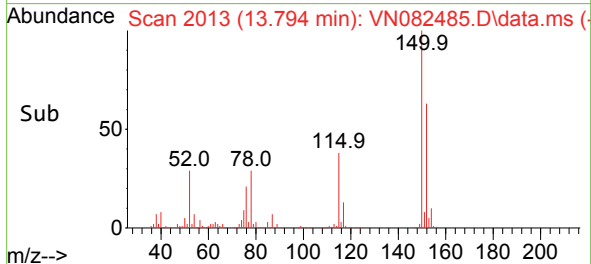
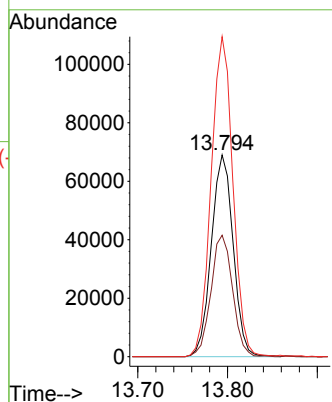
Tgt Ion:152 Resp: 116642

Ion Ratio Lower Upper

152 100

115 59.7 30.4 91.3

150 157.7 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 28.615 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082485.D

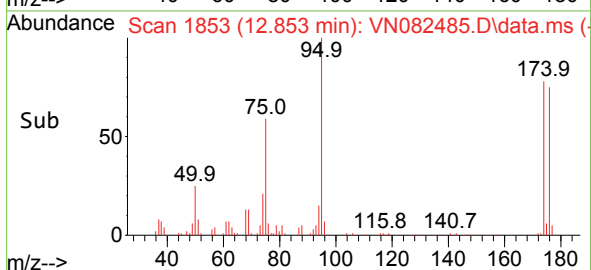
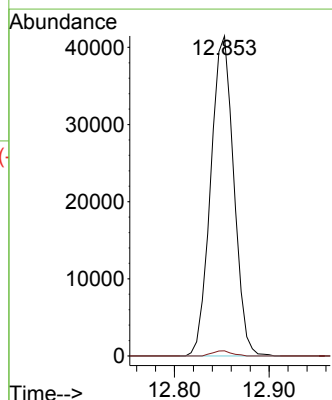
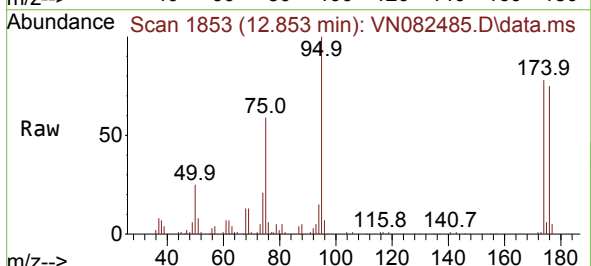
Acq: 07 Jun 2024 12:10

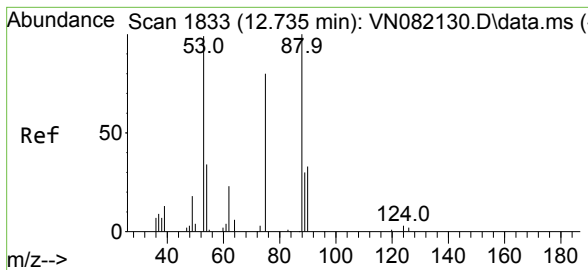
Tgt Ion: 75 Resp: 70252

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.930 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082485.D
 Acq: 07 Jun 2024 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240603

Tgt Ion: 75 Resp: 70252
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 39.1 58.7#

