

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082486.D
 Acq On : 07 Jun 2024 12:35
 Operator : JC\MD
 Sample : P2771-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-EB-20240604

Quant Time: Jun 08 00:56:24 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)

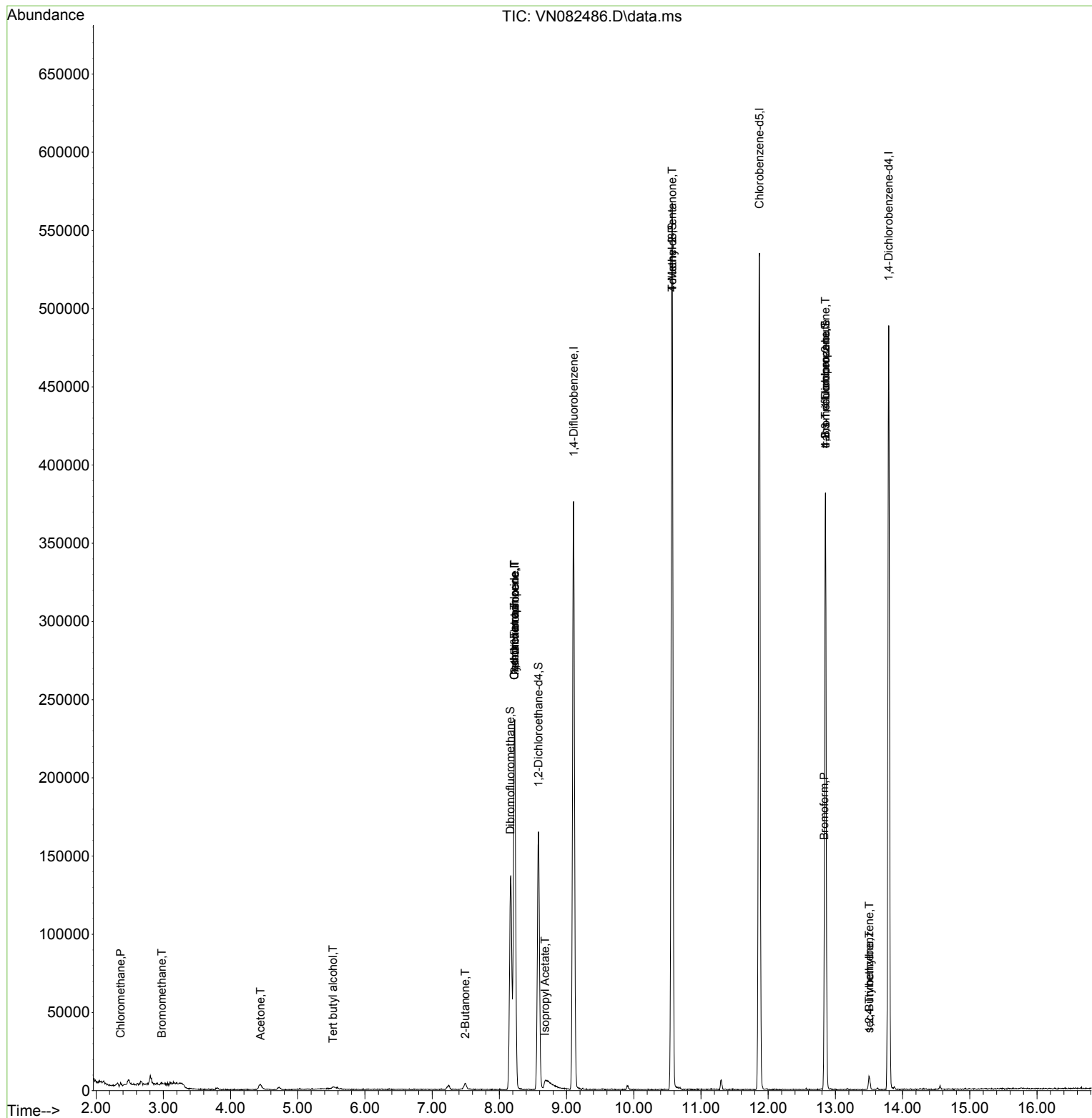
Internal Standards						
1) Pentafluorobenzene	8.230	168	166216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	287708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136021	51.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.660%	
35) Dibromofluoromethane	8.165	113	97647	52.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.840%	
50) Toluene-d8	10.571	98	363079	51.319	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.853	95	119420	47.291	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	879	0.324	ug/l #	77
5) Bromomethane	2.977	94	384	0.262	ug/l #	4
11) Tert butyl alcohol	5.524	59	1607	3.814	ug/l #	71
16) Acetone	4.447	43	7125	6.618	ug/l	95
25) 2-Butanone	7.494	43	7438	4.557	ug/l #	70
31) Cyclohexane	8.224	56	4680	1.116	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	15430	4.986	ug/l #	48
38) Carbon Tetrachloride	8.224	117	18203	5.802	ug/l #	15
43) Isopropyl Acetate	8.682	43	3613	0.589	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2385	0.684	ug/l #	1
71) Bromoform	12.835	173	135	0.781	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	70897	27.570	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70897	64.484	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.506	105	3013	0.375	ug/l #	31
85) sec-Butylbenzene	13.506	105	3013	0.317	ug/l #	56

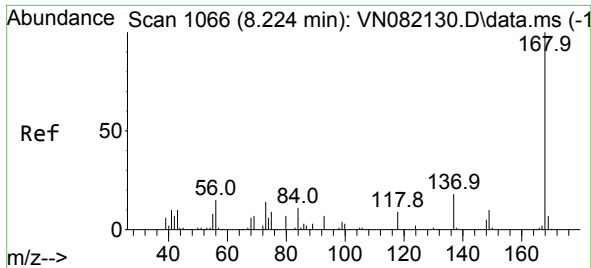
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
Data File : VN082486.D
Acq On : 07 Jun 2024 12:35
Operator : JC\MD
Sample : P2771-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

Quant Time: Jun 08 00:56:24 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

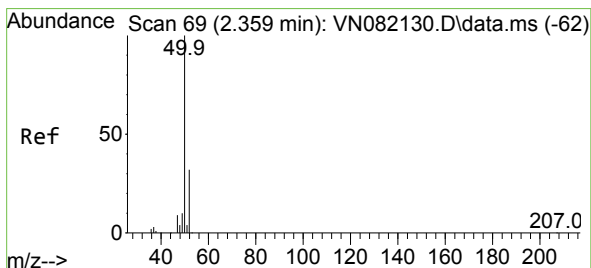
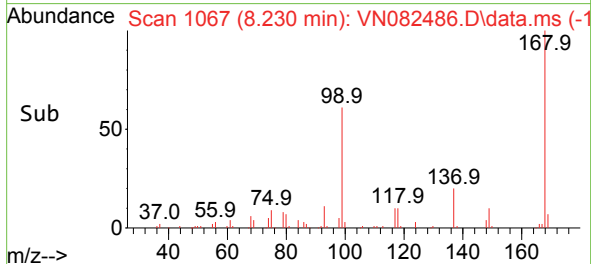
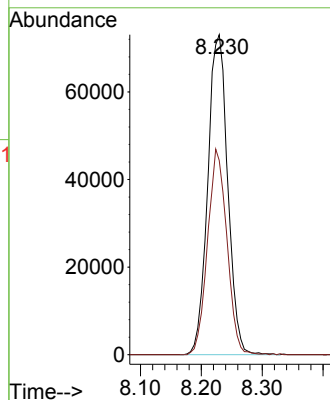
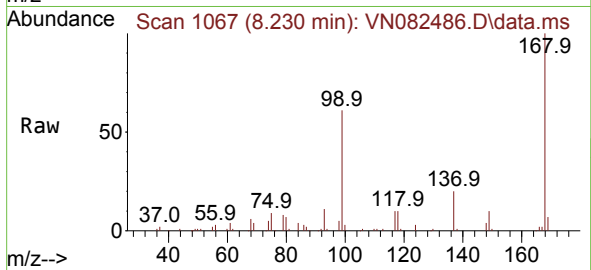




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

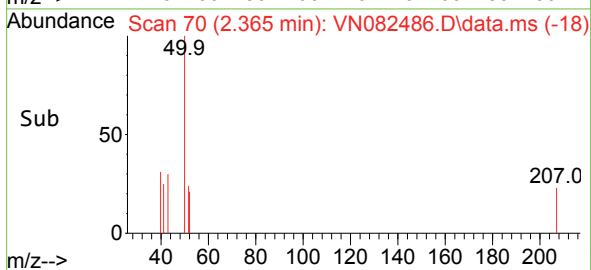
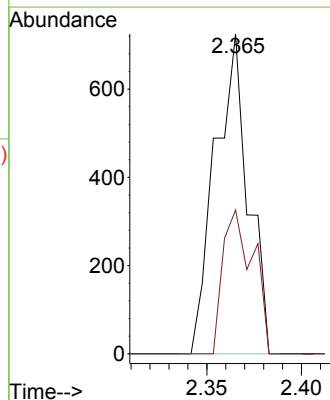
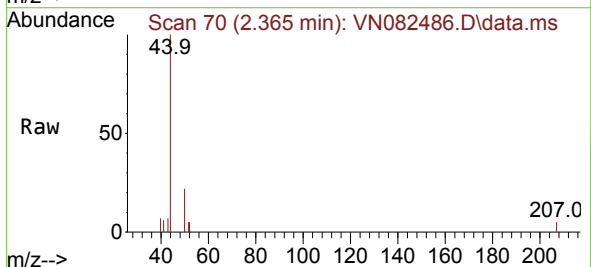
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

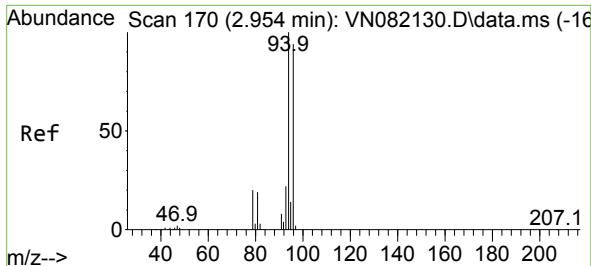
Tgt Ion:168 Resp: 166216
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#3
Chloromethane
Concen: 0.324 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 45.0 25.5 38.3#

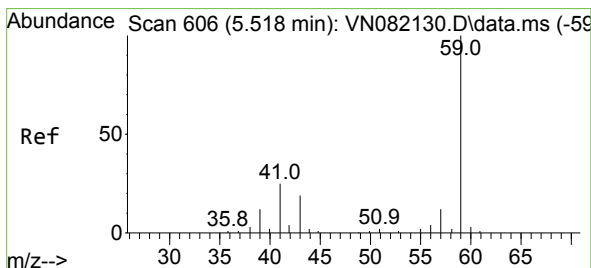
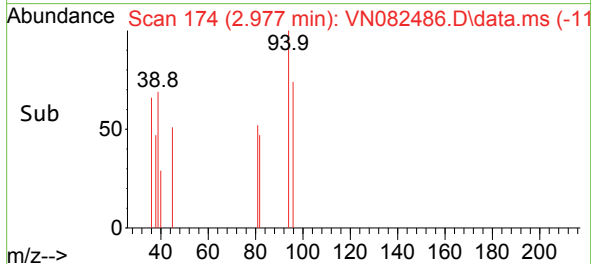
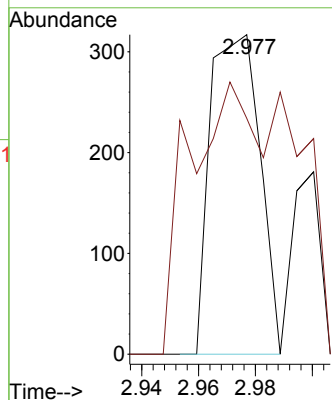
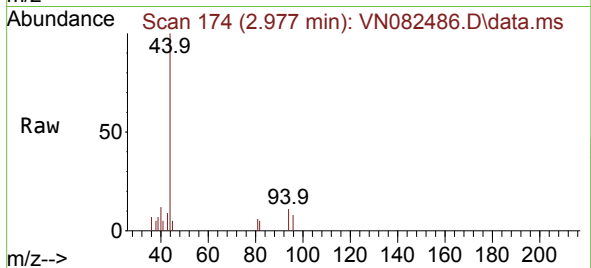




#5
Bromomethane
Concen: 0.262 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

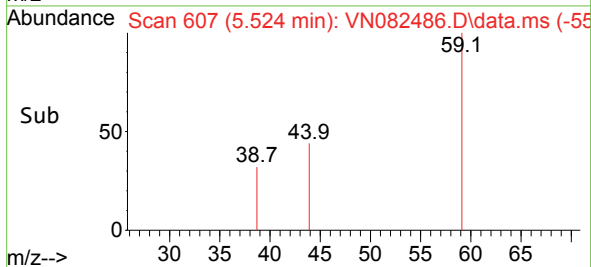
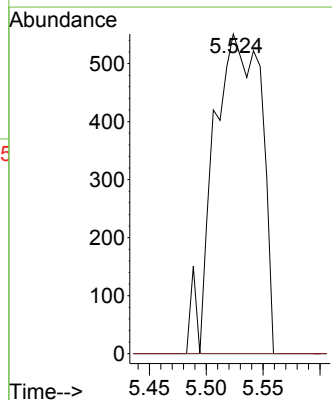
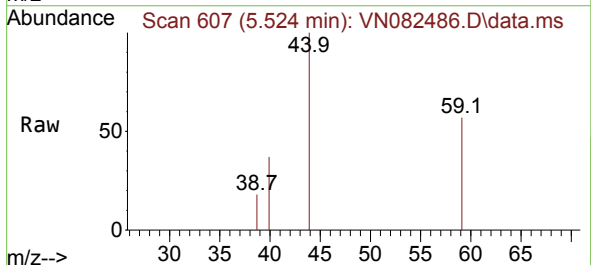
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

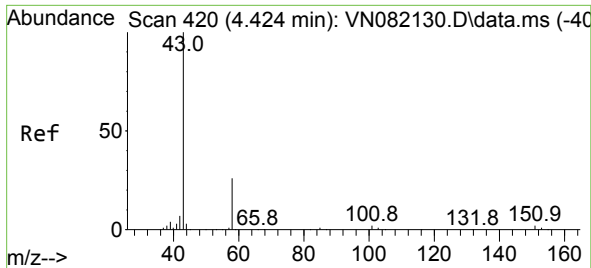
Tgt Ion: 94 Resp: 384
Ion Ratio Lower Upper
94 100
96 0.6 74.8 112.2#



#11
Tert butyl alcohol
Concen: 3.814 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 59 Resp: 1607
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

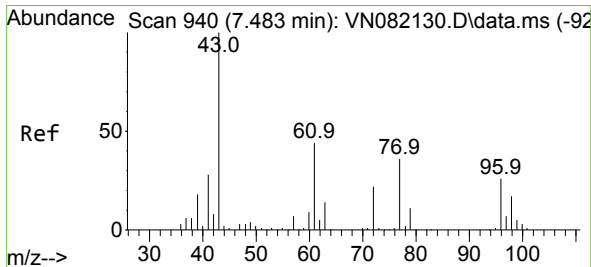
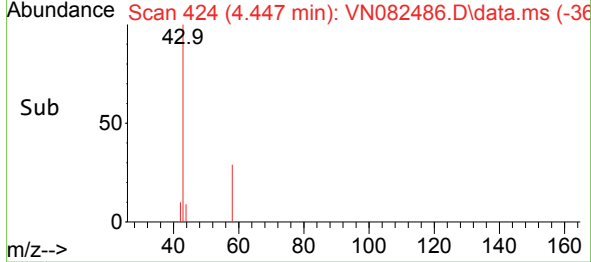
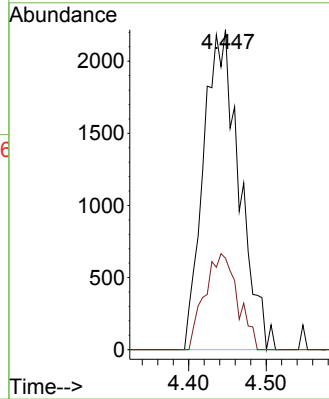
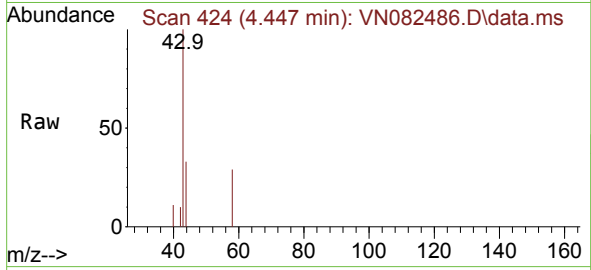




#16
Acetone
Concen: 6.618 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

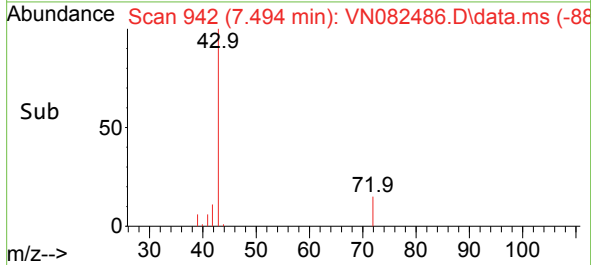
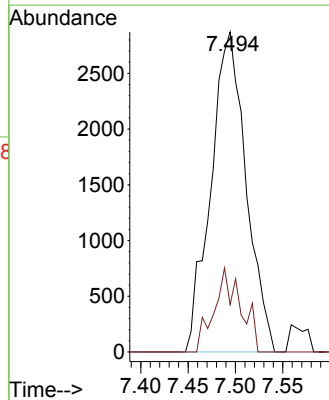
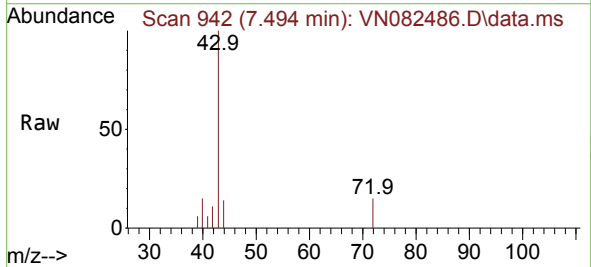
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

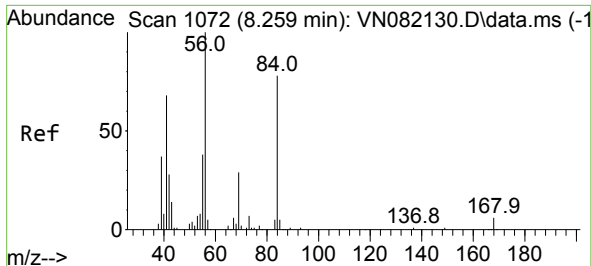
Tgt Ion: 43 Resp: 7125
Ion Ratio Lower Upper
43 100
58 28.6 25.2 37.8



#25
2-Butanone
Concen: 4.557 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

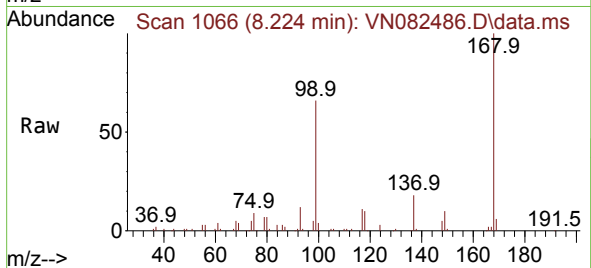
Tgt Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
72 14.8 25.3 37.9#



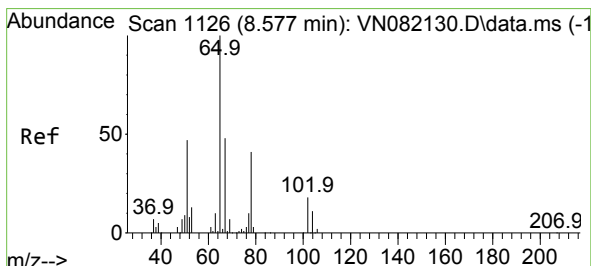
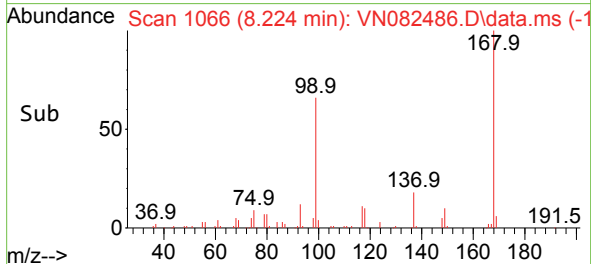
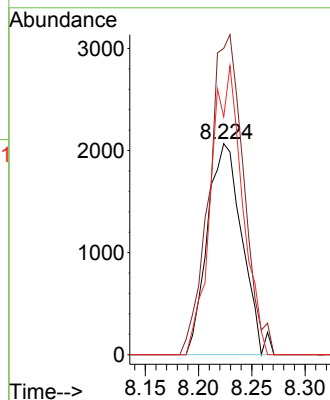


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

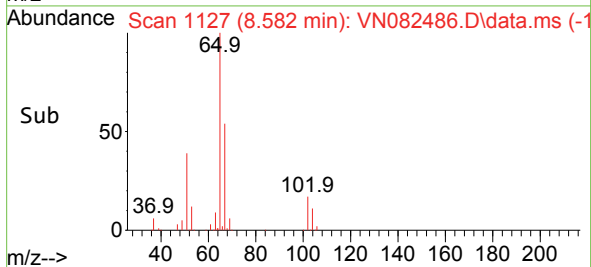
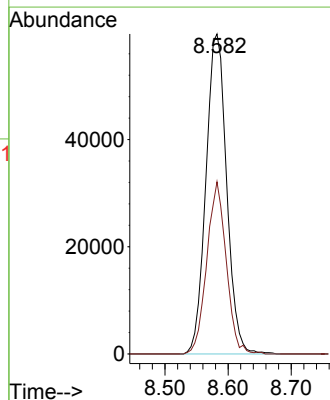
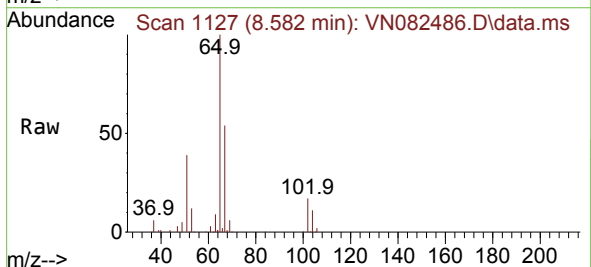


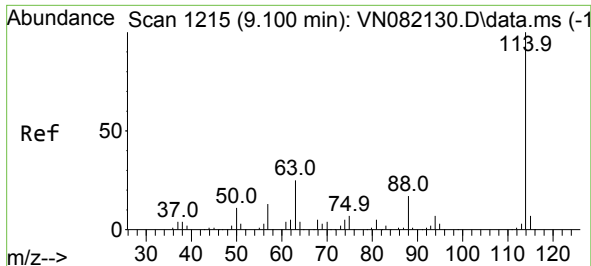
Tgt Ion: 56 Resp: 4680
Ion Ratio Lower Upper
56 100
69 145.1 24.4 36.6#
84 112.7 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 51.826 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 65 Resp: 136021
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# 1

Delta R.T. 0.006 min

Lab File: VN082486.D

Acq: 07 Jun 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240604

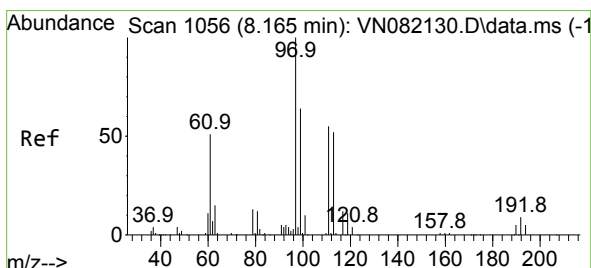
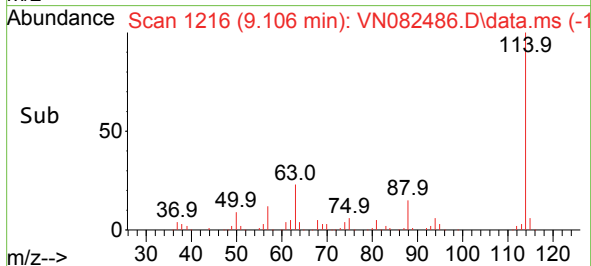
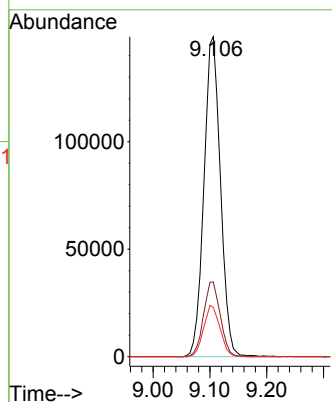
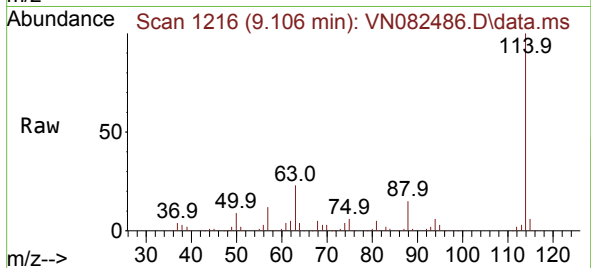
Tgt Ion:114 Resp: 299981

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.915 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082486.D

Acq: 07 Jun 2024 12:35

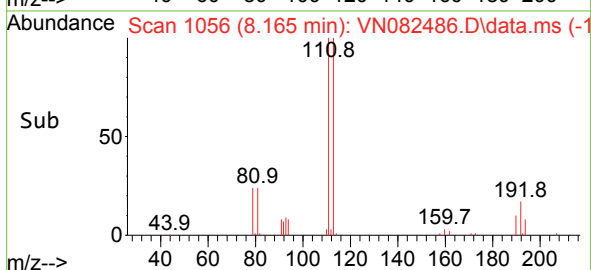
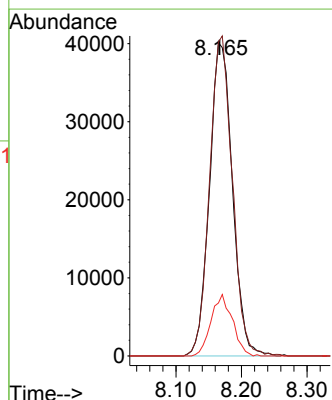
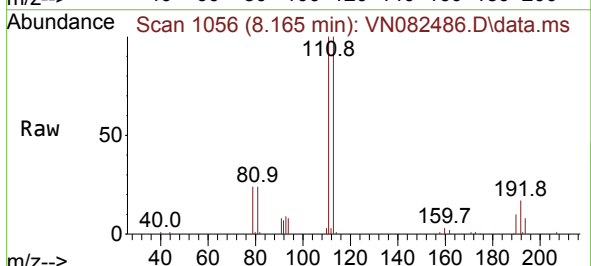
Tgt Ion:113 Resp: 97647

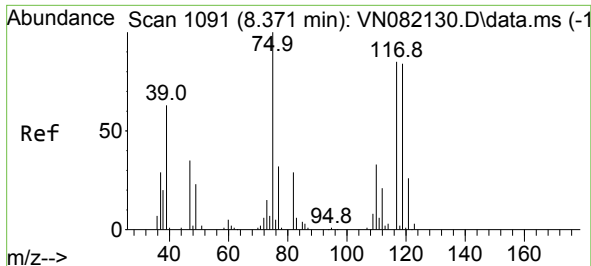
Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

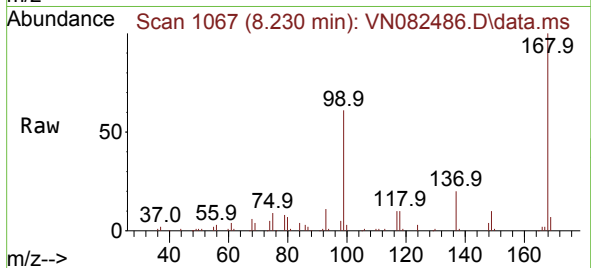
192 18.3 14.0 21.0



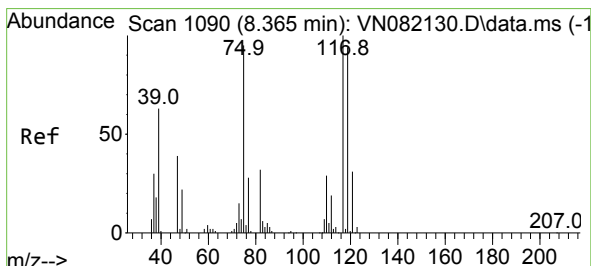
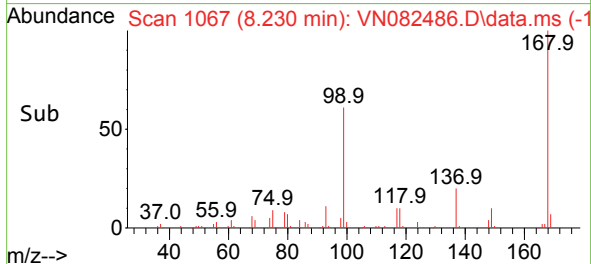
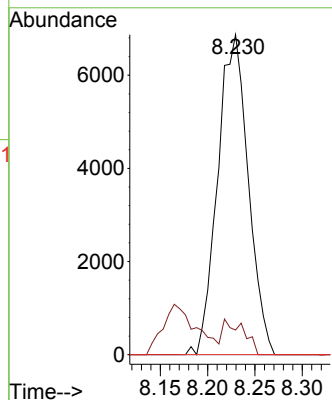


#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

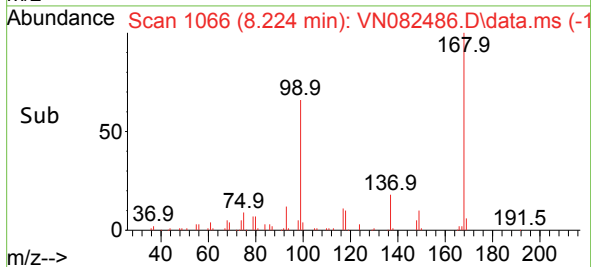
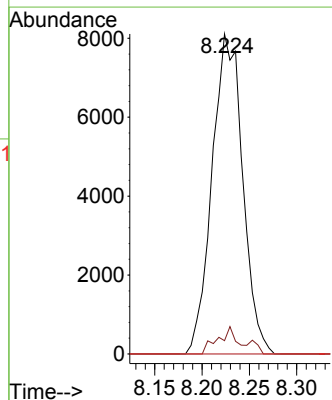
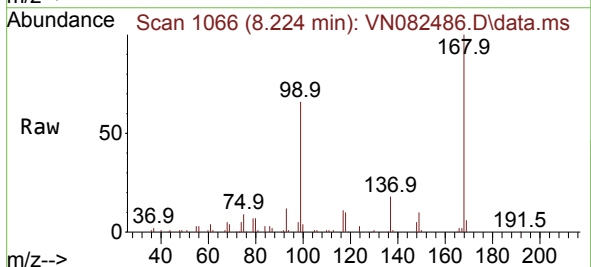


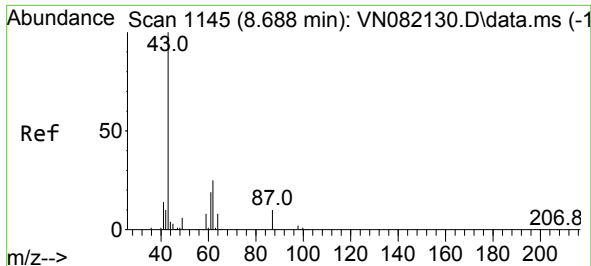
Tgt Ion: 75 Resp: 15430
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 117 Resp: 18203
Ion Ratio Lower Upper
117 100
119 4.2 76.5 114.7#
121 0.0 23.9 35.9#

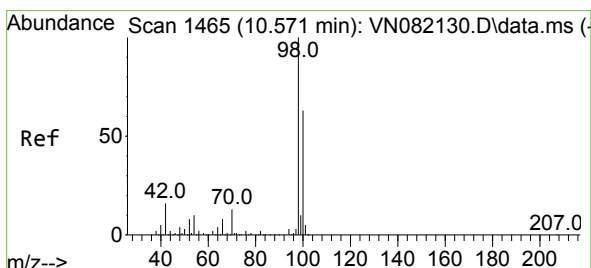
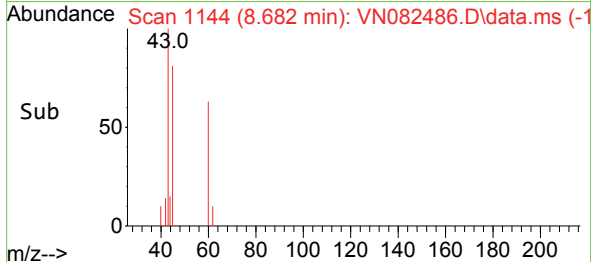
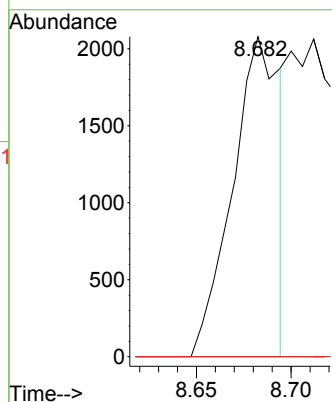
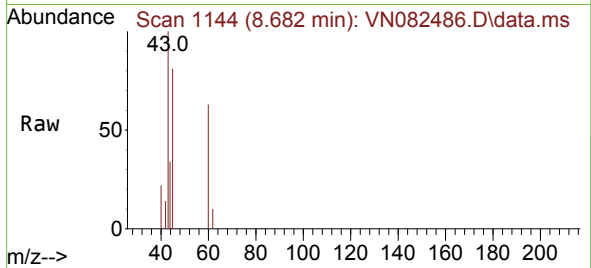




#43
Isopropyl Acetate
Concen: 0.589 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

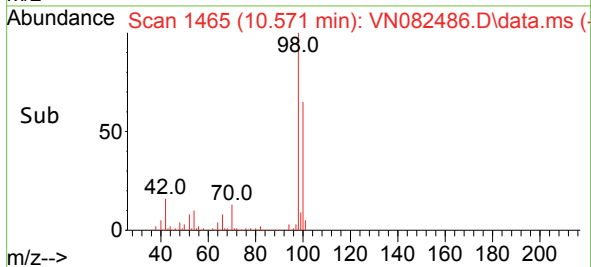
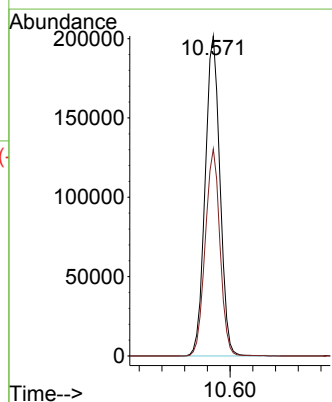
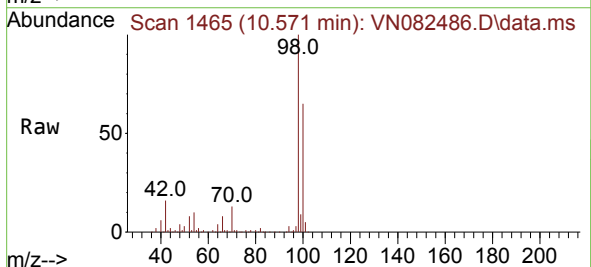
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

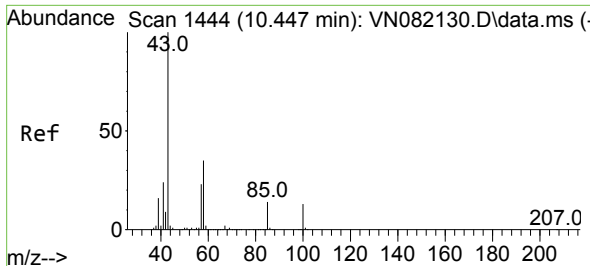
Tgt Ion: 43 Resp: 3613
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.319 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 98 Resp: 363079
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

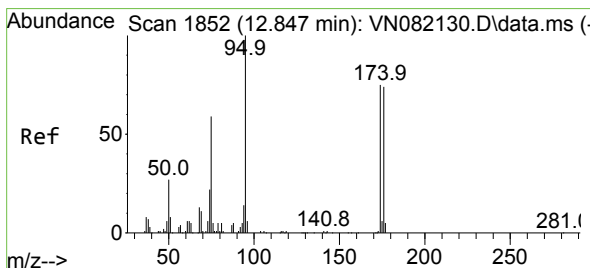
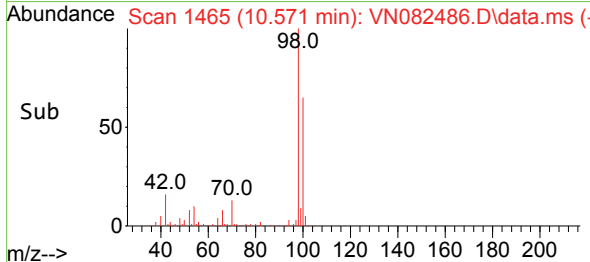
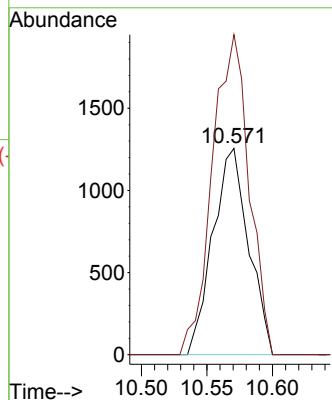
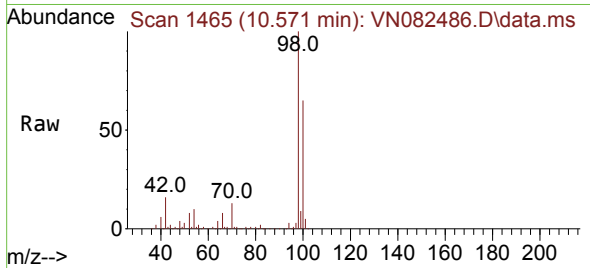




#51
4-Methyl-2-Pentanone
Concen: 0.684 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

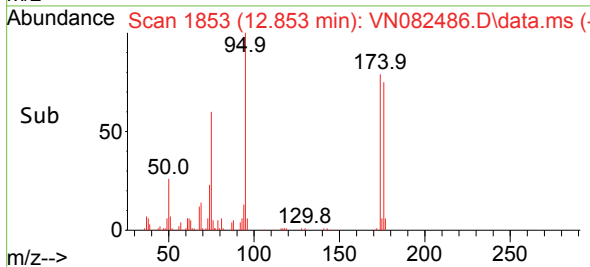
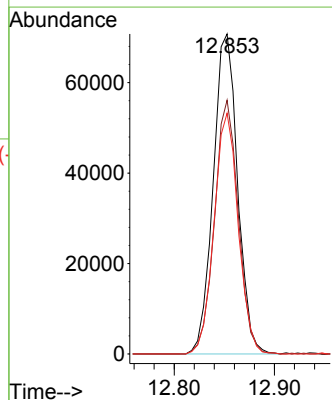
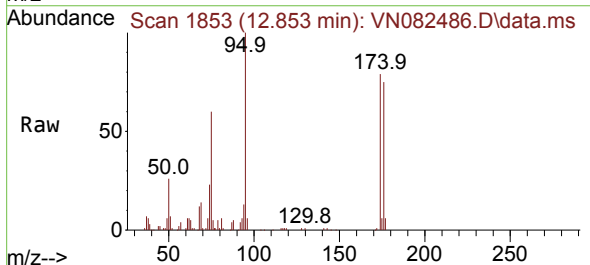
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

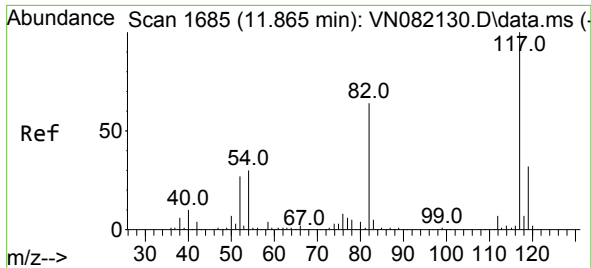
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
58 159.2 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 47.291 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 95 Resp: 119420
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 74.5 0.0 152.8

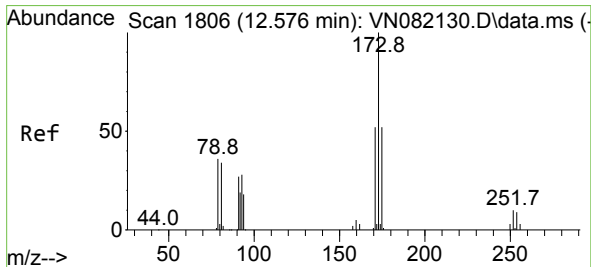
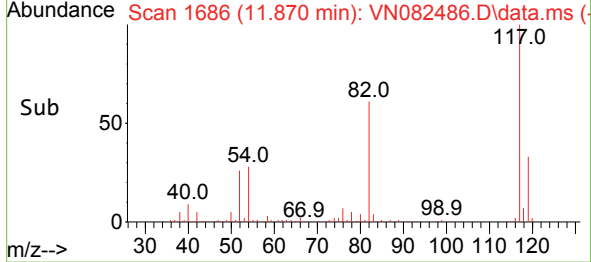
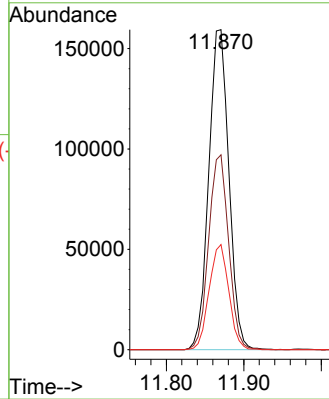
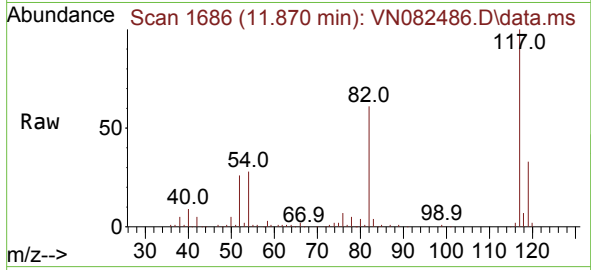




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

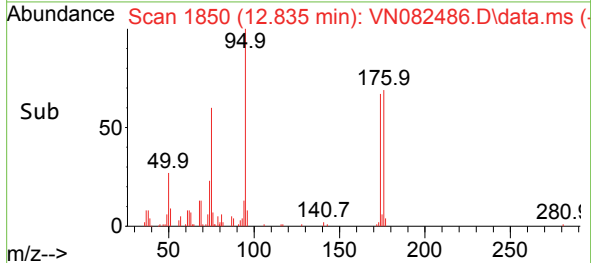
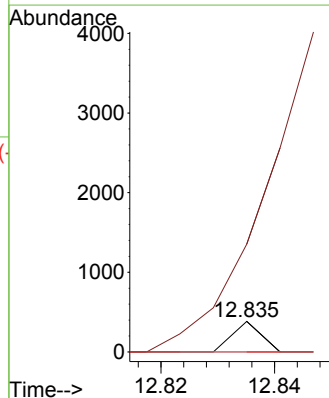
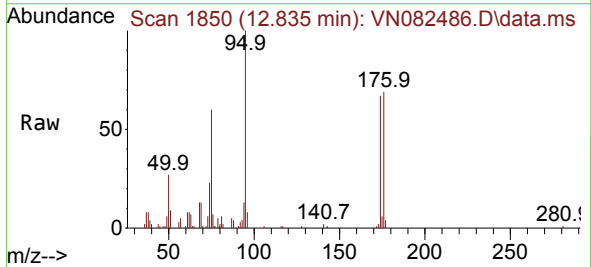
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240604

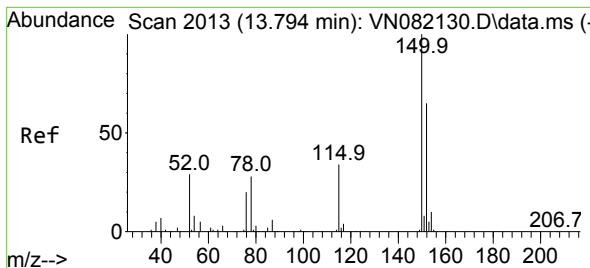
Tgt Ion:117 Resp: 287708
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 32.8 25.9 38.9



#71
Bromoform
Concen: 0.781 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion:173 Resp: 135
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# 20

Delta R.T. -0.000 min

Lab File: VN082486.D

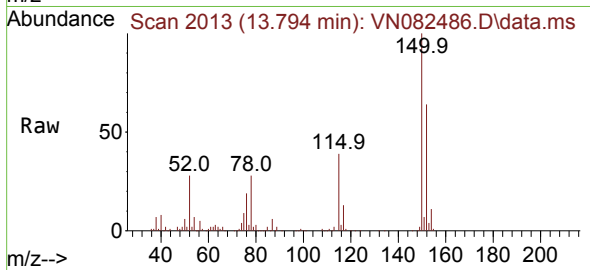
Acq: 07 Jun 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240604



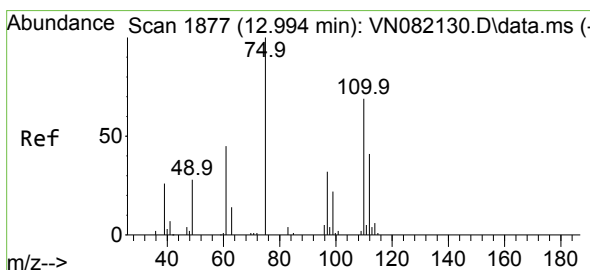
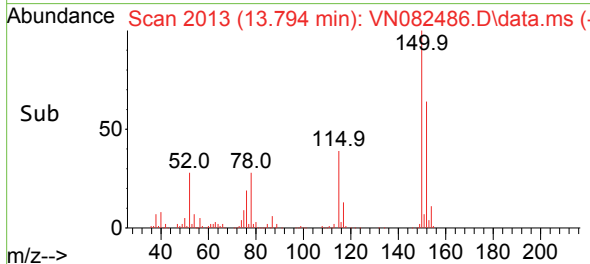
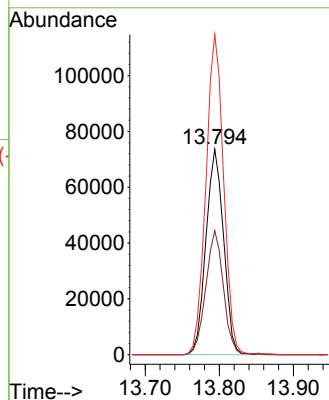
Tgt Ion:152 Resp: 122178

Ion Ratio Lower Upper

152 100

115 59.9 30.4 91.3

150 155.4 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.570 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082486.D

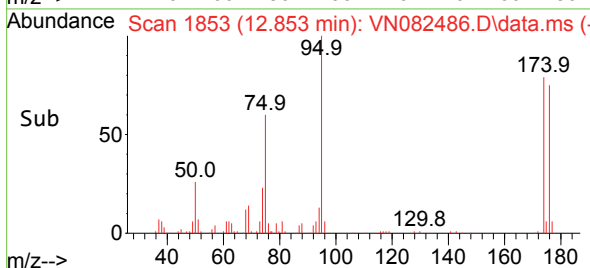
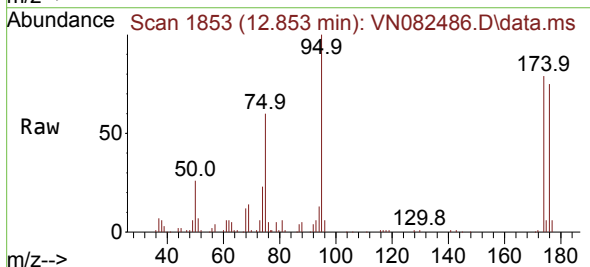
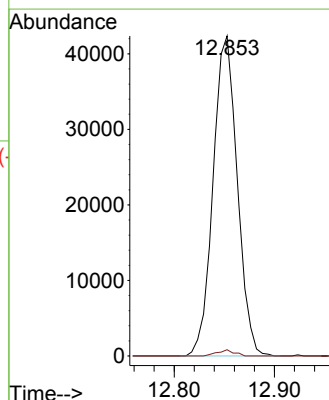
Acq: 07 Jun 2024 12:35

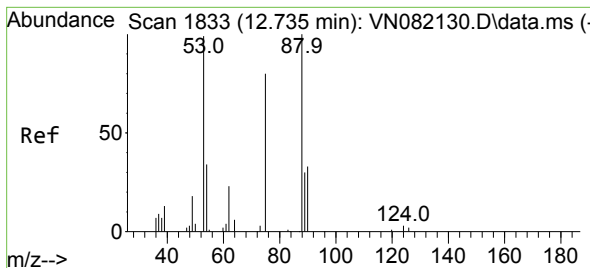
Tgt Ion: 75 Resp: 70897

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.484 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082486.D

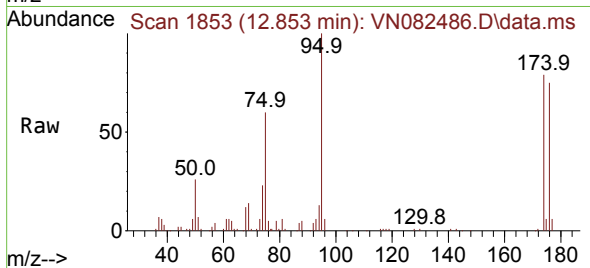
Acq: 07 Jun 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240604



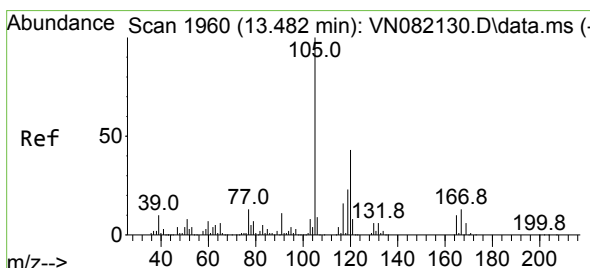
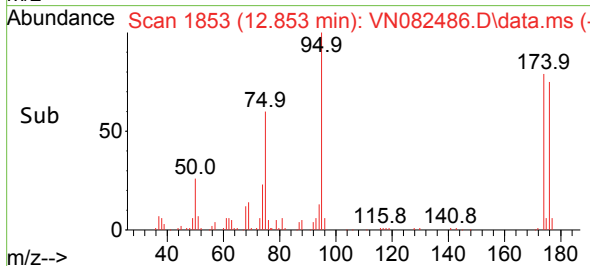
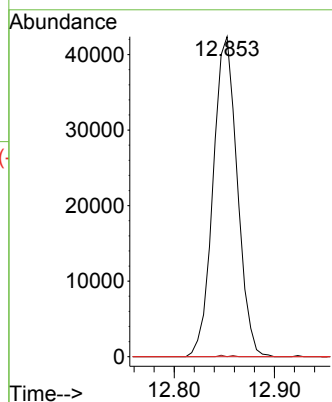
Tgt Ion: 75 Resp: 70897

Ion Ratio Lower Upper

75 100

53 0.2 72.9 109.3#

89 0.0 39.1 58.7#



#84

1,2,4-Trimethylbenzene

Concen: 0.375 ug/l

RT: 13.506 min Scan# 1964

Delta R.T. 0.023 min

Lab File: VN082486.D

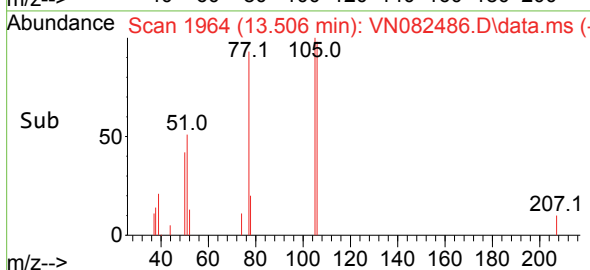
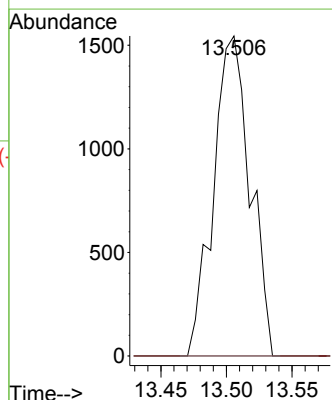
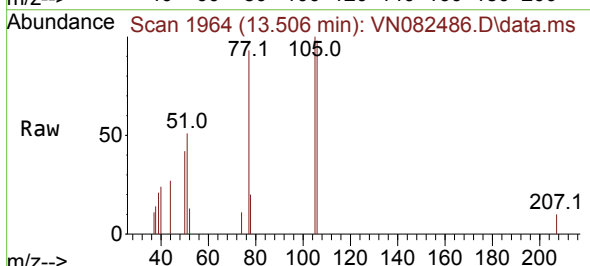
Acq: 07 Jun 2024 12:35

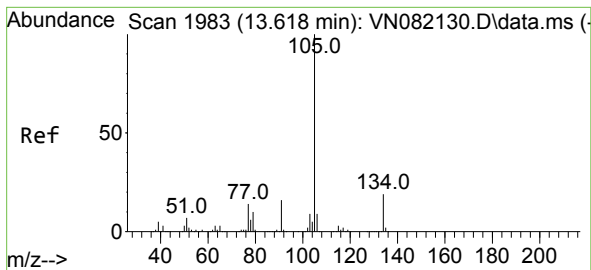
Tgt Ion:105 Resp: 3013

Ion Ratio Lower Upper

105 100

120 0.0 22.9 68.7#





#85

sec-Butylbenzene

Concen: 0.317 ug/l

RT: 13.506 min Scan# 19

Delta R.T. -0.112 min

Lab File: VN082486.D

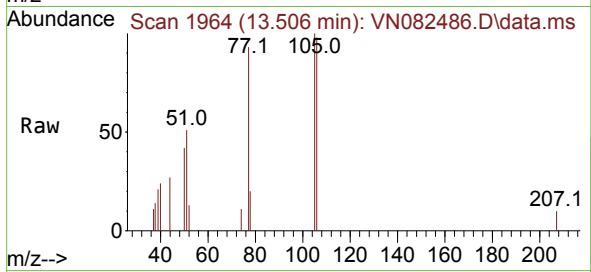
Acq: 07 Jun 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240604



Tgt Ion:105 Resp: 3013

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

