

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082481.D
 Acq On : 07 Jun 2024 10:24
 Operator : JC\MD
 Sample : VN0607WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBL01

Quant Time: Jun 08 00:53:31 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)

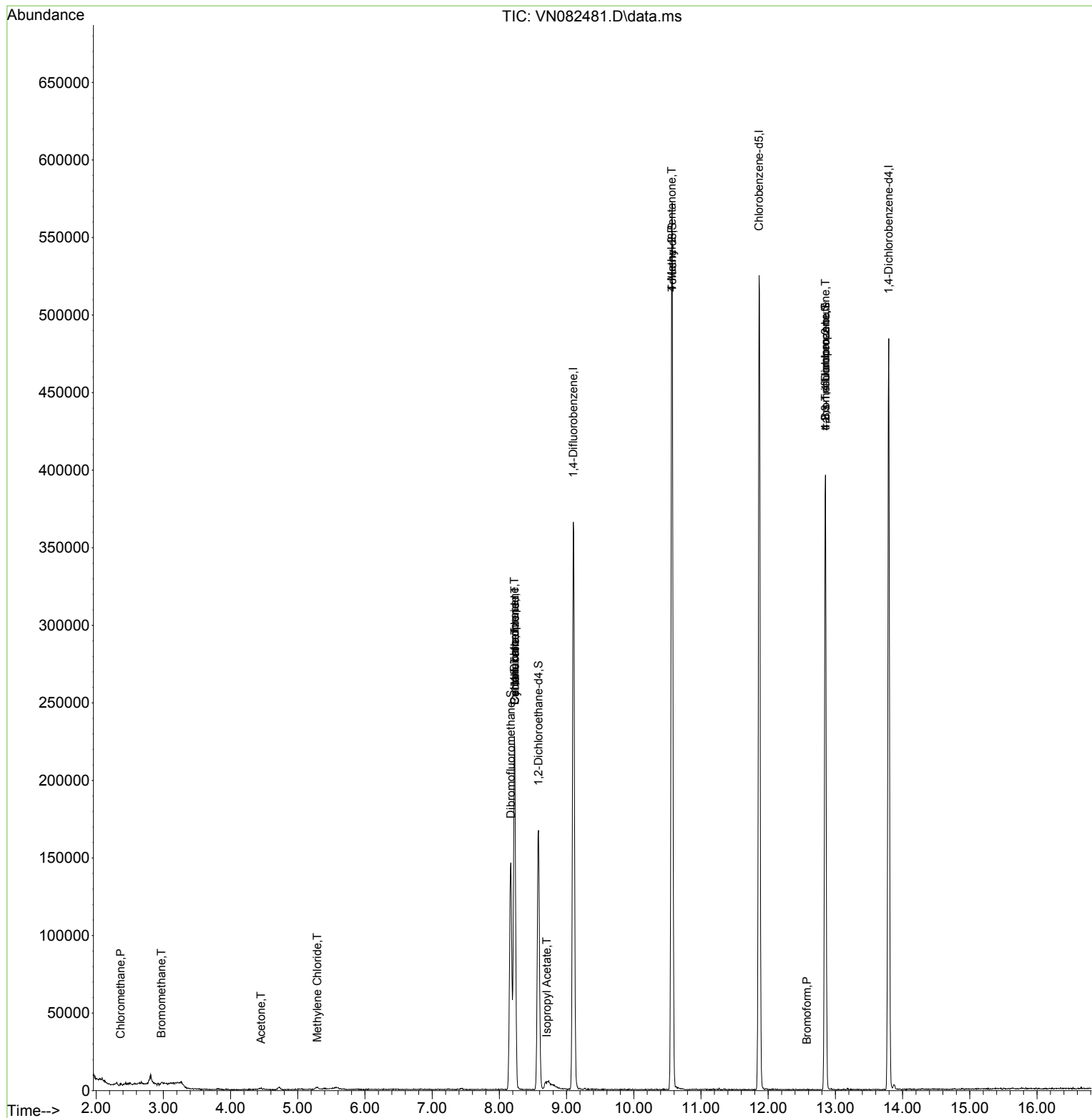
Internal Standards						
1) Pentafluorobenzene	8.230	168	157904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140022	56.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	112.320%	
35) Dibromofluoromethane	8.171	113	102589	57.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	115.440%	
50) Toluene-d8	10.571	98	376153	55.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	110.400%	
62) 4-Bromofluorobenzene	12.853	95	124670	51.258	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	102.520%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	724	0.281	ug/l #	43
5) Bromomethane	2.971	94	461	0.331	ug/l	96
16) Acetone	4.453	43	1924	1.881	ug/l	95
20) Methylene Chloride	5.289	84	541	0.262	ug/l #	49
31) Cyclohexane	8.230	56	4627	1.162	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	14778	4.957	ug/l #	48
38) Carbon Tetrachloride	8.230	117	16650	5.510	ug/l #	16
43) Isopropyl Acetate	8.706	43	4967	0.840	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2386	0.710	ug/l #	1
71) Bromoform	12.576	173	65	0.740	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	74479	29.197	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74479	68.292	ug/l #	12

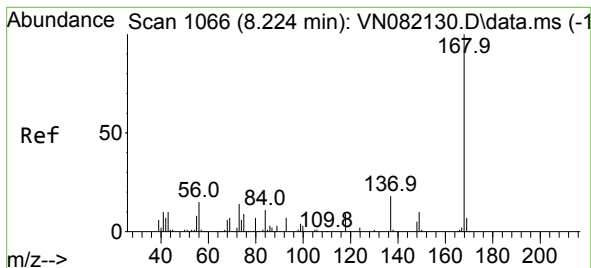
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Jun 08 00:53:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082481.D

Acq: 07 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

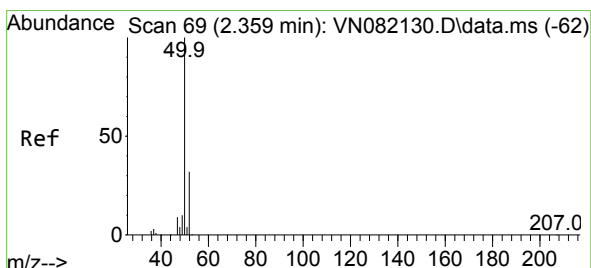
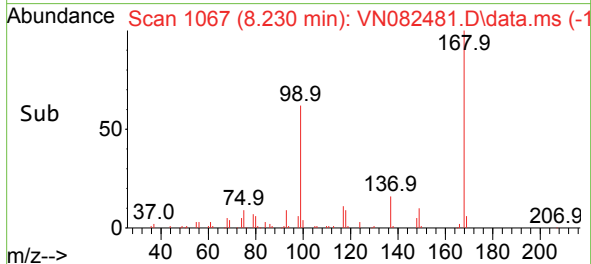
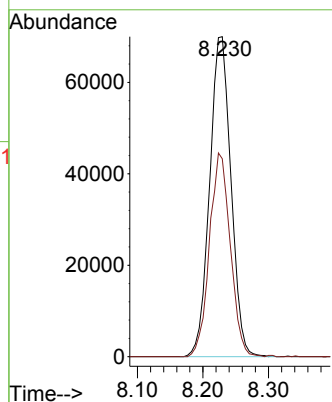
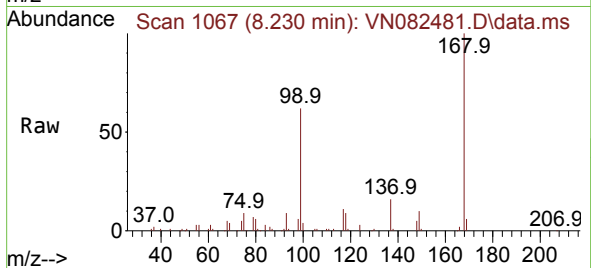
VN0607WBL01

Tgt Ion:168 Resp: 157904

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



#3

Chloromethane

Concen: 0.281 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082481.D

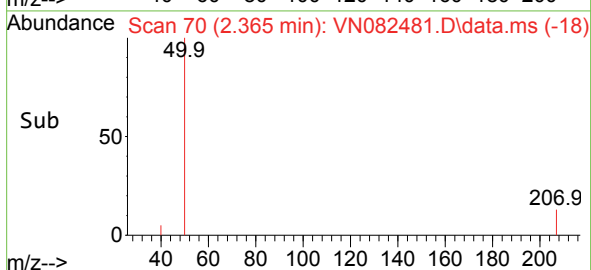
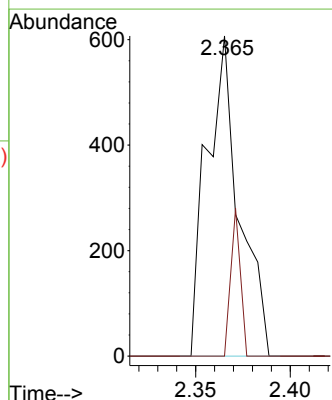
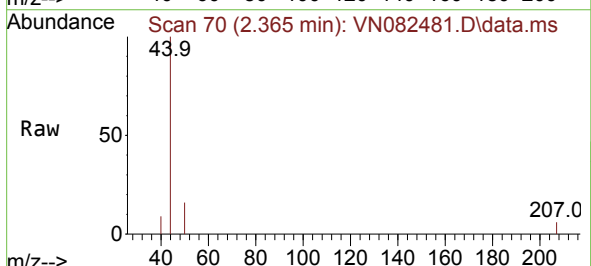
Acq: 07 Jun 2024 10:24

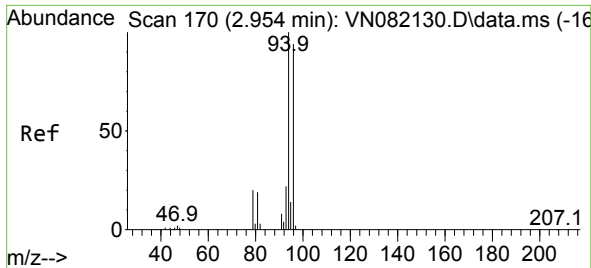
Tgt Ion: 50 Resp: 724

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

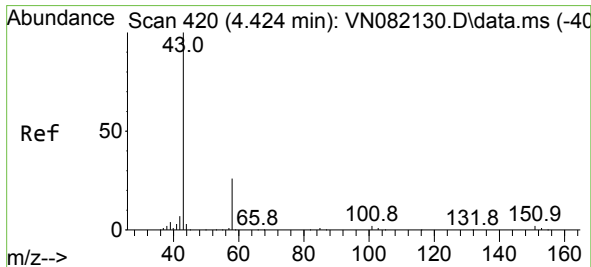
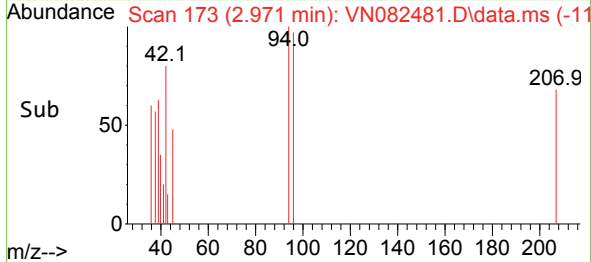
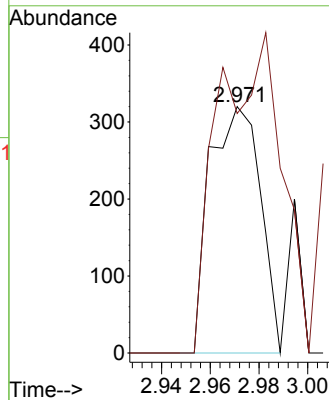
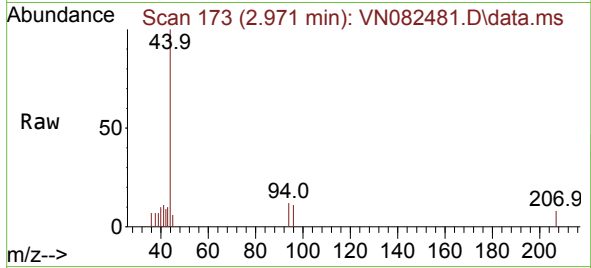




#5
Bromomethane
Concen: 0.331 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

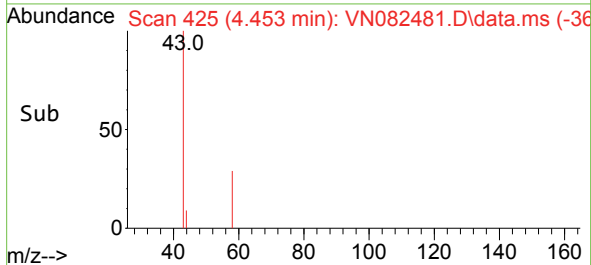
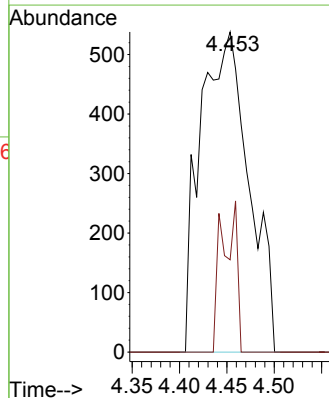
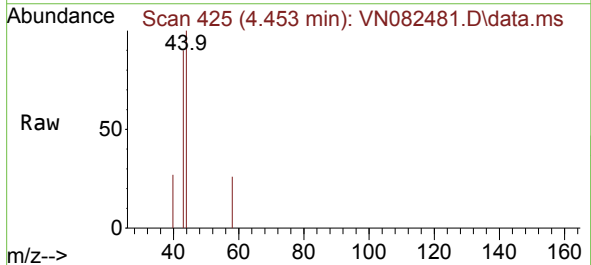
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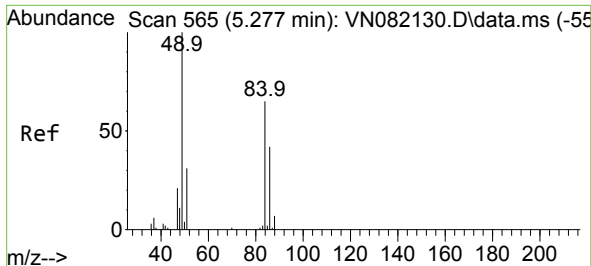
Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 97.2 74.8 112.2



#16
Acetone
Concen: 1.881 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 28.8 25.2 37.8

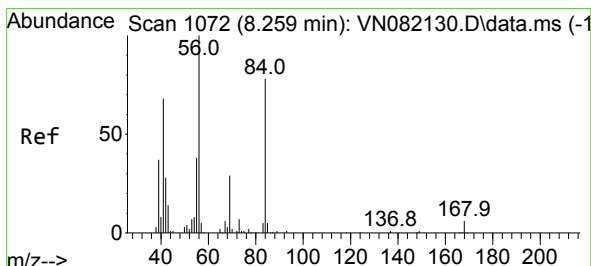
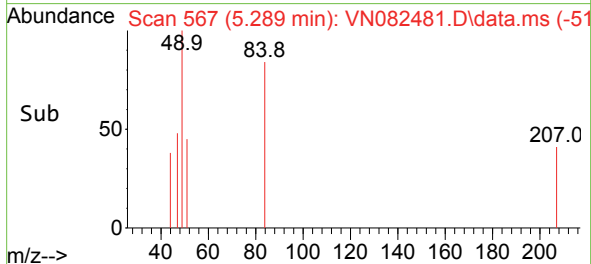
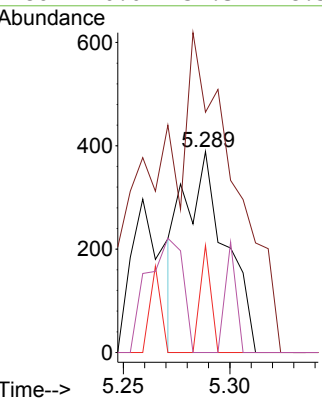
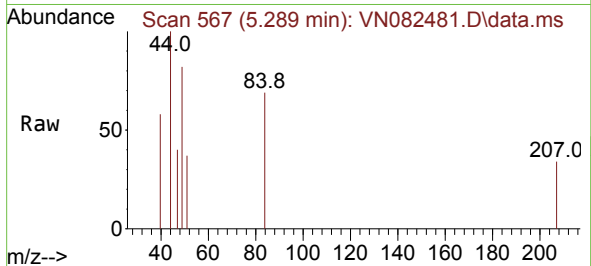




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

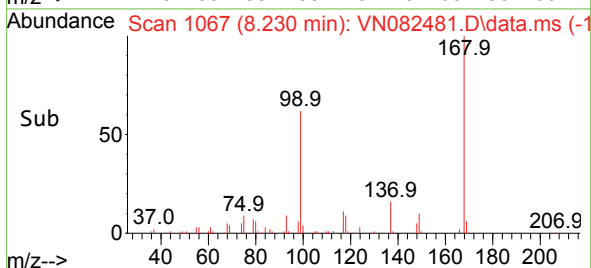
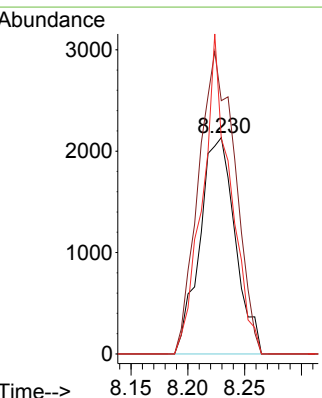
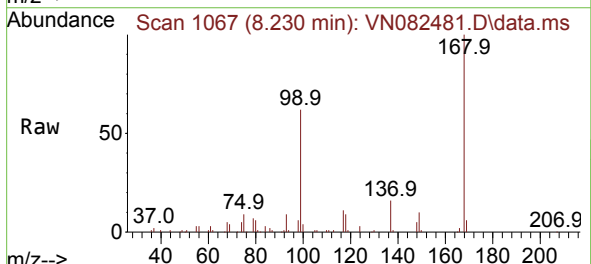
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

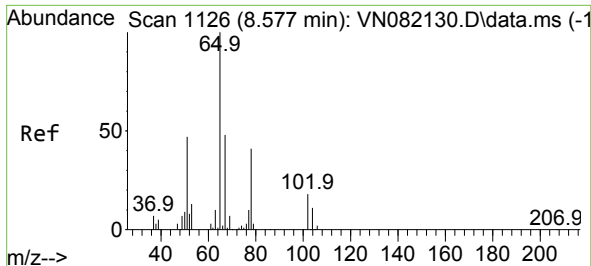
Tgt Ion:	84	Resp:	541
Ion	Ratio	Lower	Upper
84	100		
49	67.9	84.9	127.3#
51	53.2	27.0	40.6#
86	0.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

Tgt Ion:	56	Resp:	4627
Ion	Ratio	Lower	Upper
56	100		
69	117.1	24.4	36.6#
84	99.4	77.0	115.4

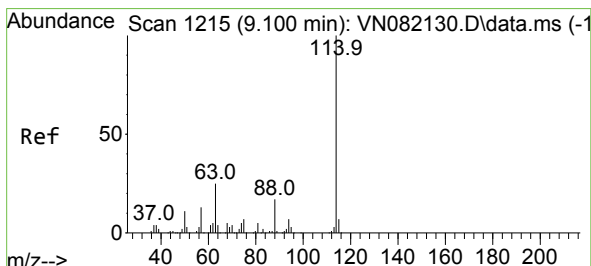
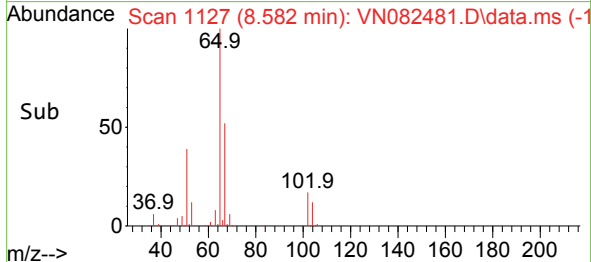
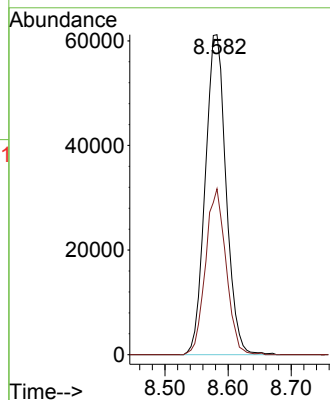
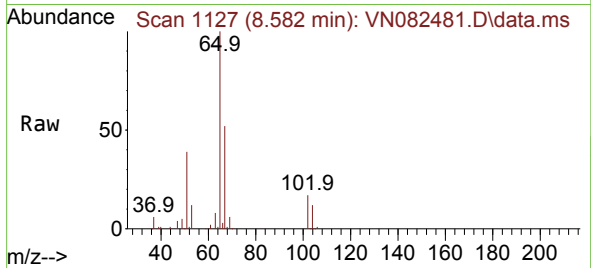




#33
1,2-Dichloroethane-d4
Concen: 56.158 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

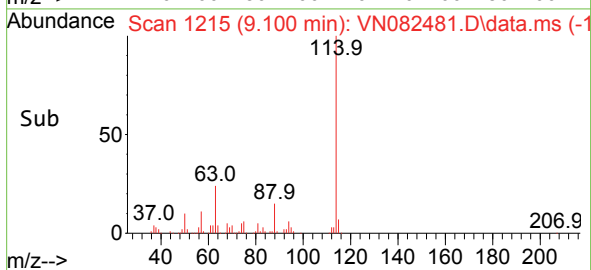
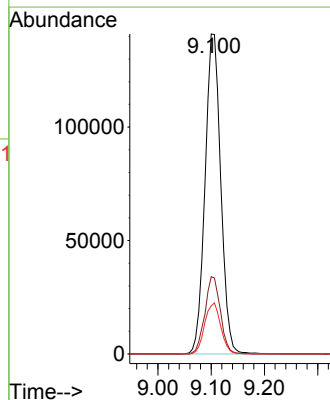
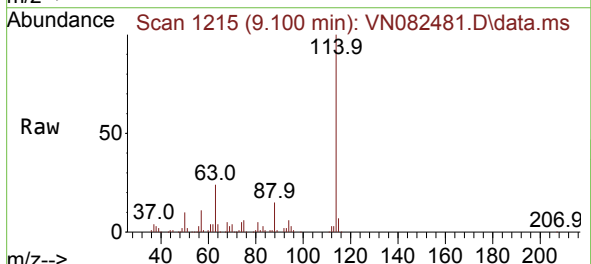
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

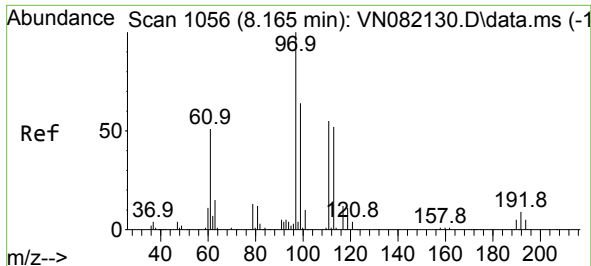
Tgt Ion: 65 Resp: 140022
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

Tgt Ion: 114 Resp: 288932
Ion Ratio Lower Upper
114 100
63 24.1 0.0 41.0
88 15.0 0.0 31.4

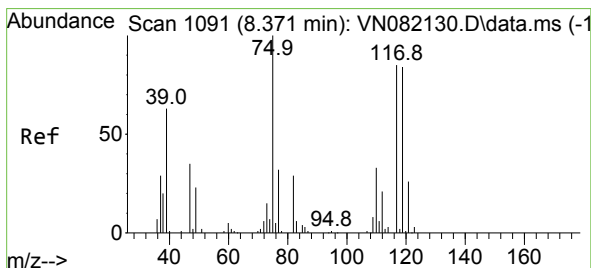
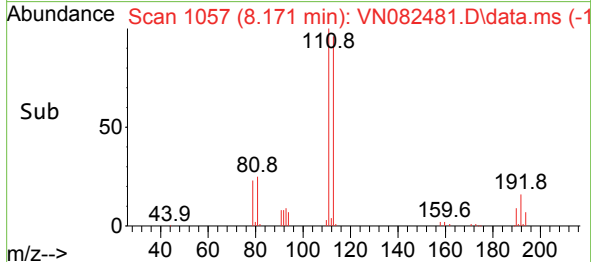
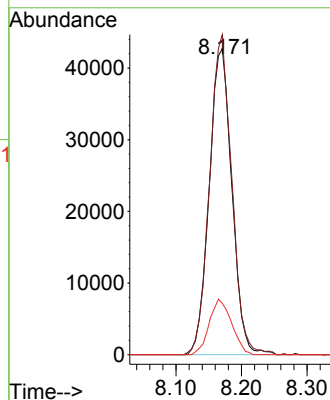
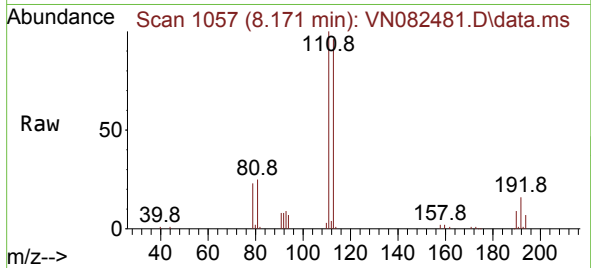




#35
Dibromofluoromethane
Concen: 57.719 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

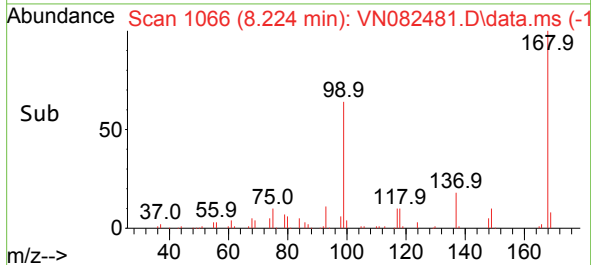
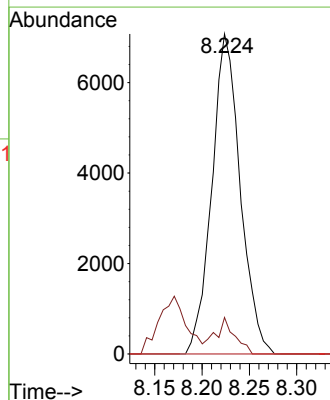
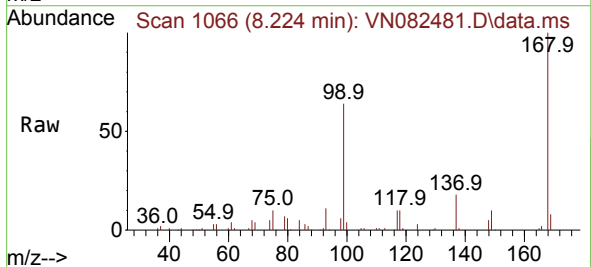
Instrument :
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ClientSampleId :
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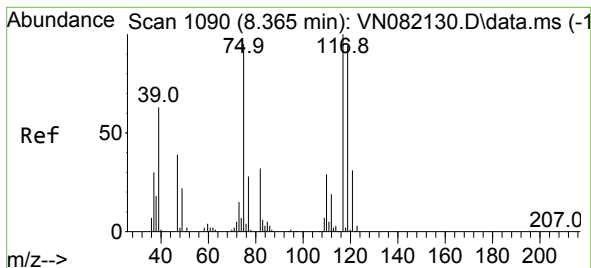
Tgt Ion:113 Resp: 102589
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 17.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

Tgt Ion: 75 Resp: 14778
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.510 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN082481.D

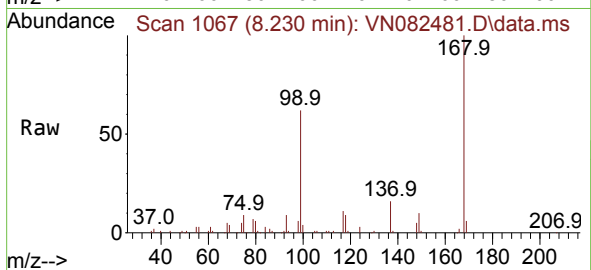
Acq: 07 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBL01



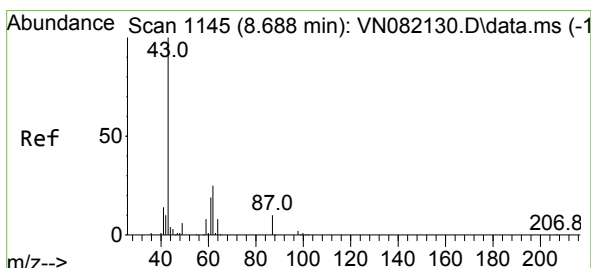
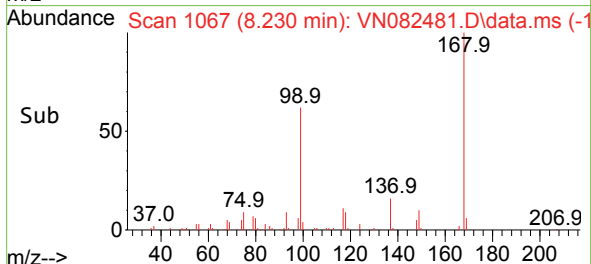
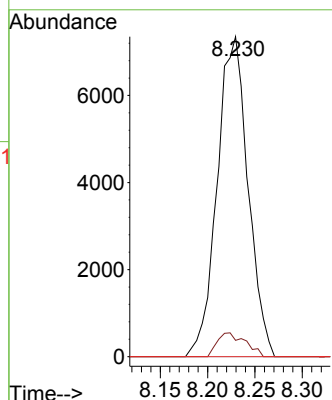
Tgt Ion:117 Resp: 16650

Ion Ratio Lower Upper

117 100

119 5.1 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.840 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN082481.D

Acq: 07 Jun 2024 10:24

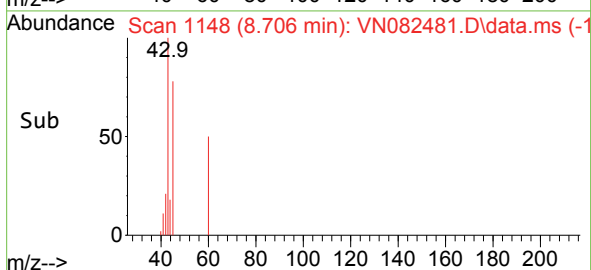
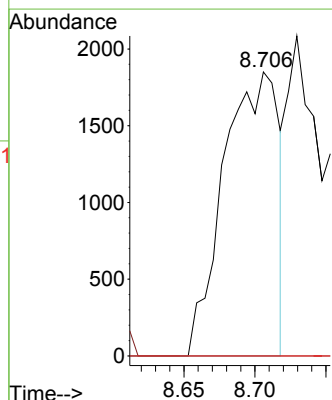
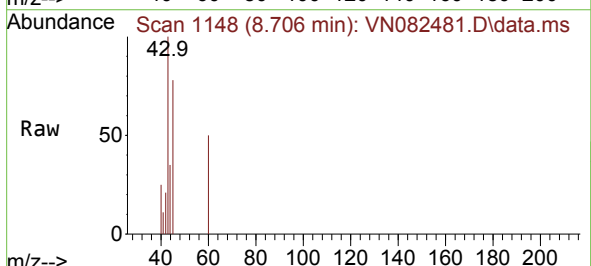
Tgt Ion: 43 Resp: 4967

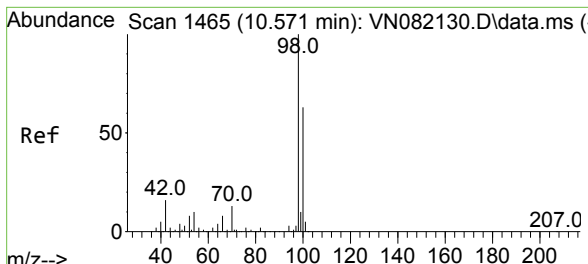
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

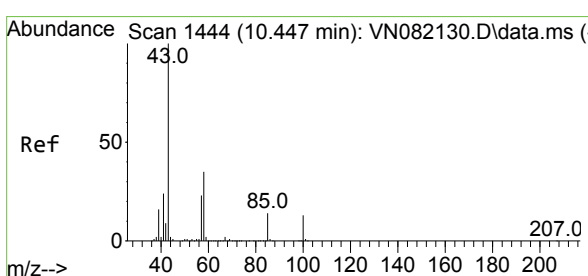
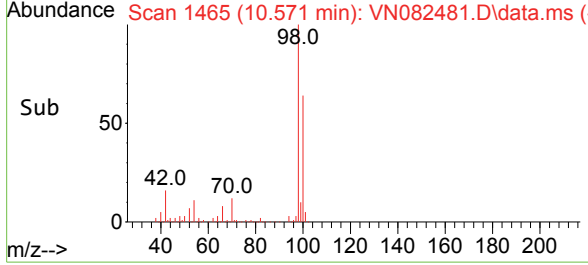
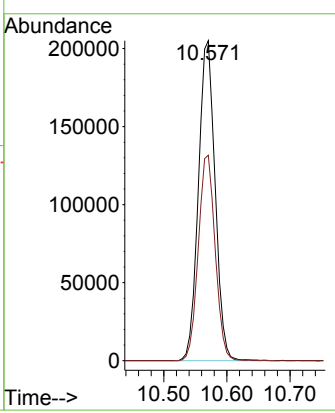
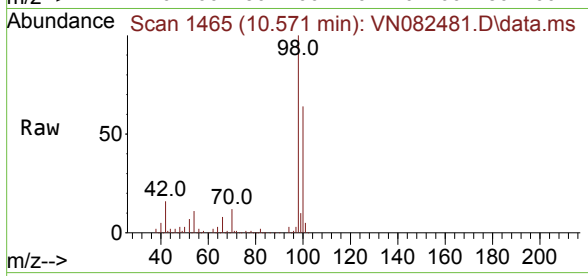




#50
 Toluene-d8
 Concen: 55.200 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN082481.D
 Acq: 07 Jun 2024 10:24

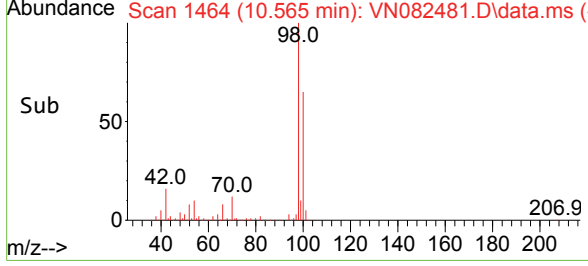
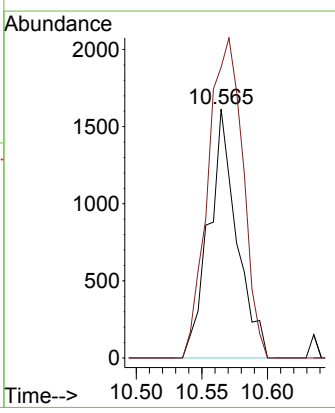
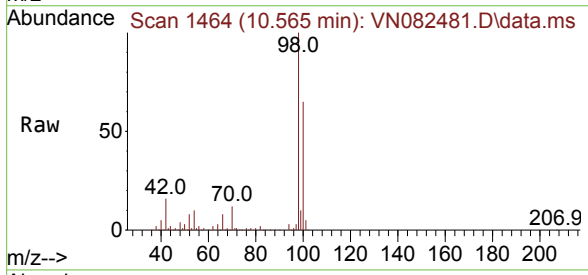
Instrument : MSVOA_N
 ClientSampleId : VN0607WBL01

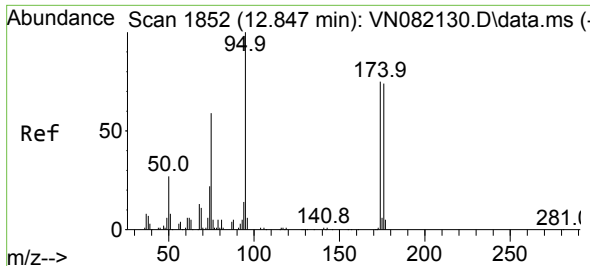
Tgt Ion:	98	Resp:	376153
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.8	77.6



#51
 4-Methyl-2-Pentanone
 Concen: 0.710 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.118 min
 Lab File: VN082481.D
 Acq: 07 Jun 2024 10:24

Tgt Ion:	43	Resp:	2386
Ion Ratio	Lower	Upper	
43	100		
58	160.7	33.2	49.8#

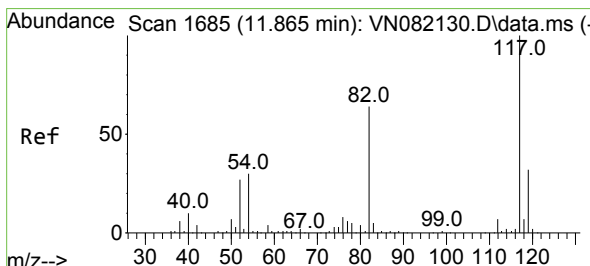
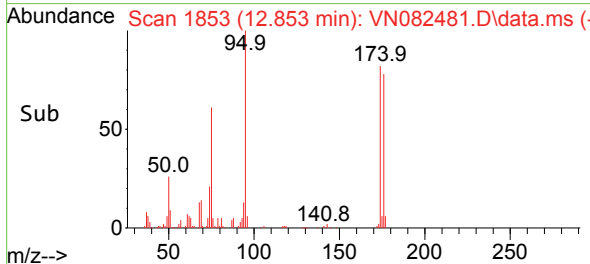
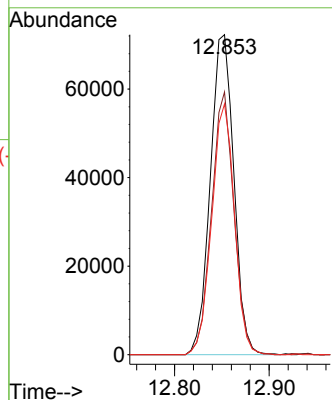
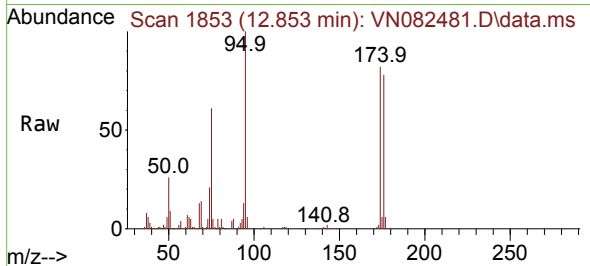




#62
4-Bromofluorobenzene
Concen: 51.258 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

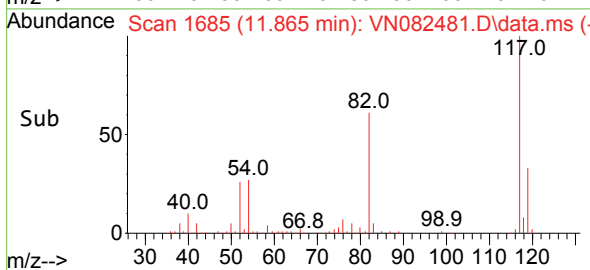
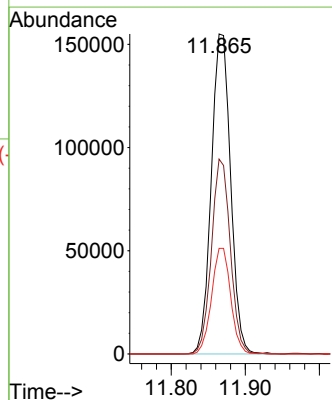
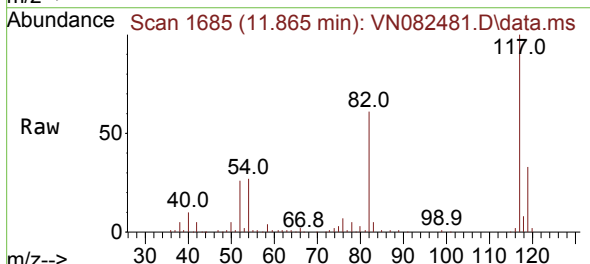
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

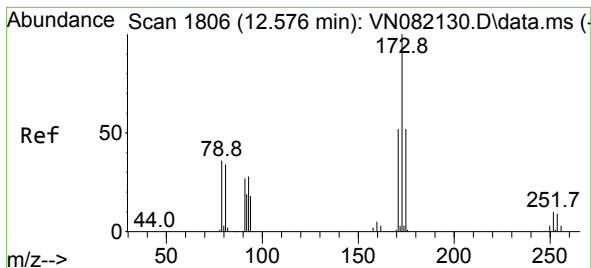
Tgt Ion: 95 Resp: 124670
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.6
176 75.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082481.D
Acq: 07 Jun 2024 10:24

Tgt Ion: 117 Resp: 280557
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 33.0 25.9 38.9





#71

Bromoform

Concen: 0.740 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082481.D

Acq: 07 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBL01

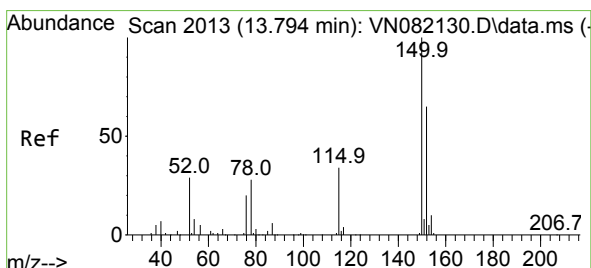
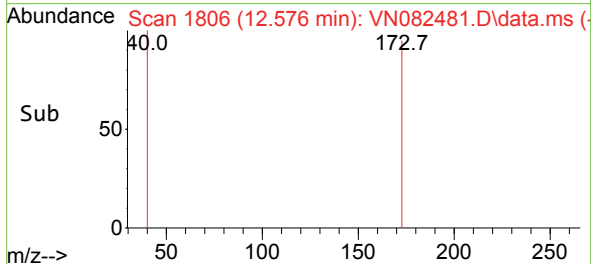
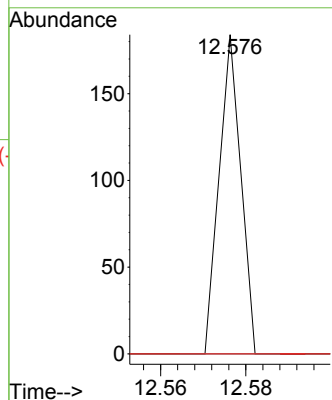
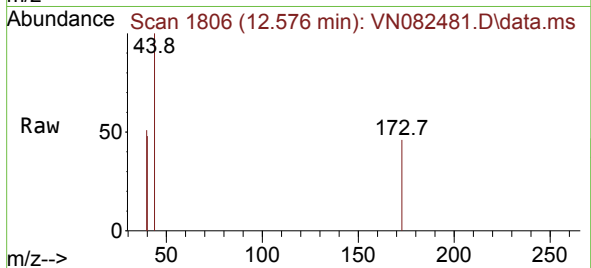
Tgt Ion:173 Resp: 65

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: VN082481.D

Acq: 07 Jun 2024 10:24

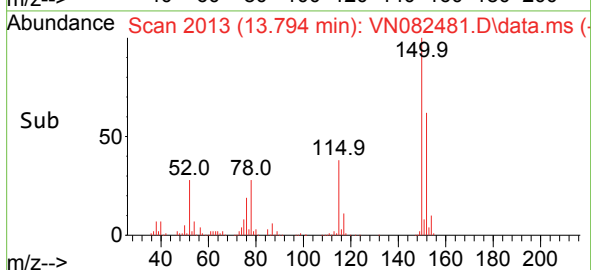
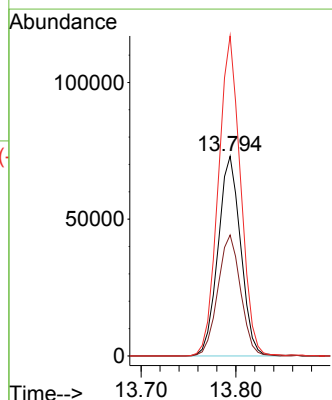
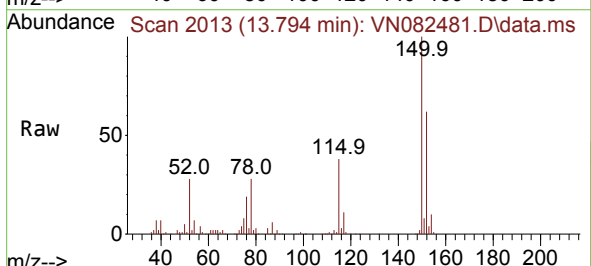
Tgt Ion:152 Resp: 121195

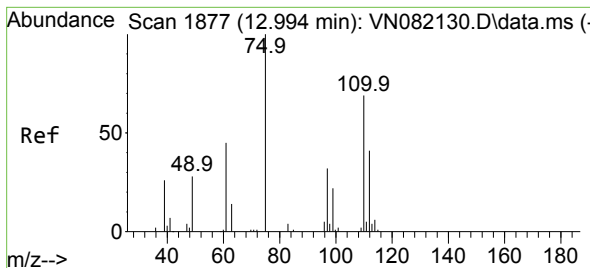
Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 157.5 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 29.197 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082481.D

Acq: 07 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

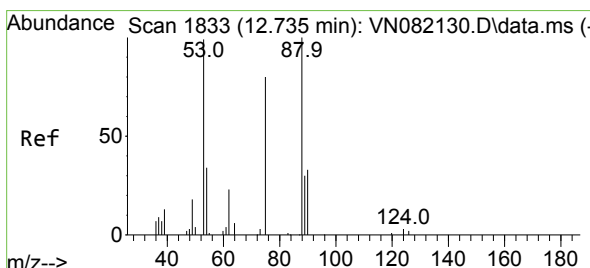
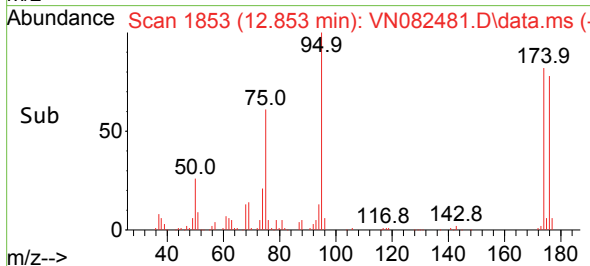
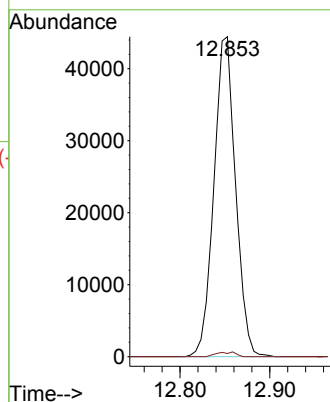
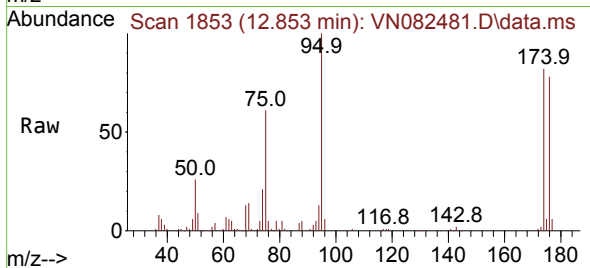
VN0607WBL01

Tgt Ion: 75 Resp: 74479

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.292 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082481.D

Acq: 07 Jun 2024 10:24

Tgt Ion: 75 Resp: 74479

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

