

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082583.D
 Acq On : 14 Jun 2024 15:14
 Operator : JC\MD
 Sample : P2891-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-400-402

Quant Time: Jun 14 23:46:51 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)

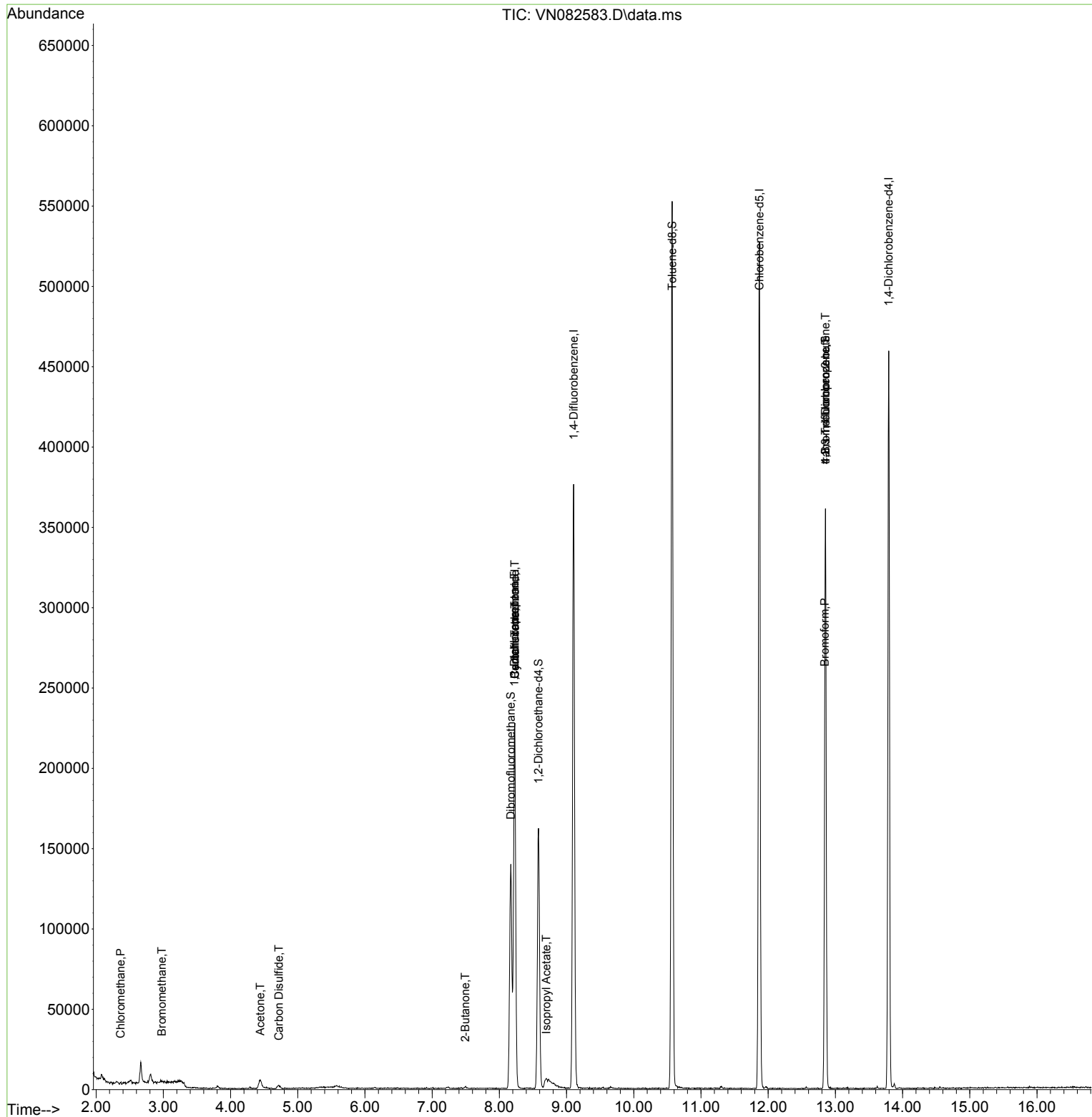
Internal Standards						
1) Pentafluorobenzene	8.230	168	157014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	282634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133364	53.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	8.171	113	97597	53.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.920%	
50) Toluene-d8	10.571	98	358426	51.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.853	95	113932	46.032	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	944	0.368	ug/l	92
5) Bromomethane	2.977	94	520	0.375	ug/l #	80
16) Acetone	4.442	43	10690	10.511	ug/l	95
17) Carbon Disulfide	4.718	76	3460	0.625	ug/l #	74
25) 2-Butanone	7.494	43	1608	1.043	ug/l #	43
31) Cyclohexane	8.230	56	4535	1.145	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	14287	4.710	ug/l #	48
38) Carbon Tetrachloride	8.230	117	17257	5.612	ug/l #	17
43) Isopropyl Acetate	8.700	43	6078	1.010	ug/l #	52
71) Bromoform	12.841	173	384	0.932	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	67941	27.402	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67941	64.093	ug/l #	12

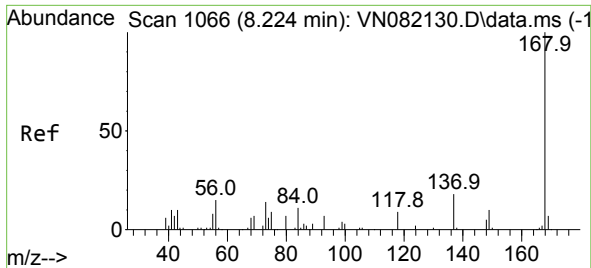
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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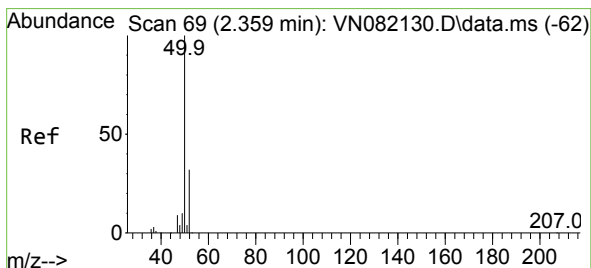
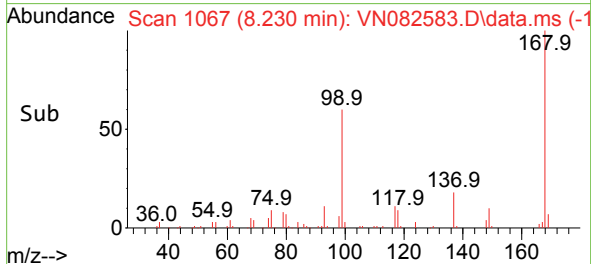
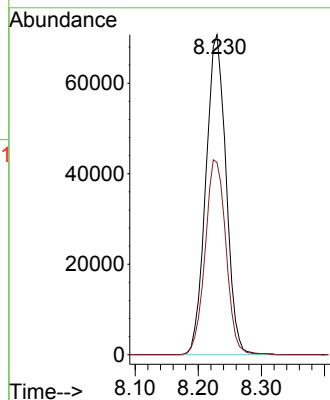
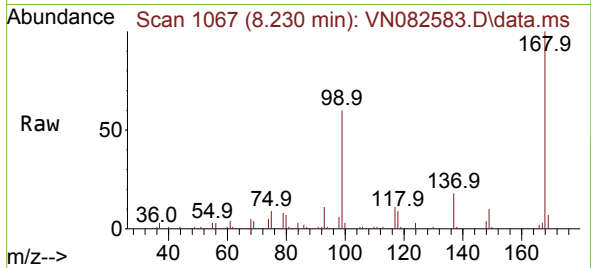




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

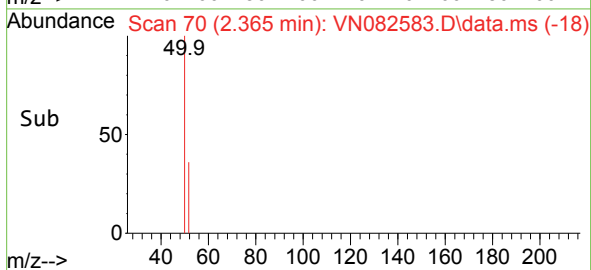
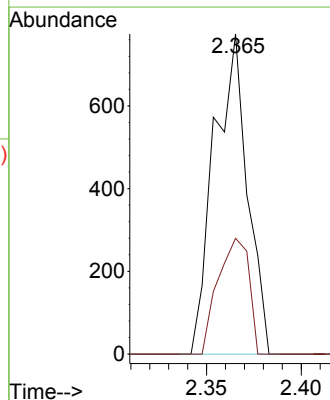
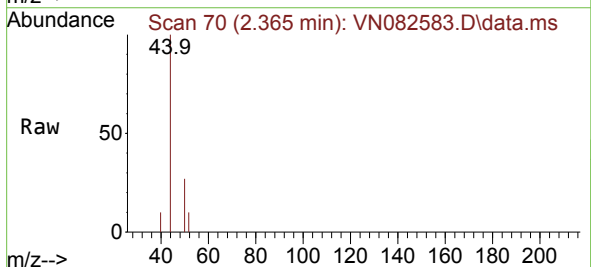
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

Tgt Ion:168 Resp: 157014
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#3
Chloromethane
Concen: 0.368 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 36.2 25.5 38.3

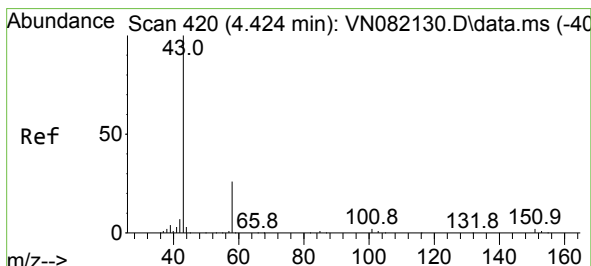
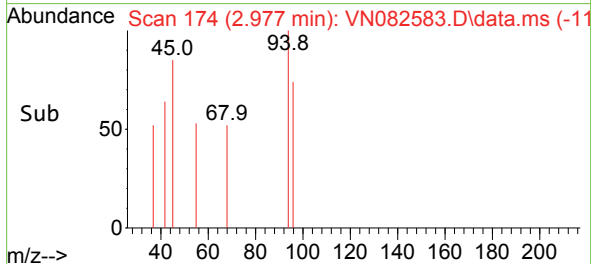
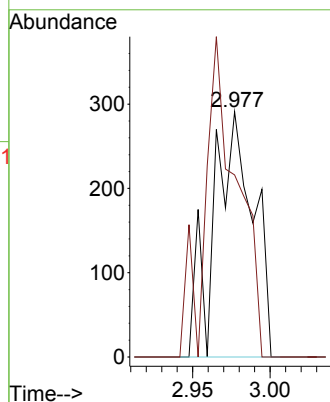
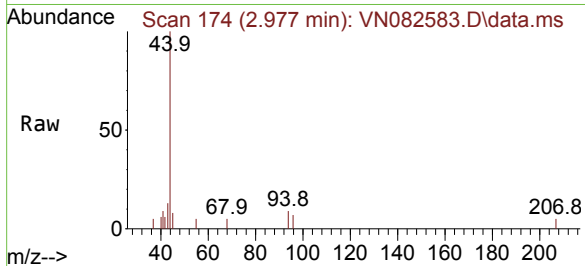




#5
Bromomethane
Concen: 0.375 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

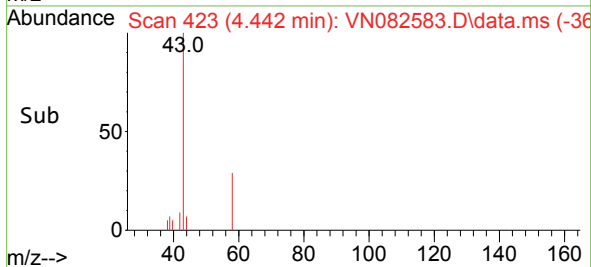
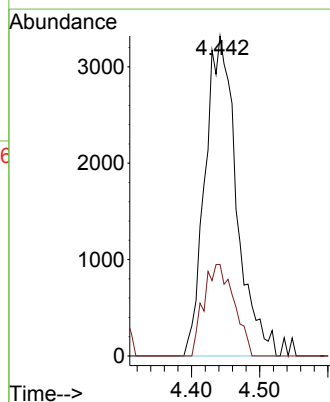
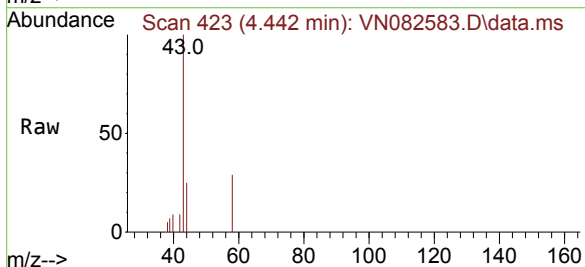
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

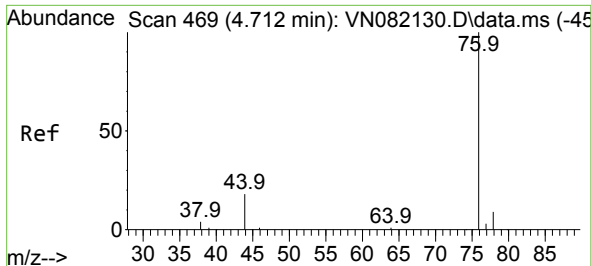
Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 74.2 74.8 112.2#



#16
Acetone
Concen: 10.511 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 43 Resp: 10690
Ion Ratio Lower Upper
43 100
58 28.6 25.2 37.8

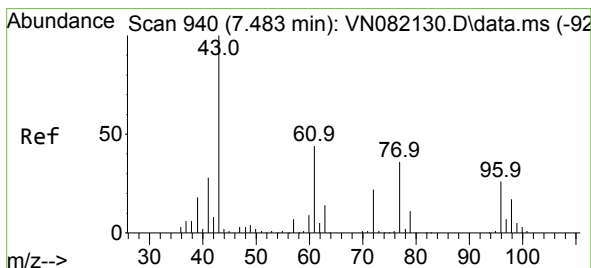
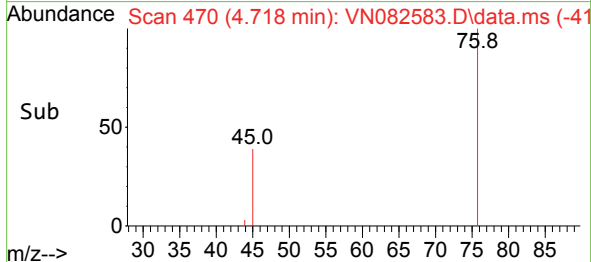
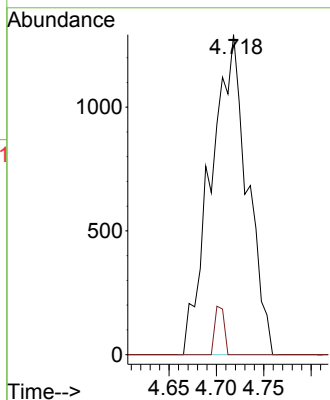
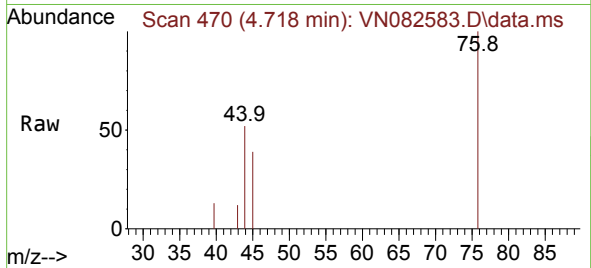




#17
Carbon Disulfide
Concen: 0.625 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

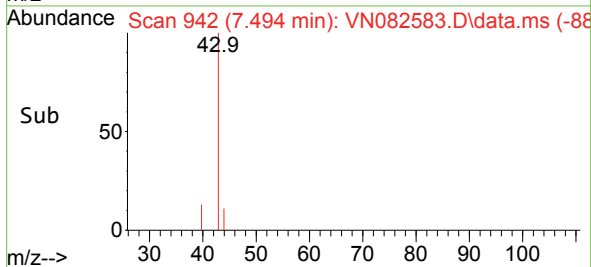
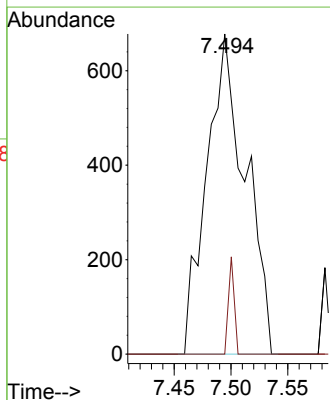
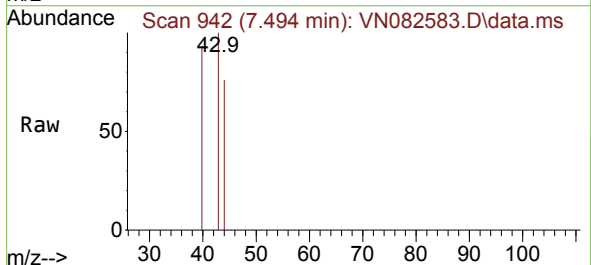
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

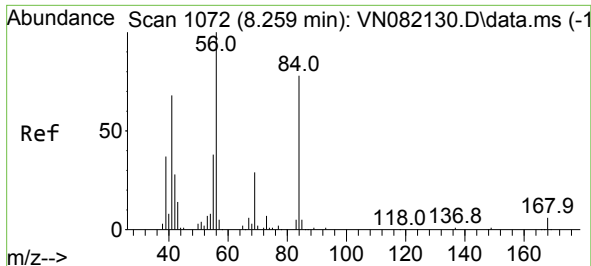
Tgt Ion: 76 Resp: 3460
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 1.043 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

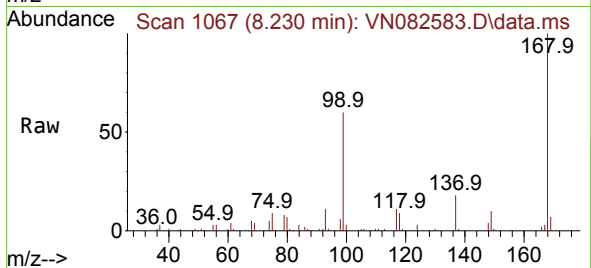
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



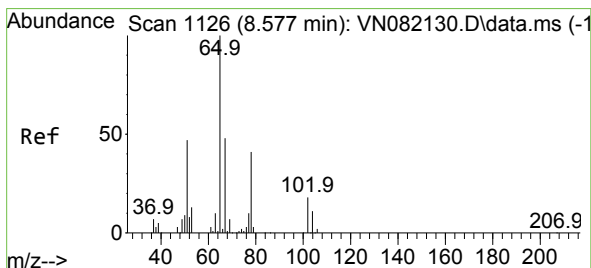
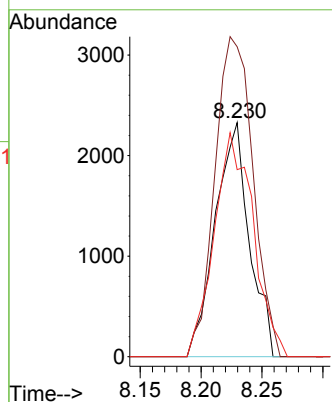
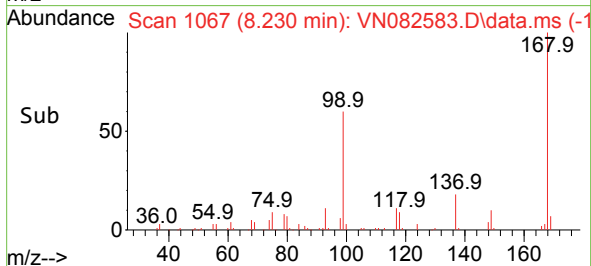


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

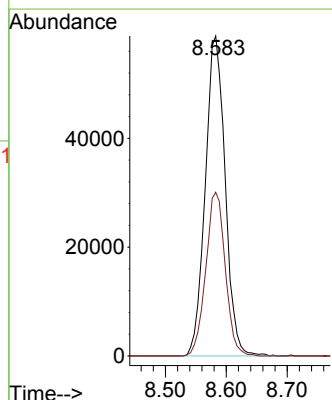
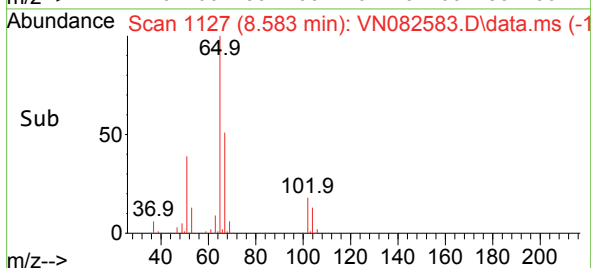
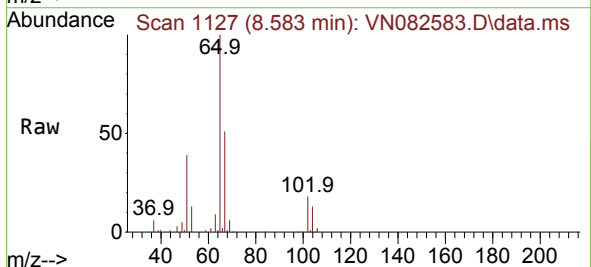


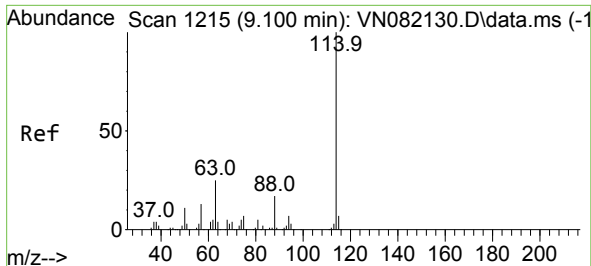
Tgt Ion: 56 Resp: 4535
Ion Ratio Lower Upper
56 100
69 132.4 24.4 36.6#
84 79.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.791 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 65 Resp: 133364
Ion Ratio Lower Upper
65 100
67 50.2 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: VN082583.D

Acq: 14 Jun 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-400-402

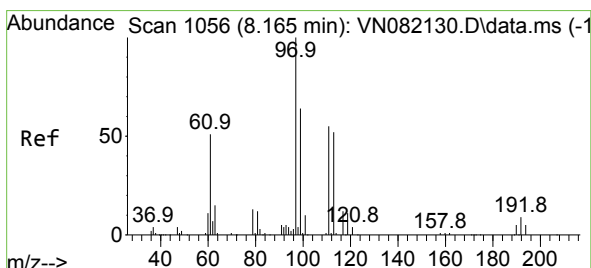
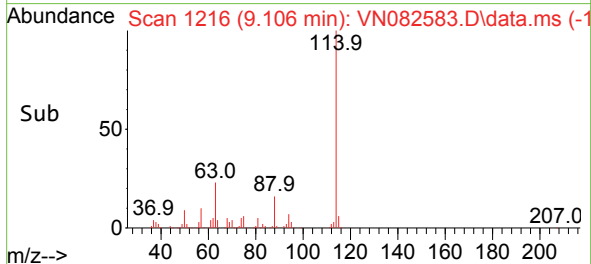
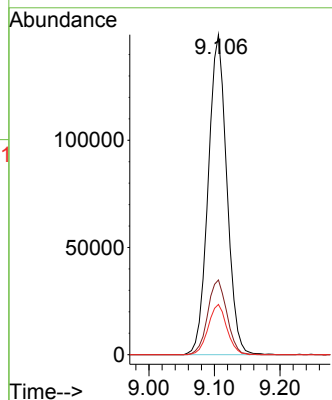
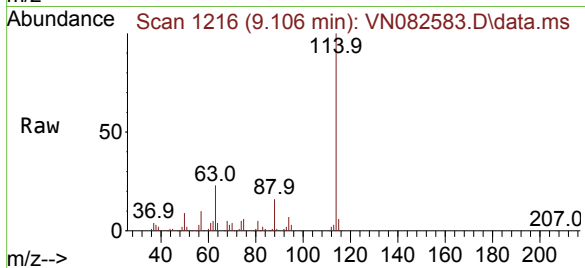
Tgt Ion:114 Resp: 294027

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.959 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082583.D

Acq: 14 Jun 2024 15:14

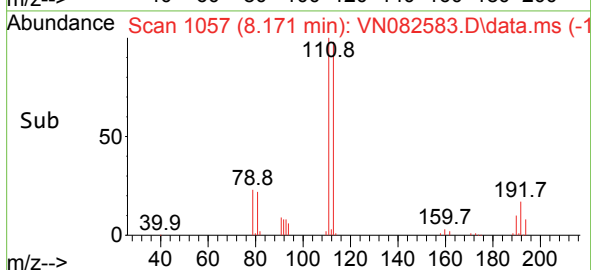
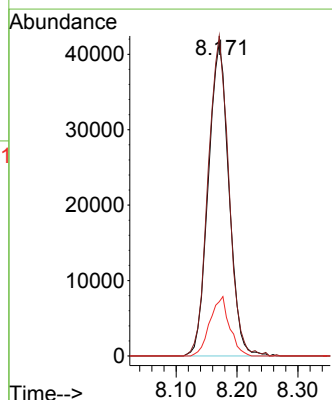
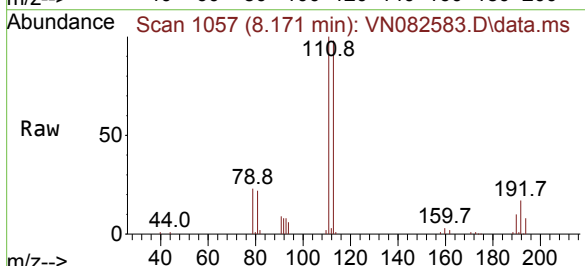
Tgt Ion:113 Resp: 97597

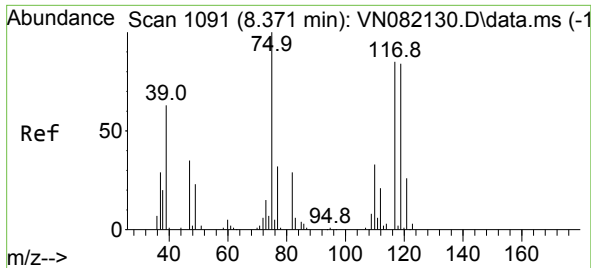
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 18.0 14.0 21.0

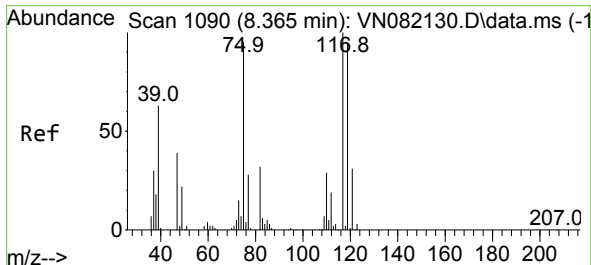
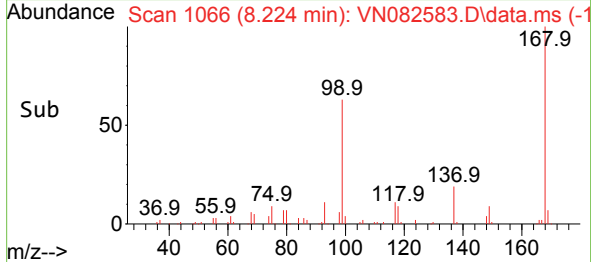
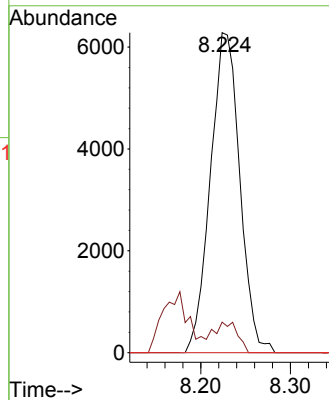
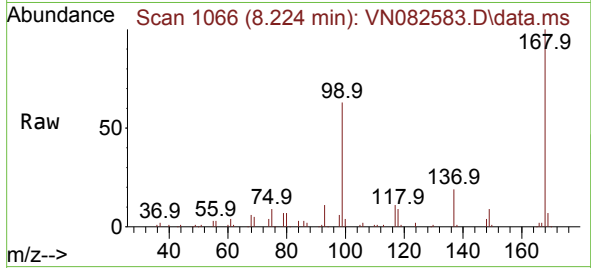




#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

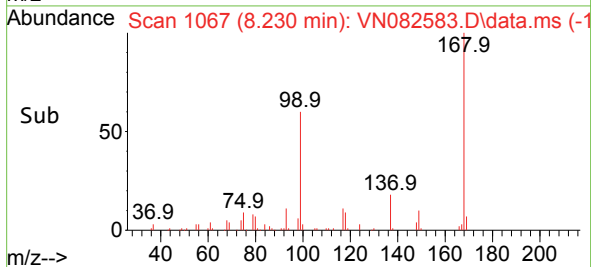
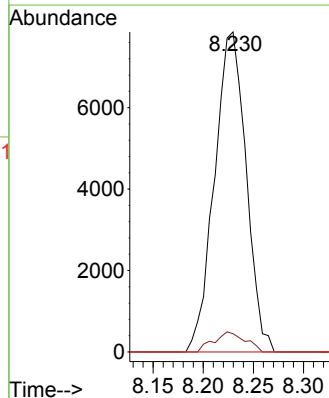
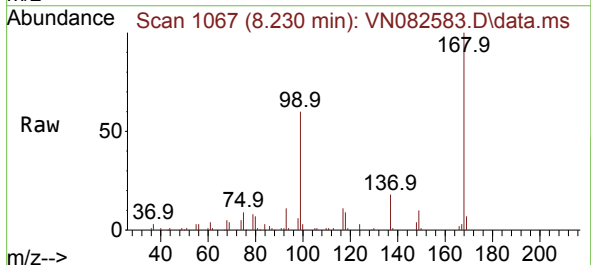
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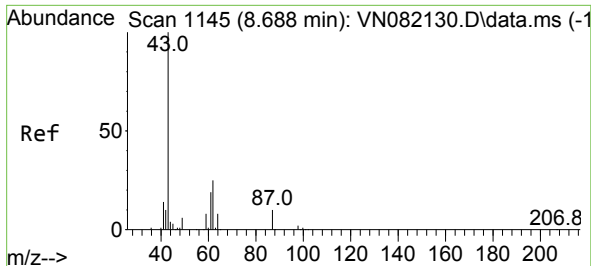
Tgt Ion: 75 Resp: 14287
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 117 Resp: 17257
Ion Ratio Lower Upper
117 100
119 5.7 76.5 114.7#
121 0.0 23.9 35.9#

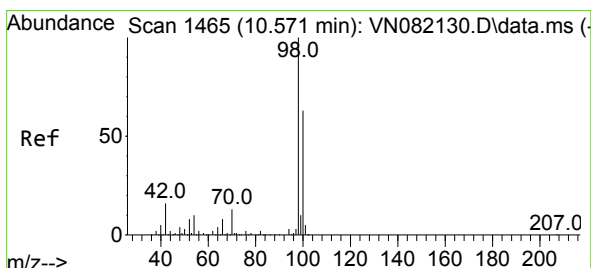
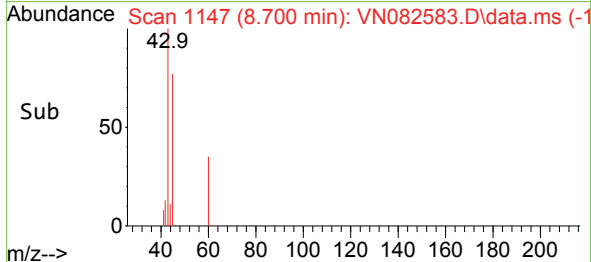
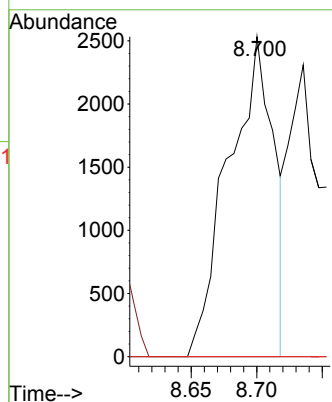
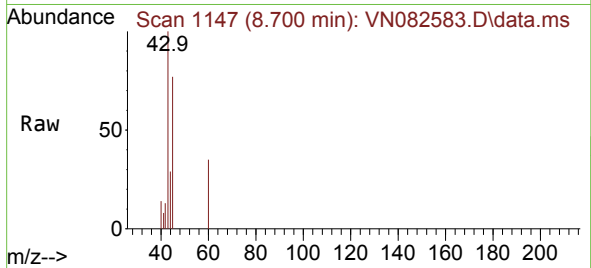




#43
Isopropyl Acetate
Concen: 1.010 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

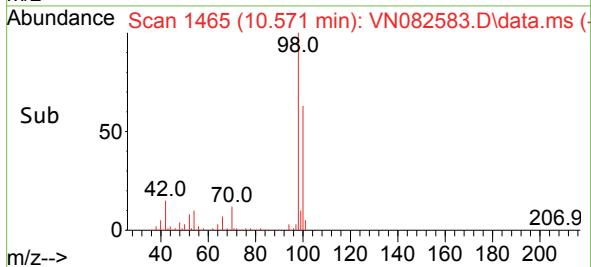
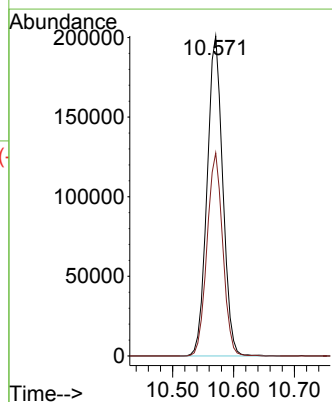
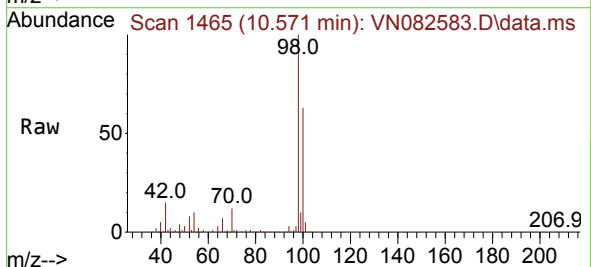
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

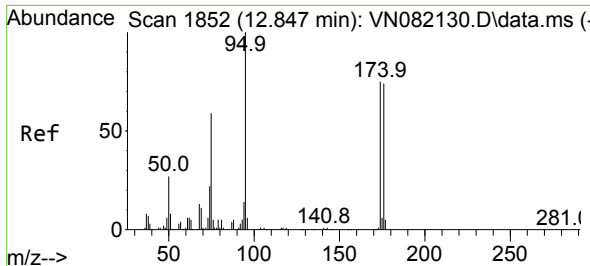
Tgt Ion: 43 Resp: 6078
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.687 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 98 Resp: 358426
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

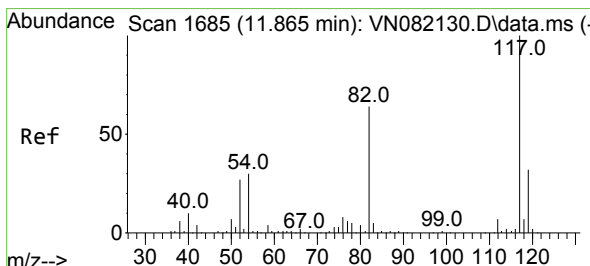
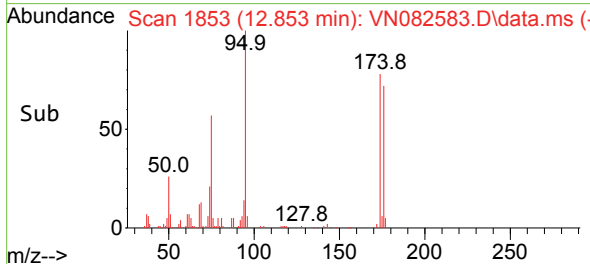
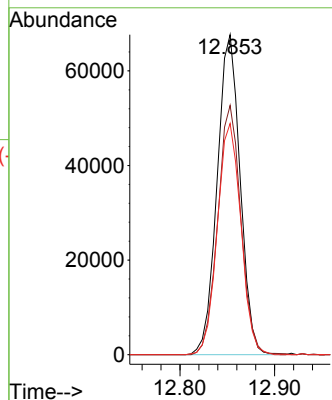
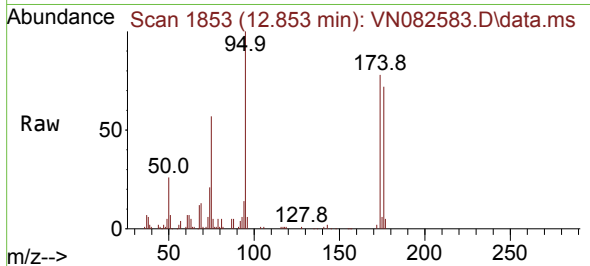




#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

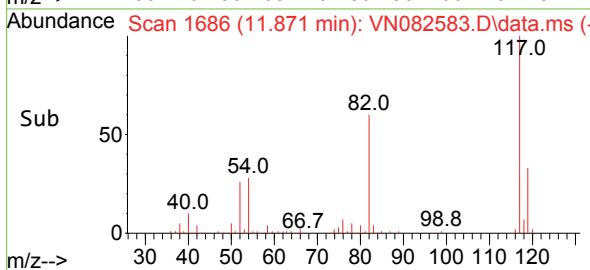
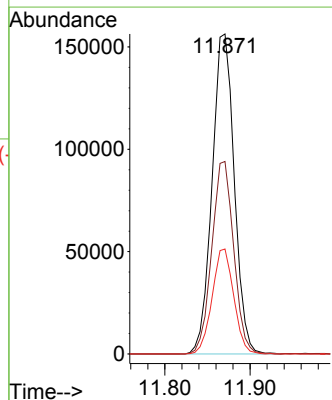
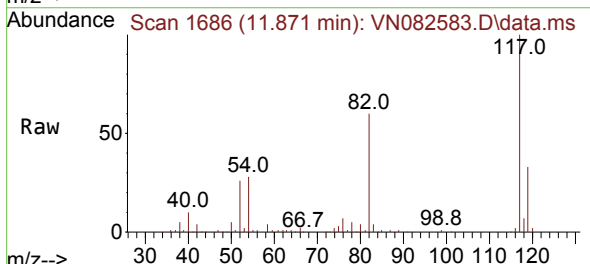
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

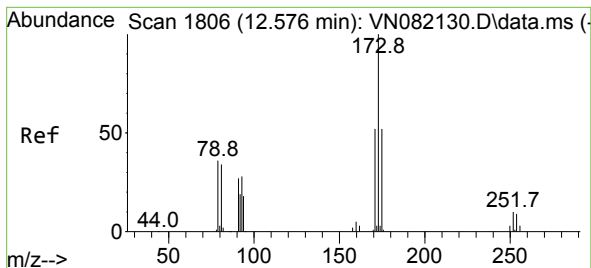
Tgt Ion: 95 Resp: 113932
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.6
176 74.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 117 Resp: 282634
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 32.8 25.9 38.9





#71

Bromoform

Concen: 0.932 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN082583.D

Acq: 14 Jun 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-400-402

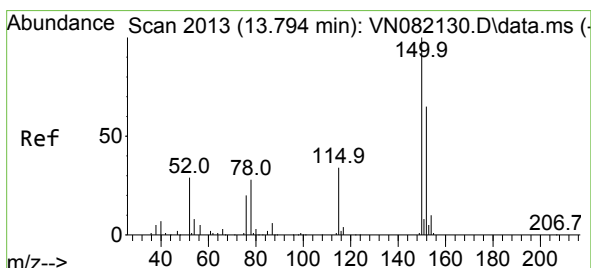
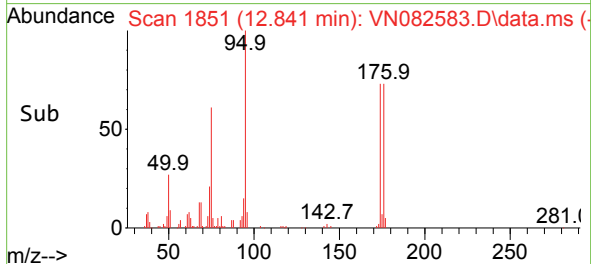
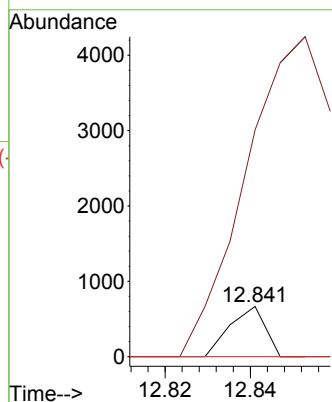
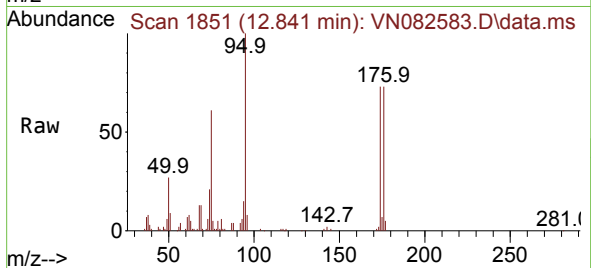
Tgt Ion:173 Resp: 384

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: VN082583.D

Acq: 14 Jun 2024 15:14

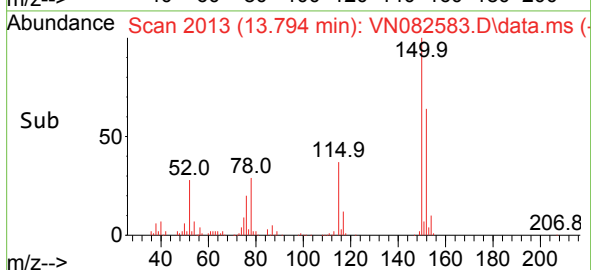
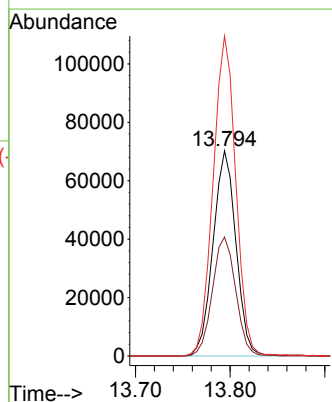
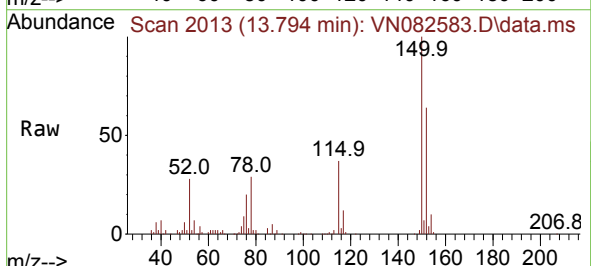
Tgt Ion:152 Resp: 117799

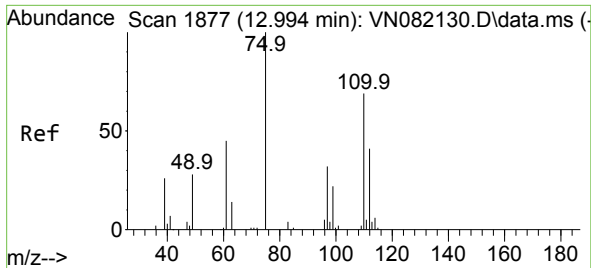
Ion Ratio Lower Upper

152 100

115 58.9 30.4 91.3

150 155.0 0.0 353.2

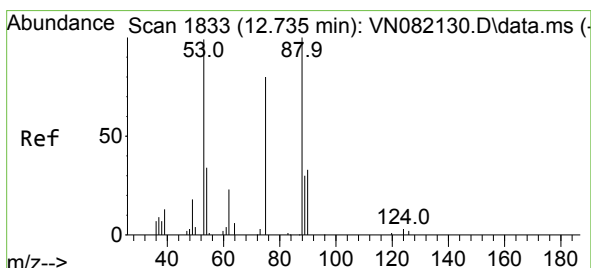
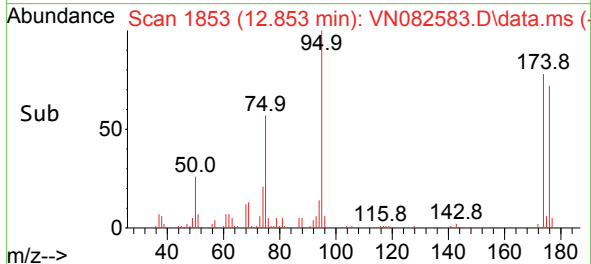
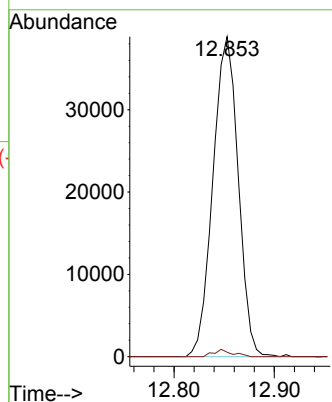
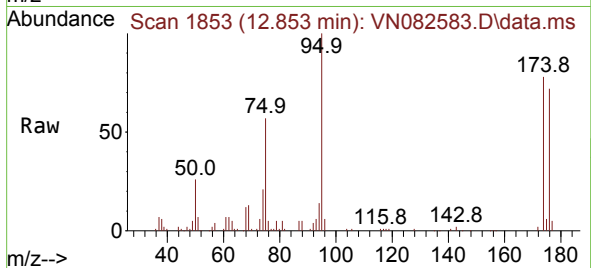




#76
1,2,3-Trichloropropane
Concen: 27.402 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-400-402

Tgt Ion: 75 Resp: 67941
Ion Ratio Lower Upper
75 100
77 1.7 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.093 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082583.D
Acq: 14 Jun 2024 15:14

Tgt Ion: 75 Resp: 67941
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

