

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082585.D
 Acq On : 14 Jun 2024 16:03
 Operator : JC\MD
 Sample : P2891-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 23:47:31 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)

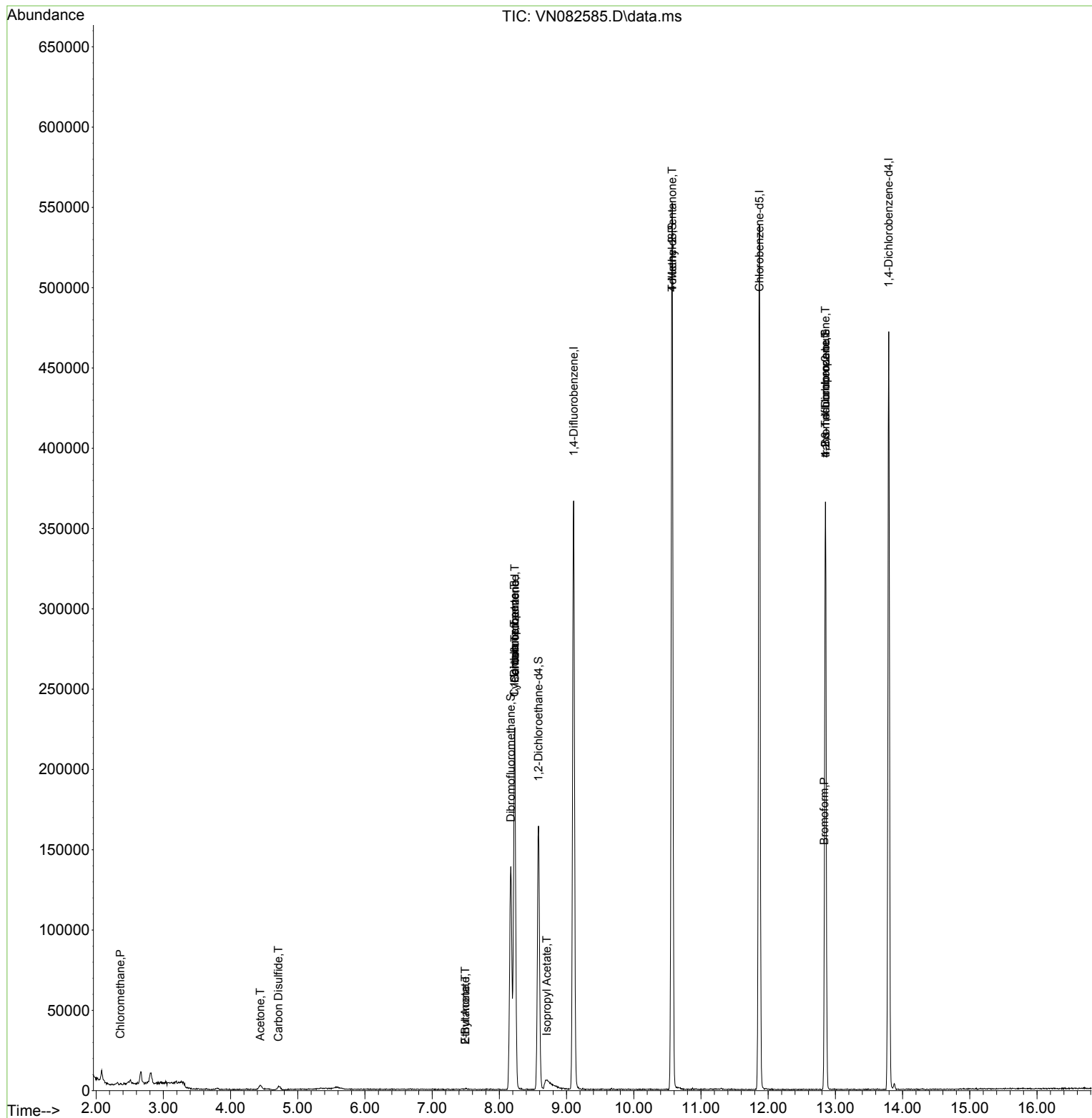
Internal Standards						
1) Pentafluorobenzene	8.229	168	153040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	284420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133260	55.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.280%	
35) Dibromofluoromethane	8.171	113	98380	55.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.180%	
50) Toluene-d8	10.570	98	353334	51.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.853	95	115893	47.429	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1193	0.477	ug/l	92
16) Acetone	4.441	43	5917	5.969	ug/l #	77
17) Carbon Disulfide	4.712	76	2965	0.549	ug/l #	74
25) 2-Butanone	7.494	43	765	0.509	ug/l #	43
31) Cyclohexane	8.224	56	4740	1.228	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	13964	4.663	ug/l #	48
37) Ethyl Acetate	7.494	43	765	0.228	ug/l #	68
38) Carbon Tetrachloride	8.229	117	16541	5.449	ug/l #	16
43) Isopropyl Acetate	8.706	43	7609	1.281	ug/l #	52
51) 4-Methyl-2-Pentanone	10.570	43	1947	0.577	ug/l #	1
71) Bromoform	12.835	173	186	0.812	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68677	28.187	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68677	65.929	ug/l #	13

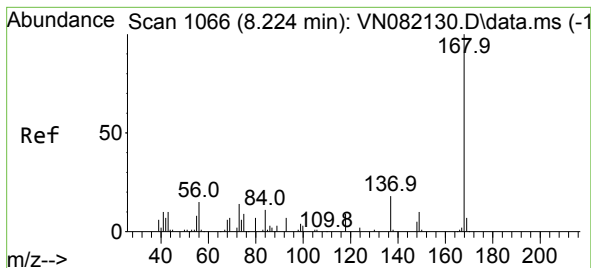
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

Instrument :

MSVOA_N

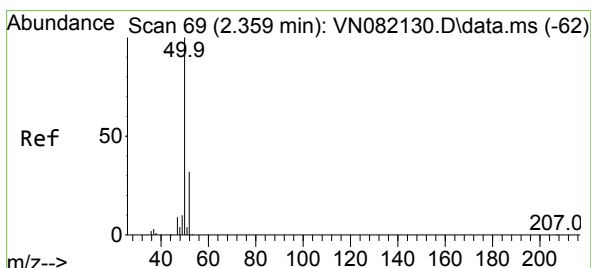
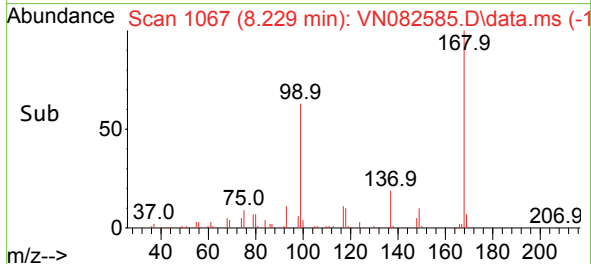
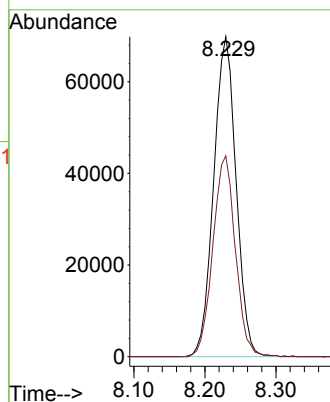
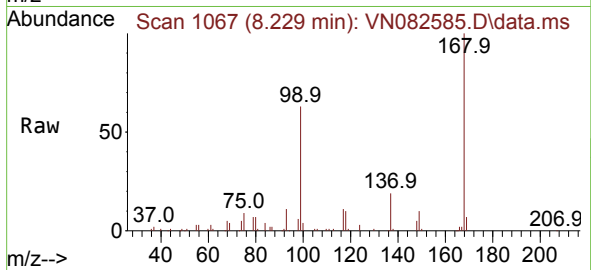
ClientSampleId :

Tgt Ion:168 Resp: 153040

Ion Ratio Lower Upper

168 100

99 62.8 48.2 72.4



#3

Chloromethane

Concen: 0.477 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082585.D

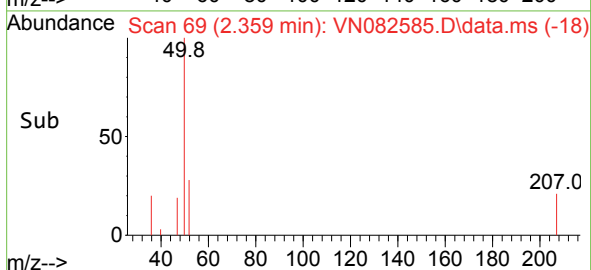
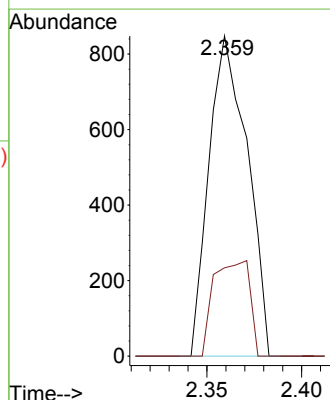
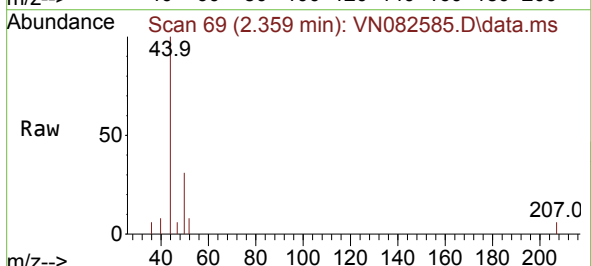
Acq: 14 Jun 2024 16:03

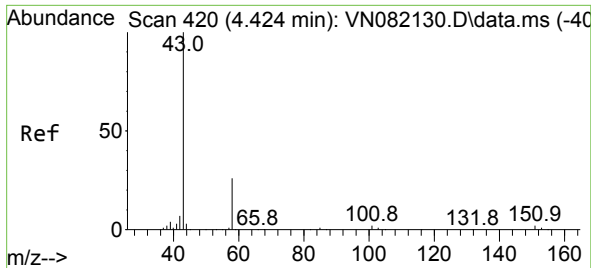
Tgt Ion: 50 Resp: 1193

Ion Ratio Lower Upper

50 100

52 27.6 25.5 38.3

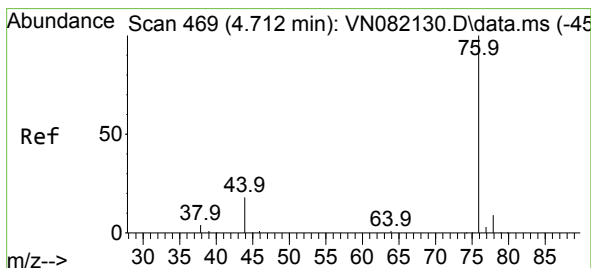
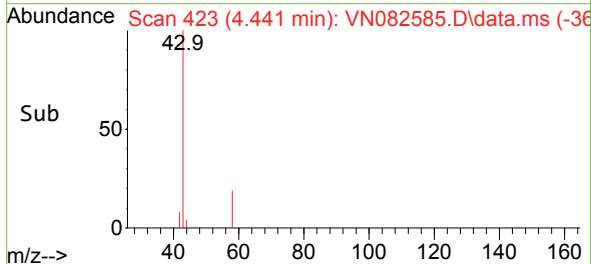
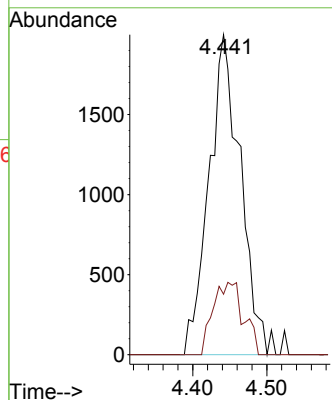
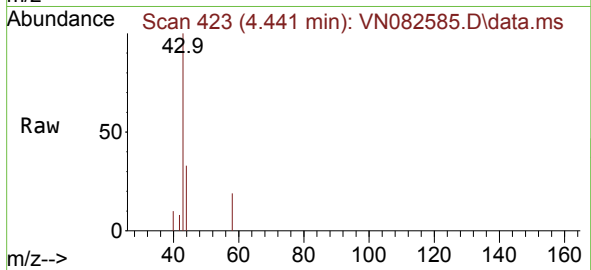




#16
Acetone
Concen: 5.969 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

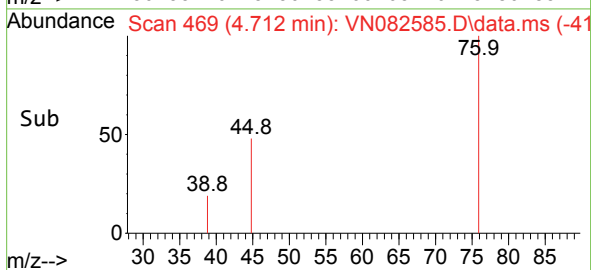
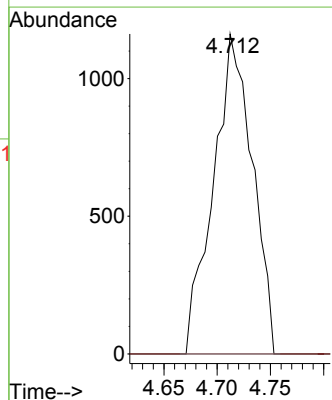
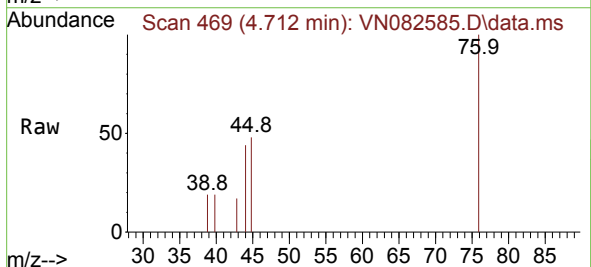
Instrument :
MSVOA_N
ClientSampleId :

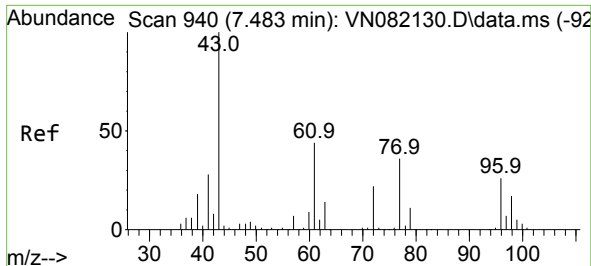
Tgt Ion: 43 Resp: 5917
Ion Ratio Lower Upper
43 100
58 18.9 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.549 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Tgt Ion: 76 Resp: 2965
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

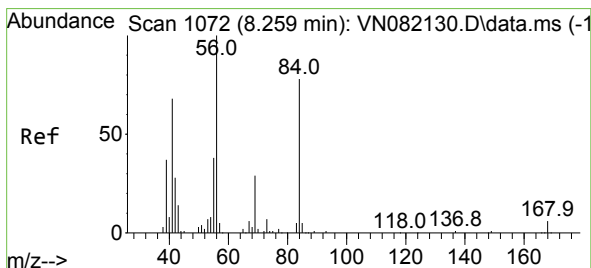
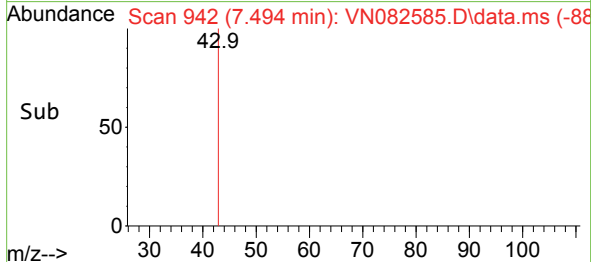
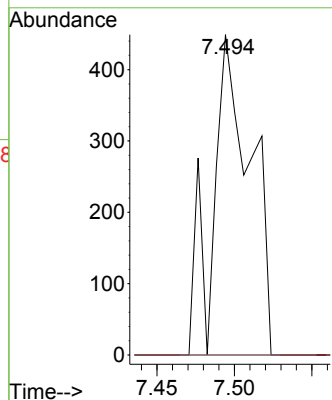
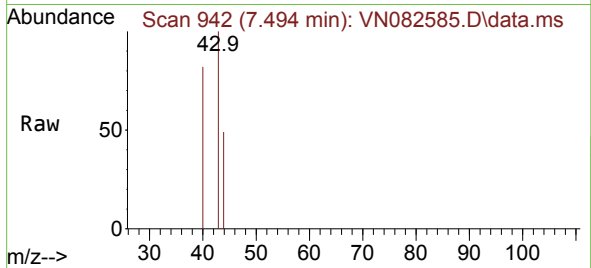




#25
2-Butanone
Concen: 0.509 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

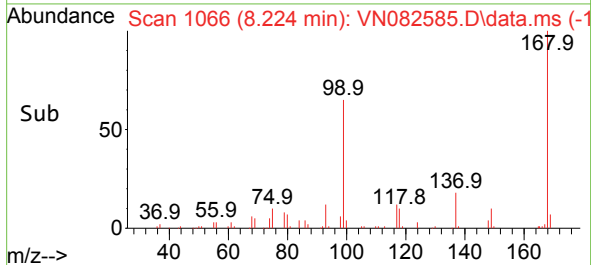
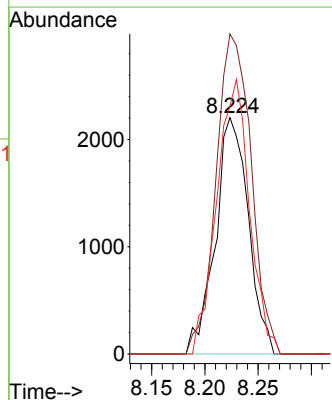
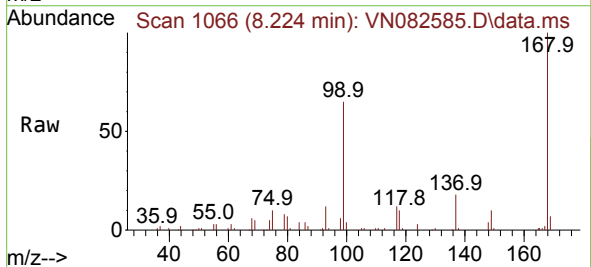
Instrument :
MSVOA_N
ClientSampleId :

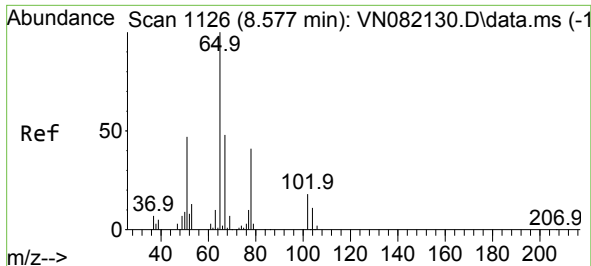
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Tgt Ion: 56 Resp: 4740
Ion Ratio Lower Upper
56 100
69 135.4 24.4 36.6#
84 104.7 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 55.145 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

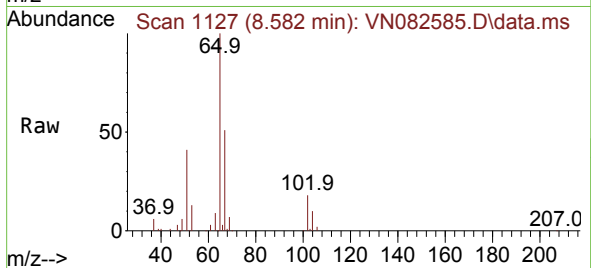
Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

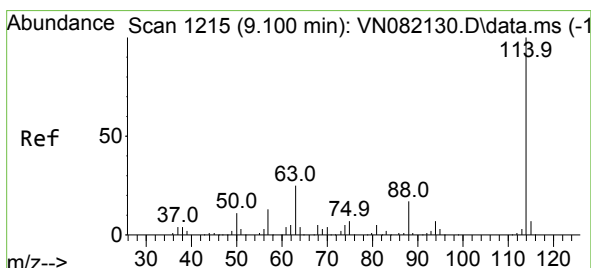
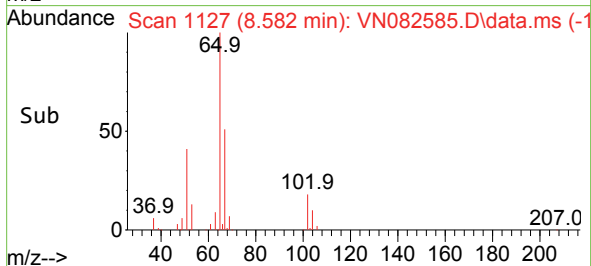
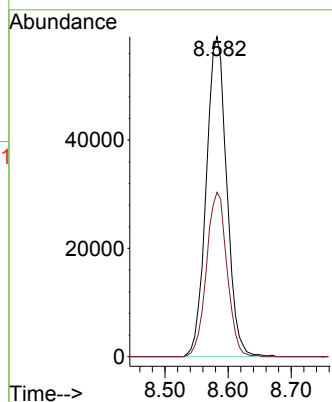


Tgt Ion: 65 Resp: 133260

Ion Ratio Lower Upper

65 100

67 51.4 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: VN082585.D

Acq: 14 Jun 2024 16:03

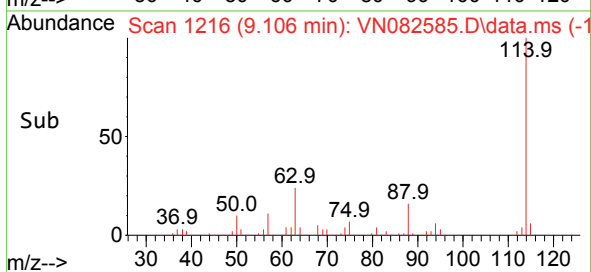
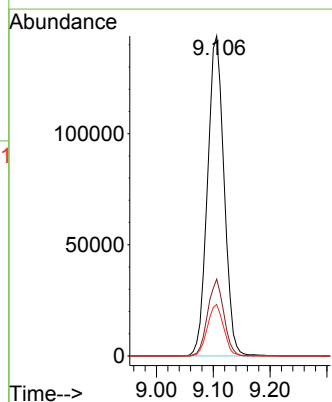
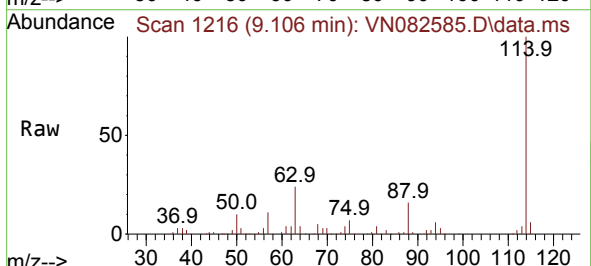
Tgt Ion: 114 Resp: 290277

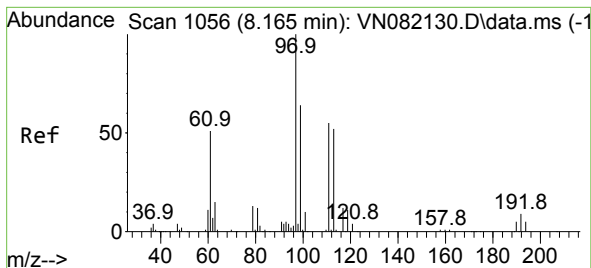
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.095 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

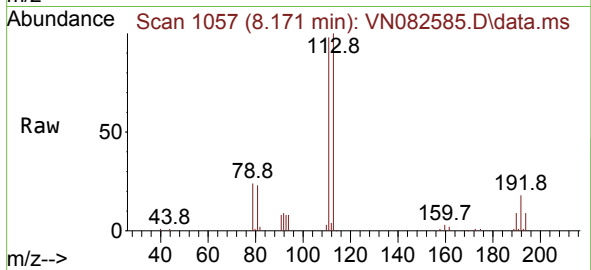
Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :



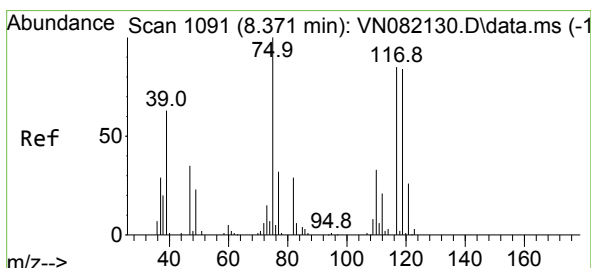
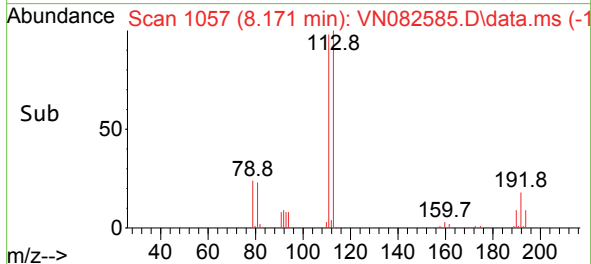
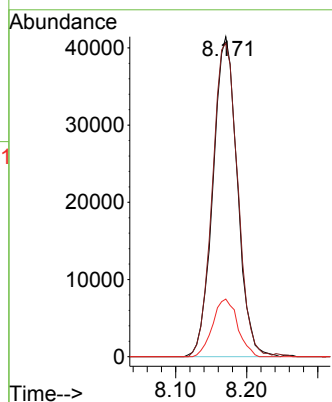
Tgt Ion:113 Resp: 98380

Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.2

192 18.5 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.663 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

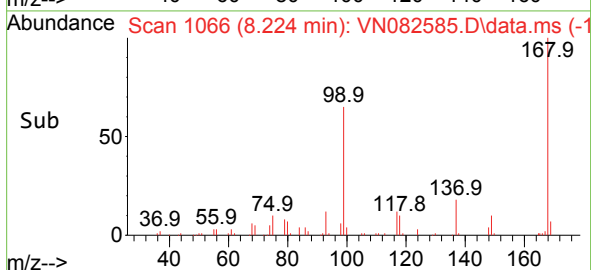
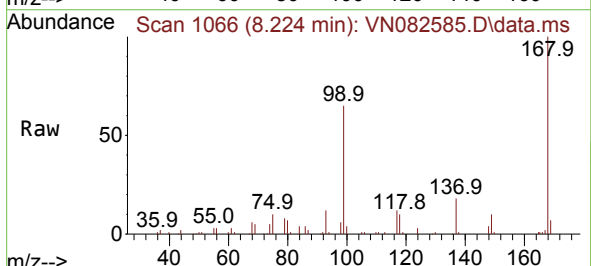
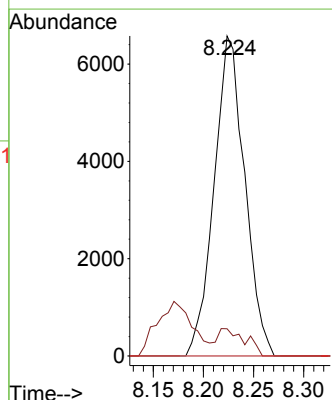
Tgt Ion: 75 Resp: 13964

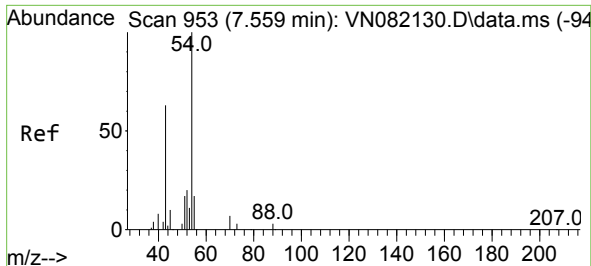
Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

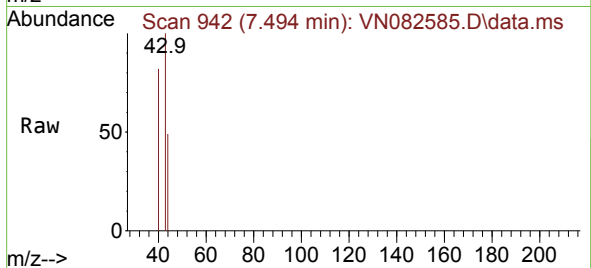
77 0.0 25.0 37.4#



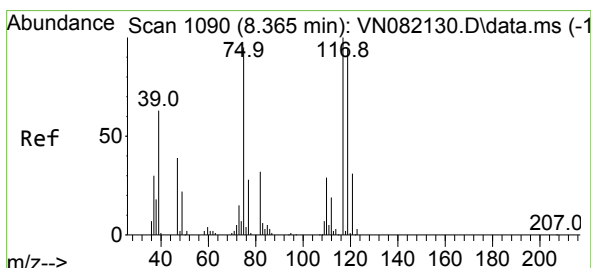
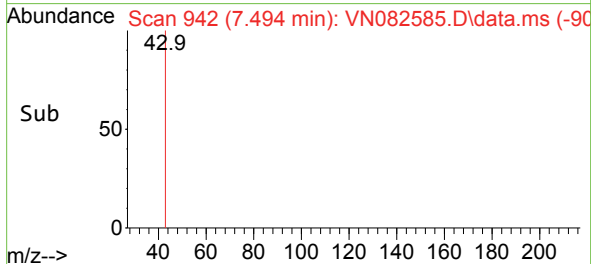
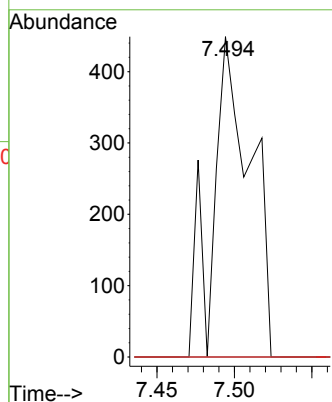


#37
Ethyl Acetate
Concen: 0.228 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Instrument :
MSVOA_N
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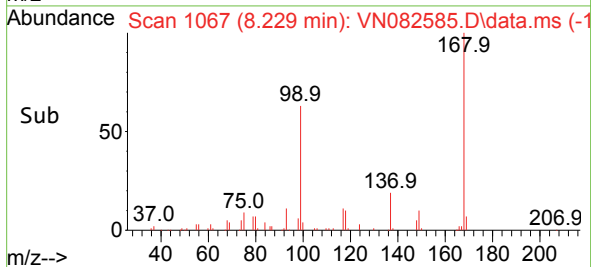
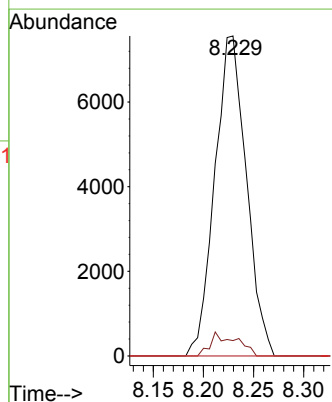
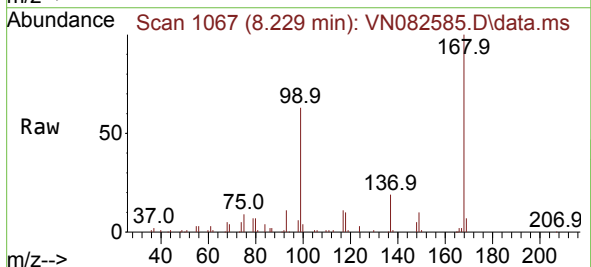


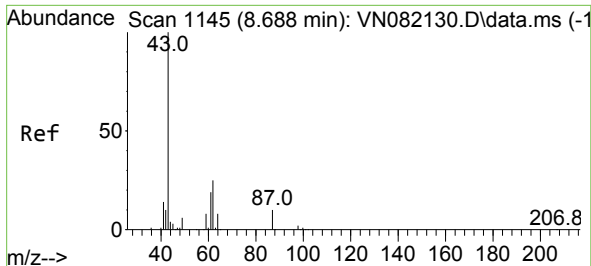
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

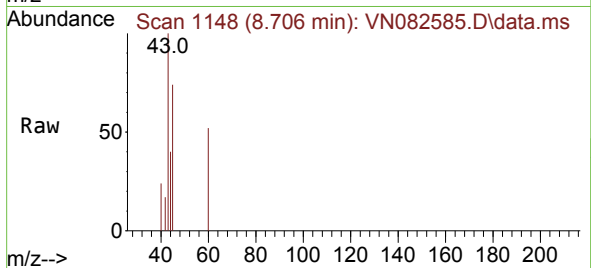
Tgt Ion: 117 Resp: 16541
Ion Ratio Lower Upper
117 100
119 4.8 76.5 114.7#
121 0.0 23.9 35.9#



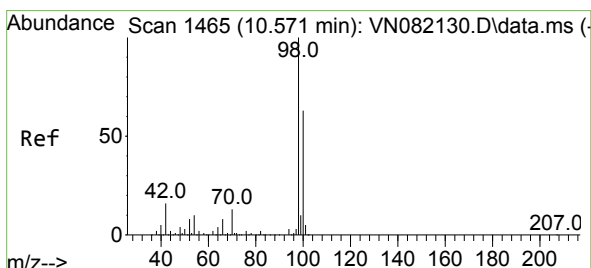
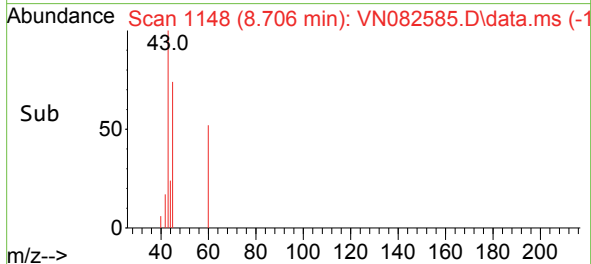
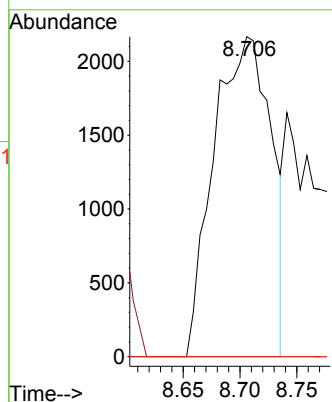


#43
Isopropyl Acetate
Concen: 1.281 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.017 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :

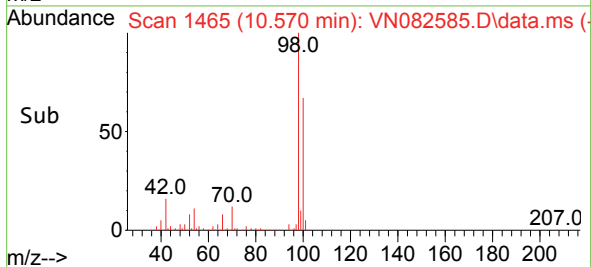
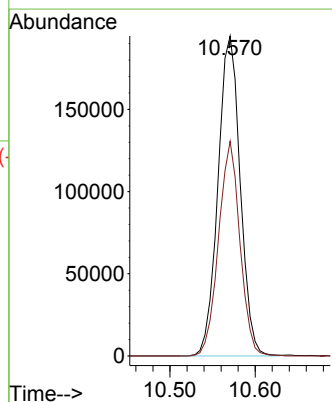
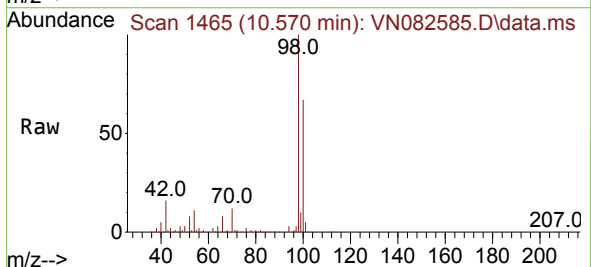


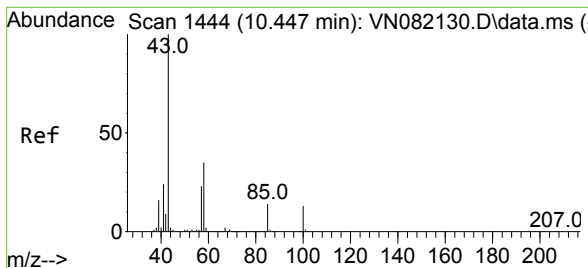
Tgt Ion: 43 Resp: 7609
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.611 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Tgt Ion: 98 Resp: 353334
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

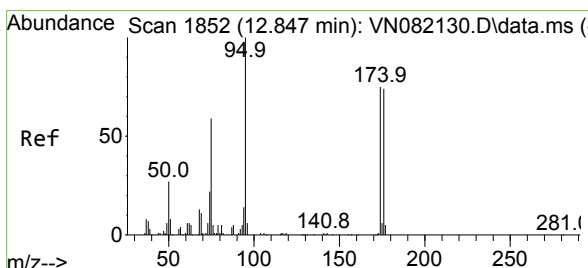
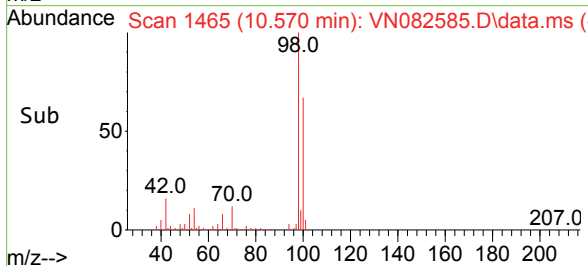
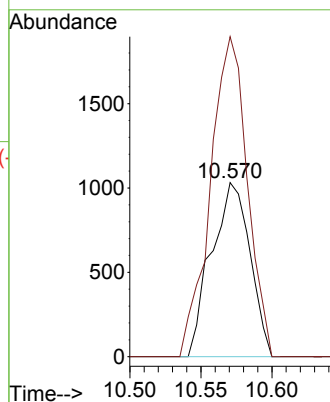
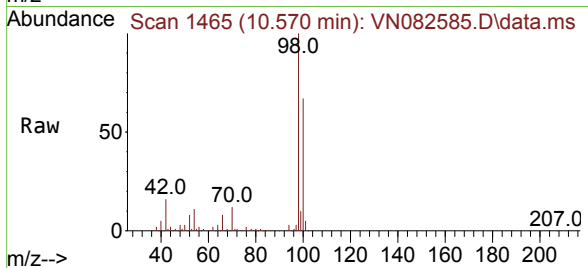




#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

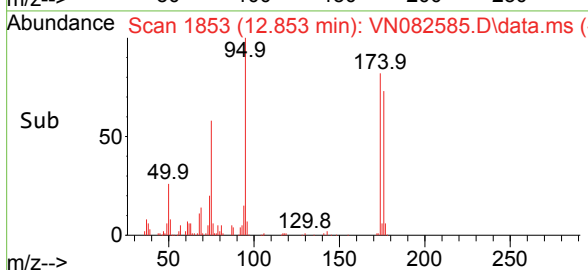
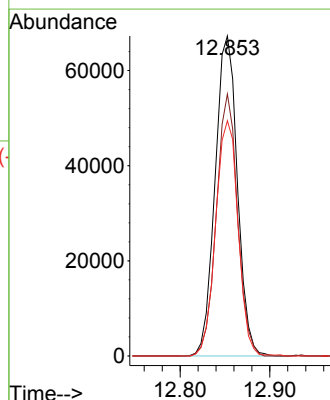
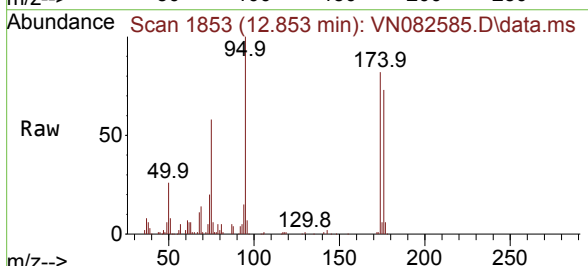
Instrument :
MSVOA_N
ClientSampleId :

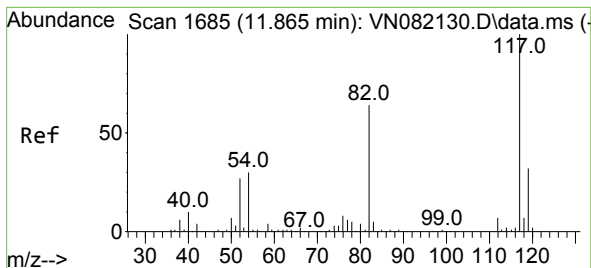
Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 176.4 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 47.429 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Tgt Ion: 95 Resp: 115893
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.6
176 73.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

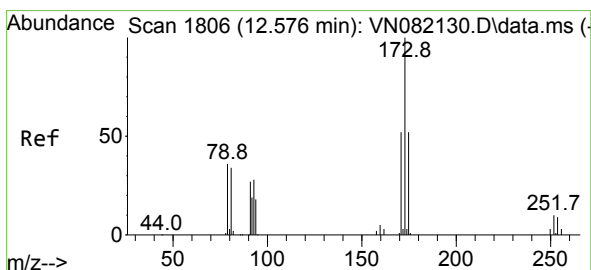
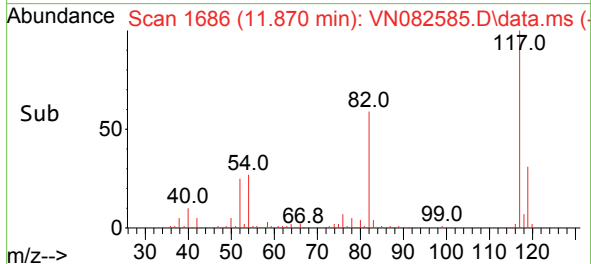
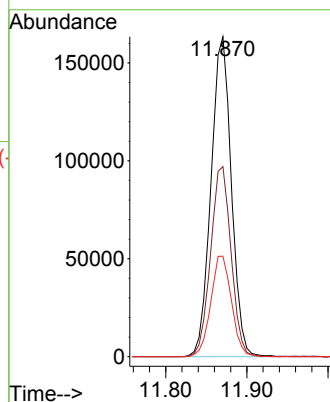
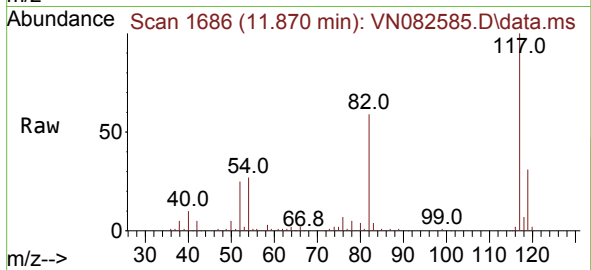
Tgt Ion:117 Resp: 284420

Ion Ratio Lower Upper

117 100

82 59.4 44.6 66.8

119 31.4 25.9 38.9



#71

Bromoform

Concen: 0.812 ug/l

RT: 12.835 min Scan# 1850

Delta R.T. 0.259 min

Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

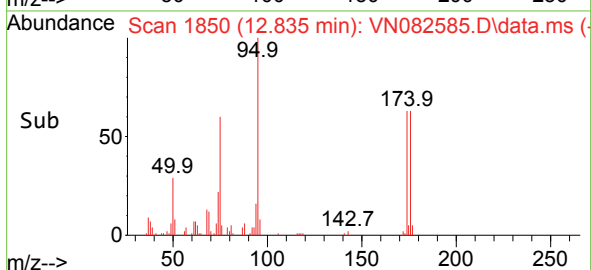
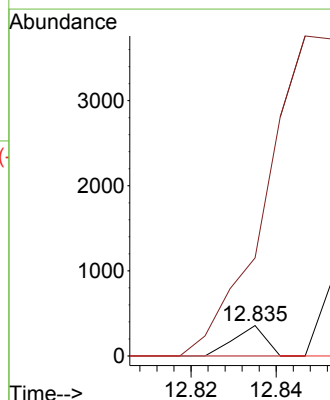
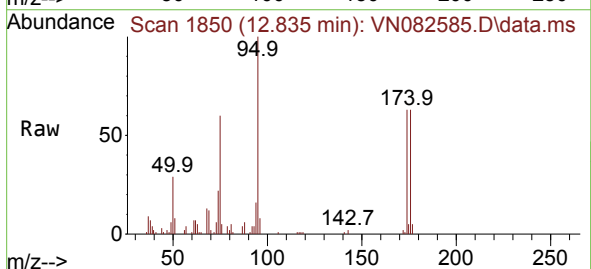
Tgt Ion:173 Resp: 186

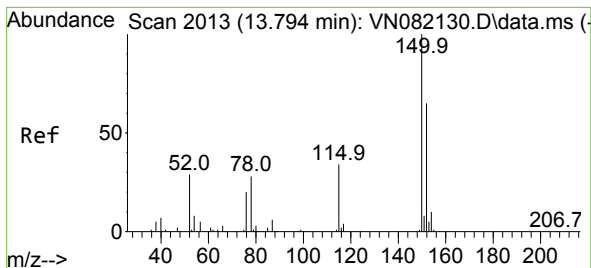
Ion Ratio Lower Upper

173 100

175 2365.6 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

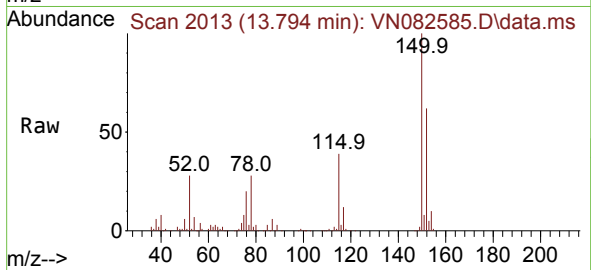
Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :



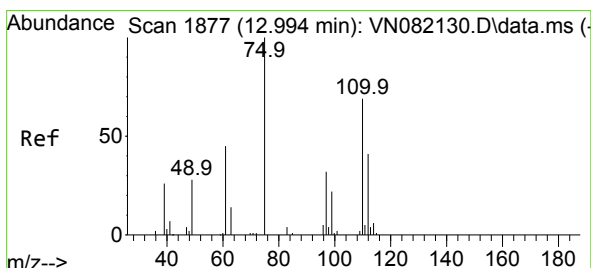
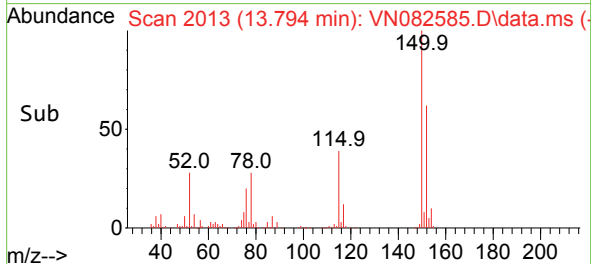
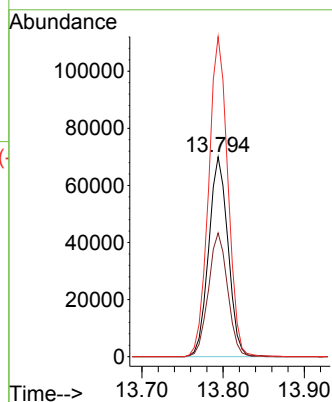
Tgt Ion:152 Resp: 115759

Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.3

150 159.5 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 28.187 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082585.D

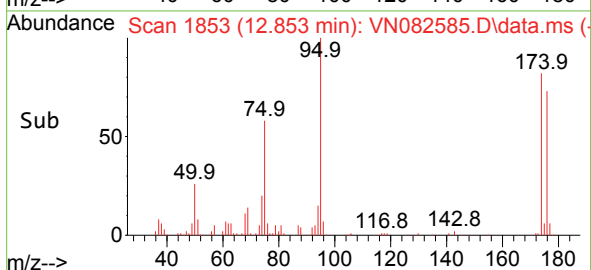
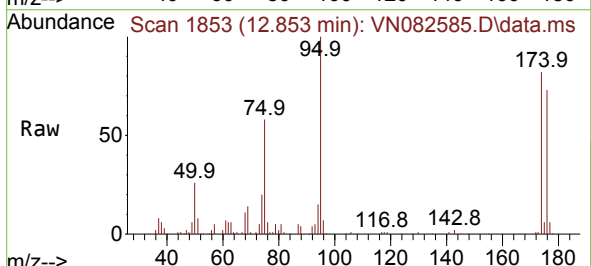
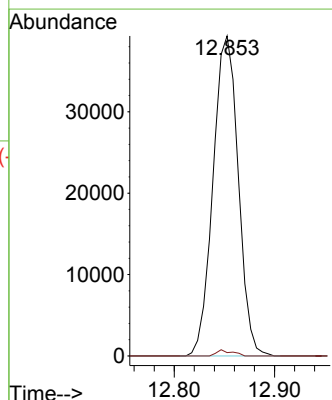
Acq: 14 Jun 2024 16:03

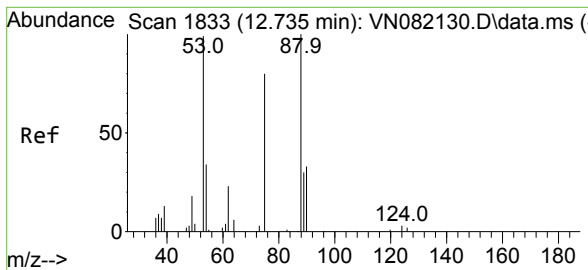
Tgt Ion: 75 Resp: 68677

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.929 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082585.D
 Acq: 14 Jun 2024 16:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 68677
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.9 109.3#
 89 0.0 39.1 58.7#

