

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082586.D
 Acq On : 14 Jun 2024 16:27
 Operator : JC\MD
 Sample : P2891-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 23:47:52 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	155932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	279055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133678	54.292	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.580%
35) Dibromofluoromethane	8.171	113	96142	54.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.680%
50) Toluene-d8	10.571	98	349162	51.474	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.853	95	111419	46.020	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.040%

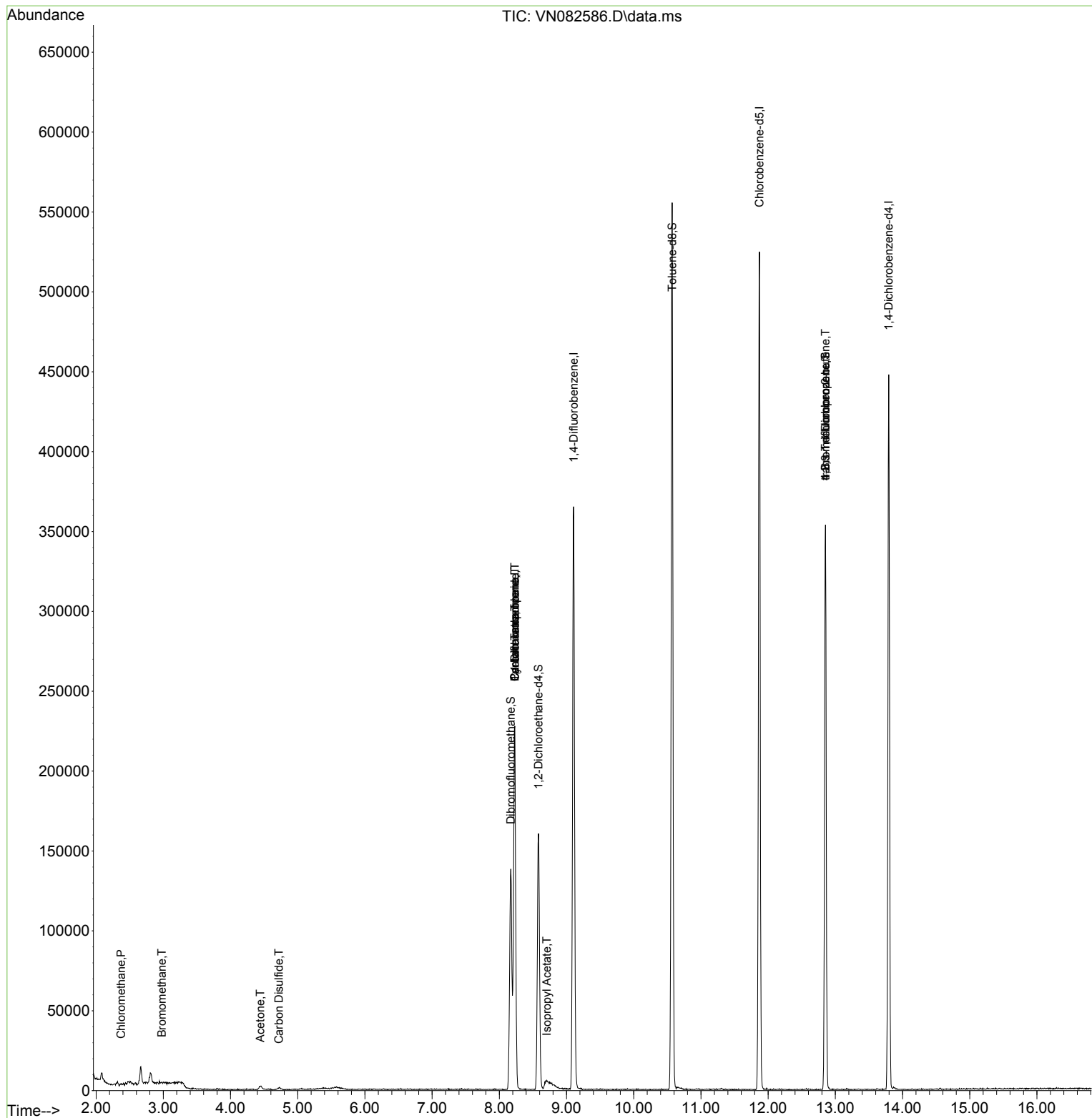
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	854	0.335	ug/l #	85
5) Bromomethane	2.977	94	438	0.318	ug/l #	76
16) Acetone	4.442	43	4101	4.060	ug/l	90
17) Carbon Disulfide	4.718	76	1144	0.208	ug/l #	74
31) Cyclohexane	8.230	56	4426	1.125	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	14270	4.809	ug/l #	49
38) Carbon Tetrachloride	8.230	117	16851	5.602	ug/l #	17
43) Isopropyl Acetate	8.706	43	8344	1.418	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	65962	28.137	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65962	65.812	ug/l #	12

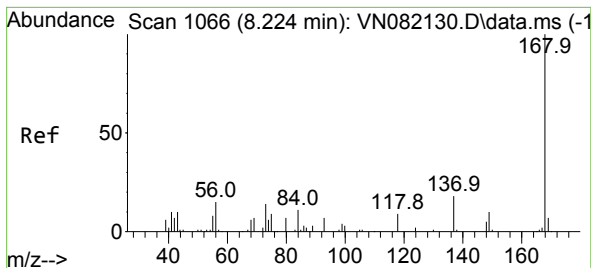
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1

Delta R.T. 0.006 min

Lab File: VN082586.D

Acq: 14 Jun 2024 16:27

Instrument :

MSVOA_N

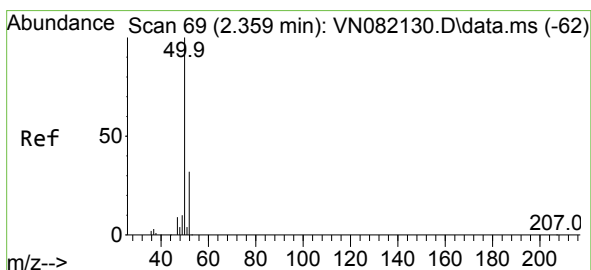
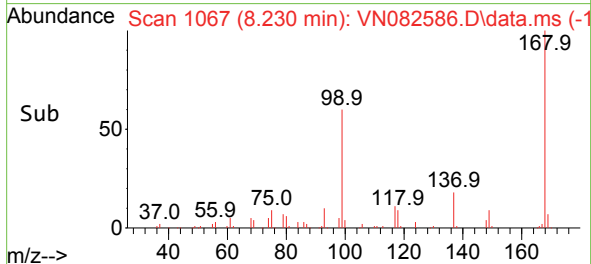
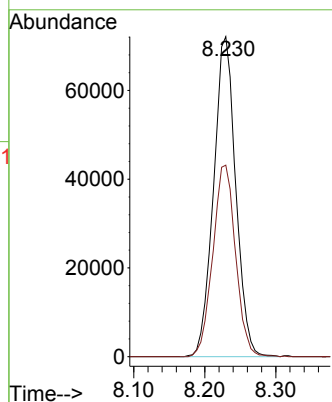
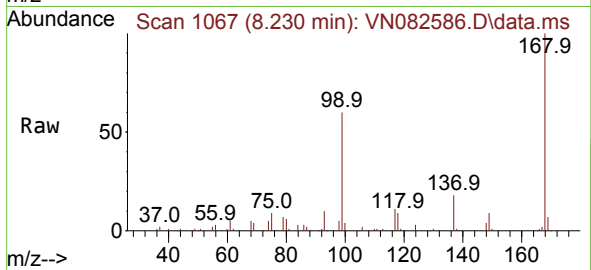
ClientSampleId :

Tgt Ion:168 Resp: 155932

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



#3

Chloromethane

Concen: 0.335 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN082586.D

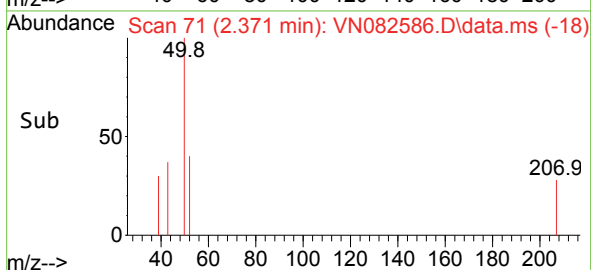
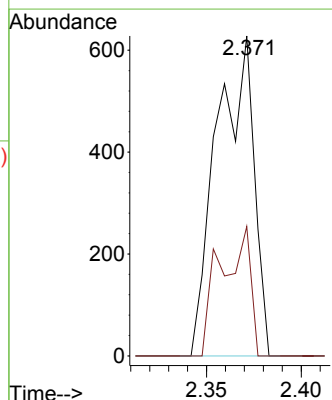
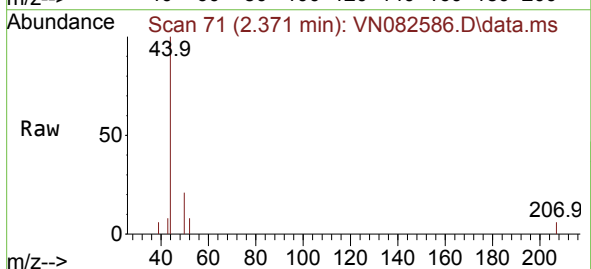
Acq: 14 Jun 2024 16:27

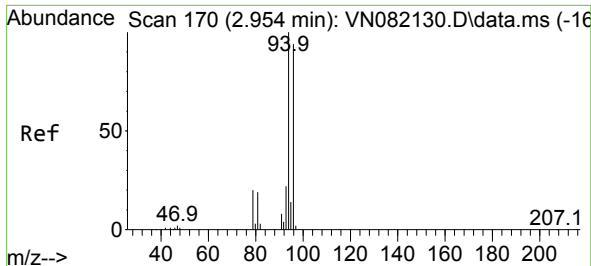
Tgt Ion: 50 Resp: 854

Ion Ratio Lower Upper

50 100

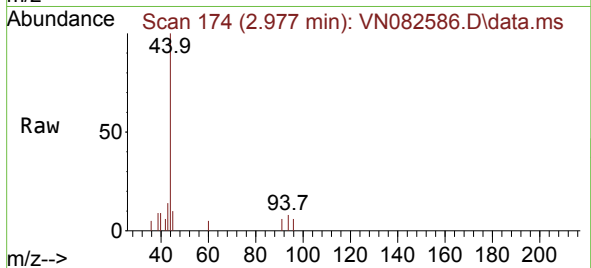
52 40.4 25.5 38.3#



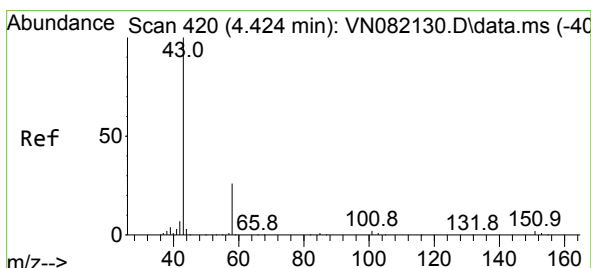
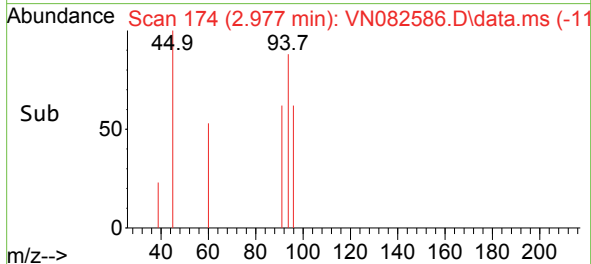
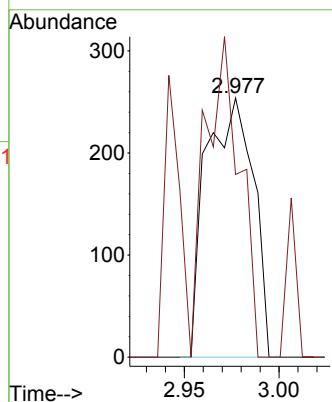


#5
Bromomethane
Concen: 0.318 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :

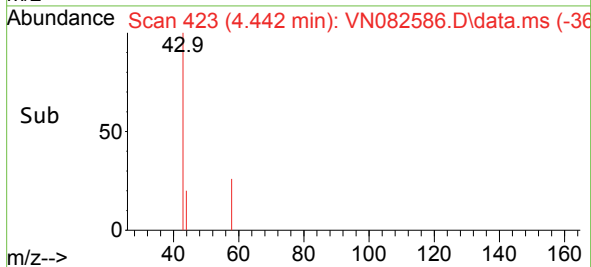
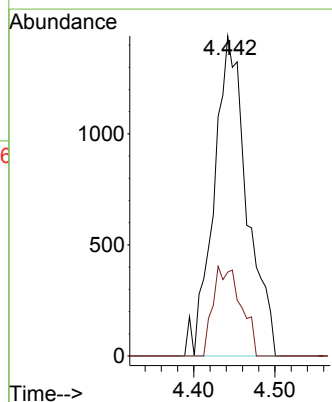
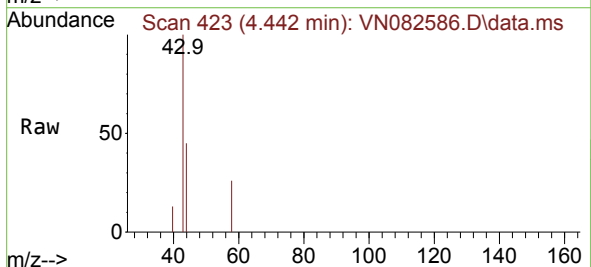


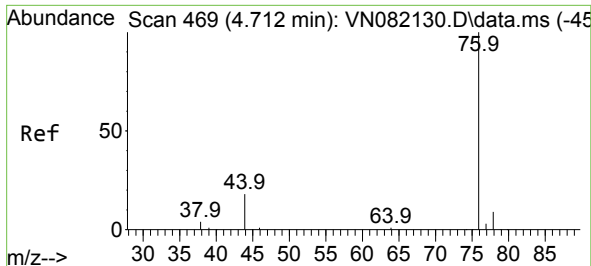
Tgt Ion: 94 Resp: 438
Ion Ratio Lower Upper
94 100
96 70.5 74.8 112.2#



#16
Acetone
Concen: 4.060 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

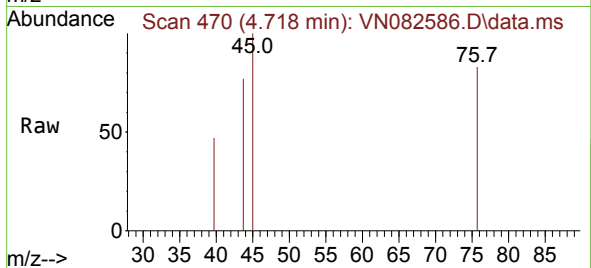
Tgt Ion: 43 Resp: 4101
Ion Ratio Lower Upper
43 100
58 26.2 25.2 37.8



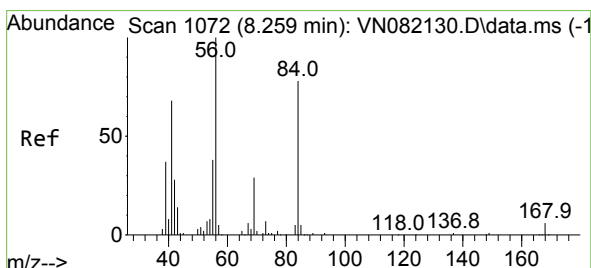
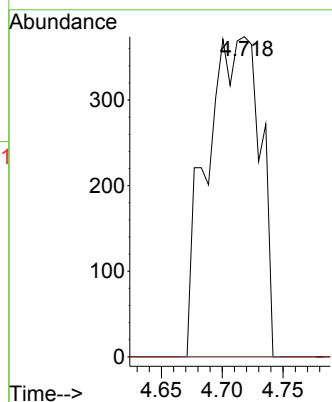
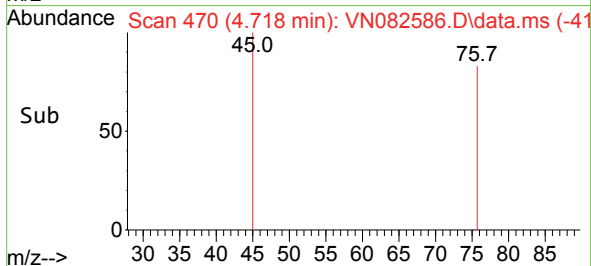


#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :

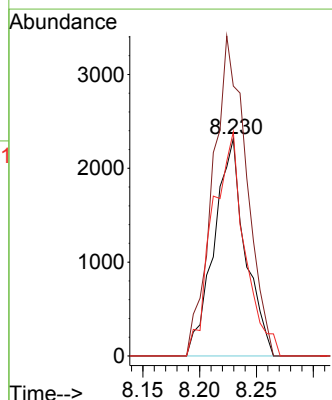
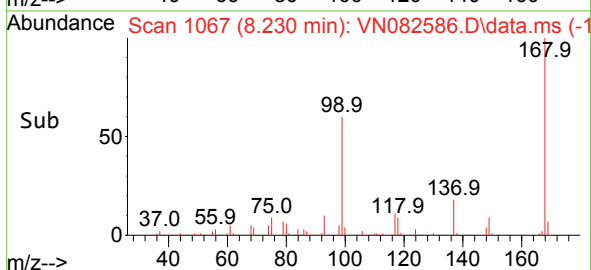
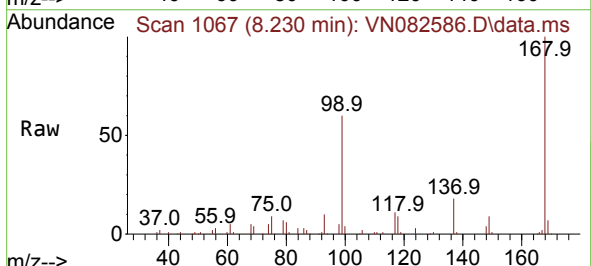


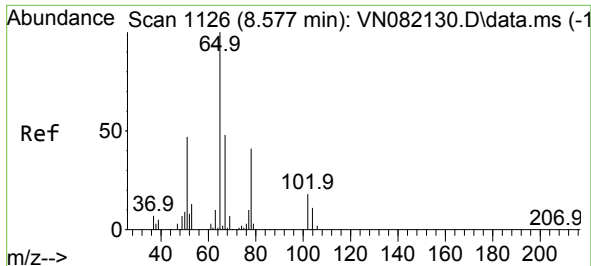
Tgt Ion: 76 Resp: 1144
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Tgt Ion: 56 Resp: 4426
Ion Ratio Lower Upper
56 100
69 124.3 24.4 36.6#
84 103.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.292 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082586.D

Acq: 14 Jun 2024 16:27

Instrument :

MSVOA_N

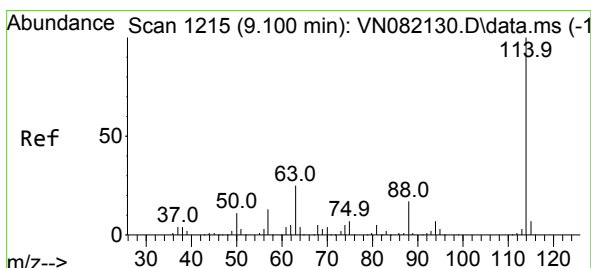
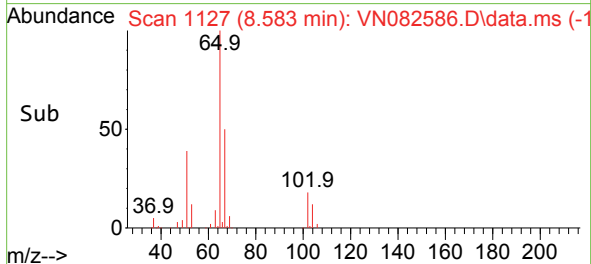
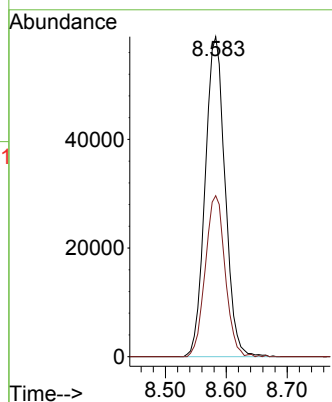
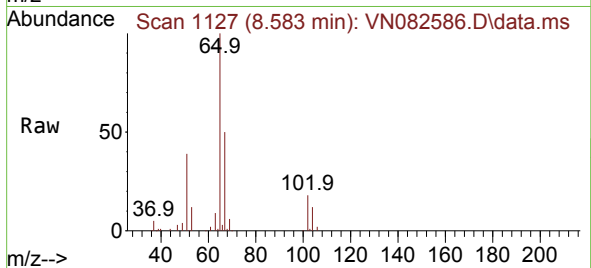
ClientSampleId :

Tgt Ion: 65 Resp: 133678

Ion Ratio Lower Upper

65 100

67 50.3 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: VN082586.D

Acq: 14 Jun 2024 16:27

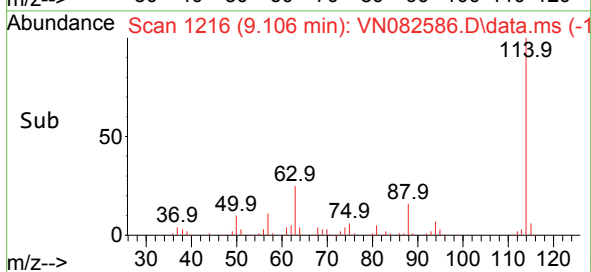
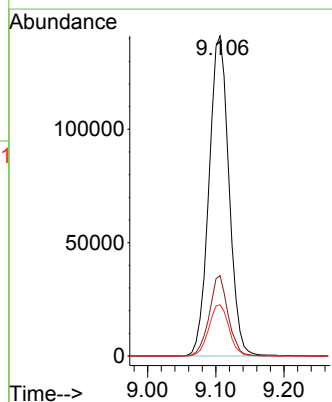
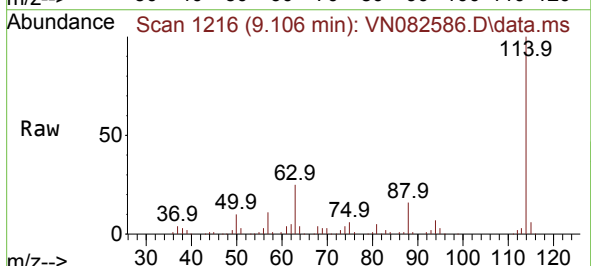
Tgt Ion: 114 Resp: 287614

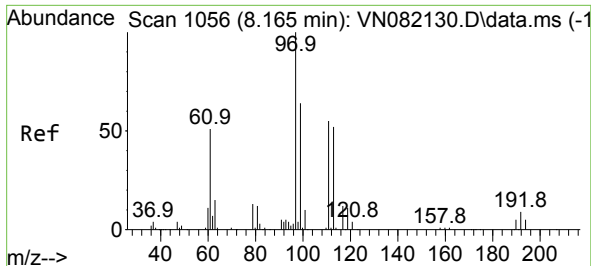
Ion Ratio Lower Upper

114 100

63 25.1 0.0 41.0

88 16.0 0.0 31.4

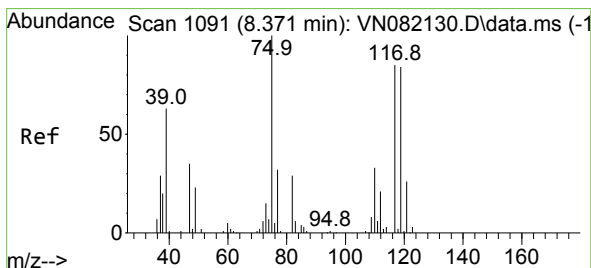
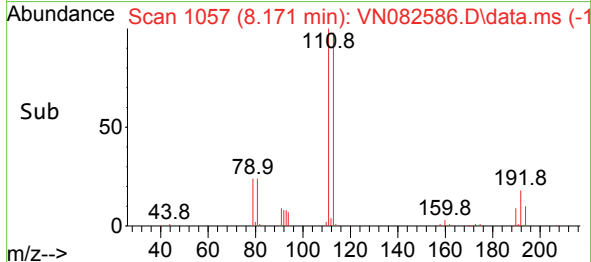
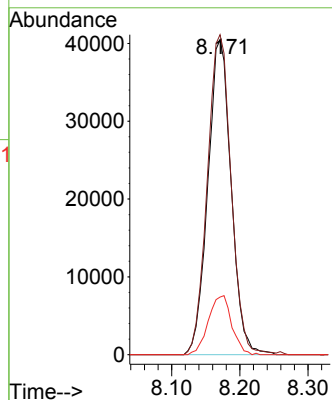
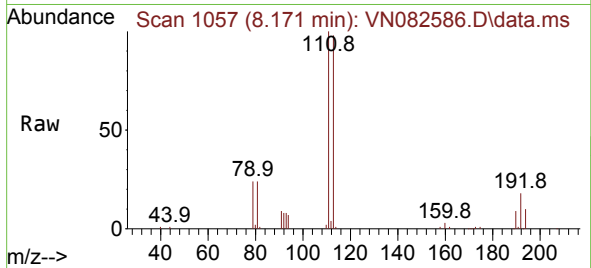




#35
 Dibromofluoromethane
 Concen: 54.340 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082586.D
 Acq: 14 Jun 2024 16:27

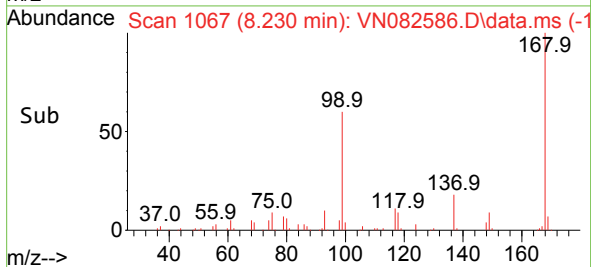
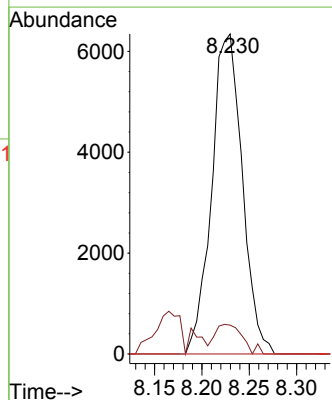
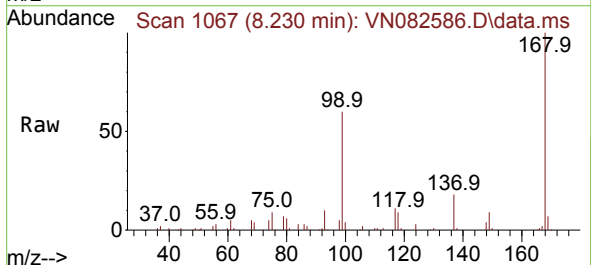
Instrument :
 MSVOA_N
 ClientSampleId :

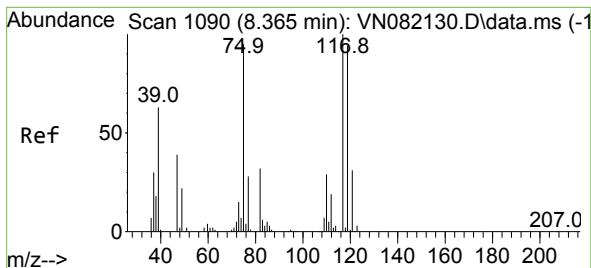
Tgt Ion:113 Resp: 96142
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.2
 192 18.8 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.809 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082586.D
 Acq: 14 Jun 2024 16:27

Tgt Ion: 75 Resp: 14270
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.602 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.135 min

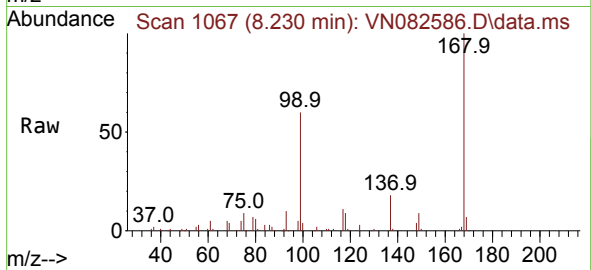
Lab File: VN082586.D

Acq: 14 Jun 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :



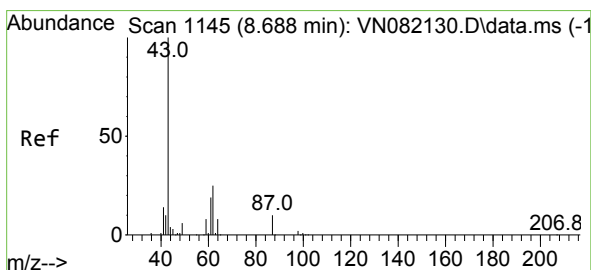
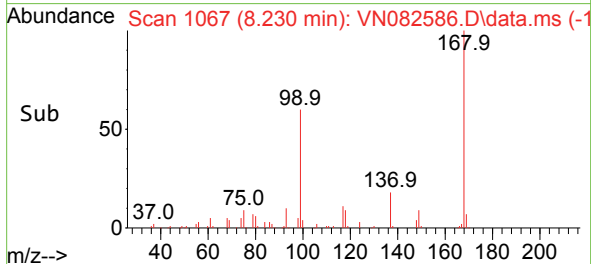
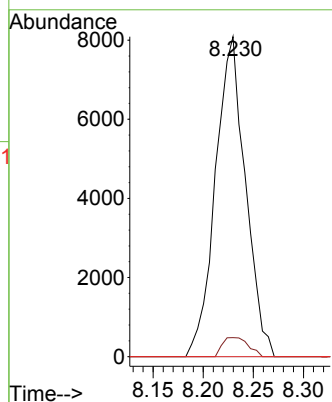
Tgt Ion:117 Resp: 16851

Ion Ratio Lower Upper

117 100

119 6.0 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.418 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN082586.D

Acq: 14 Jun 2024 16:27

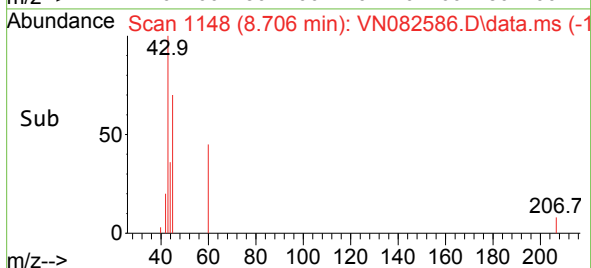
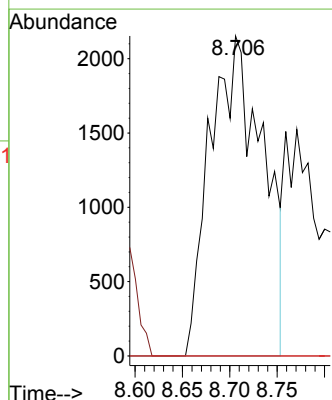
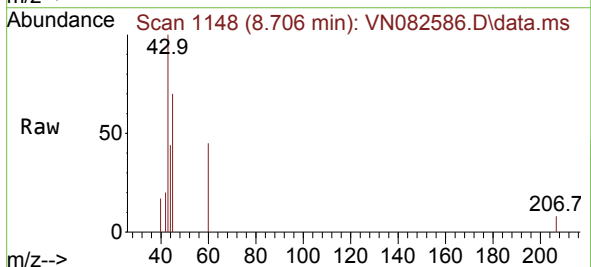
Tgt Ion: 43 Resp: 8344

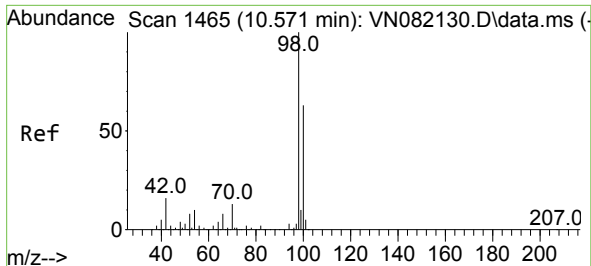
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

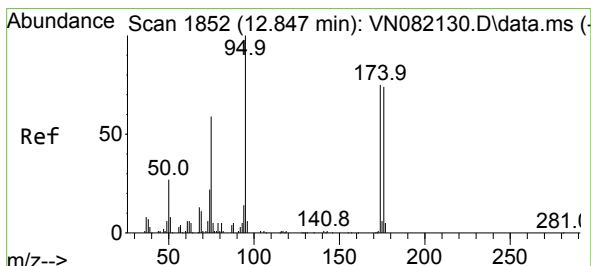
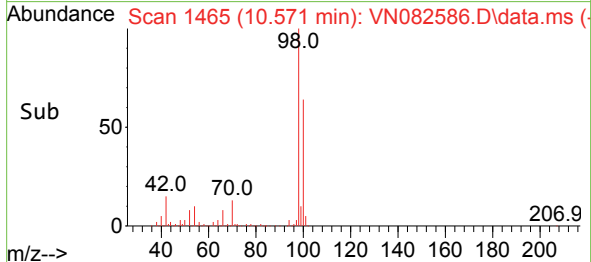
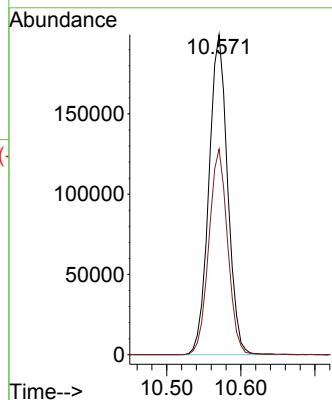
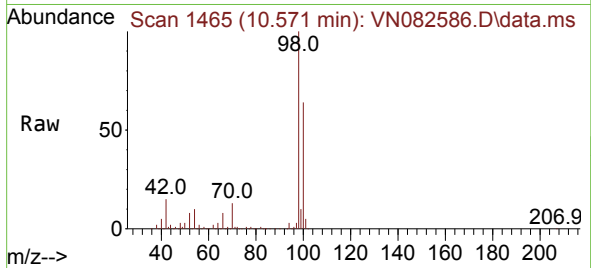




#50
Toluene-d8
Concen: 51.474 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

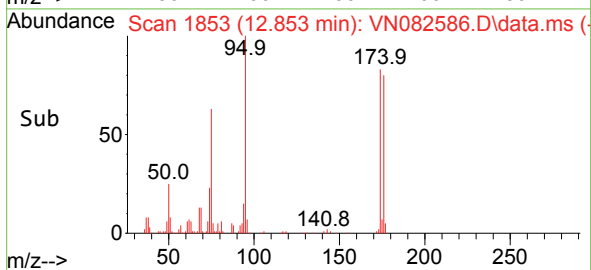
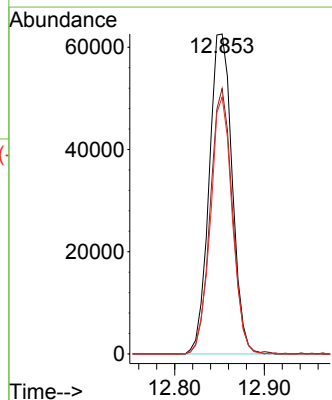
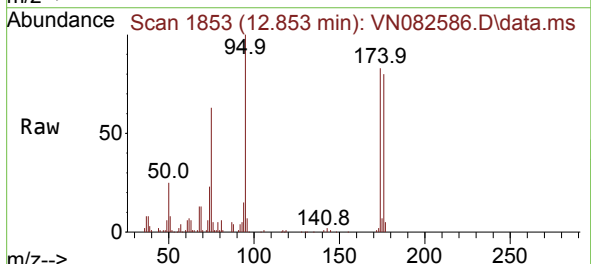
Instrument :
MSVOA_N
ClientSampleId :

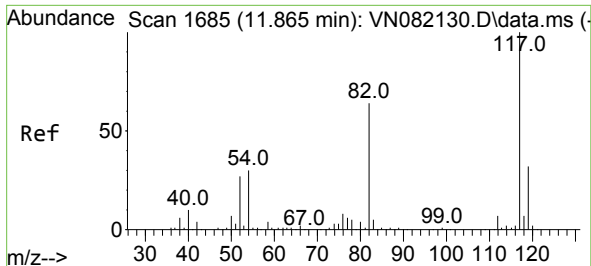
Tgt Ion: 98 Resp: 349162
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.020 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

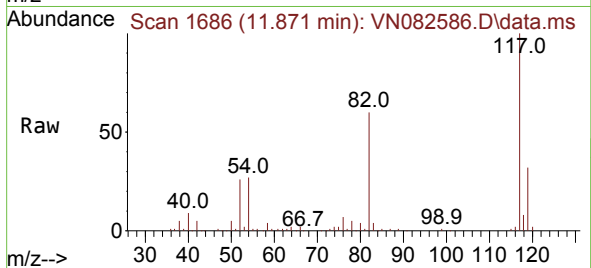
Tgt Ion: 95 Resp: 111419
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.6
176 76.0 0.0 152.8



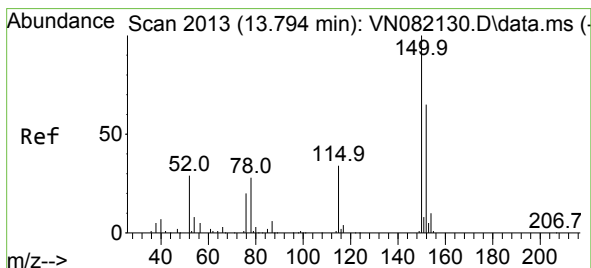
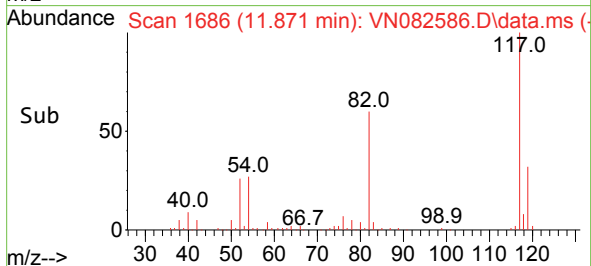
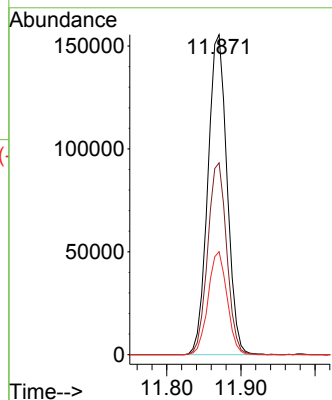


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :

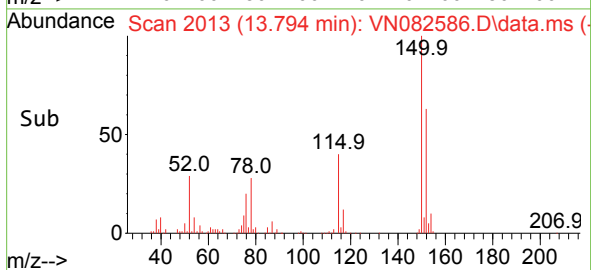
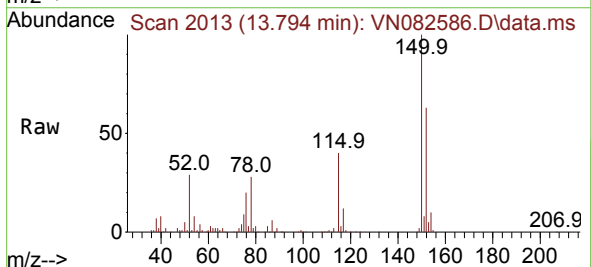
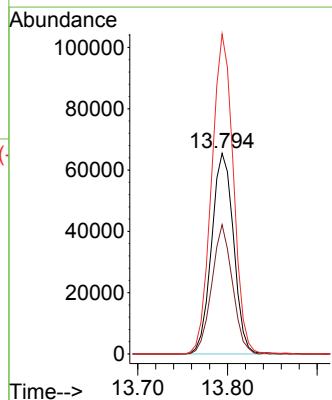


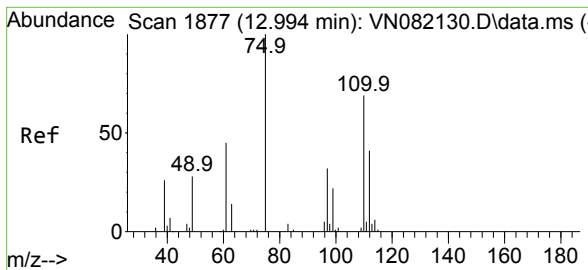
Tgt Ion:117 Resp: 279055
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Tgt Ion:152 Resp: 111381
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 157.7 0.0 353.2

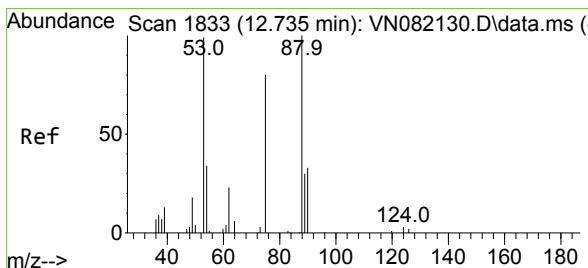
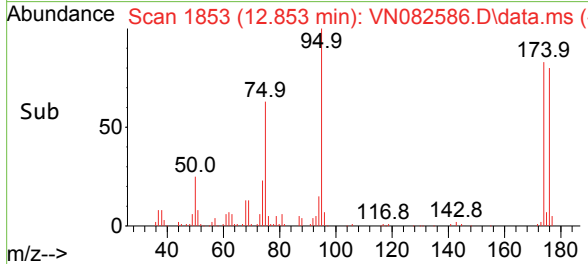
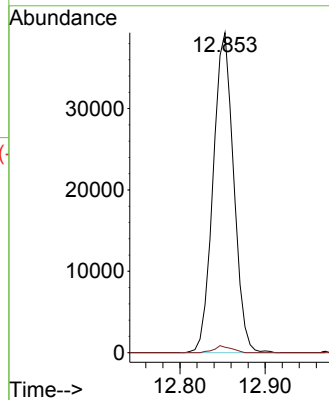
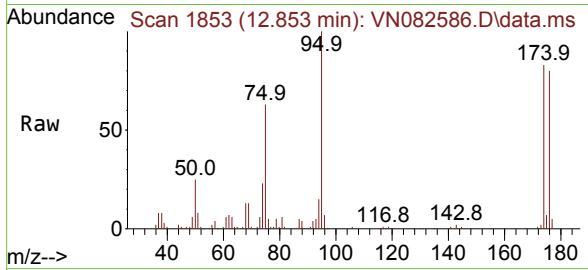




#76
1,2,3-Trichloropropane
Concen: 28.137 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65962
Ion Ratio Lower Upper
75 100
77 1.8 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.812 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082586.D
Acq: 14 Jun 2024 16:27

Tgt Ion: 75 Resp: 65962
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

