

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082751.D
 Acq On : 28 Jun 2024 17:24
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

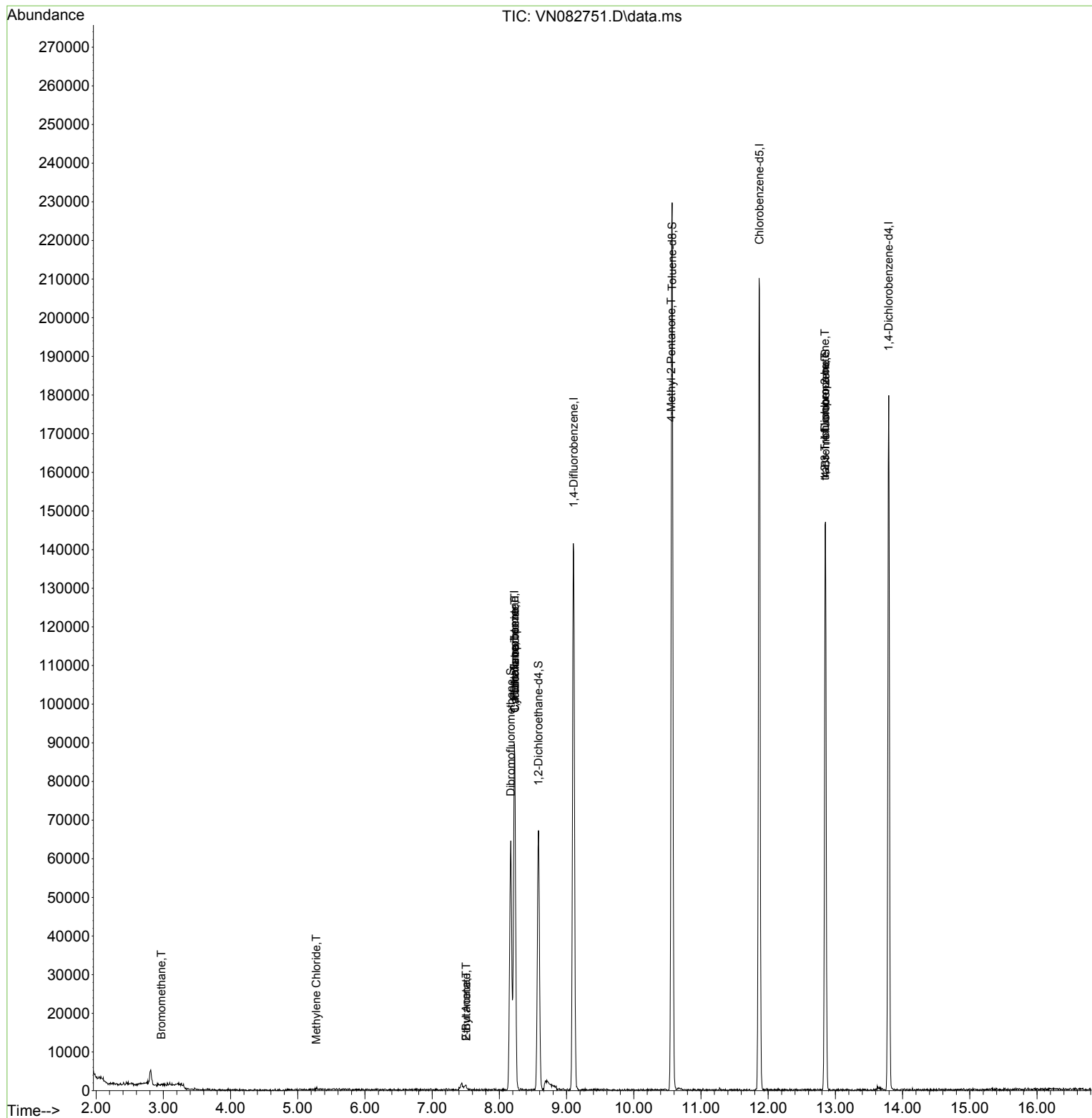
Internal Standards						
1) Pentafluorobenzene	8.224	168	62731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	119846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	116279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	46198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	54571	56.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.820%			
35) Dibromofluoromethane	8.171	113	44599	56.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.040%			
50) Toluene-d8	10.571	98	157613	53.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.853	95	48374	47.735	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.460%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	243	0.322	ug/l #	1
20) Methylene Chloride	5.277	84	197	0.212	ug/l #	7
25) 2-Butanone	7.506	43	2249	4.016	ug/l #	53
31) Cyclohexane	8.230	56	1578	1.158	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	5660	4.991	ug/l #	50
37) Ethyl Acetate	7.506	43	2249	1.835	ug/l #	72
38) Carbon Tetrachloride	8.230	117	6885	5.190	ug/l #	19
51) 4-Methyl-2-Pentanone	10.559	43	679	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	27387	27.178	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	27387	70.878	ug/l #	6

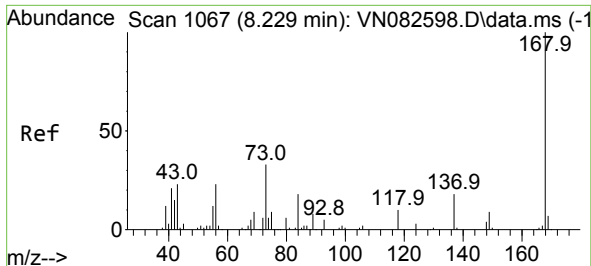
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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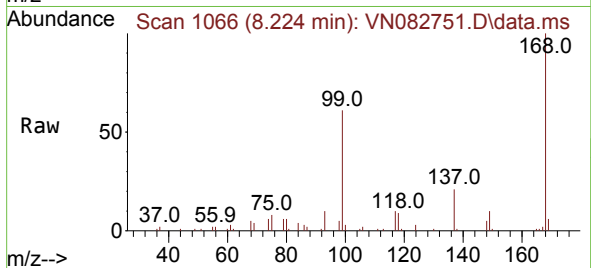
Quant Time: Jun 28 23:15:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
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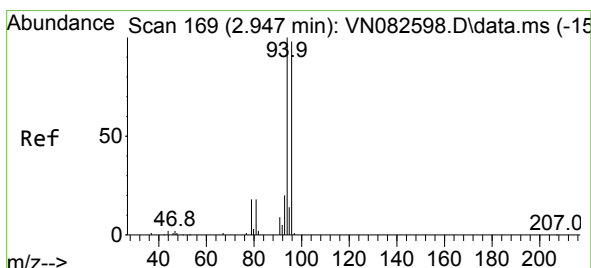
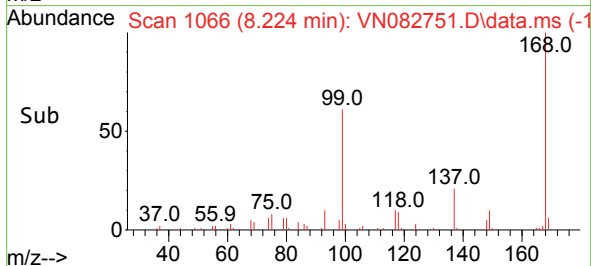
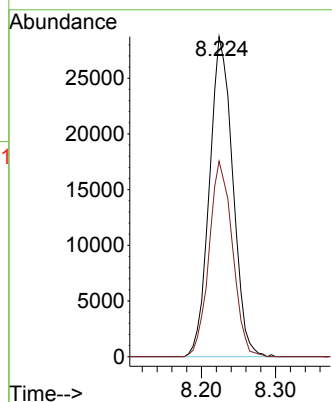


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :

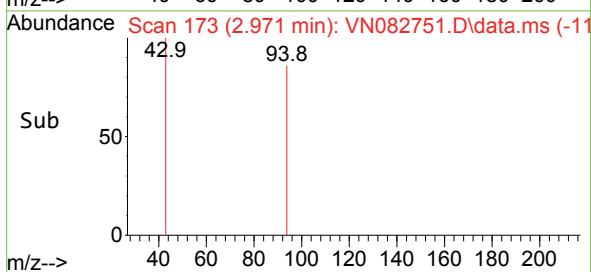
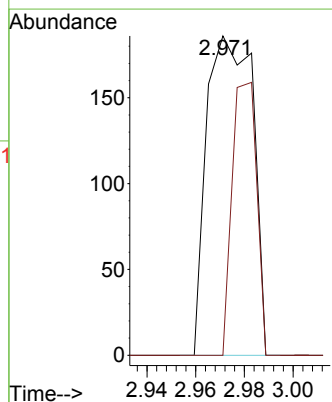
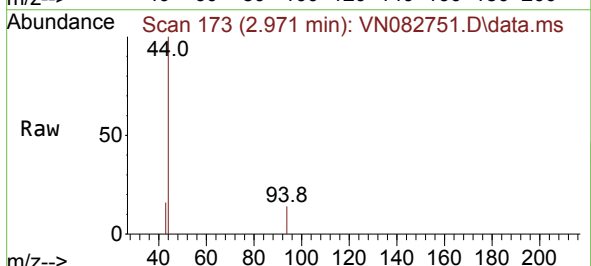


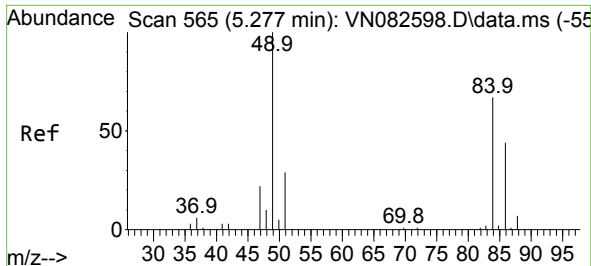
Tgt Ion:168 Resp: 62731
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#5
Bromomethane
Concen: 0.322 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Tgt Ion: 94 Resp: 243
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#





#20

Methylene Chloride

Concen: 0.212 ug/l

RT: 5.277 min Scan# 5

Delta R.T. -0.000 min

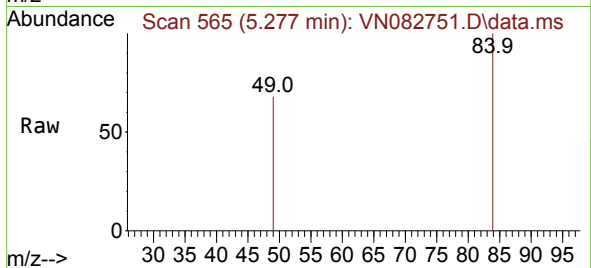
Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 197

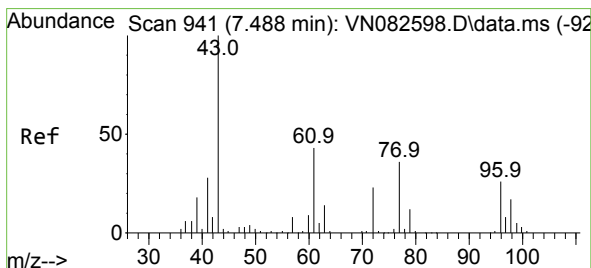
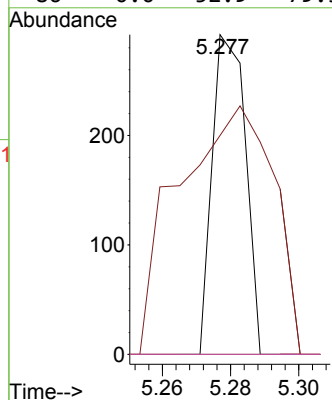
Ion Ratio Lower Upper

84 100

49 16.8 119.6 179.4#

51 0.0 34.8 52.2#

86 0.0 52.9 79.3#



#25

2-Butanone

Concen: 4.016 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.018 min

Lab File: VN082751.D

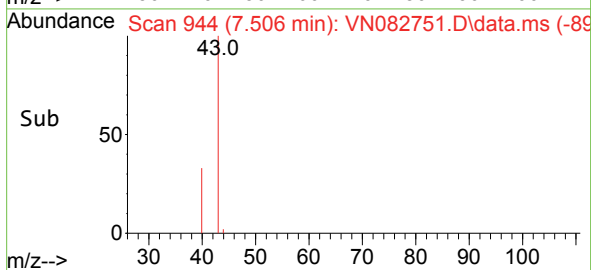
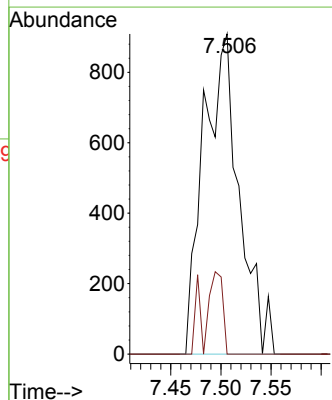
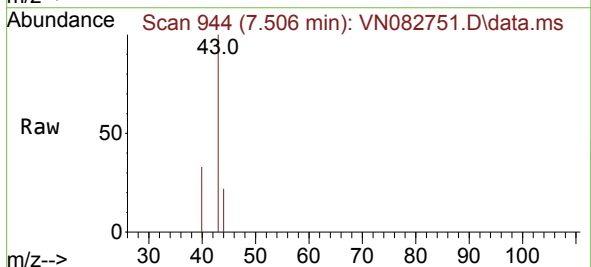
Acq: 28 Jun 2024 17:24

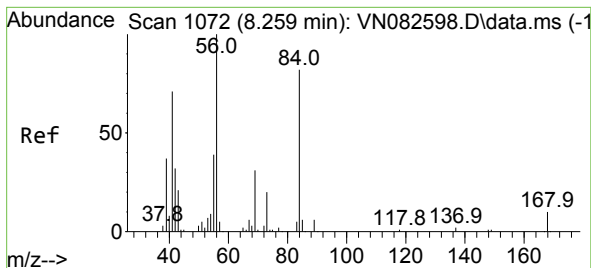
Tgt Ion: 43 Resp: 2249

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#





#31

Cyclohexane

Concen: 1.158 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

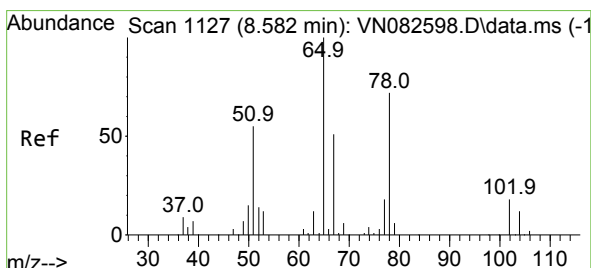
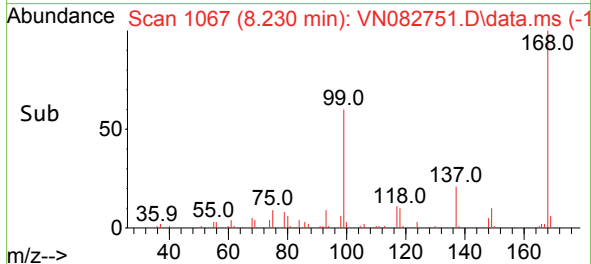
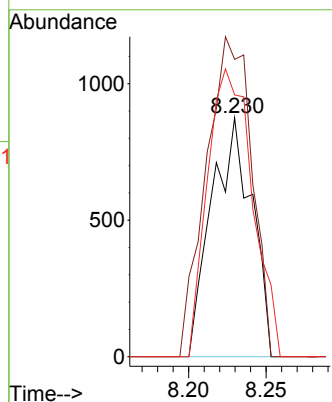
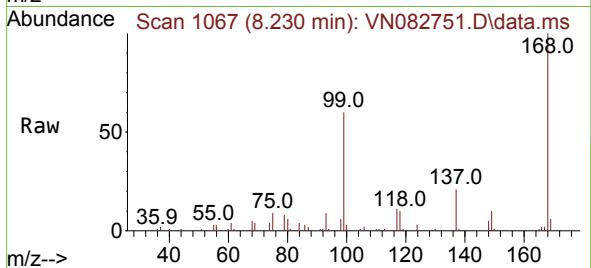
Tgt Ion: 56 Resp: 1578

Ion Ratio Lower Upper

56 100

69 124.5 24.5 36.7#

84 109.6 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 56.410 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082751.D

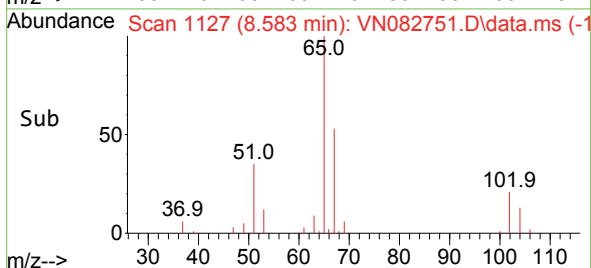
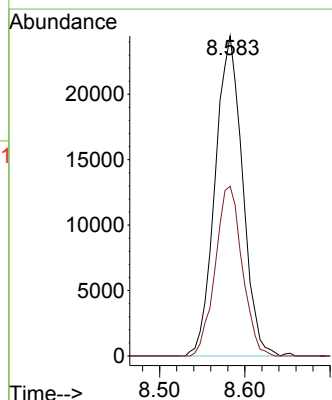
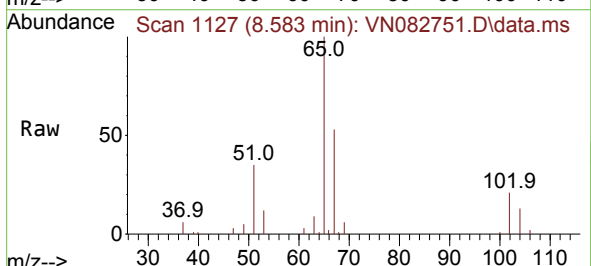
Acq: 28 Jun 2024 17:24

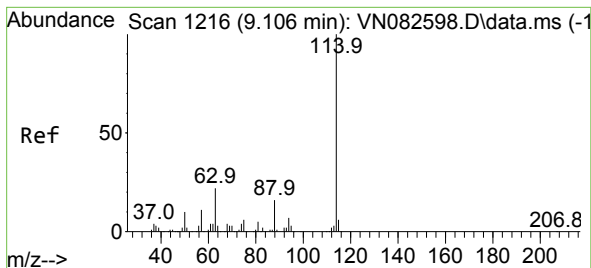
Tgt Ion: 65 Resp: 54571

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

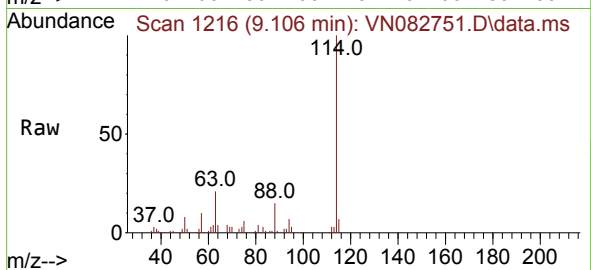
Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :



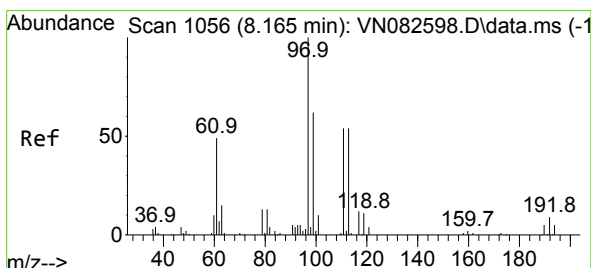
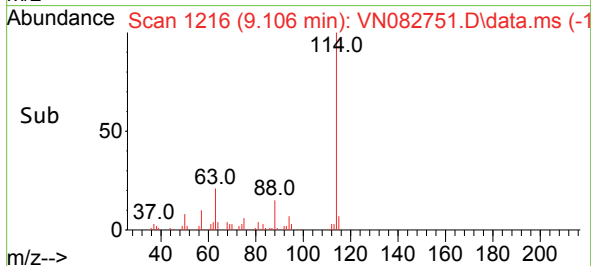
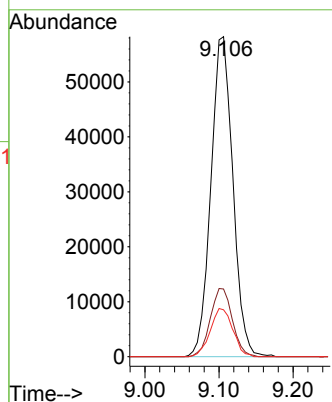
Tgt Ion:114 Resp: 119846

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.522 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

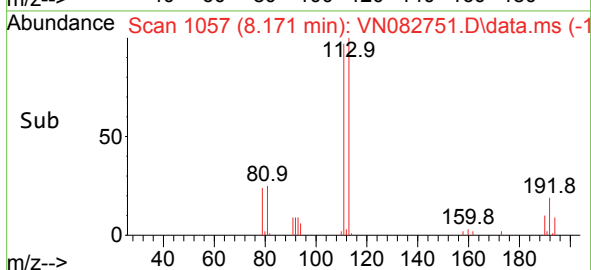
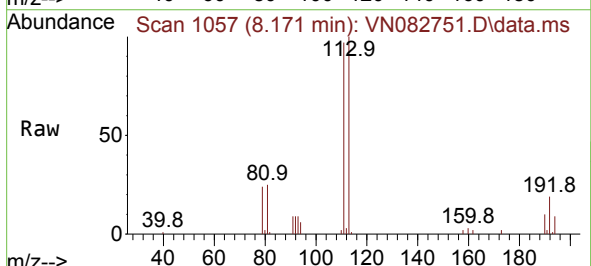
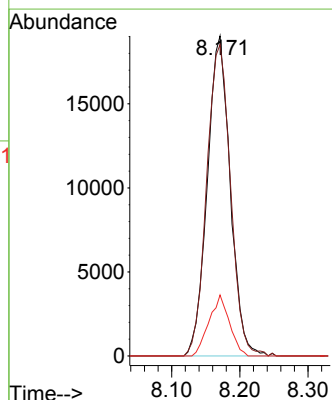
Tgt Ion:113 Resp: 44599

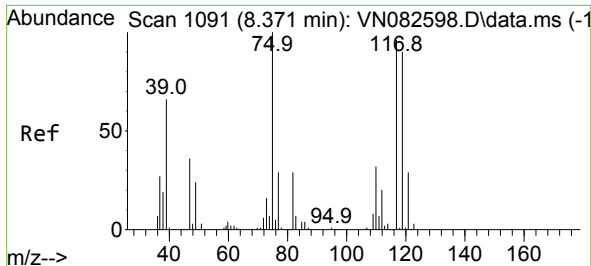
Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

192 17.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.991 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

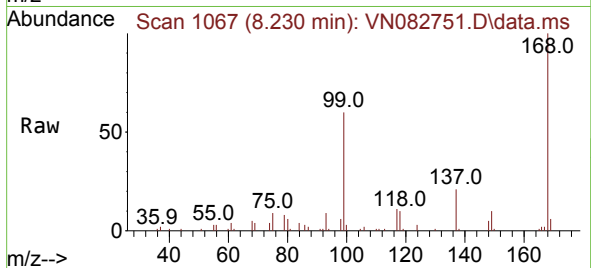
Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

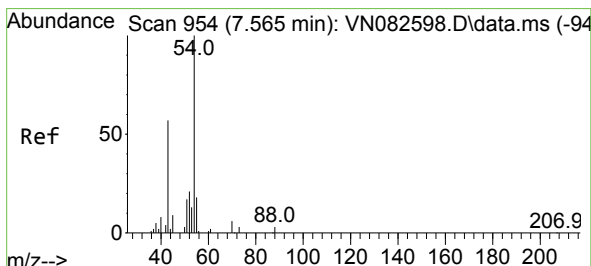
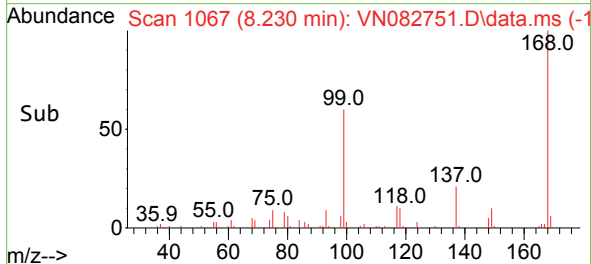
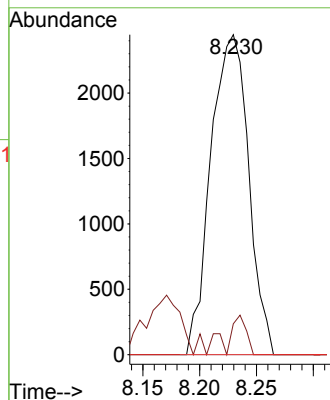
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 5660
Ion Ratio	Lower Upper
75	100
110	7.5 16.3 48.9#
77	0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.835 ug/l

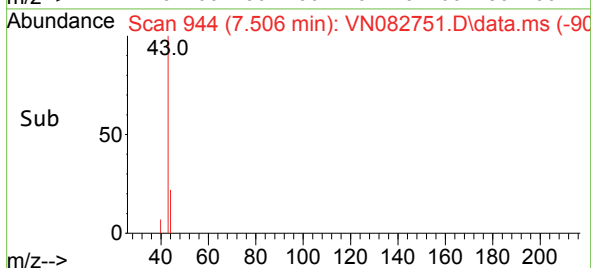
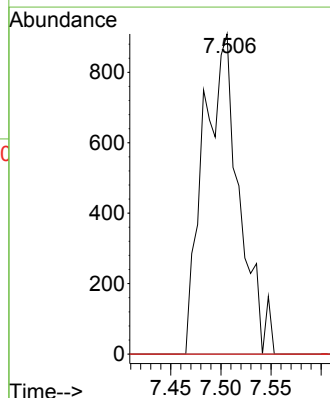
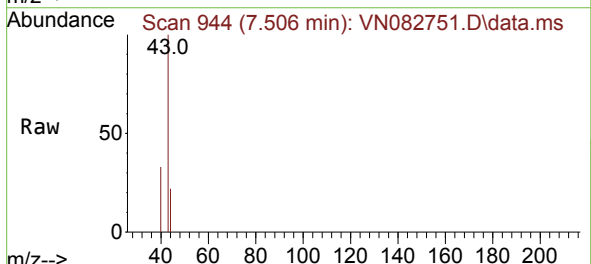
RT: 7.506 min Scan# 944

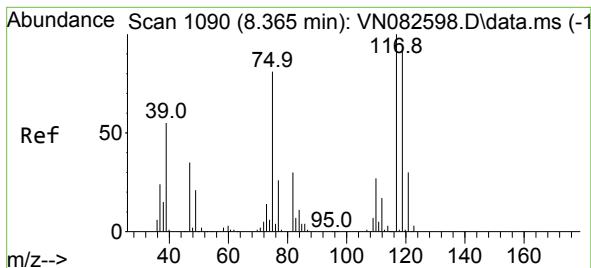
Delta R.T. -0.059 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Tgt Ion: 43	Resp: 2249
Ion Ratio	Lower Upper
43	100
61	0.0 9.3 13.9#
70	0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.190 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

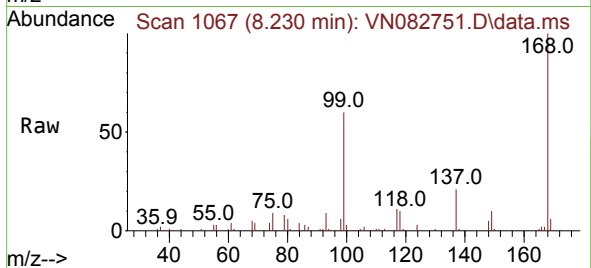
Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :



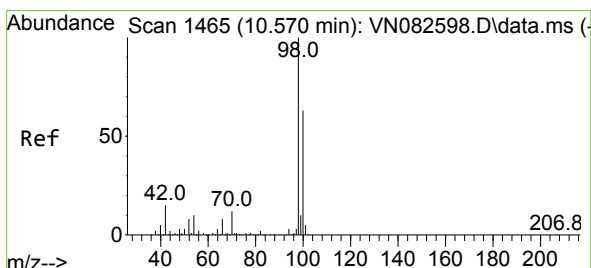
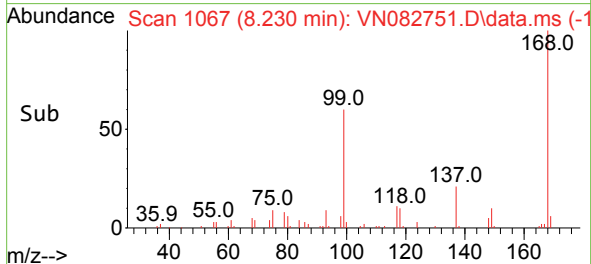
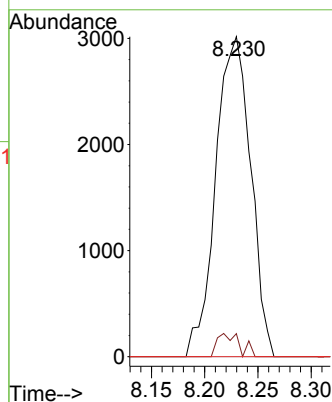
Tgt Ion:117 Resp: 6885

Ion Ratio Lower Upper

117 100

119 7.2 74.9 112.3#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 53.412 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082751.D

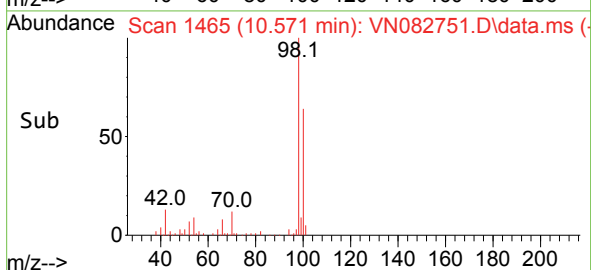
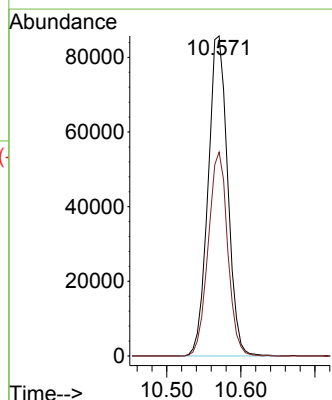
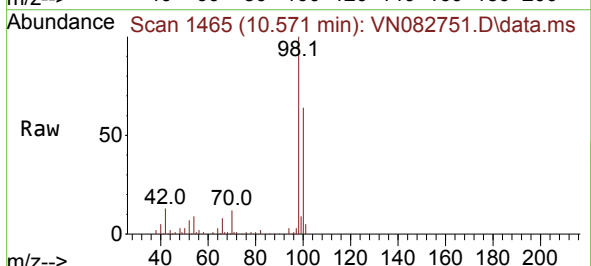
Acq: 28 Jun 2024 17:24

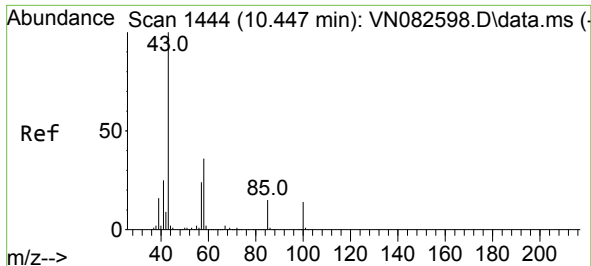
Tgt Ion: 98 Resp: 157613

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3

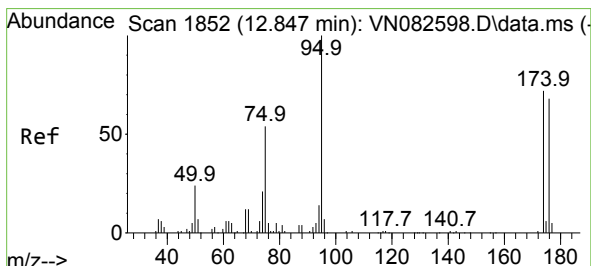
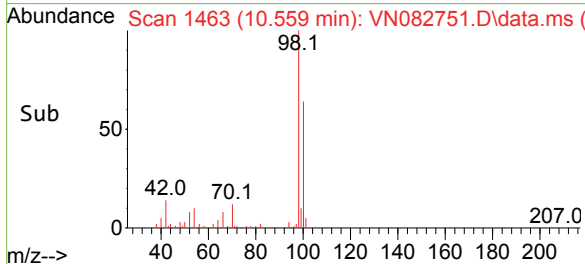
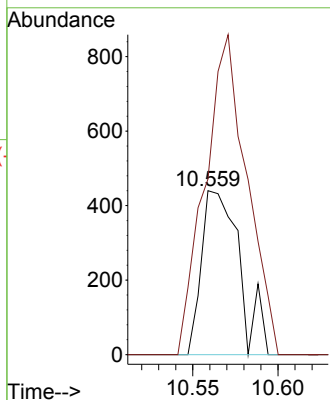
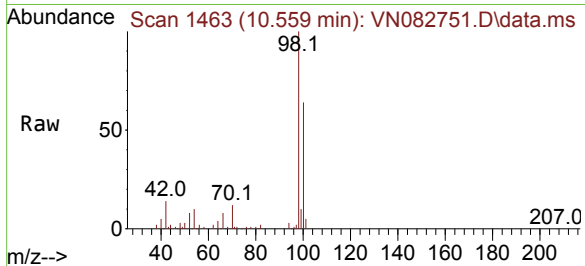




#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

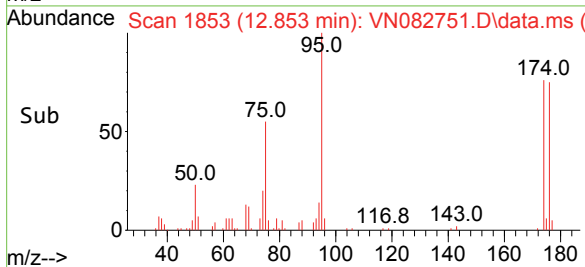
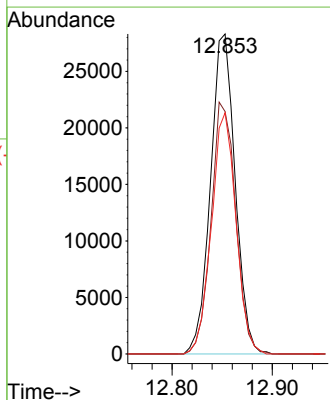
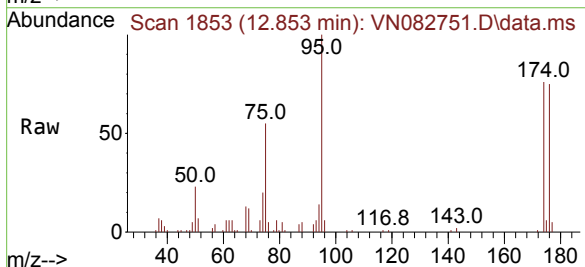
Instrument :
MSVOA_N
ClientSampleId :

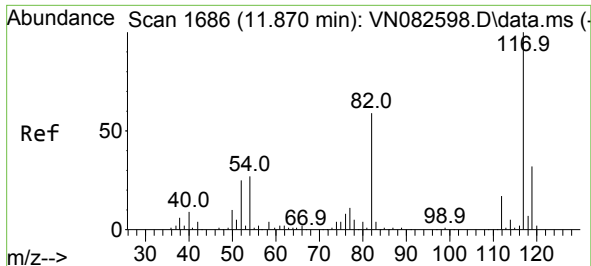
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 217.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 47.735 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

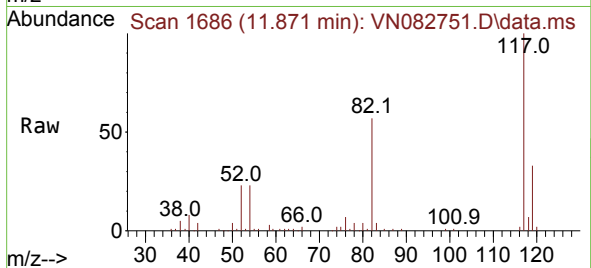
Tgt Ion: 95 Resp: 48374
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 75.0 0.0 147.6



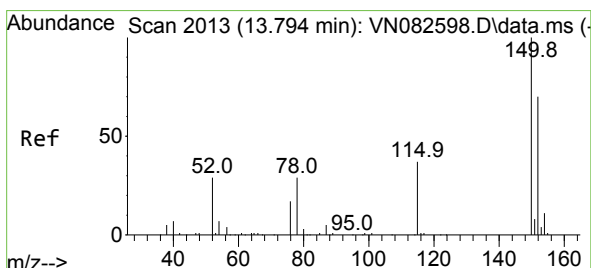
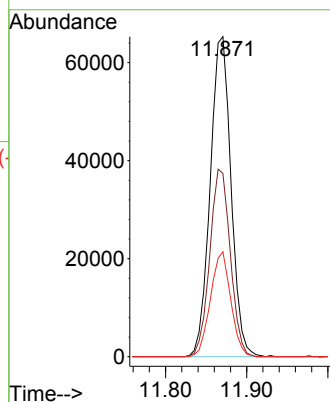
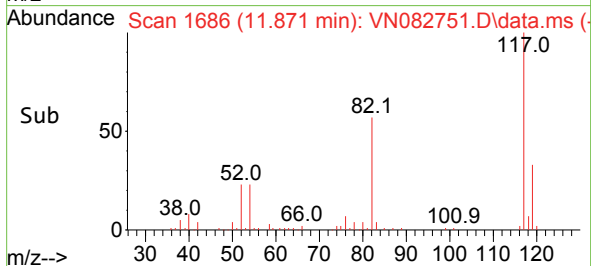


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :

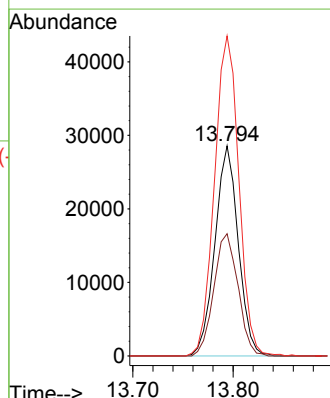
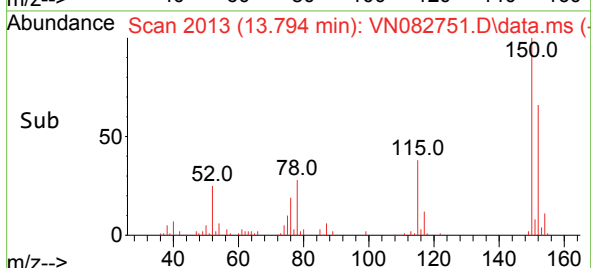
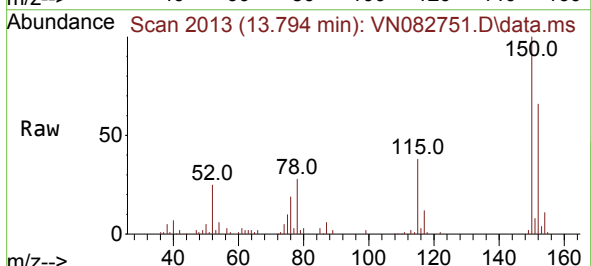


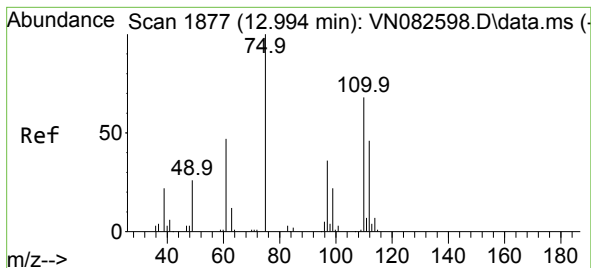
Tgt Ion:117 Resp: 116279
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Tgt Ion:152 Resp: 46198
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 158.9 0.0 348.6

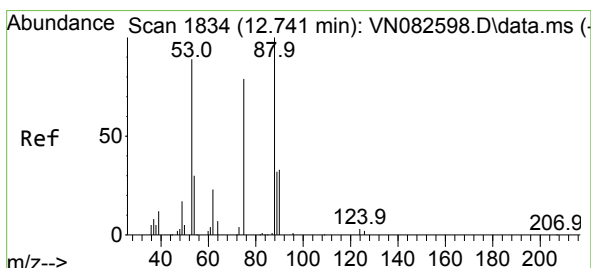
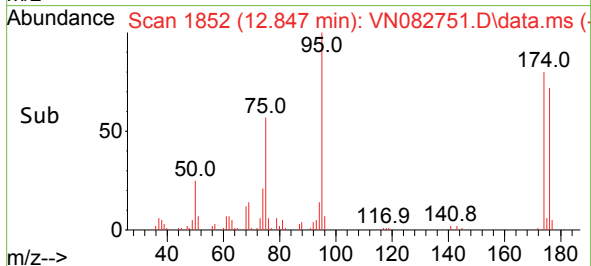
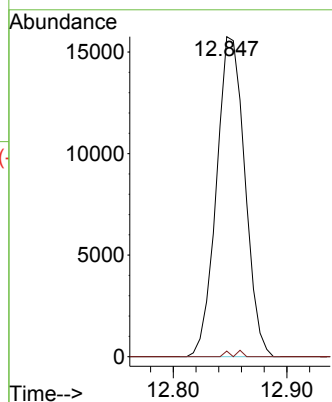
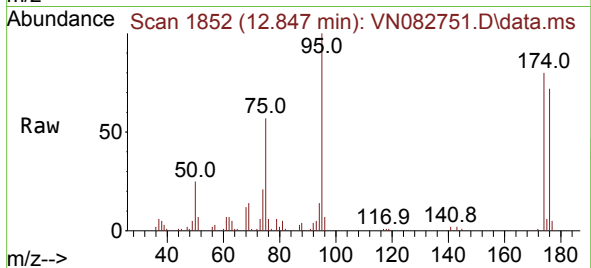




#76
1,2,3-Trichloropropane
Concen: 27.178 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 27387
Ion Ratio Lower Upper
75 100
77 0.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.878 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Tgt Ion: 75 Resp: 27387
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

