

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082957.D
 Acq On : 17 Jul 2024 12:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 18 05:22:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

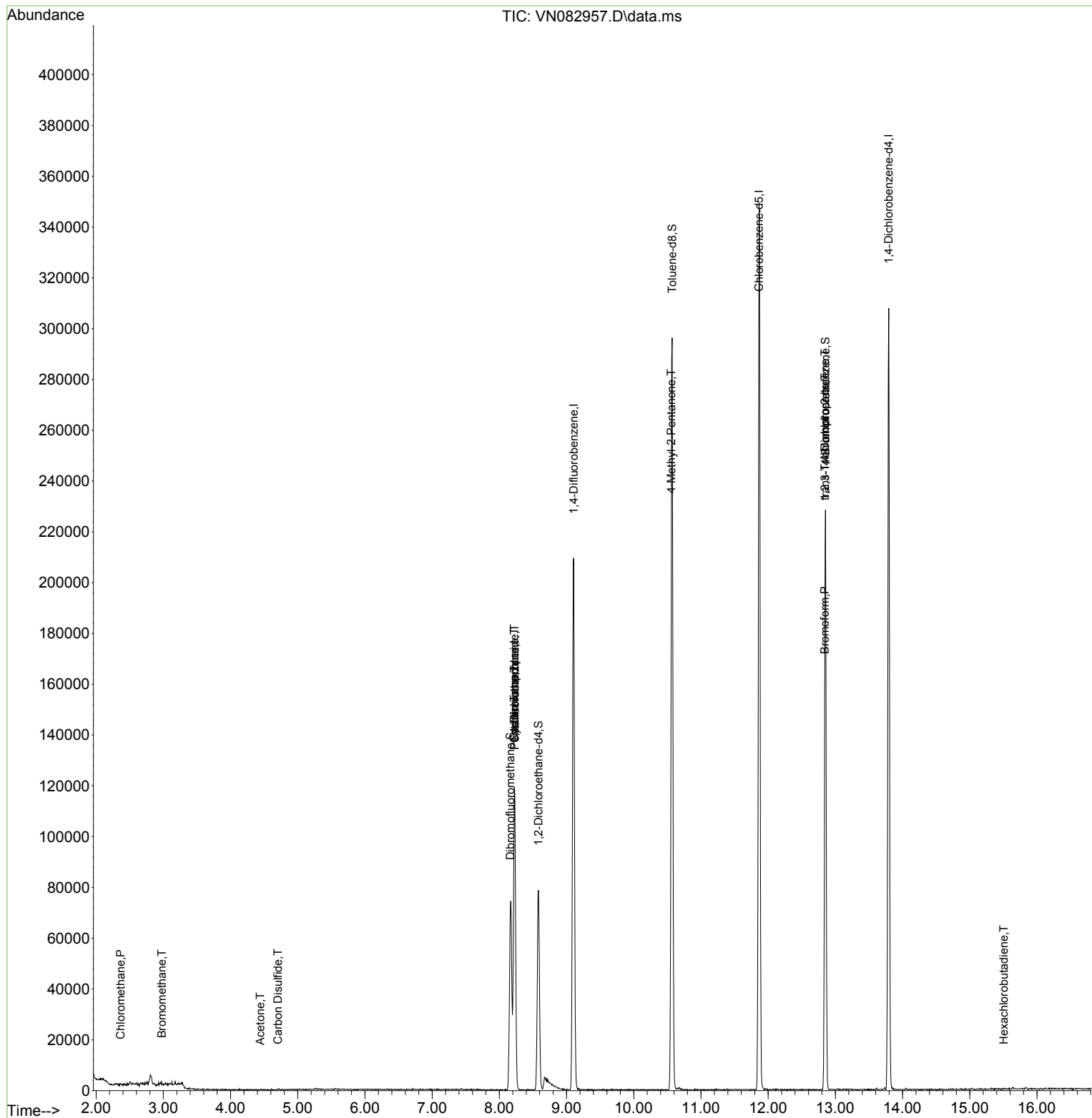
Internal Standards						
1) Pentafluorobenzene	8.230	168	82554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	175765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	196383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65747	56.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.620%
35) Dibromofluoromethane	8.165	113	53722	47.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	10.571	98	203022	48.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.853	95	72767	48.630	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	379	0.374	ug/l #	57
5) Bromomethane	2.977	94	500	0.651	ug/l	91
16) Acetone	4.442	43	310	0.761	ug/l #	48
17) Carbon Disulfide	4.706	76	516	0.205	ug/l #	75
31) Cyclohexane	8.224	56	2391	1.580	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	7555	4.859	ug/l #	52
38) Carbon Tetrachloride	8.224	117	9522	5.086	ug/l #	18
43) Isopropyl Acetate	8.682	43	3284	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	923	0.588	ug/l #	1
71) Bromoform	12.841	173	259	0.220	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	40848	29.489	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40848	57.996	ug/l #	6
94) Hexachlorobutadiene	15.506	225	189	0.300	ug/l #	37

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

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QLast Update : Mon Jul 08 13:46:04 2024
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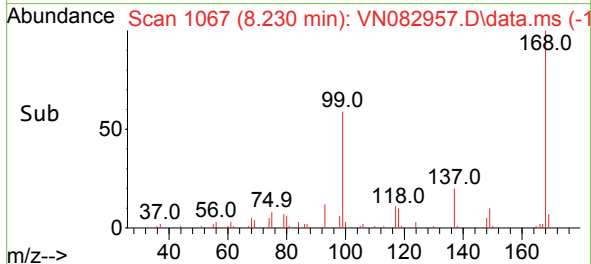
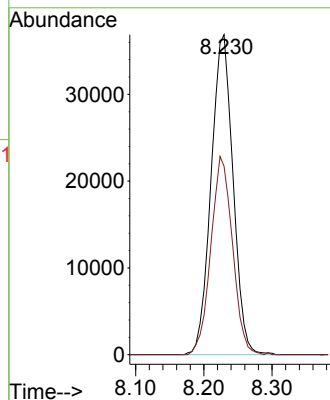
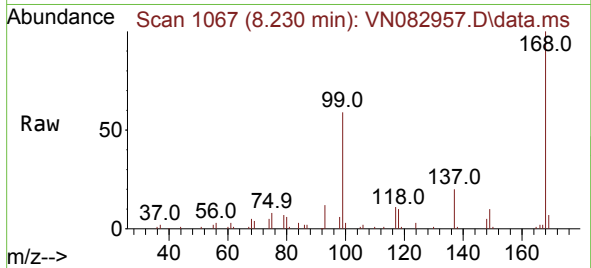




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

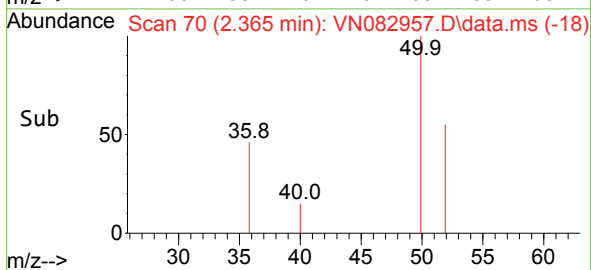
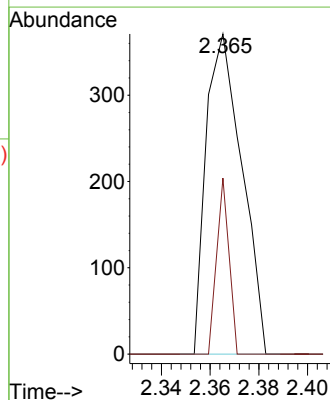
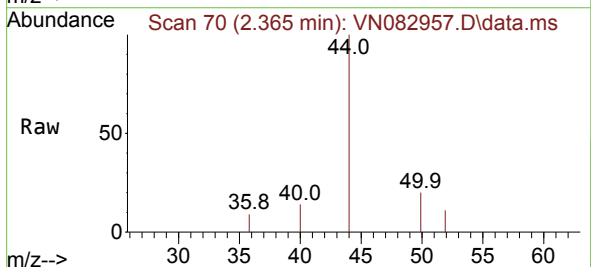
Instrument :
MSVOA_N
ClientSampleId :
IBLK

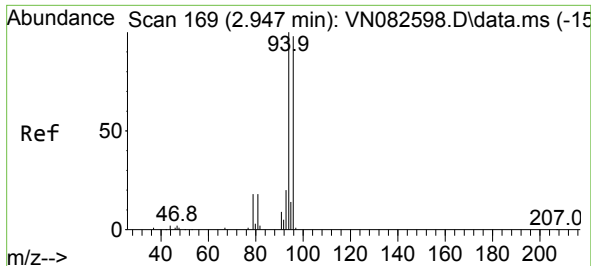
Tgt Ion:168 Resp: 82554
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#3
Chloromethane
Concen: 0.374 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 55.0 25.0 37.4#

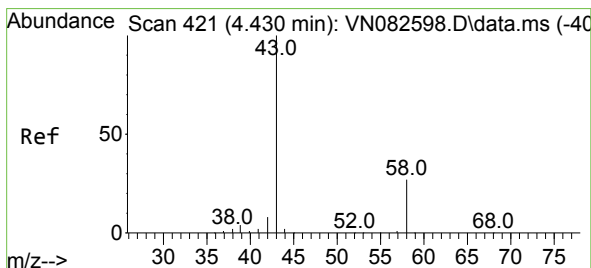
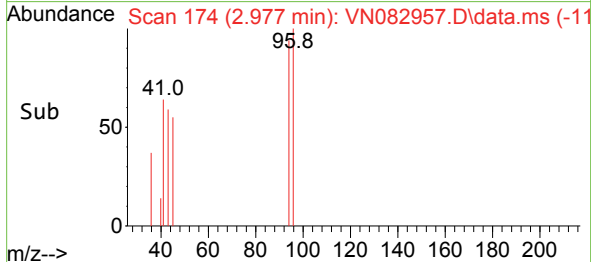
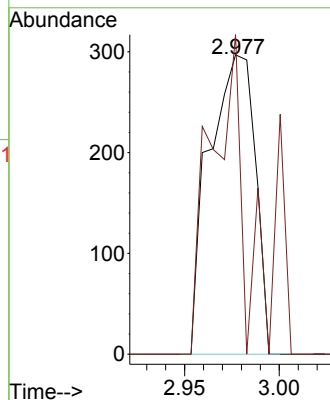
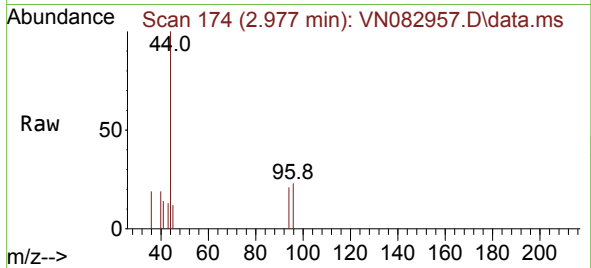




#5
Bromomethane
Concen: 0.651 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

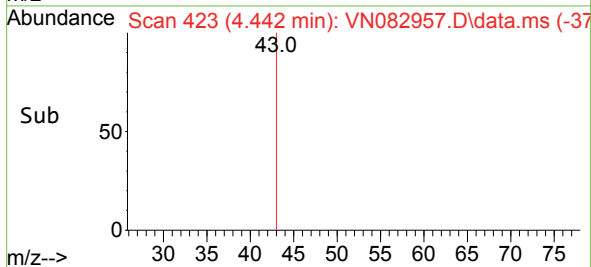
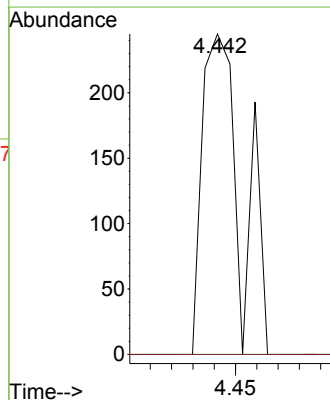
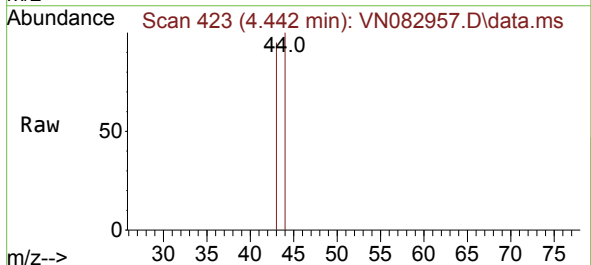
Instrument :
MSVOA_N
ClientSampleId :
IBLK

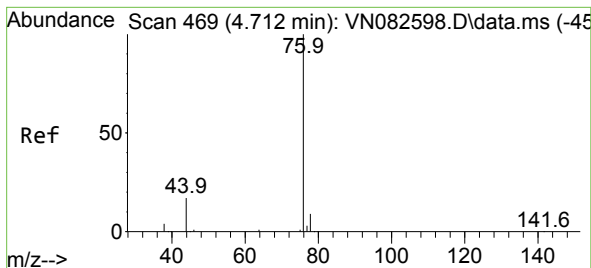
Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 106.7 78.0 117.0



#16
Acetone
Concen: 0.761 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#17

Carbon Disulfide

Concen: 0.205 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

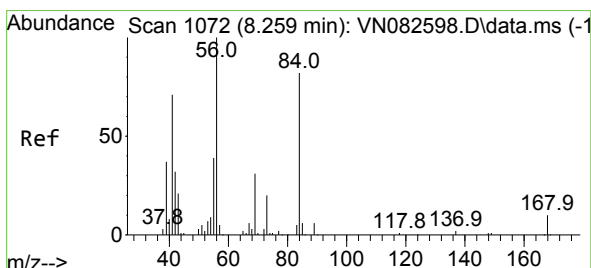
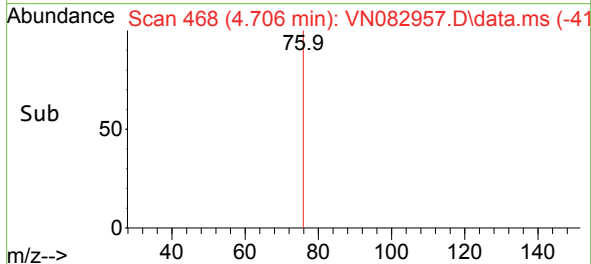
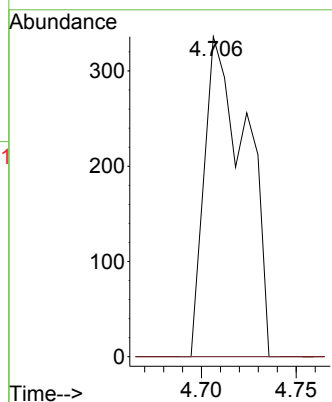
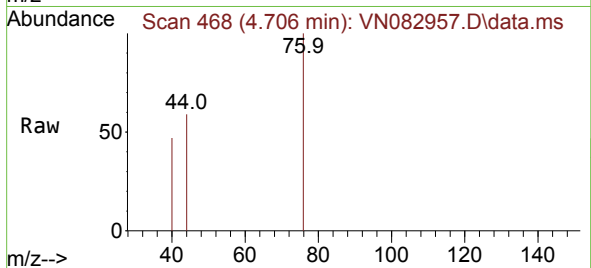
IBLK

Tgt Ion: 76 Resp: 516

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#31

Cyclohexane

Concen: 1.580 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

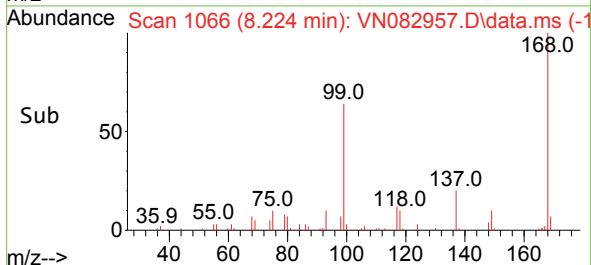
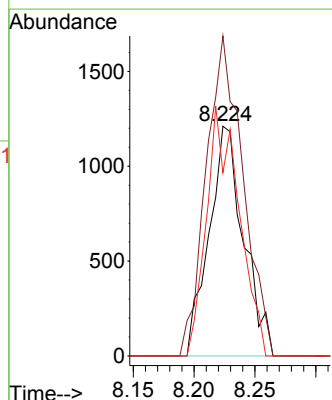
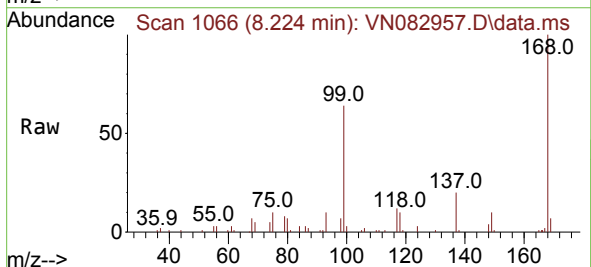
Tgt Ion: 56 Resp: 2391

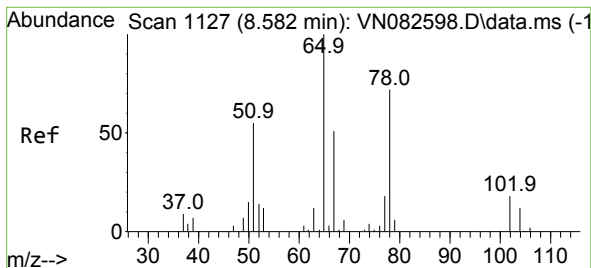
Ion Ratio Lower Upper

56 100

69 139.3 24.5 36.7#

84 79.8 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 56.814 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

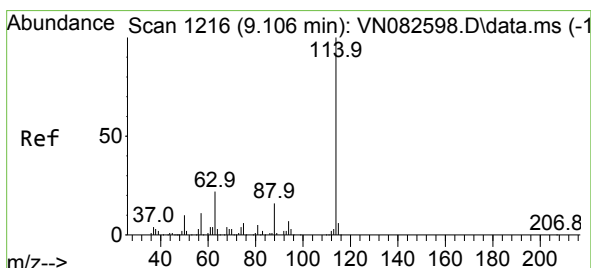
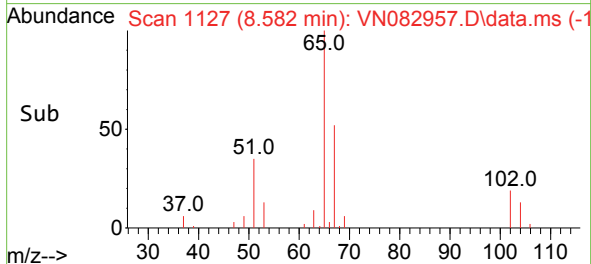
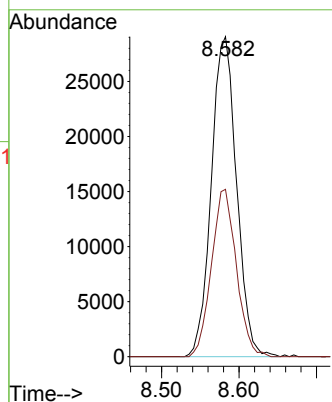
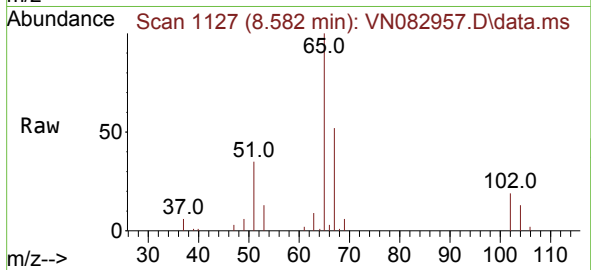
IBLK

Tgt Ion: 65 Resp: 65747

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

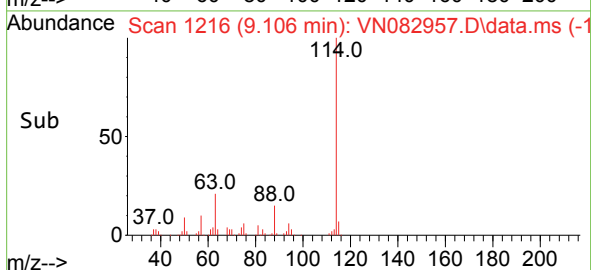
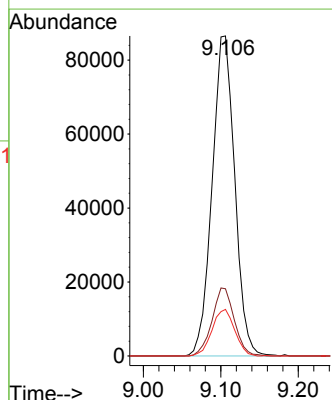
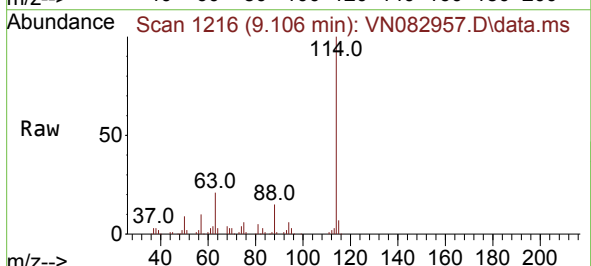
Tgt Ion: 114 Resp: 175765

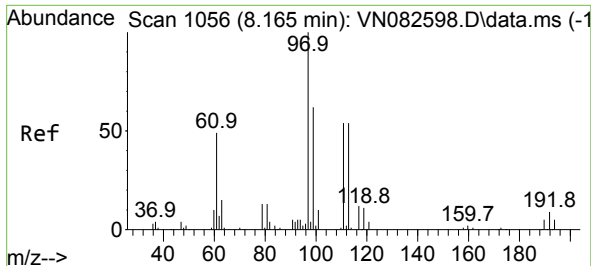
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 14.5 0.0 31.4

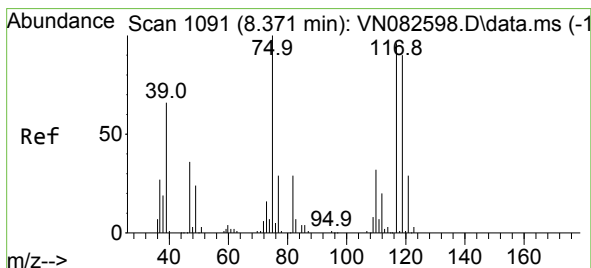
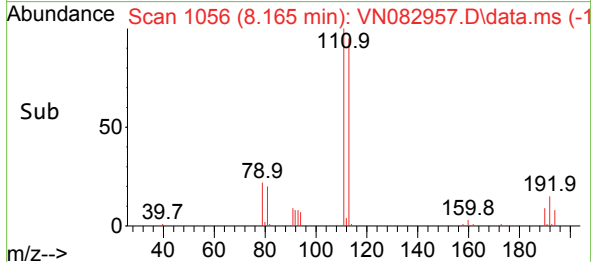
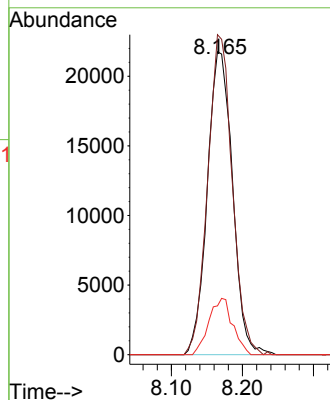
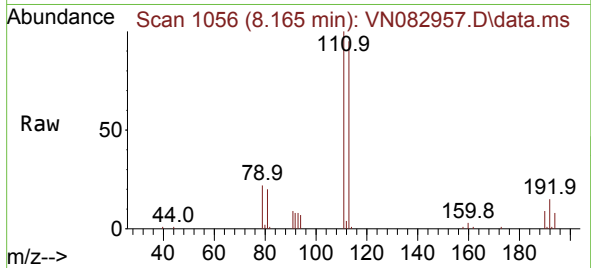




#35
Dibromofluoromethane
Concen: 47.633 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

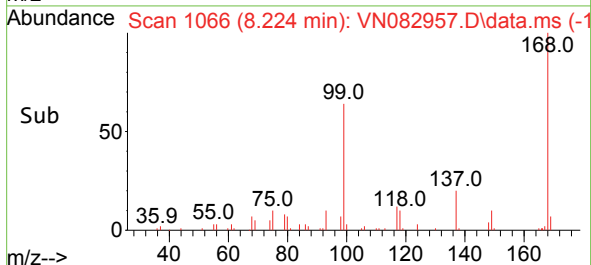
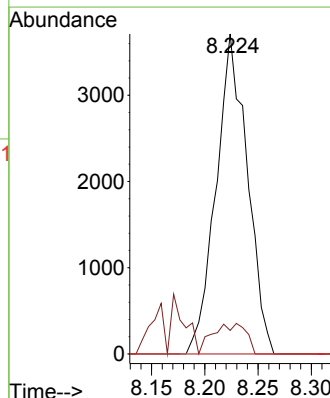
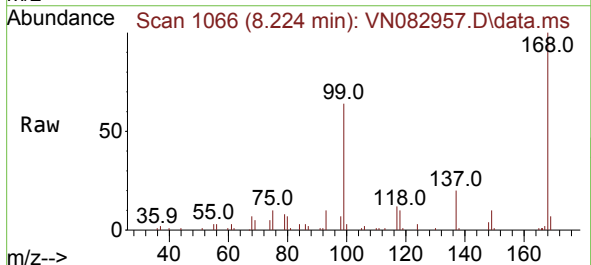
Instrument :
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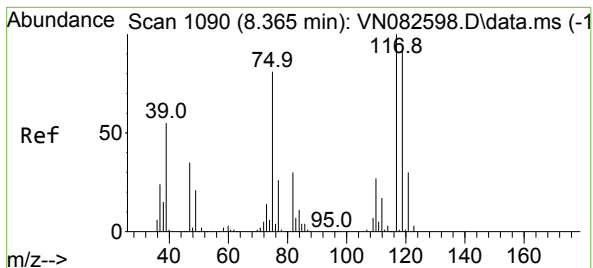
Tgt Ion:113 Resp: 53722
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 75 Resp: 7555
Ion Ratio Lower Upper
75 100
110 10.2 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.086 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082957.D

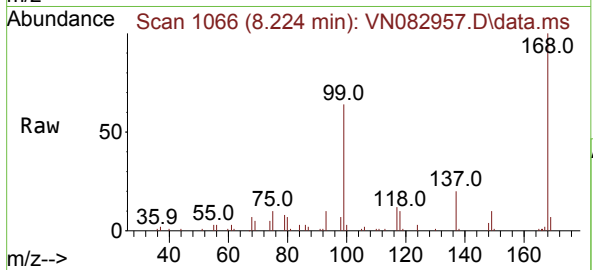
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Instrument :

MSVOA_N

ClientSampleId :

IBLK



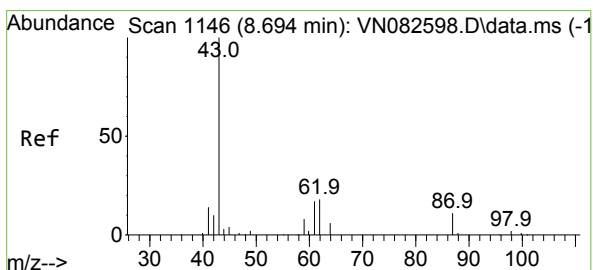
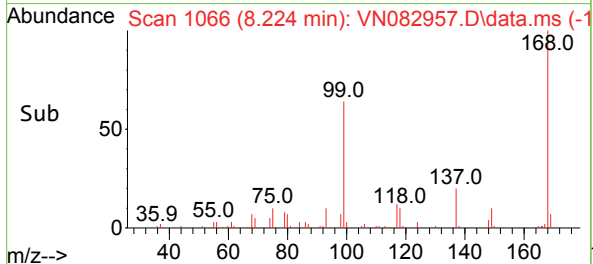
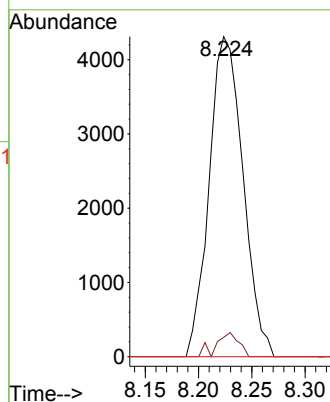
Tgt Ion:117 Resp: 9522

Ion Ratio Lower Upper

117 100

119 6.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.682 min Scan# 1144

Delta R.T. -0.012 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

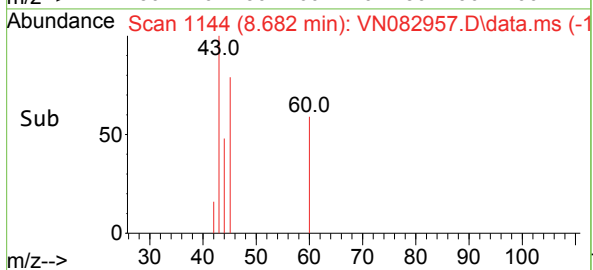
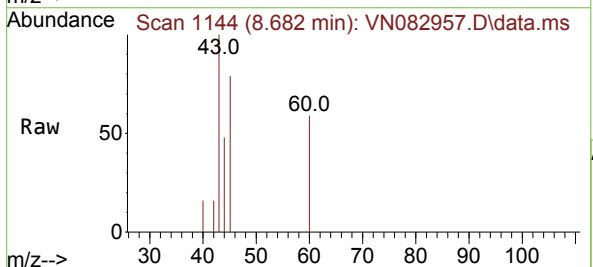
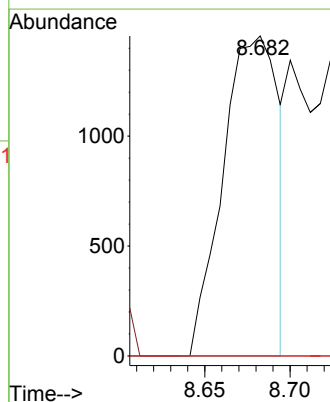
Tgt Ion: 43 Resp: 3284

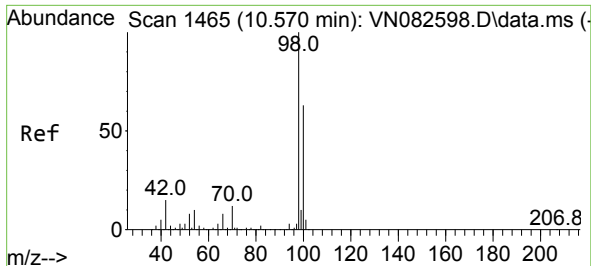
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

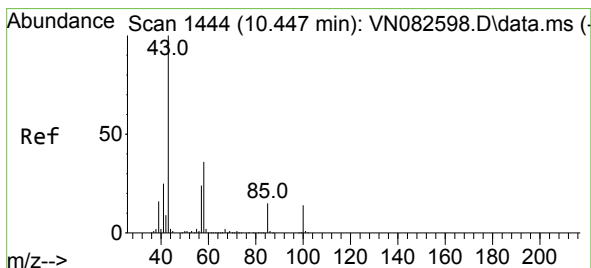
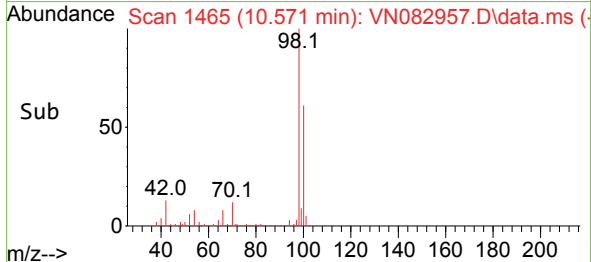
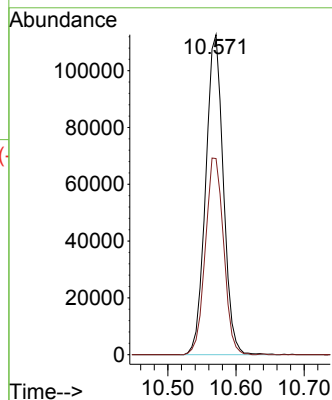
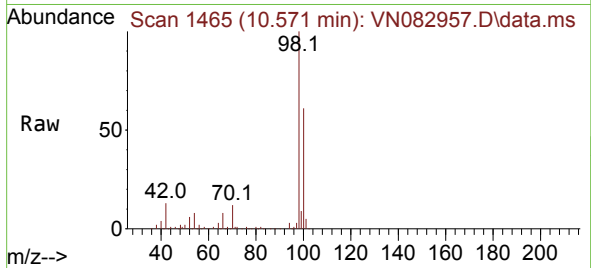




#50
Toluene-d8
Concen: 48.737 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

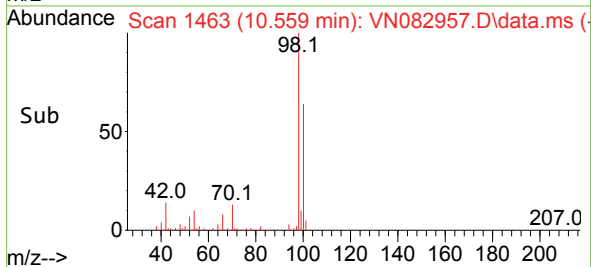
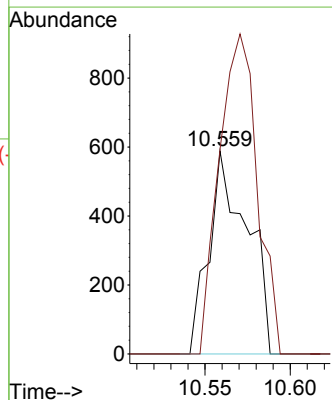
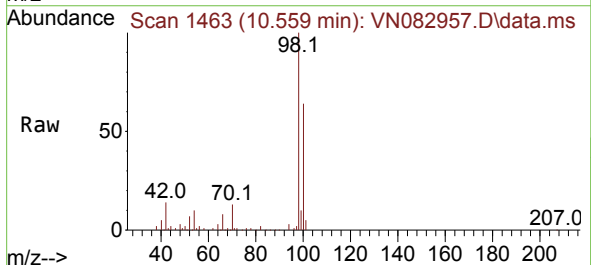
Instrument :
MSVOA_N
ClientSampleId :
IBLK

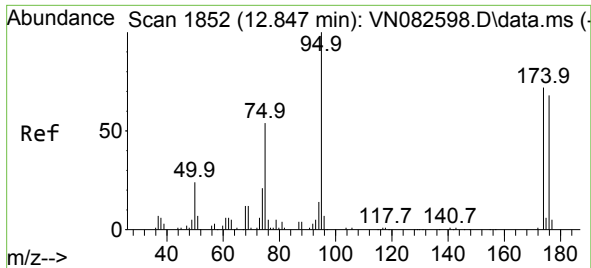
Tgt Ion: 98 Resp: 203022
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 156.7 28.2 42.4#

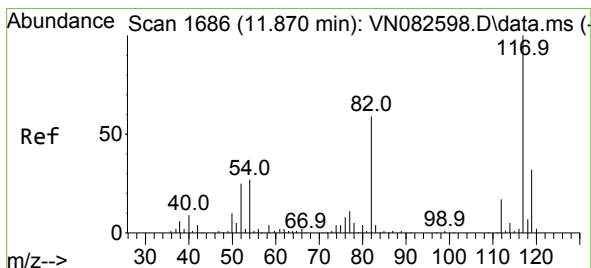
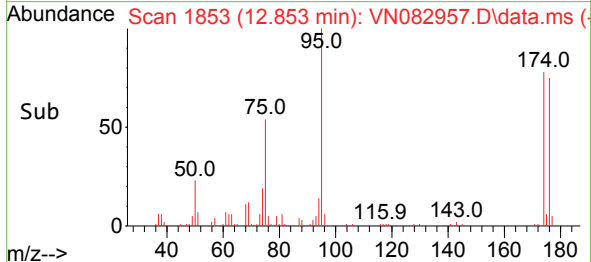
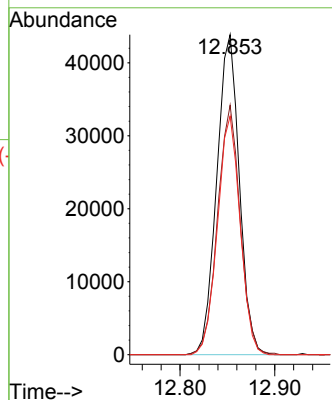
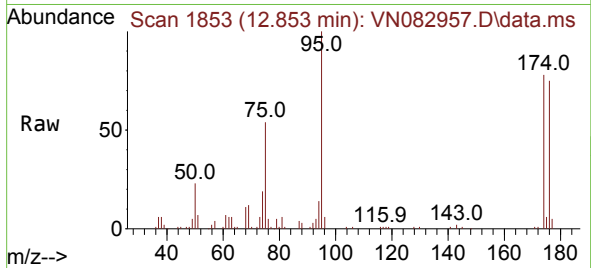




#62
4-Bromofluorobenzene
Concen: 48.630 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

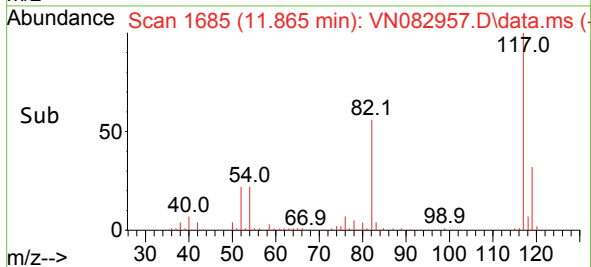
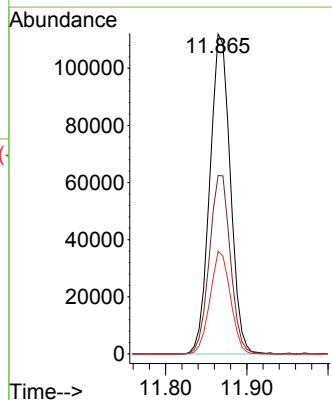
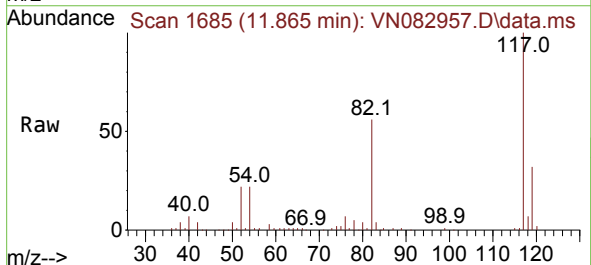
Instrument :
MSVOA_N
ClientSampleId :
IBLK

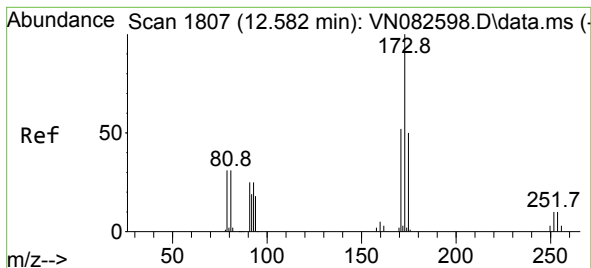
Tgt Ion: 95 Resp: 72767
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 74.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 117 Resp: 196383
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 32.0 25.6 38.4





#71

Bromoform

Concen: 0.220 ug/l

RT: 12.841 min Scan# 1807

Delta R.T. 0.259 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

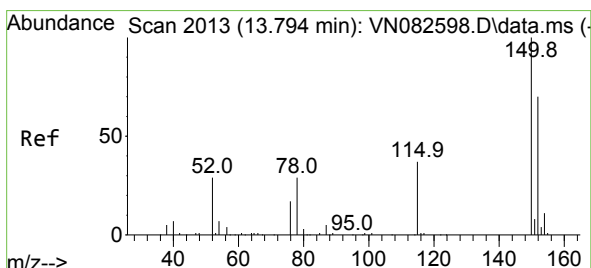
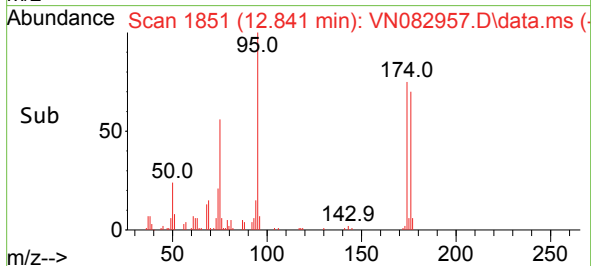
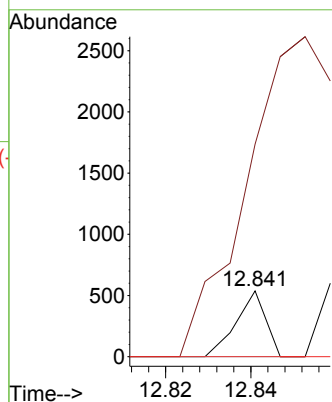
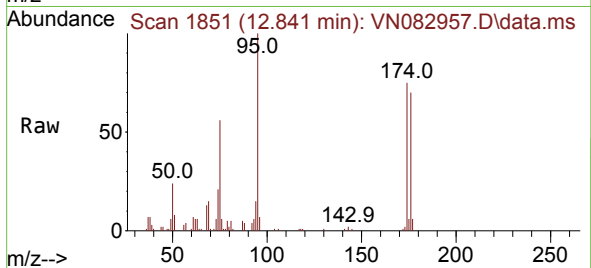
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	173	Resp:	259
Ion Ratio	Lower	Upper	
173	100		
175	1422.4	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

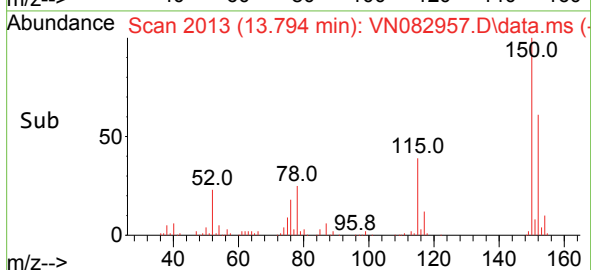
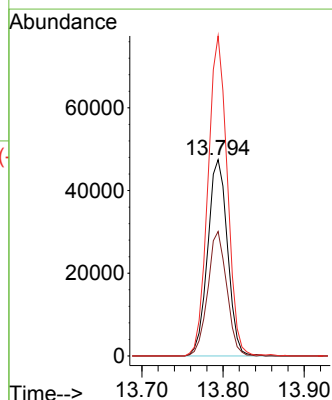
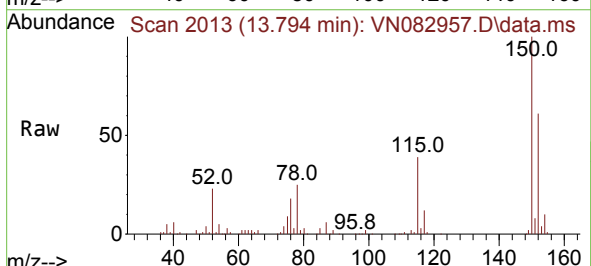
RT: 13.794 min Scan# 2013

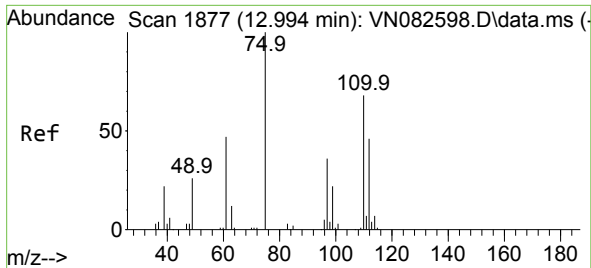
Delta R.T. -0.000 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

Tgt Ion:	152	Resp:	80345
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.6	91.6
150	159.0	0.0	348.6

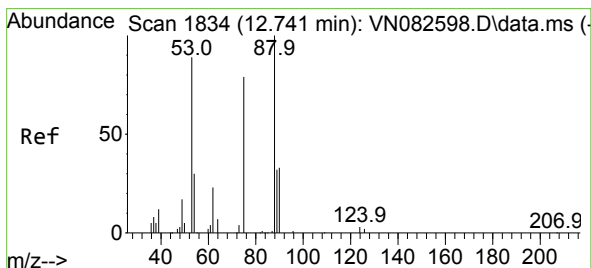
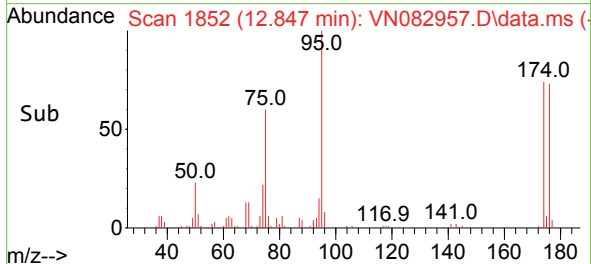
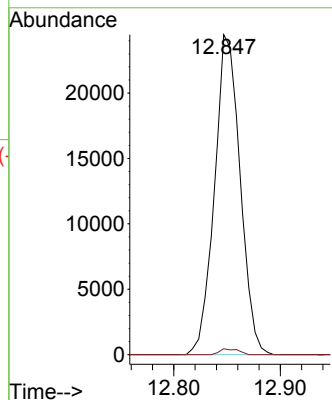
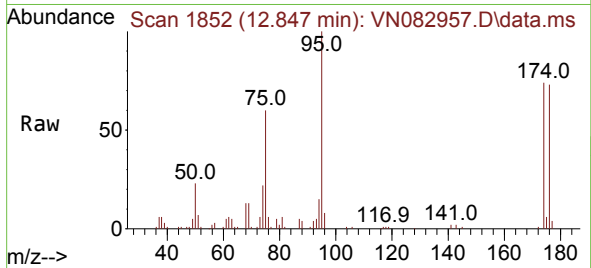




#76
1,2,3-Trichloropropane
Concen: 29.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

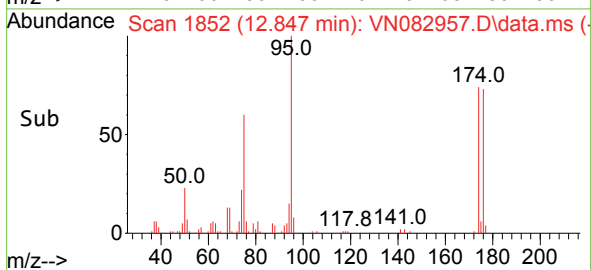
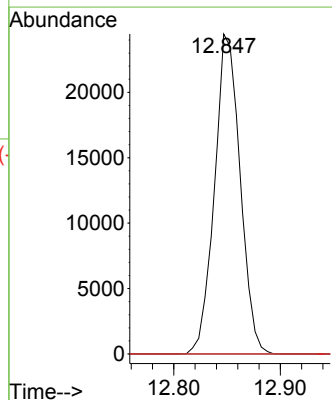
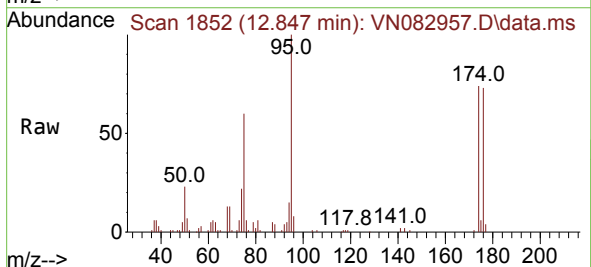
Instrument :
MSVOA_N
ClientSampleId :
IBLK

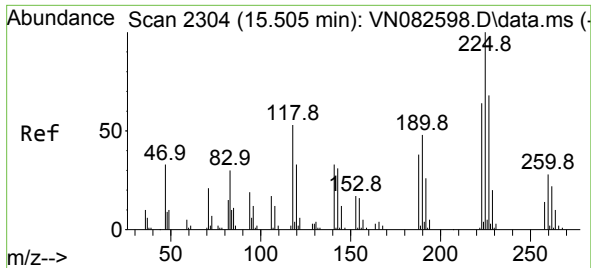
Tgt Ion: 75 Resp: 40848
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

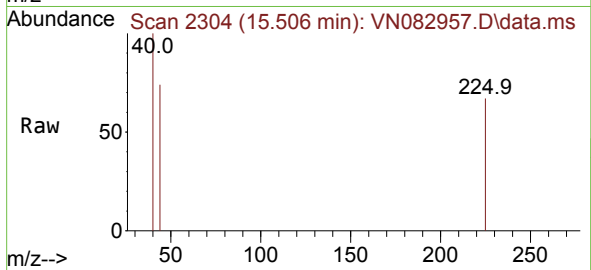
Tgt Ion: 75 Resp: 40848
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#94
 Hexachlorobutadiene
 Concen: 0.300 ug/l
 RT: 15.506 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VN082957.D
 Acq: 17 Jul 2024 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:225 Resp: 189
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.9 95.7#
 227 29.6 32.5 97.5#

