

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082021.D
 Acq On : 07 May 2024 13:37
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

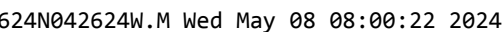
Quant Time: May 08 08:00:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

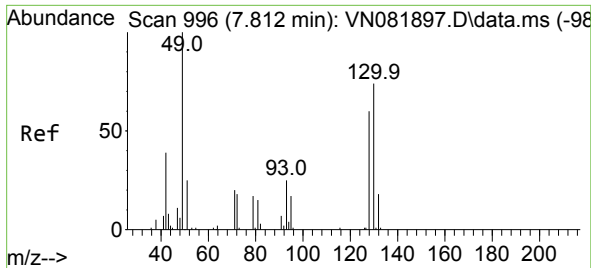
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.812	128	30262	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	160763	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	139781	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	76688	30.267	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.900%
60) 4-Bromofluorobenzene	12.847	95	63047	27.102	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.333%
63) Toluene-d8	10.565	98	203952	30.724	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.400%
Target Compounds						
18) Methylene Chloride	5.283	84	589	0.280	ug/l #	1
36) 1,2-Dichloroethane	9.106	62	6344	2.475	ug/l #	72
50) 1,1,2-Trichloroethane	10.576	97	6033	3.533	ug/l #	1
56) Bromoform	12.847	173	272	0.241	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	34830	16.119	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	34830	36.215	ug/l #	12

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

Quant Time: May 08 08:00:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration

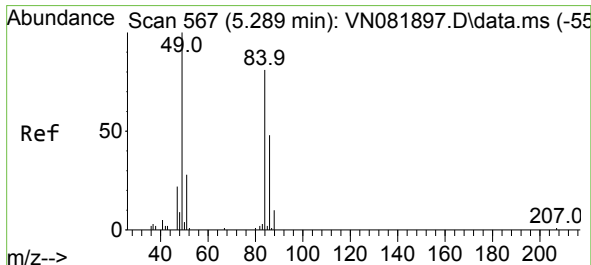
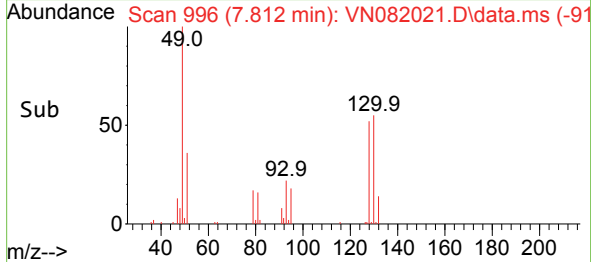
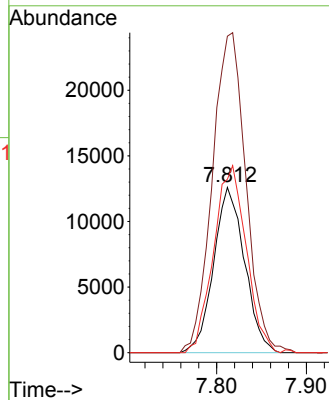
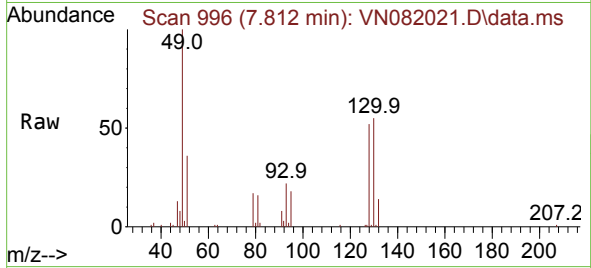




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082021.D
Acq: 07 May 2024 13:37

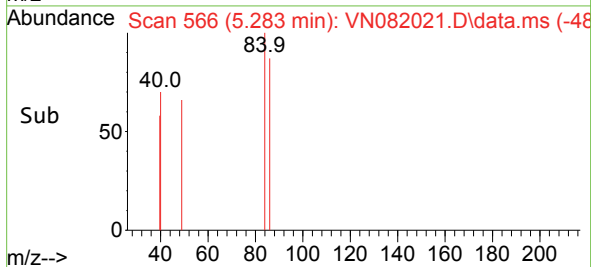
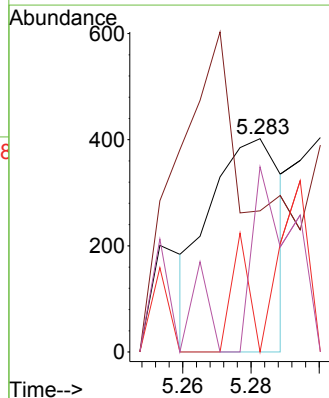
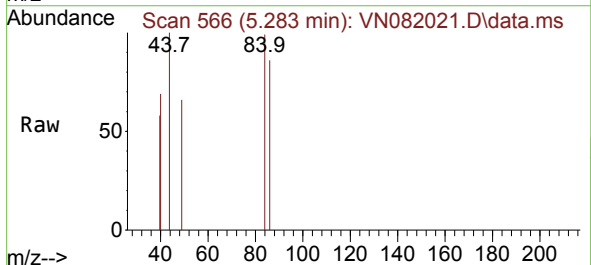
Instrument :
MSVOA_N
ClientSampleId :
IBLK

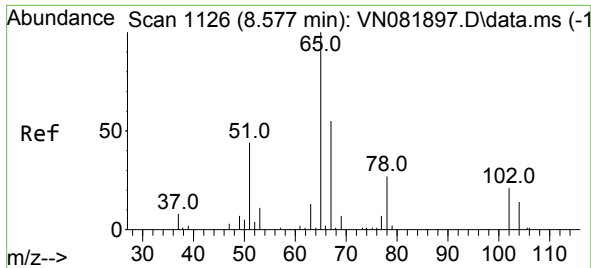
Tgt Ion:128 Resp: 30262
Ion Ratio Lower Upper
128 100
49 209.3 0.0 403.7
130 118.8 0.0 323.3



#18
Methylene Chloride
Concen: 0.280 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.006 min
Lab File: VN082021.D
Acq: 07 May 2024 13:37

Tgt Ion: 84 Resp: 589
Ion Ratio Lower Upper
84 100
49 0.0 86.0 129.0#
51 0.0 30.0 45.0#
86 160.1 53.0 79.4#





#27

1,2-Dichloroethane-d4

Concen: 30.267 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082021.D

Acq: 07 May 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

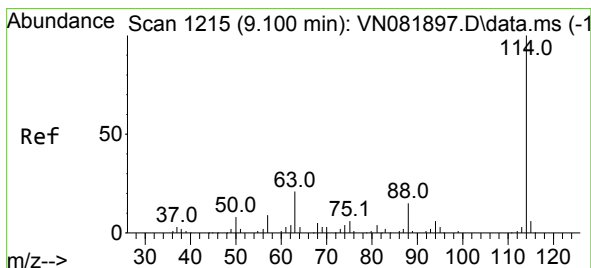
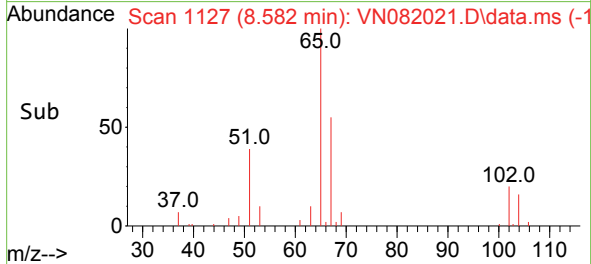
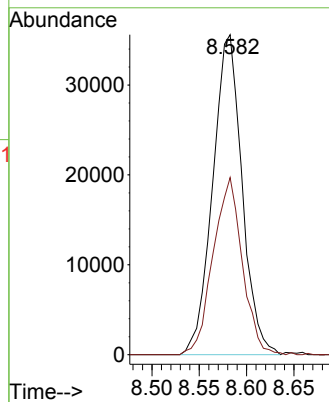
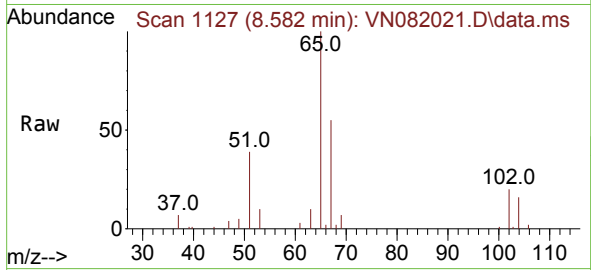
IBLK

Tgt Ion: 65 Resp: 76688

Ion Ratio Lower Upper

65 100

67 55.1 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082021.D

Acq: 07 May 2024 13:37

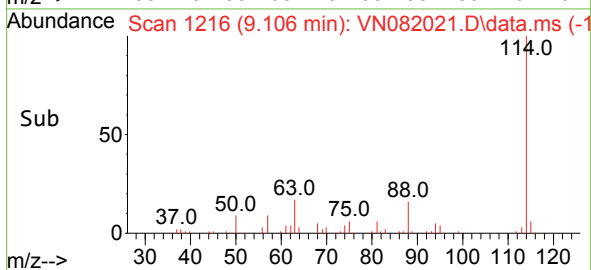
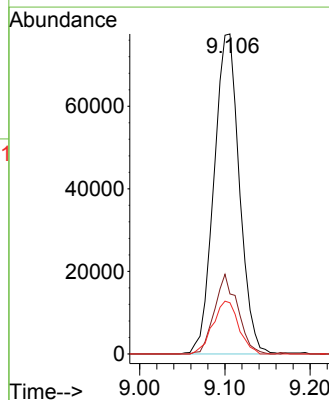
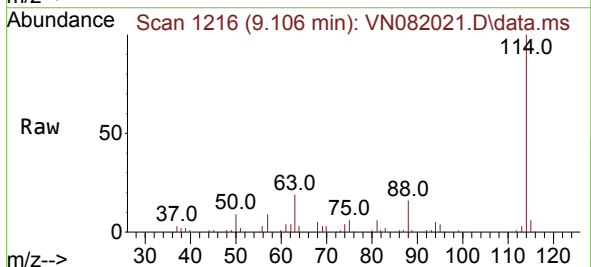
Tgt Ion: 114 Resp: 160763

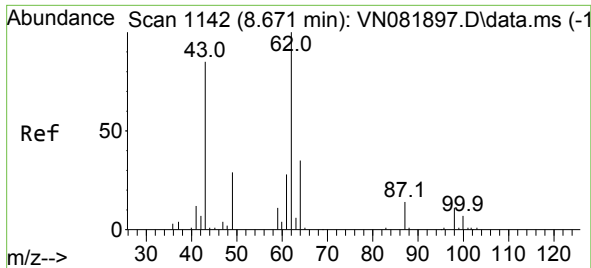
Ion Ratio Lower Upper

114 100

63 22.9 15.9 23.9

88 16.8 12.7 19.1





#36

1,2-Dichloroethane

Concen: 2.475 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.435 min

Lab File: VN082021.D

Acq: 07 May 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

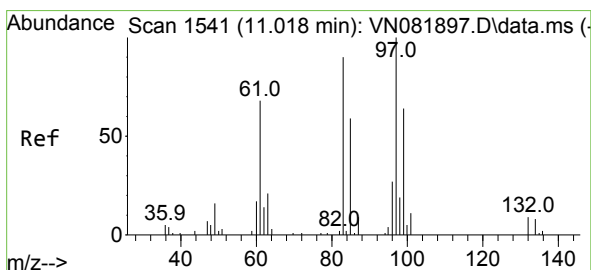
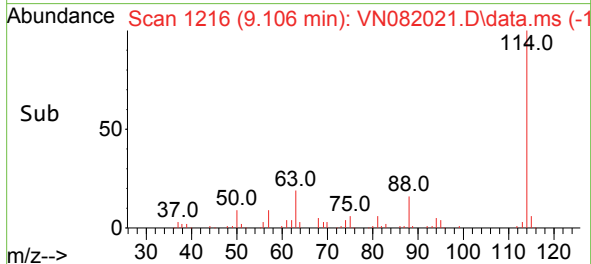
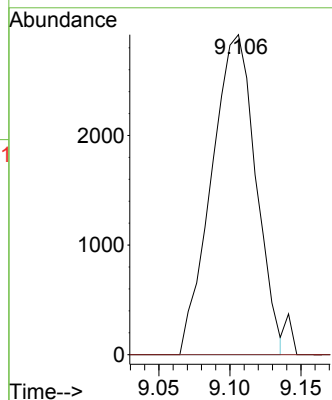
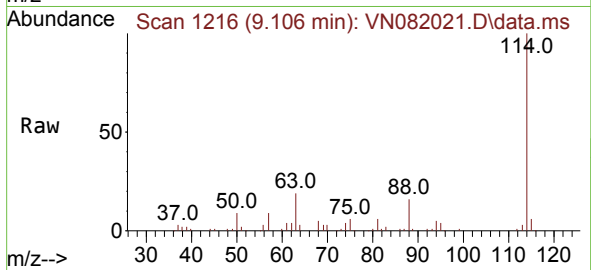
IBLK

Tgt Ion: 62 Resp: 6344

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#50

1,1,2-Trichloroethane

Concen: 3.533 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. -0.441 min

Lab File: VN082021.D

Acq: 07 May 2024 13:37

Tgt Ion: 97 Resp: 6033

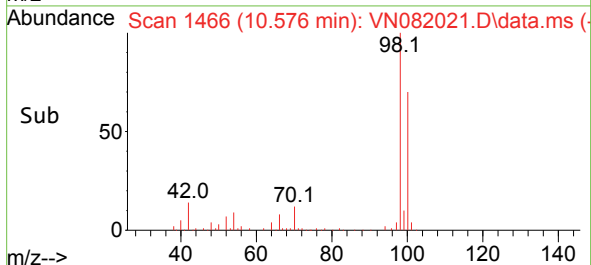
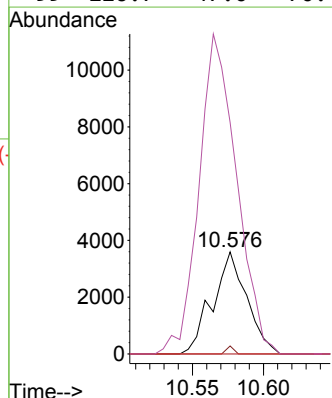
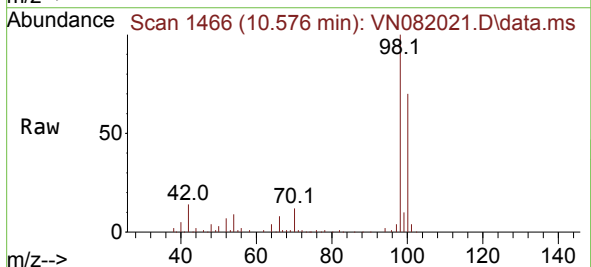
Ion Ratio Lower Upper

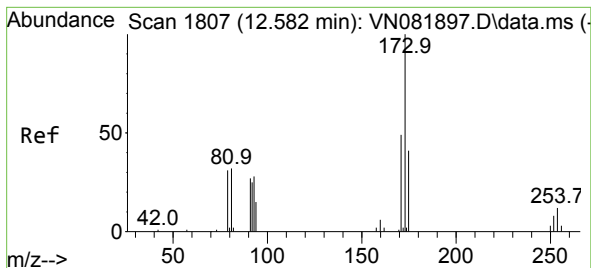
97 100

83 7.8 68.1 102.1#

85 0.0 41.8 62.6#

99 226.7 47.0 70.4#





#56

Bromoform

Concen: 0.241 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN082021.D

Acq: 07 May 2024 13:37

Instrument :

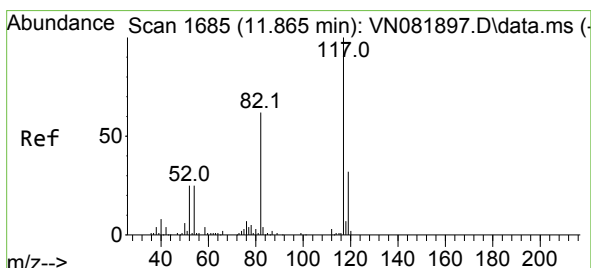
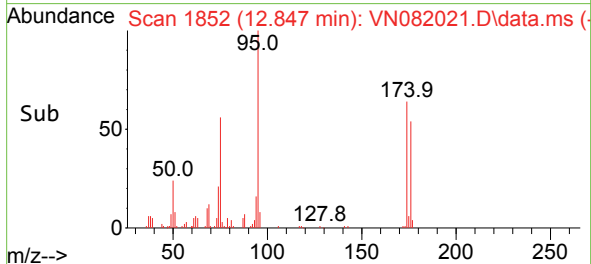
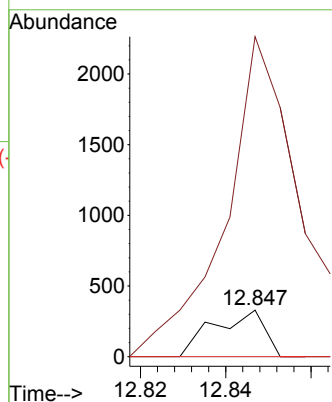
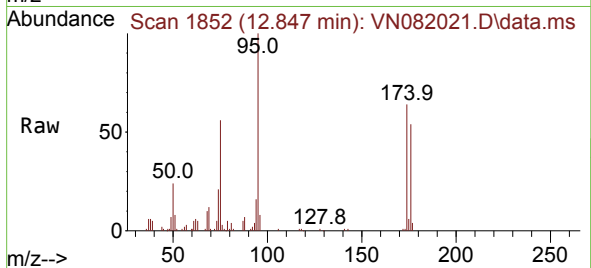
MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:173 Resp: 272

Ion	Ratio	Lower	Upper
173	100		
175	1029.4	40.0	60.0#
254	0.0	8.3	12.5#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

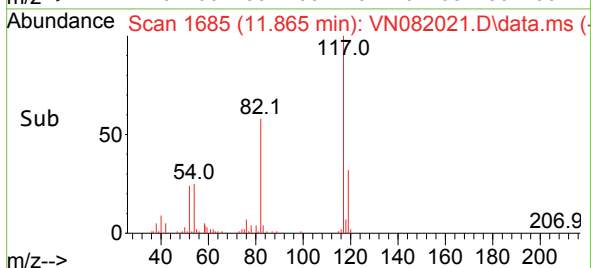
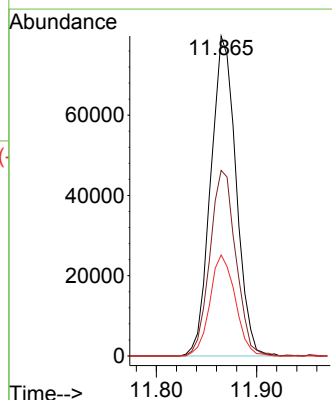
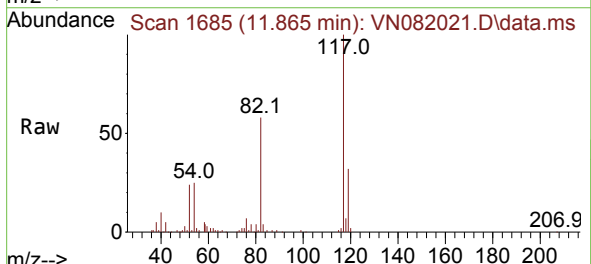
Delta R.T. -0.000 min

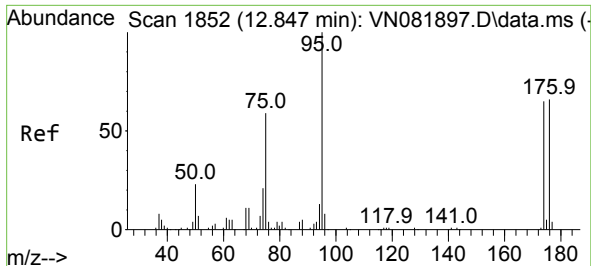
Lab File: VN082021.D

Acq: 07 May 2024 13:37

Tgt Ion:117 Resp: 139781

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.6	69.8
119	31.6	25.4	38.2

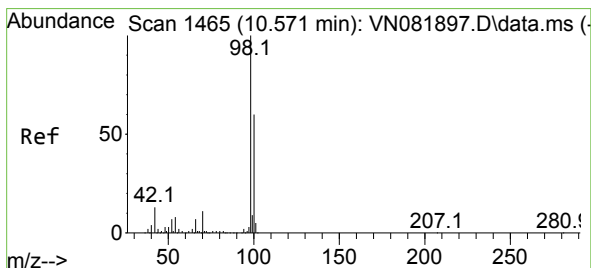
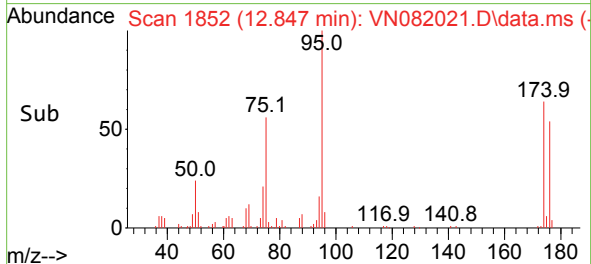
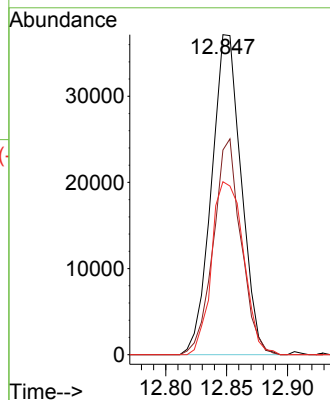
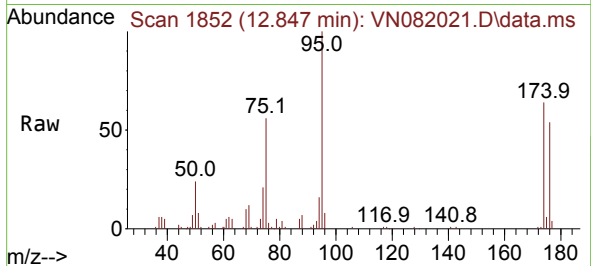




#60
4-Bromofluorobenzene
Concen: 27.102 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082021.D
Acq: 07 May 2024 13:37

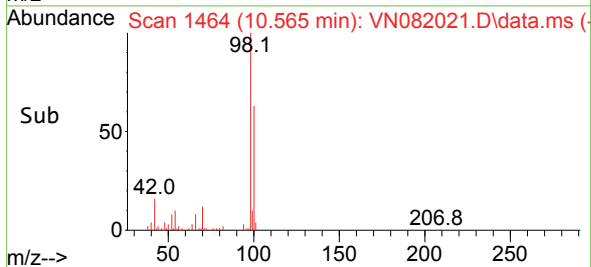
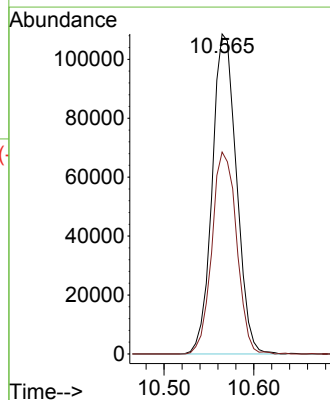
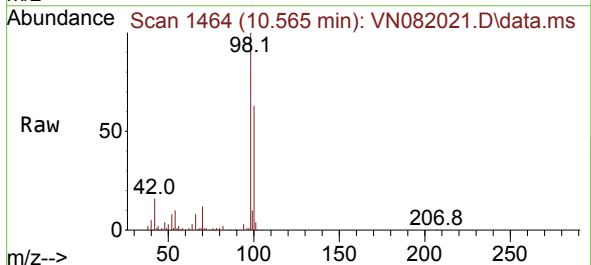
Instrument :
MSVOA_N
ClientSampleId :
IBLK

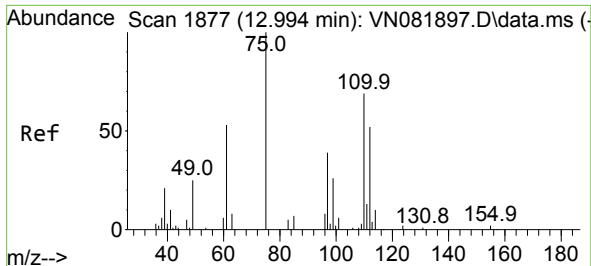
Tgt Ion: 95 Resp: 63047
Ion Ratio Lower Upper
95 100
174 62.9 60.5 90.7
176 58.1 57.8 86.6



#63
Toluene-d8
Concen: 30.724 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082021.D
Acq: 07 May 2024 13:37

Tgt Ion: 98 Resp: 203952
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

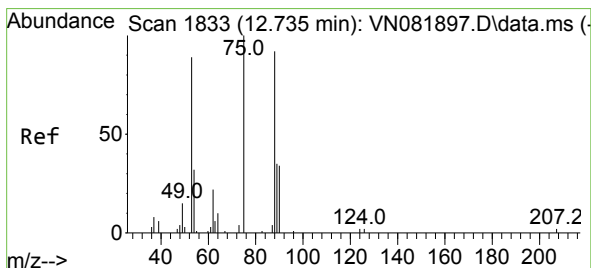
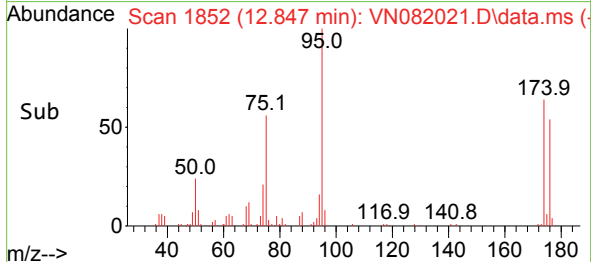
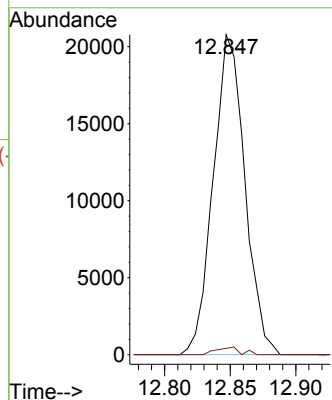
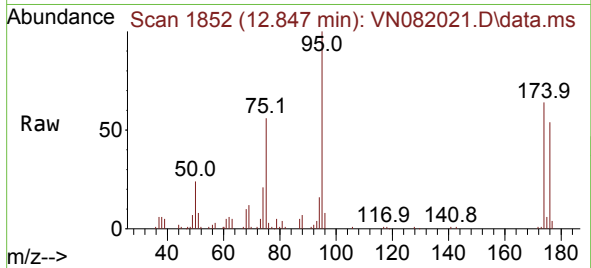




#72
1,2,3-Trichloropropane
Concen: 16.119 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082021.D
Acq: 07 May 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 34830
Ion Ratio Lower Upper
75 100
77 1.5 0.0 367.6



#77
t-1,4-Dichloro-2-butene
Concen: 36.215 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082021.D
Acq: 07 May 2024 13:37

Tgt Ion: 75 Resp: 34830
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#

