

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082343.D
 Acq On : 28 May 2024 13:41
 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 29 06:49:27 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)

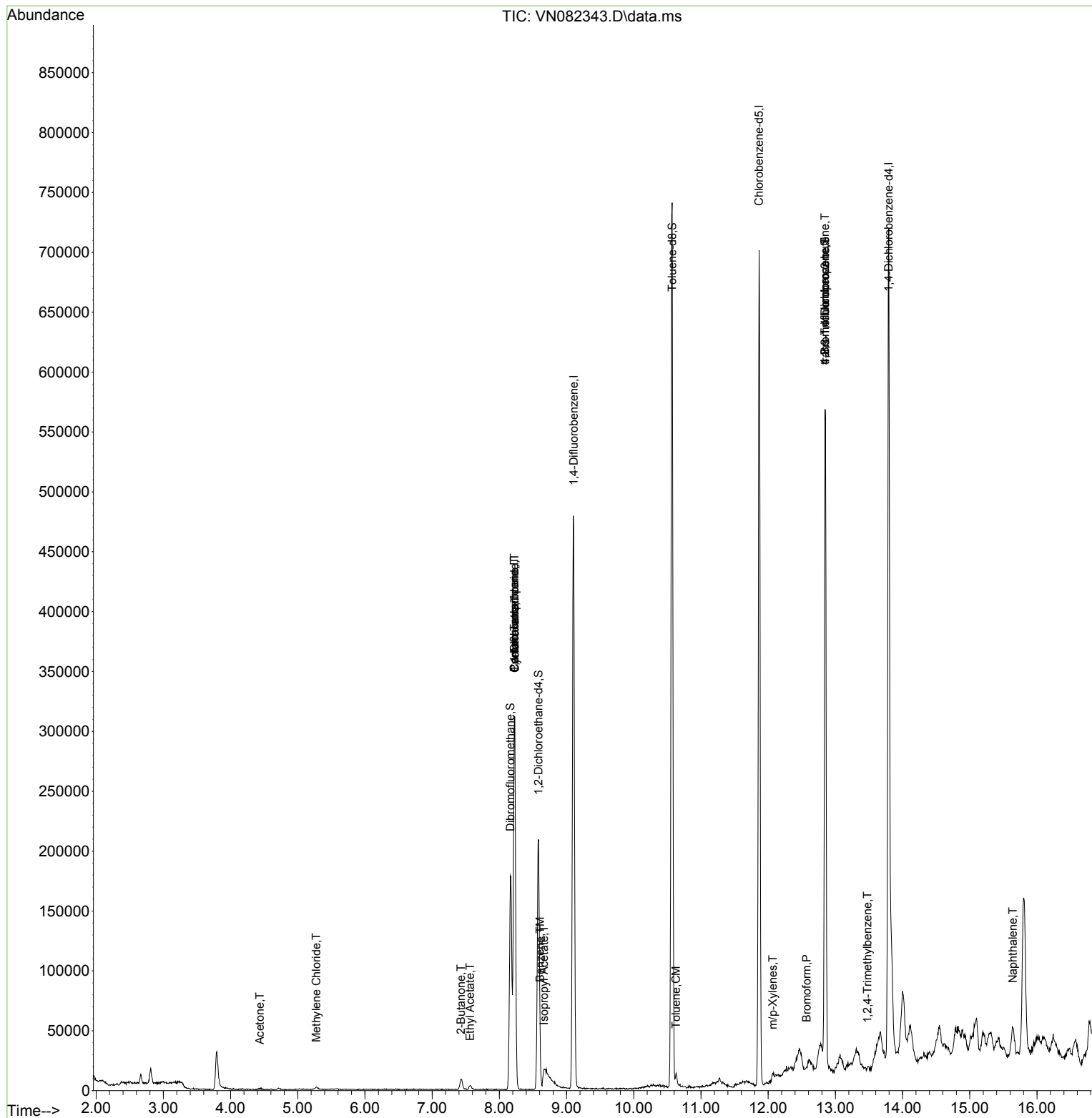
Internal Standards						
1) Pentafluorobenzene	8.224	168	225997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	392884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	365887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173146	48.520	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.040%	
35) Dibromofluoromethane	8.165	113	125205	51.805	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.620%	
50) Toluene-d8	10.571	98	488956	52.769	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.540%	
62) 4-Bromofluorobenzene	12.847	95	180240	54.498	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	109.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	1843	1.259	ug/l #	43
20) Methylene Chloride	5.277	84	763	0.258	ug/l #	91
25) 2-Butanone	7.430	43	575	0.259	ug/l #	43
31) Cyclohexane	8.230	56	6616	1.161	ug/l #	58
36) 1,1-Dichloropropene	8.224	75	19561	4.826	ug/l #	50
37) Ethyl Acetate	7.565	43	6025	1.328	ug/l #	88
38) Carbon Tetrachloride	8.224	117	24204	5.890	ug/l #	16
40) Benzene	8.606	78	2909	0.241	ug/l	100
43) Isopropyl Acetate	8.665	43	12954	1.612	ug/l #	52
52) Toluene	10.630	92	3783	0.522	ug/l #	73
68) m/p-Xylenes	12.071	106	1124	0.212	ug/l #	7
71) Bromoform	12.571	173	196	0.792	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	106198	29.689	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	106198	69.441	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.476	105	2286	0.205	ug/l	82
95) Naphthalene	15.641	128	7787	0.803	ug/l #	61

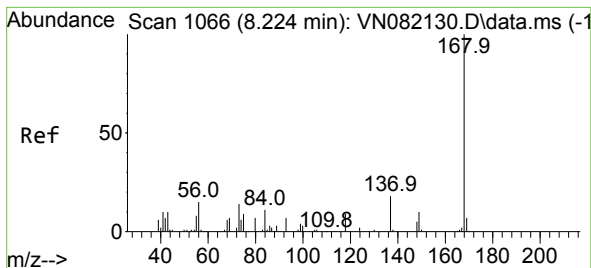
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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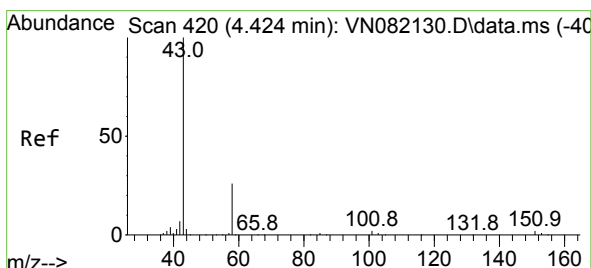
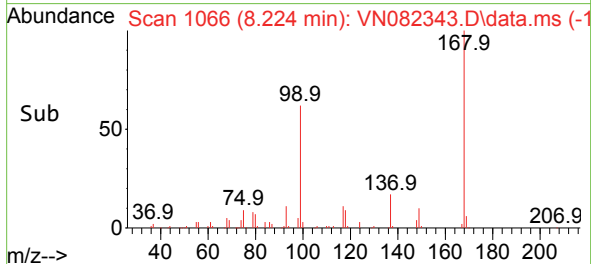
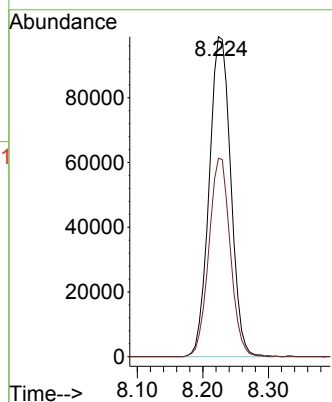
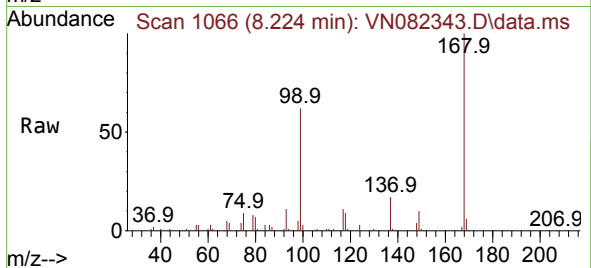




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

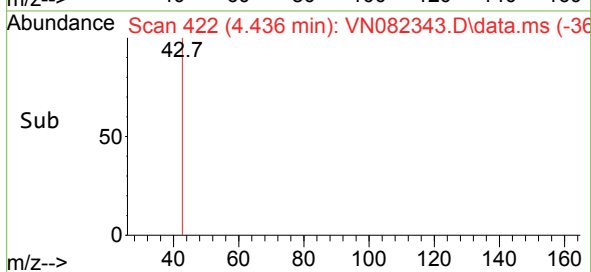
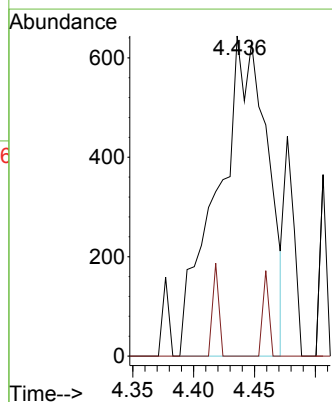
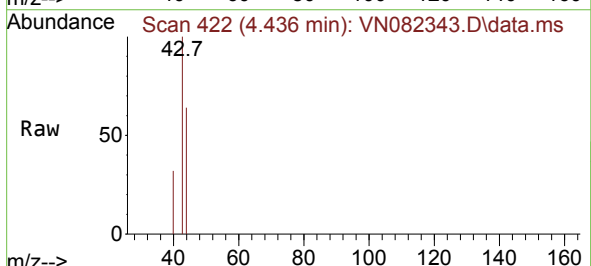
Instrument :
MSVOA_N
ClientSampleId :
IBLK

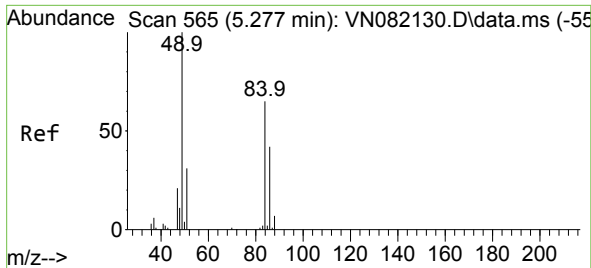
Tgt Ion:168 Resp: 225997
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#16
Acetone
Concen: 1.259 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

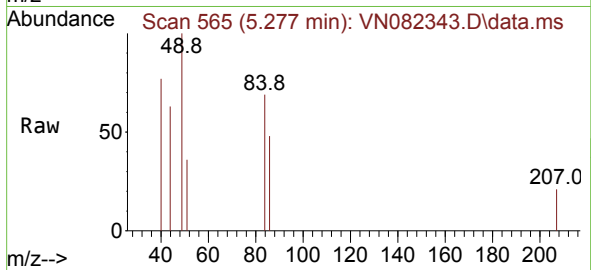
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



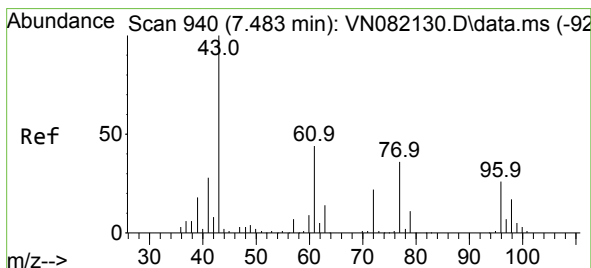
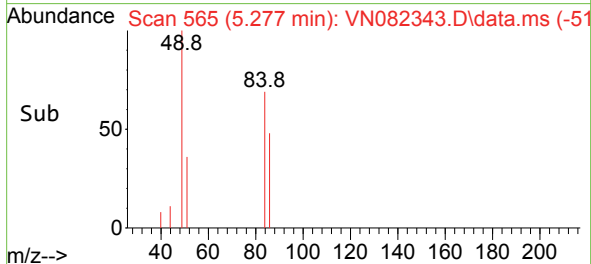
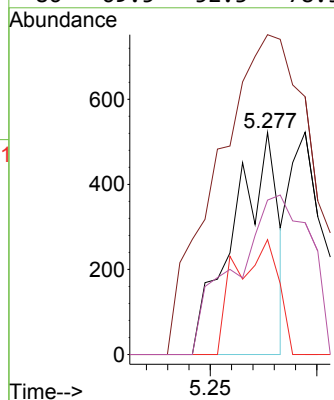


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

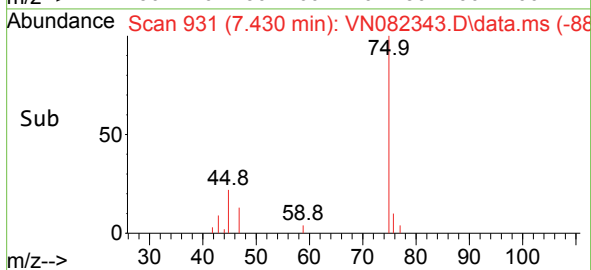
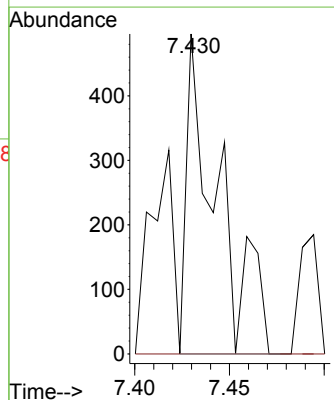
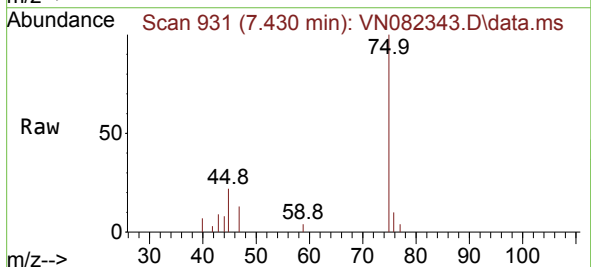


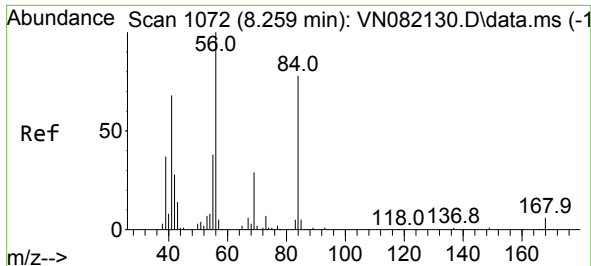
Tgt Ion:	84	Resp:	763
Ion	Ratio	Lower	Upper
84	100		
49	102.7	84.9	127.3
51	51.7	27.0	40.6#
86	69.5	52.3	78.5



#25
2-Butanone
Concen: 0.259 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.053 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

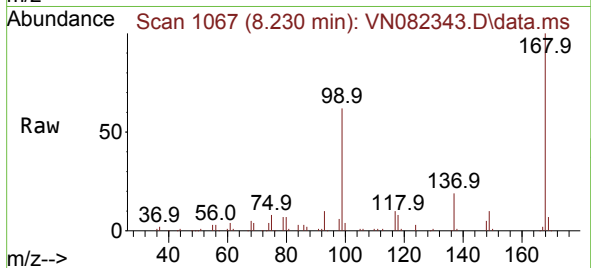
Tgt Ion:	43	Resp:	575
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#



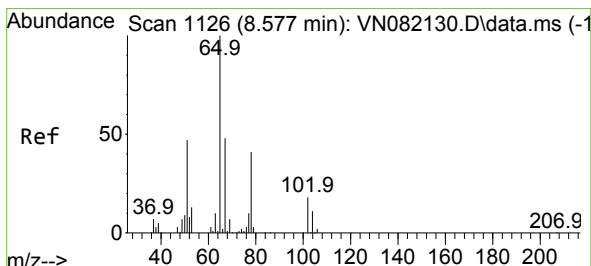
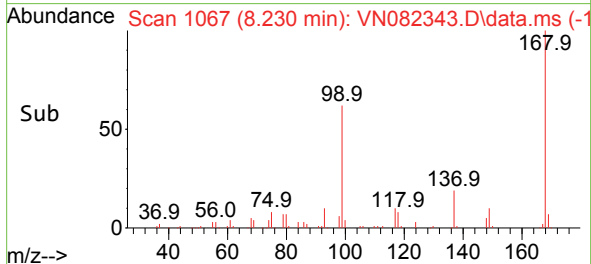
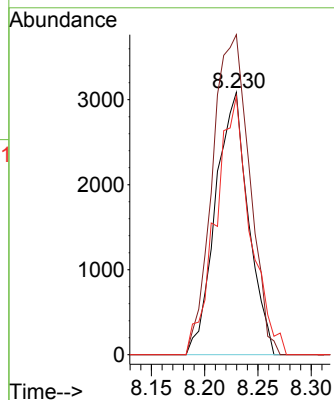


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

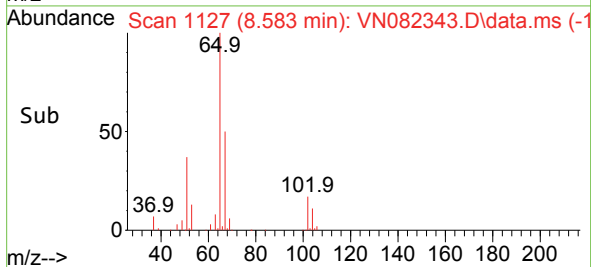
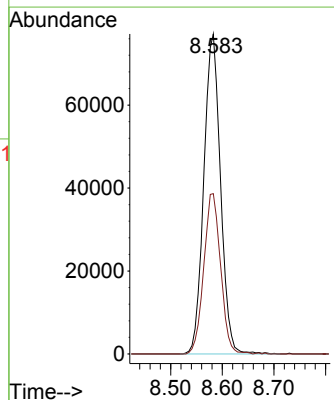
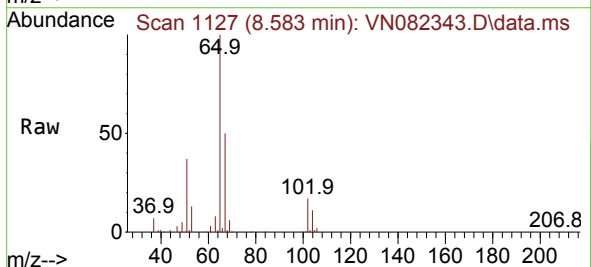


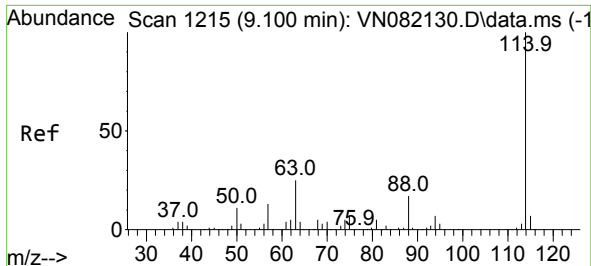
Tgt Ion: 56 Resp: 6616
Ion Ratio Lower Upper
56 100
69 122.0 24.4 36.6#
84 98.5 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 48.520 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Tgt Ion: 65 Resp: 173146
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

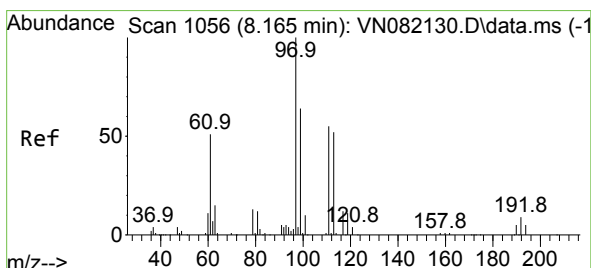
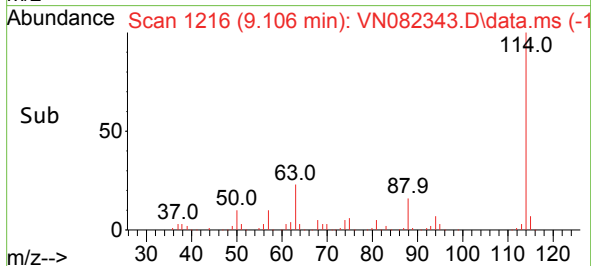
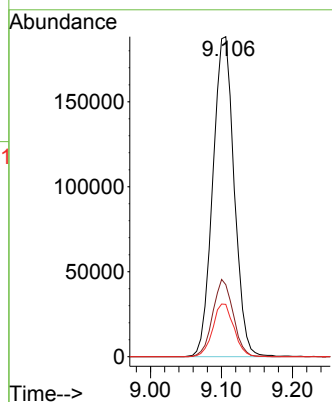
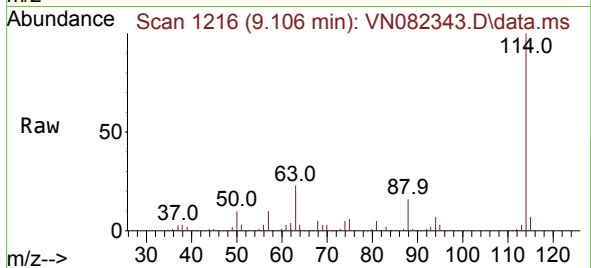
Tgt Ion:114 Resp: 392884

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.805 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

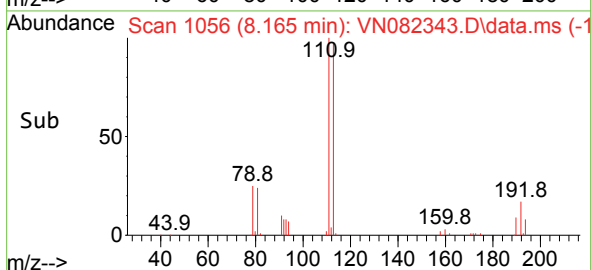
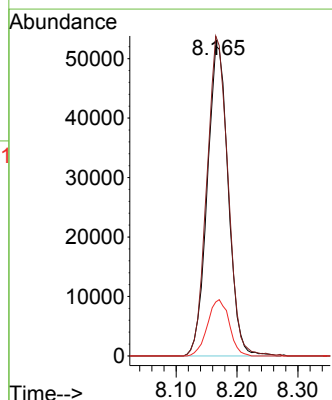
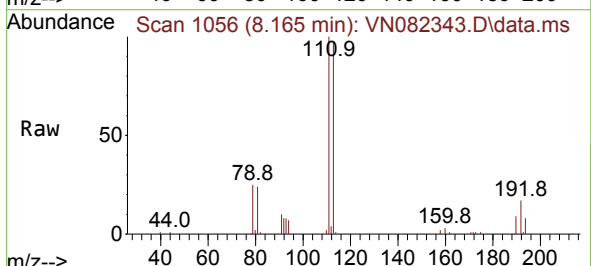
Tgt Ion:113 Resp: 125205

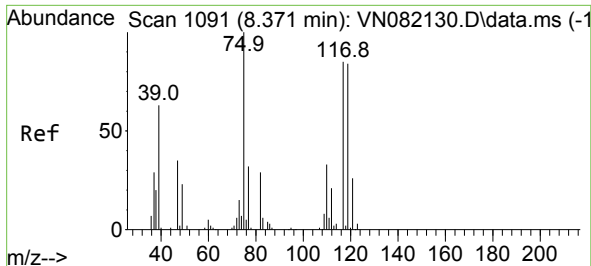
Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 18.7 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

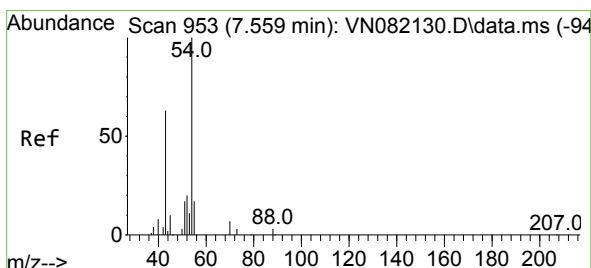
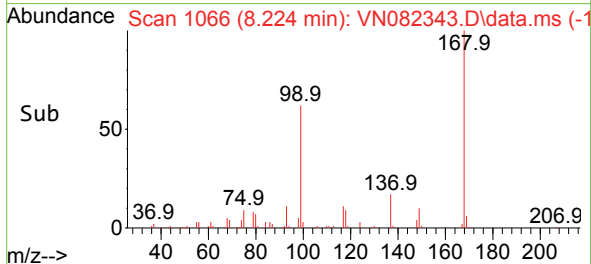
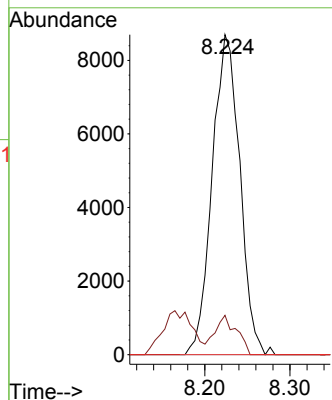
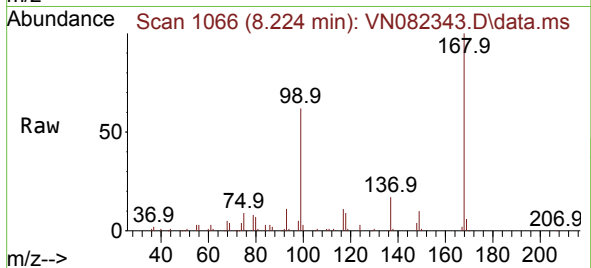
Tgt Ion: 75 Resp: 19561

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.328 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

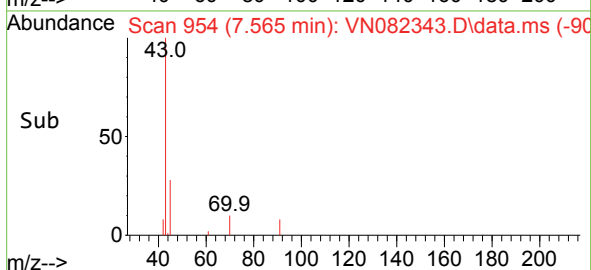
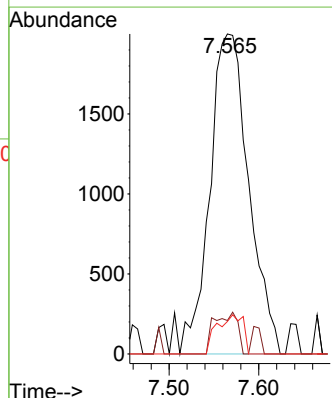
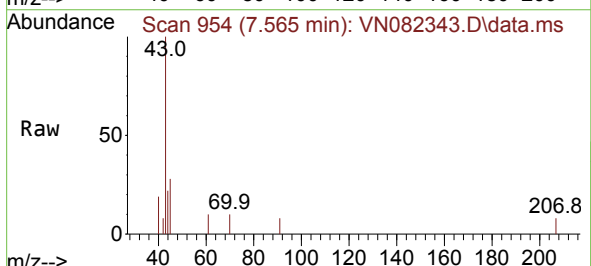
Tgt Ion: 43 Resp: 6025

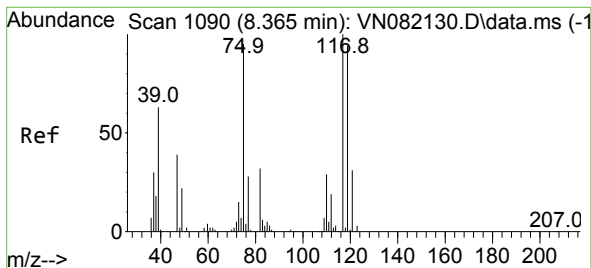
Ion Ratio Lower Upper

43 100

61 7.8 11.3 16.9#

70 8.2 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.890 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082343.D

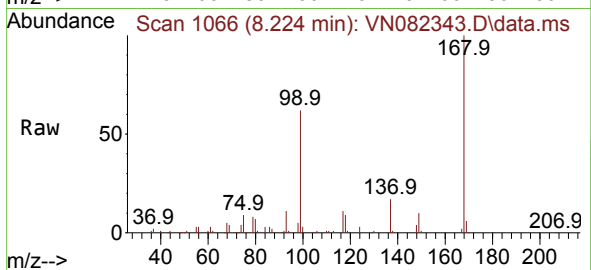
Acq: 28 May 2024 13:41

Instrument :

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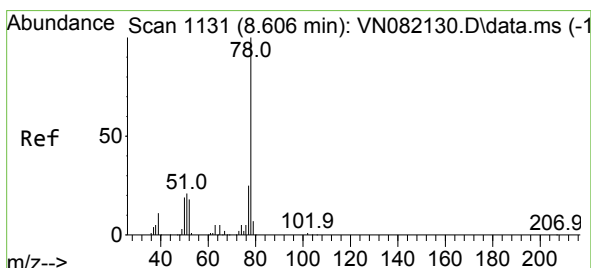
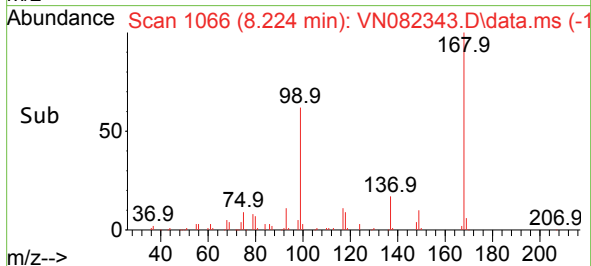
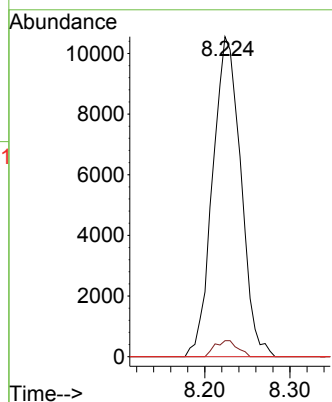
Tgt Ion:117 Resp: 24204

Ion Ratio Lower Upper

117 100

119 5.0 76.5 114.7#

121 0.0 23.9 35.9#



#40

Benzene

Concen: 0.241 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082343.D

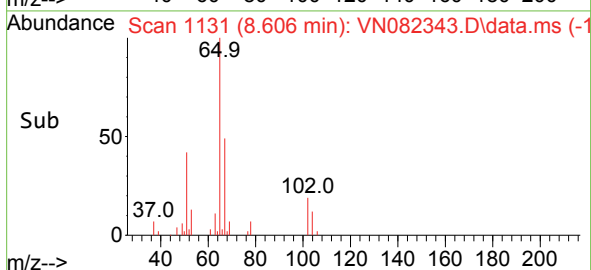
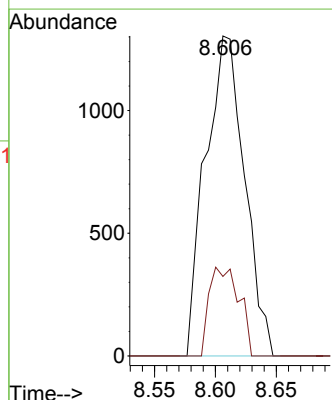
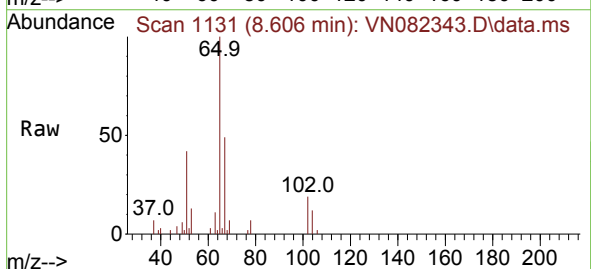
Acq: 28 May 2024 13:41

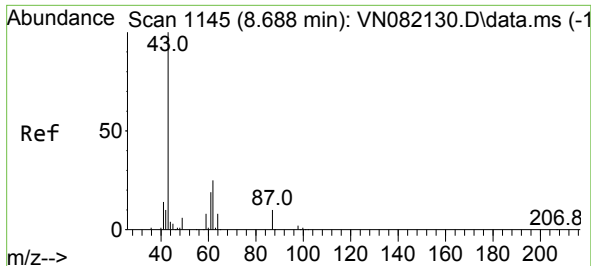
Tgt Ion: 78 Resp: 2909

Ion Ratio Lower Upper

78 100

77 24.8 20.0 30.0

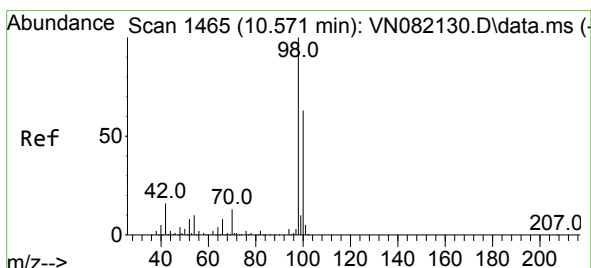
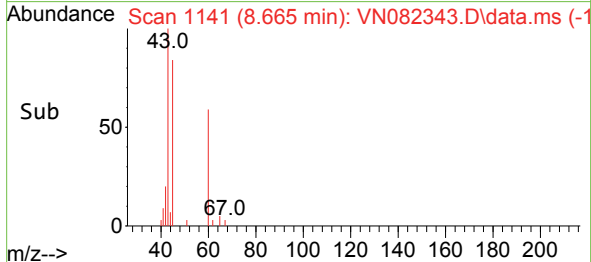
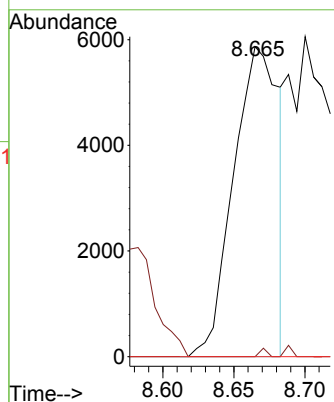
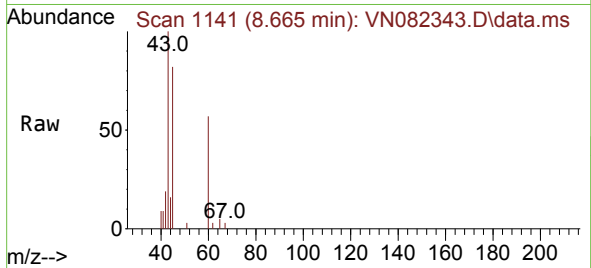




#43
Isopropyl Acetate
Concen: 1.612 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

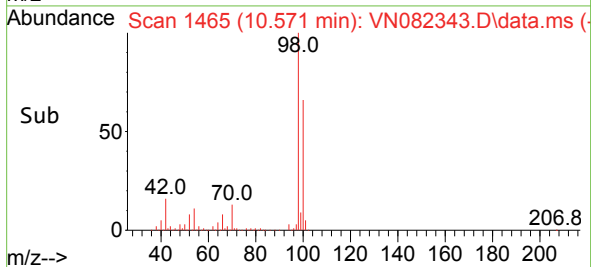
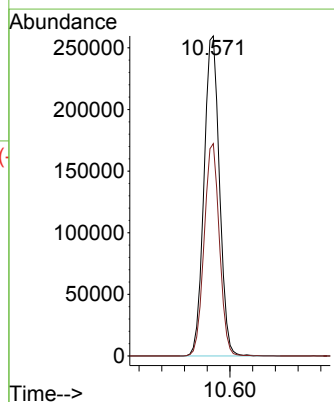
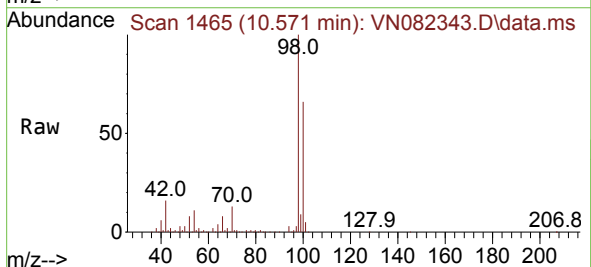
Instrument :
MSVOA_N
ClientSampleId :
IBLK

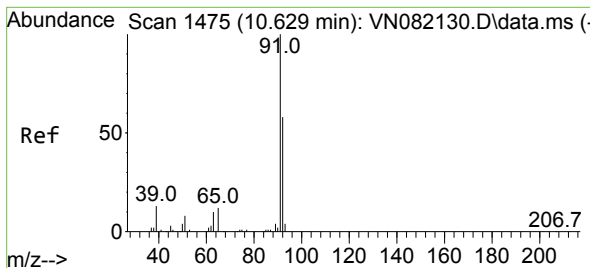
Tgt Ion: 43 Resp: 12954
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.769 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Tgt Ion: 98 Resp: 488956
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6





#52

Toluene

Concen: 0.522 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

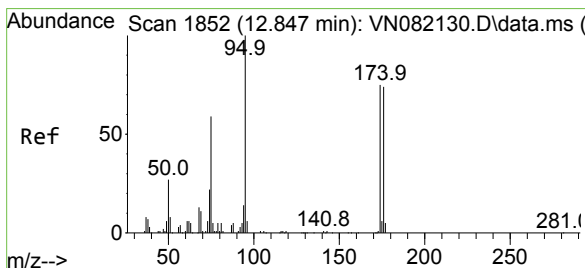
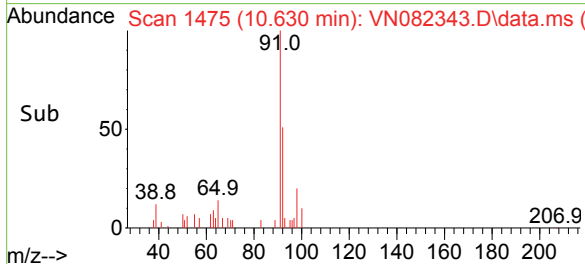
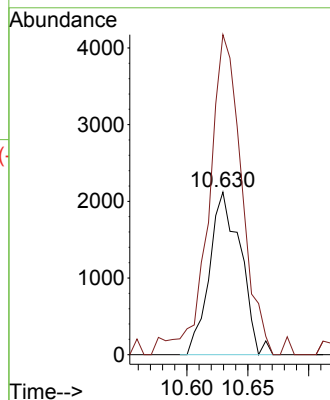
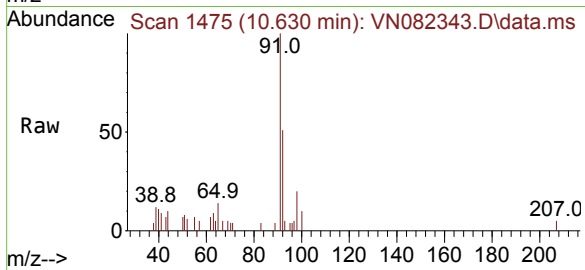
IBLK

Tgt Ion: 92 Resp: 3783

Ion Ratio Lower Upper

92 100

91 208.1 136.7 205.1#



#62

4-Bromofluorobenzene

Concen: 54.498 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

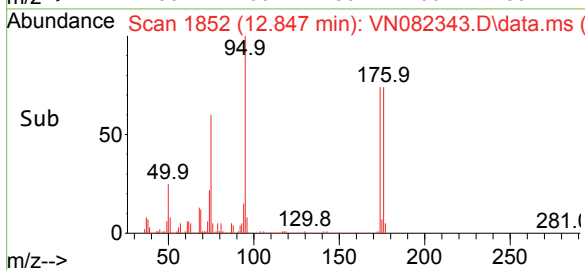
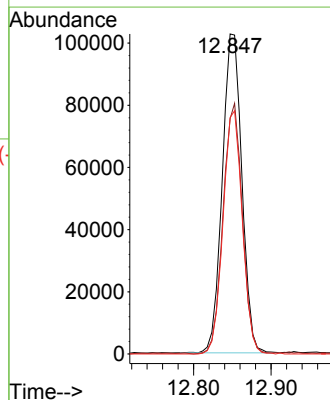
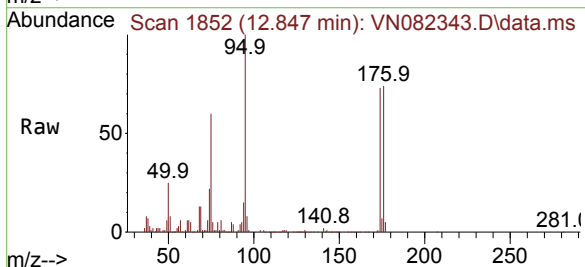
Tgt Ion: 95 Resp: 180240

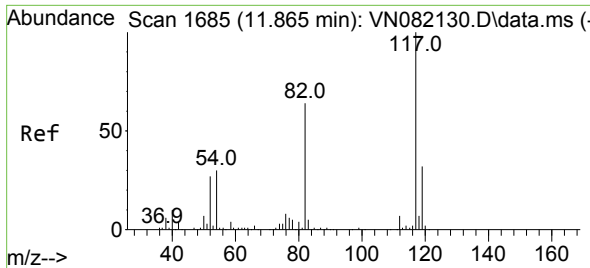
Ion Ratio Lower Upper

95 100

174 77.5 0.0 160.6

176 75.1 0.0 152.8

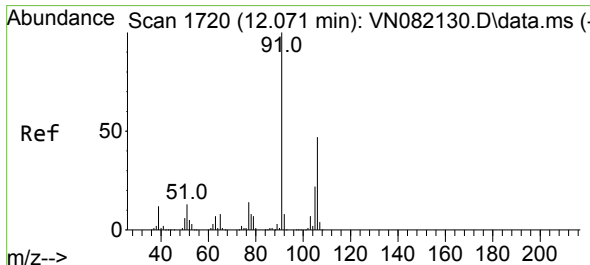
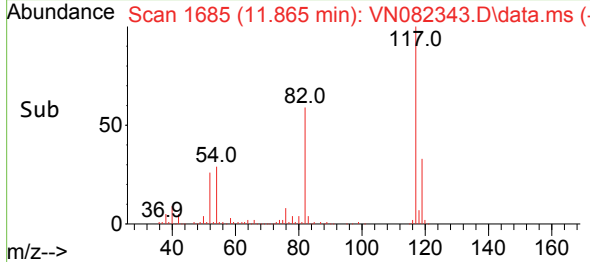
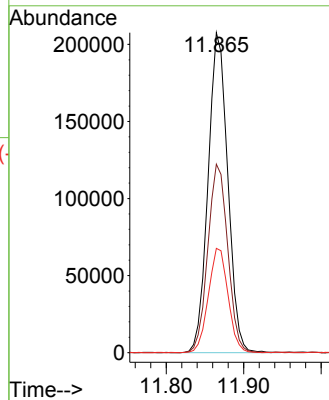
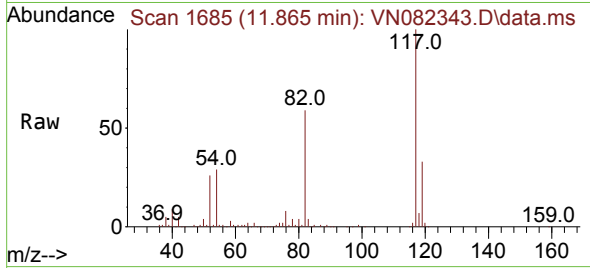




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

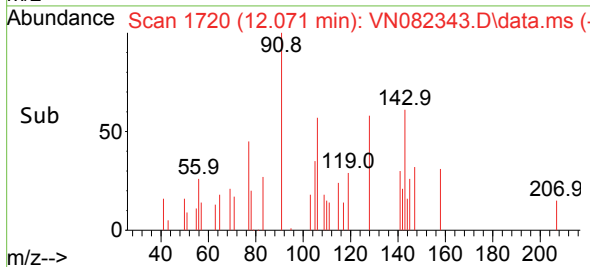
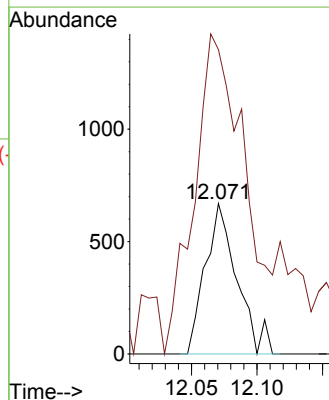
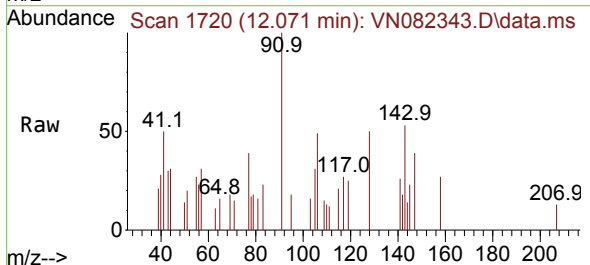
Instrument :
MSVOA_N
ClientSampleId :
IBLK

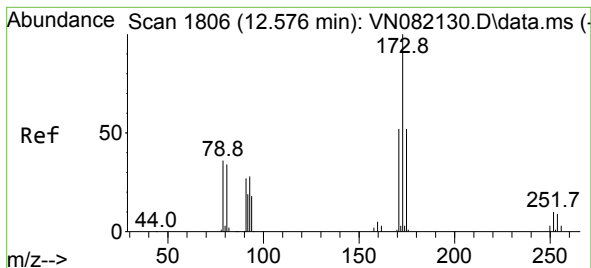
Tgt Ion:117 Resp: 365887
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 32.6 25.9 38.9



#68
m/p-Xylenes
Concen: 0.212 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Tgt Ion:106 Resp: 1124
Ion Ratio Lower Upper
106 100
91 339.3 159.4 239.0#





#71

Bromoform

Concen: 0.792 ug/l

RT: 12.571 min Scan# 1805

Delta R.T. -0.005 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

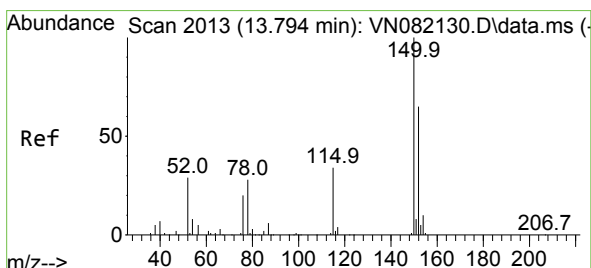
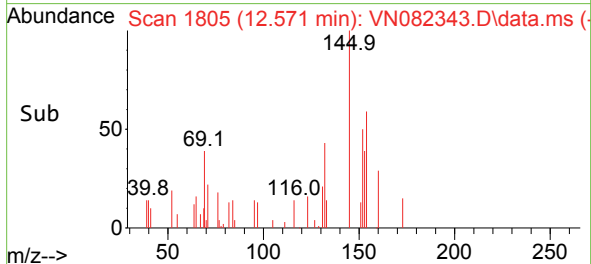
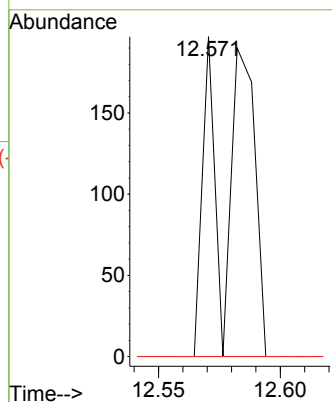
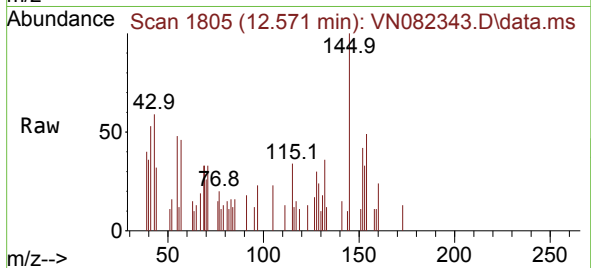
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:173	Resp:	196
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

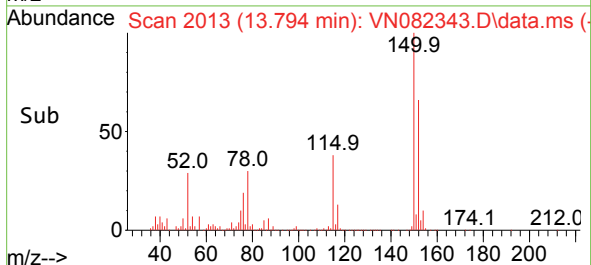
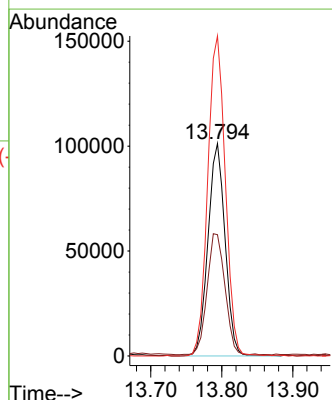
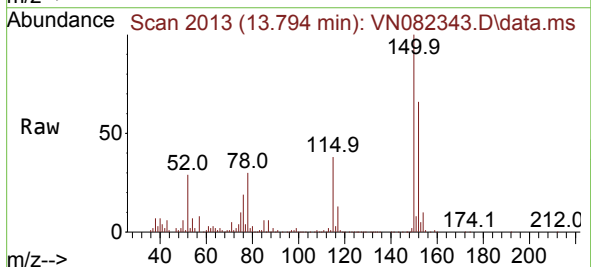
RT: 13.794 min Scan# 2013

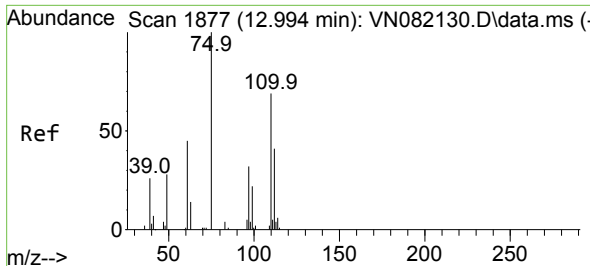
Delta R.T. 0.000 min

Lab File: VN082343.D

Acq: 28 May 2024 13:41

Tgt Ion:152	Resp:	169949
Ion Ratio	Lower	Upper
152	100	
115	59.1	30.4
150	154.1	0.0

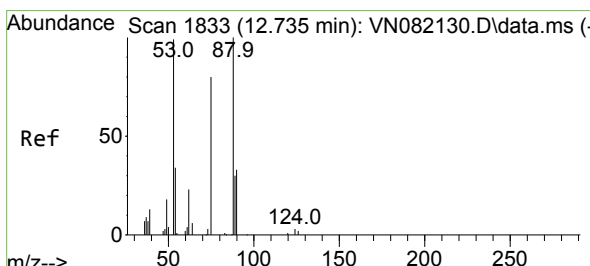
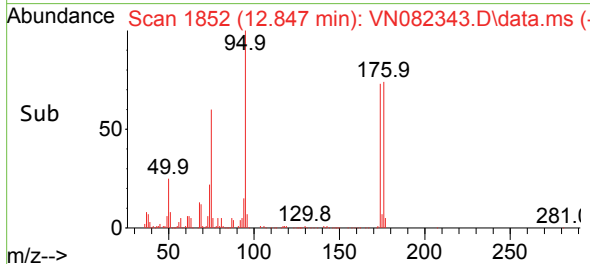
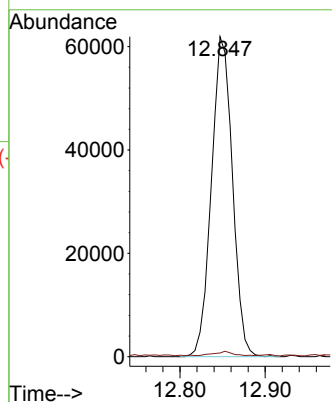
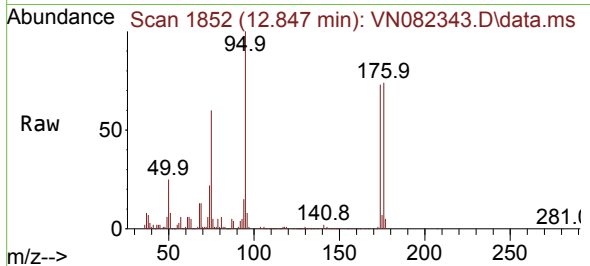




#76
1,2,3-Trichloropropane
Concen: 29.689 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

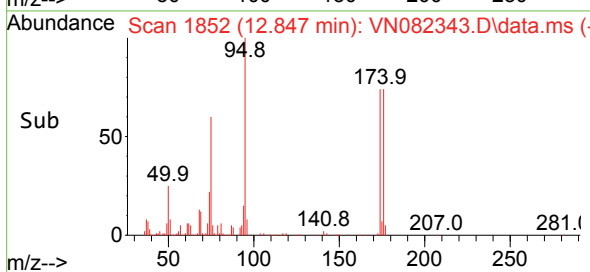
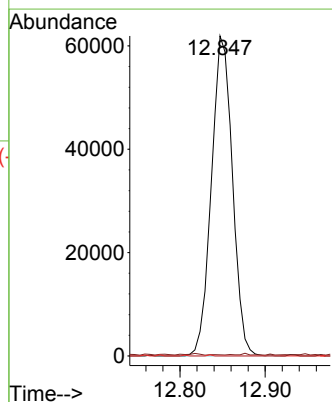
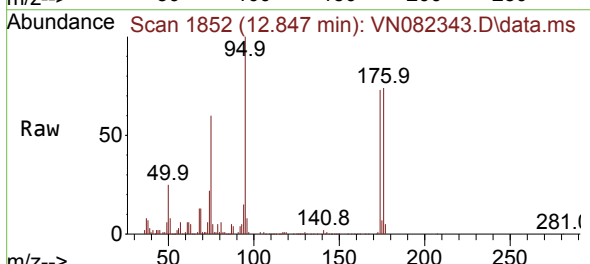
Instrument :
MSVOA_N
ClientSampleId :
IBLK

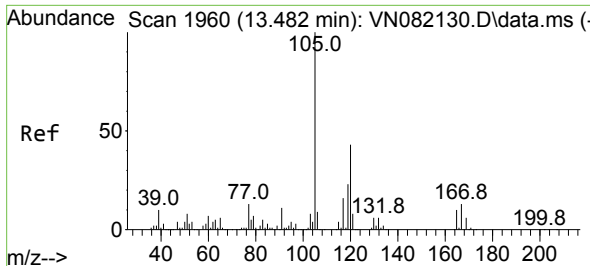
Tgt Ion: 75 Resp: 106198
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.441 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Tgt Ion: 75 Resp: 106198
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

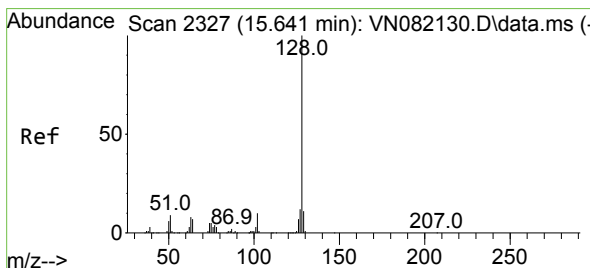
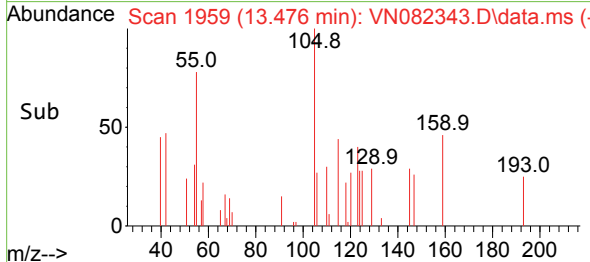
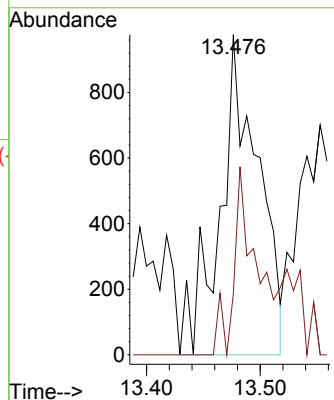
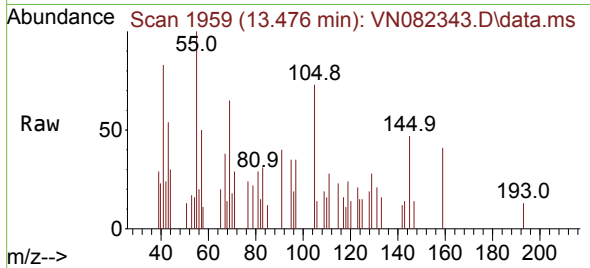




#84
1,2,4-Trimethylbenzene
Concen: 0.205 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 2286
Ion Ratio Lower Upper
105 100
120 34.1 22.9 68.7



#95
Naphthalene
Concen: 0.803 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082343.D
Acq: 28 May 2024 13:41

Tgt Ion:128 Resp: 7787
Ion Ratio Lower Upper
128 100
127 26.3 10.1 15.1#
129 27.6 8.9 13.3#

