

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082496.D
 Acq On : 07 Jun 2024 16:38
 Operator : JC\MD
 Sample : P2771-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 01:00:13 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)

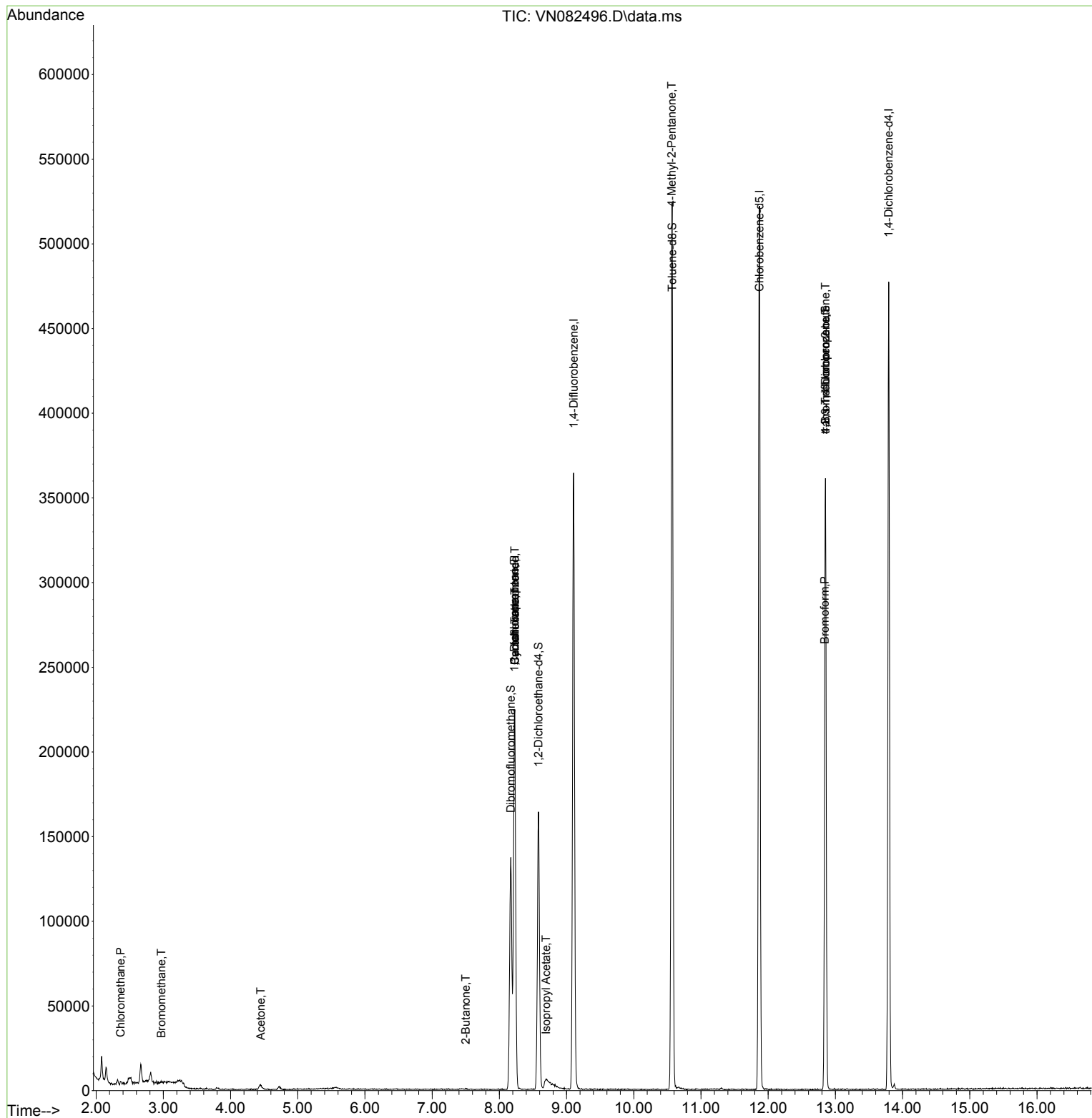
Internal Standards						
1) Pentafluorobenzene	8.230	168	154410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	279727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132197	54.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.440%	
35) Dibromofluoromethane	8.171	113	96117	53.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.520%	
50) Toluene-d8	10.571	98	348558	50.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.853	95	116283	47.531	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	797	0.316	ug/l #	60
5) Bromomethane	2.971	94	333	0.244	ug/l #	3
16) Acetone	4.447	43	5701	5.700	ug/l #	79
25) 2-Butanone	7.500	43	571	0.377	ug/l #	43
31) Cyclohexane	8.230	56	4247	1.091	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	14907	4.972	ug/l #	47
38) Carbon Tetrachloride	8.230	117	16679	5.487	ug/l #	16
43) Isopropyl Acetate	8.694	43	7451	1.253	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2239	0.663	ug/l #	1
71) Bromoform	12.841	173	248	0.852	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	66296	26.699	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66296	62.448	ug/l #	12

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

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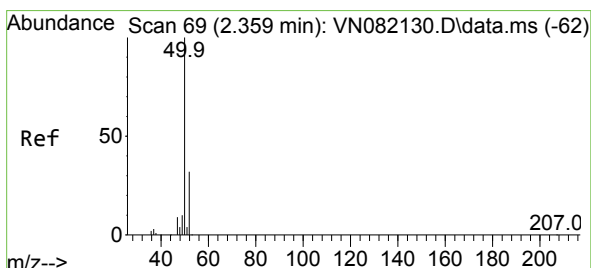
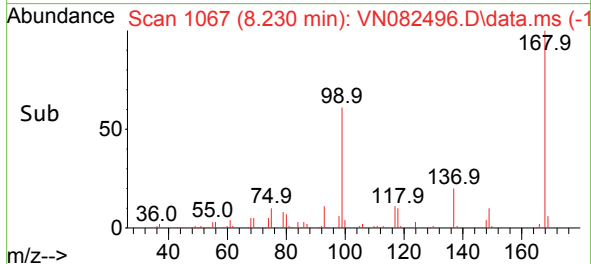
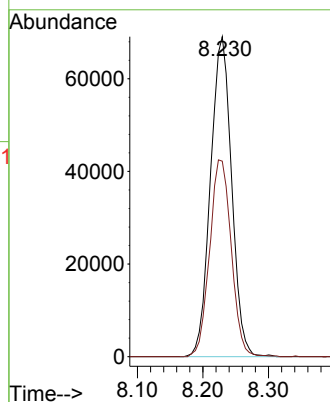
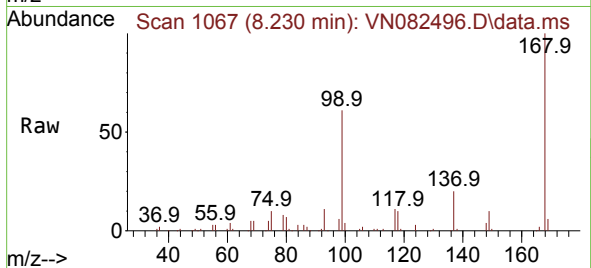




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

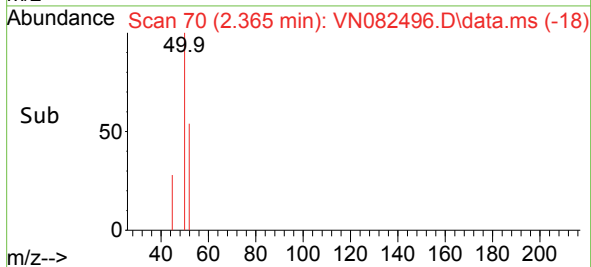
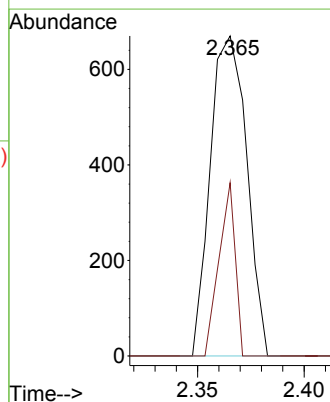
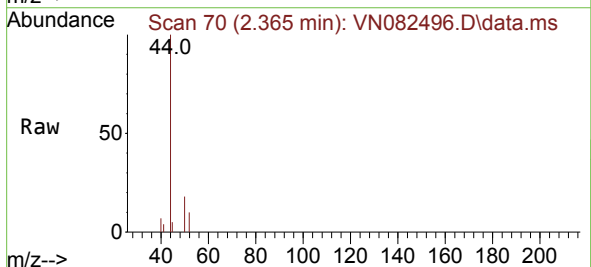
Instrument :
MSVOA_N
ClientSampleId :

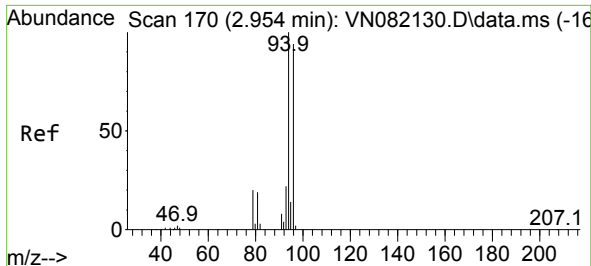
Tgt Ion:168 Resp: 154410
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#3
Chloromethane
Concen: 0.316 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

Tgt Ion: 50 Resp: 797
Ion Ratio Lower Upper
50 100
52 54.2 25.5 38.3#

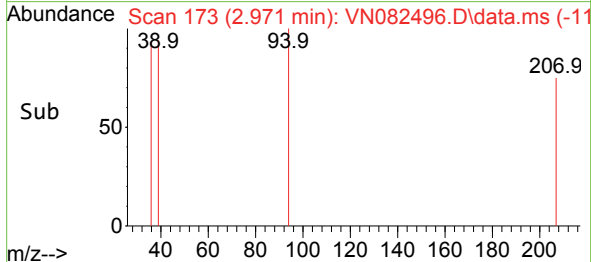
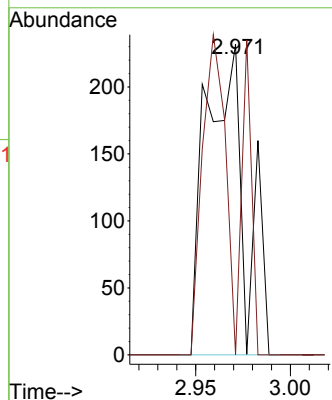
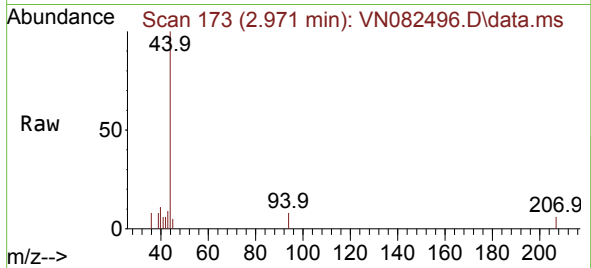




#5
Bromomethane
Concen: 0.244 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

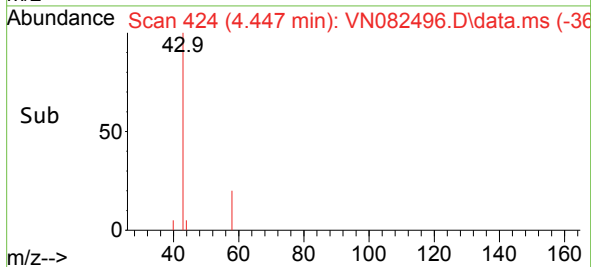
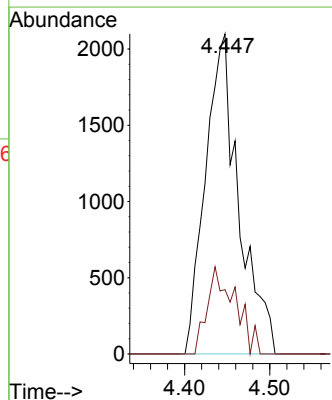
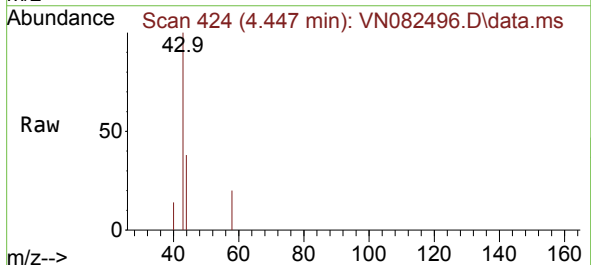
Instrument :
MSVOA_N
ClientSampleId :

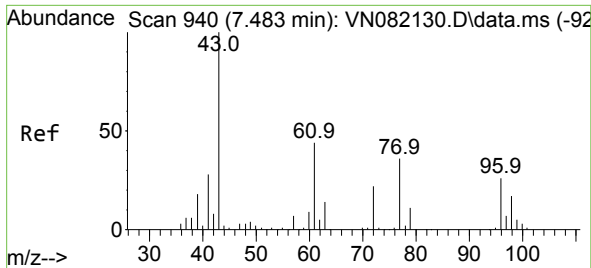
Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 5.700 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

Tgt Ion: 43 Resp: 5701
Ion Ratio Lower Upper
43 100
58 20.1 25.2 37.8#

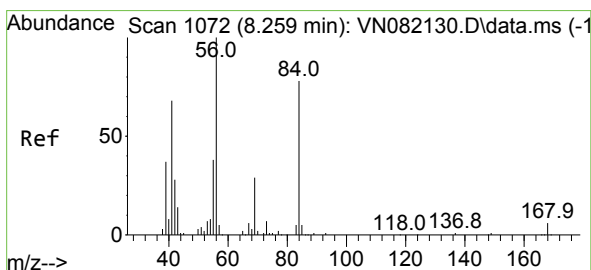
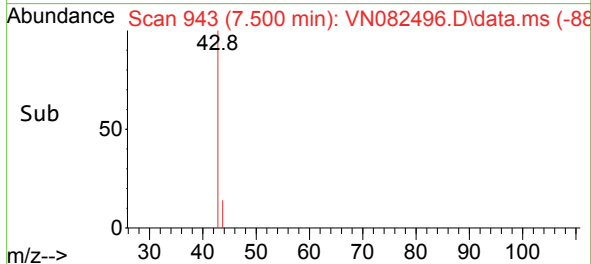
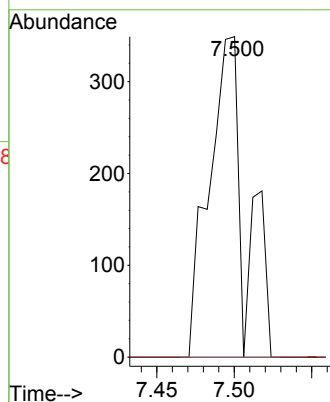
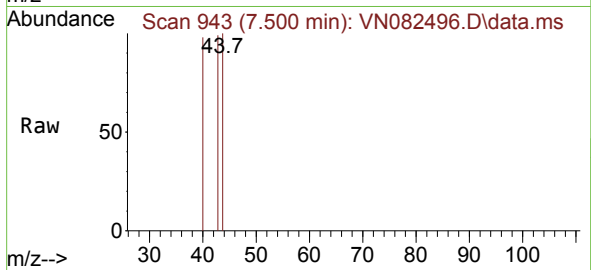




#25
2-Butanone
Concen: 0.377 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

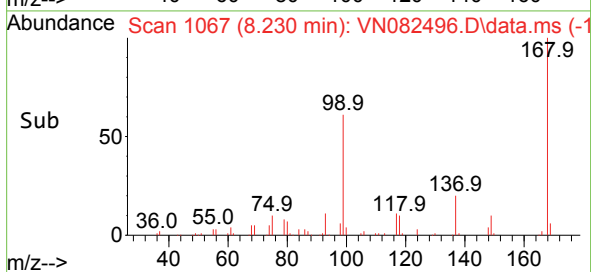
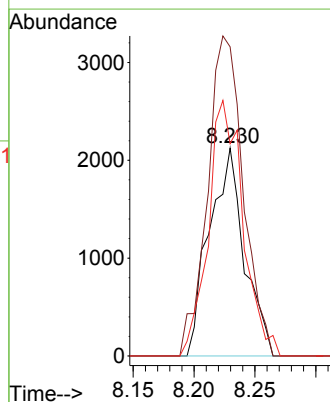
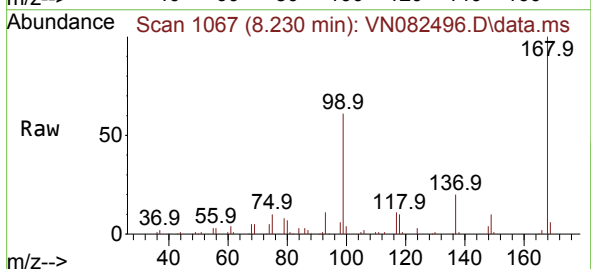
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

Tgt Ion: 56 Resp: 4247
Ion Ratio Lower Upper
56 100
69 148.8 24.4 36.6#
84 102.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.220 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082496.D

Acq: 07 Jun 2024 16:38

Instrument :

MSVOA_N

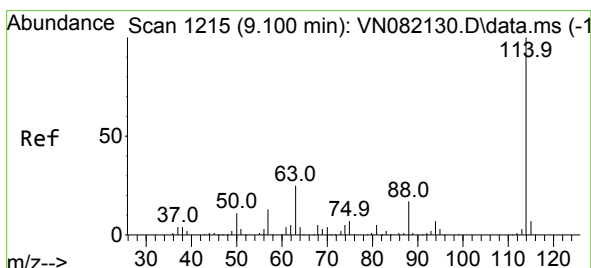
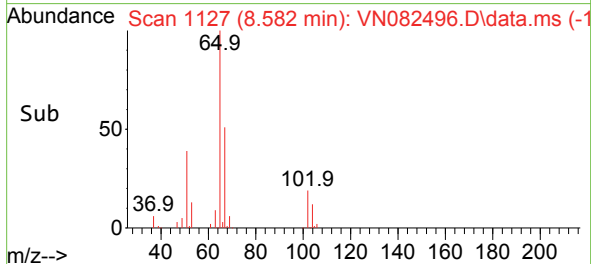
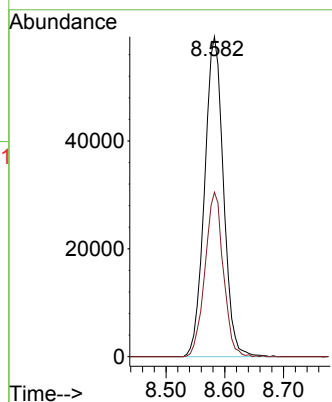
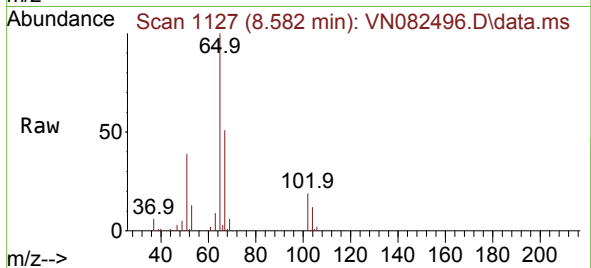
ClientSampleId :

Tgt Ion: 65 Resp: 132197

Ion Ratio Lower Upper

65 100

67 49.9 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: VN082496.D

Acq: 07 Jun 2024 16:38

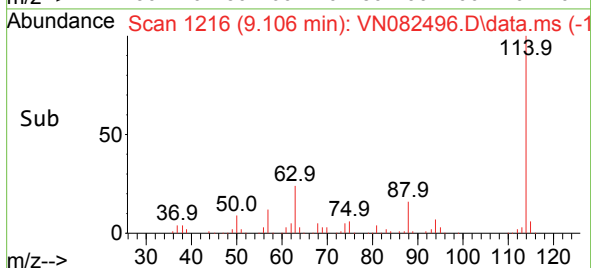
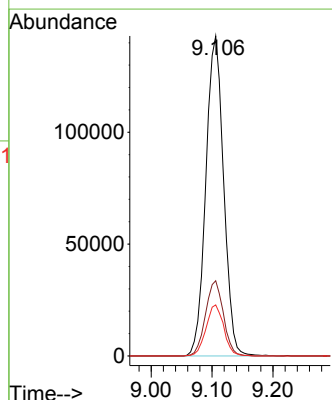
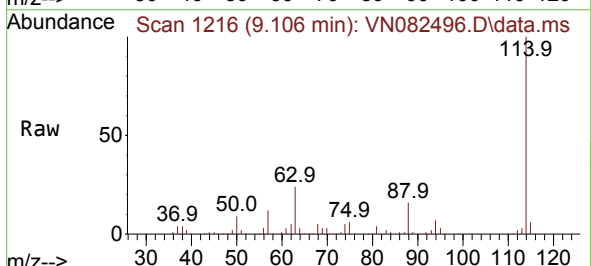
Tgt Ion: 114 Resp: 290629

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 15.9 0.0 31.4

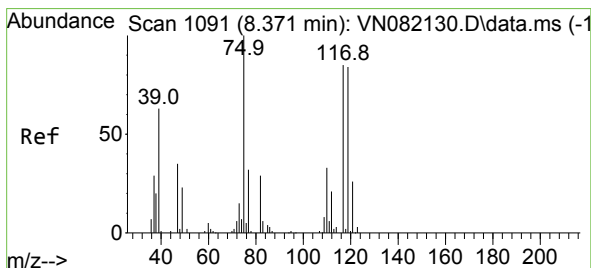
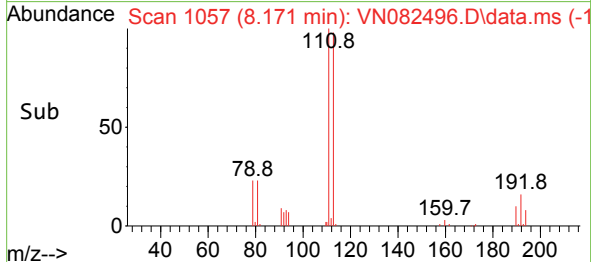
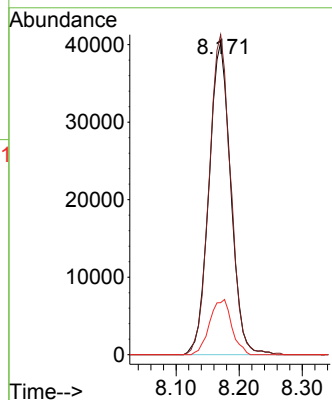
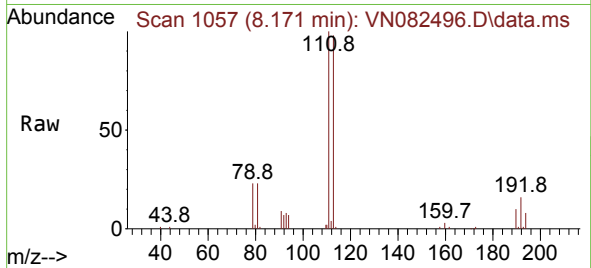




#35
Dibromofluoromethane
Concen: 53.762 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

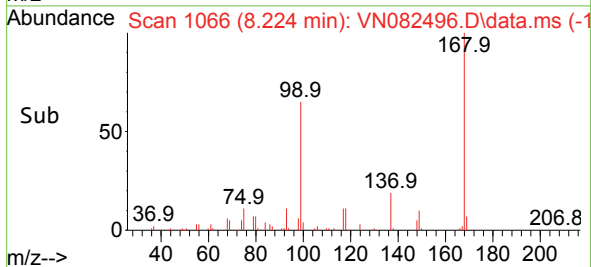
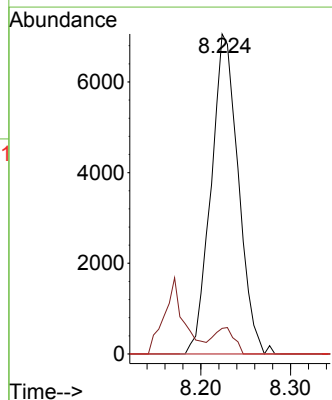
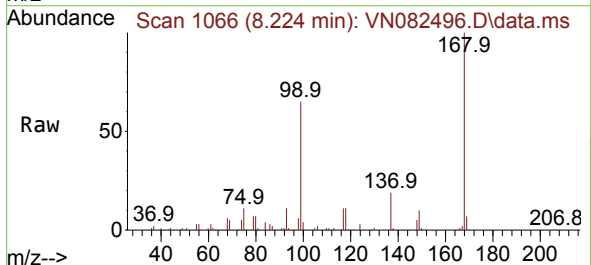
Instrument :
MSVOA_N
ClientSampleId :

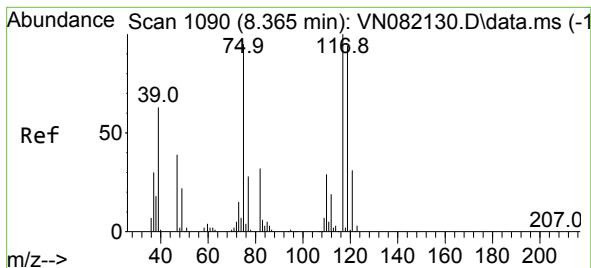
Tgt Ion:113 Resp: 96117
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 17.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

Tgt Ion: 75 Resp: 14907
Ion Ratio Lower Upper
75 100
110 6.2 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.487 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

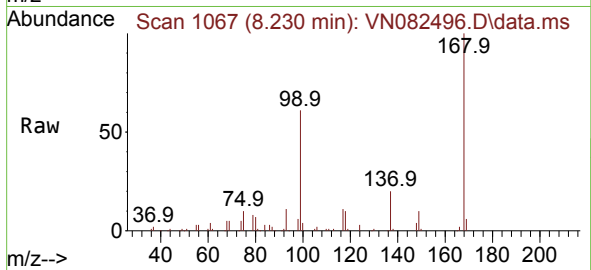
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Acq: 07 Jun 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :



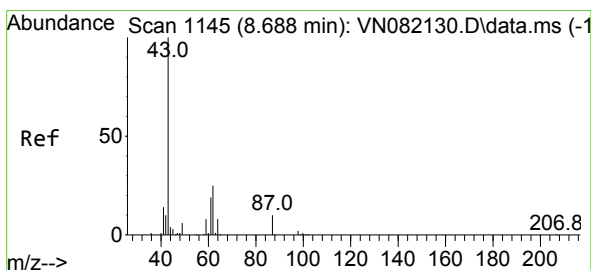
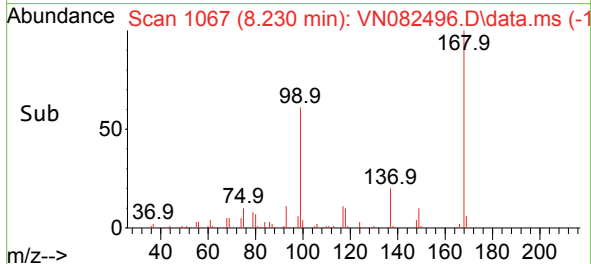
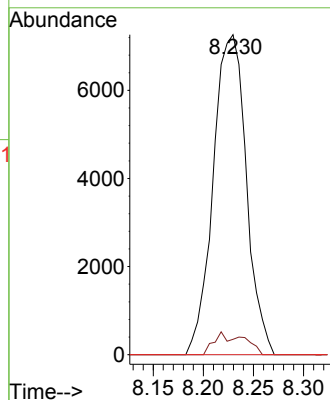
Tgt Ion:117 Resp: 16679

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.253 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082496.D

Acq: 07 Jun 2024 16:38

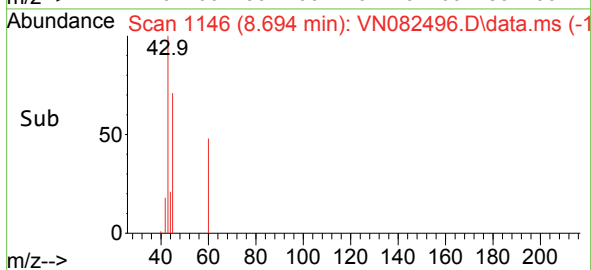
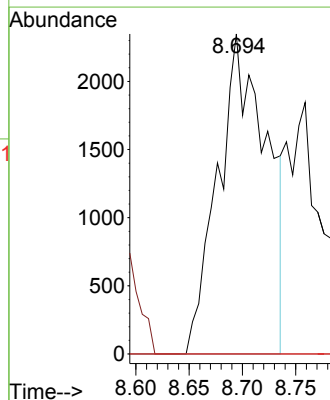
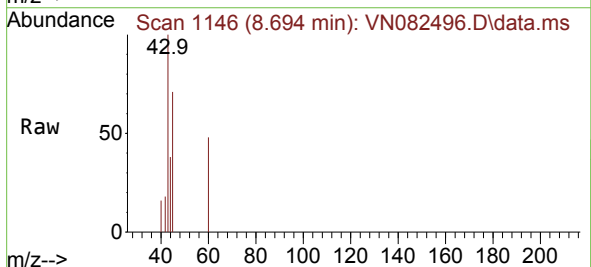
Tgt Ion: 43 Resp: 7451

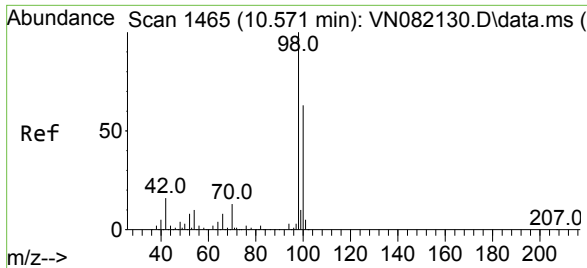
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

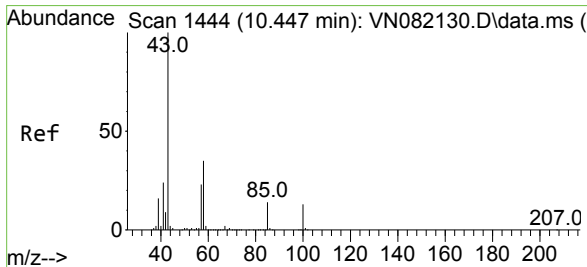
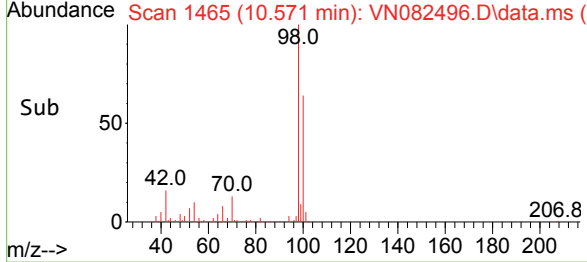
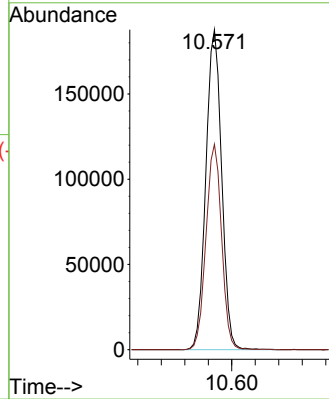
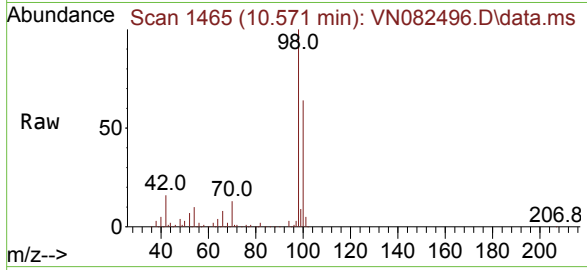




#50
Toluene-d8
Concen: 50.852 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

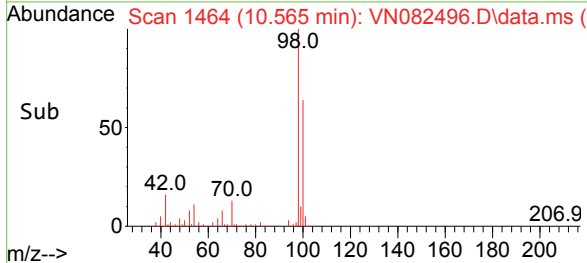
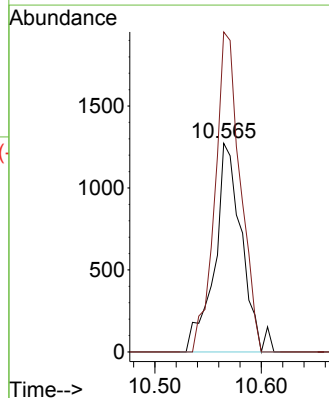
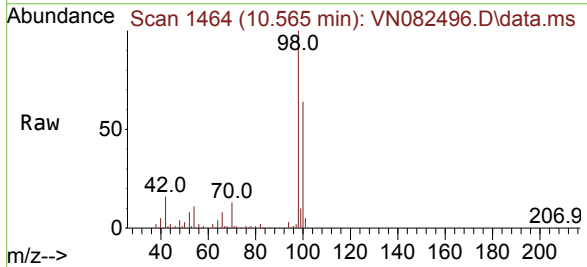
Instrument :
MSVOA_N
ClientSampleId :

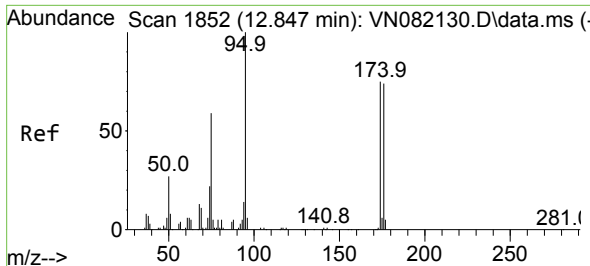
Tgt Ion: 98 Resp: 348558
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
58 144.0 33.2 49.8#

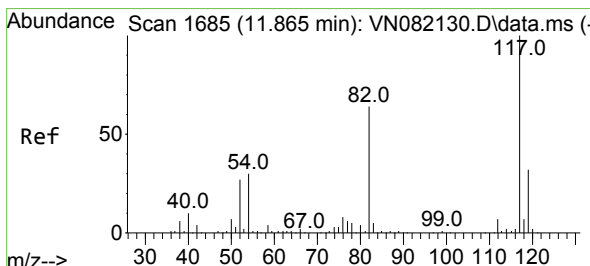
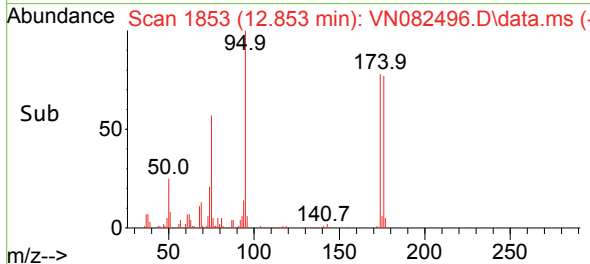
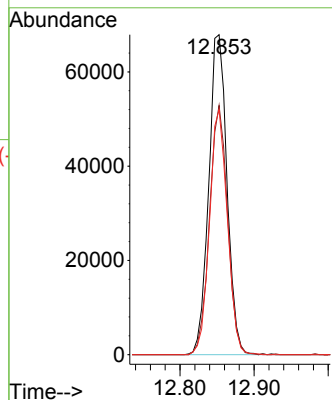
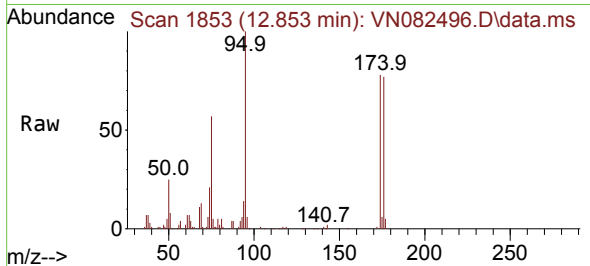




#62
4-Bromofluorobenzene
Concen: 47.531 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

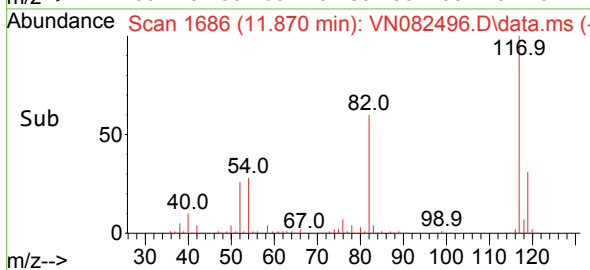
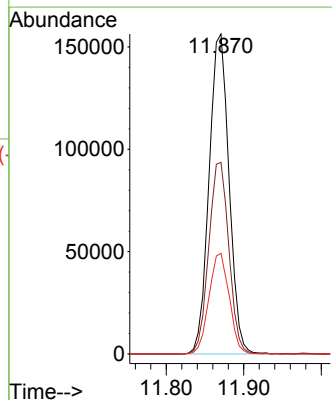
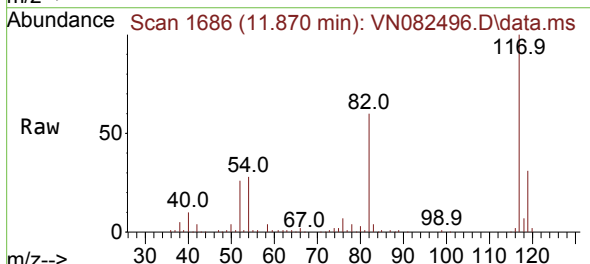
Instrument :
MSVOA_N
ClientSampleId :

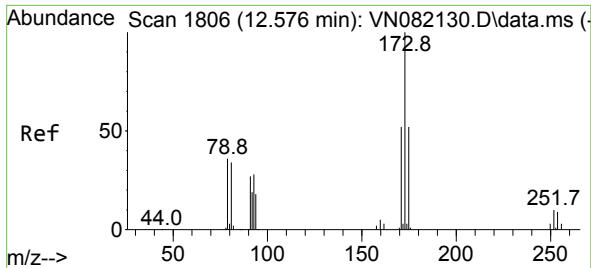
Tgt Ion: 95 Resp: 116283
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 74.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

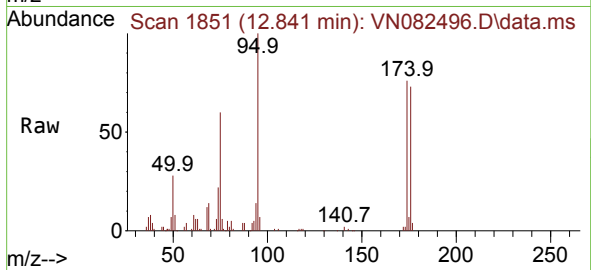
Tgt Ion: 117 Resp: 279727
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 31.5 25.9 38.9



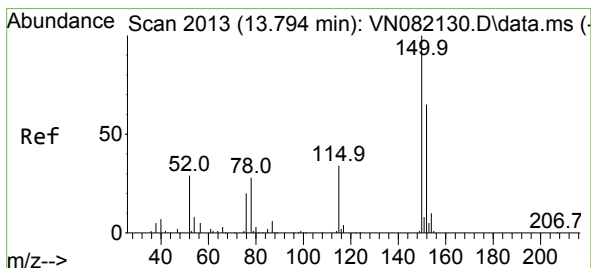
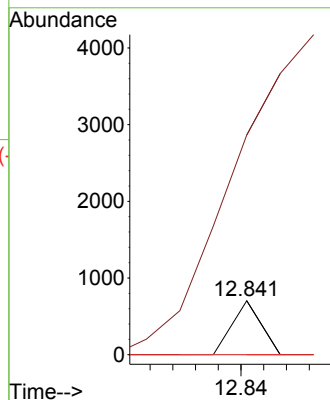
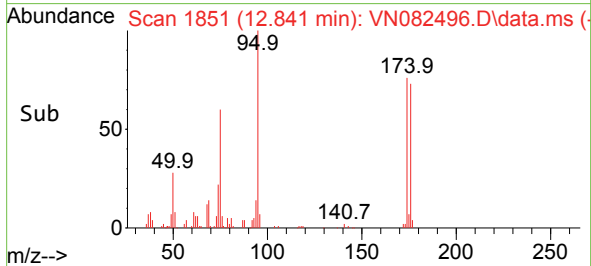


#71
Bromoform
Concen: 0.852 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38

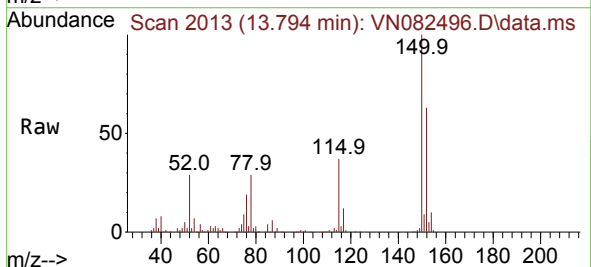
Instrument :
MSVOA_N
ClientSampleId :



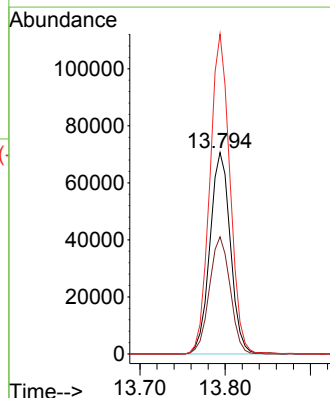
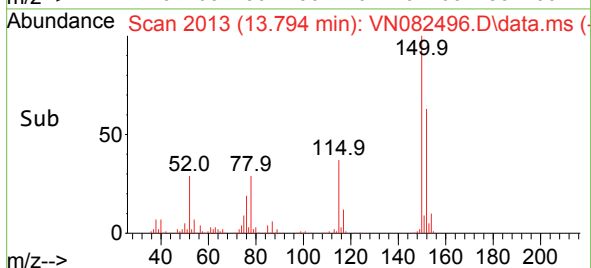
Tgt Ion:173 Resp: 248
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

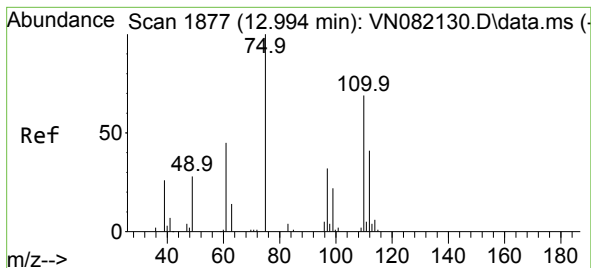


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082496.D
Acq: 07 Jun 2024 16:38



Tgt Ion:152 Resp: 117974
Ion Ratio Lower Upper
152 100
115 59.0 30.4 91.3
150 156.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 26.699 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082496.D

Acq: 07 Jun 2024 16:38

Instrument :

MSVOA_N

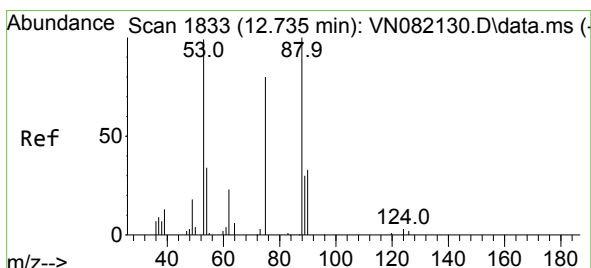
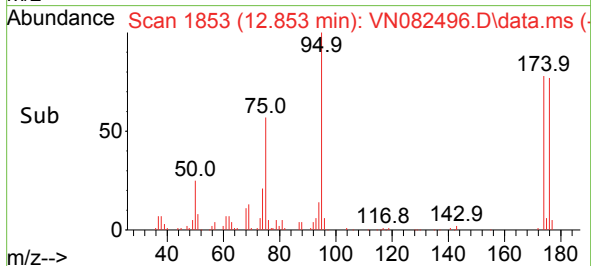
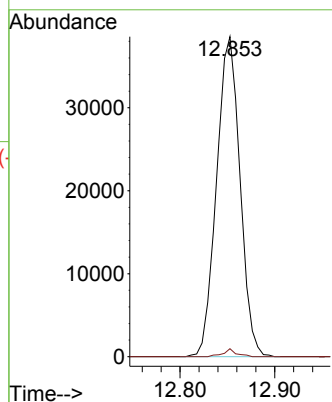
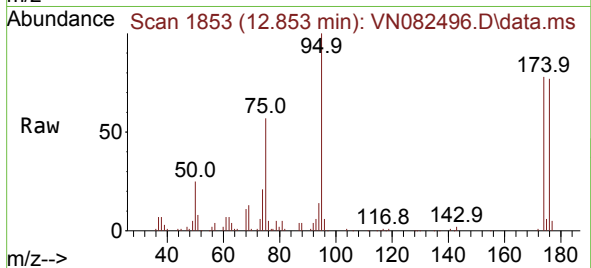
ClientSampleId :

Tgt Ion: 75 Resp: 66296

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.448 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082496.D

Acq: 07 Jun 2024 16:38

Tgt Ion: 75 Resp: 66296

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

