

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078894.D
 Acq On : 16 Aug 2023 11:30
 Operator : JC\MD
 Sample : VN0816MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL02

Quant Time: Aug 17 01:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

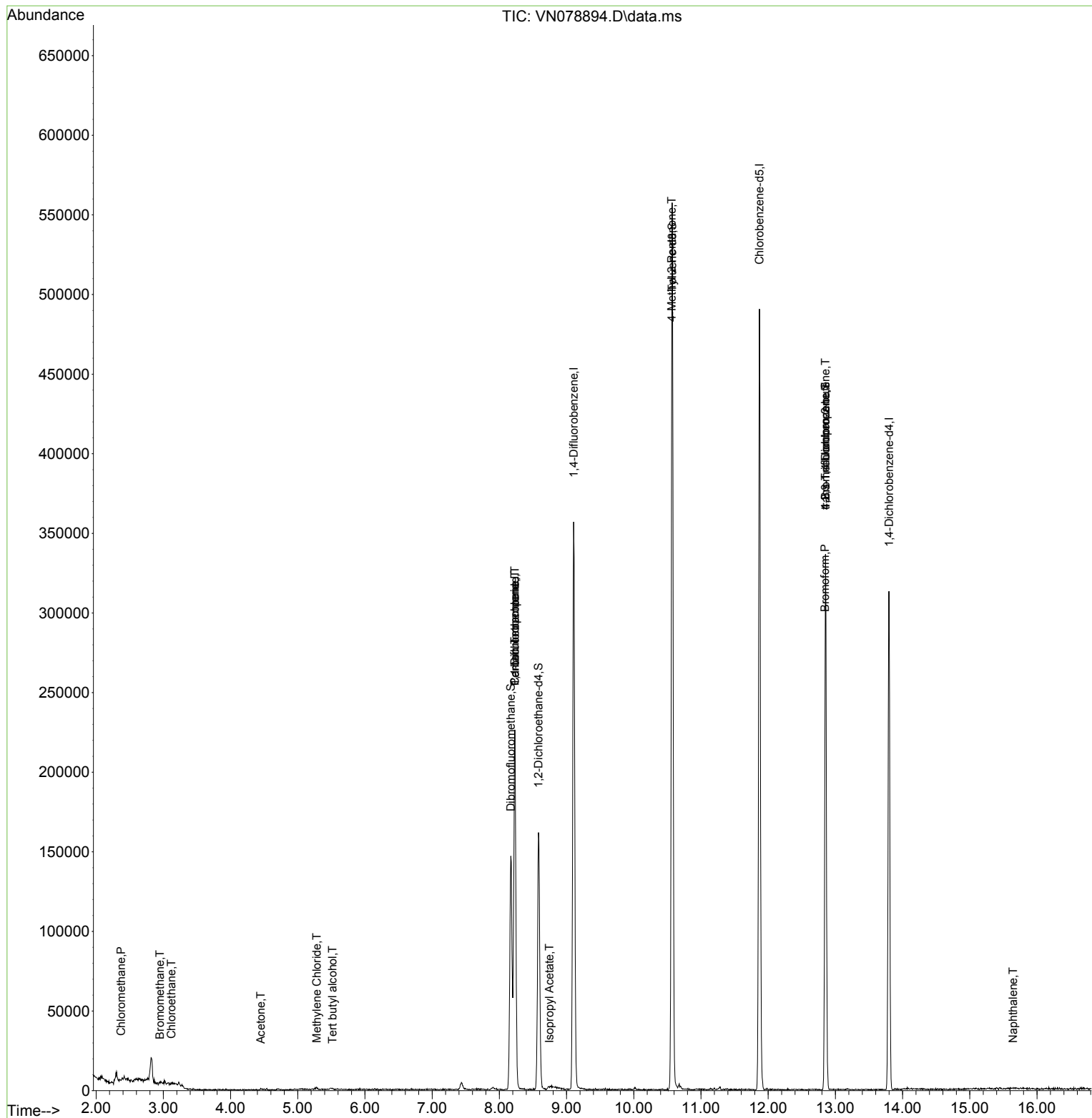
Internal Standards						
1) Pentafluorobenzene	8.230	168	150011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	264091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	80883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128855	55.201	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	8.171	113	104053	52.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.571	98	370586	49.897	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.853	95	107626	44.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.660%			
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	1323	0.455	ug/l #	42
5) Bromomethane	2.948	94	424	0.290	ug/l #	4
6) Chloroethane	3.118	64	510	0.286	ug/l #	43
11) Tert butyl alcohol	5.518	59	166	0.424	ug/l #	72
16) Acetone	4.447	43	247	0.256	ug/l #	40
20) Methylene Chloride	5.283	84	588	0.286	ug/l #	57
31) Cyclohexane	8.224	56	4810	Below Cal	#	38
36) 1,1-Dichloropropene	8.230	75	14258	4.739	ug/l #	50
38) Carbon Tetrachloride	8.230	117	17299	5.738	ug/l #	15
43) Isopropyl Acetate	8.747	43	1349	0.227	ug/l #	49
51) 4-Methyl-2-Pentanone	10.565	43	2060	0.584	ug/l #	1
71) Bromoform	12.847	173	1240	0.803	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	63542	32.604	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63542	83.290	ug/l #	15
95) Naphthalene	15.647	128	521	2.707	ug/l #	70

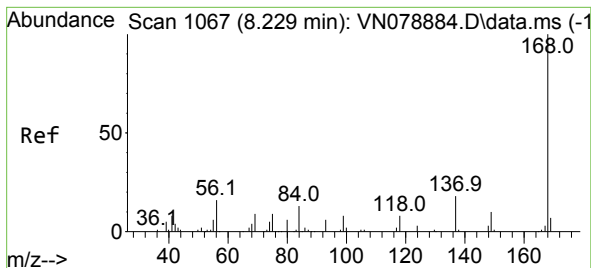
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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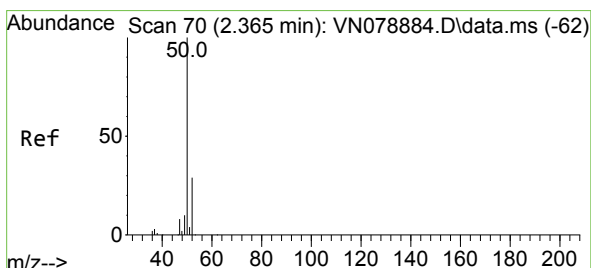
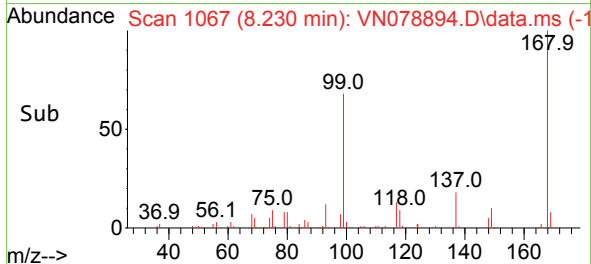
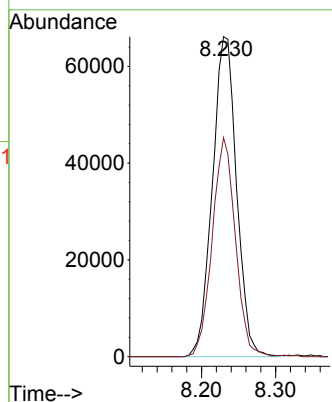
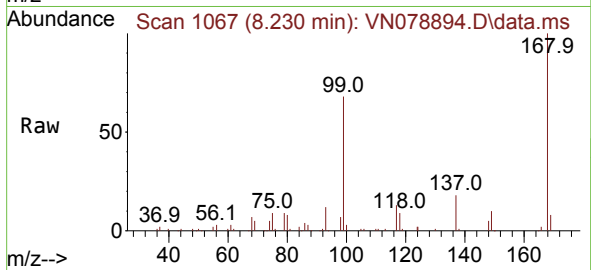




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

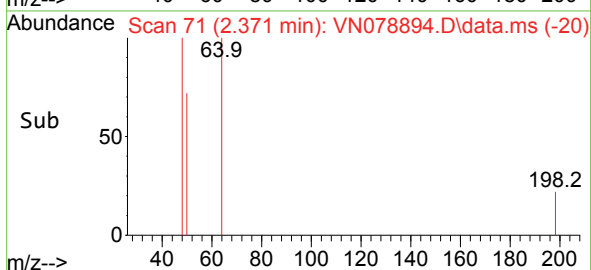
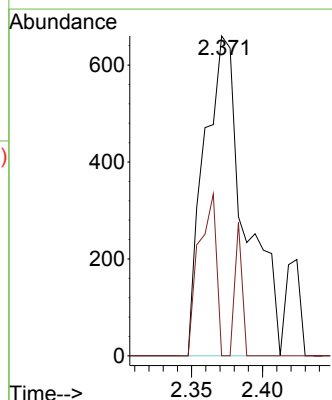
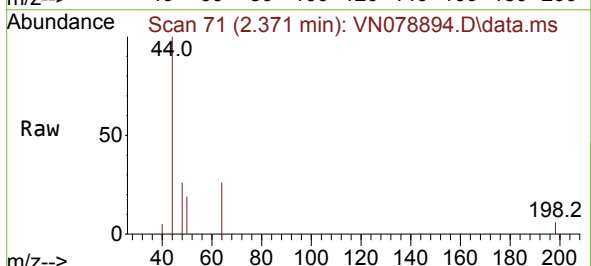
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL02

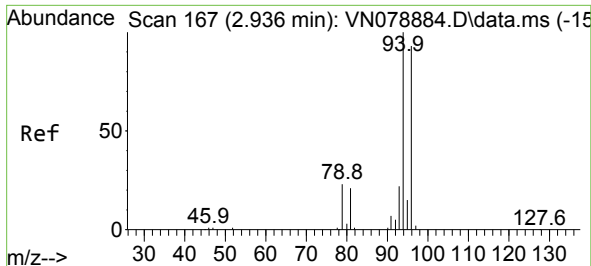
Tgt Ion:168 Resp: 150011
Ion Ratio Lower Upper
168 100
99 68.4 53.0 79.6



#3
Chloromethane
Concen: 0.455 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

Tgt Ion: 50 Resp: 1323
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.290 ug/l

RT: 2.948 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078894.D

Acq: 16 Aug 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

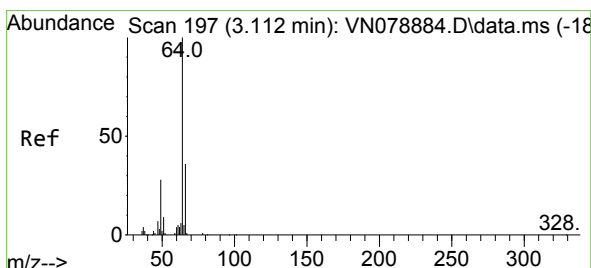
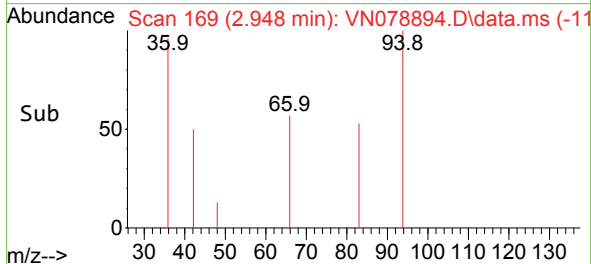
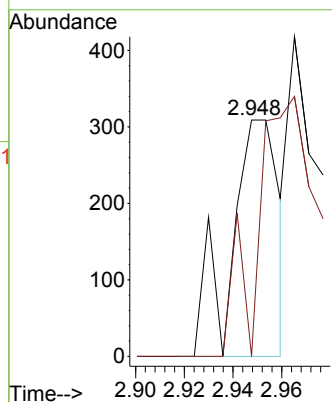
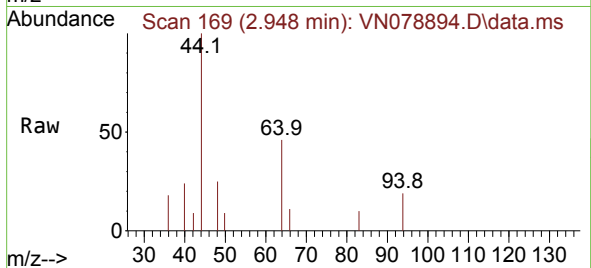
VN0816MBL02

Tgt Ion: 94 Resp: 424

Ion Ratio Lower Upper

94 100

96 0.0 73.1 109.7#



#6

Chloroethane

Concen: 0.286 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN078894.D

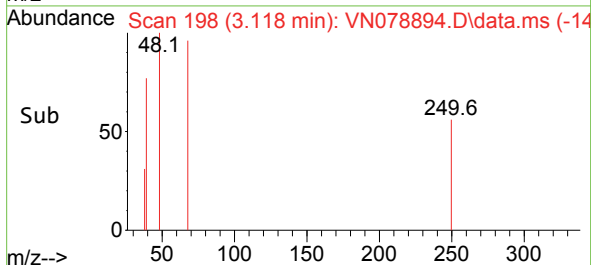
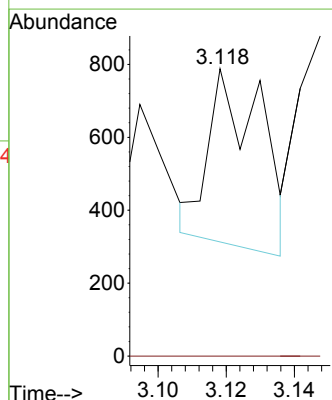
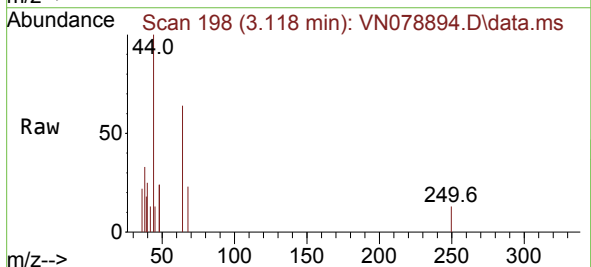
Acq: 16 Aug 2023 11:30

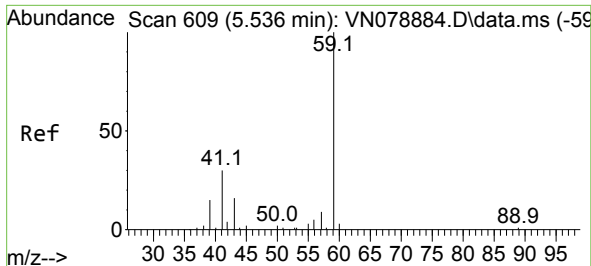
Tgt Ion: 64 Resp: 510

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#

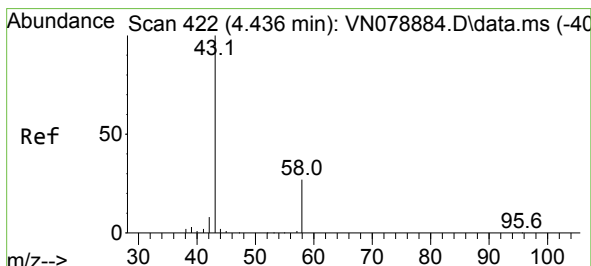
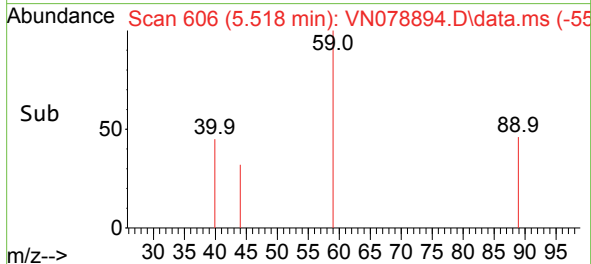
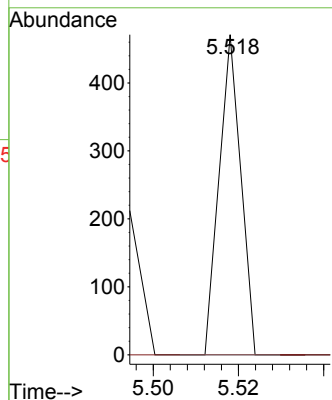
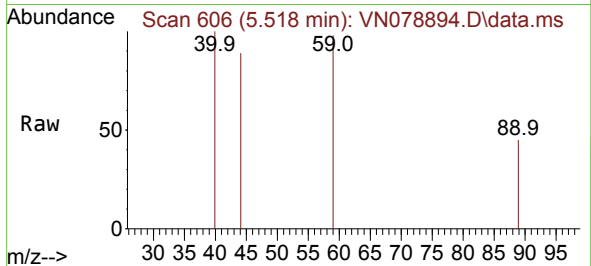




#11
Tert butyl alcohol
Concen: 0.424 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

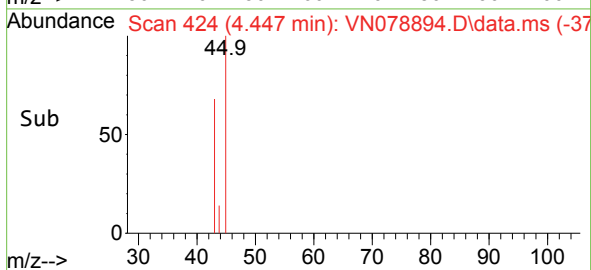
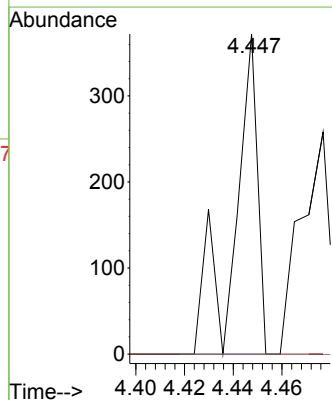
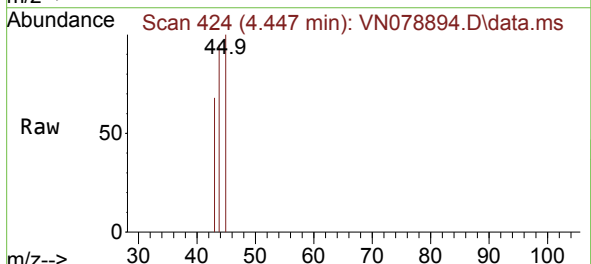
Instrument :
MSVOA_N
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VN0816MBL02

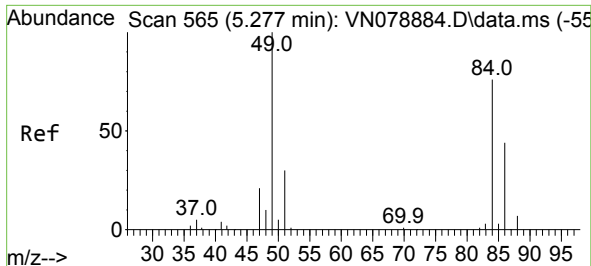
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.256 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

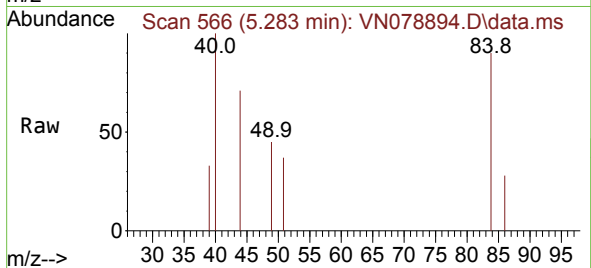
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



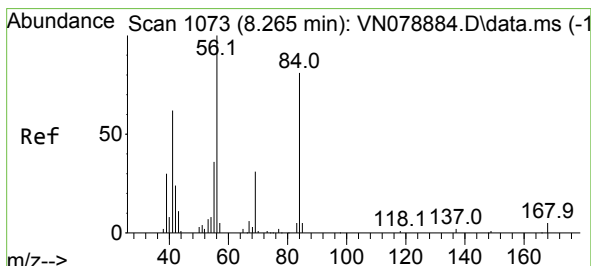
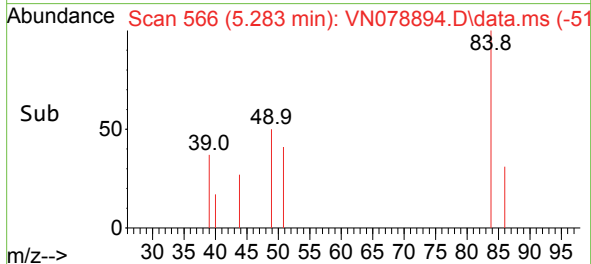
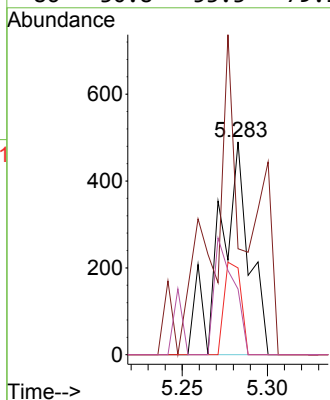


#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL02

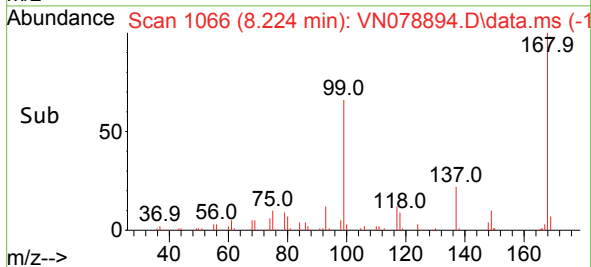
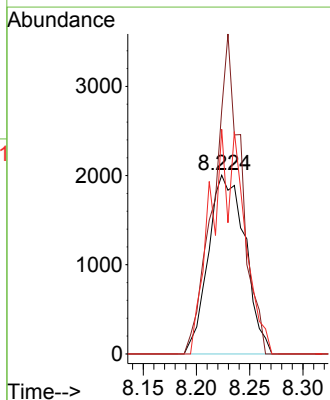
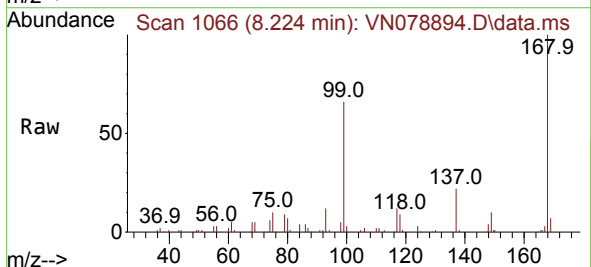


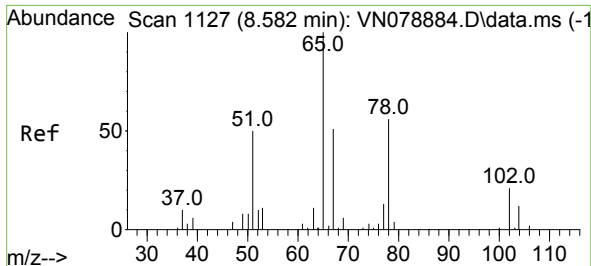
Tgt Ion: 84	Resp: 588
Ion Ratio	Lower Upper
84 100	
49 49.8	79.7 119.5#
51 40.8	25.2 37.8#
86 30.8	53.3 79.9#



#31
Cyclohexane
Concen: Below Cal
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

Tgt Ion: 56	Resp: 4810		
Ion Ratio	Lower	Upper	
56	100		
69	136.5	26.8	40.2#
84	125.8	81.8	122.6#

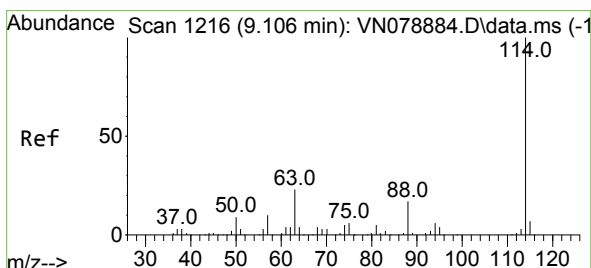
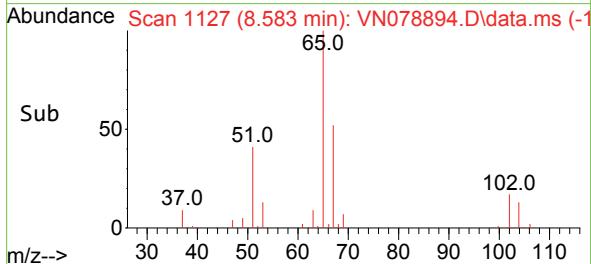
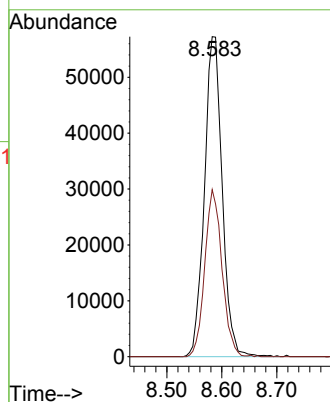
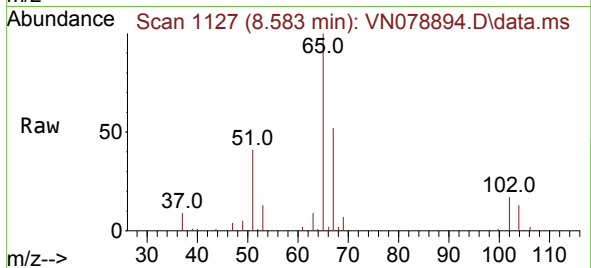




#33
 1,2-Dichloroethane-d4
 Concen: 55.201 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN078894.D
 Acq: 16 Aug 2023 11:30

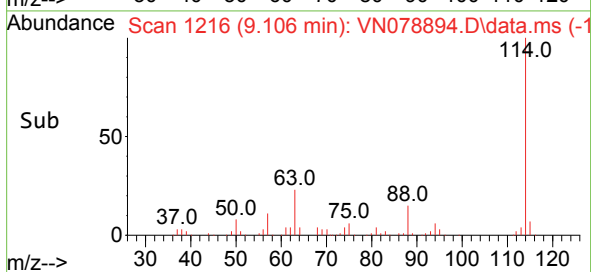
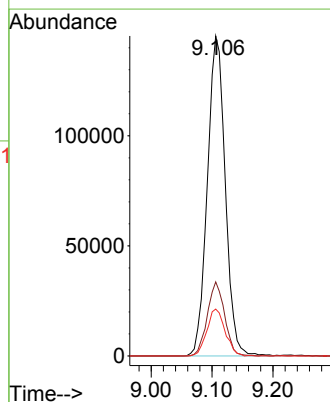
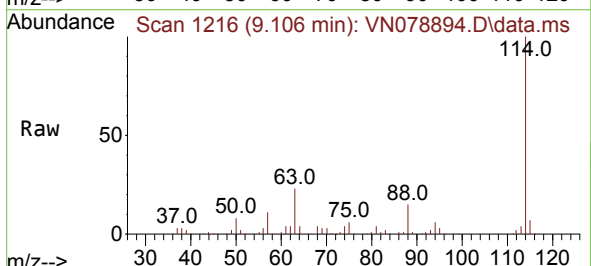
Instrument :
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 VN0816MBL02

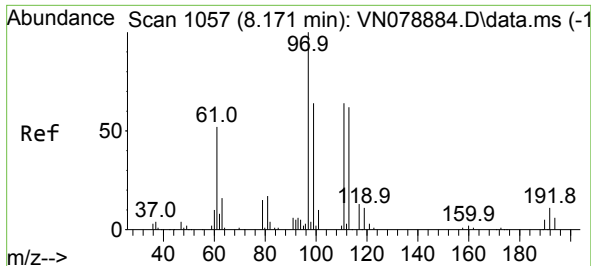
Tgt Ion: 65 Resp: 128855
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN078894.D
 Acq: 16 Aug 2023 11:30

Tgt Ion: 114 Resp: 297147
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 36.4
 88 14.6 0.0 30.6

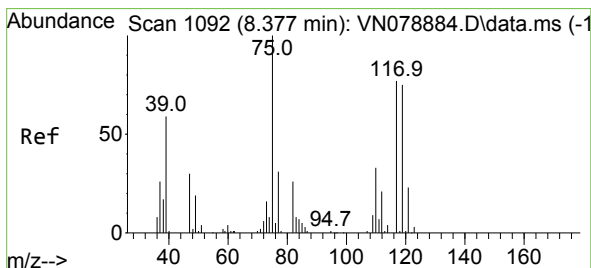
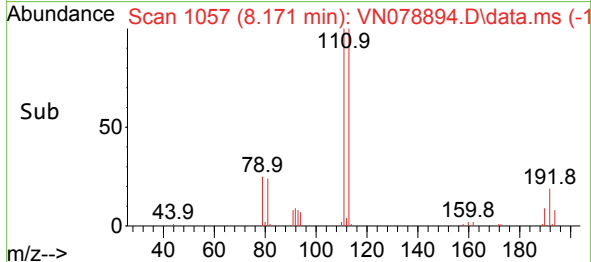
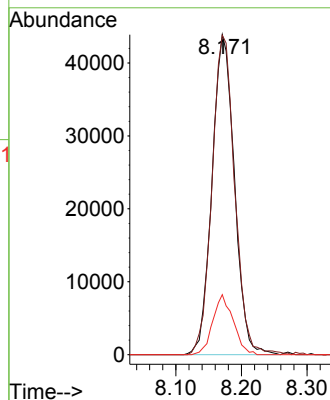
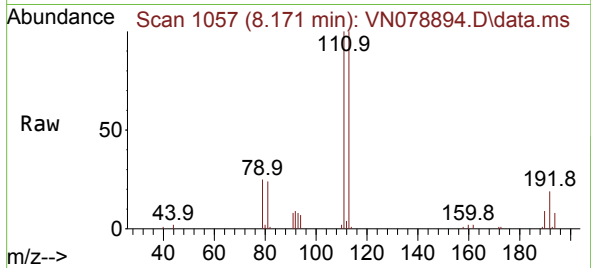




#35
Dibromofluoromethane
Concen: 52.020 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

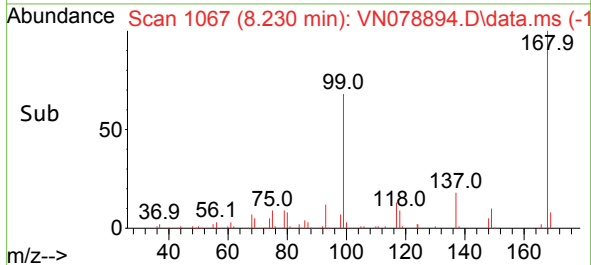
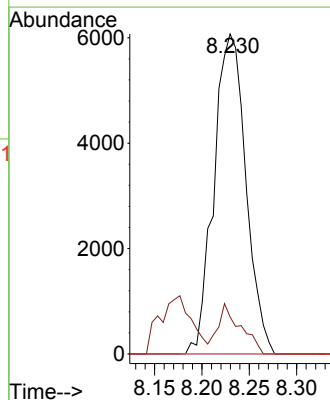
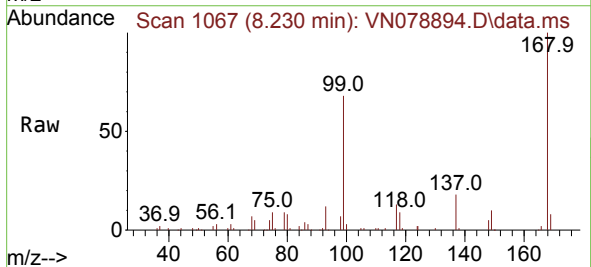
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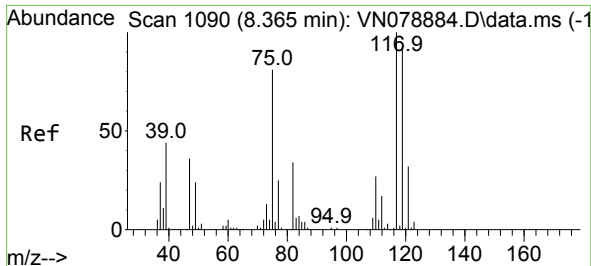
Tgt Ion:113 Resp: 104053
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

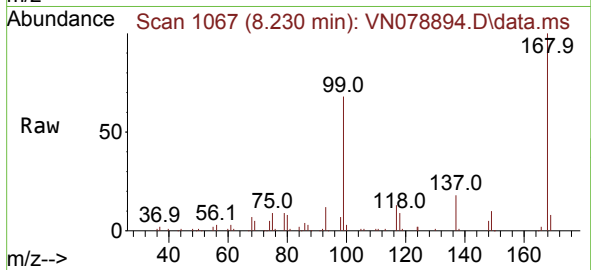
Tgt Ion: 75 Resp: 14258
Ion Ratio Lower Upper
75 100
110 11.2 19.1 57.3#
77 0.0 25.0 37.4#



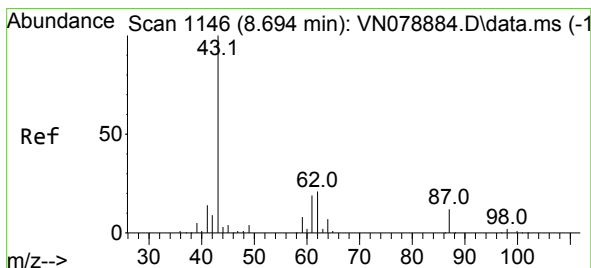
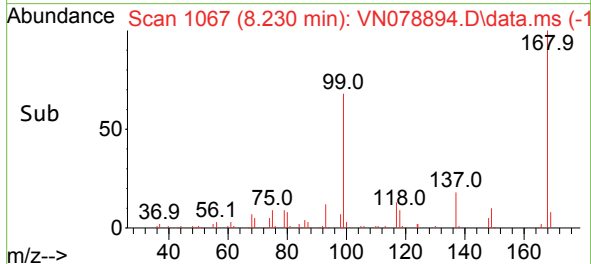
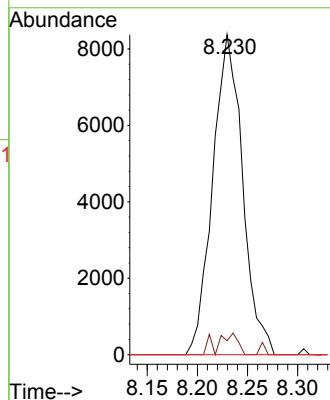


#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL02

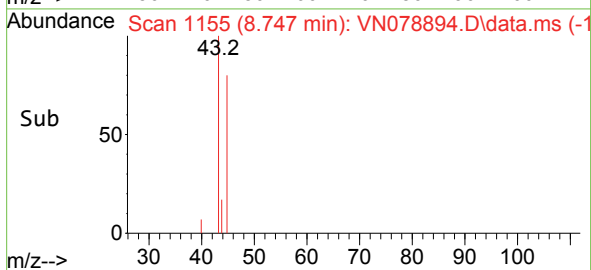
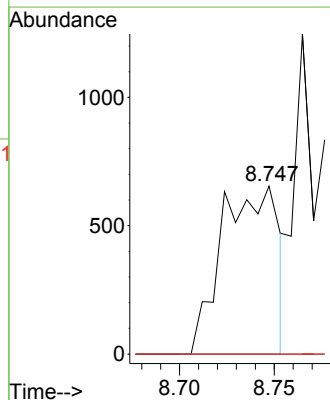
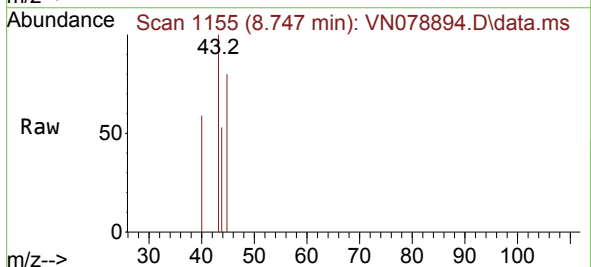


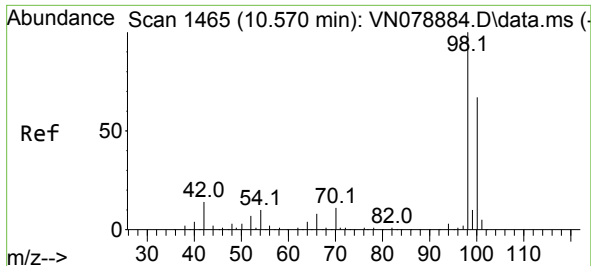
Tgt Ion:117 Resp: 17299
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.227 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.053 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

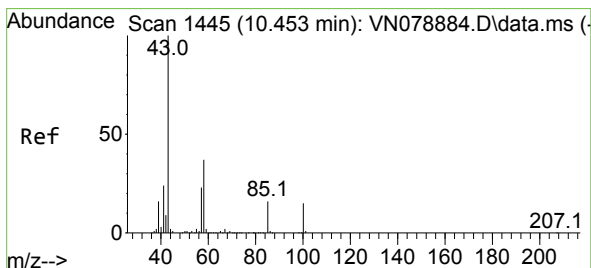
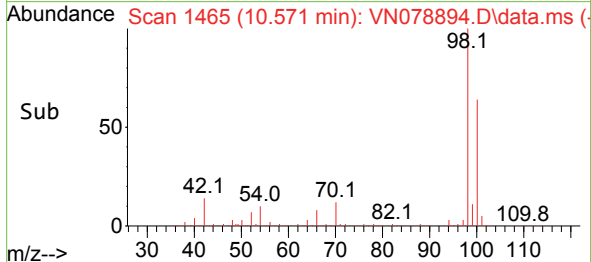
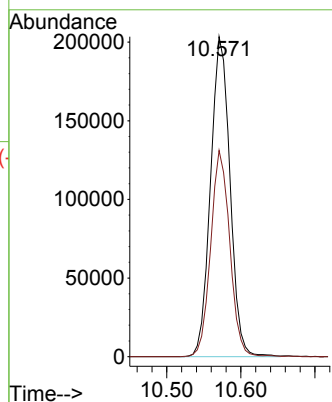
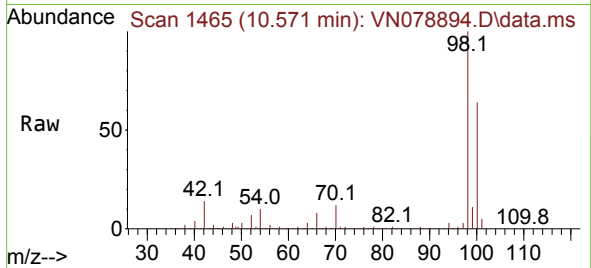




#50
Toluene-d8
Concen: 49.897 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

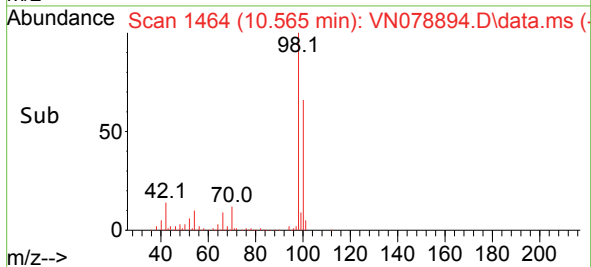
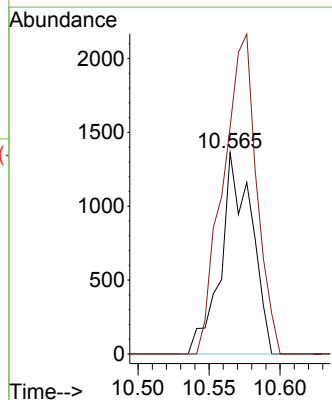
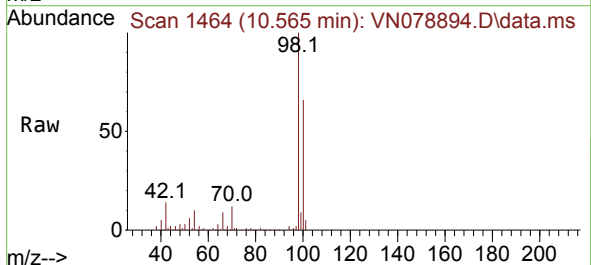
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL02

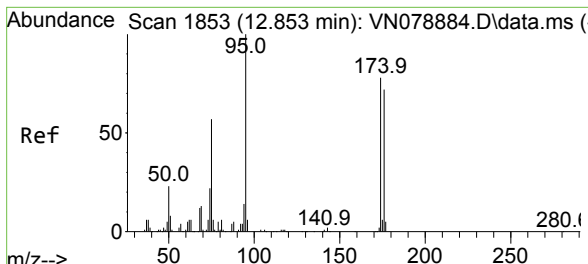
Tgt Ion: 98 Resp: 370586
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.112 min
Lab File: VN078894.D
Acq: 16 Aug 2023 11:30

Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 172.3 36.6 54.8#

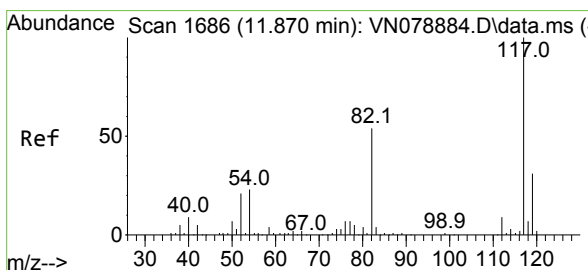
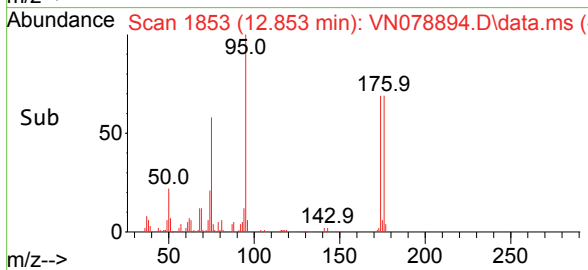
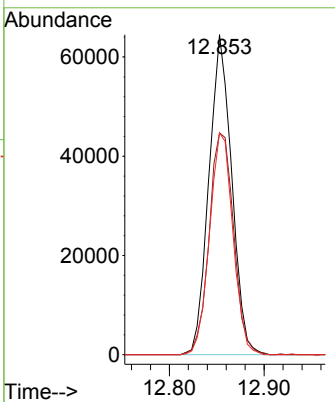
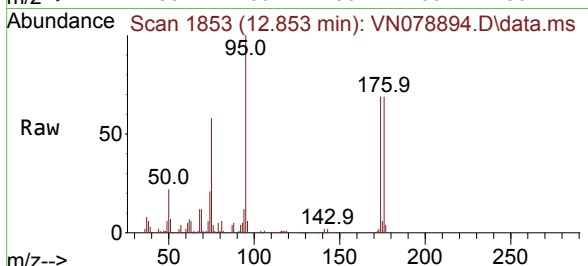




#62
 4-Bromofluorobenzene
 Concen: 44.334 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078894.D
 Acq: 16 Aug 2023 11:30

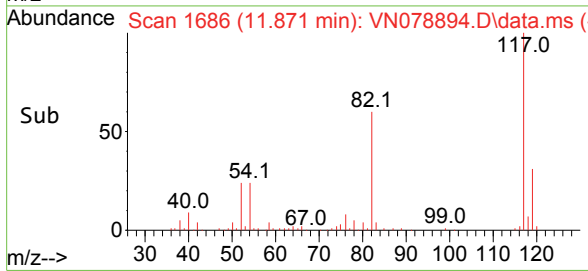
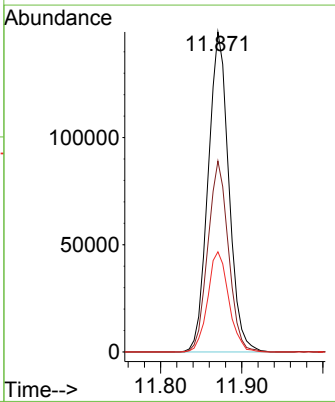
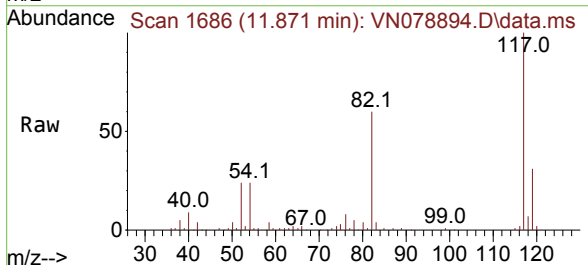
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL02

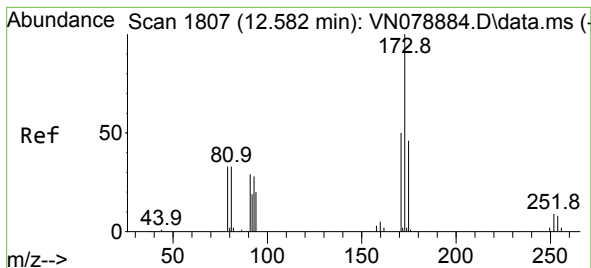
Tgt Ion:	95	Resp:	107626
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	143.8
176	71.2	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078894.D
 Acq: 16 Aug 2023 11:30

Tgt Ion:	117	Resp:	264091
Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.0	66.0
119	31.3	25.6	38.4





#71

Bromoform

Concen: 0.803 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN078894.D

Acq: 16 Aug 2023 11:30

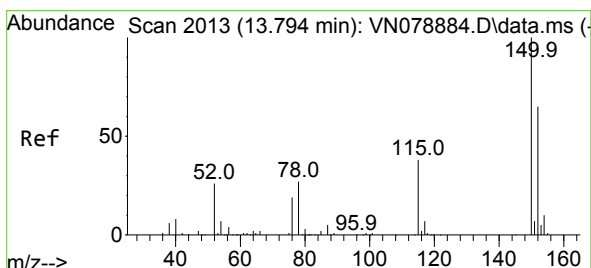
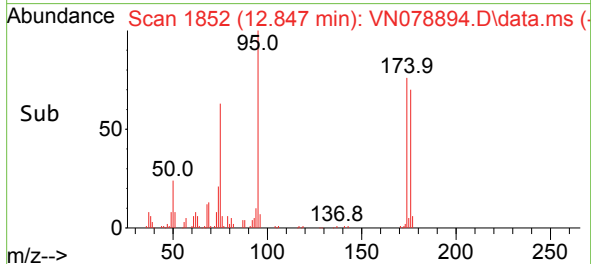
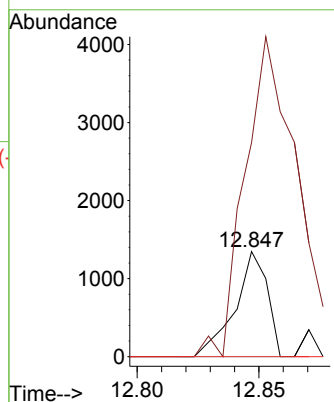
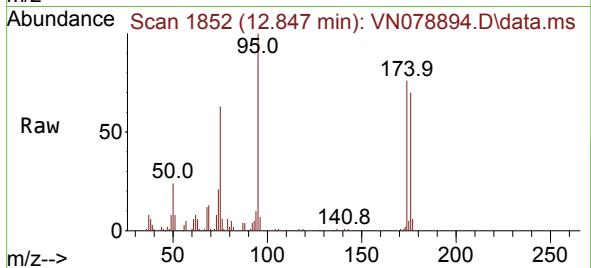
Instrument :

MSVOA_N

ClientSampleId :

VN0816MBL02

Tgt Ion:	173	Resp:	1240
Ion Ratio	Lower	Upper	
173	100		
175	345.6	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

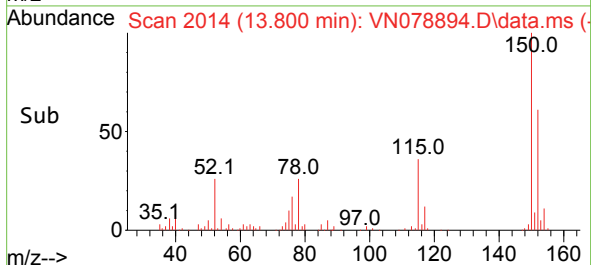
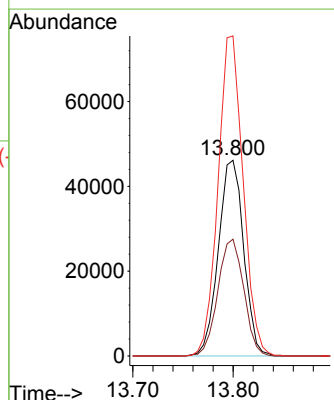
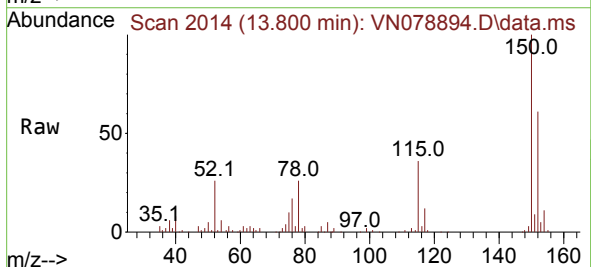
RT: 13.800 min Scan# 2014

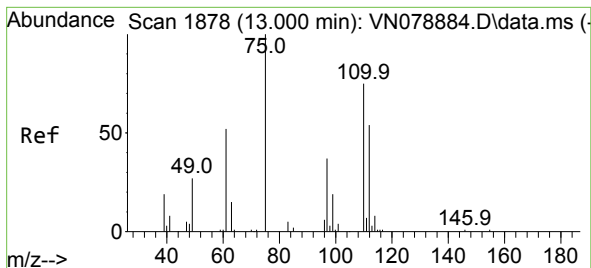
Delta R.T. 0.006 min

Lab File: VN078894.D

Acq: 16 Aug 2023 11:30

Tgt Ion:	152	Resp:	80883
Ion Ratio	Lower	Upper	
152	100		
115	61.0	32.3	96.8
150	161.9	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 32.604 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078894.D

Acq: 16 Aug 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

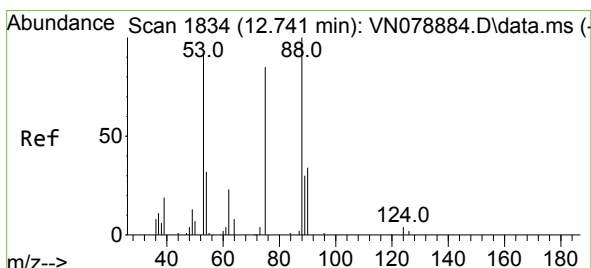
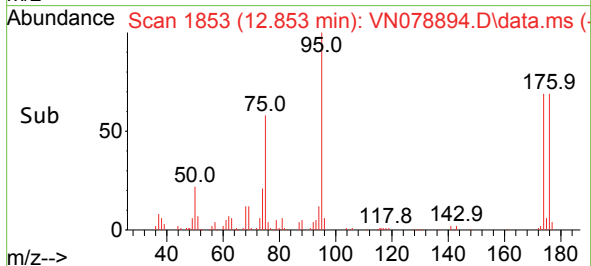
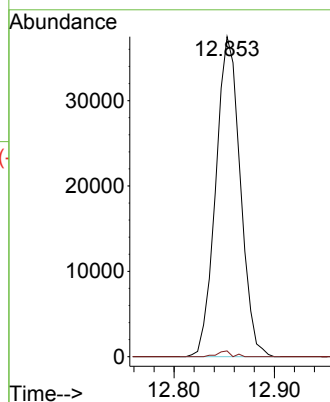
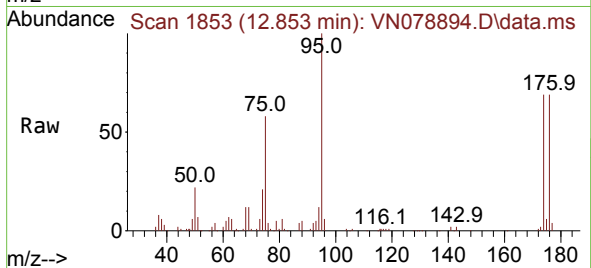
VN0816MBL02

Tgt Ion: 75 Resp: 63542

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.290 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078894.D

Acq: 16 Aug 2023 11:30

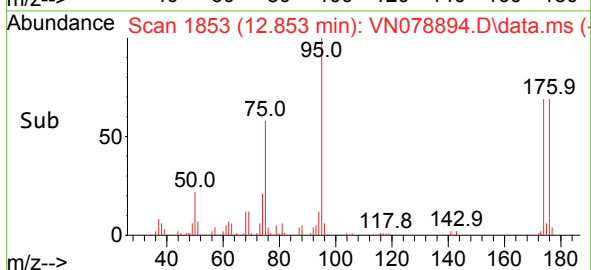
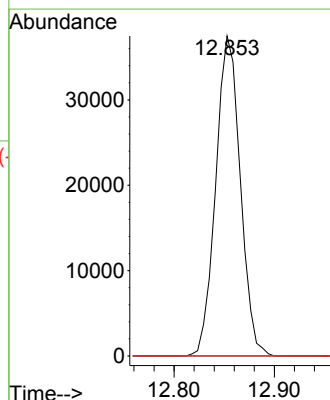
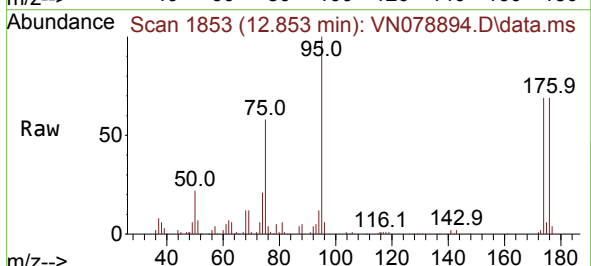
Tgt Ion: 75 Resp: 63542

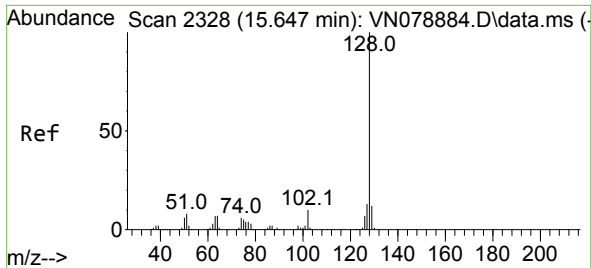
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

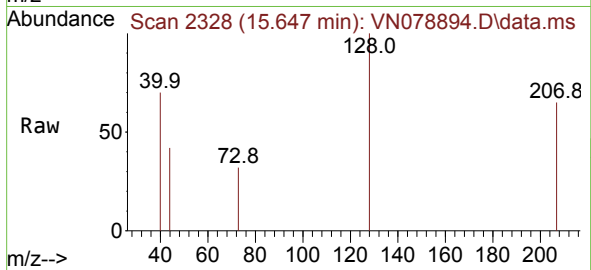
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 2.707 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 16 Aug 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL02



Tgt Ion:128 Resp: 521
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

