

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078943.D
 Acq On : 18 Aug 2023 15:34
 Operator : JC\MD
 Sample : PB154902TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 23:42:57 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	150567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	274905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	114690	48.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.171	113	97128	52.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	10.571	98	371340	53.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.340%
62) 4-Bromofluorobenzene	12.853	95	105935	46.846	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	897	0.308	ug/l #	82
5) Bromomethane	2.948	94	396	0.270	ug/l #	4
6) Chloroethane	3.124	64	628	0.351	ug/l #	43
13) Acrolein	4.177	56	144	7.381	ug/l #	16
16) Acetone	4.436	43	32197	33.305	ug/l #	81
17) Carbon Disulfide	4.712	76	1970	0.435	ug/l #	75
18) Methyl Acetate	5.048	43	1884	0.461	ug/l #	81
20) Methylene Chloride	5.271	84	18622	9.039	ug/l #	79
25) 2-Butanone	7.494	43	9674	6.242	ug/l #	62
29) Tetrahydrofuran	7.847	42	700	0.682	ug/l #	29
31) Cyclohexane	8.230	56	4097	Below Cal	#	58
36) 1,1-Dichloropropene	8.230	75	13979	4.988	ug/l #	41
37) Ethyl Acetate	7.577	43	4876	1.555	ug/l #	67
38) Carbon Tetrachloride	8.230	117	15998	5.697	ug/l #	16
41) Methacrylonitrile	7.853	41	413	0.242	ug/l #	34
42) 1,2-Dichloroethane	8.688	62	1189	0.384	ug/l #	73
43) Isopropyl Acetate	8.694	43	173304	31.267	ug/l #	79
45) 1,2-Dichloropropane	9.747	63	2241	1.016	ug/l #	45
48) Methyl methacrylate	9.665	41	5471	2.178	ug/l #	33
49) 1,4-Dioxane	9.706	88	66	1.543	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	44720	13.603	ug/l #	82
54) cis-1,3-Dichloropropene	10.365	75	56873	16.300	ug/l #	74
56) Ethyl methacrylate	10.988	69	2517	0.796	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	7375	2.022	ug/l #	44
59) 2-Hexanone	11.177	43	170716	71.697	ug/l #	19
74) N-amyl acetate	12.494	43	2429	0.700	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	56604	28.497	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	56604	72.798	ug/l #	15
85) sec-Butylbenzene	13.629	105	1632	0.259	ug/l #	57
86) p-Isopropyltoluene	13.735	119	1555	0.309	ug/l #	74
87) 1,3-Dichlorobenzene	13.735	146	896	0.315	ug/l	84
88) 1,4-Dichlorobenzene	13.735	146	896	0.315	ug/l	86
89) n-Butylbenzene	14.059	91	1882	0.454	ug/l	98
91) 1,2-Dichlorobenzene	14.123	146	677	0.239	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.400	180	815	0.813	ug/l	89

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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

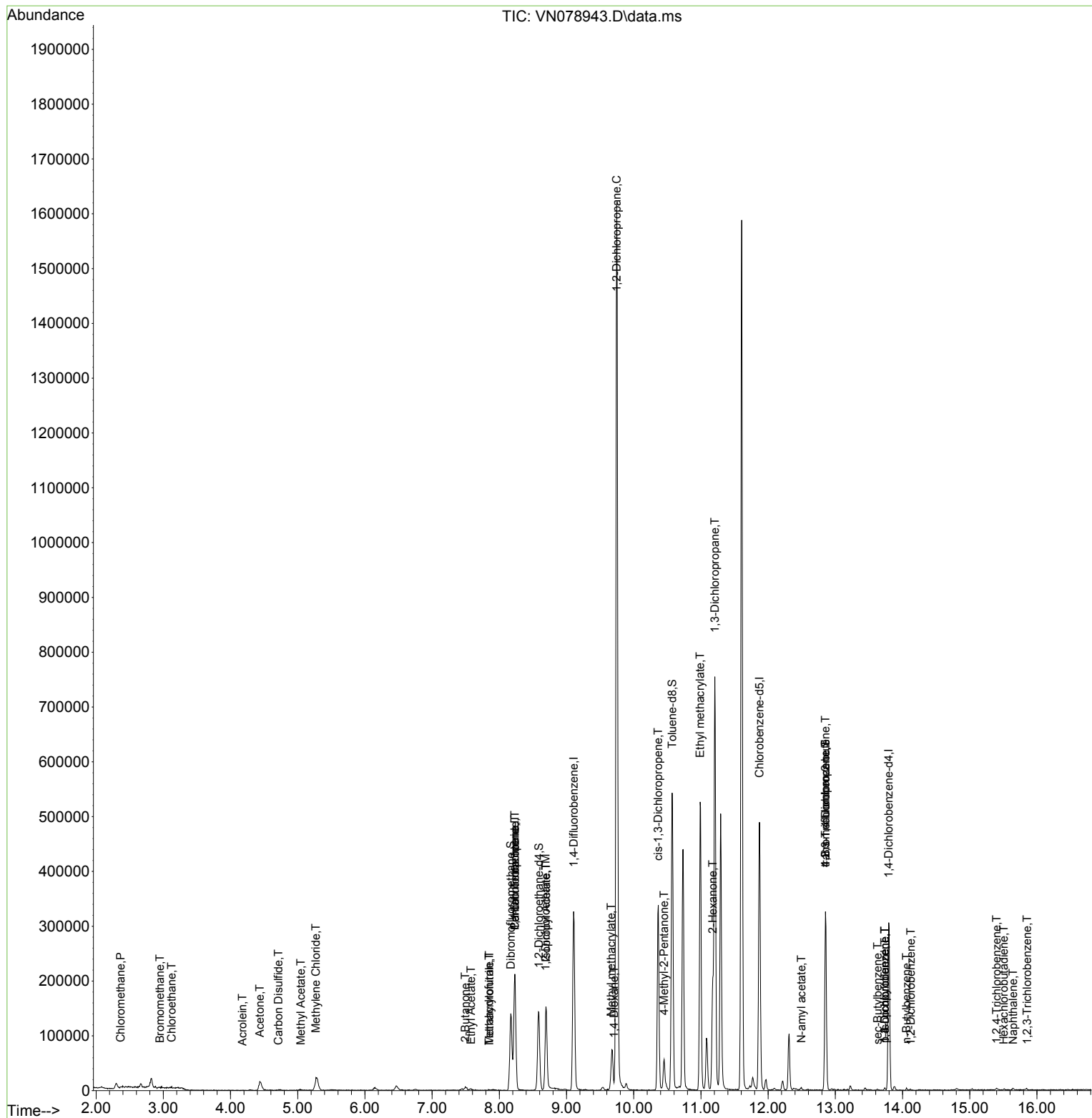
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.506	225	427	0.526	ug/l #	67
95) Naphthalene	15.647	128	3274	3.392	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.853	180	1179	1.074	ug/l #	81

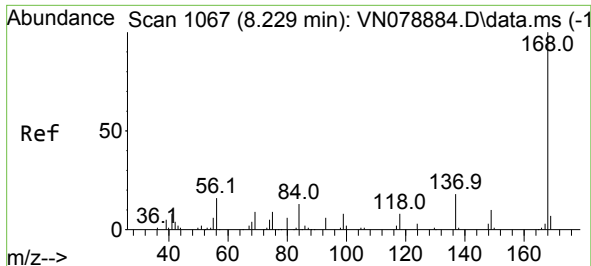
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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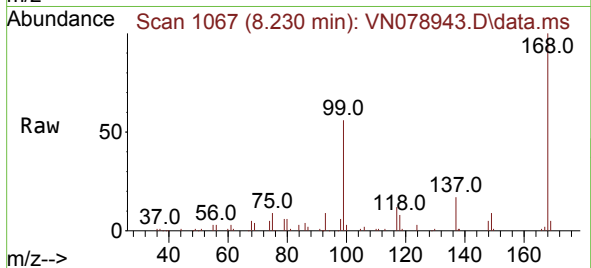
Quant Time: Aug 18 23:42:57 2023
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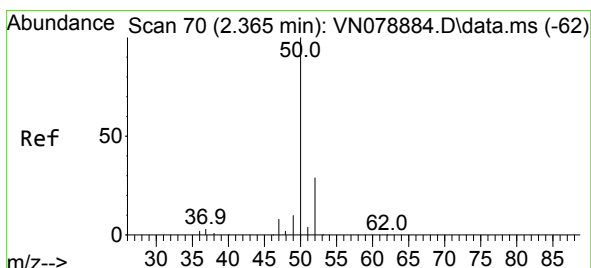
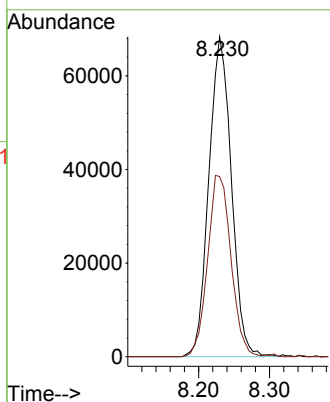
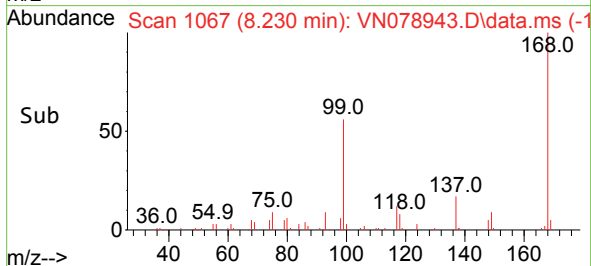


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

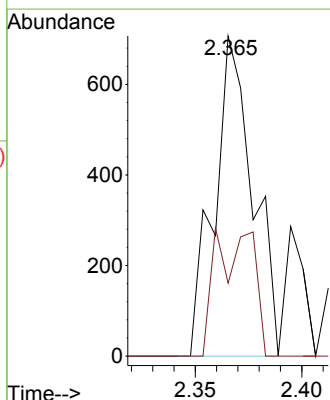
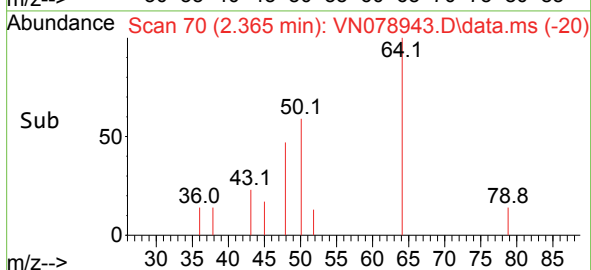
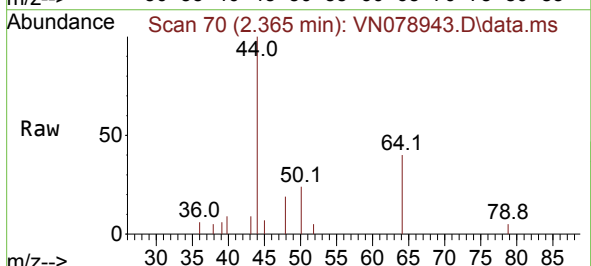


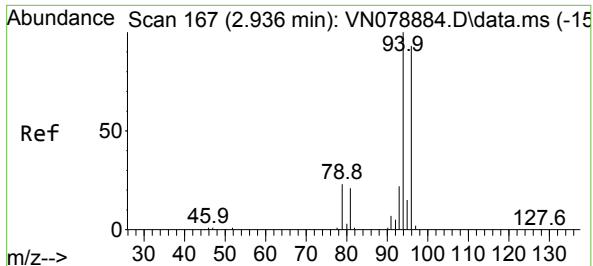
Tgt Ion:168 Resp: 150567
Ion Ratio Lower Upper
168 100
99 56.3 53.0 79.6



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 50 Resp: 897
Ion Ratio Lower Upper
50 100
52 22.8 26.5 39.7#

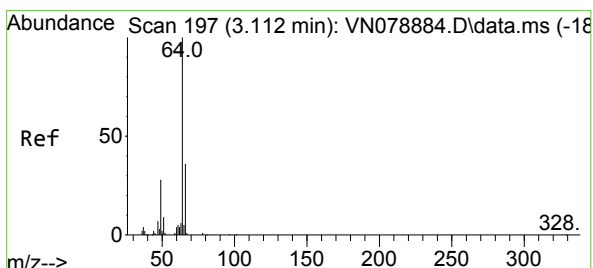
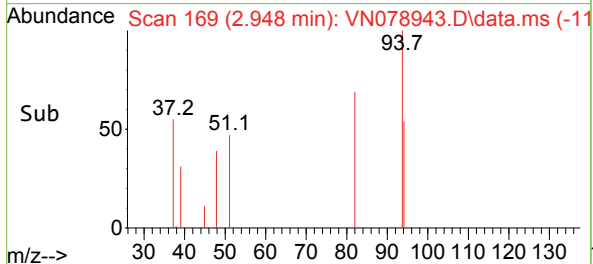
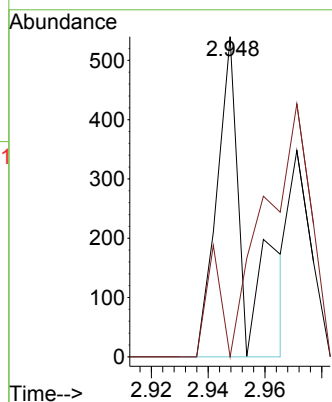
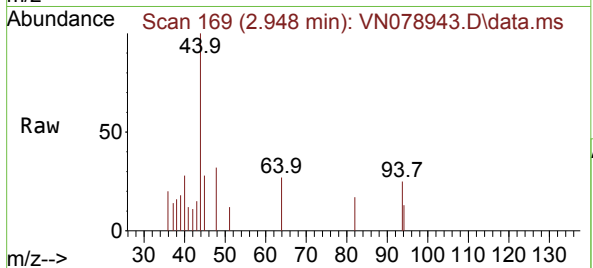




#5
Bromomethane
Concen: 0.270 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

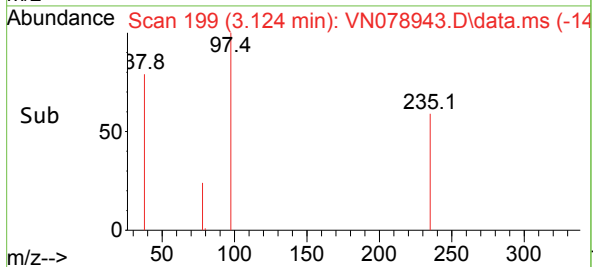
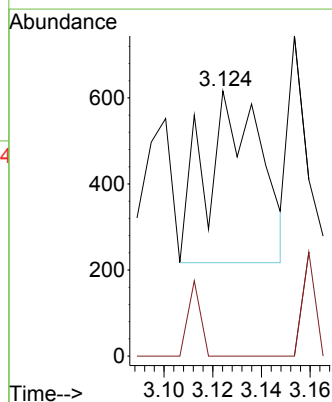
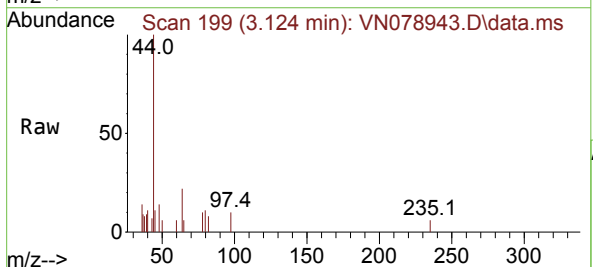
Instrument :
MSVOA_N
ClientSampleId :

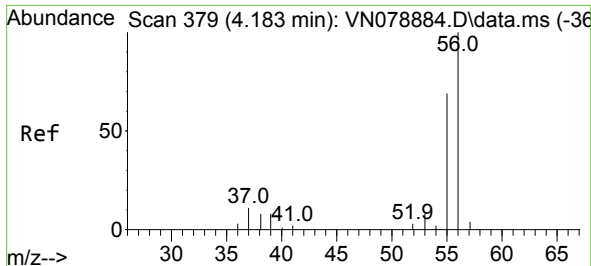
Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: 0.351 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 64 Resp: 628
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#13

Acrolein

Concen: 7.381 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

Instrument :

MSVOA_N

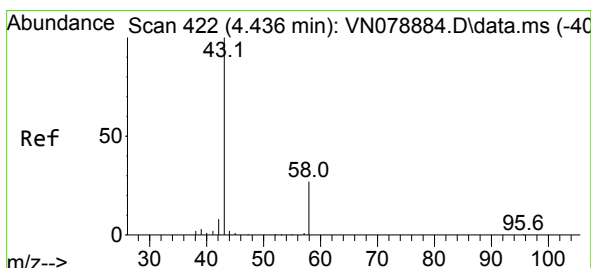
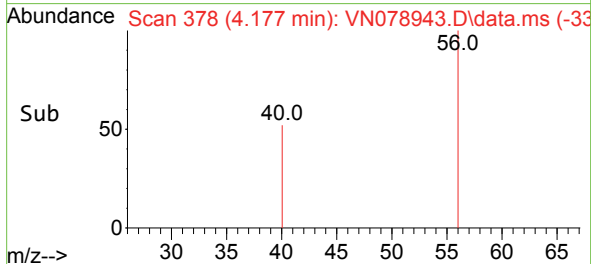
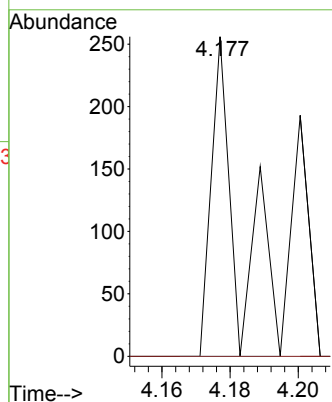
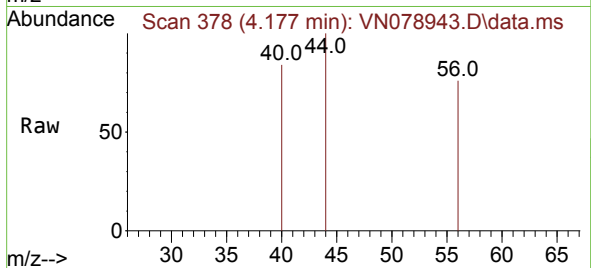
ClientSampleId :

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 33.305 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN078943.D

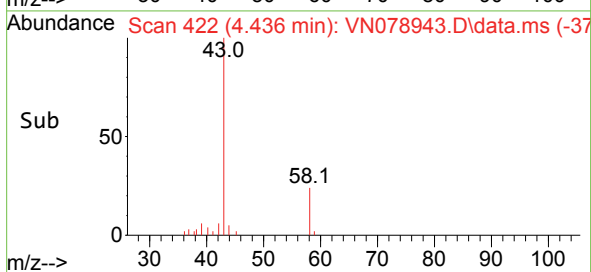
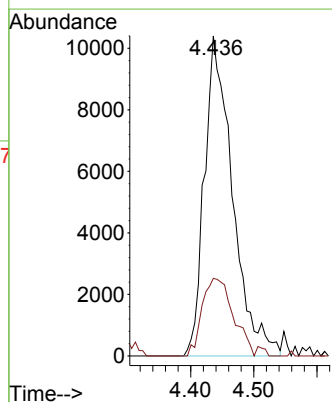
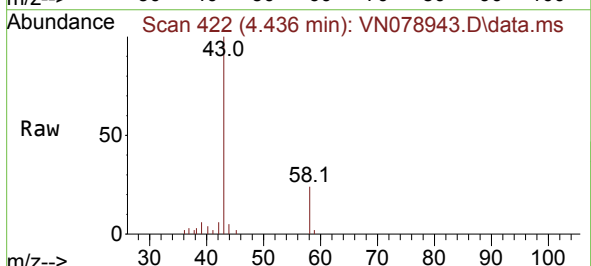
Acq: 18 Aug 2023 15:34

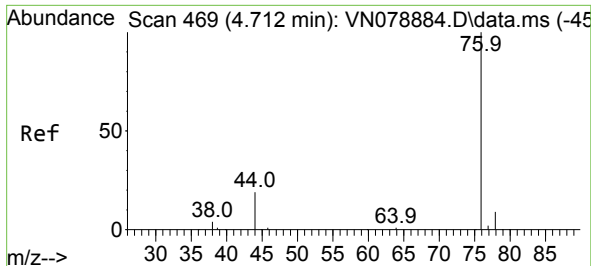
Tgt Ion: 43 Resp: 32197

Ion Ratio Lower Upper

43 100

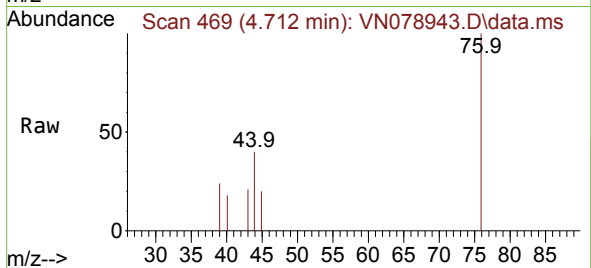
58 24.3 28.0 42.0#



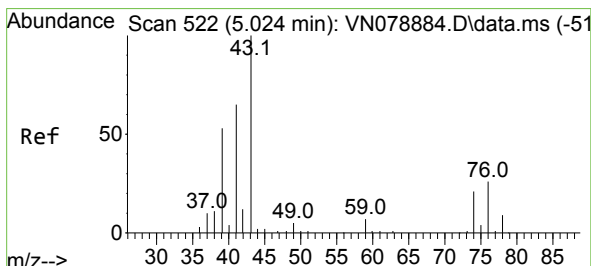
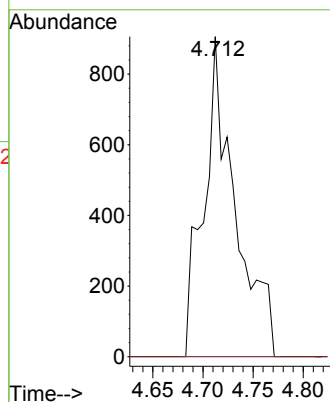
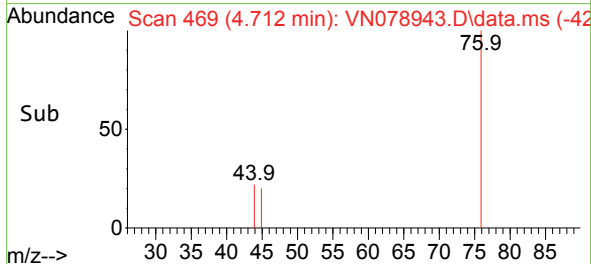


#17
Carbon Disulfide
Concen: 0.435 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

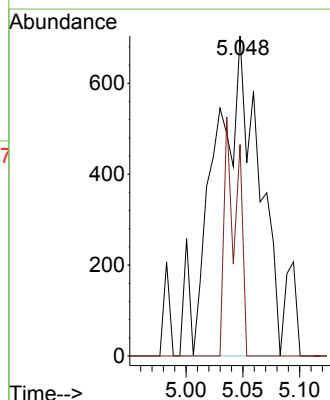
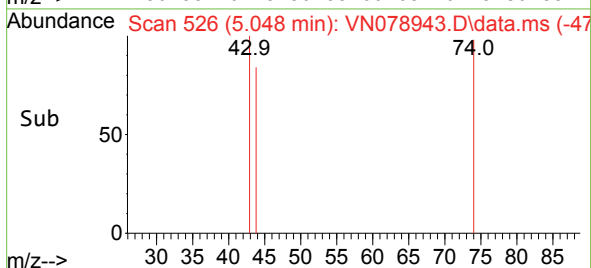
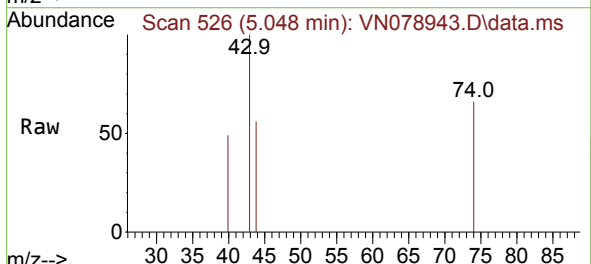


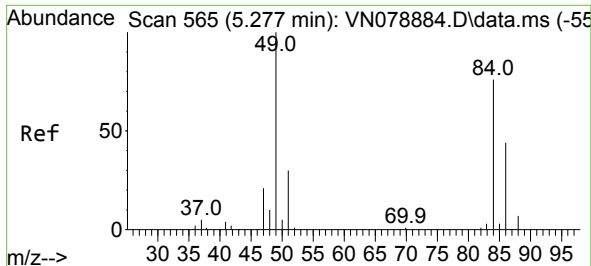
Tgt Ion: 76 Resp: 1970
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

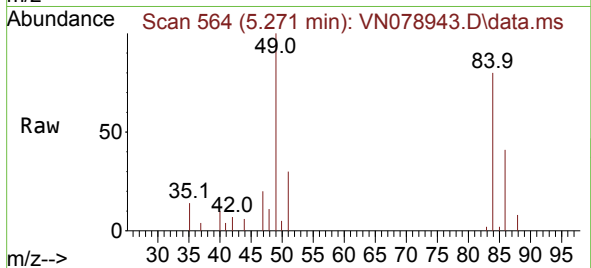
Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
74 22.3 26.2 39.4#



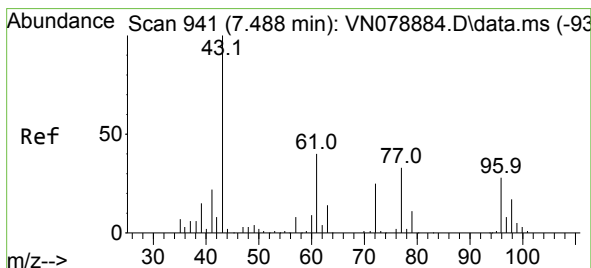
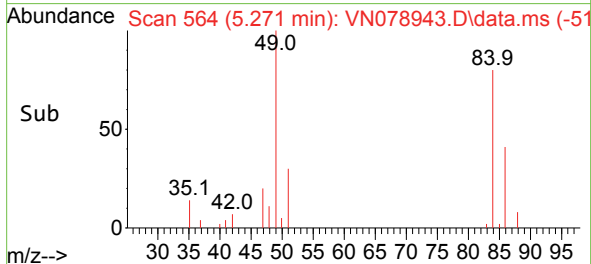
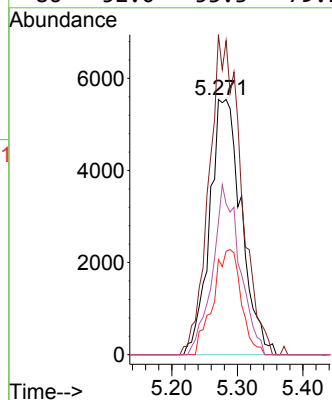


#20
Methylene Chloride
Concen: 9.039 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

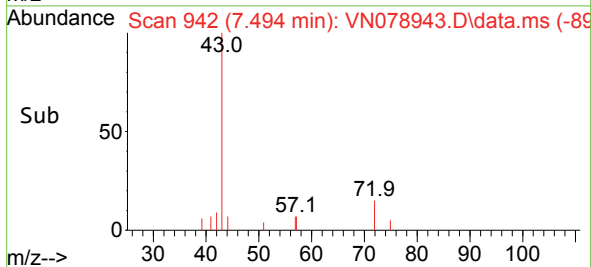
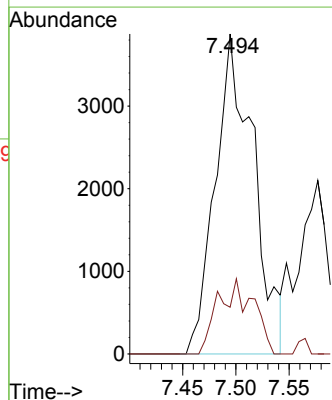
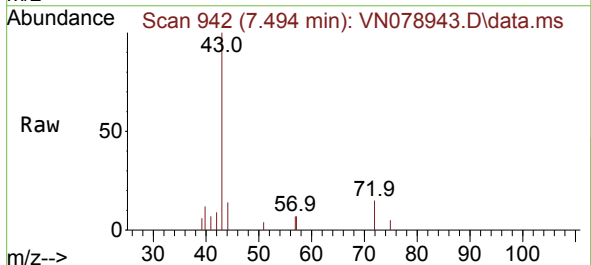


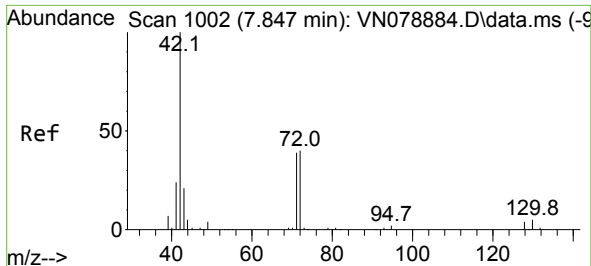
Tgt Ion: 84	Resp: 18622
Ion Ratio	Lower Upper
84	100
49	125.4 79.7 119.5#
51	37.3 25.2 37.8
86	52.0 53.3 79.9#



#25
2-Butanone
Concen: 6.242 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 43	Resp: 9674
Ion Ratio	Lower Upper
43	100
72	14.6 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.682 ug/l

RT: 7.847 min Scan# 10

Delta R.T. 0.000 min

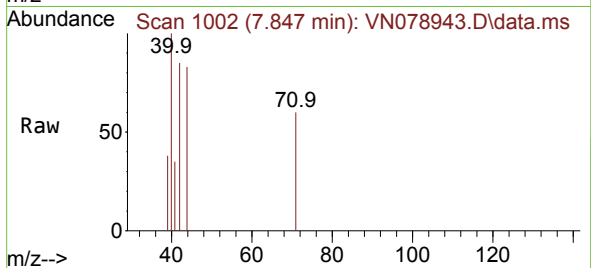
Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

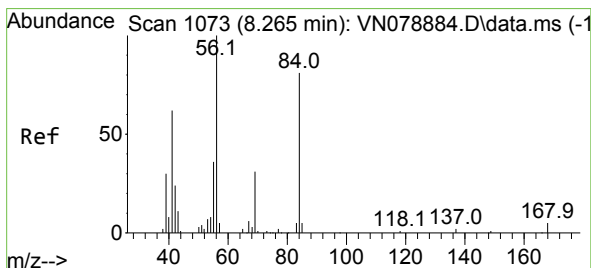
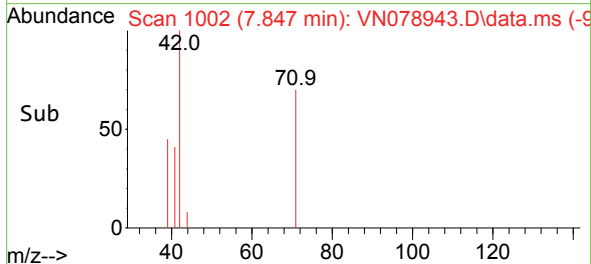
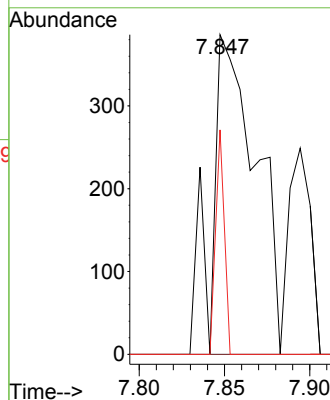
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	700
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	13.7	47.4	71.2#



#31

Cyclohexane

Concen: Below Cal

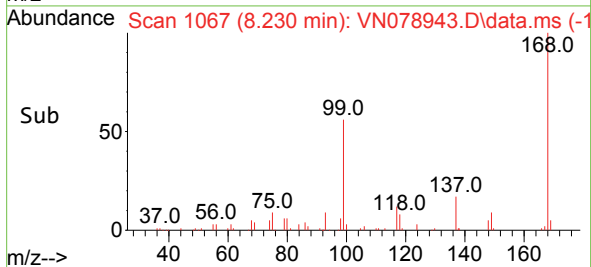
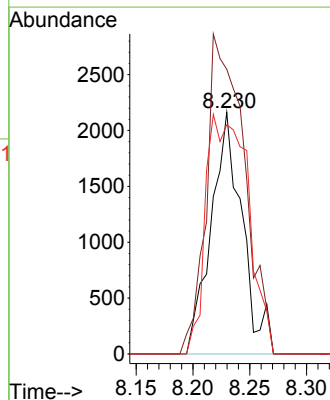
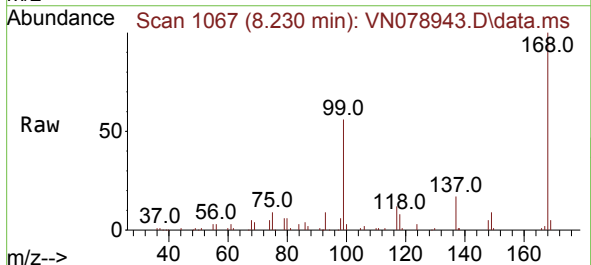
RT: 8.230 min Scan# 1067

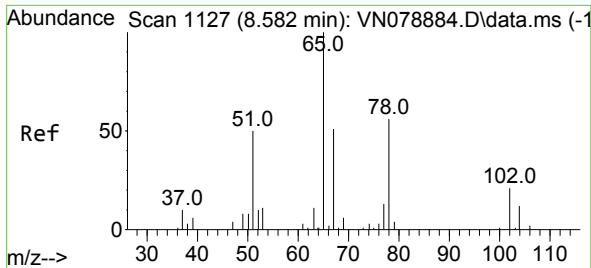
Delta R.T. -0.035 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

Tgt Ion:	56	Resp:	4097
Ion	Ratio	Lower	Upper
56	100		
69	117.9	26.8	40.2#
84	94.9	81.8	122.6

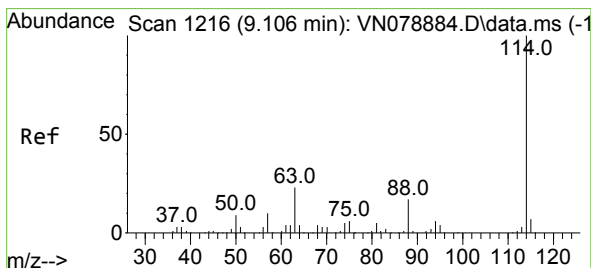
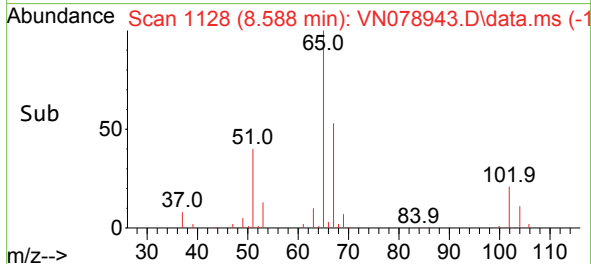
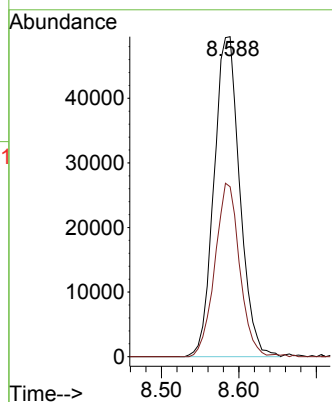
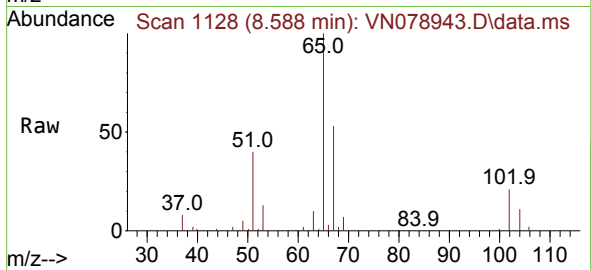




#33
 1,2-Dichloroethane-d4
 Concen: 48.951 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.005 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

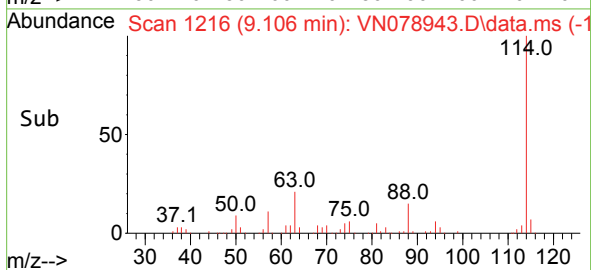
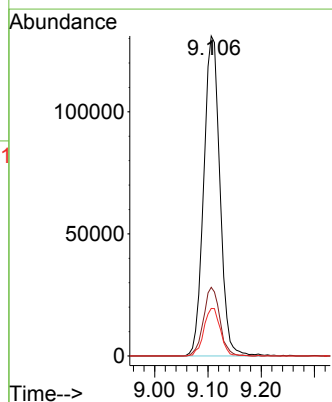
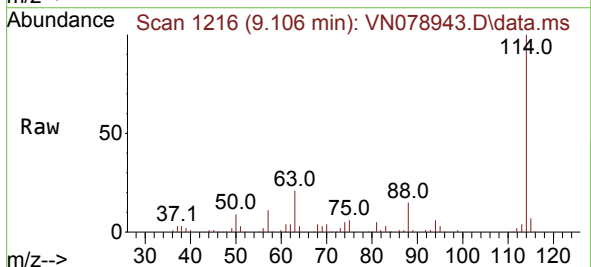
Instrument :
 MSVOA_N
 ClientSampleId :

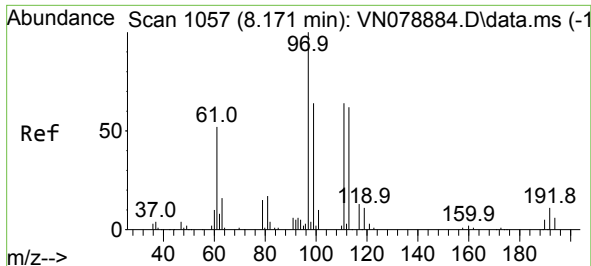
Tgt Ion: 65 Resp: 114690
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

Tgt Ion: 114 Resp: 276796
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 36.4
 88 14.8 0.0 30.6

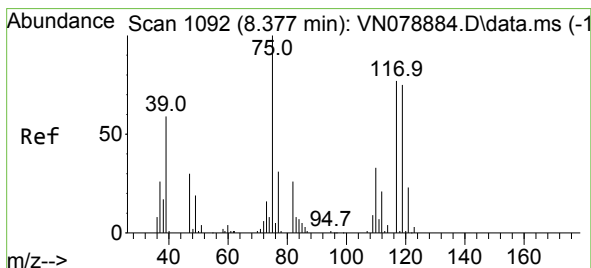
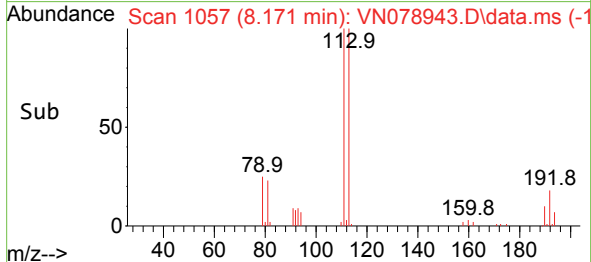
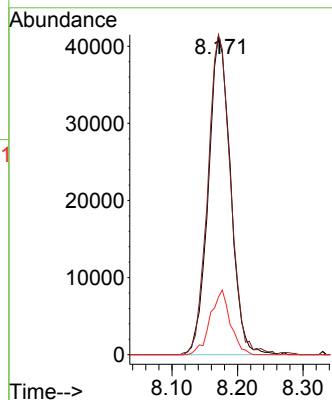
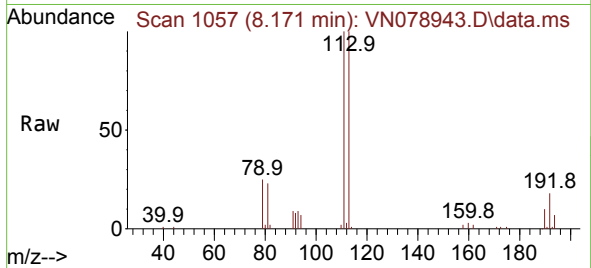




#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

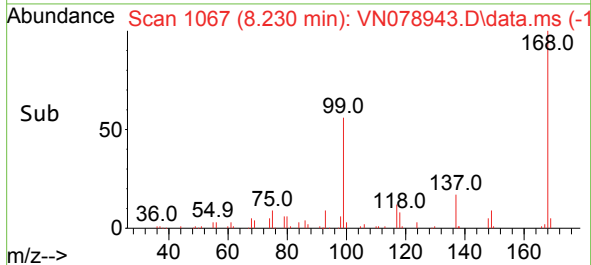
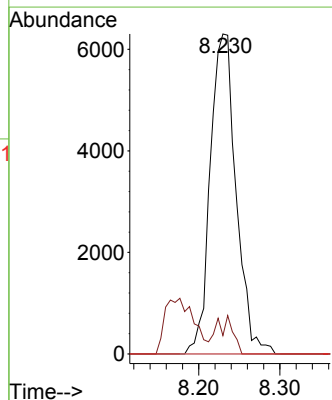
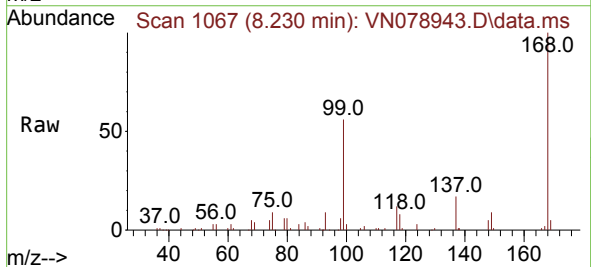
Instrument :
MSVOA_N
ClientSampleId :

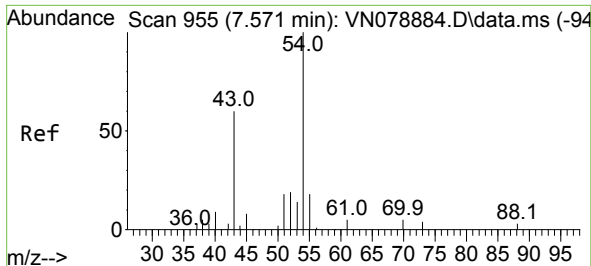
Tgt Ion:113 Resp: 97128
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 75 Resp: 13979
Ion Ratio Lower Upper
75 100
110 1.9 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.555 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

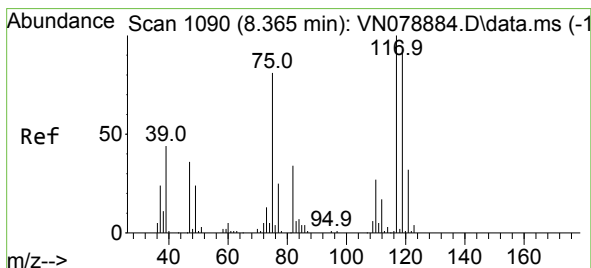
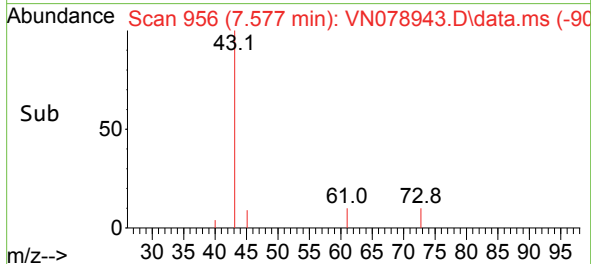
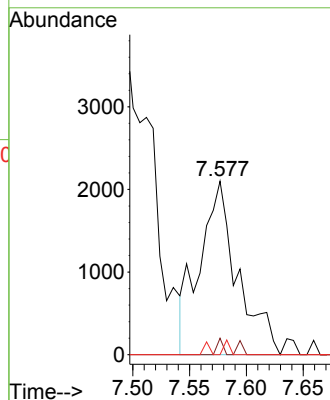
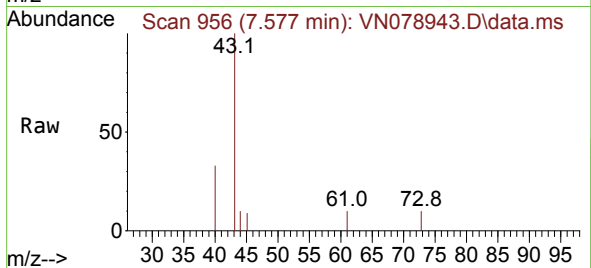
Tgt Ion: 43 Resp: 4876

Ion Ratio Lower Upper

43 100

61 1.5 13.2 19.8#

70 1.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

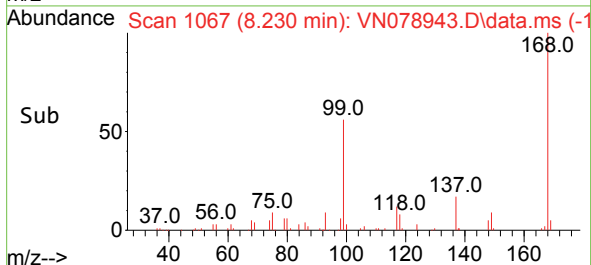
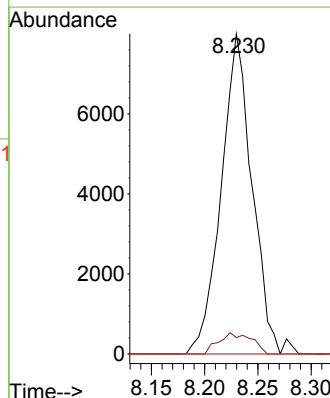
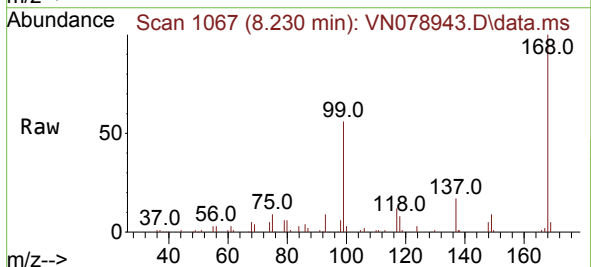
Tgt Ion: 117 Resp: 15998

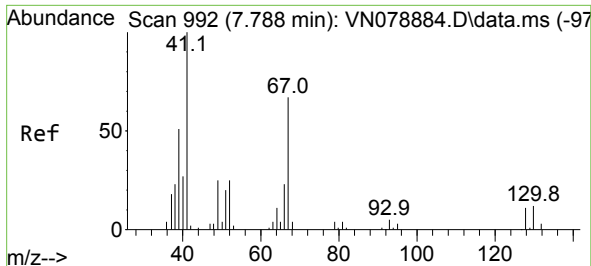
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

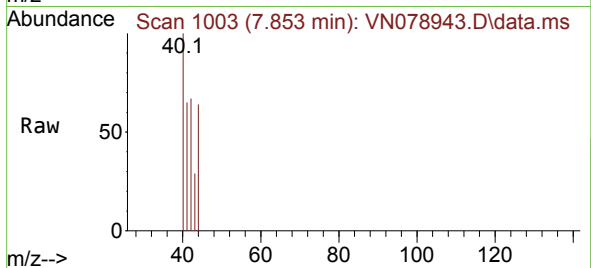
121 0.0 23.3 34.9#



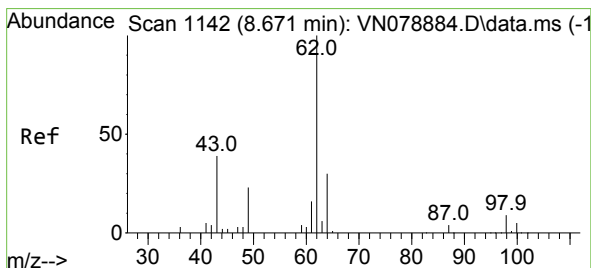
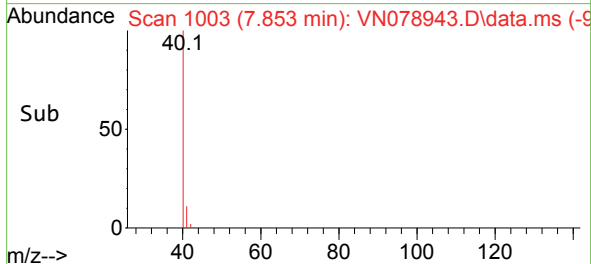
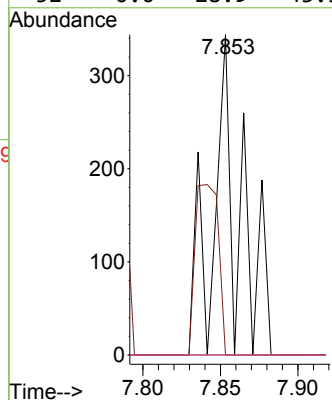


#41
Methacrylonitrile
Concen: 0.242 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.059 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

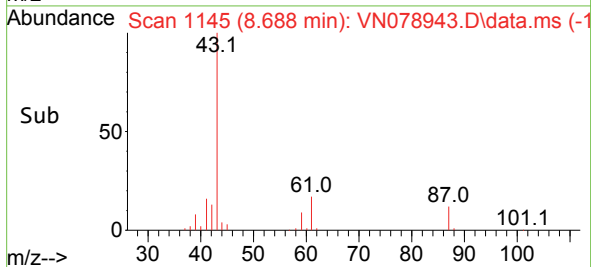
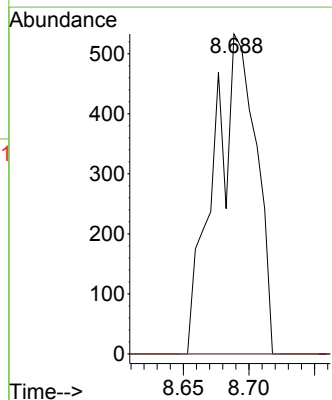
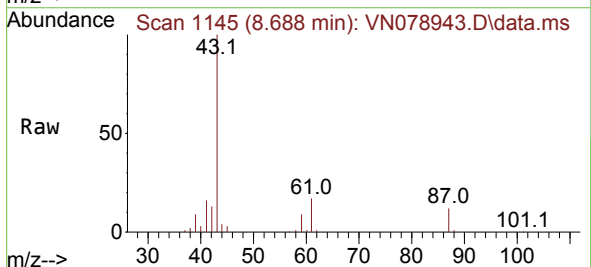


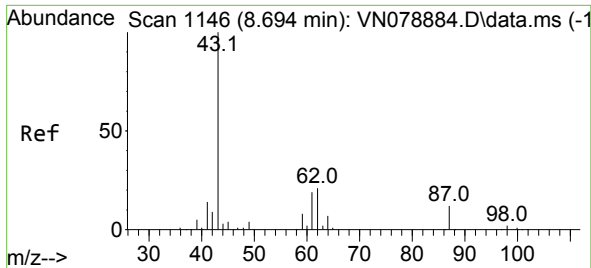
Tgt Ion:	41	Resp:	413
Ion	Ratio	Lower	Upper
41	100		
39	46.0	42.6	64.0
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 0.384 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.011 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion:	62	Resp:	1189
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8

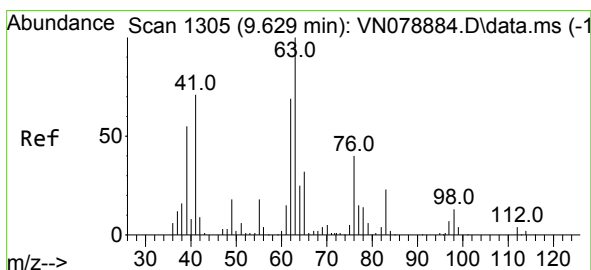
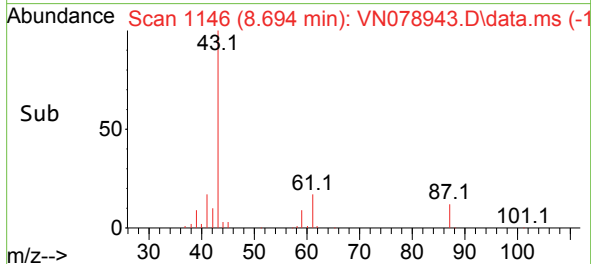
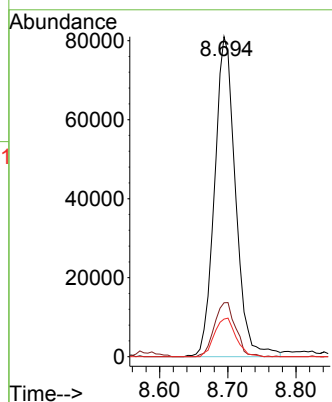
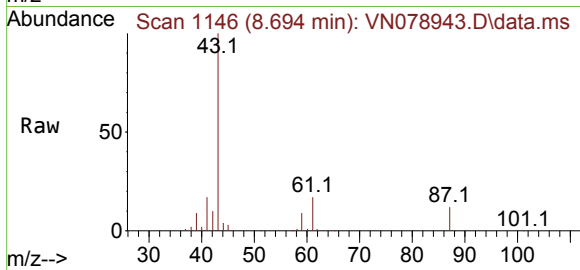




#43
Isopropyl Acetate
Concen: 31.267 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

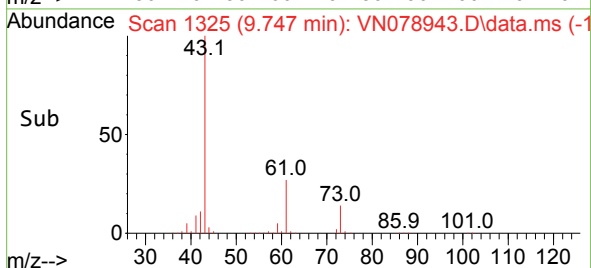
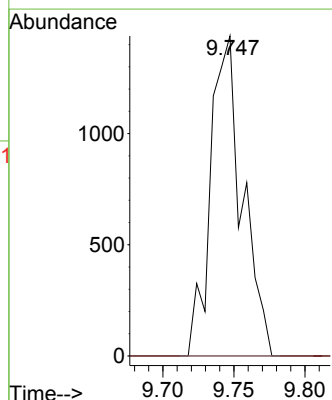
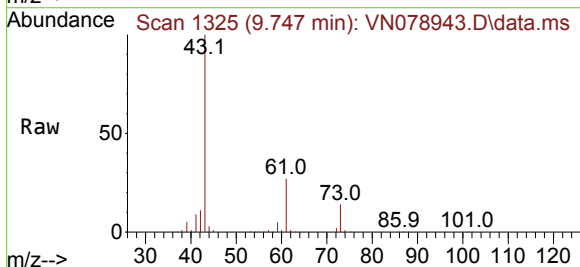
Instrument :
MSVOA_N
ClientSampleId :

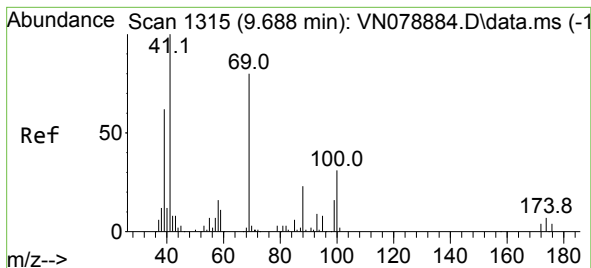
Tgt Ion: 43 Resp: 173304
Ion Ratio Lower Upper
43 100
61 17.2 24.7 37.1#
87 12.4 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 1.016 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.123 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 63 Resp: 2241
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 2.178 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.023 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

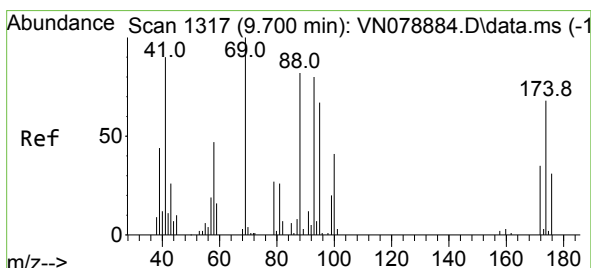
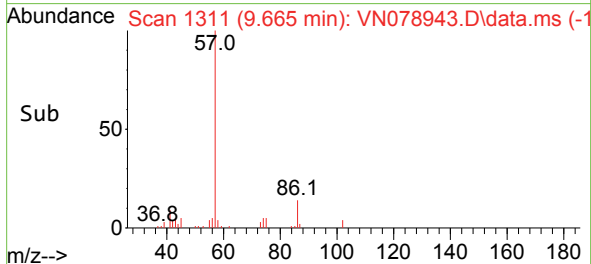
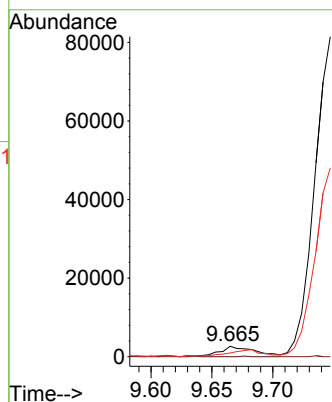
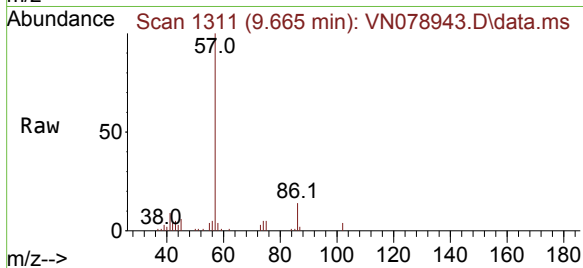
Tgt Ion: 41 Resp: 5471

Ion Ratio Lower Upper

41 100

69 1.0 90.4 135.6#

39 63.1 54.6 81.8



#49

1,4-Dioxane

Concen: 1.543 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

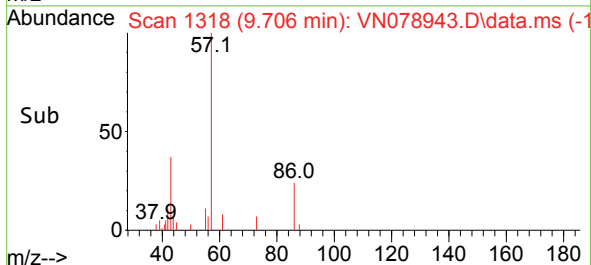
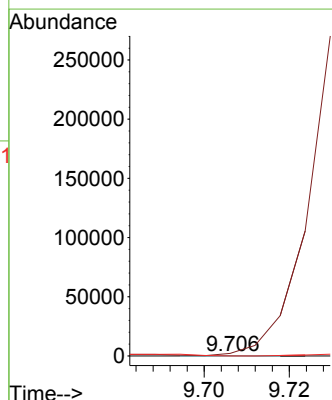
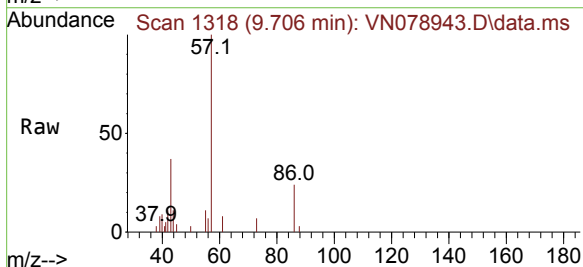
Tgt Ion: 88 Resp: 66

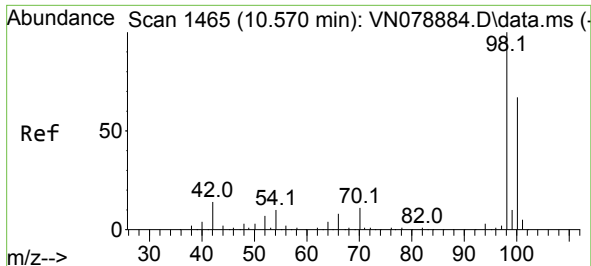
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

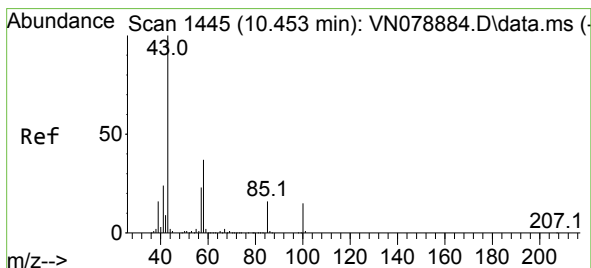
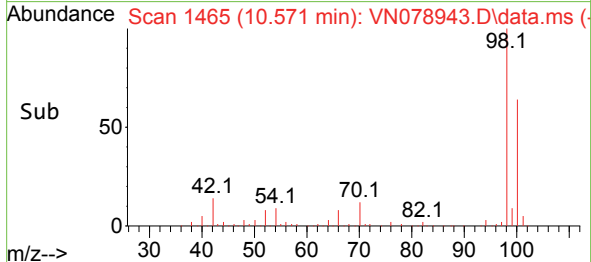
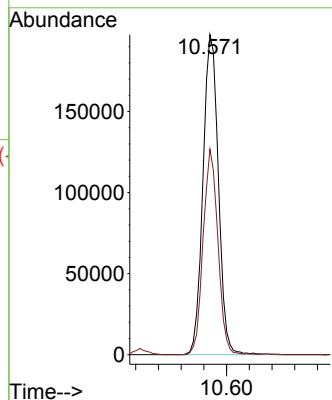
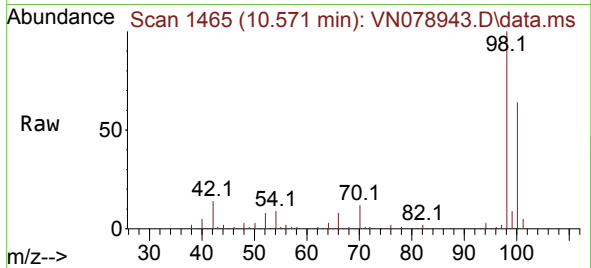




#50
Toluene-d8
Concen: 53.674 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

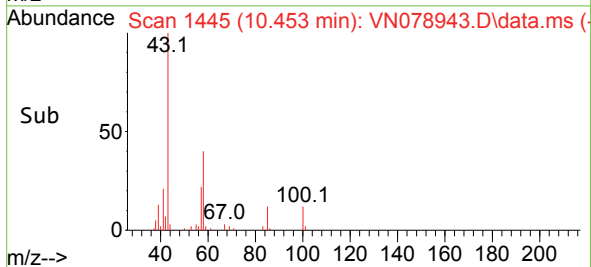
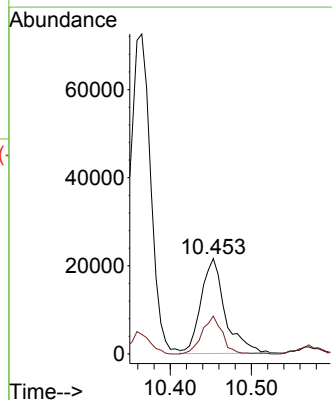
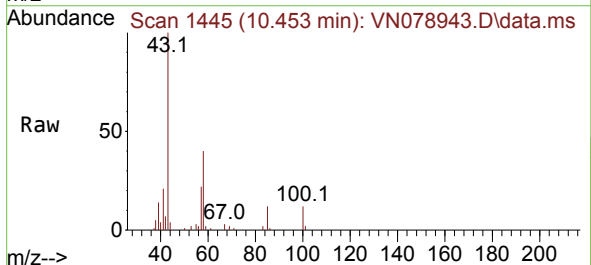
Instrument :
MSVOA_N
ClientSampleId :

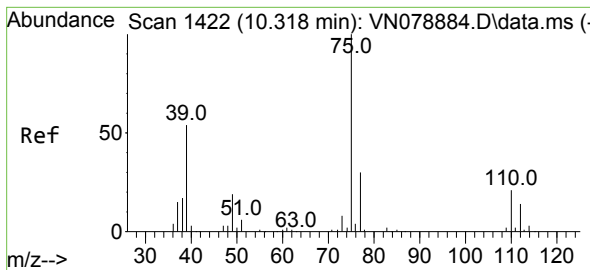
Tgt Ion: 98 Resp: 371340
Ion Ratio Lower Upper
98 100
100 61.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.603 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 43 Resp: 44720
Ion Ratio Lower Upper
43 100
58 33.8 36.6 54.8#

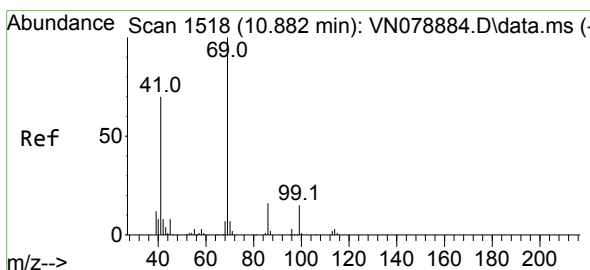
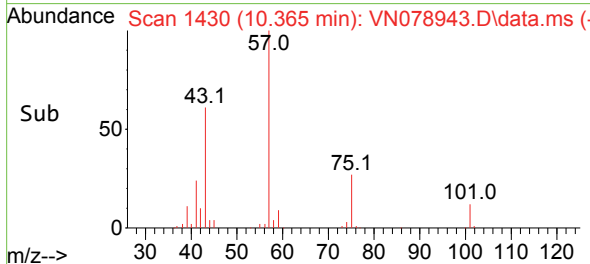
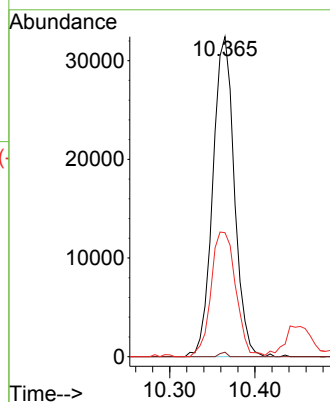
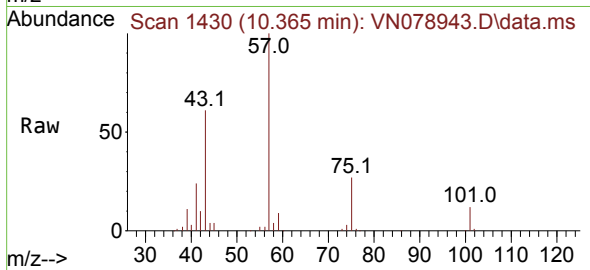




#54
 cis-1,3-Dichloropropene
 Concen: 16.300 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

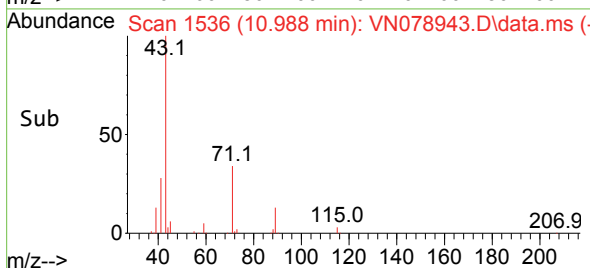
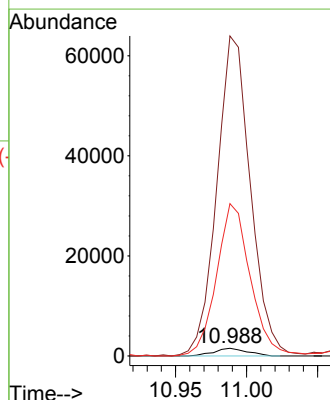
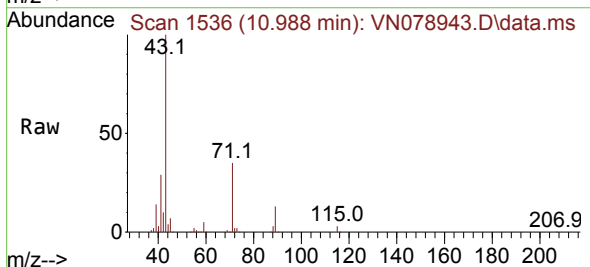
Instrument :
 MSVOA_N
 ClientSampleId :

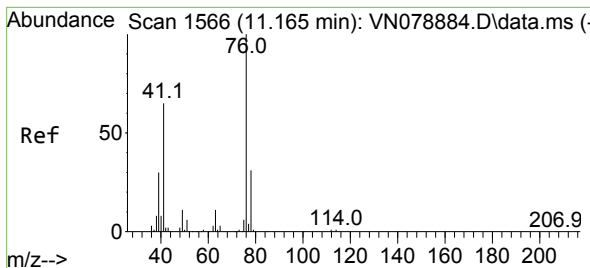
Tgt Ion: 75 Resp: 56873
 Ion Ratio Lower Upper
 75 100
 77 1.4 26.1 39.1#
 39 38.8 31.6 47.4



#56
 Ethyl methacrylate
 Concen: 0.796 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.111 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

Tgt Ion: 69 Resp: 2517
 Ion Ratio Lower Upper
 69 100
 41 4190.5 39.6 59.4#
 39 2004.4 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 2.022 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

Instrument :

MSVOA_N

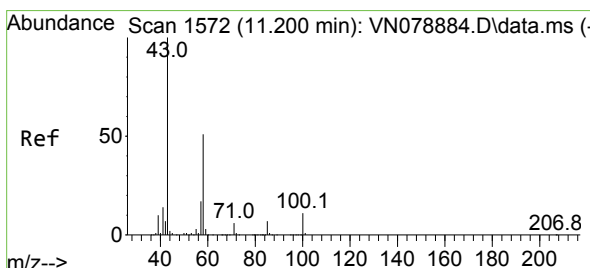
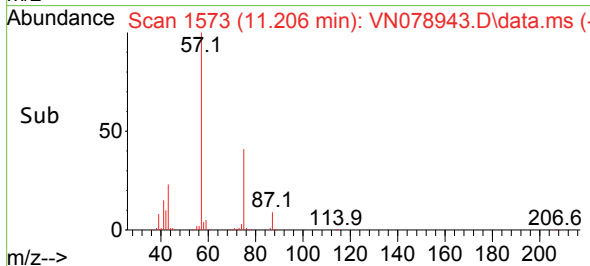
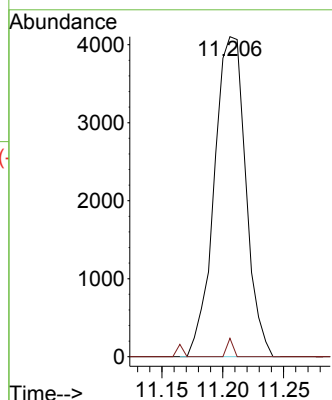
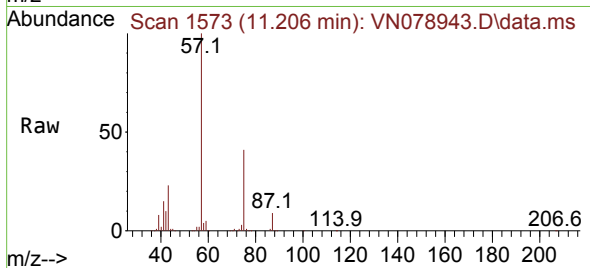
ClientSampleId :

Tgt Ion: 76 Resp: 7375

Ion Ratio Lower Upper

76 100

78 1.1 26.1 39.1#



#59

2-Hexanone

Concen: 71.697 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.023 min

Lab File: VN078943.D

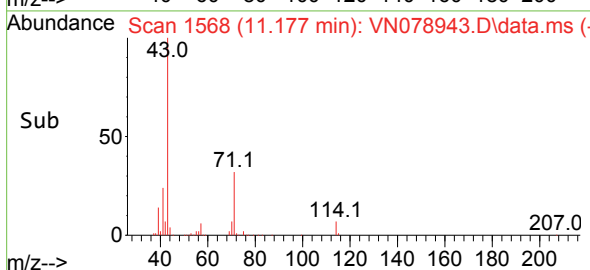
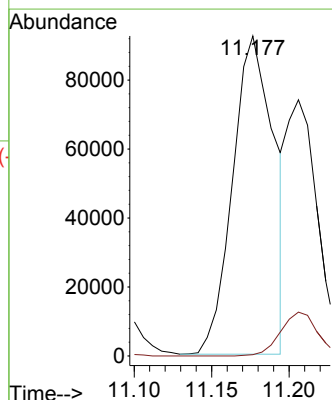
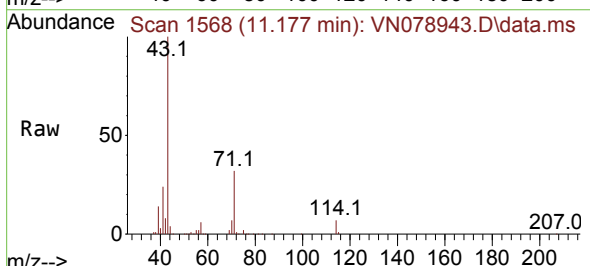
Acq: 18 Aug 2023 15:34

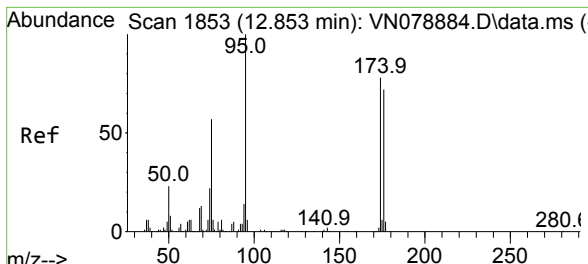
Tgt Ion: 43 Resp: 170716

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

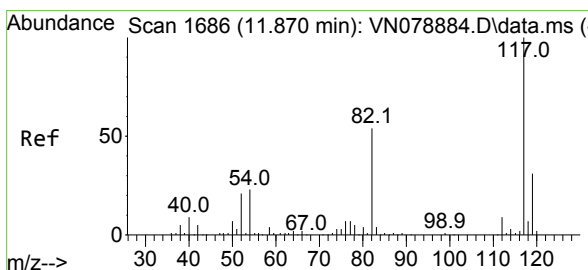
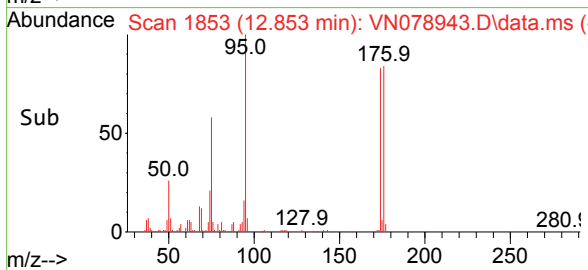
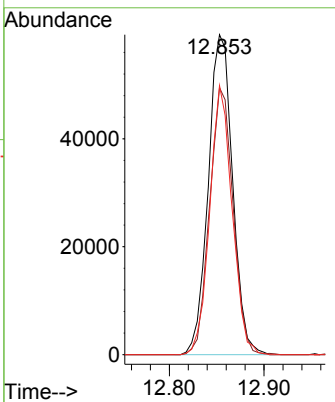
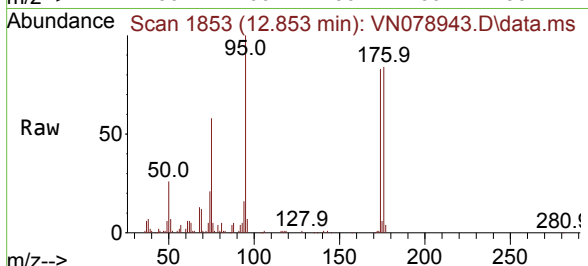




#62
 4-Bromofluorobenzene
 Concen: 46.846 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

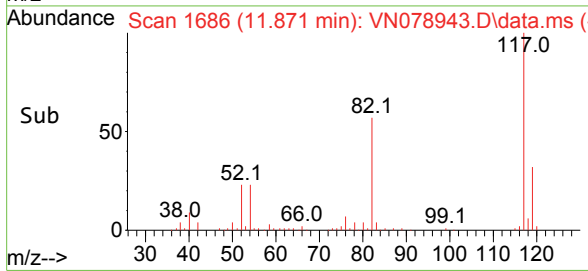
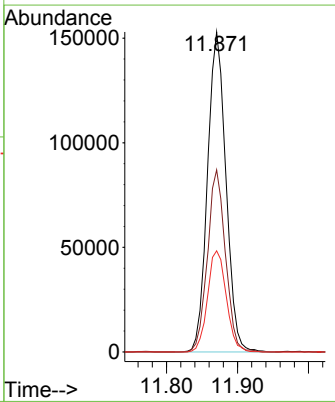
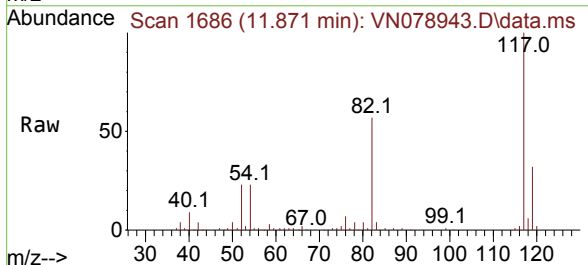
Instrument :
 MSVOA_N
 ClientSampleId :

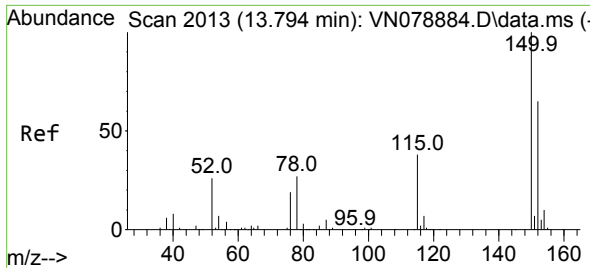
Tgt Ion:	95	Resp:	105935
Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	143.8
176	77.3	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

Tgt Ion:	117	Resp:	274905
Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.0	66.0
119	31.6	25.6	38.4

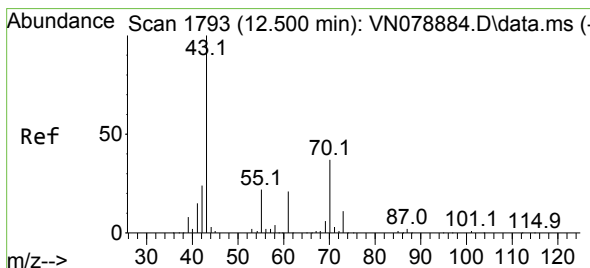
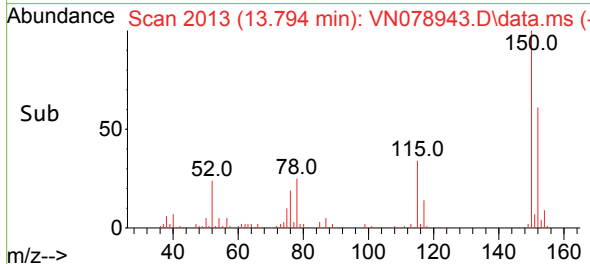
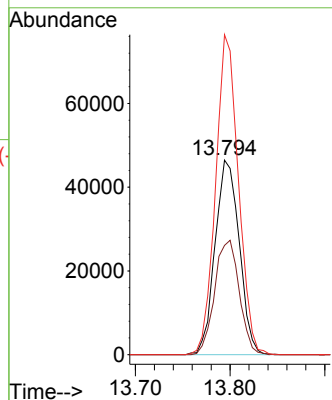
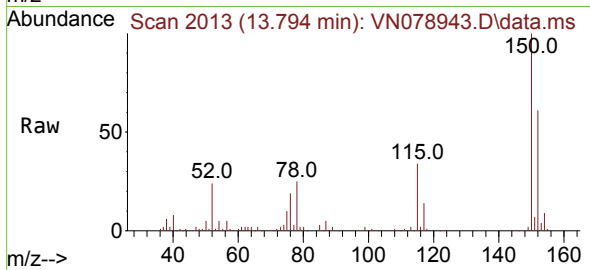




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

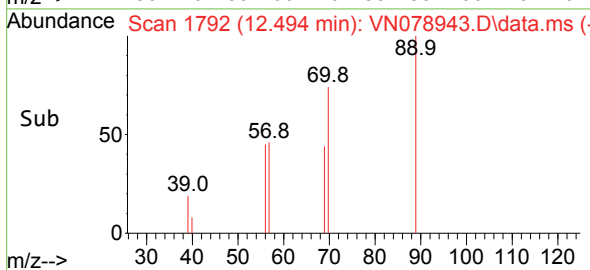
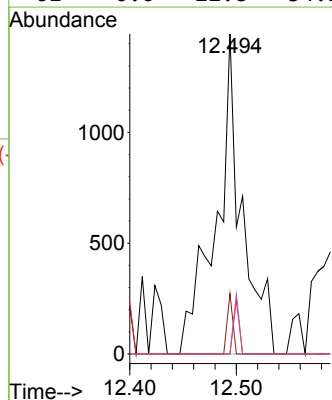
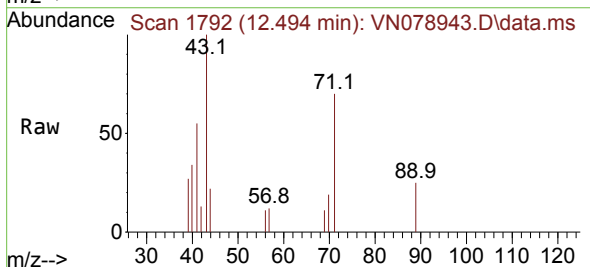
Instrument :
 MSVOA_N
 ClientSampleId :

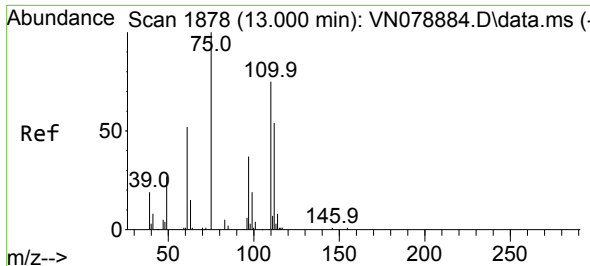
Tgt Ion:152 Resp: 82436
 Ion Ratio Lower Upper
 152 100
 115 59.9 32.3 96.8
 150 155.1 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.700 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. -0.006 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

Tgt Ion: 43 Resp: 2429
 Ion Ratio Lower Upper
 43 100
 70 4.0 43.4 65.2#
 55 3.5 21.4 32.0#
 61 0.0 22.8 34.2#

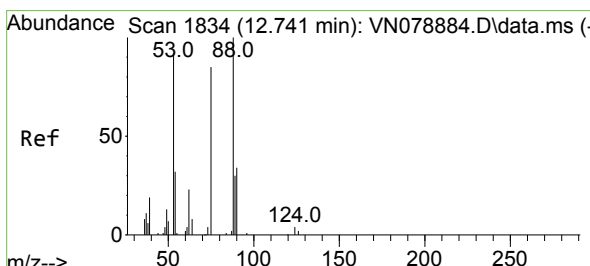
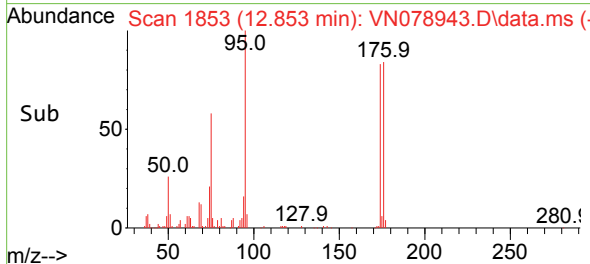
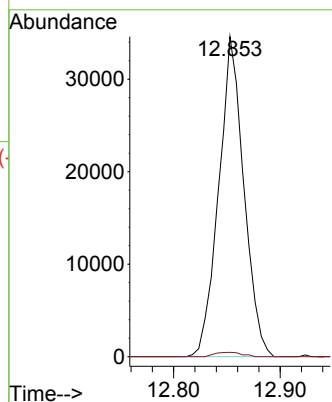
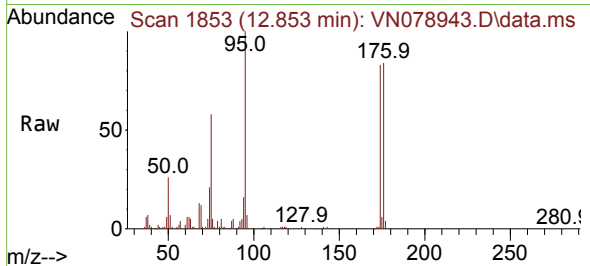




#76
1,2,3-Trichloropropane
Concen: 28.497 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

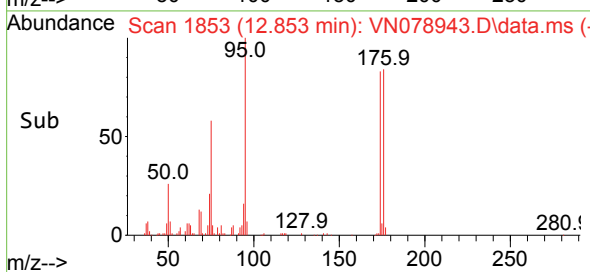
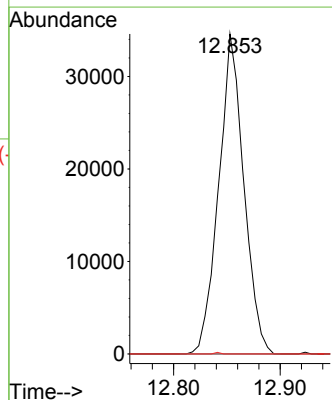
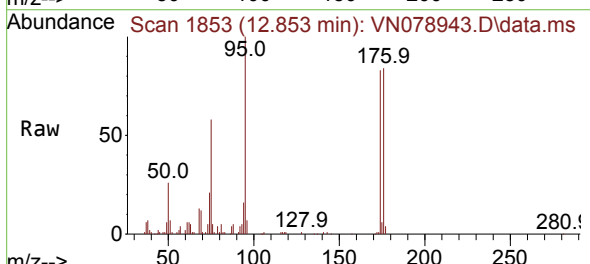
Instrument :
MSVOA_N
ClientSampleId :

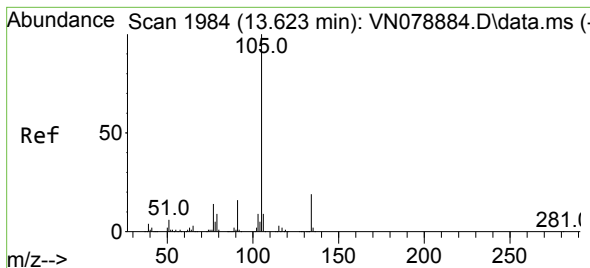
Tgt Ion: 75 Resp: 56604
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.798 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 75 Resp: 56604
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#85

sec-Butylbenzene

Concen: 0.259 ug/l

RT: 13.629 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

Instrument :

MSVOA_N

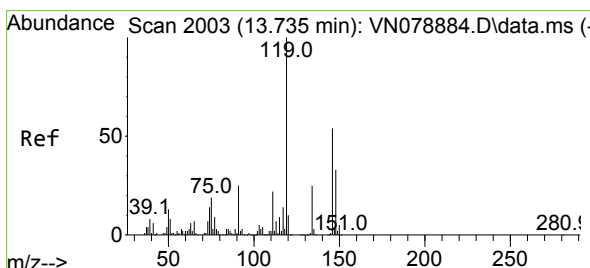
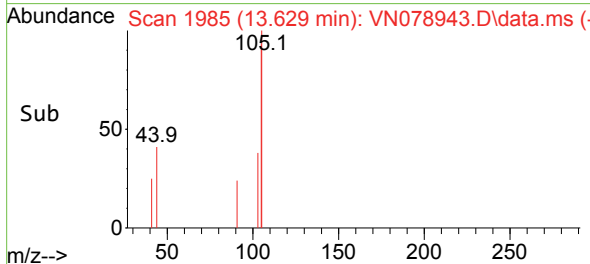
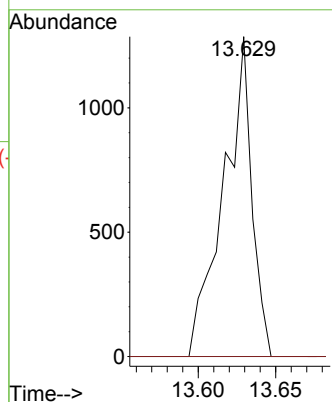
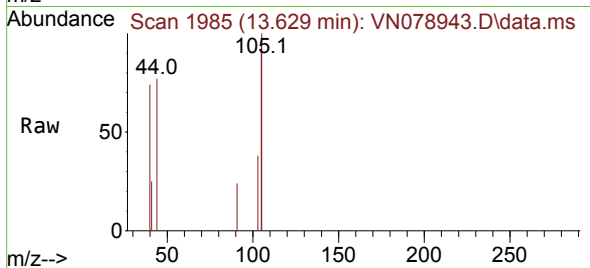
ClientSampleId :

Tgt Ion:105 Resp: 1632

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.309 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

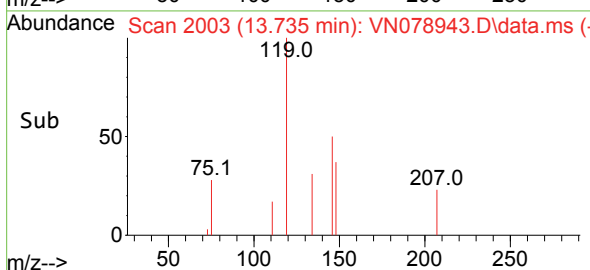
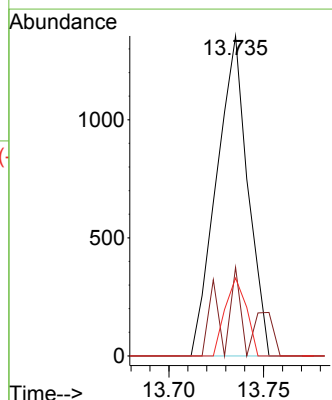
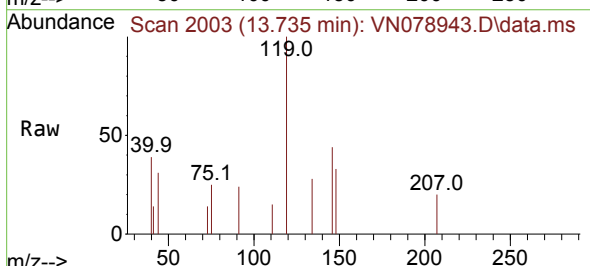
Tgt Ion:119 Resp: 1555

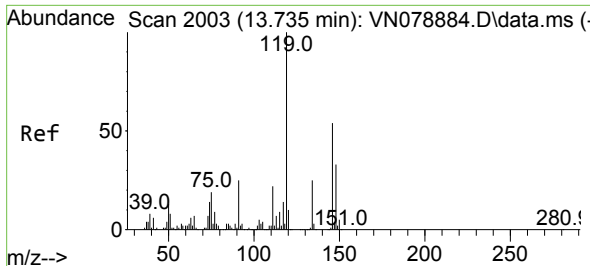
Ion Ratio Lower Upper

119 100

134 7.3 12.6 37.8#

91 16.6 12.4 37.2

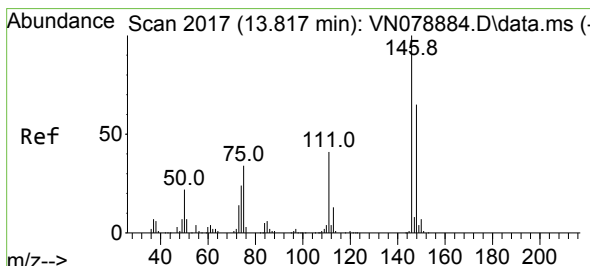
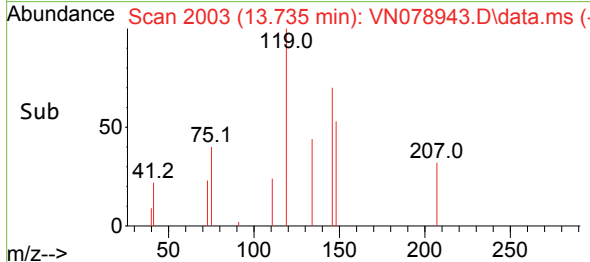
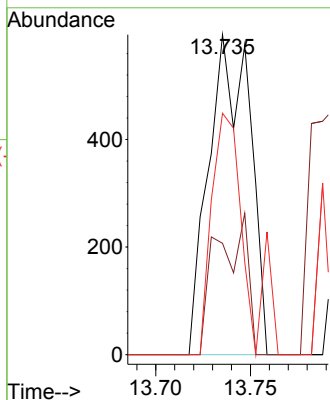
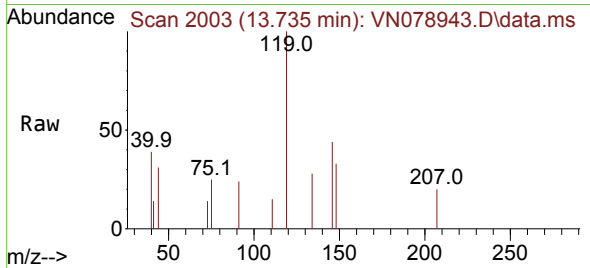




#87
 1,3-Dichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

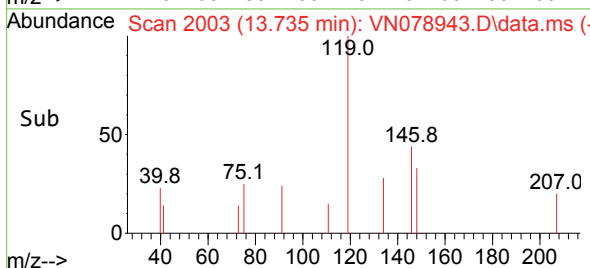
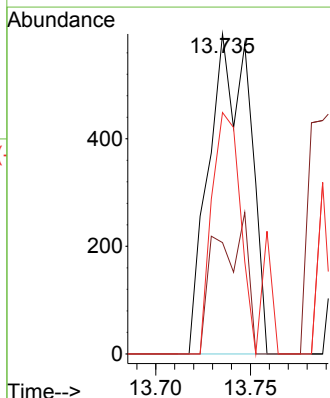
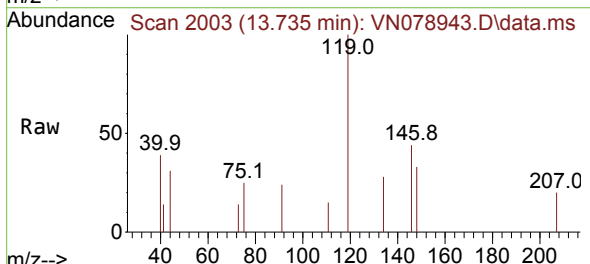
Instrument :
 MSVOA_N
 ClientSampleId :

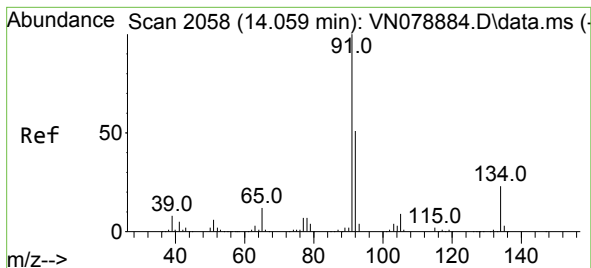
Tgt Ion:146 Resp: 896
 Ion Ratio Lower Upper
 146 100
 111 33.1 22.1 66.3
 148 52.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.083 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

Tgt Ion:146 Resp: 896
 Ion Ratio Lower Upper
 146 100
 111 33.1 20.6 61.8
 148 52.3 31.6 94.8





#89

n-Butylbenzene

Concen: 0.454 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078943.D

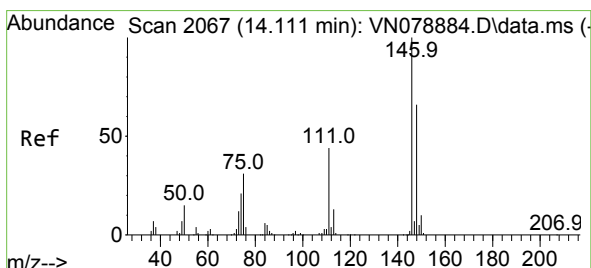
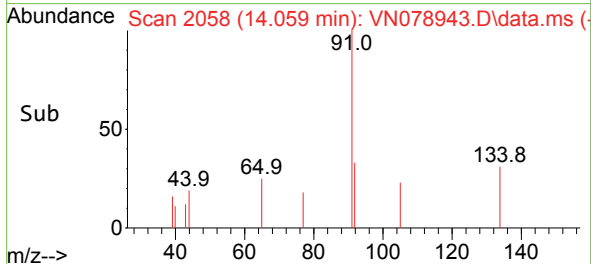
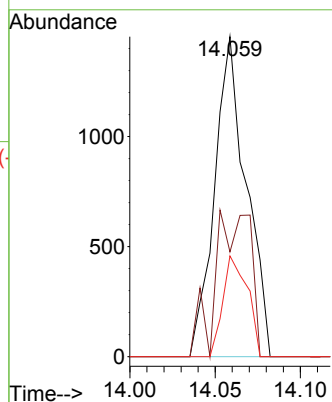
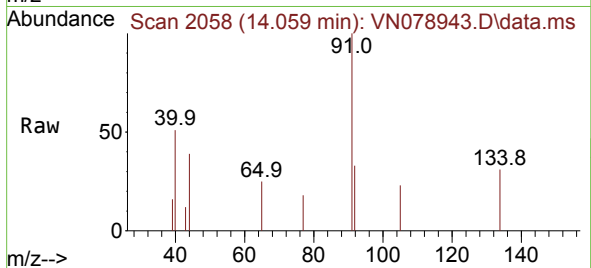
Acq: 18 Aug 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	1882
Ion Ratio	Lower	Upper
91	100	
92	51.4	26.4 79.0
134	24.3	12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.239 ug/l

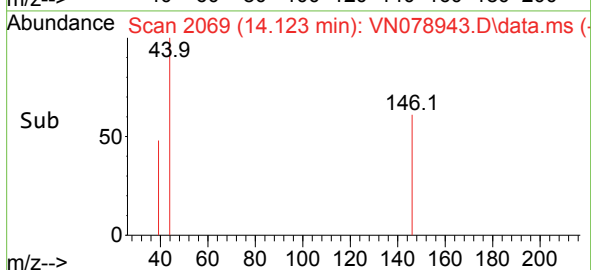
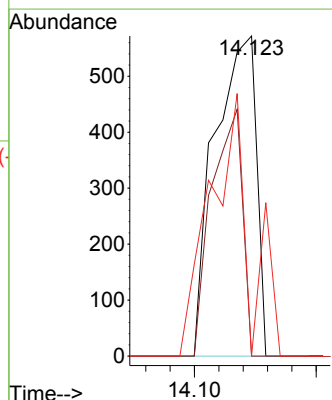
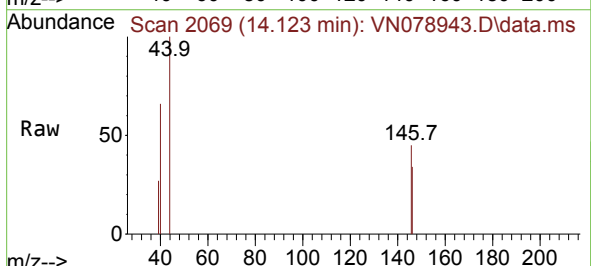
RT: 14.123 min Scan# 2069

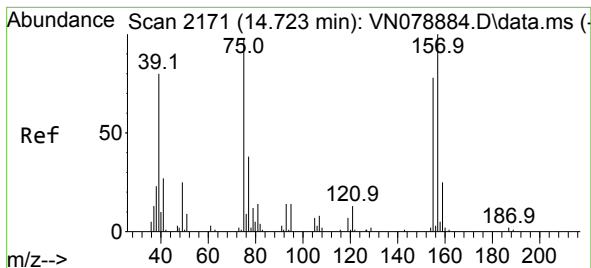
Delta R.T. 0.011 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

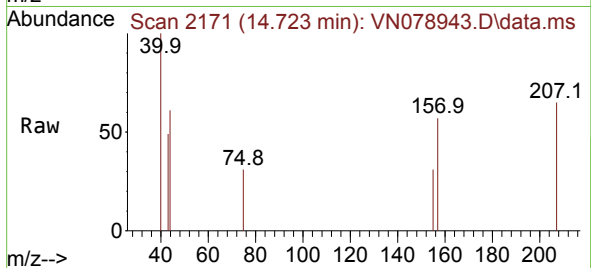
Tgt Ion: 146	Resp:	677
Ion Ratio	Lower	Upper
146	100	
111	57.0	22.0 66.0
148	77.5	31.8 95.3



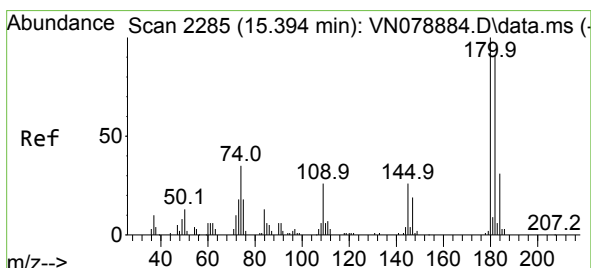
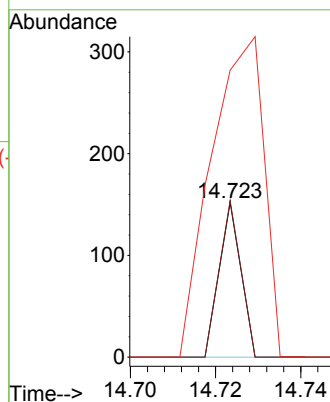
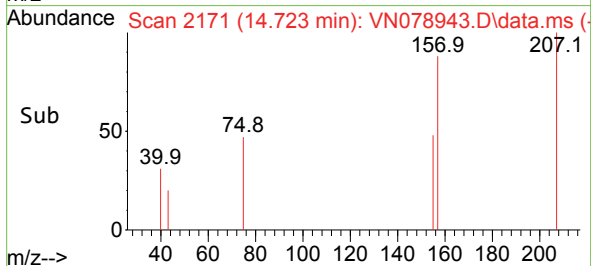


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

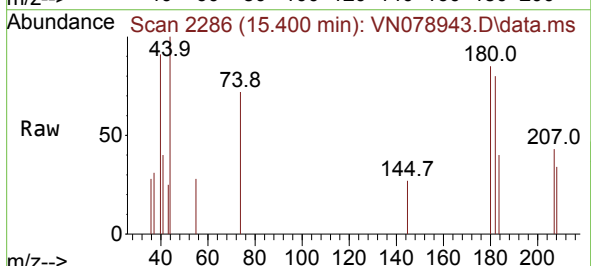
Instrument :
MSVOA_N
ClientSampleId :



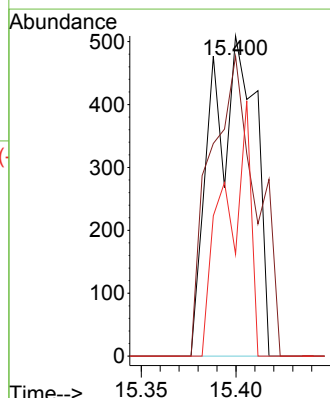
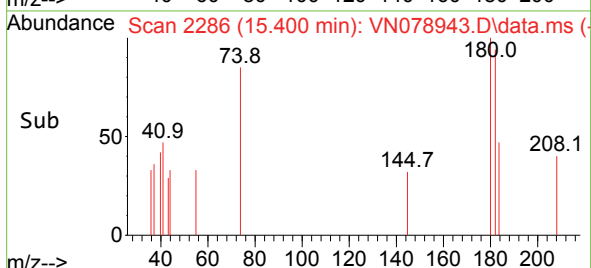
Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
155 100.0 39.1 117.2
157 500.0 50.3 150.9#

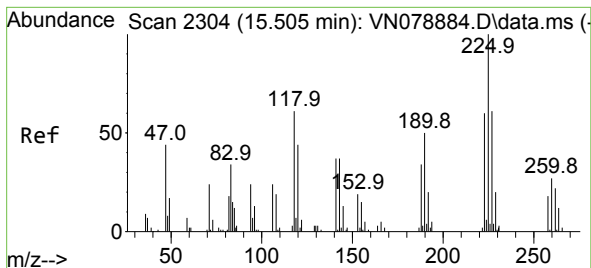


#93
1,2,4-Trichlorobenzene
Concen: 0.813 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34



Tgt Ion: 180 Resp: 815
Ion Ratio Lower Upper
180 100
182 98.5 46.1 138.2
145 46.3 16.6 49.8





#94

Hexachlorobutadiene

Concen: 0.526 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

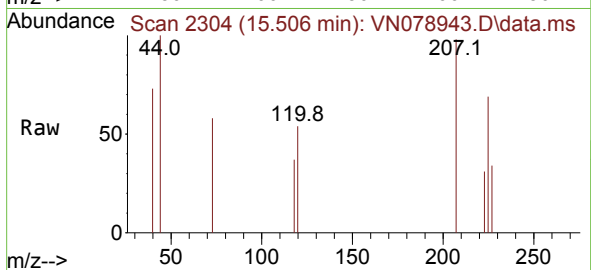
Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

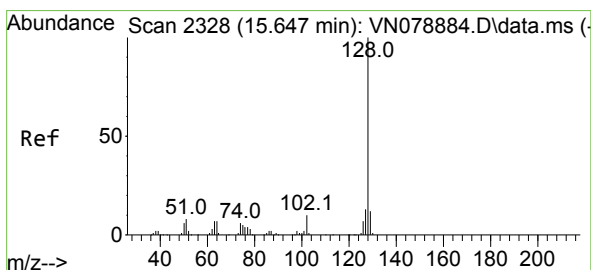
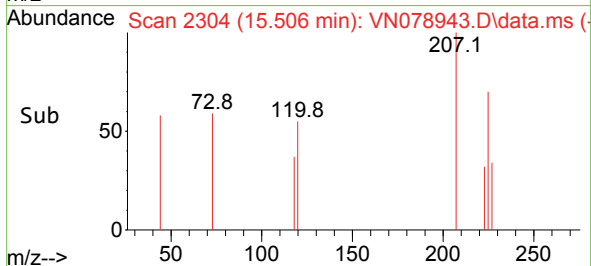
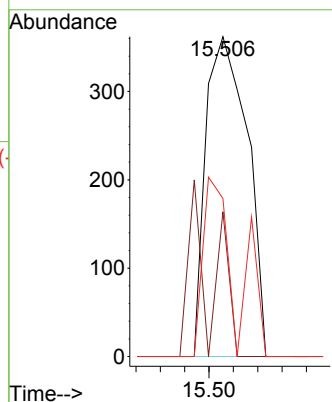
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	225	Resp:	427
Ion Ratio	Lower	Upper	
225	100		
223	30.0	31.3	93.8#
227	44.7	31.9	95.9



#95

Naphthalene

Concen: 3.392 ug/l

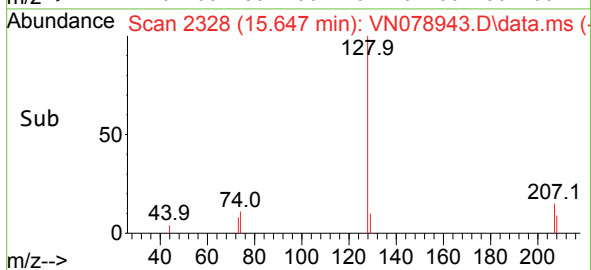
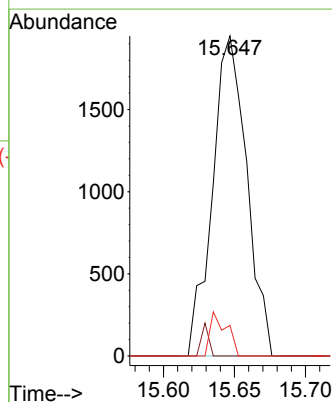
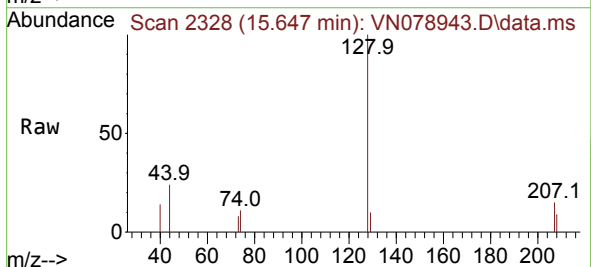
RT: 15.647 min Scan# 2328

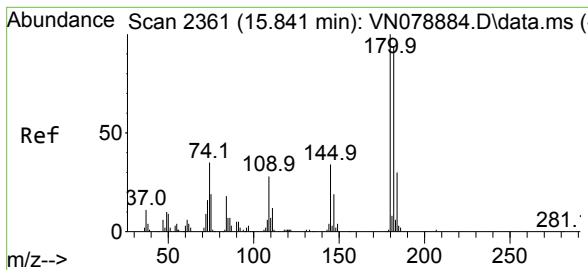
Delta R.T. -0.000 min

Lab File: VN078943.D

Acq: 18 Aug 2023 15:34

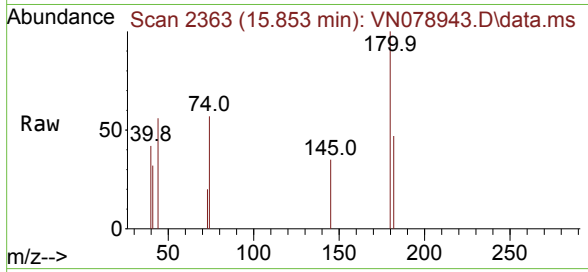
Tgt Ion:	128	Resp:	3274
Ion Ratio	Lower	Upper	
128	100		
127	2.2	10.0	15.0#
129	6.6	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.074 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078943.D
 Acq: 18 Aug 2023 15:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1179
Ion	Ratio	Lower	Upper
180	100		
182	79.8	46.2	138.6
145	15.3	17.5	52.6#

