

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078148.D
 Acq On : 09 Jun 2023 16:10
 Operator : JC\MD
 Sample : 03123-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:09:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	761519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	658460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	276098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288651	51.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.300%
35) Dibromofluoromethane	8.177	113	241327	50.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	10.571	98	937677	50.515	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.853	95	304768	52.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	212866	44.496	ug/l	97
3) Chloromethane	2.371	50	236352	52.611	ug/l	97
4) Vinyl Chloride	2.524	62	297692	47.521	ug/l	97
5) Bromomethane	2.953	94	218134	46.076	ug/l	99
6) Chloroethane	3.124	64	212670	49.801	ug/l	99
7) Trichlorofluoromethane	3.506	101	401953	47.317	ug/l	95
8) Diethyl Ether	3.977	74	143002	47.909	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	218982	48.845	ug/l	96
10) Methyl Iodide	4.600	142	306199	48.295	ug/l	99
11) Tert butyl alcohol	5.536	59	167750	215.302	ug/l	100
12) 1,1-Dichloroethene	4.353	96	210637	45.578	ug/l	89
13) Acrolein	4.189	56	195007	227.092	ug/l	96
14) Allyl chloride	5.036	41	275114	48.767	ug/l	91
15) Acrylonitrile	5.730	53	518668	258.205	ug/l	98
16) Acetone	4.442	43	389533	239.834	ug/l	97
17) Carbon Disulfide	4.718	76	537256	45.165	ug/l	96
18) Methyl Acetate	5.036	43	363928	48.669	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	726201	49.250	ug/l	96
20) Methylene Chloride	5.283	84	250390	46.652	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	237961	47.740	ug/l	87
22) Diisopropyl ether	6.683	45	696932	52.519	ug/l	94
23) Vinyl Acetate	6.612	43	2032751	257.694	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	443824	50.700	ug/l	97
25) 2-Butanone	7.494	43	637259	255.145	ug/l	90
26) 2,2-Dichloropropane	7.500	77	358995	55.541	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	288140	48.462	ug/l	94
28) Bromochloromethane	7.818	49	180505	44.910	ug/l	91
29) Tetrahydrofuran	7.847	42	430436	257.795	ug/l	86
30) Chloroform	7.971	83	484567	51.406	ug/l	93
31) Cyclohexane	8.265	56	357923	49.448	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	426038	51.481	ug/l	96
36) 1,1-Dichloropropene	8.377	75	357369	51.744	ug/l	96
37) Ethyl Acetate	7.571	43	275916	51.139	ug/l #	94
38) Carbon Tetrachloride	8.371	117	380507	52.177	ug/l	99
39) Methylcyclohexane	9.606	83	370527	51.768	ug/l	93
40) Benzene	8.612	78	1059508	51.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	157235	53.765	ug/l	91
42) 1,2-Dichloroethane	8.677	62	364641	51.579	ug/l	98
43) Isopropyl Acetate	8.694	43	476390	46.169	ug/l	96
44) Trichloroethene	9.359	130	269642	49.519	ug/l	98
45) 1,2-Dichloropropane	9.629	63	268794	52.396	ug/l	100
46) Dibromomethane	9.718	93	189543	50.162	ug/l	95
47) Bromodichloromethane	9.894	83	380993	54.281	ug/l	99
48) Methyl methacrylate	9.688	41	231269	53.409	ug/l	89
49) 1,4-Dioxane	9.700	88	83885	921.702	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1452469	267.314	ug/l	93
52) Toluene	10.635	92	668512	51.352	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	394852	54.017	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	417440	51.661	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	262345	53.272	ug/l	91
56) Ethyl methacrylate	10.882	69	383302	53.454	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	441671	53.133	ug/l	100
59) 2-Hexanone	11.200	43	1005025	265.645	ug/l	93
60) Dibromochloromethane	11.365	129	291495	54.092	ug/l	99
61) 1,2-Dibromoethane	11.476	107	265816	51.434	ug/l	100
64) Tetrachloroethene	11.106	164	225191	51.264	ug/l	96
65) Chlorobenzene	11.900	112	713935	50.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	270956	52.243	ug/l	98
67) Ethyl Benzene	11.970	91	1288577	52.959	ug/l	99
68) m/p-Xylenes	12.076	106	972626	104.890	ug/l	98
69) o-Xylene	12.400	106	480797	52.800	ug/l	96
70) Styrene	12.418	104	767018	53.504	ug/l	98
71) Bromoform	12.582	173	181680	54.281	ug/l #	100
73) Isopropylbenzene	12.700	105	1193642	45.718	ug/l	99
74) N-amyl acetate	12.500	43	394601	45.896	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	370112	51.620	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	446429	68.397	ug/l	71
77) Bromobenzene	12.988	156	271359	44.773	ug/l	99
78) n-propylbenzene	13.041	91	1376505	48.526	ug/l	98
79) 2-Chlorotoluene	13.129	91	837597	45.744	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	979735	46.349	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	102454	48.226	ug/l	91
82) 4-Chlorotoluene	13.229	91	804824	47.096	ug/l	99
83) tert-Butylbenzene	13.441	119	848300	46.167	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	983598	47.995	ug/l	99
85) sec-Butylbenzene	13.623	105	1124189	46.744	ug/l	100
86) p-Isopropyltoluene	13.735	119	937525	48.038	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	473717	46.208	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	452072	45.698	ug/l	99
89) n-Butylbenzene	14.059	91	739938	48.068	ug/l	98
90) Hexachloroethane	14.335	117	169725	49.005	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	464110	46.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61437	47.507	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	174414	48.857	ug/l	99
94) Hexachlorobutadiene	15.506	225	91290	52.292	ug/l	98
95) Naphthalene	15.647	128	527382	43.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	174976	43.825	ug/l	97

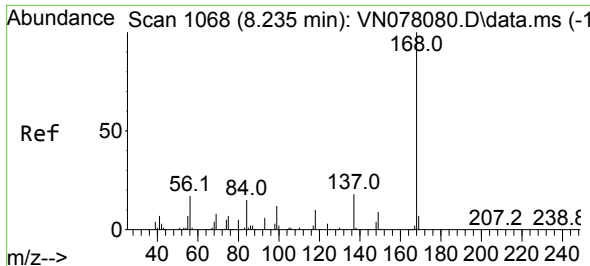
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

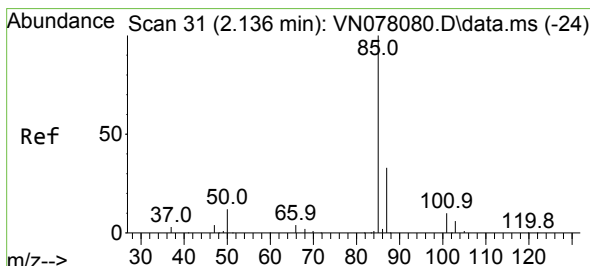
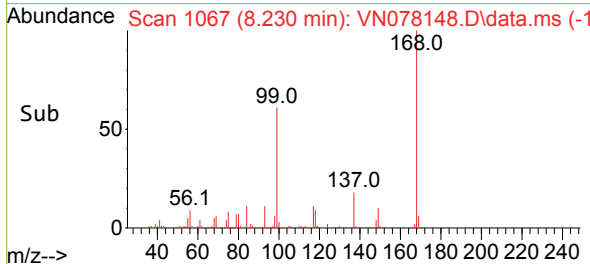
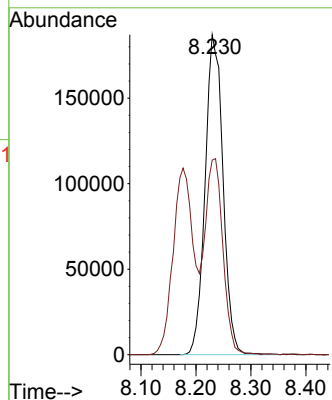
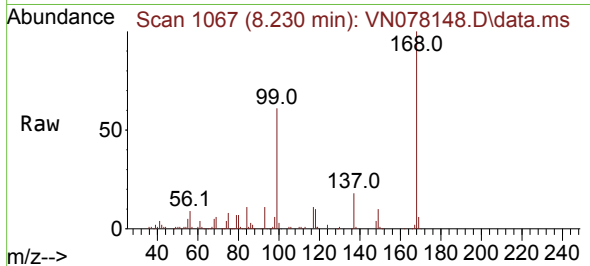
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.005 min
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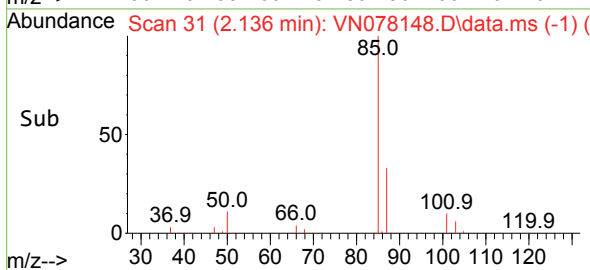
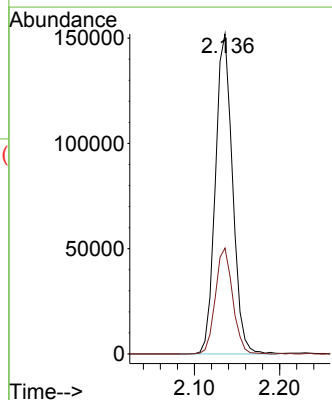
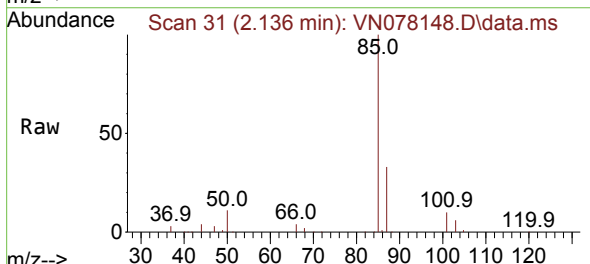
Instrument :
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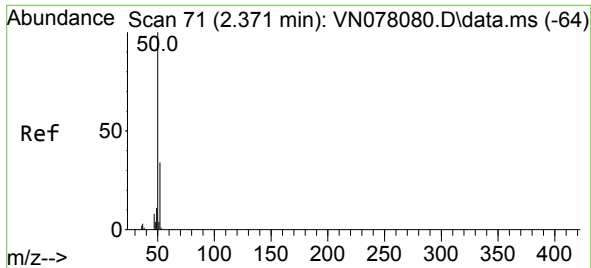
Tgt Ion:168 Resp: 423211
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 44.496 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 85 Resp: 212866
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4

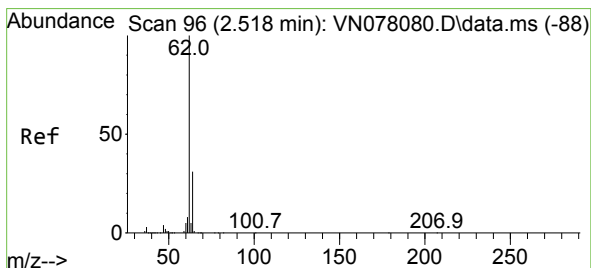
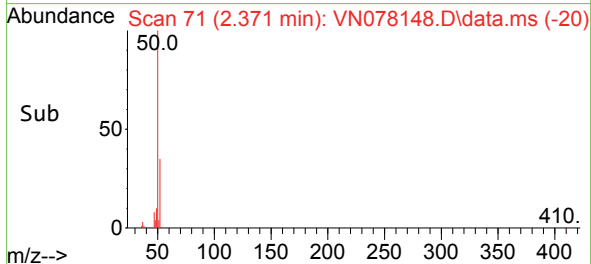
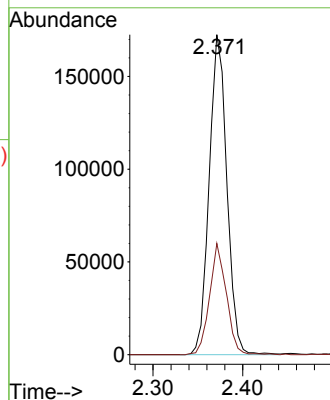
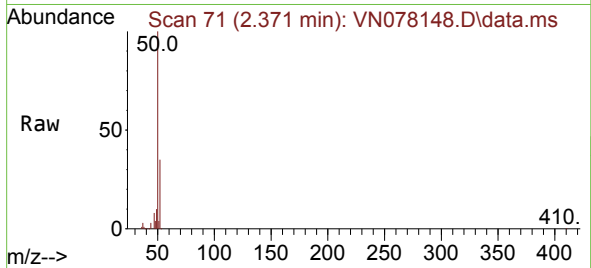




#3
Chloromethane
Concen: 52.611 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

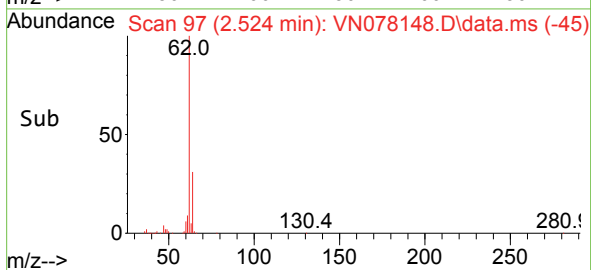
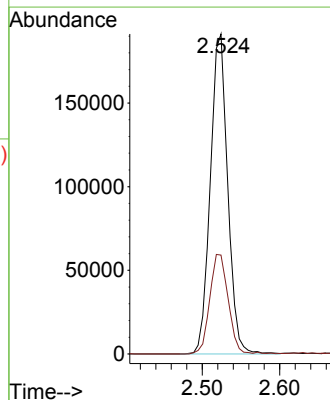
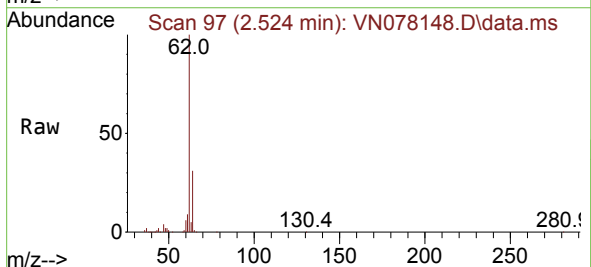
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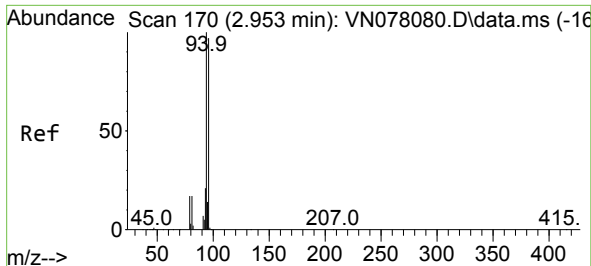
Tgt Ion: 50 Resp: 236352
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 47.521 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 62 Resp: 297692
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2

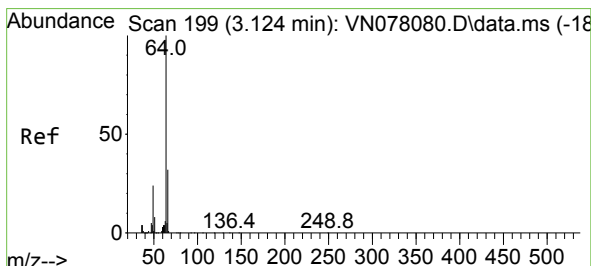
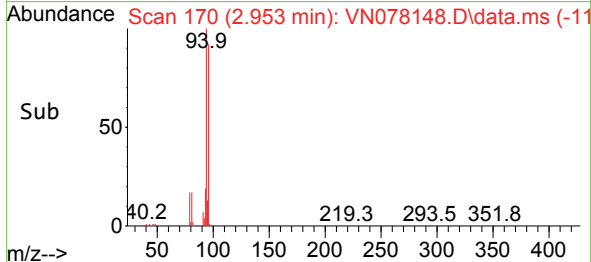
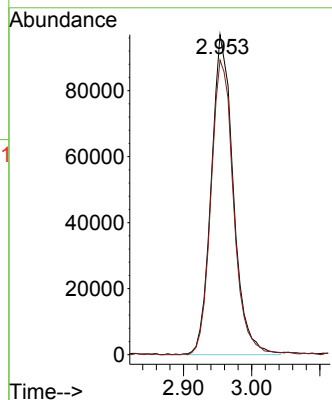
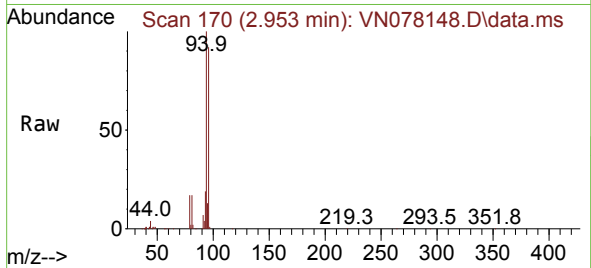




#5
Bromomethane
Concen: 46.076 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

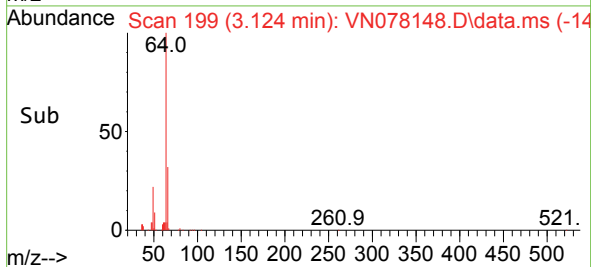
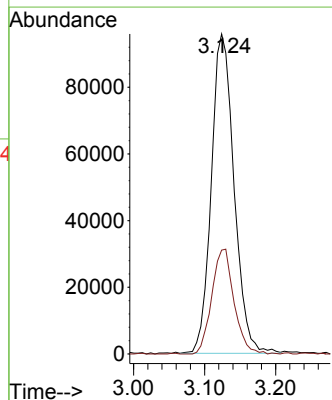
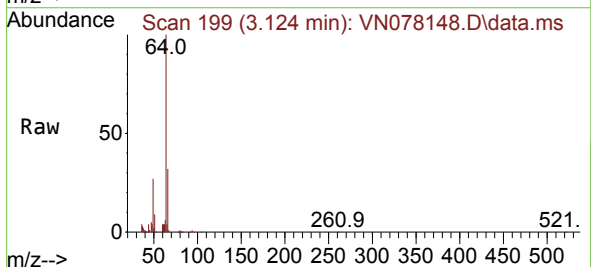
Instrument :
MSVOA_N
ClientSampleId :

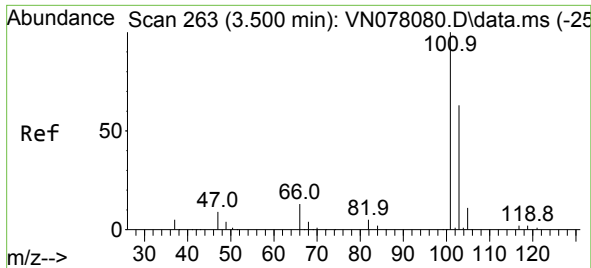
Tgt Ion: 94 Resp: 218134
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7



#6
Chloroethane
Concen: 49.801 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 64 Resp: 212670
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2

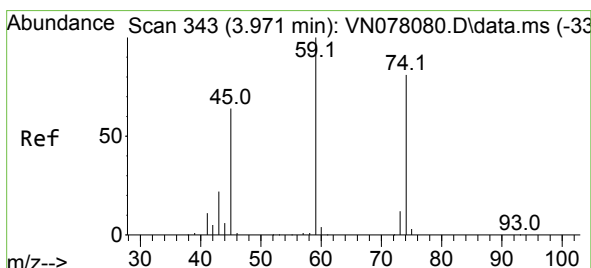
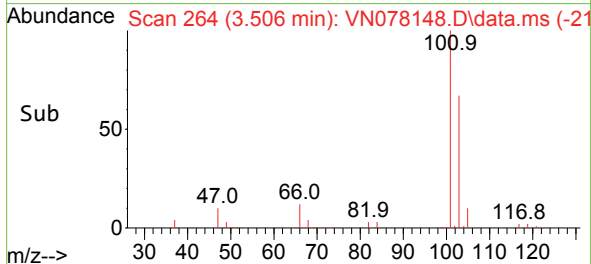
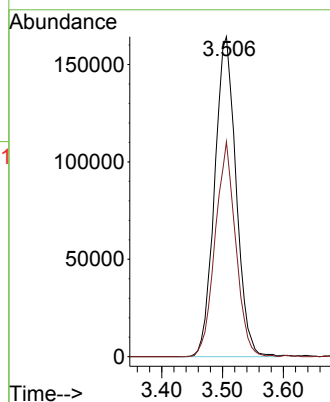
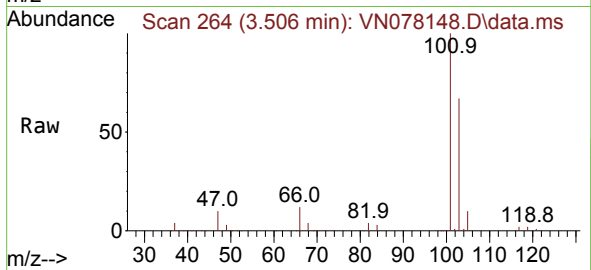




#7
 Trichlorofluoromethane
 Concen: 47.317 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

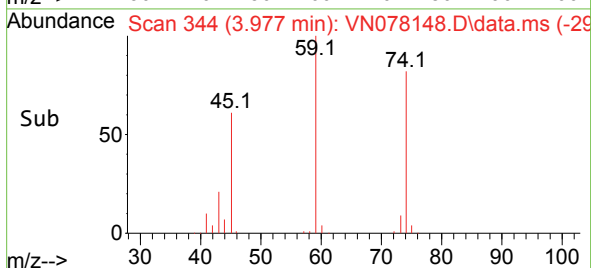
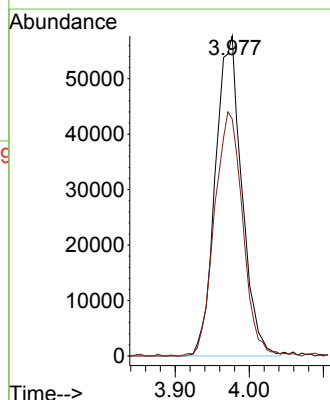
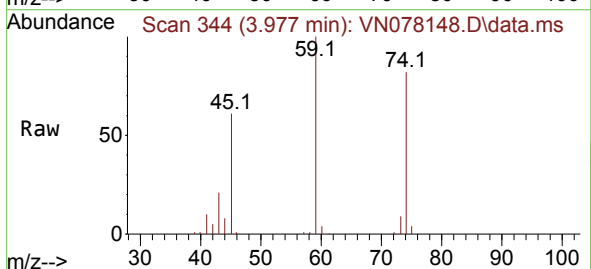
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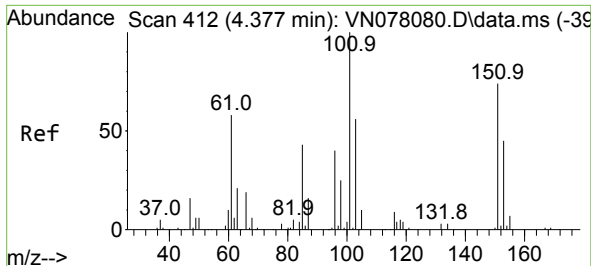
Tgt Ion:101 Resp: 401953
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.909 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion: 74 Resp: 143002
 Ion Ratio Lower Upper
 74 100
 45 81.5 34.4 103.3

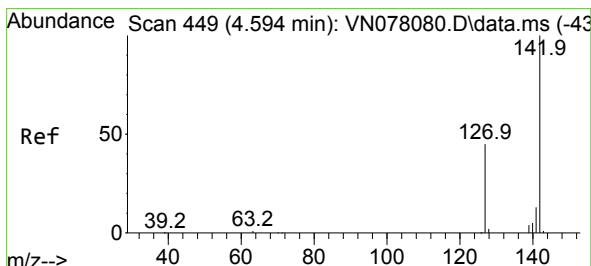
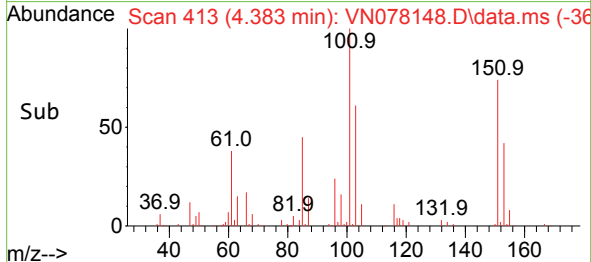
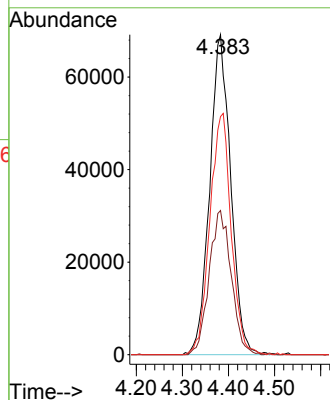
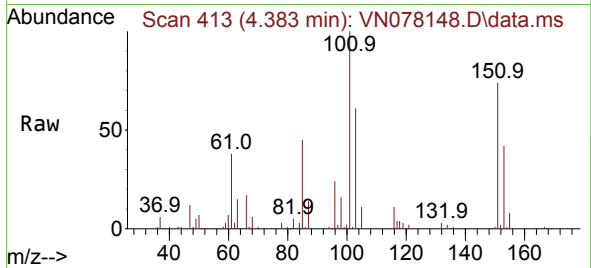




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.845 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
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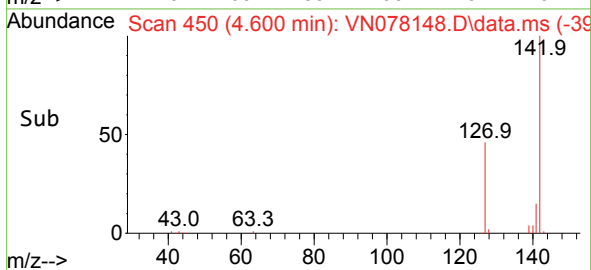
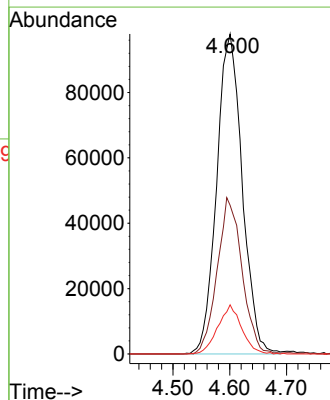
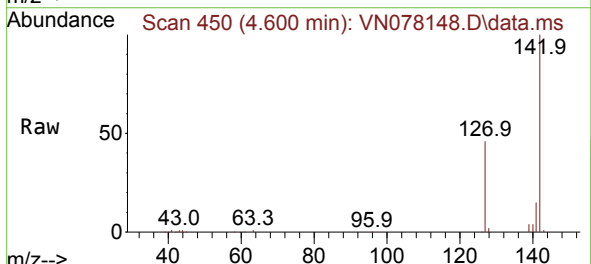
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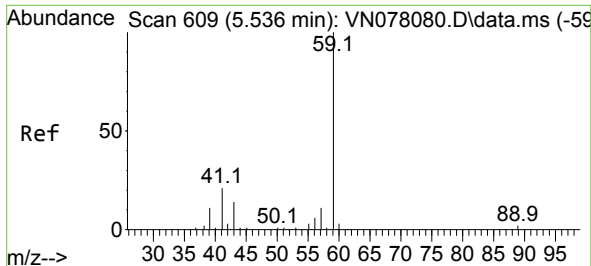
Tgt Ion:101 Resp: 218982
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 76.6 57.6 86.4



#10
Methyl Iodide
Concen: 48.295 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

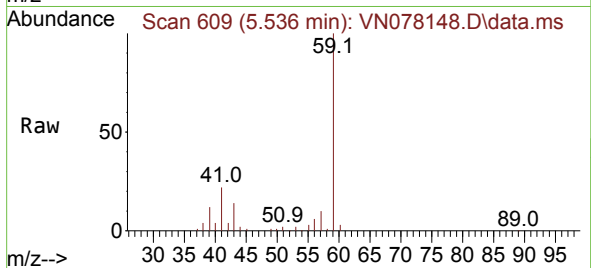
Tgt Ion:142 Resp: 306199
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 15.4 11.4 17.0



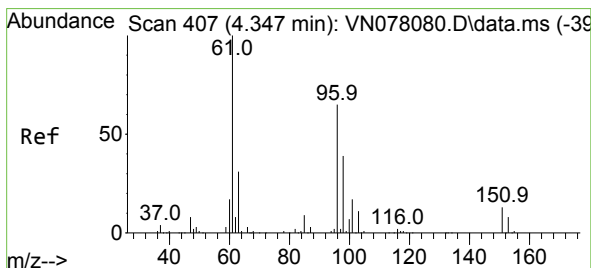
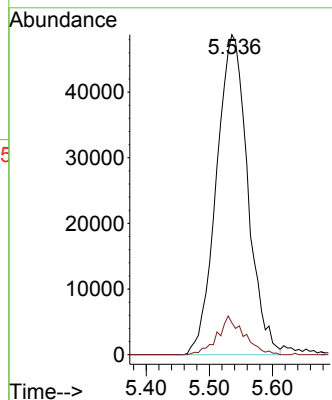
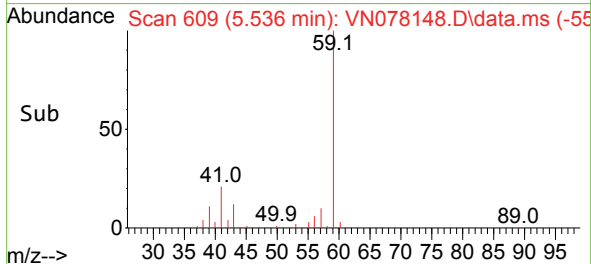


#11
Tert butyl alcohol
Concen: 215.302 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :

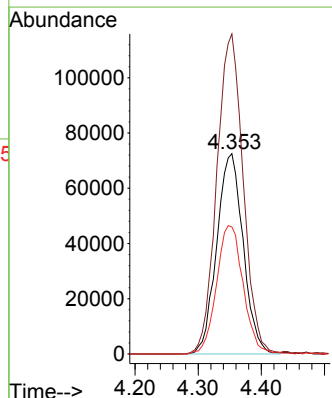
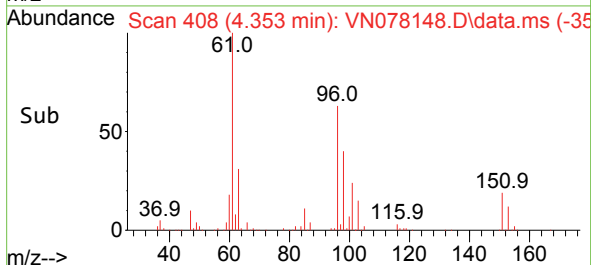
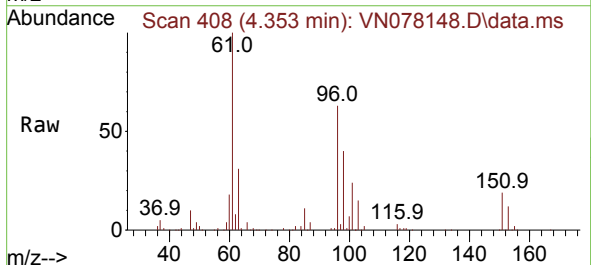


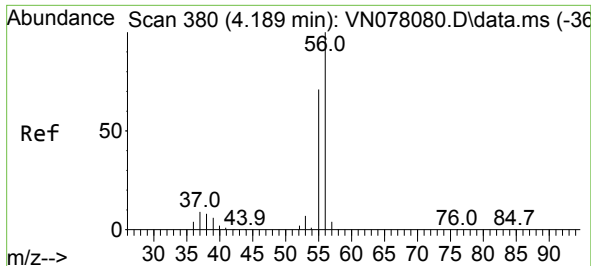
Tgt Ion: 59 Resp: 167750
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.578 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 96 Resp: 210637
Ion Ratio Lower Upper
96 100
61 159.8 112.7 169.1
98 63.5 51.2 76.8

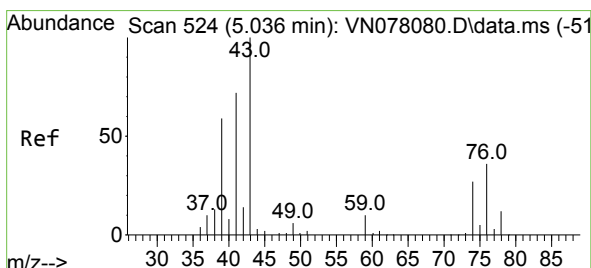
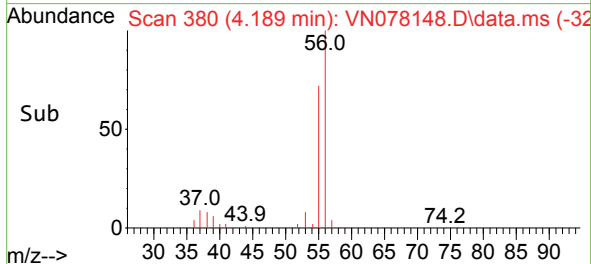
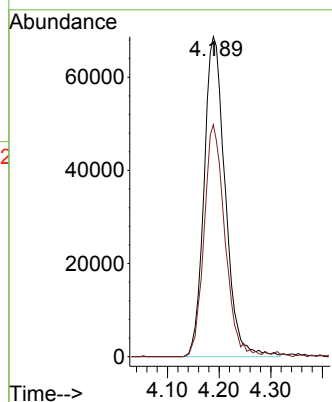
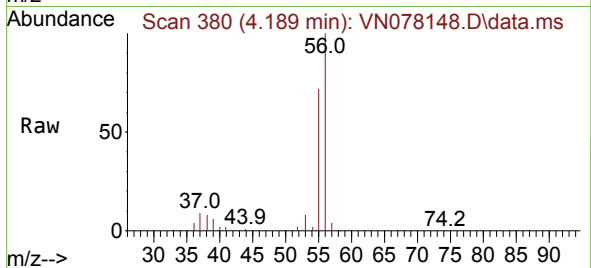




#13
Acrolein
Concen: 227.092 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

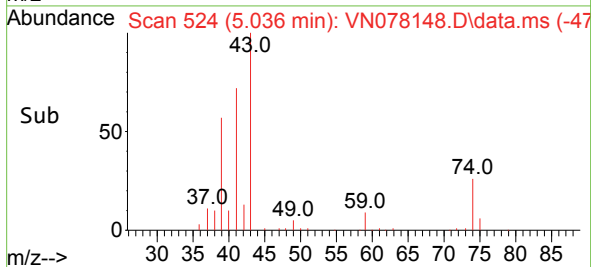
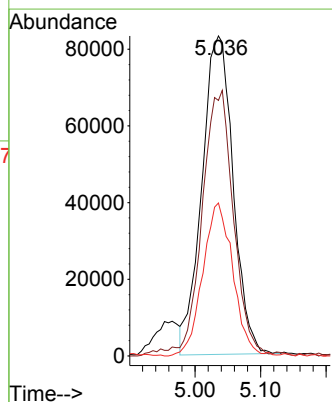
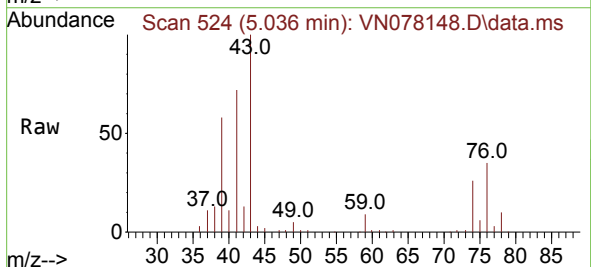
Instrument :
MSVOA_N
ClientSampleId :

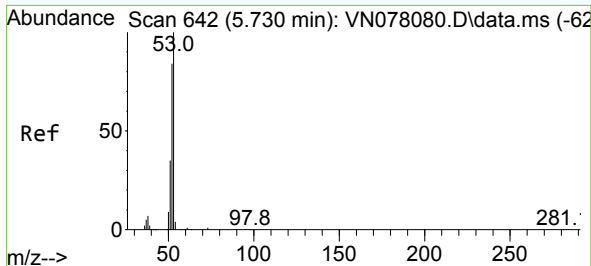
Tgt Ion: 56 Resp: 195007
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7



#14
Allyl chloride
Concen: 48.767 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

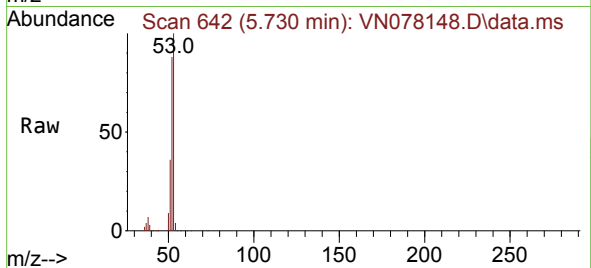
Tgt Ion: 41 Resp: 275114
Ion Ratio Lower Upper
41 100
39 84.2 58.8 88.2
76 46.4 39.1 58.7



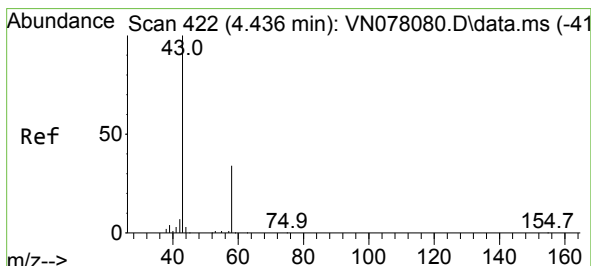
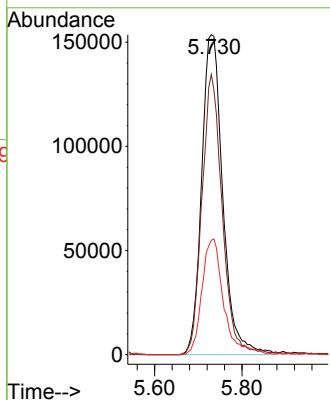
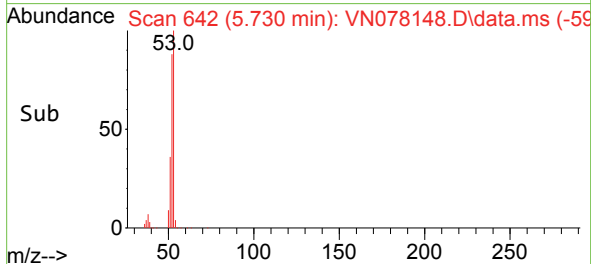


#15
Acrylonitrile
Concen: 258.205 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :

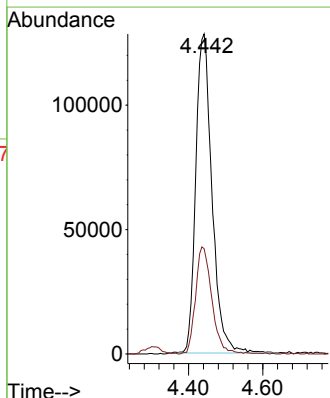
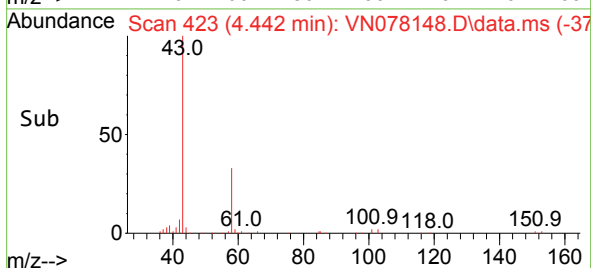
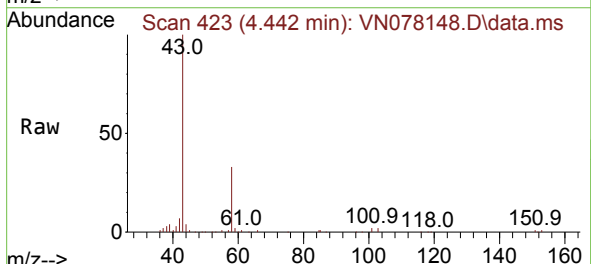


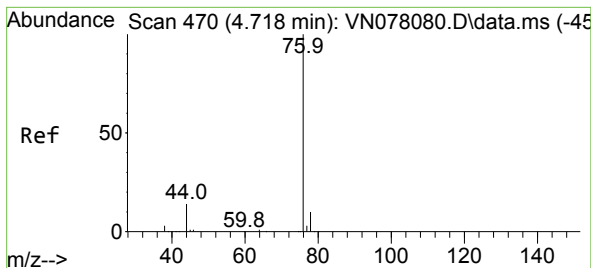
Tgt Ion: 53 Resp: 518668
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 239.834 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 43 Resp: 389533
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17

Carbon Disulfide

Concen: 45.165 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

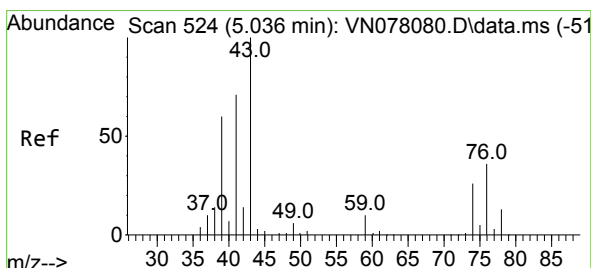
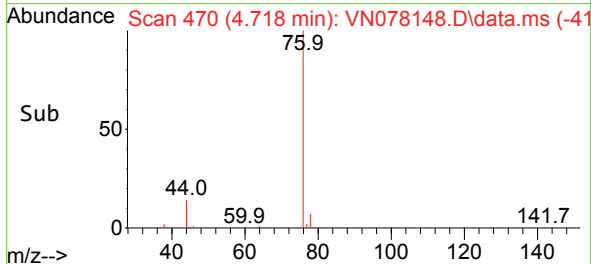
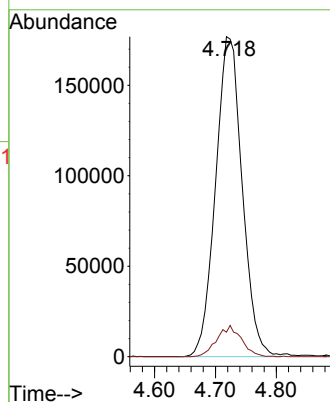
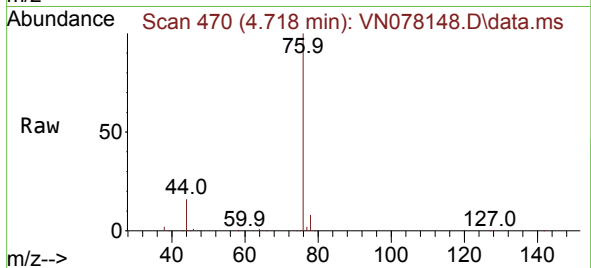
ClientSampleId :

Tgt Ion: 76 Resp: 537256

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.0



#18

Methyl Acetate

Concen: 48.669 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078148.D

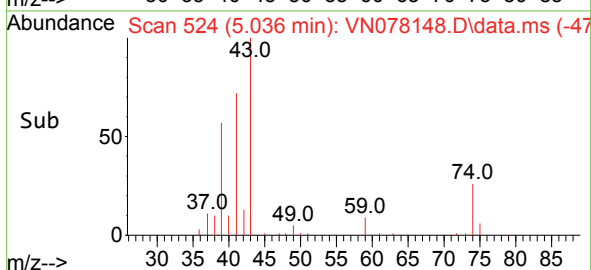
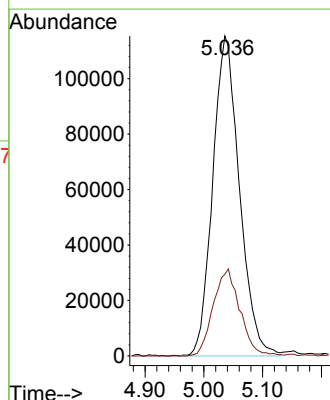
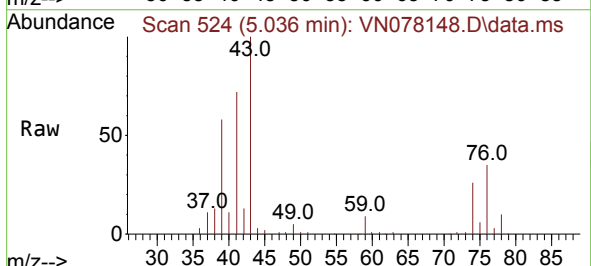
Acq: 09 Jun 2023 16:10

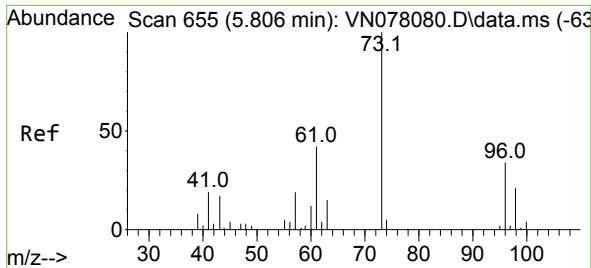
Tgt Ion: 43 Resp: 363928

Ion Ratio Lower Upper

43 100

74 27.2 26.2 39.4

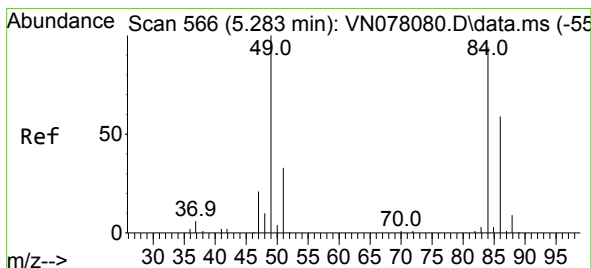
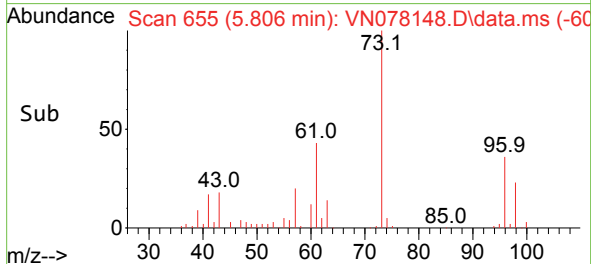
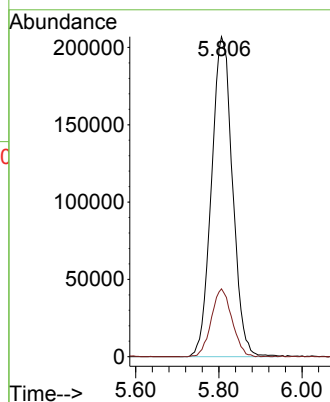
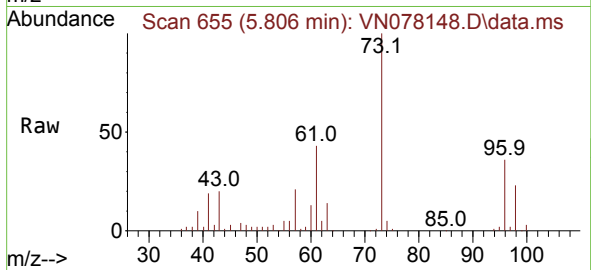




#19
Methyl tert-butyl Ether
Concen: 49.250 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

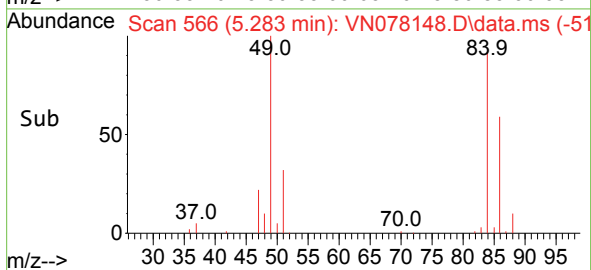
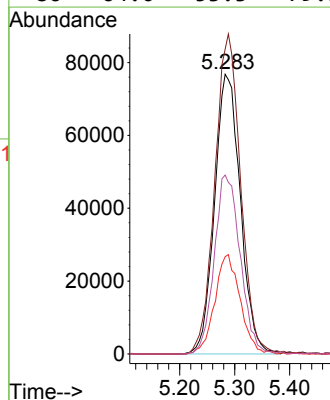
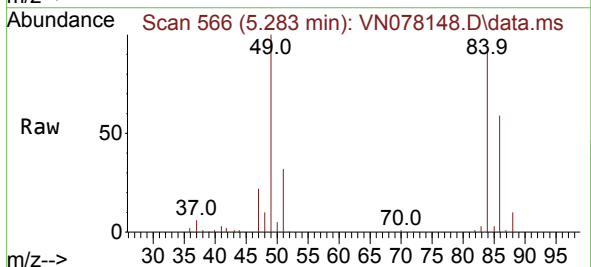
Instrument :
MSVOA_N
ClientSampleId :

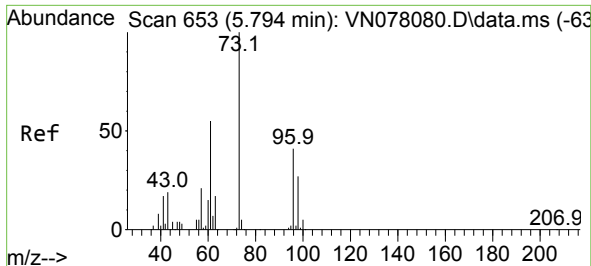
Tgt Ion: 73 Resp: 726201
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4



#20
Methylene Chloride
Concen: 46.652 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

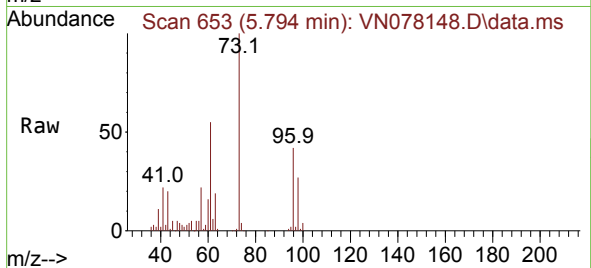
Tgt Ion: 84 Resp: 250390
Ion Ratio Lower Upper
84 100
49 109.0 79.7 119.5
51 34.8 25.2 37.8
86 64.0 53.3 79.9



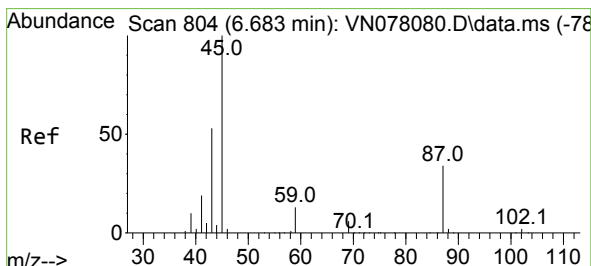
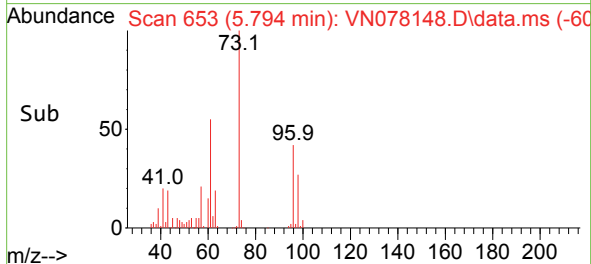
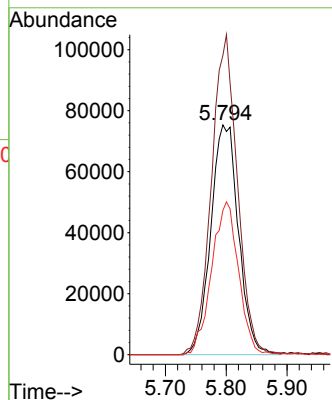


#21
trans-1,2-Dichloroethene
Concen: 47.740 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :

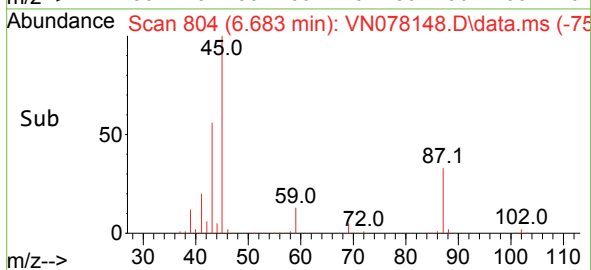
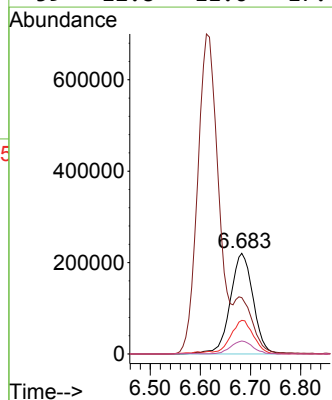
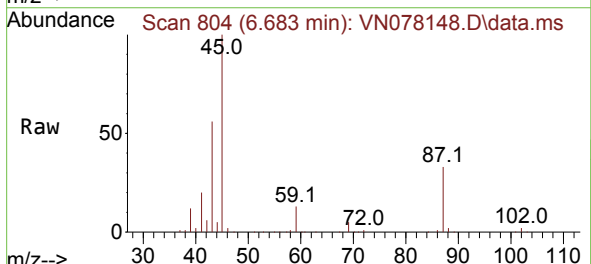


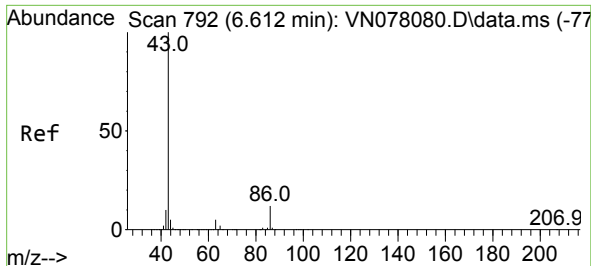
Tgt Ion: 96 Resp: 237961
Ion Ratio Lower Upper
96 100
61 130.3 90.1 135.1
98 62.8 46.4 69.6



#22
Diisopropyl ether
Concen: 52.519 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 45 Resp: 696932
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 33.0 31.8 47.8
59 12.8 11.6 17.4

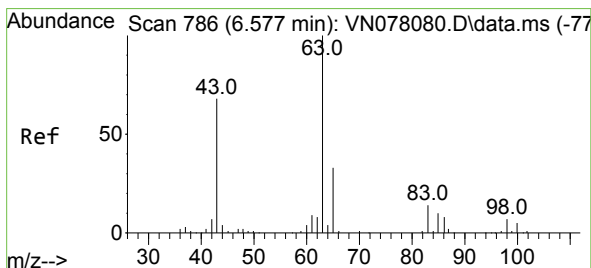
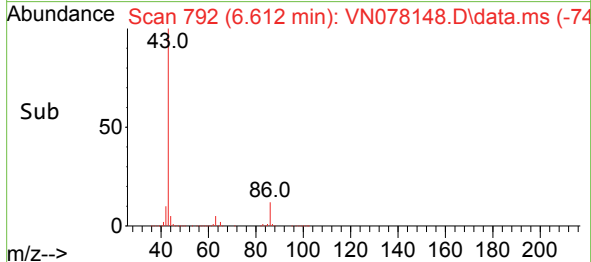
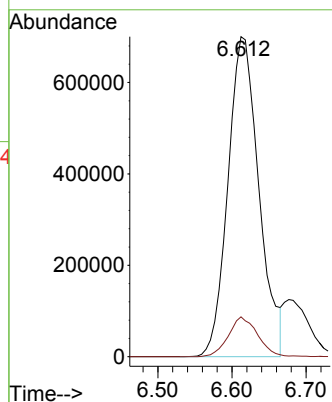
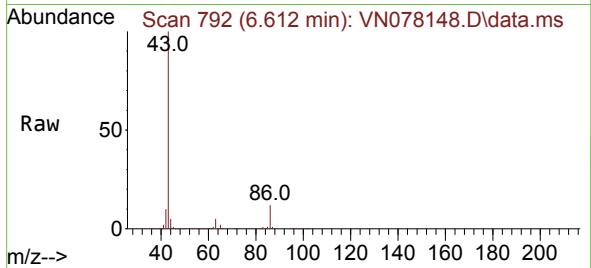




#23
 Vinyl Acetate
 Concen: 257.694 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

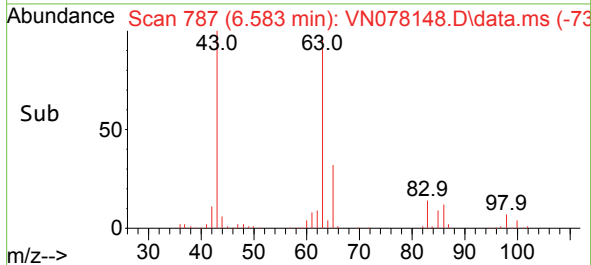
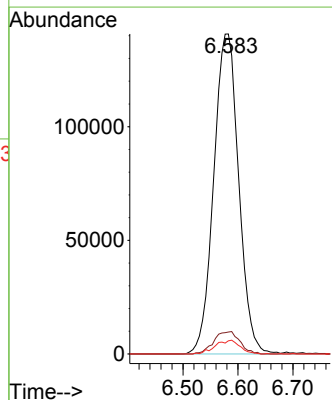
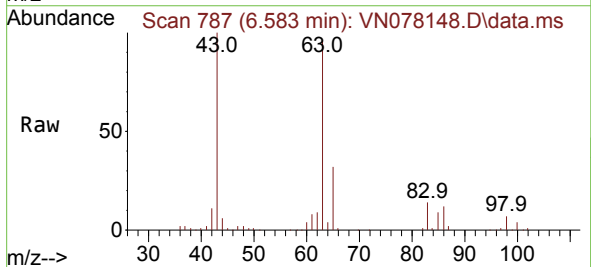
Instrument :
 MSVOA_N
 ClientSampleId :

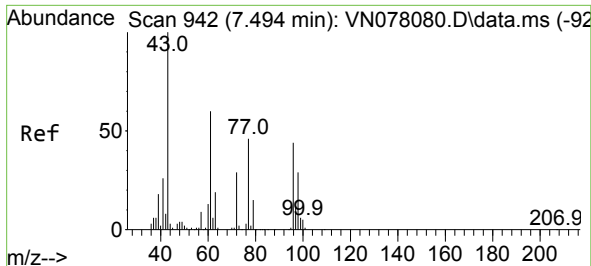
Tgt Ion: 43 Resp: 2032751
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.700 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion: 63 Resp: 443824
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.1 2.5 7.4

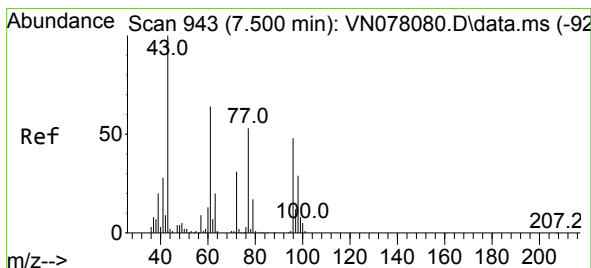
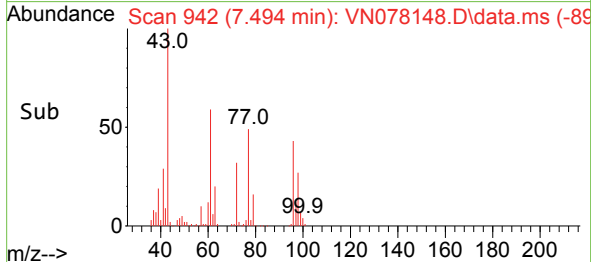
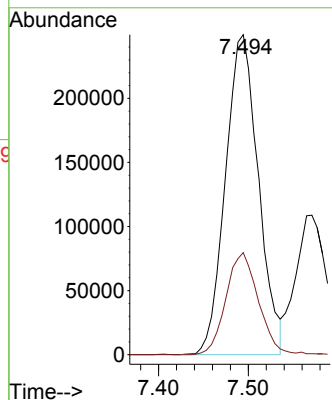
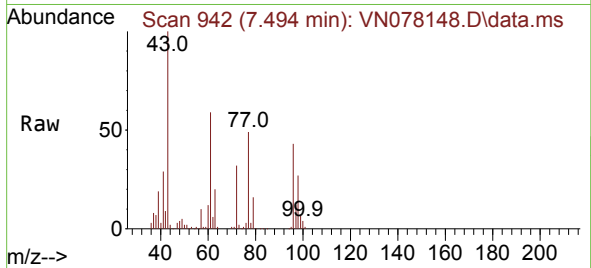




#25
2-Butanone
Concen: 255.145 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

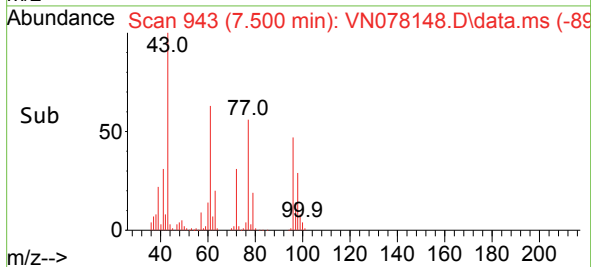
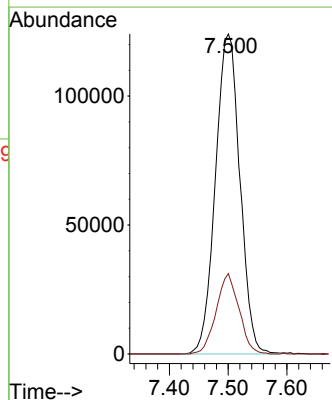
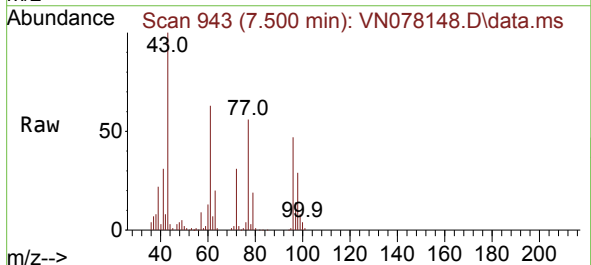
Instrument :
MSVOA_N
ClientSampleId :

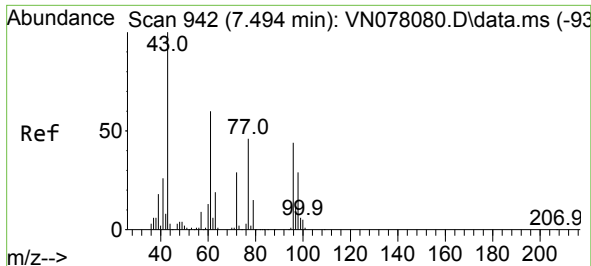
Tgt Ion: 43 Resp: 637259
Ion Ratio Lower Upper
43 100
72 31.9 30.2 45.2



#26
2,2-Dichloropropane
Concen: 55.541 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

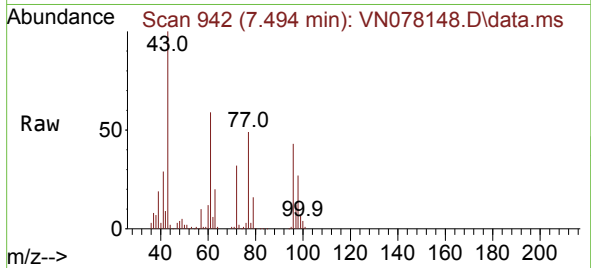
Tgt Ion: 77 Resp: 358995
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6



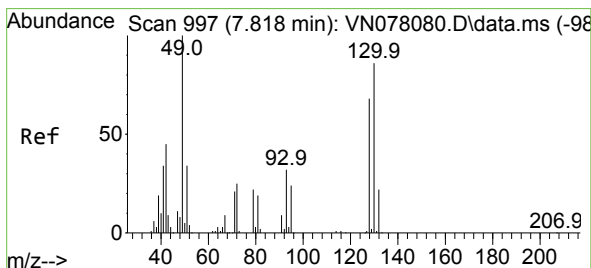
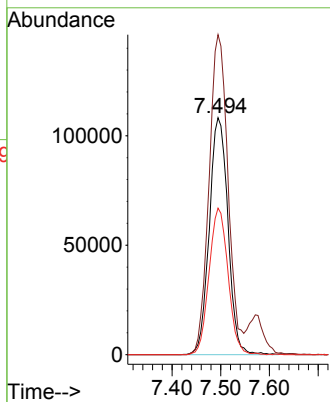
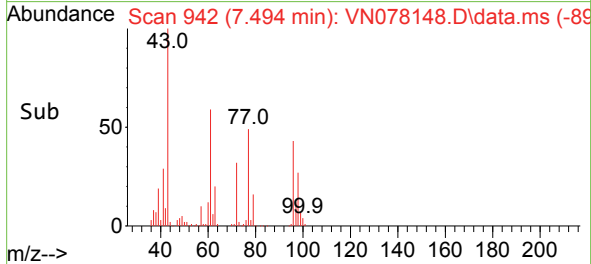


#27
 cis-1,2-Dichloroethene
 Concen: 48.462 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

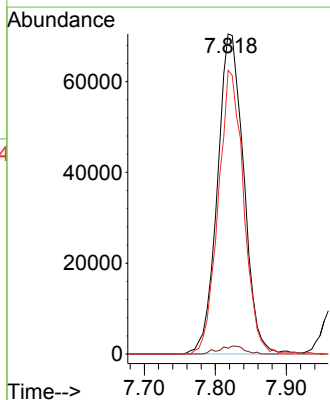
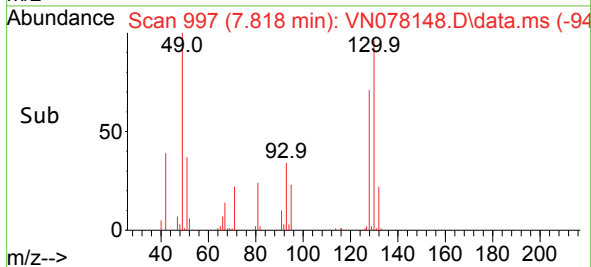
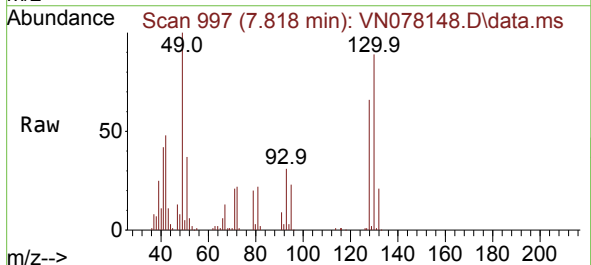


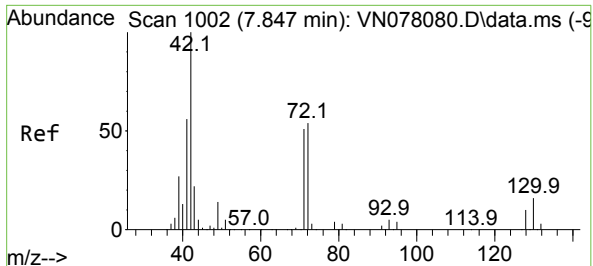
Tgt Ion: 96 Resp: 288140
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 255.2
 98 63.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 44.910 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion: 49 Resp: 180505
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 257.795 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

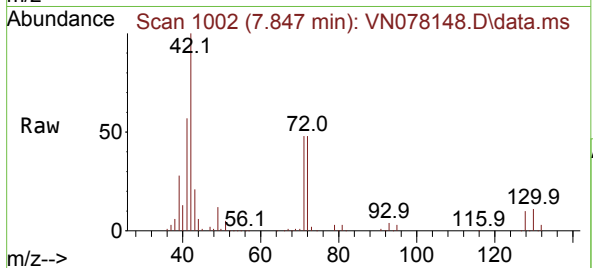
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



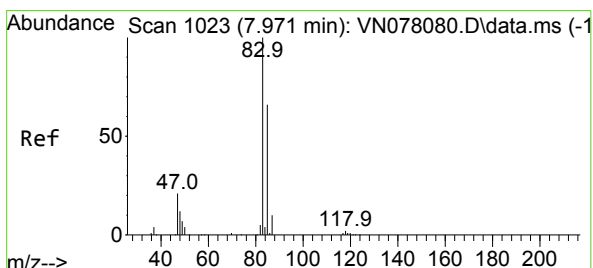
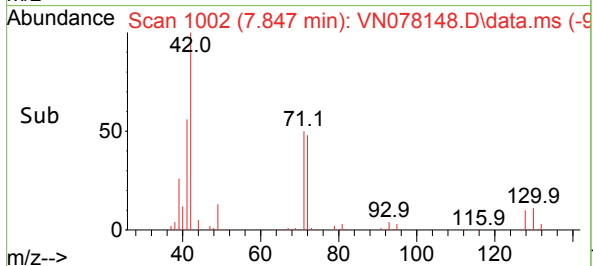
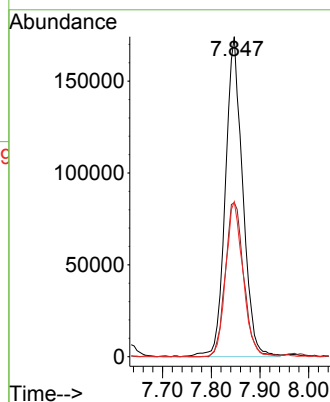
Tgt Ion: 42 Resp: 430436

Ion Ratio Lower Upper

42 100

72 51.0 49.8 74.6

71 48.5 47.4 71.2



#30

Chloroform

Concen: 51.406 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078148.D

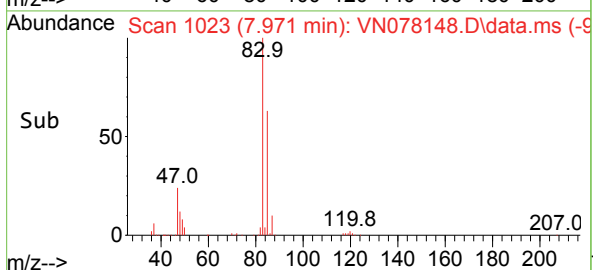
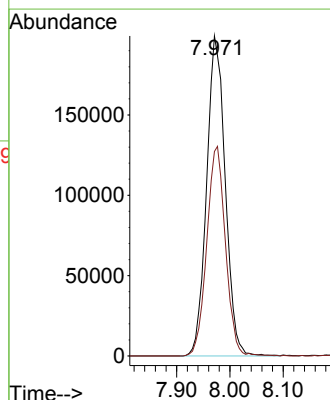
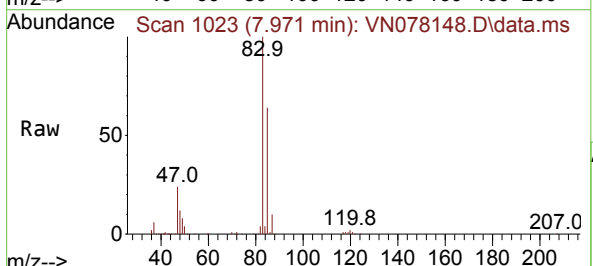
Acq: 09 Jun 2023 16:10

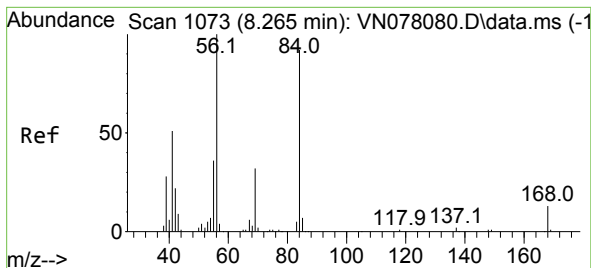
Tgt Ion: 83 Resp: 484567

Ion Ratio Lower Upper

83 100

85 63.9 55.4 83.0





#31

Cyclohexane

Concen: 49.448 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

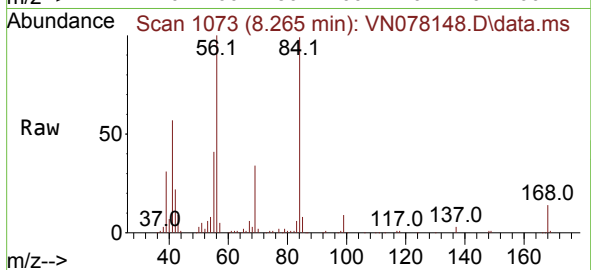
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



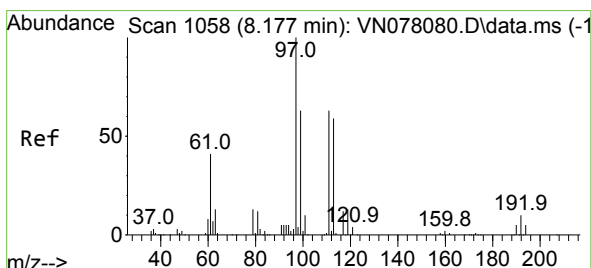
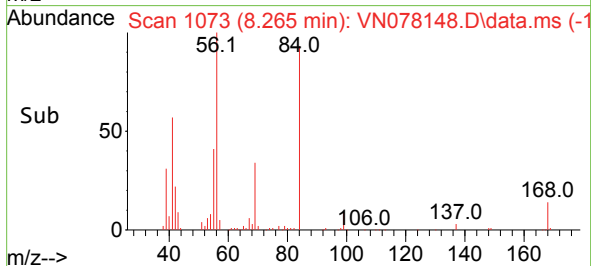
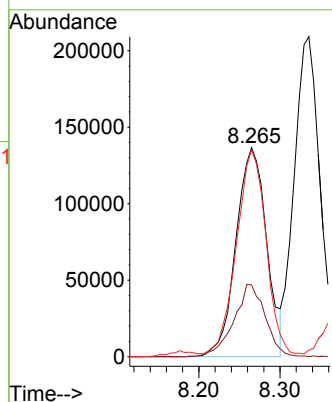
Tgt Ion: 56 Resp: 357923

Ion Ratio Lower Upper

56 100

69 34.3 26.8 40.2

84 96.1 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.481 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

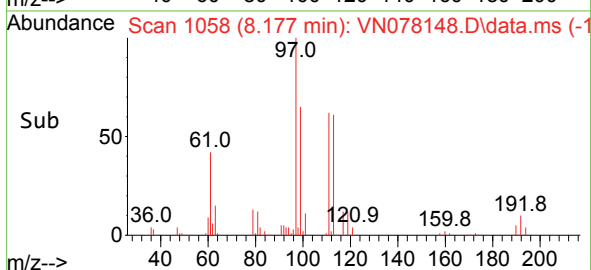
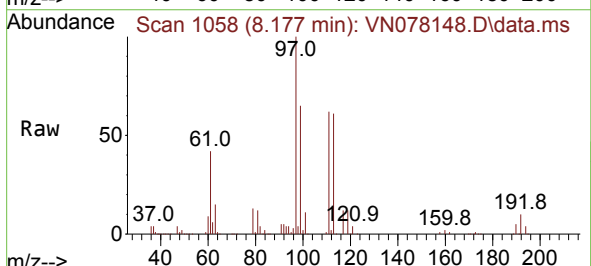
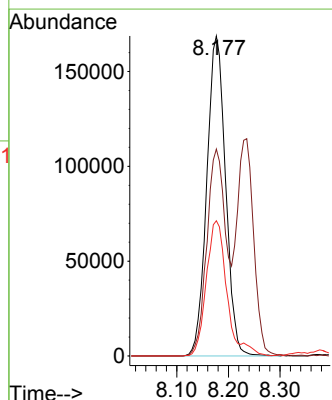
Tgt Ion: 97 Resp: 426038

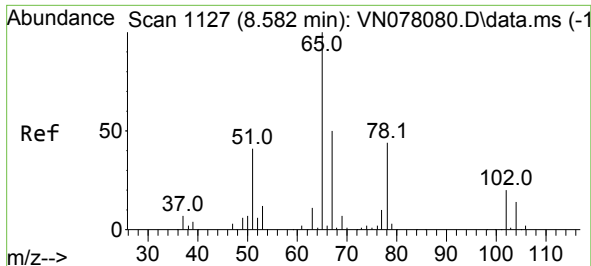
Ion Ratio Lower Upper

97 100

99 66.4 50.3 75.5

61 46.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.155 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

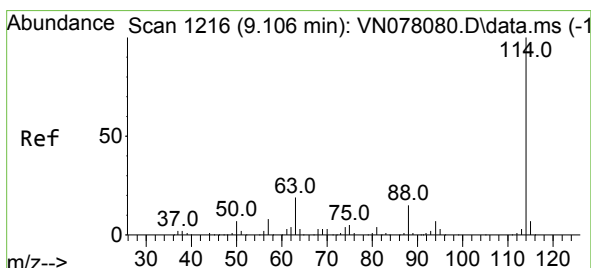
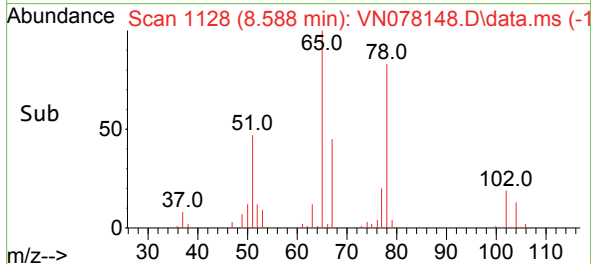
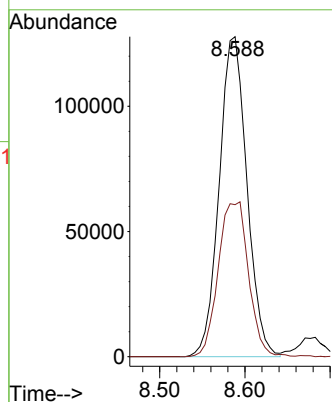
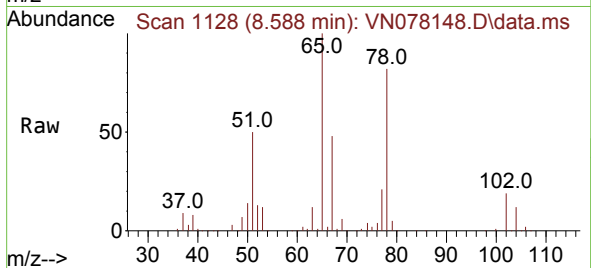
ClientSampleId :

Tgt Ion: 65 Resp: 288651

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

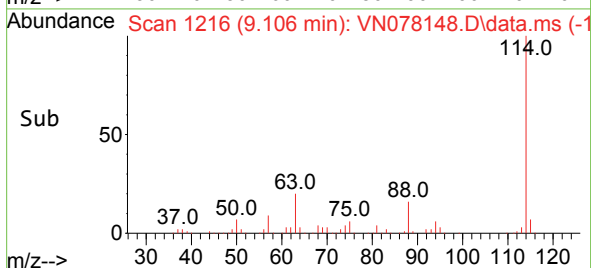
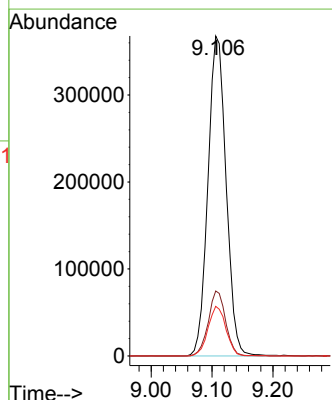
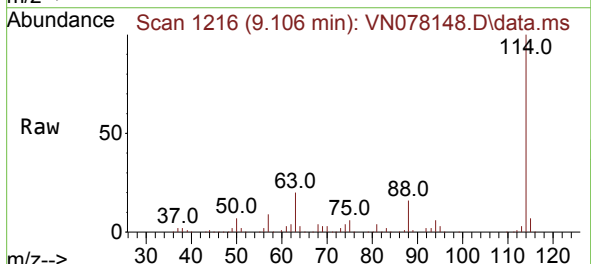
Tgt Ion:114 Resp: 761519

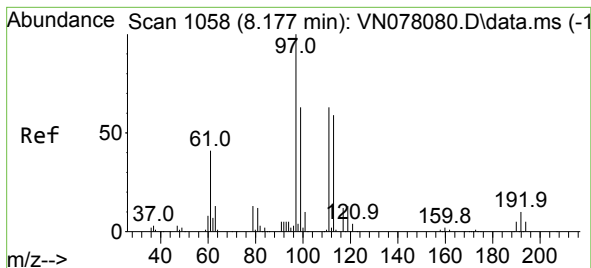
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.120 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

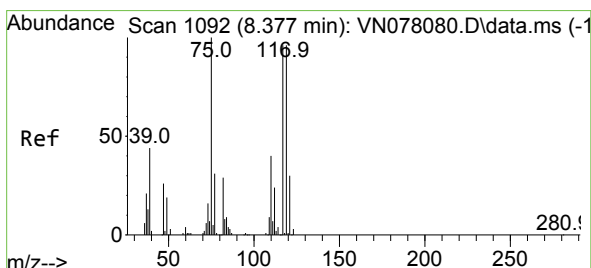
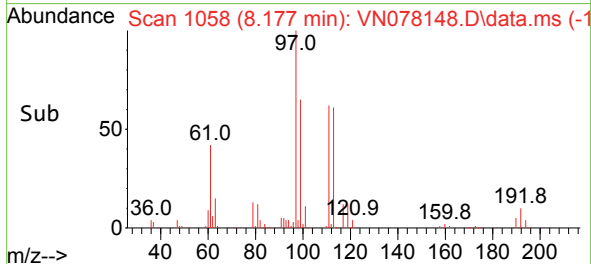
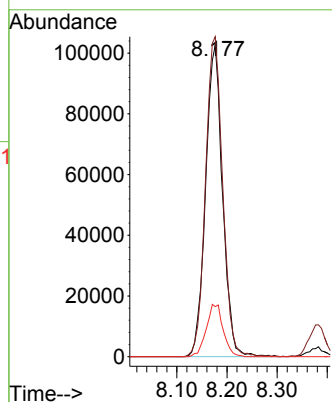
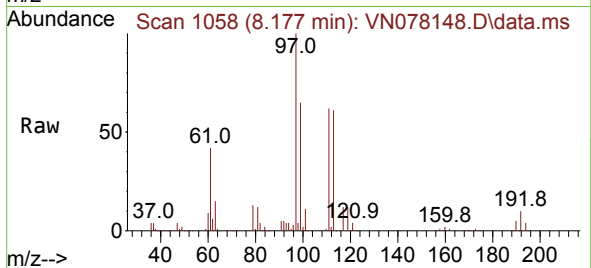
Tgt Ion:113 Resp: 241327

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 51.744 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

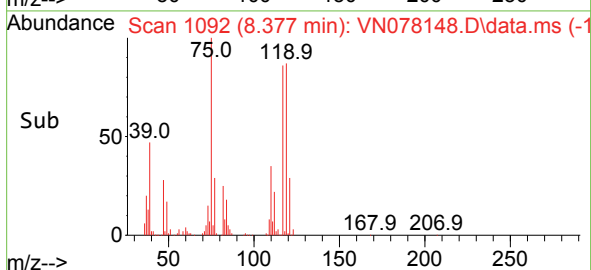
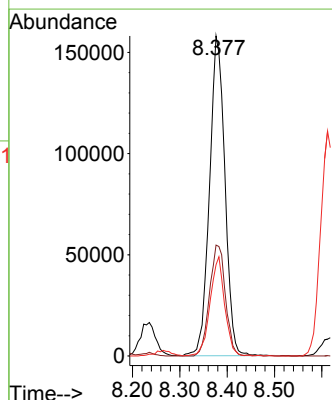
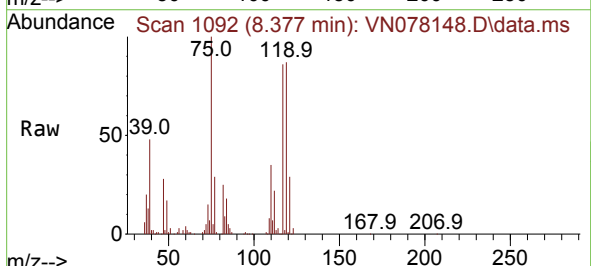
Tgt Ion: 75 Resp: 357369

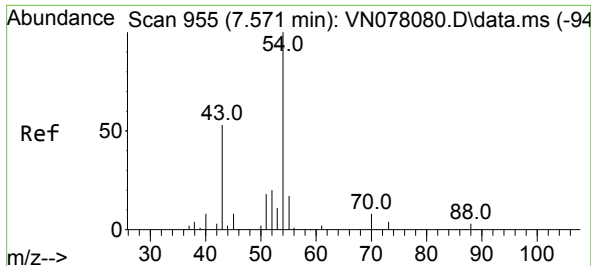
Ion Ratio Lower Upper

75 100

110 35.7 19.1 57.3

77 29.4 25.0 37.4





#37

Ethyl Acetate

Concen: 51.139 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

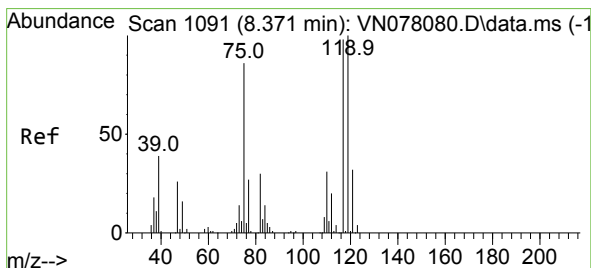
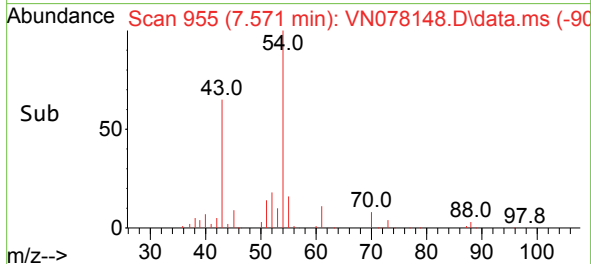
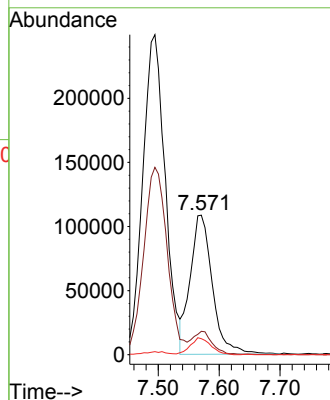
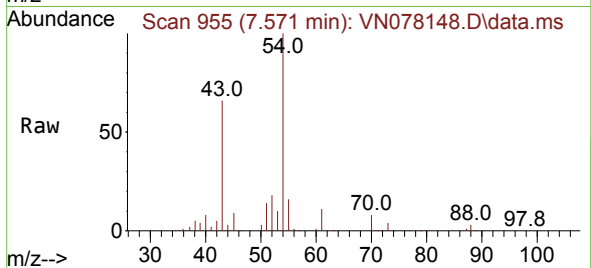
Tgt Ion: 43 Resp: 275916

Ion Ratio Lower Upper

43 100

61 14.3 13.2 19.8

70 11.1 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 52.177 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

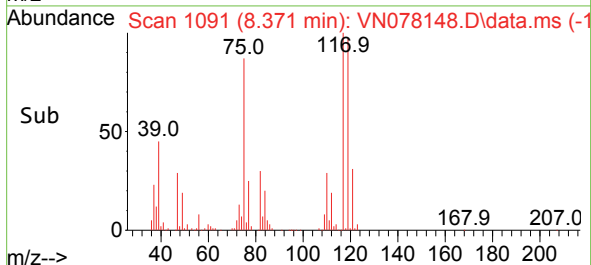
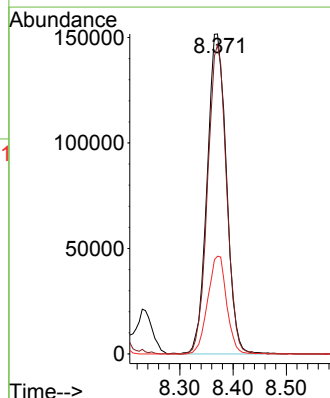
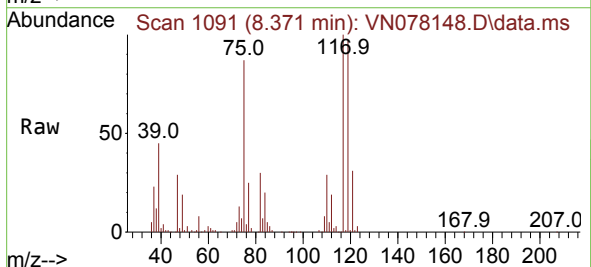
Tgt Ion:117 Resp: 380507

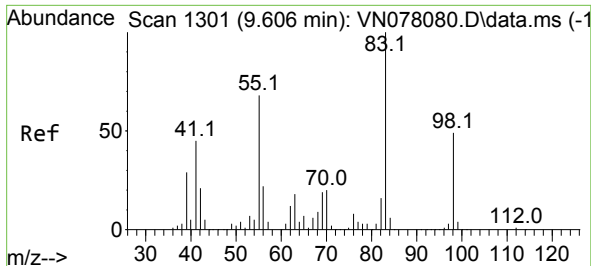
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 51.768 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

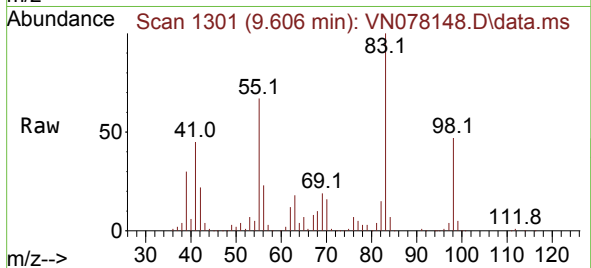
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



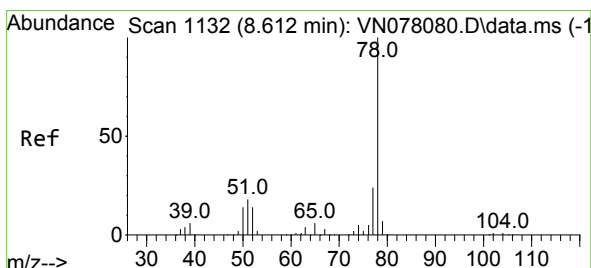
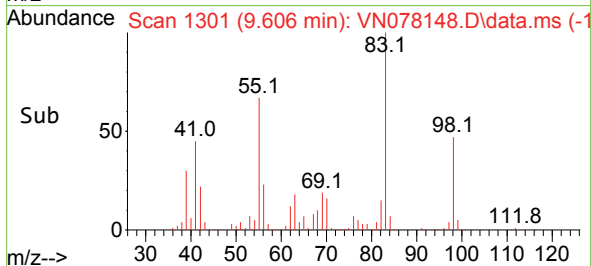
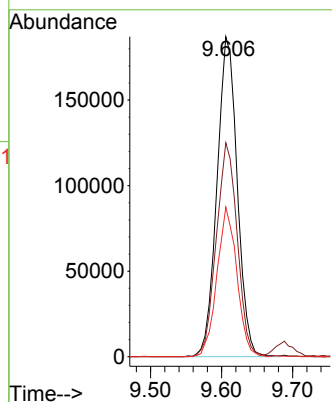
Tgt Ion: 83 Resp: 370527

Ion Ratio Lower Upper

83 100

55 66.8 49.1 73.7

98 46.8 40.6 61.0



#40

Benzene

Concen: 51.385 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078148.D

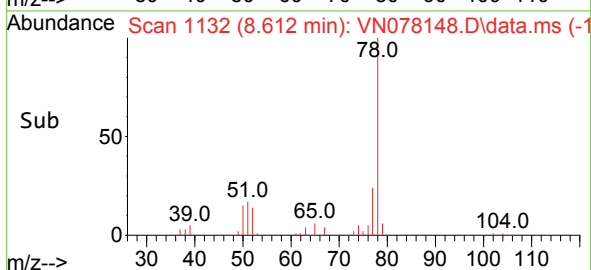
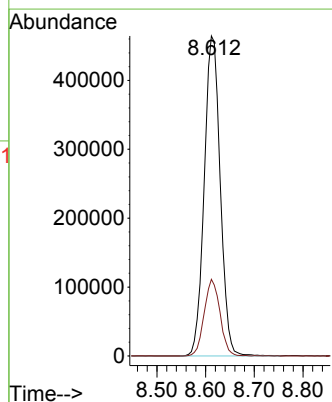
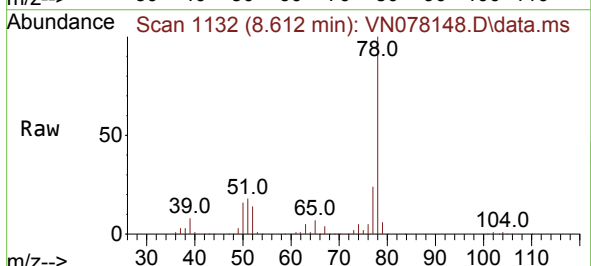
Acq: 09 Jun 2023 16:10

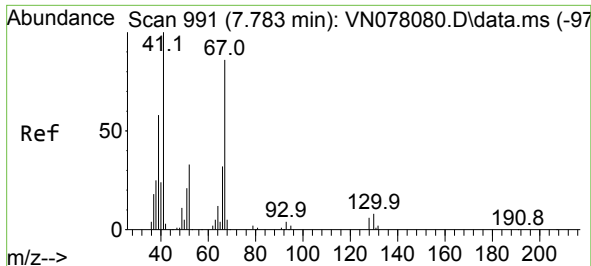
Tgt Ion: 78 Resp: 1059508

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



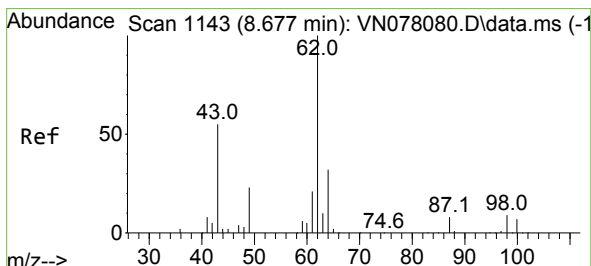
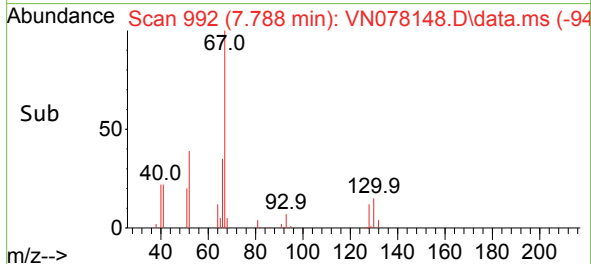
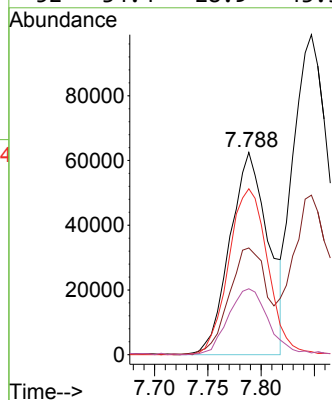
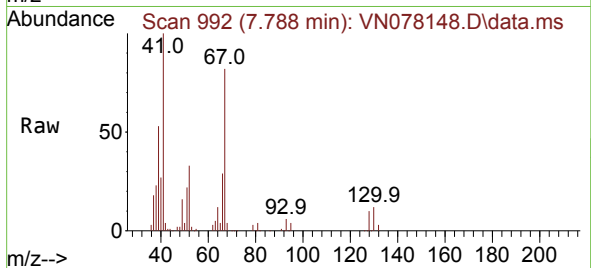


#41
Methacrylonitrile
Concen: 53.765 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 157235

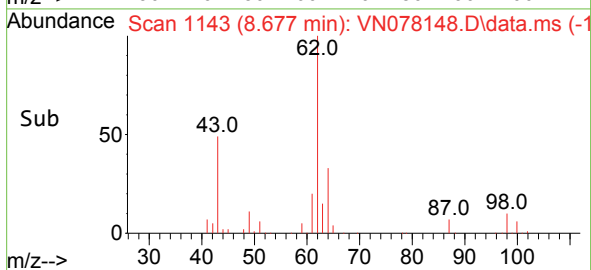
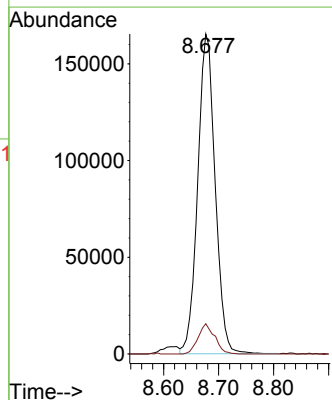
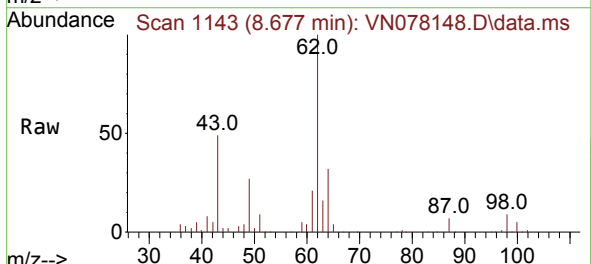
Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.6	64.0
67	83.5	77.5	116.3
52	34.4	28.9	43.3

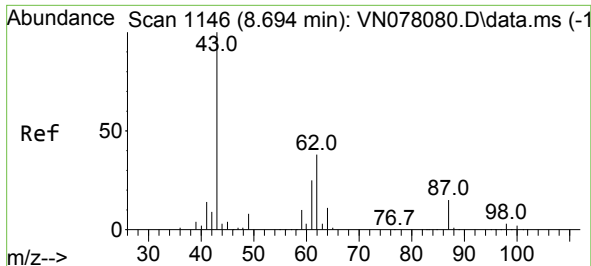


#42
1,2-Dichloroethane
Concen: 51.579 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 62 Resp: 364641

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

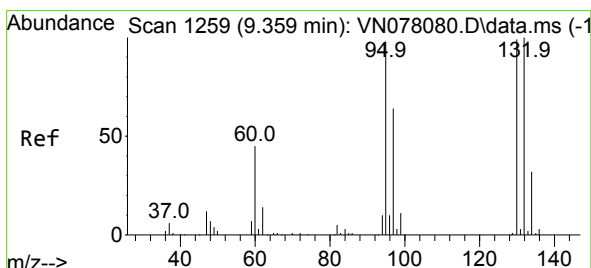
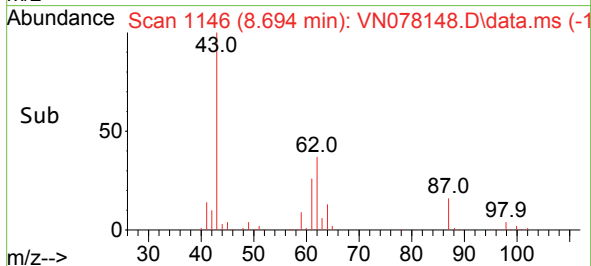
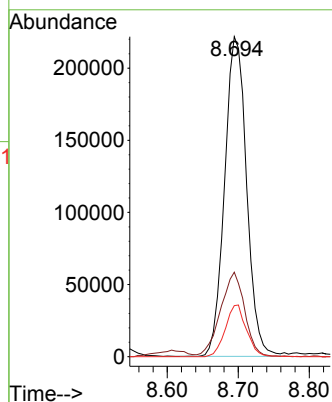
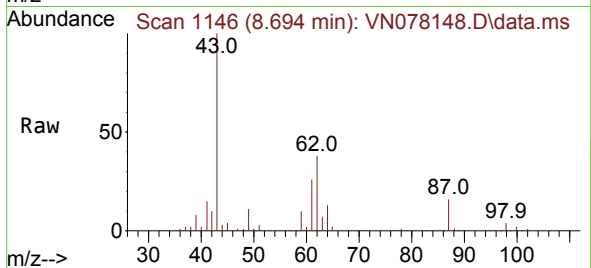




#43
Isopropyl Acetate
Concen: 46.169 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

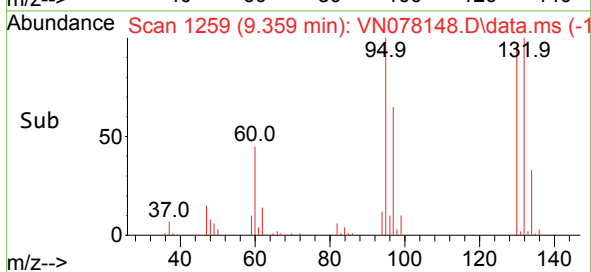
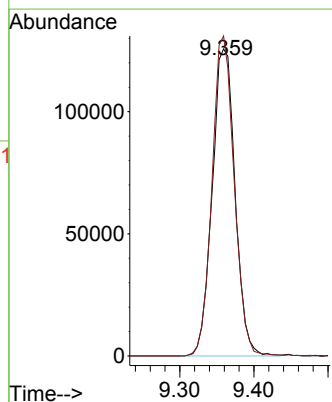
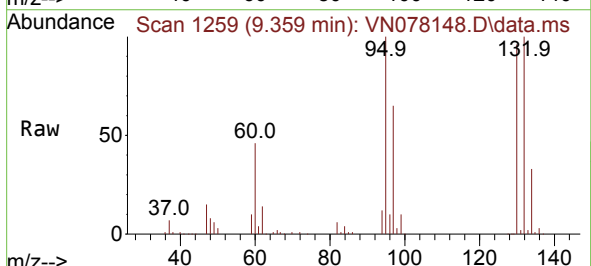
Instrument :
MSVOA_N
ClientSampleId :

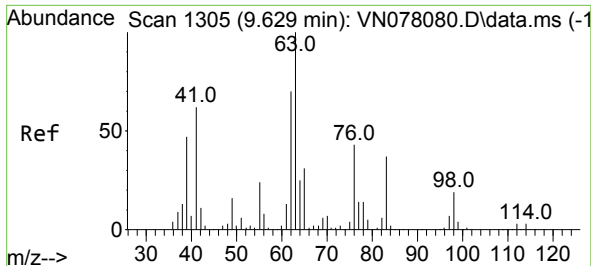
Tgt Ion: 43 Resp: 476390
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 49.519 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion:130 Resp: 269642
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.6

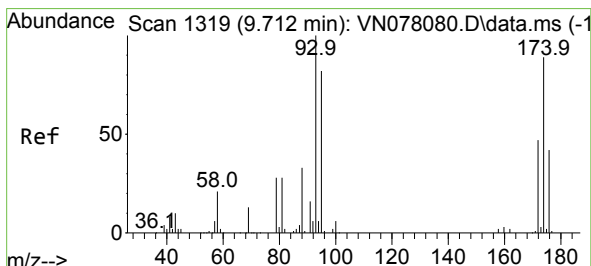
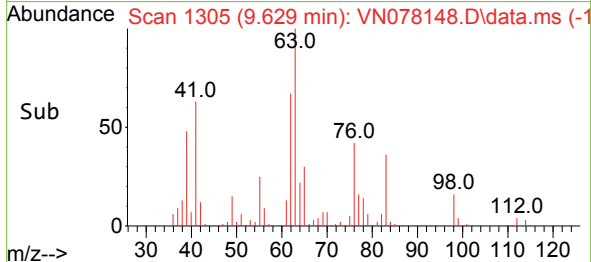
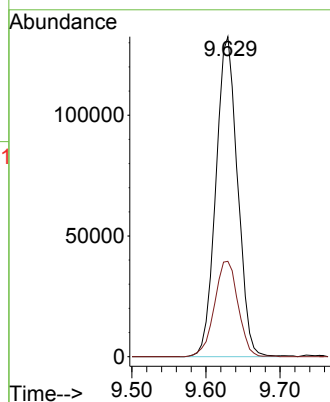
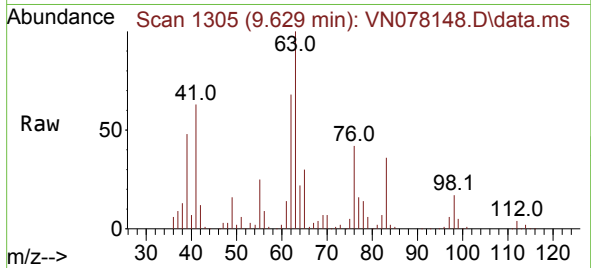




#45
1,2-Dichloropropane
Concen: 52.396 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

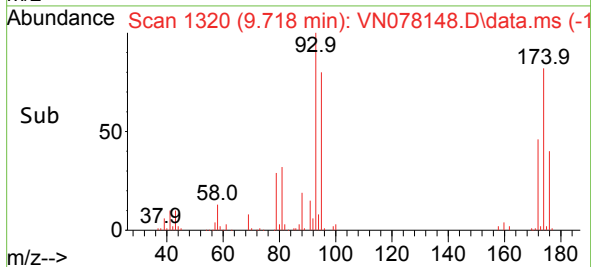
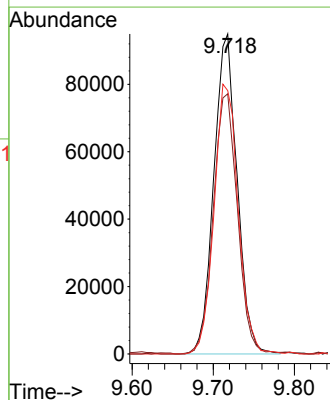
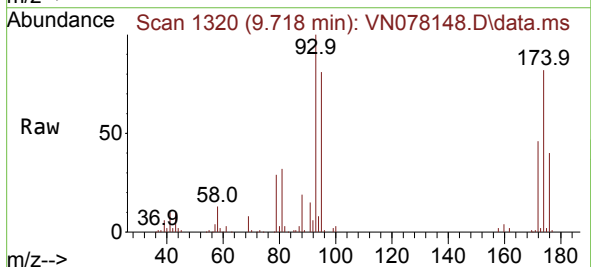
Instrument :
MSVOA_N
ClientSampleId :

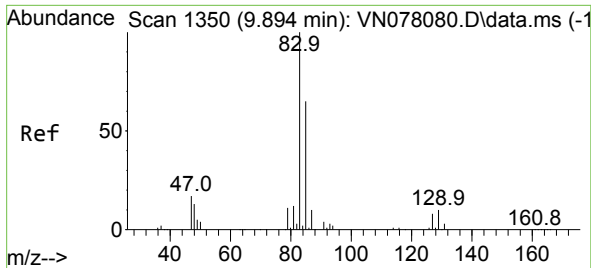
Tgt Ion: 63 Resp: 268794
Ion Ratio Lower Upper
63 100
65 29.8 23.9 35.9



#46
Dibromomethane
Concen: 50.162 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

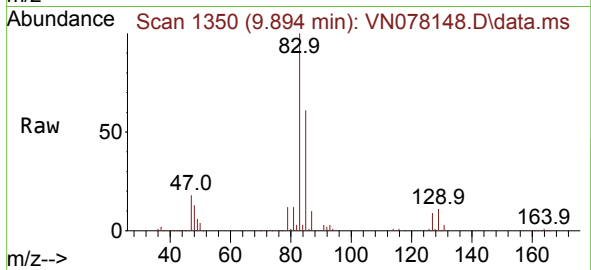
Tgt Ion: 93 Resp: 189543
Ion Ratio Lower Upper
93 100
95 84.1 63.8 95.8
174 87.4 65.6 98.4



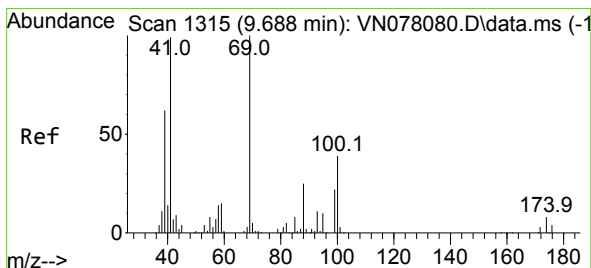
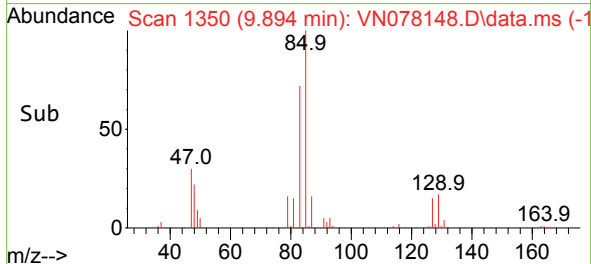
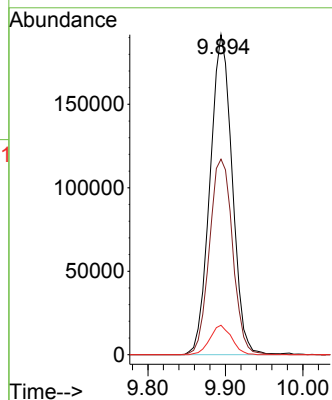


#47
Bromodichloromethane
Concen: 54.281 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :

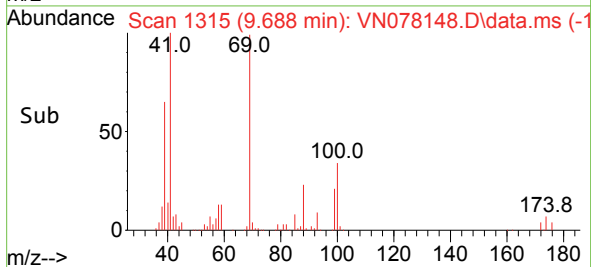
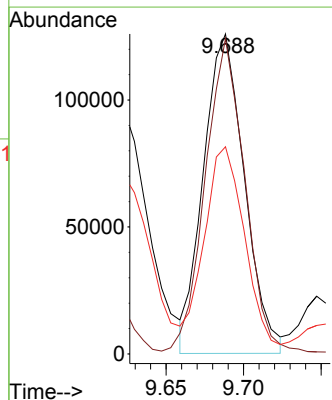
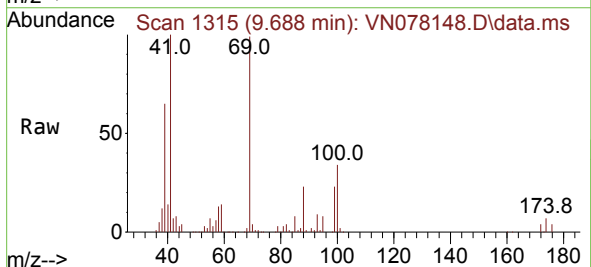


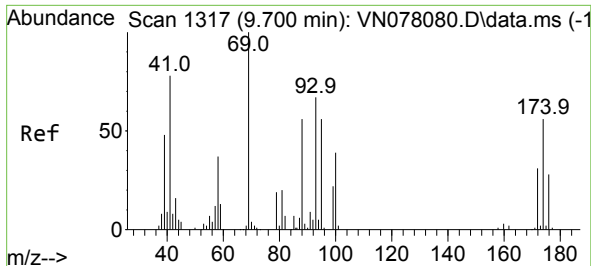
Tgt Ion: 83 Resp: 380993
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 53.409 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 41 Resp: 231269
Ion Ratio Lower Upper
41 100
69 96.5 90.4 135.6
39 64.7 54.6 81.8





#49

1,4-Dioxane

Concen: 921.702 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

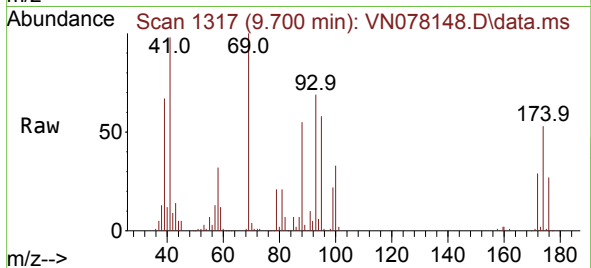
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



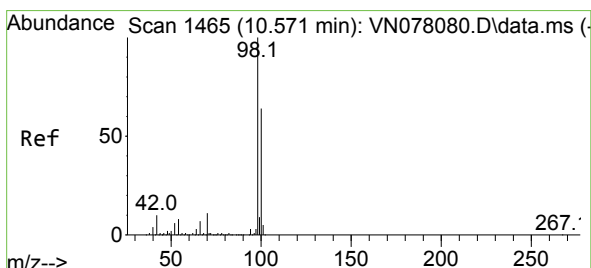
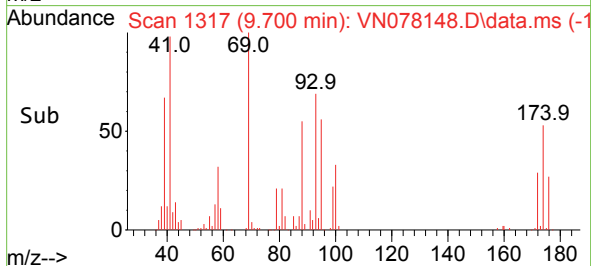
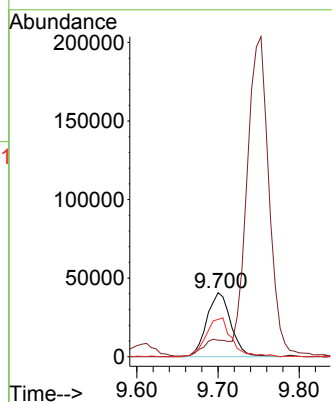
Tgt Ion: 88 Resp: 83885

Ion Ratio Lower Upper

88 100

43 25.9 17.0 25.6#

58 64.5 47.0 70.4



#50

Toluene-d8

Concen: 50.515 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078148.D

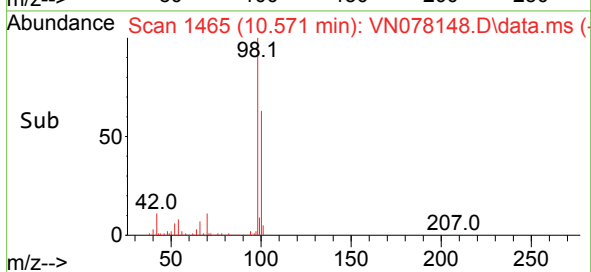
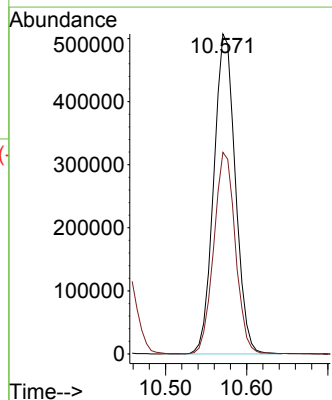
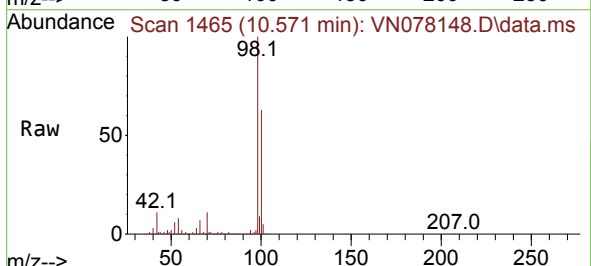
Acq: 09 Jun 2023 16:10

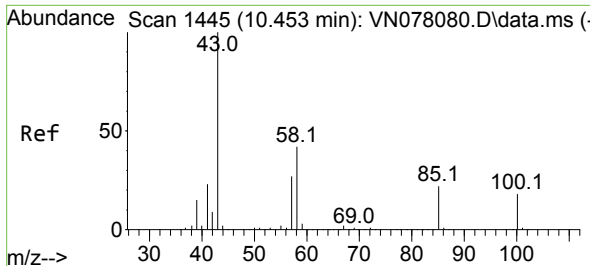
Tgt Ion: 98 Resp: 937677

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0

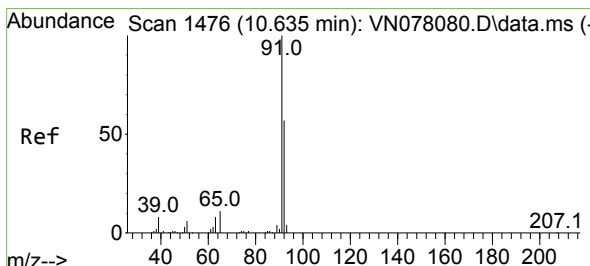
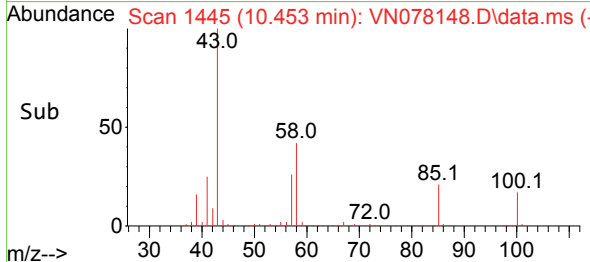
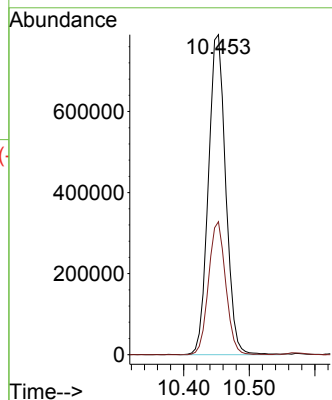
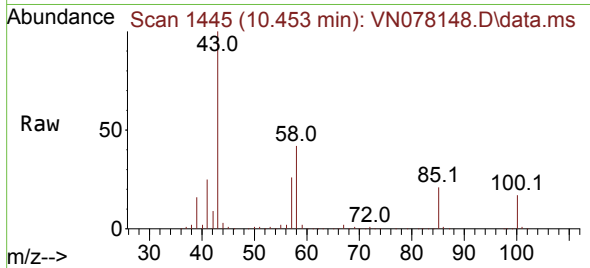




#51
4-Methyl-2-Pentanone
Concen: 267.314 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

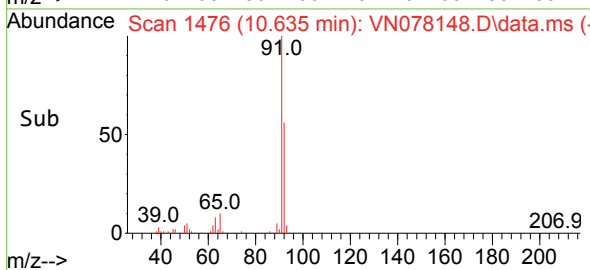
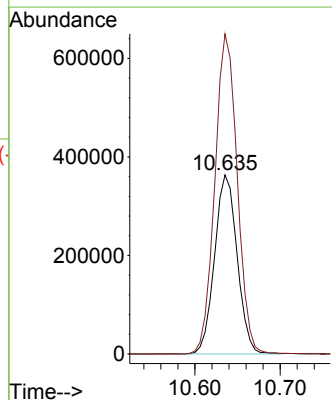
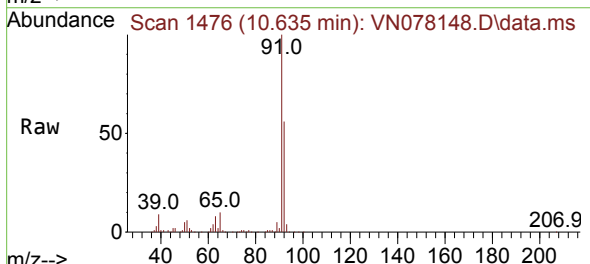
Instrument :
MSVOA_N
ClientSampleId :

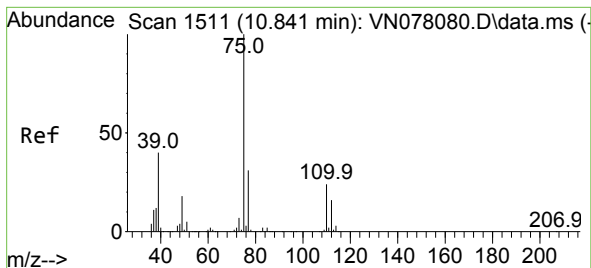
Tgt Ion: 43 Resp: 1452469
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8



#52
Toluene
Concen: 51.352 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 92 Resp: 668512
Ion Ratio Lower Upper
92 100
91 177.9 137.4 206.0

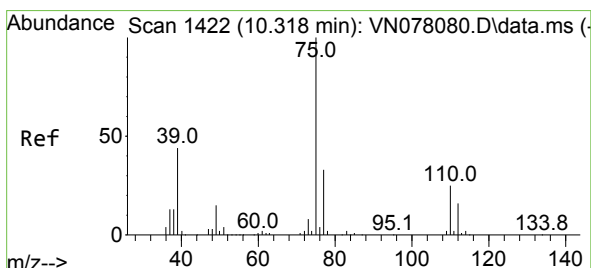
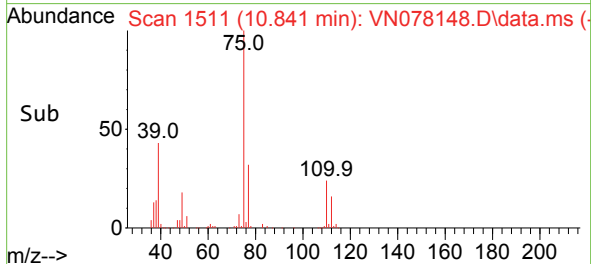
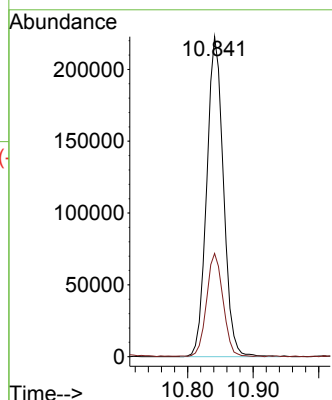
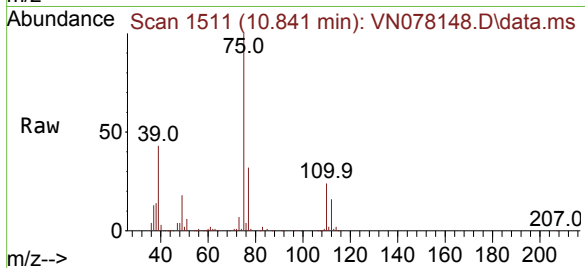




#53
t-1,3-Dichloropropene
Concen: 54.017 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

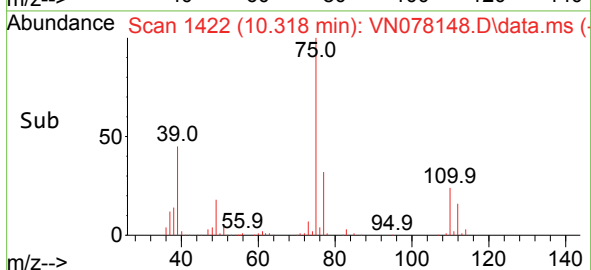
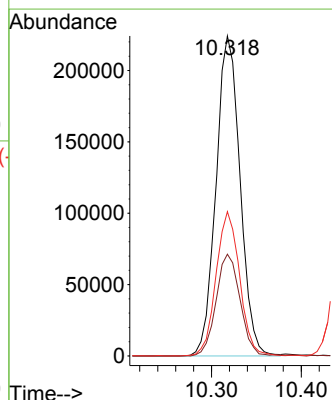
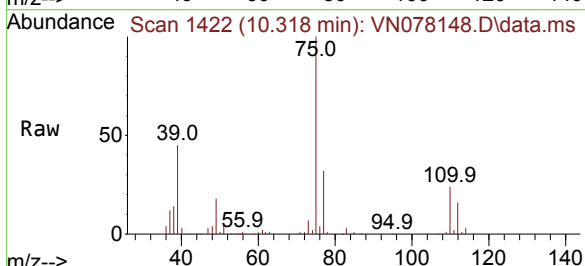
Instrument :
MSVOA_N
ClientSampleId :

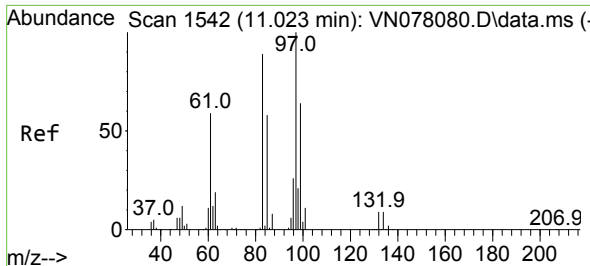
Tgt Ion: 75 Resp: 394852
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.661 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

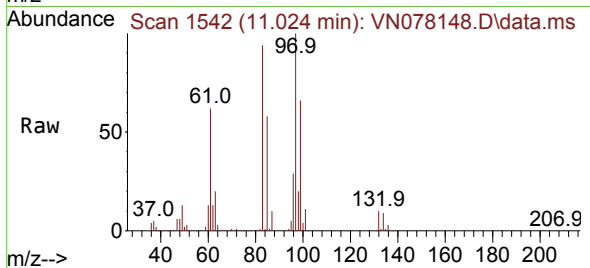
Tgt Ion: 75 Resp: 417440
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 45.1 31.6 47.4



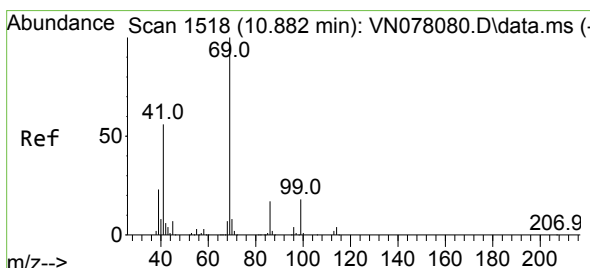
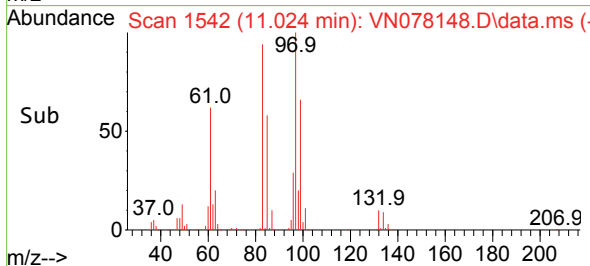
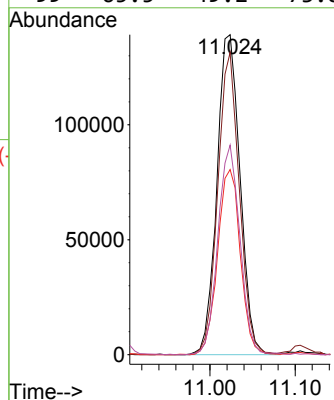


#55
 1,1,2-Trichloroethane
 Concen: 53.272 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

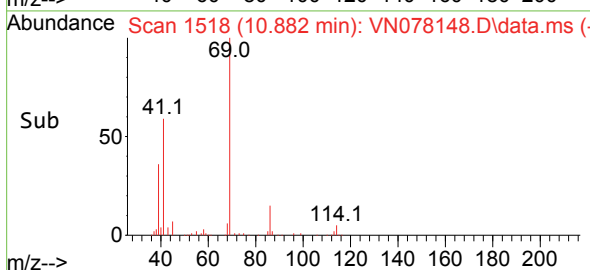
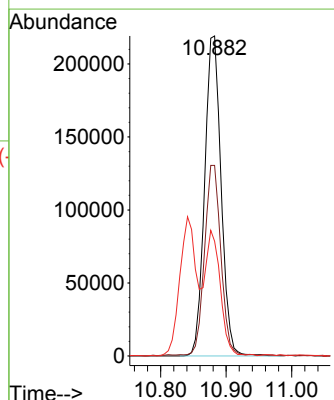
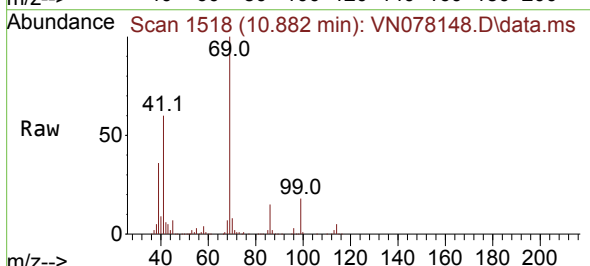


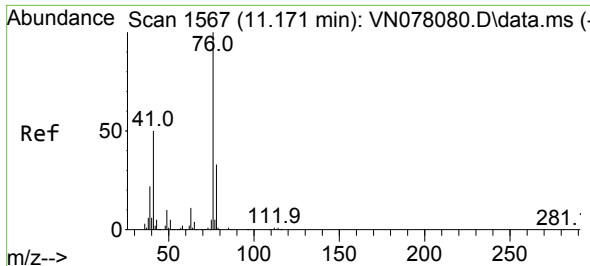
Tgt Ion: 97	Resp: 262345
Ion Ratio	Lower Upper
97 100	
83 94.4	65.1 97.7
85 57.7	43.4 65.2
99 65.5	49.2 73.8



#56
 Ethyl methacrylate
 Concen: 53.454 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion: 69	Resp: 383302
Ion Ratio	Lower Upper
69 100	
41 60.1	39.6 59.4#
39 37.0	28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.133 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

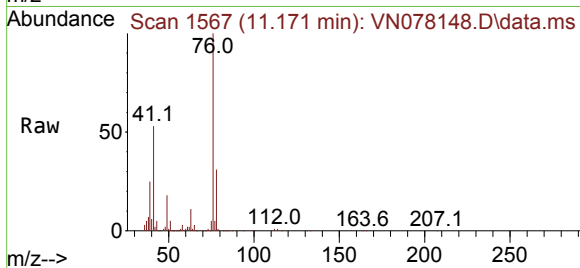
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

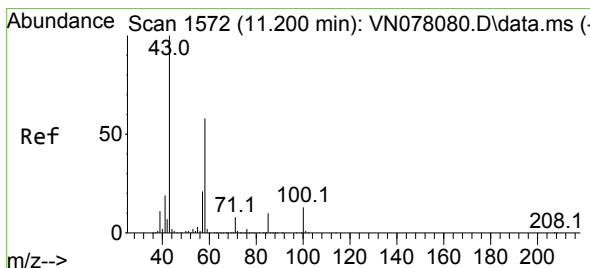
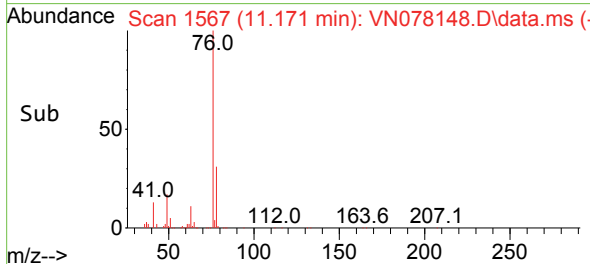
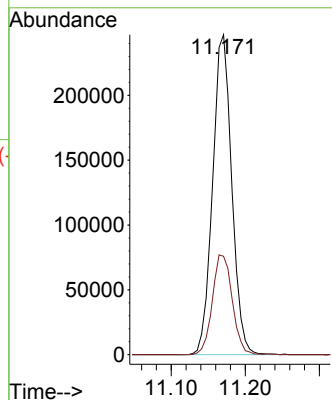


Tgt Ion: 76 Resp: 441671

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#59

2-Hexanone

Concen: 265.645 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN078148.D

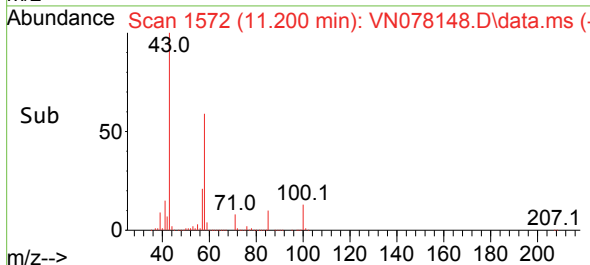
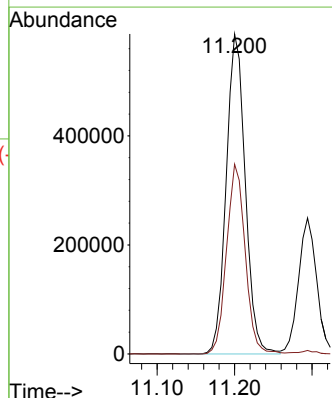
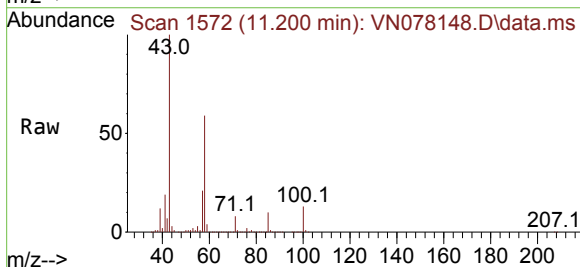
Acq: 09 Jun 2023 16:10

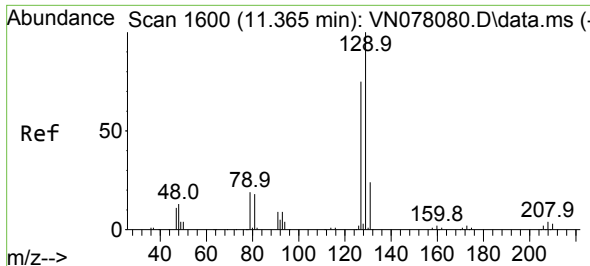
Tgt Ion: 43 Resp: 1005025

Ion Ratio Lower Upper

43 100

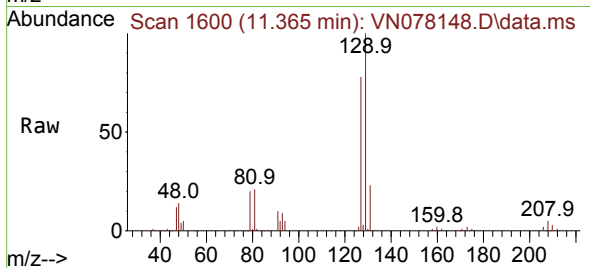
58 58.1 31.7 95.1



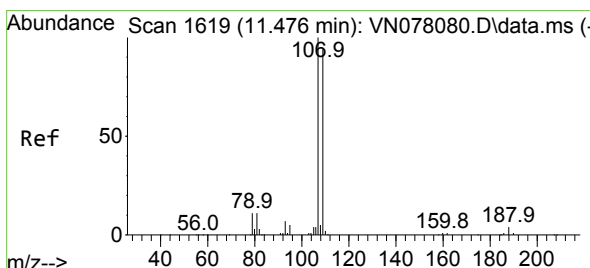
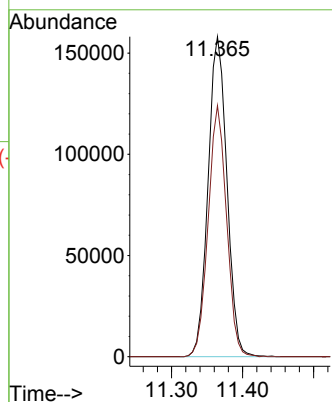
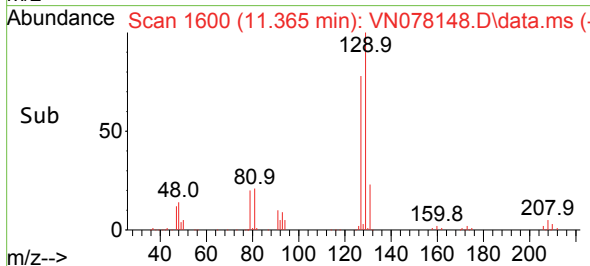


#60
Dibromochloromethane
Concen: 54.092 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :

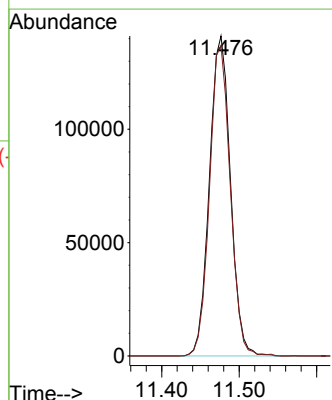
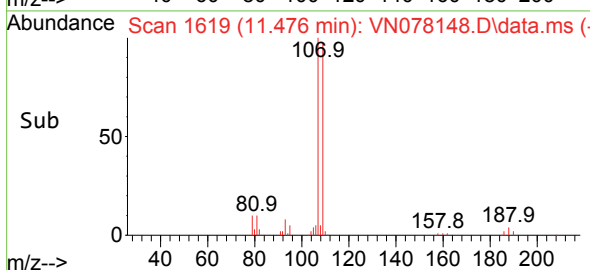
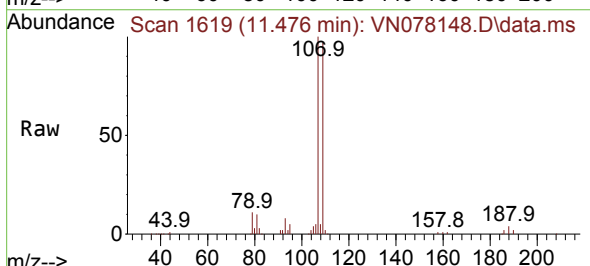


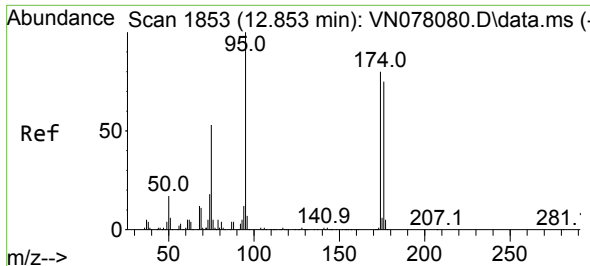
Tgt Ion:129 Resp: 291495
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0



#61
1,2-Dibromoethane
Concen: 51.434 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion:107 Resp: 265816
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

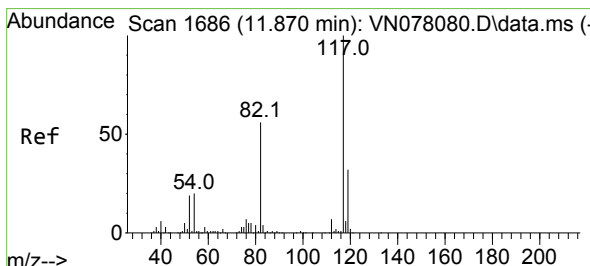
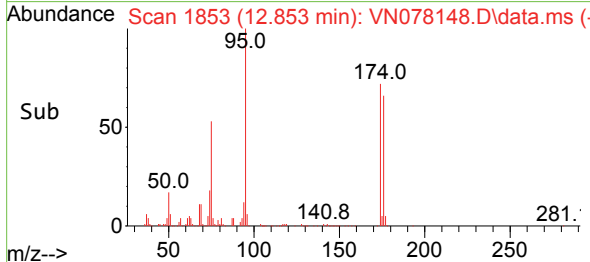
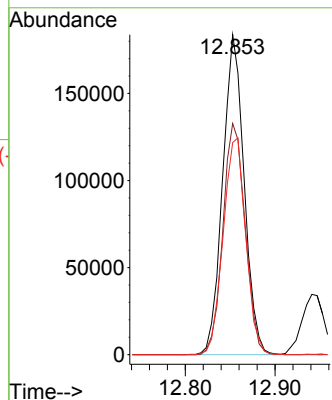
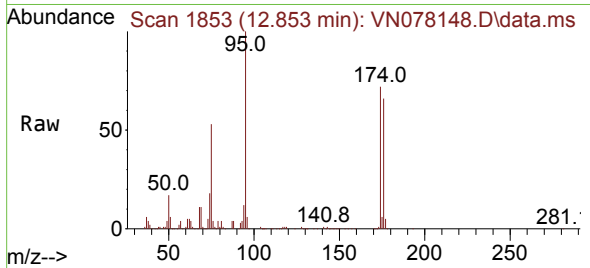




#62
4-Bromofluorobenzene
Concen: 52.814 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

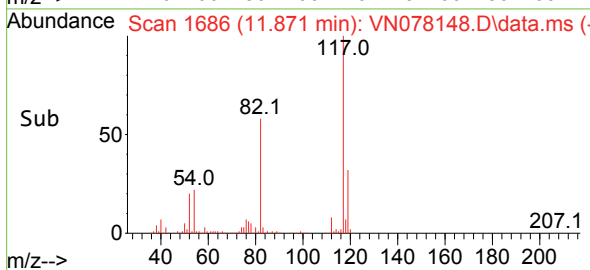
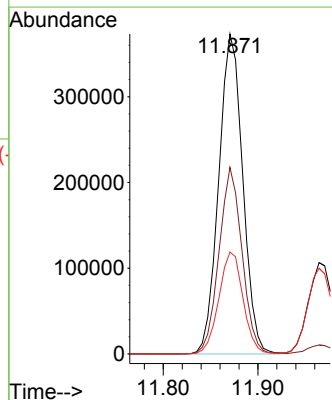
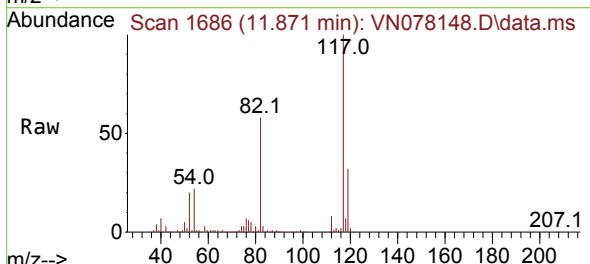
Instrument :
MSVOA_N
ClientSampleId :

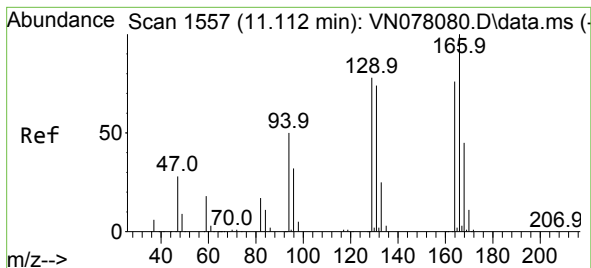
Tgt Ion: 95 Resp: 304768
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 117 Resp: 658460
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.8 25.6 38.4





#64

Tetrachloroethene

Concen: 51.264 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

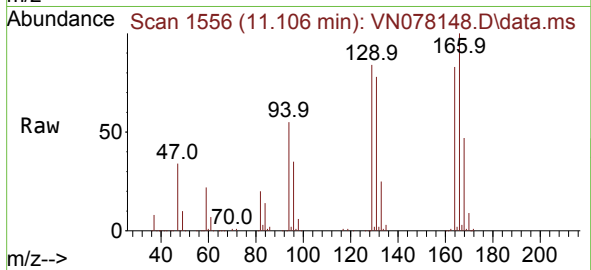
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 225191

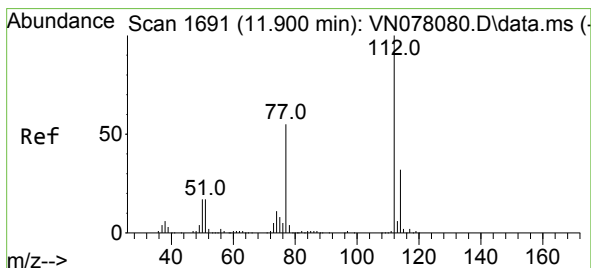
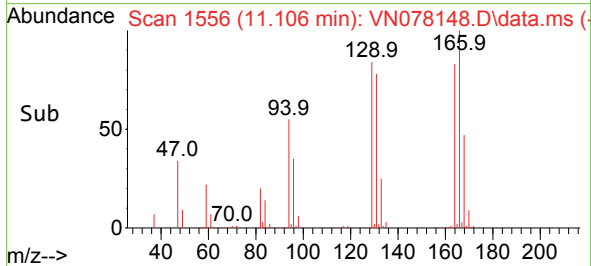
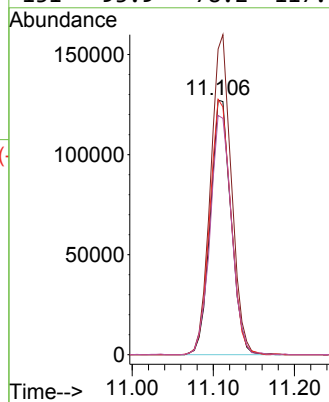
Ion Ratio Lower Upper

164 100

166 120.0 101.4 152.0

129 100.3 82.4 123.6

131 93.9 78.2 117.4



#65

Chlorobenzene

Concen: 50.629 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.000 min

Lab File: VN078148.D

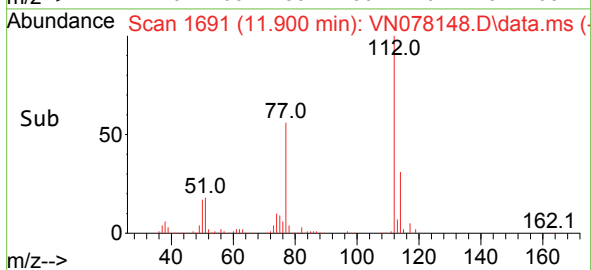
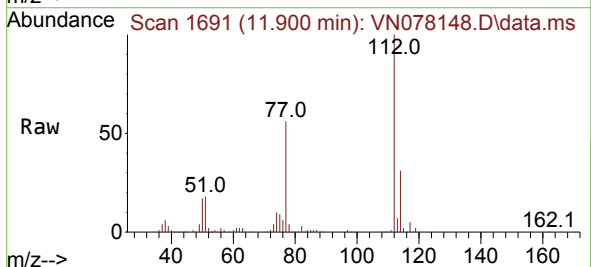
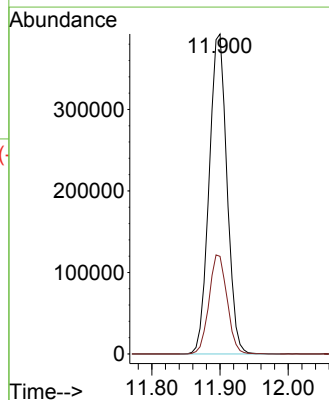
Acq: 09 Jun 2023 16:10

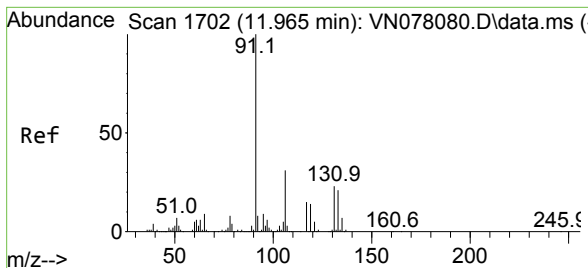
Tgt Ion:112 Resp: 713935

Ion Ratio Lower Upper

112 100

114 30.5 25.0 37.4

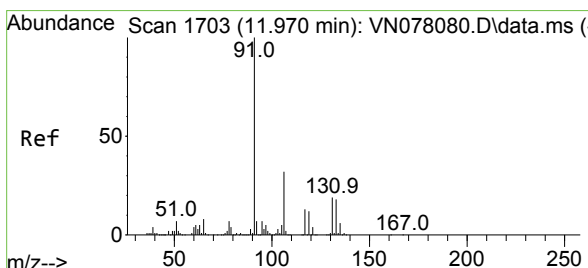
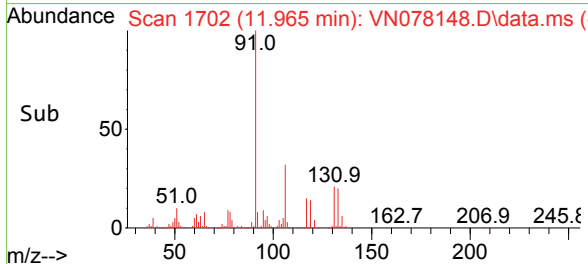
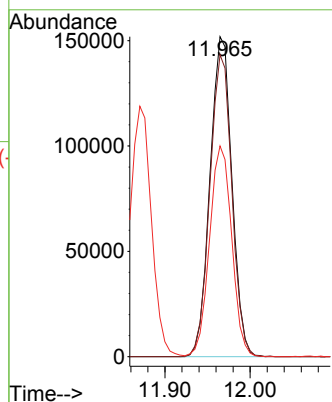
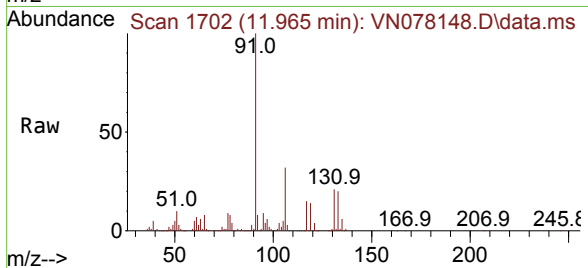




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.243 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

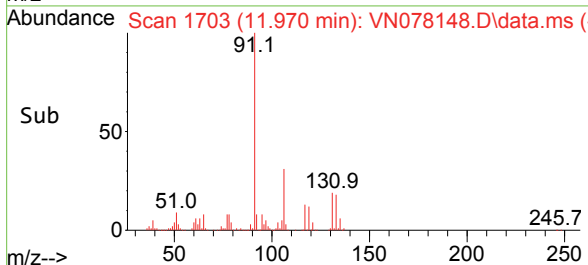
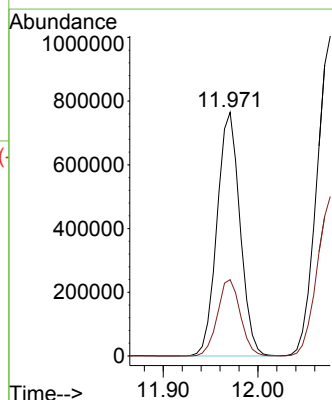
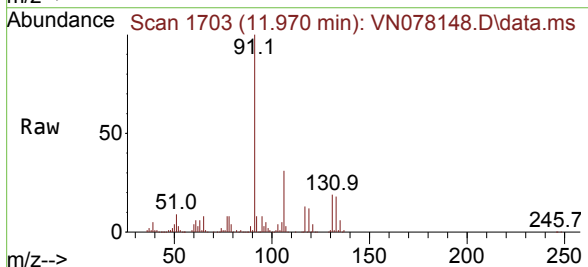
Instrument :
 MSVOA_N
 ClientSampleId :

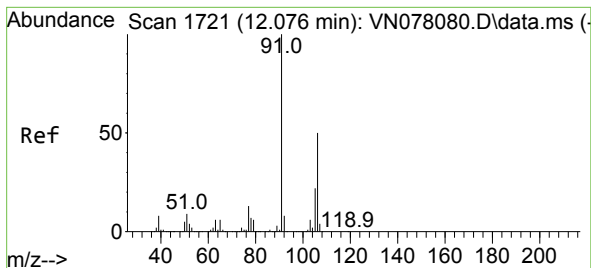
Tgt Ion:131 Resp: 270956
 Ion Ratio Lower Upper
 131 100
 133 94.8 46.4 139.1
 119 66.6 34.1 102.2



#67
 Ethyl Benzene
 Concen: 52.959 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion: 91 Resp: 1288577
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.6 38.4





#68

m/p-Xylenes

Concen: 104.890 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

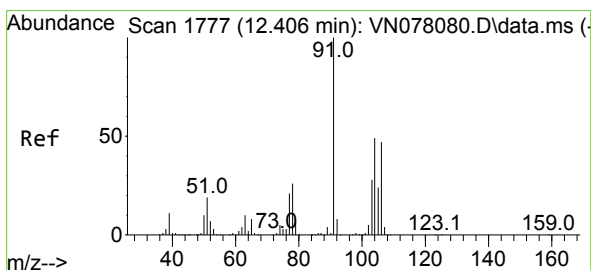
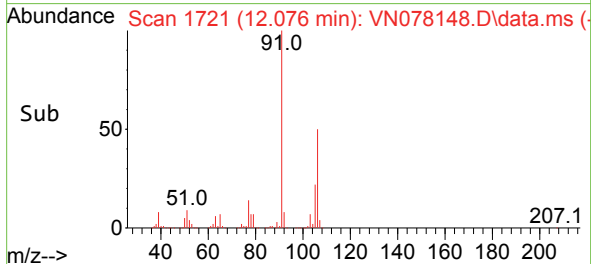
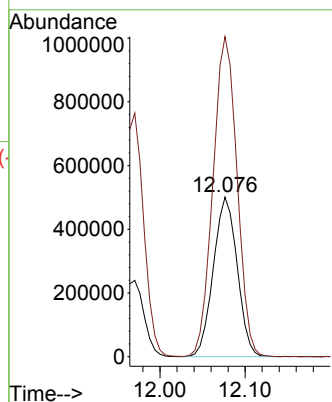
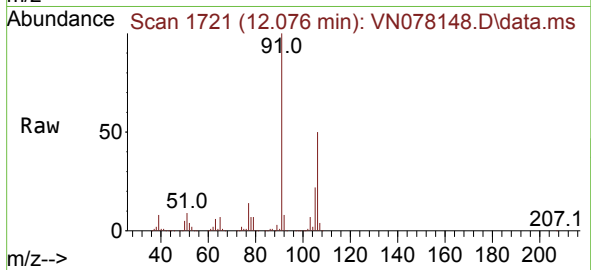
ClientSampleId :

Tgt Ion:106 Resp: 972626

Ion Ratio Lower Upper

106 100

91 202.7 159.6 239.4



#69

o-Xylene

Concen: 52.800 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN078148.D

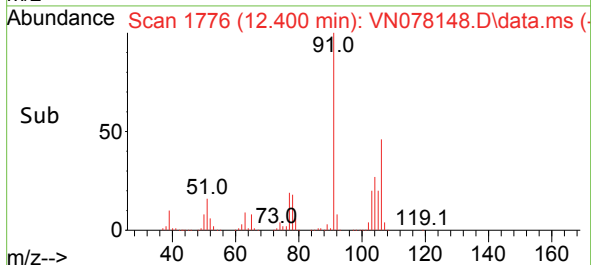
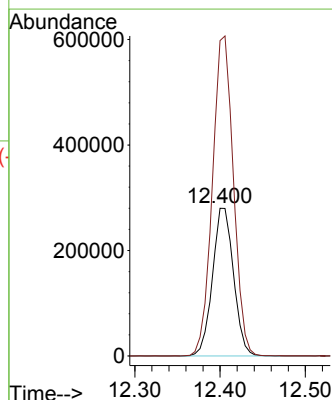
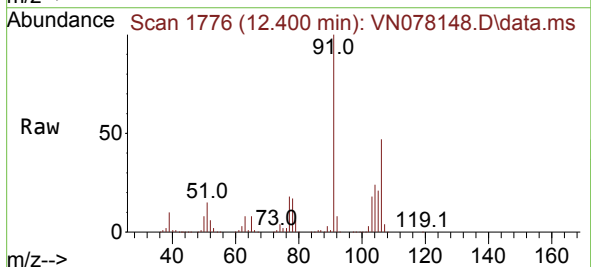
Acq: 09 Jun 2023 16:10

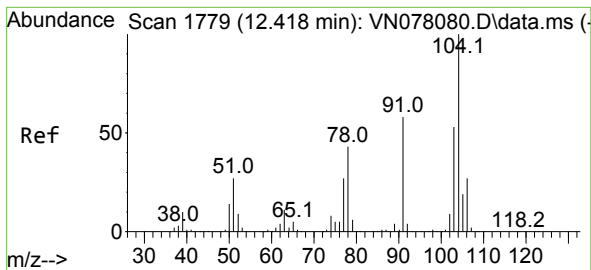
Tgt Ion:106 Resp: 480797

Ion Ratio Lower Upper

106 100

91 216.0 105.2 315.5





#70

Styrene

Concen: 53.504 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

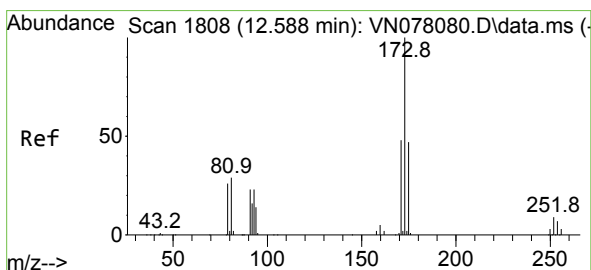
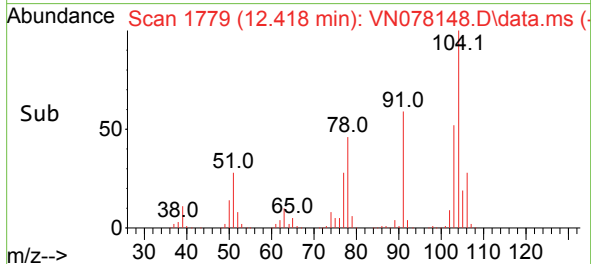
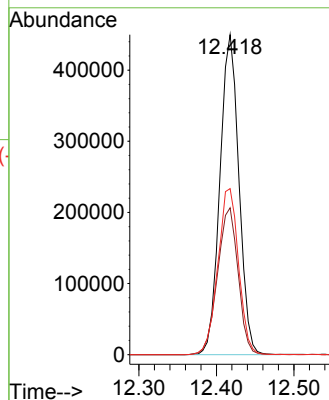
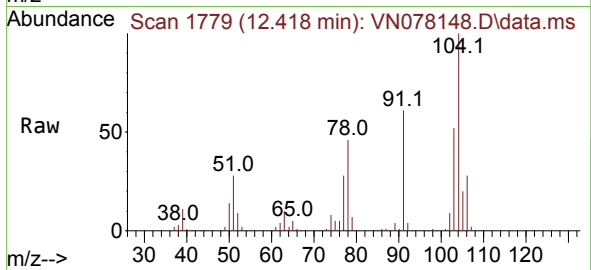
Tgt Ion:104 Resp: 767018

Ion Ratio Lower Upper

104 100

78 49.7 39.5 59.3

103 56.7 43.2 64.8



#71

Bromoform

Concen: 54.281 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

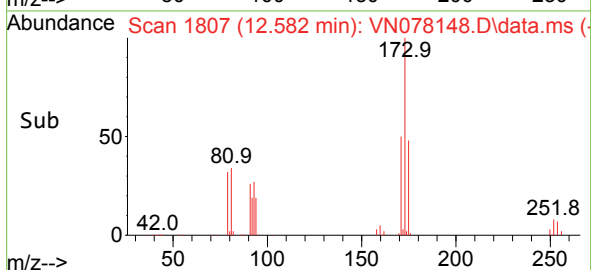
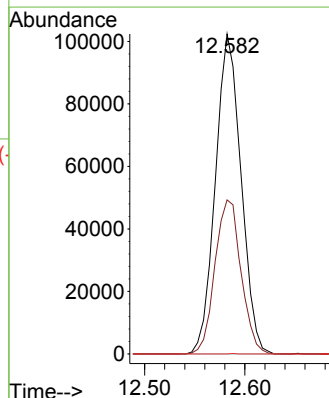
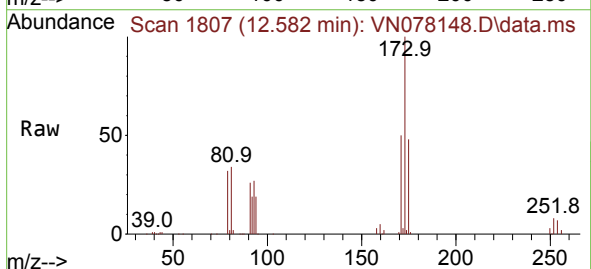
Tgt Ion:173 Resp: 181680

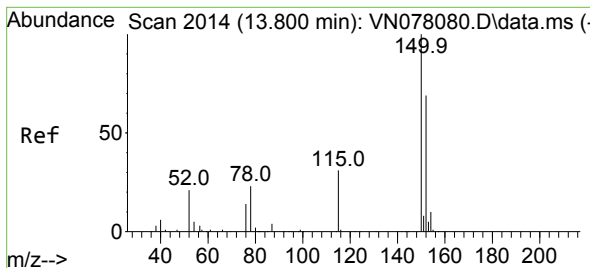
Ion Ratio Lower Upper

173 100

175 48.9 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. 0.000 min

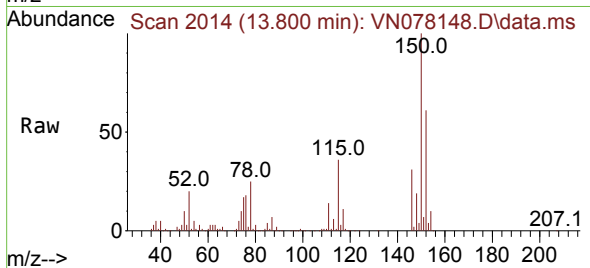
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



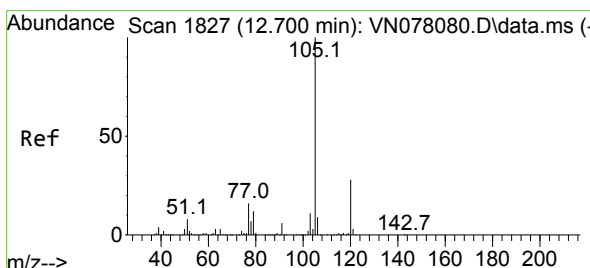
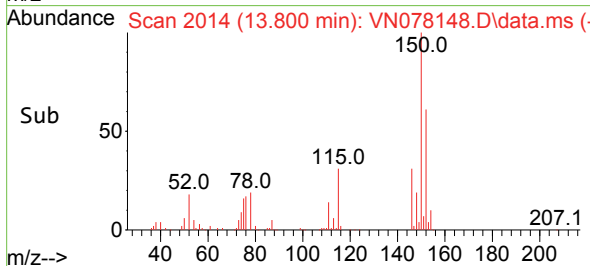
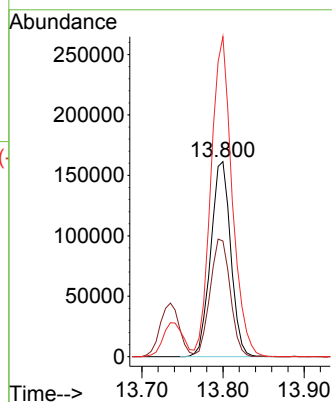
Tgt Ion:152 Resp: 276098

Ion Ratio Lower Upper

152 100

115 60.2 32.3 96.8

150 173.1 0.0 355.8



#73

Isopropylbenzene

Concen: 45.718 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078148.D

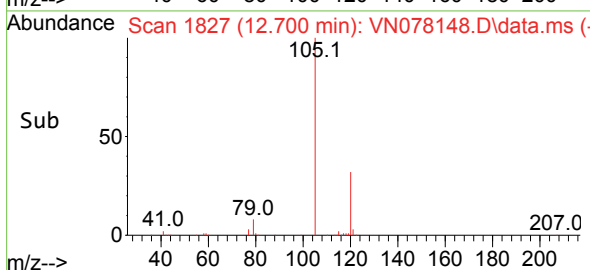
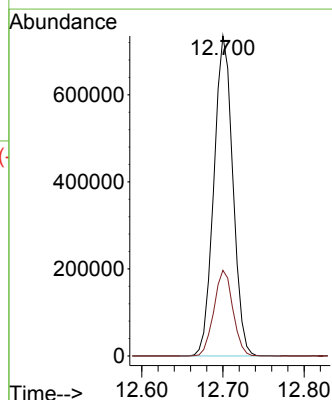
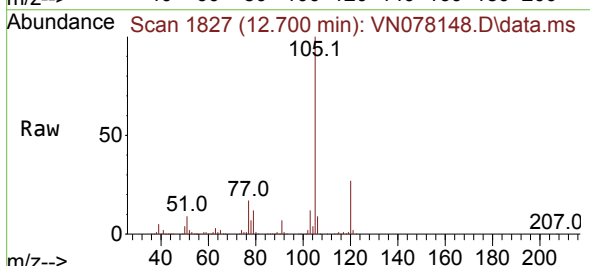
Acq: 09 Jun 2023 16:10

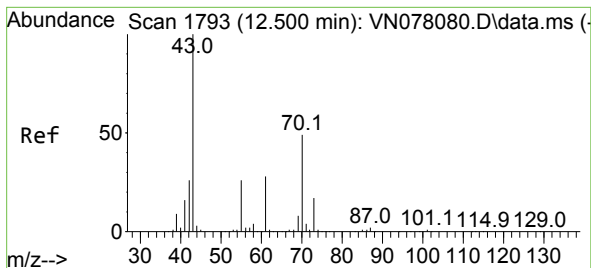
Tgt Ion:105 Resp: 1193642

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1





#74

N-amy1 acetate

Concen: 45.896 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

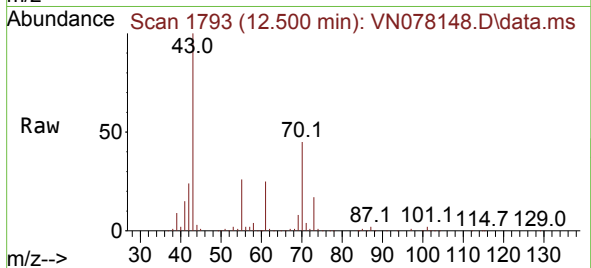
Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 394601

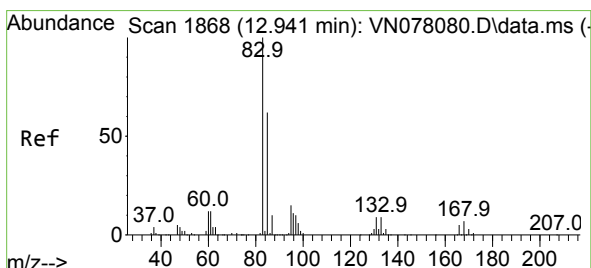
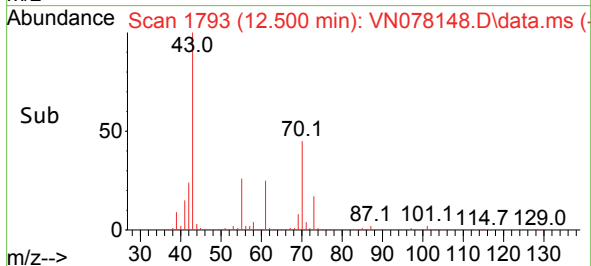
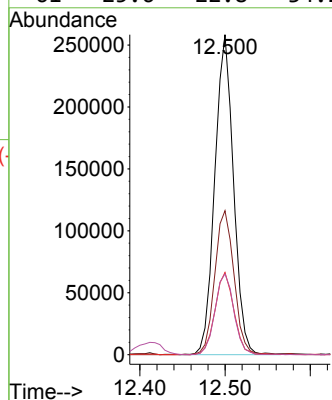
Ion Ratio Lower Upper

43 100

70 46.3 43.4 65.2

55 25.8 21.4 32.0

61 25.6 22.8 34.2



#75

1,1,2,2-Tetrachloroethane

Concen: 51.620 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

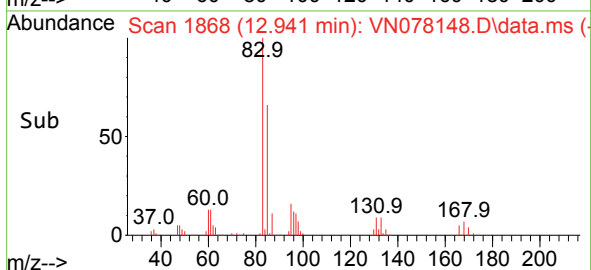
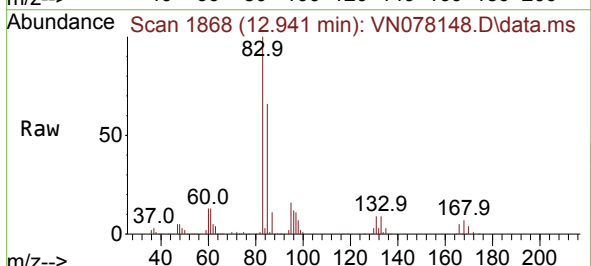
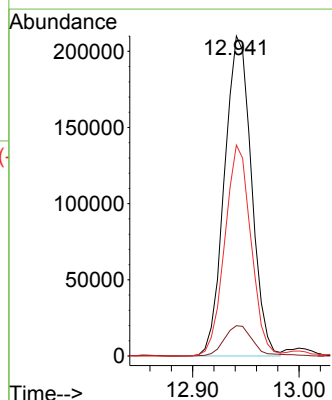
Tgt Ion: 83 Resp: 370112

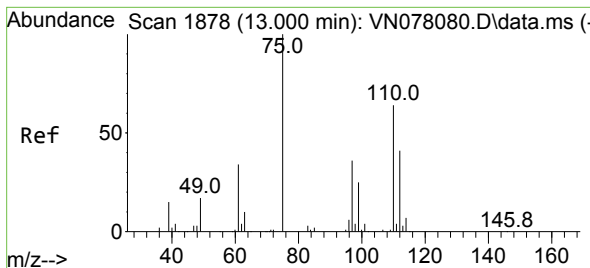
Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 63.9 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 68.397 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

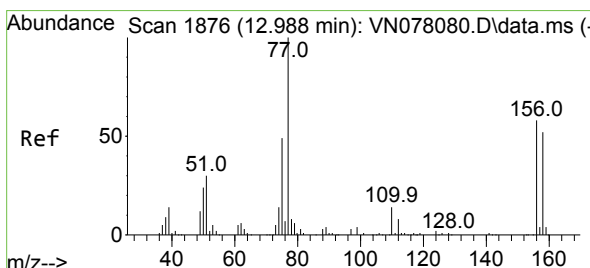
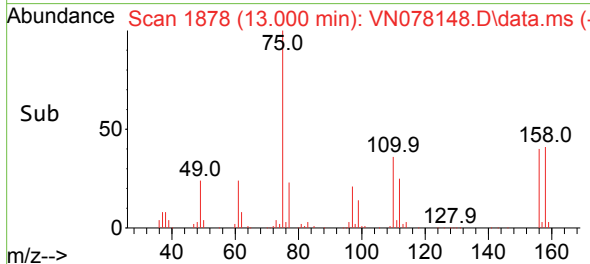
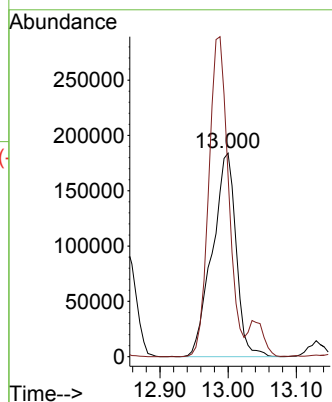
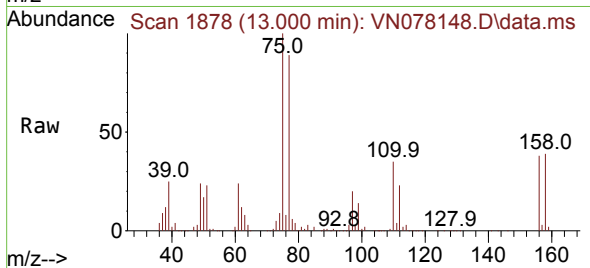
ClientSampleId :

Tgt Ion: 75 Resp: 446429

Ion Ratio Lower Upper

75 100

77 129.7 84.5 253.5



#77

Bromobenzene

Concen: 44.773 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

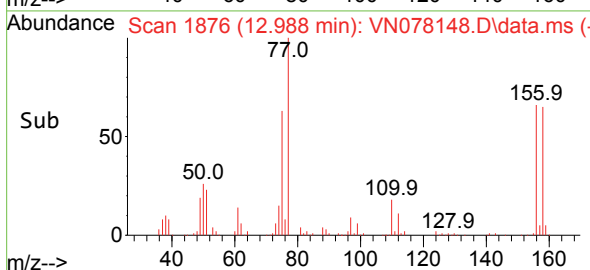
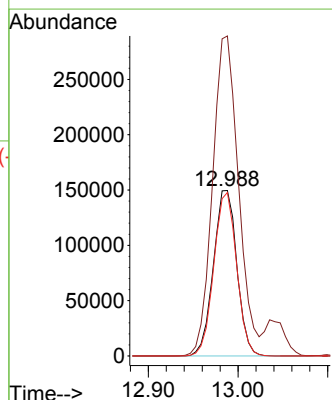
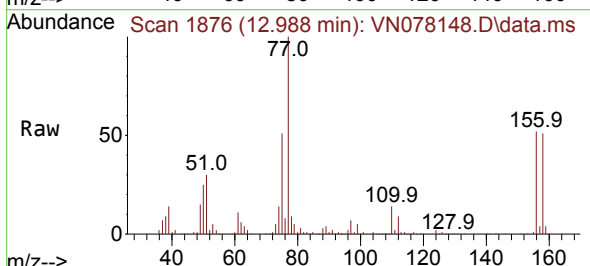
Tgt Ion: 156 Resp: 271359

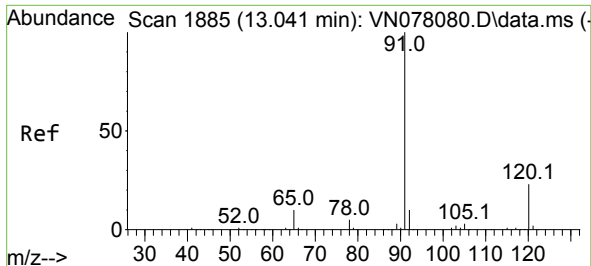
Ion Ratio Lower Upper

156 100

77 213.5 107.7 323.3

158 95.9 48.4 145.3

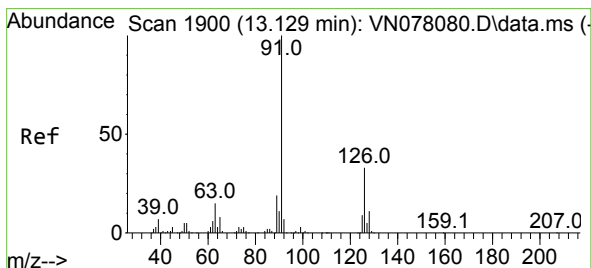
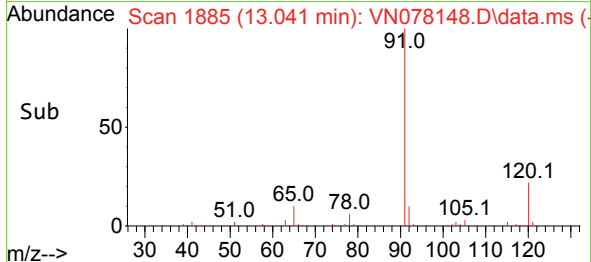
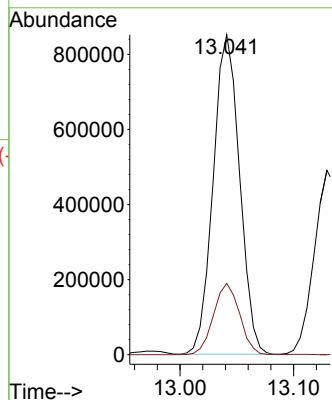
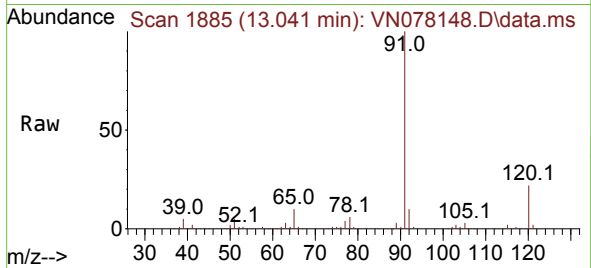




#78
n-propylbenzene
Concen: 48.526 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

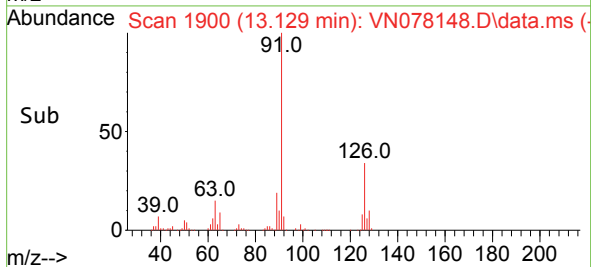
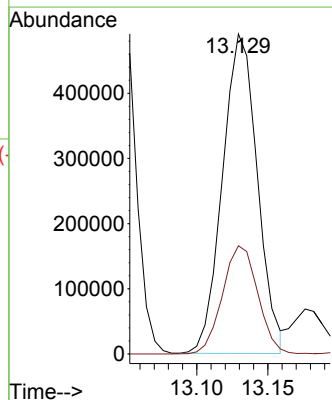
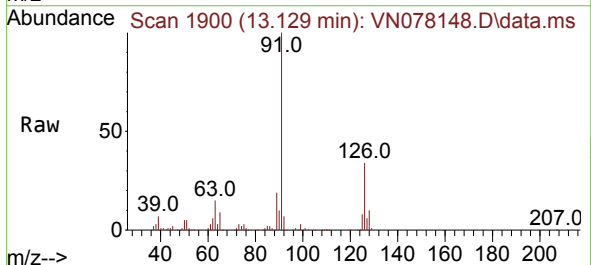
Instrument :
MSVOA_N
ClientSampleId :

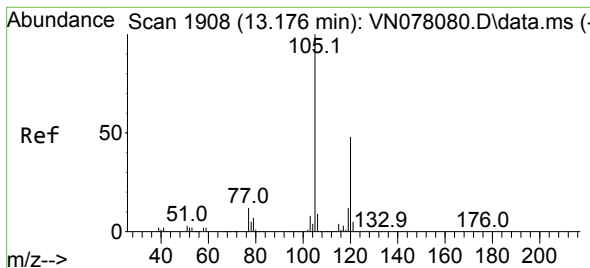
Tgt Ion: 91 Resp: 1376505
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 45.744 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 91 Resp: 837597
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 46.349 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

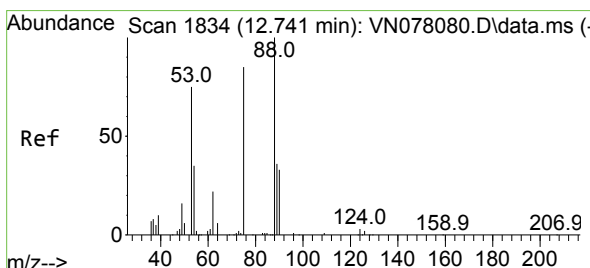
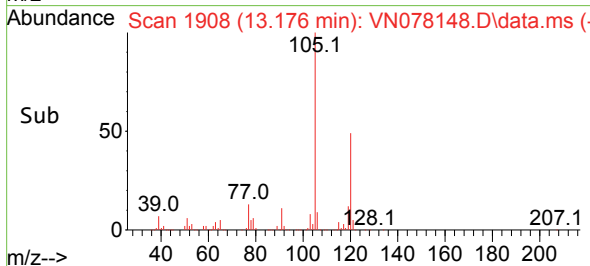
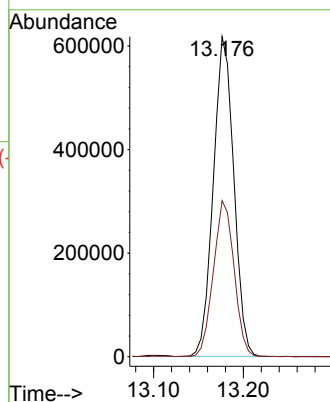
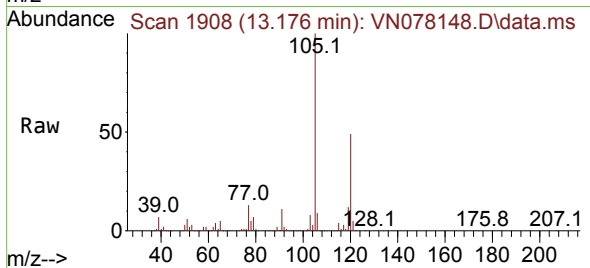
ClientSampleId :

Tgt Ion:105 Resp: 979735

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 48.226 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

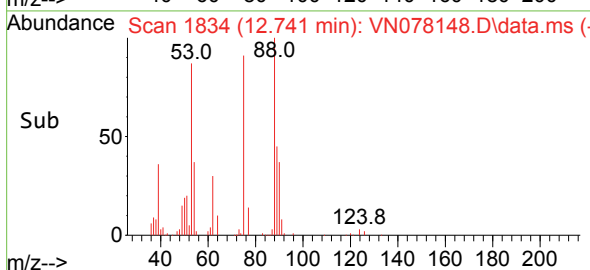
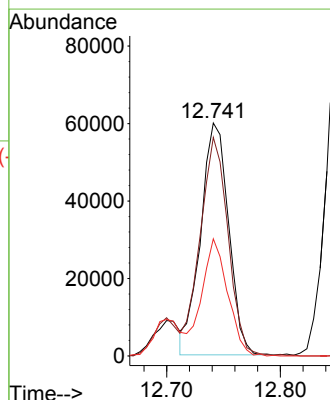
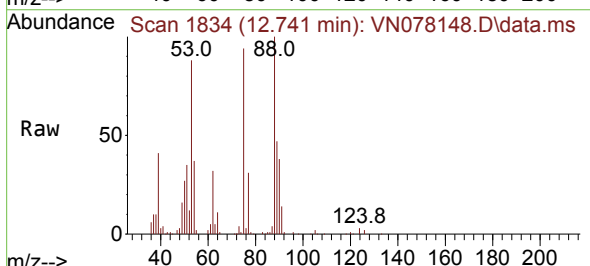
Tgt Ion: 75 Resp: 102454

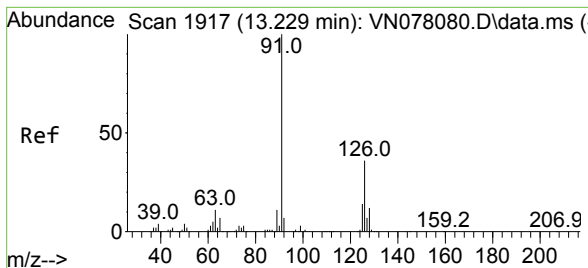
Ion Ratio Lower Upper

75 100

53 95.0 67.4 101.2

89 46.3 38.8 58.2

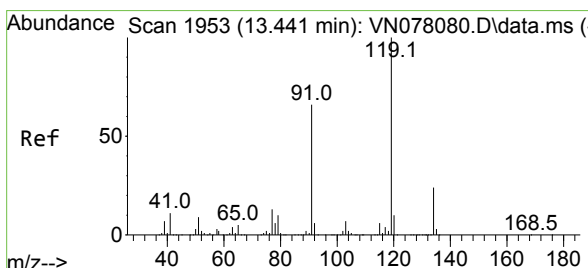
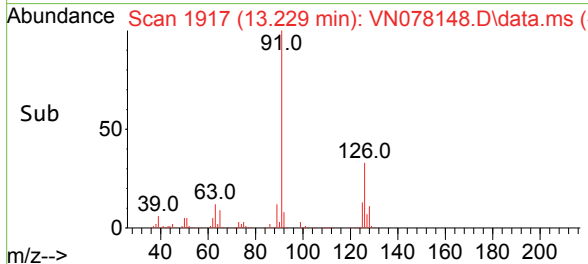
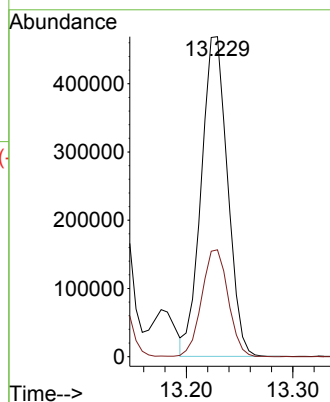
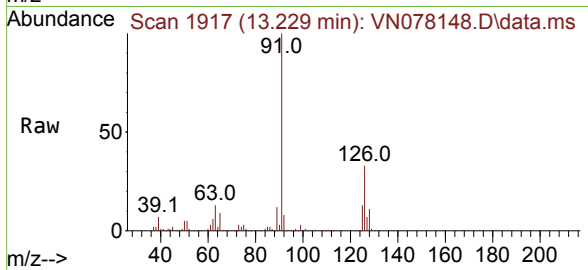




#82
4-Chlorotoluene
Concen: 47.096 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

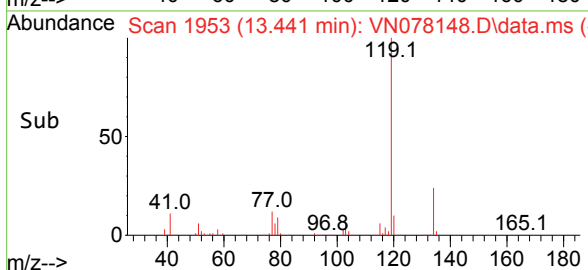
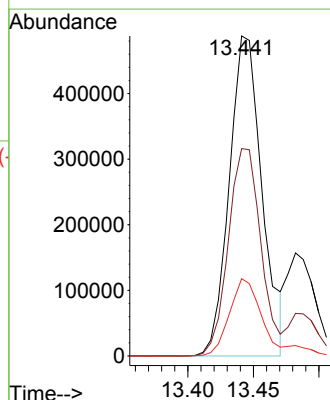
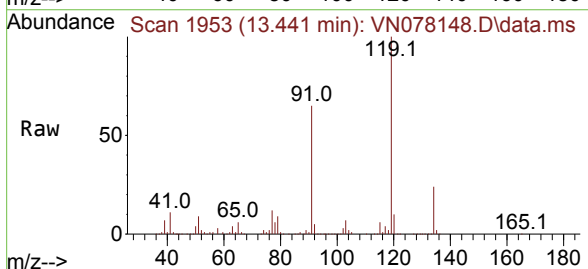
Instrument :
MSVOA_N
ClientSampleId :

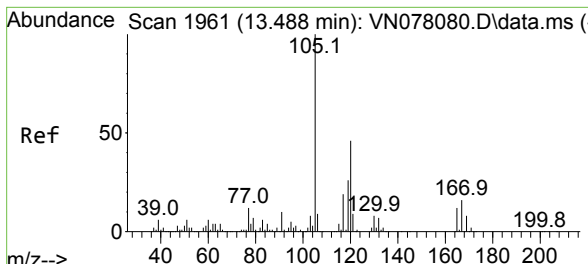
Tgt Ion: 91 Resp: 804824
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0



#83
tert-Butylbenzene
Concen: 46.167 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 119 Resp: 848300
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.5 13.2 39.6

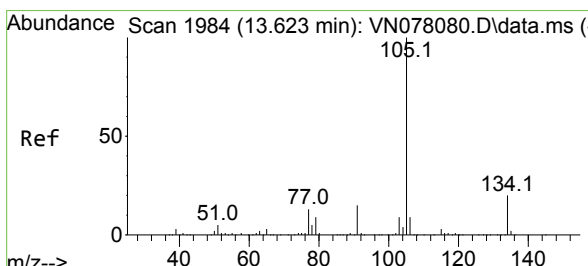
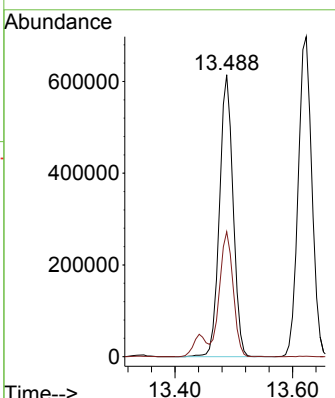
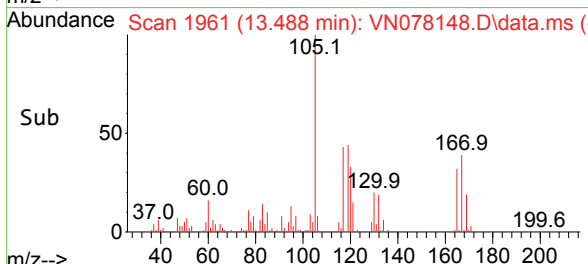
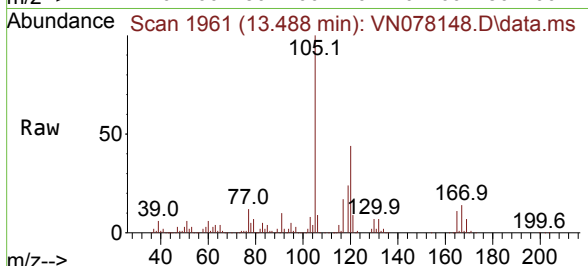




#84
 1,2,4-Trimethylbenzene
 Concen: 47.995 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

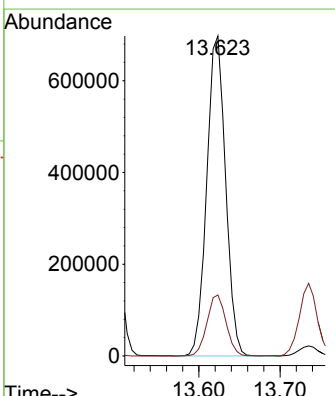
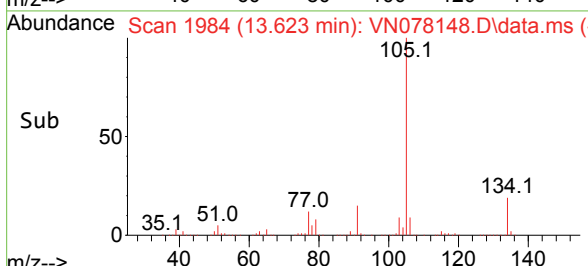
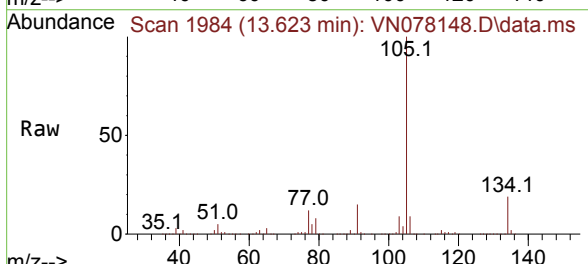
Instrument :
 MSVOA_N
 ClientSampleId :

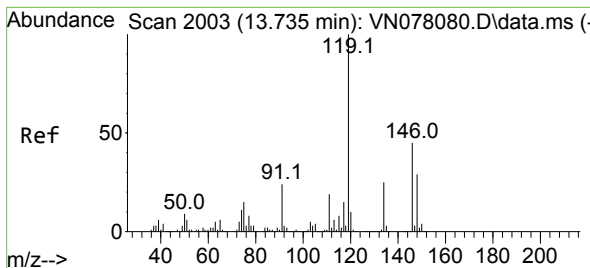
Tgt Ion:105 Resp: 983598
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 46.744 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion:105 Resp: 1124189
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3





#86

p-Isopropyltoluene

Concen: 48.038 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

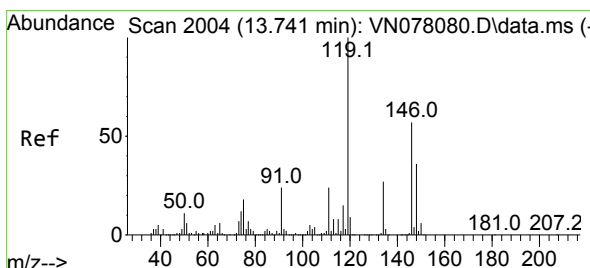
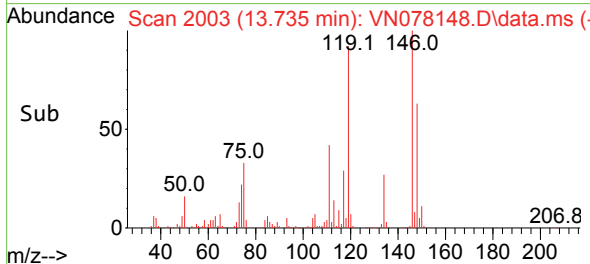
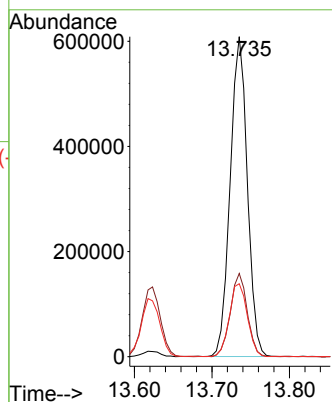
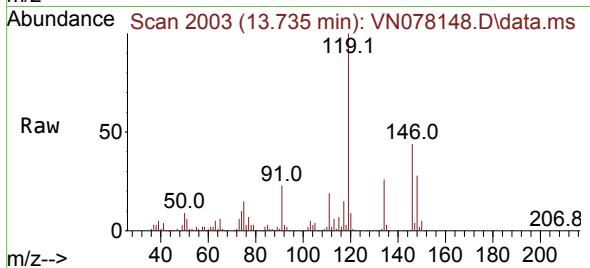
Tgt Ion:119 Resp: 937525

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 23.9 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 46.208 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

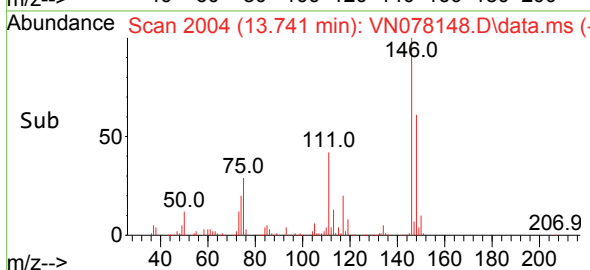
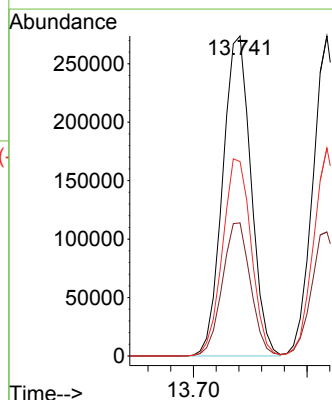
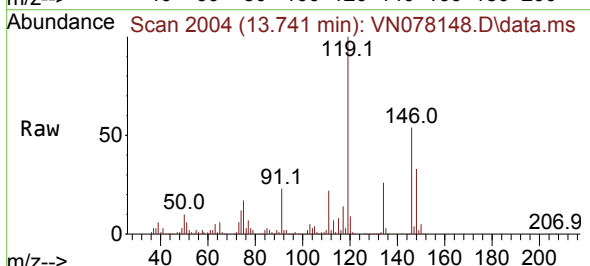
Tgt Ion:146 Resp: 473717

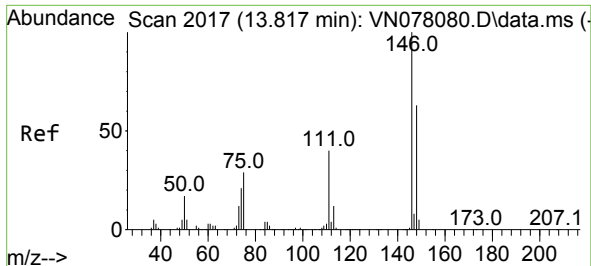
Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.3

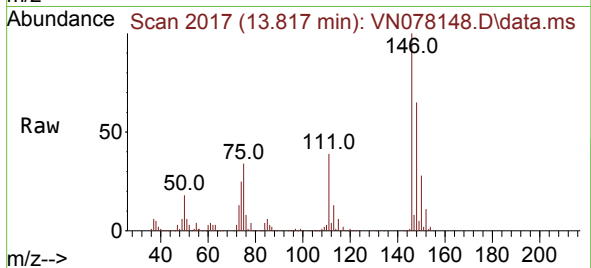
148 62.4 32.0 96.0



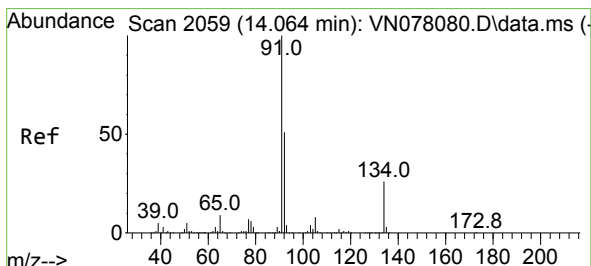
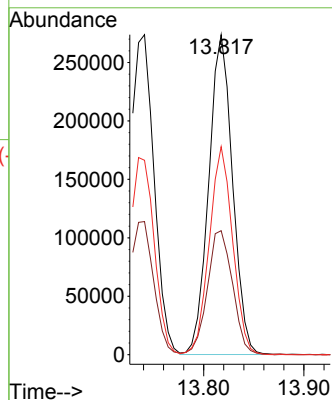
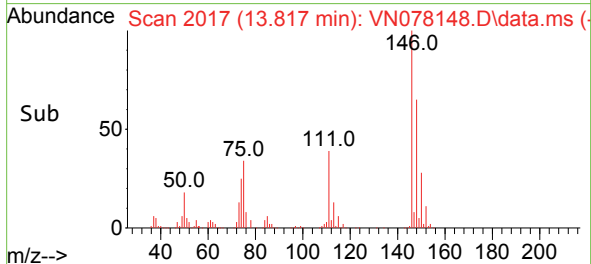


#88
1,4-Dichlorobenzene
Concen: 45.698 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

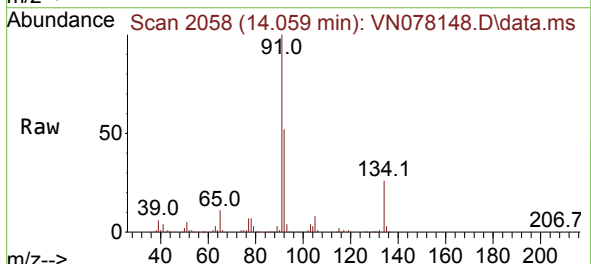
Instrument :
MSVOA_N
ClientSampleId :



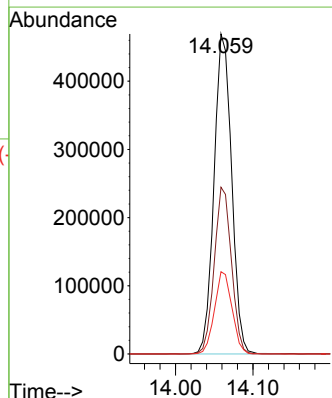
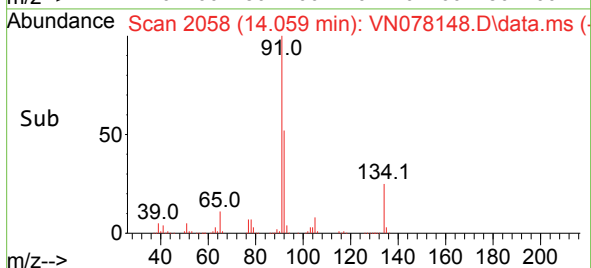
Tgt Ion:146 Resp: 452072
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.9 31.6 94.8

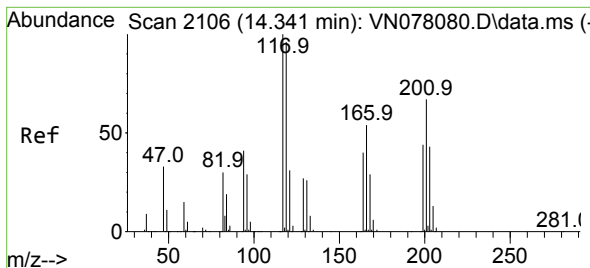


#89
n-Butylbenzene
Concen: 48.068 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



Tgt Ion: 91 Resp: 739938
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.6 12.6 37.6





#90

Hexachloroethane

Concen: 49.005 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

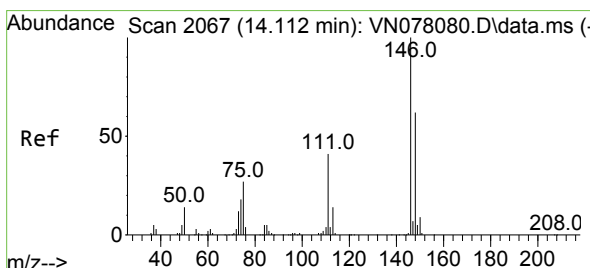
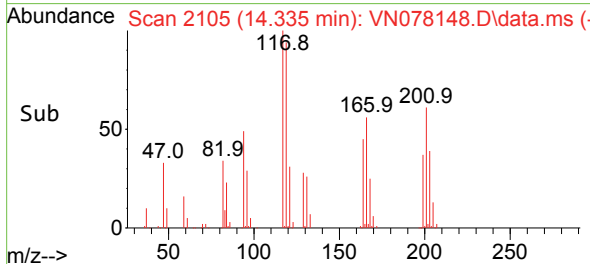
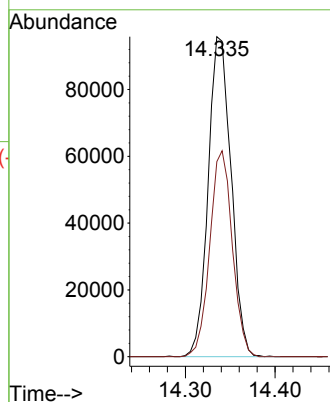
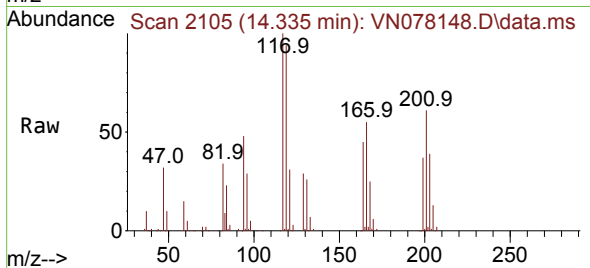
ClientSampleId :

Tgt Ion:117 Resp: 169725

Ion Ratio Lower Upper

117 100

201 63.3 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 46.321 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

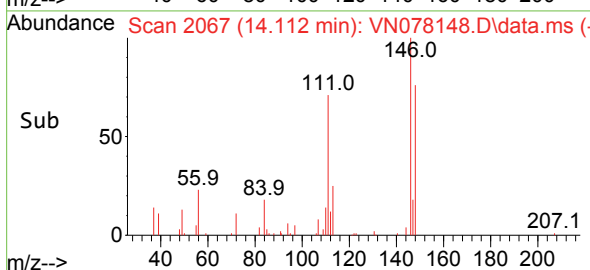
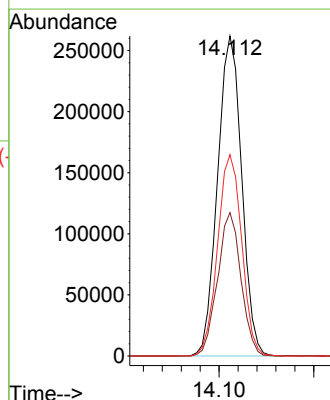
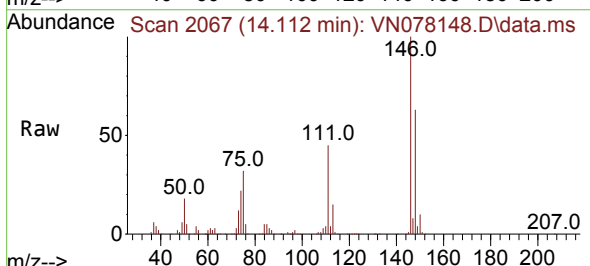
Tgt Ion:146 Resp: 464110

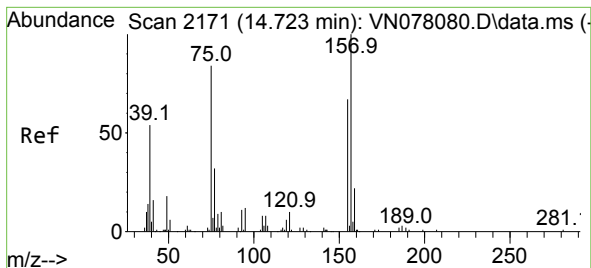
Ion Ratio Lower Upper

146 100

111 43.5 22.0 66.0

148 62.7 31.8 95.3

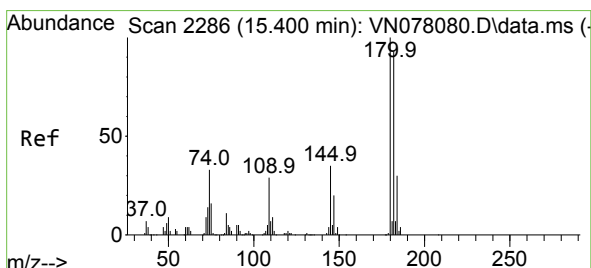
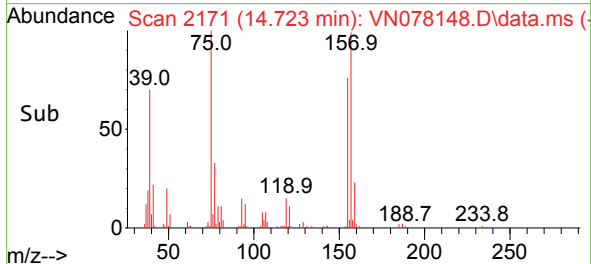
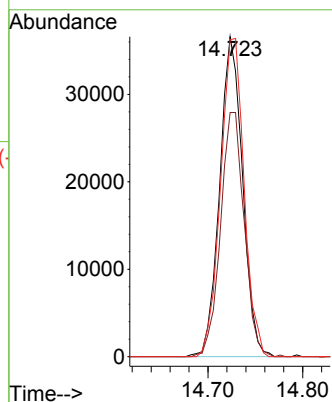
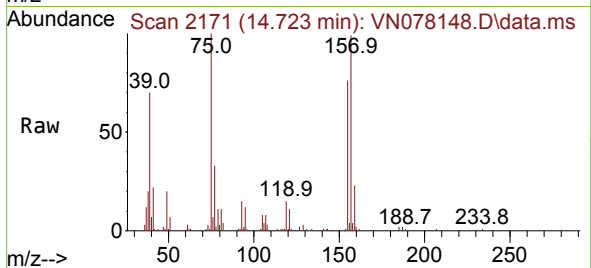




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.507 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

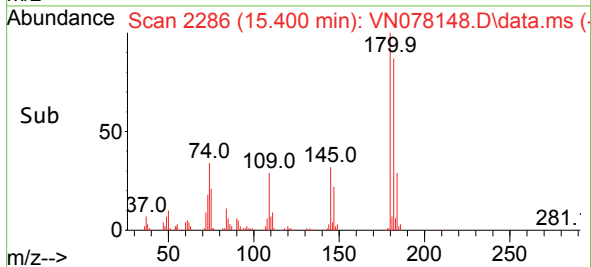
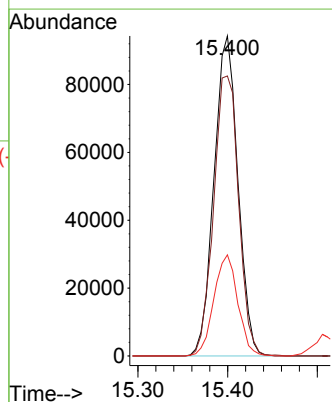
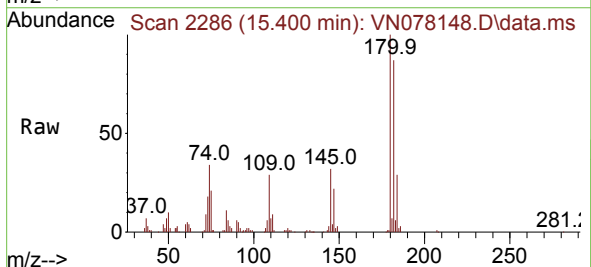
Instrument :
 MSVOA_N
 ClientSampleId :

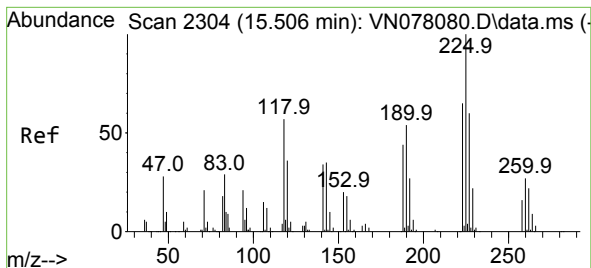
Tgt Ion: 75 Resp: 61437
 Ion Ratio Lower Upper
 75 100
 155 78.9 39.1 117.2
 157 102.2 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 48.857 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Tgt Ion: 180 Resp: 174414
 Ion Ratio Lower Upper
 180 100
 182 91.5 46.1 138.2
 145 31.6 16.6 49.8





#94

Hexachlorobutadiene

Concen: 52.292 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

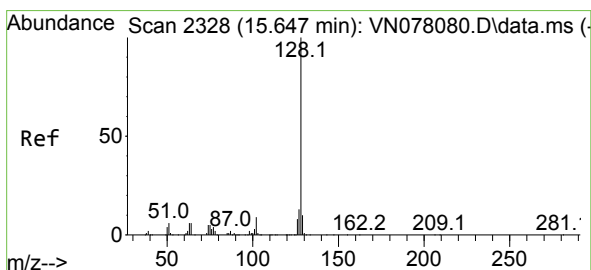
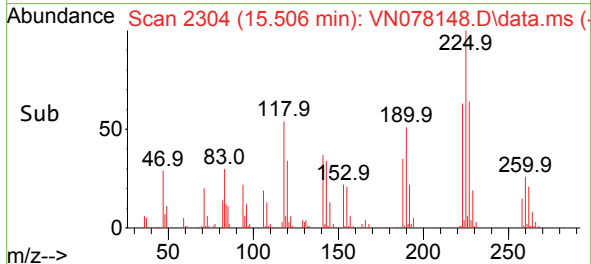
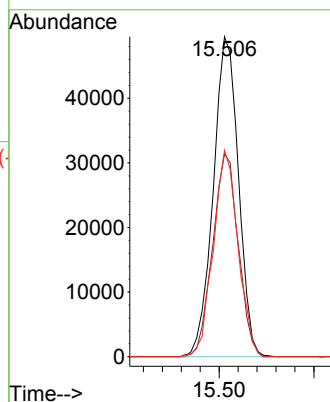
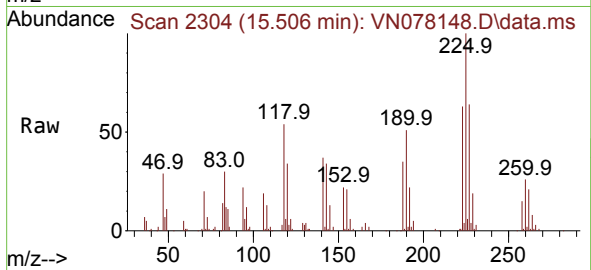
Tgt Ion:225 Resp: 91290

Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.8

227 63.2 31.9 95.9



#95

Naphthalene

Concen: 43.918 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078148.D

Acq: 09 Jun 2023 16:10

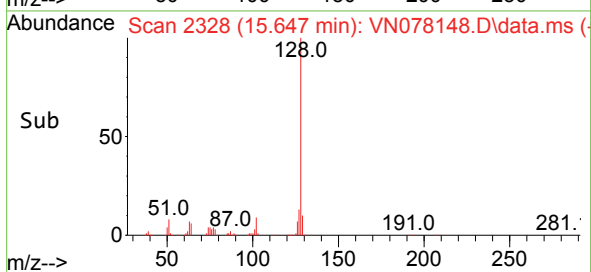
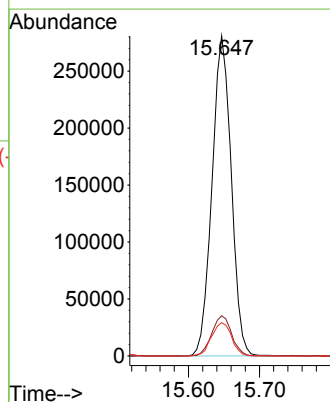
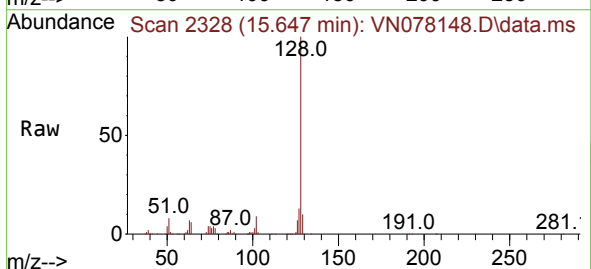
Tgt Ion:128 Resp: 527382

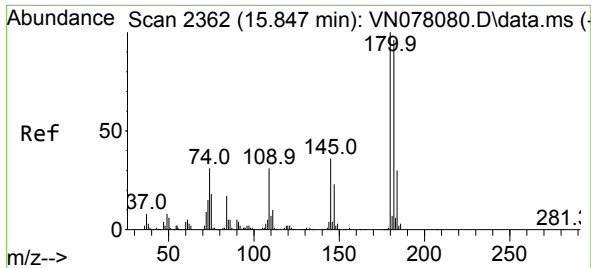
Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

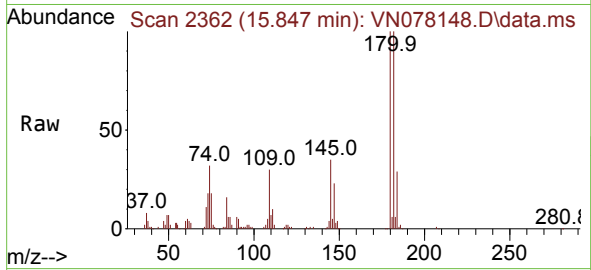
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.825 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	174976
Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.2	138.6
145	34.4	17.5	52.6

