

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078969.D
 Acq On : 21 Aug 2023 12:55
 Operator : JC\MD
 Sample : VN0821WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 00:55:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	218695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	323840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	137827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146158	42.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.900%
35) Dibromofluoromethane	8.171	113	115910	46.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	10.571	98	423869	46.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.853	95	136216	45.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54143	17.843	ug/l	98
3) Chloromethane	2.365	50	58303	13.761	ug/l	96
4) Vinyl Chloride	2.512	62	59630	16.049	ug/l	95
5) Bromomethane	2.953	94	38399	18.000	ug/l	98
6) Chloroethane	3.118	64	38245	14.724	ug/l	96
7) Trichlorofluoromethane	3.500	101	79654	17.601	ug/l	97
8) Diethyl Ether	3.965	74	27641	16.111	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	44101	18.297	ug/l	99
10) Methyl Iodide	4.583	142	46388	17.202	ug/l	98
11) Tert butyl alcohol	5.536	59	44019	77.085	ug/l	98
12) 1,1-Dichloroethene	4.342	96	40441	17.225	ug/l	95
13) Acrolein	4.189	56	26812	77.990	ug/l	99
14) Allyl chloride	5.030	41	80501	17.227	ug/l #	87
15) Acrylonitrile	5.730	53	131118	84.757	ug/l	99
16) Acetone	4.436	43	124913	88.959	ug/l #	87
17) Carbon Disulfide	4.712	76	116239	17.687	ug/l	98
18) Methyl Acetate	5.030	43	96607	16.286	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	142355	16.832	ug/l	96
20) Methylene Chloride	5.283	84	51077	17.069	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	46498	17.661	ug/l #	80
22) Diisopropyl ether	6.677	45	164409	16.631	ug/l #	90
23) Vinyl Acetate	6.612	43	531477	81.651	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	91417	16.927	ug/l	96
25) 2-Butanone	7.488	43	182887	81.238	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	75348	17.261	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	54814	17.129	ug/l	89
28) Bromochloromethane	7.824	49	55575	19.399	ug/l #	72
29) Tetrahydrofuran	7.841	42	126527	84.912	ug/l #	69
30) Chloroform	7.971	83	92442	17.134	ug/l	99
31) Cyclohexane	8.265	56	73892	15.593	ug/l	82
32) 1,1,1-Trichloroethane	8.177	97	80253	17.445	ug/l	96
36) 1,1-Dichloropropene	8.377	75	68609	18.461	ug/l	93
37) Ethyl Acetate	7.571	43	75278	18.104	ug/l #	89
38) Carbon Tetrachloride	8.365	117	68917	18.507	ug/l	97
39) Methylcyclohexane	9.606	83	58250	17.042	ug/l #	87
40) Benzene	8.612	78	203327	18.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	41471	18.312	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	73284	17.857	ug/l	99
43) Isopropyl Acetate	8.694	43	134175	18.256	ug/l #	85
44) Trichloroethene	9.359	130	49634	19.016	ug/l	99
45) 1,2-Dichloropropane	9.624	63	55339	18.922	ug/l	100
46) Dibromomethane	9.712	93	36334	18.113	ug/l	93
47) Bromodichloromethane	9.894	83	73953	18.670	ug/l	100
48) Methyl methacrylate	9.682	41	56135	16.855	ug/l #	79
49) 1,4-Dioxane	9.700	88	21418	377.565	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	383013	87.867	ug/l #	86
52) Toluene	10.635	92	123918	18.374	ug/l	98
53) t-1,3-Dichloropropene	10.847	75	78692	18.525	ug/l	90
54) cis-1,3-Dichloropropene	10.323	75	82569	17.847	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	51199	18.933	ug/l	99
56) Ethyl methacrylate	10.876	69	74315	17.728	ug/l #	74
57) 1,3-Dichloropropane	11.170	76	88490	18.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162926	80.969	ug/l	89
59) 2-Hexanone	11.200	43	277126	87.776	ug/l	82
60) Dibromochloromethane	11.365	129	54901	19.293	ug/l	100
61) 1,2-Dibromoethane	11.470	107	50336	18.317	ug/l	97
64) Tetrachloroethene	11.106	164	38421	18.919	ug/l	93
65) Chlorobenzene	11.900	112	128615	18.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	49095	18.846	ug/l	97
67) Ethyl Benzene	11.970	91	222912	17.782	ug/l	96
68) m/p-Xylenes	12.076	106	172724	36.853	ug/l	99
69) o-Xylene	12.406	106	82327	18.057	ug/l	95
70) Styrene	12.417	104	135417	17.813	ug/l	98
71) Bromoform	12.582	173	36841	19.452	ug/l #	99
73) Isopropylbenzene	12.700	105	200219	17.422	ug/l	99
74) N-amyl acetate	12.500	43	97631	16.830	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	75358	18.160	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	91043	27.415	ug/l	69
77) Bromobenzene	12.982	156	52211	18.901	ug/l	98
78) n-propylbenzene	13.041	91	226718	17.013	ug/l	98
79) 2-Chlorotoluene	13.129	91	148196	17.927	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	162182	17.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25304	19.464	ug/l	87
82) 4-Chlorotoluene	13.223	91	140885	17.418	ug/l	97
83) tert-Butylbenzene	13.441	119	134107	17.526	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	157644	17.481	ug/l	95
85) sec-Butylbenzene	13.623	105	174737	16.593	ug/l	98
86) p-Isopropyltoluene	13.735	119	144163	17.135	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	83984	17.668	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	83192	17.486	ug/l	97
89) n-Butylbenzene	14.064	91	109018	15.745	ug/l	100
90) Hexachloroethane	14.335	117	29141	17.279	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	85861	18.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	12654	15.443	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	25910	15.462	ug/l	91
94) Hexachlorobutadiene	15.506	225	15855	16.257	ug/l	98
95) Naphthalene	15.647	128	73700	13.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	29366	16.000	ug/l	92

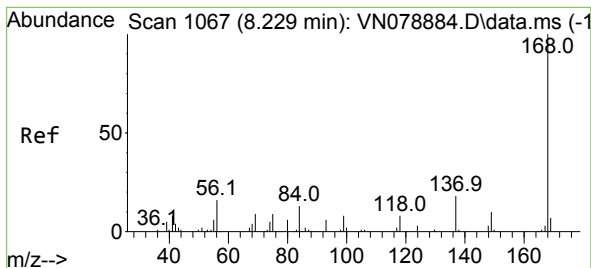
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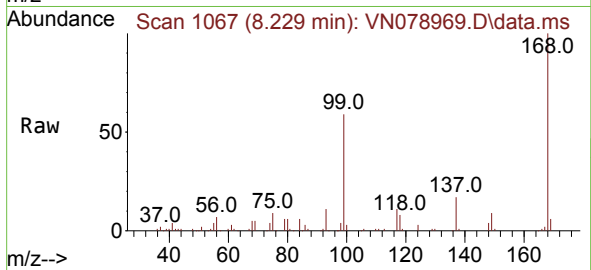
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

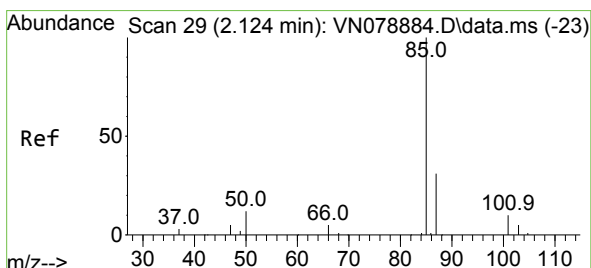
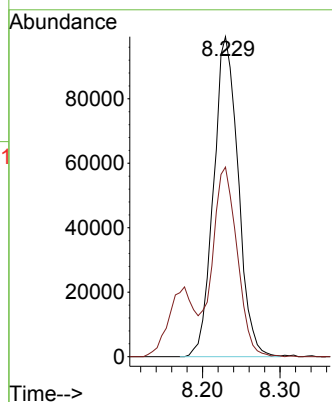
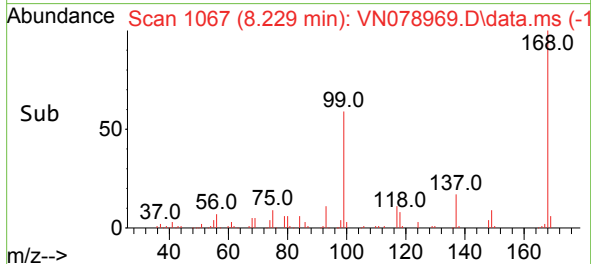


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078969.D
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Instrument :
MSVOA_N
ClientSampleId :

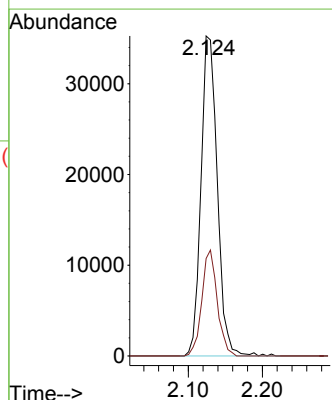
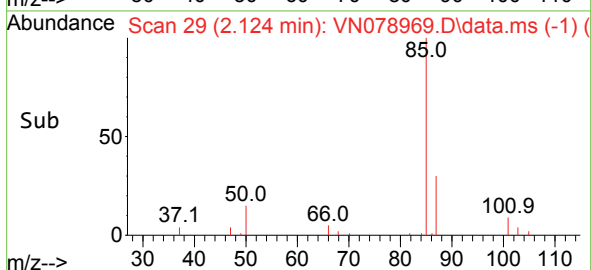
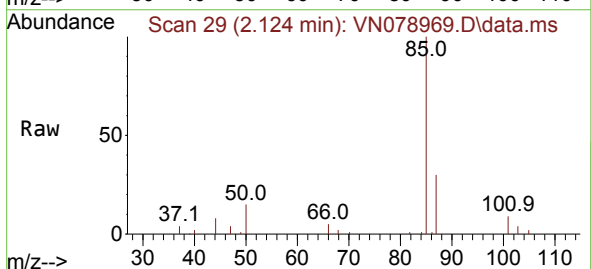


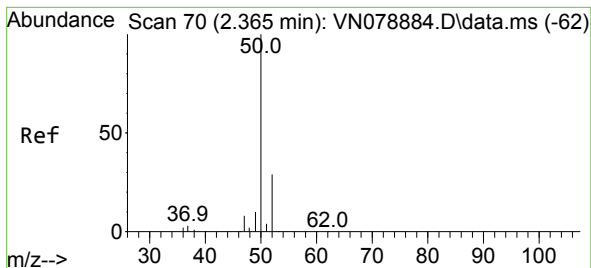
Tgt Ion:168 Resp: 218695
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.843 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 85 Resp: 54143
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





#3

Chloromethane

Concen: 13.761 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

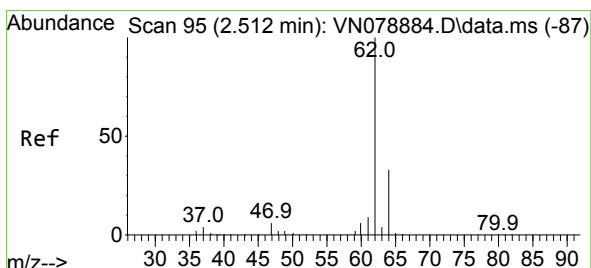
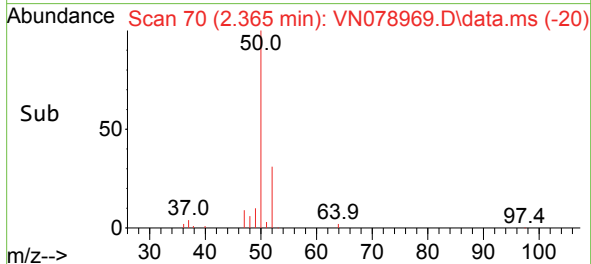
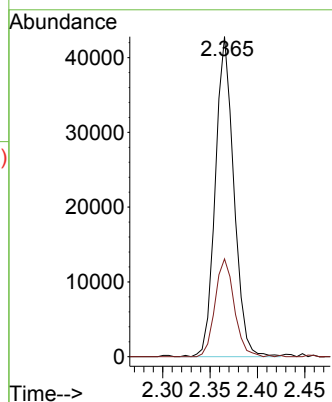
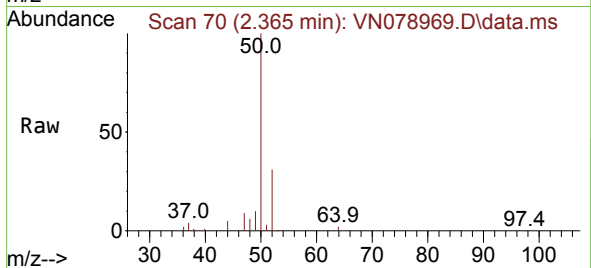
ClientSampleId :

Tgt Ion: 50 Resp: 58303

Ion Ratio Lower Upper

50 100

52 30.6 26.5 39.7



#4

Vinyl Chloride

Concen: 16.049 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078969.D

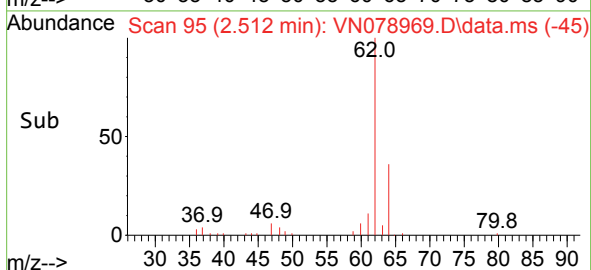
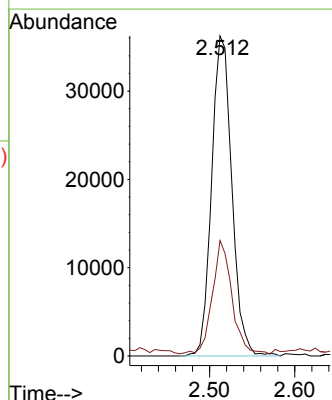
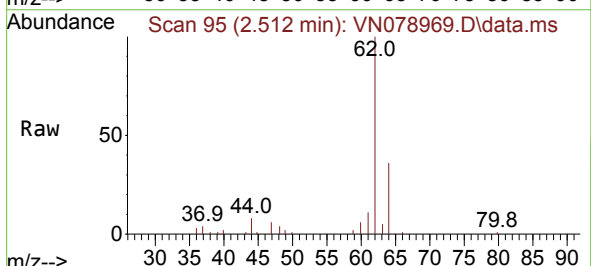
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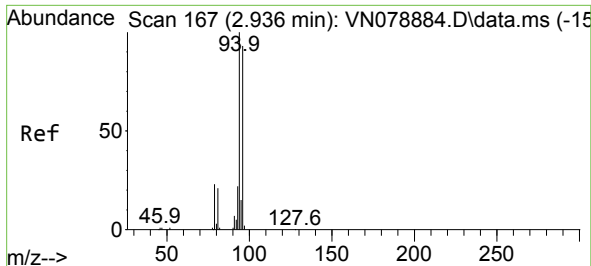
Tgt Ion: 62 Resp: 59630

Ion Ratio Lower Upper

62 100

64 35.4 26.2 39.2

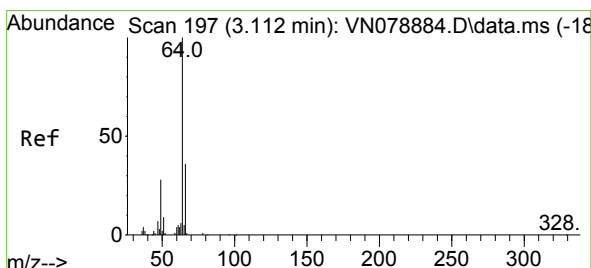
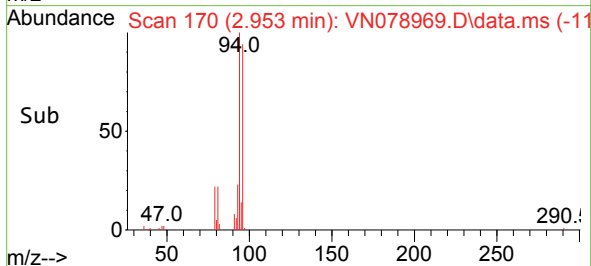
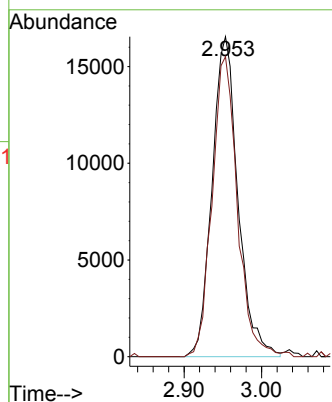
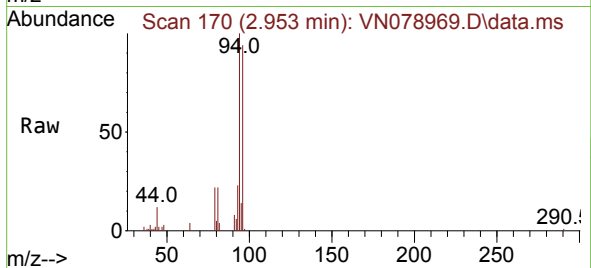




#5
Bromomethane
Concen: 18.000 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

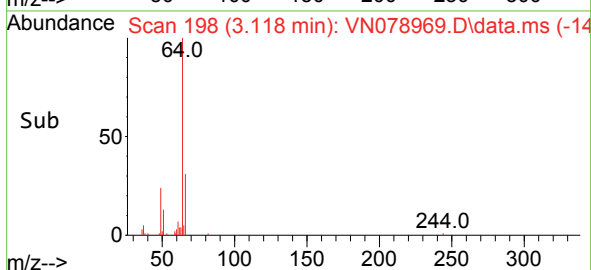
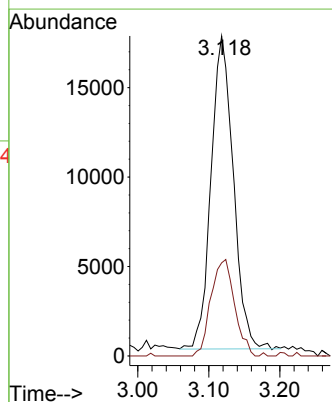
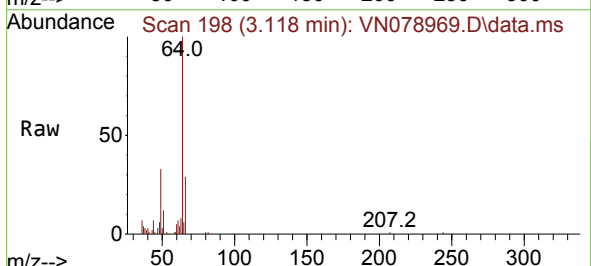
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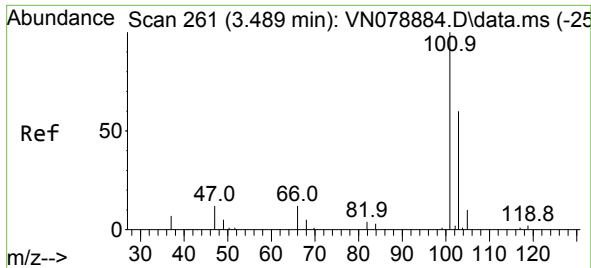
Tgt Ion: 94 Resp: 38399
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7



#6
Chloroethane
Concen: 14.724 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 64 Resp: 38245
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2

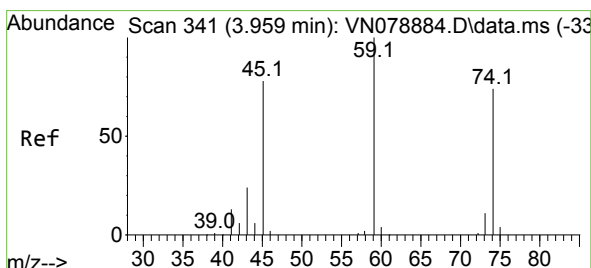
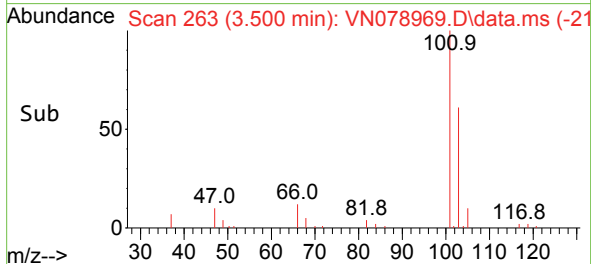
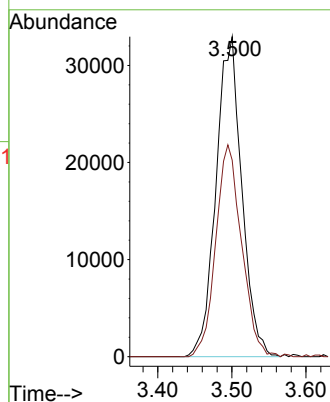
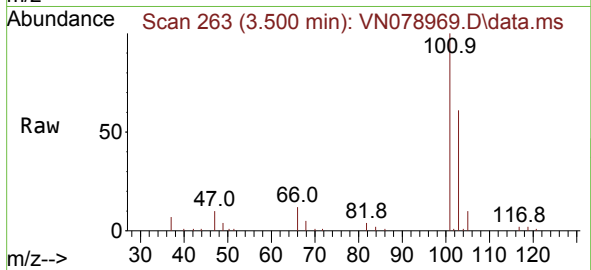




#7
 Trichlorofluoromethane
 Concen: 17.601 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

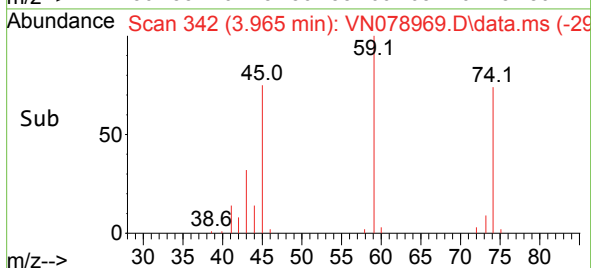
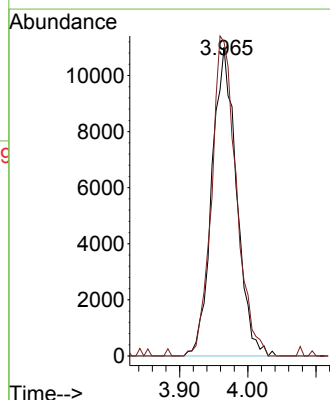
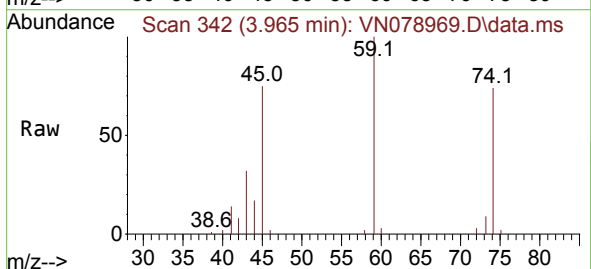
Instrument :
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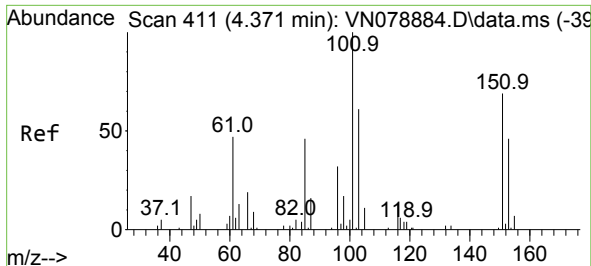
Tgt Ion:101 Resp: 79654
 Ion Ratio Lower Upper
 101 100
 103 61.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 16.111 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Tgt Ion: 74 Resp: 27641
 Ion Ratio Lower Upper
 74 100
 45 104.1 34.4 103.3#

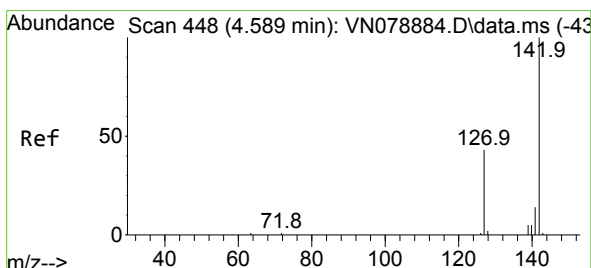
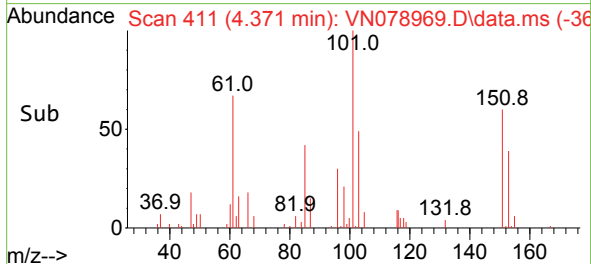
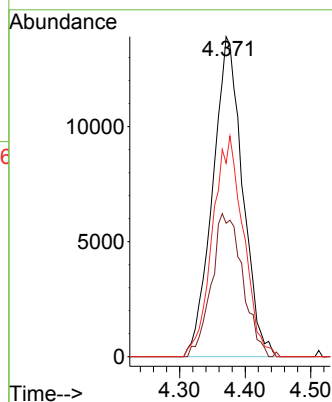
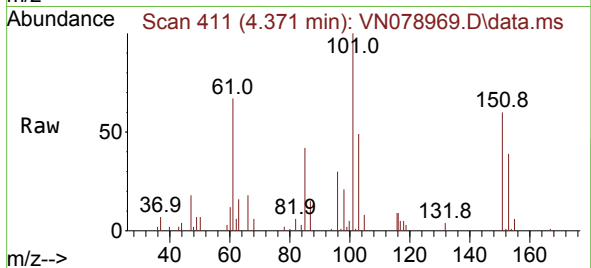




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.297 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078969.D
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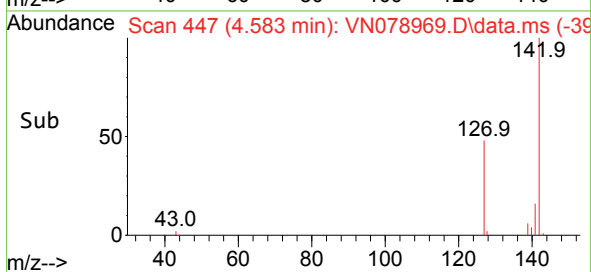
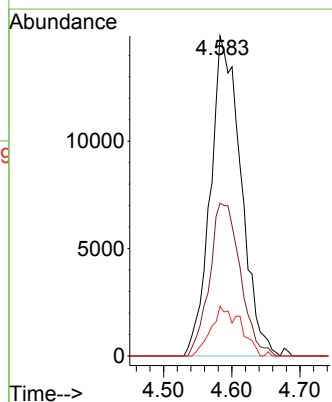
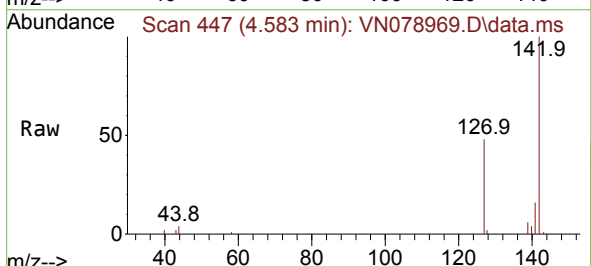
Instrument :
MSVOA_N
ClientSampleId :

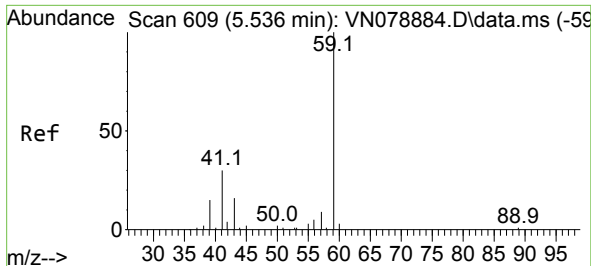
Tgt Ion:101 Resp: 44101
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 71.1 57.6 86.4



#10
Methyl Iodide
Concen: 17.202 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion:142 Resp: 46388
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 15.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 77.085 ug/l

RT: 5.536 min Scan# 609

Delta R.T. -0.006 min

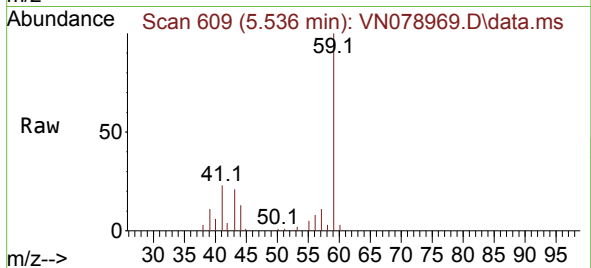
Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

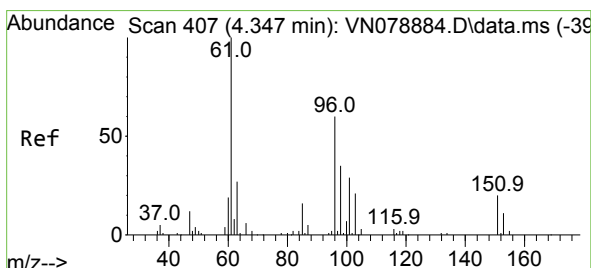
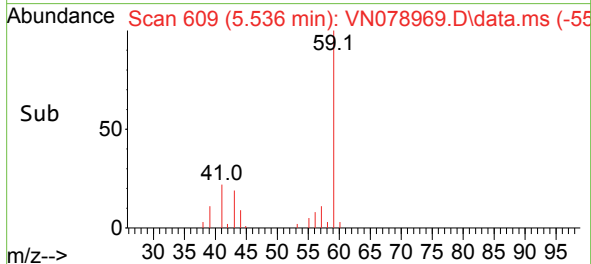
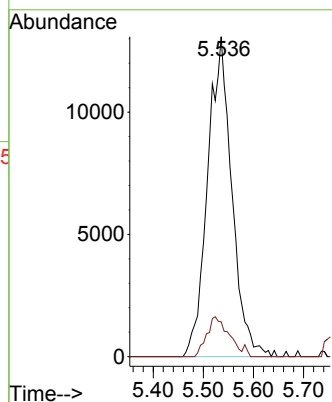


Tgt Ion: 59 Resp: 44019

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 17.225 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

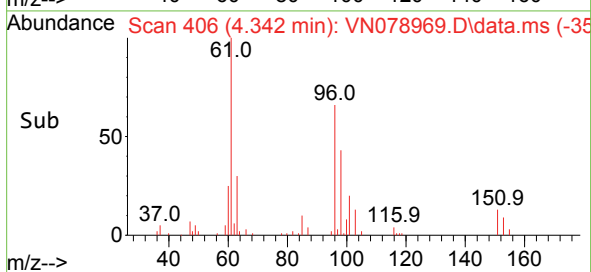
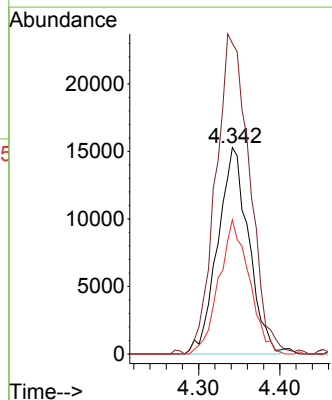
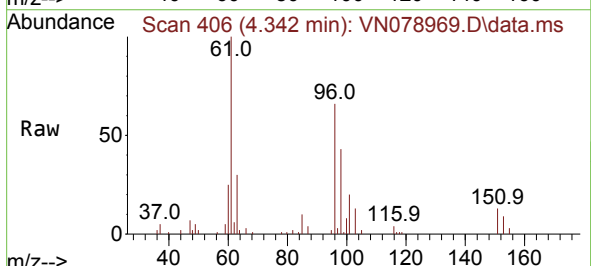
Tgt Ion: 96 Resp: 40441

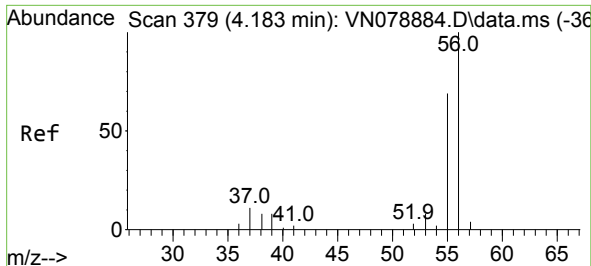
Ion Ratio Lower Upper

96 100

61 149.0 112.7 169.1

98 65.0 51.2 76.8





#13

Acrolein

Concen: 77.990 ug/l

RT: 4.189 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

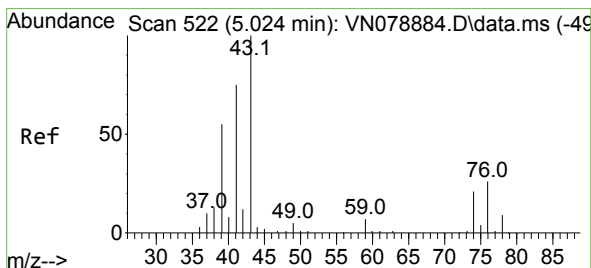
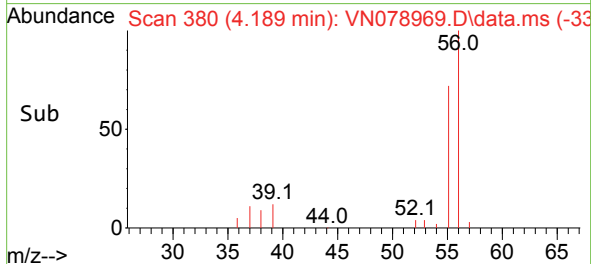
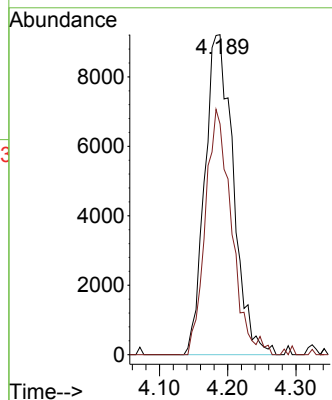
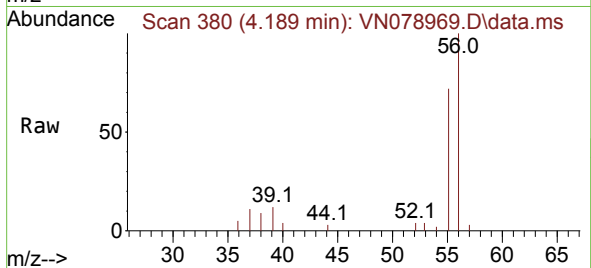
ClientSampleId :

Tgt Ion: 56 Resp: 26812

Ion Ratio Lower Upper

56 100

55 69.1 54.5 81.7



#14

Allyl chloride

Concen: 17.227 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

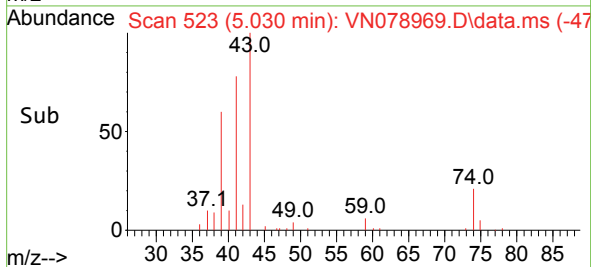
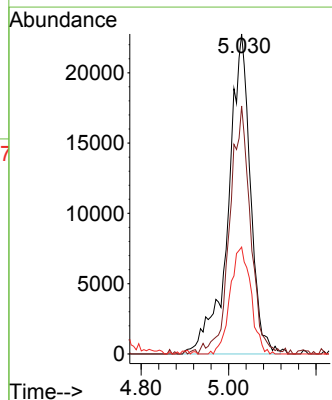
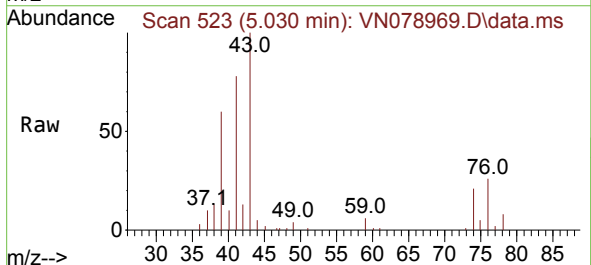
Tgt Ion: 41 Resp: 80501

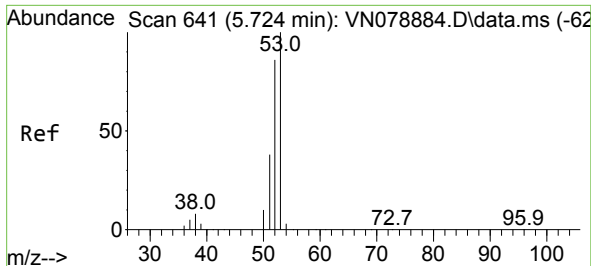
Ion Ratio Lower Upper

41 100

39 69.9 58.8 88.2

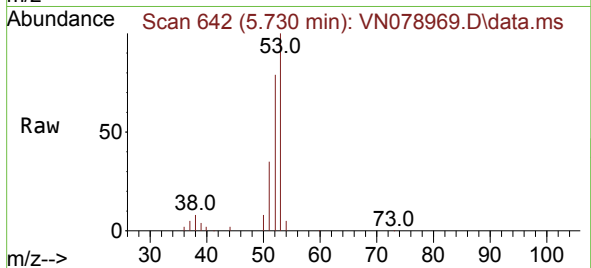
76 31.0 39.1 58.7#



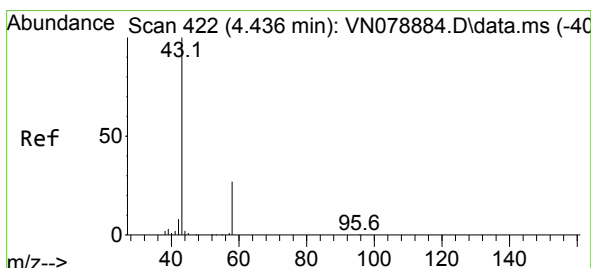
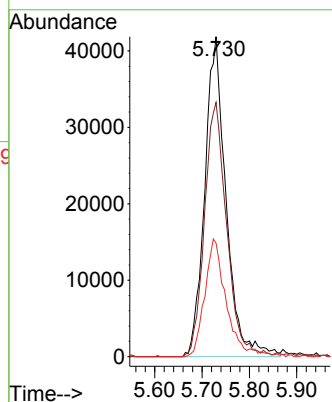
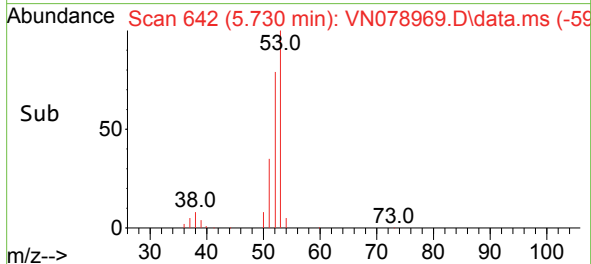


#15
Acrylonitrile
Concen: 84.757 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :

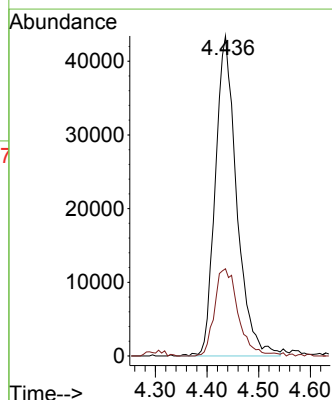
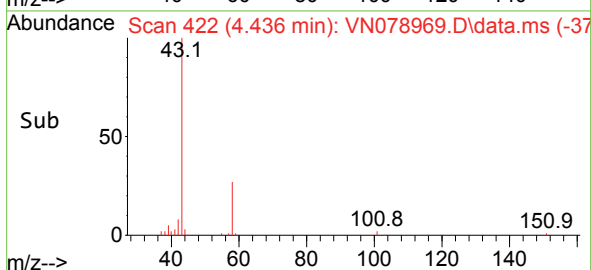
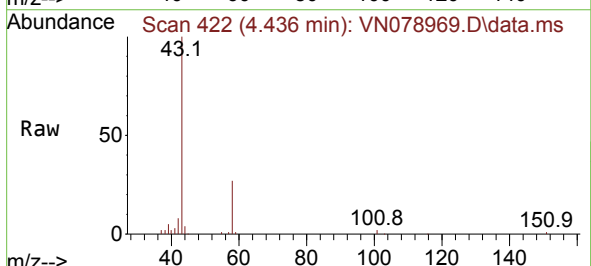


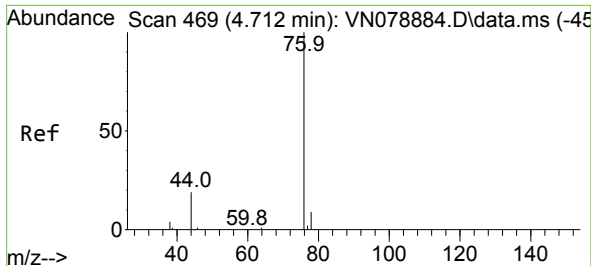
Tgt Ion: 53 Resp: 131118
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 35.4 28.9 43.3



#16
Acetone
Concen: 88.959 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 43 Resp: 124913
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

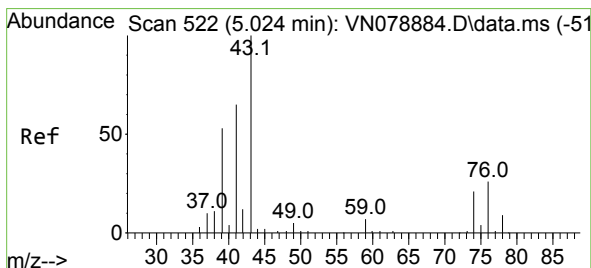
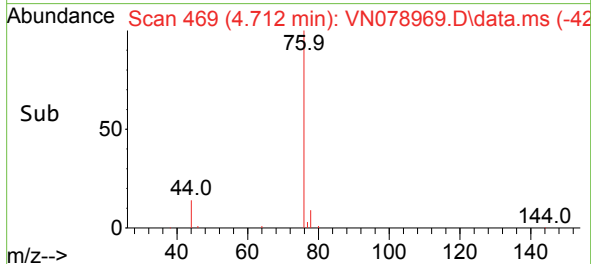
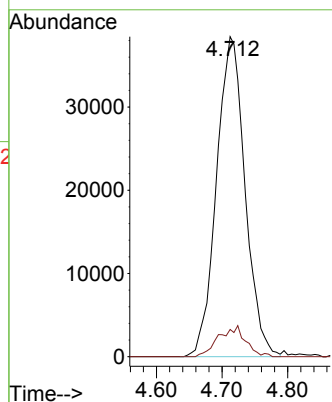
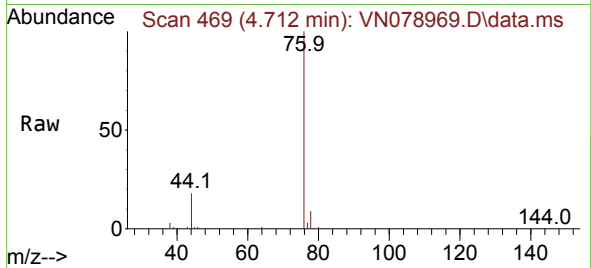




#17
Carbon Disulfide
Concen: 17.687 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

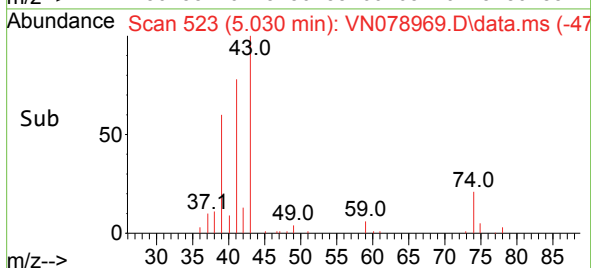
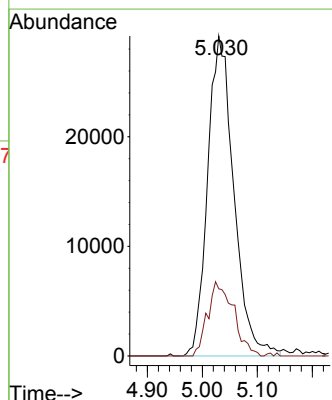
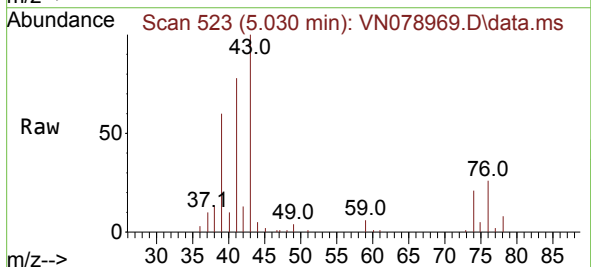
Instrument :
MSVOA_N
ClientSampleId :

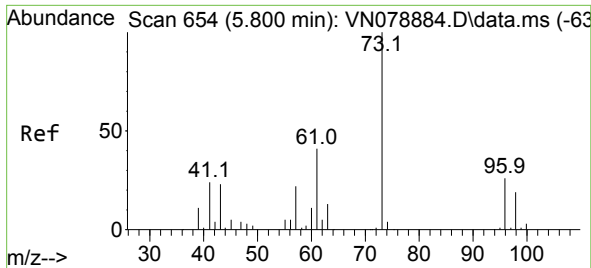
Tgt Ion: 76 Resp: 116239
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 16.286 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 43 Resp: 96607
Ion Ratio Lower Upper
43 100
74 22.9 26.2 39.4#

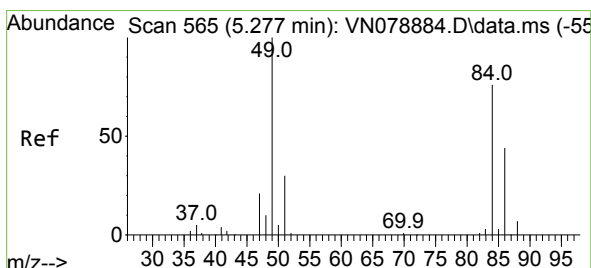
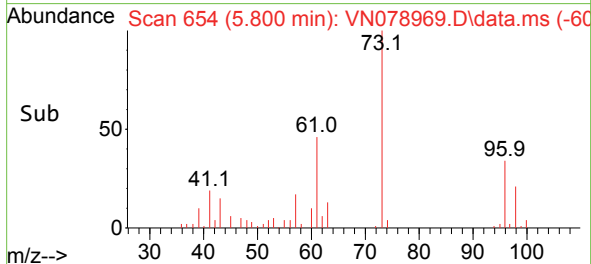
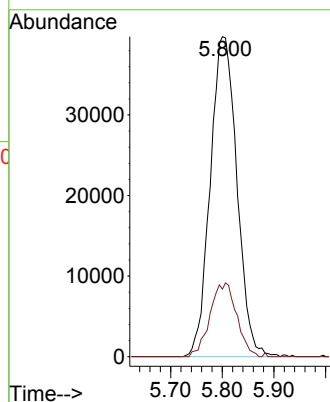
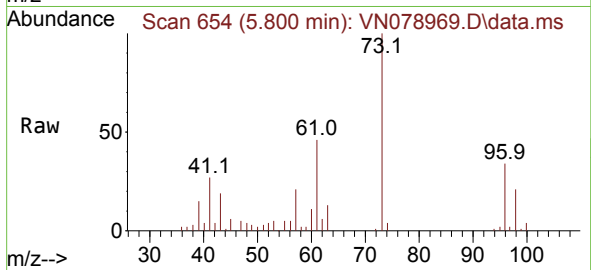




#19
Methyl tert-butyl Ether
Concen: 16.832 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

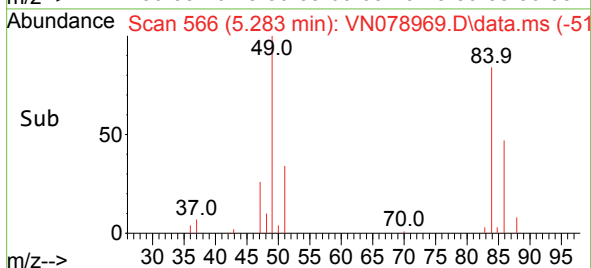
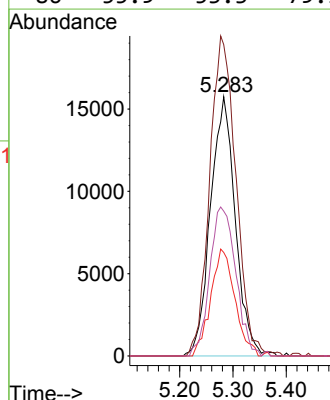
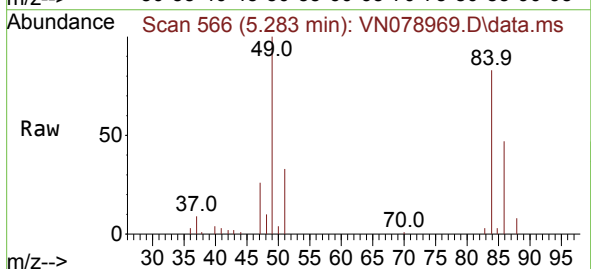
Instrument :
MSVOA_N
ClientSampleId :

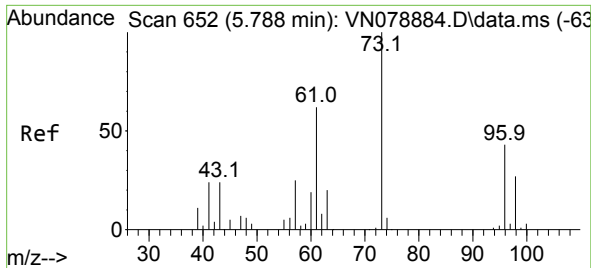
Tgt Ion: 73 Resp: 142355
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4



#20
Methylene Chloride
Concen: 17.069 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

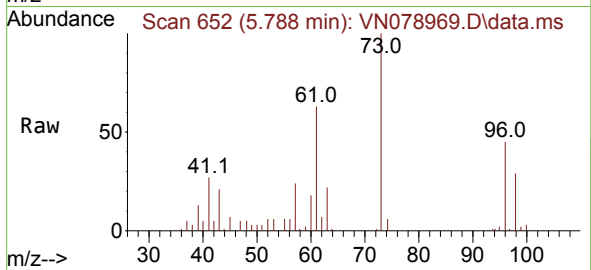
Tgt Ion: 84 Resp: 51077
Ion Ratio Lower Upper
84 100
49 120.1 79.7 119.5#
51 39.9 25.2 37.8#
86 55.9 53.3 79.9



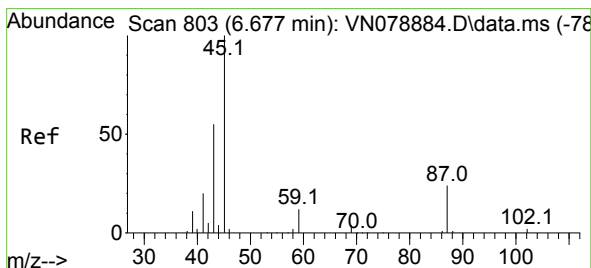
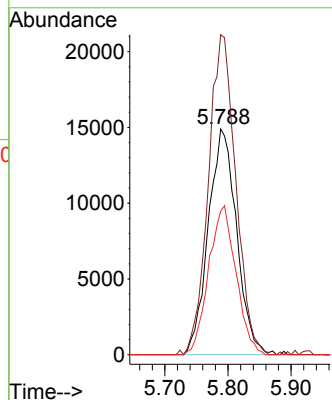
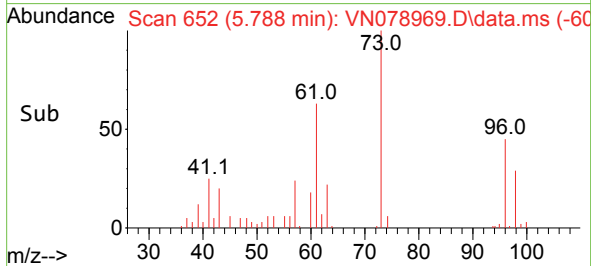


#21
trans-1,2-Dichloroethene
Concen: 17.661 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

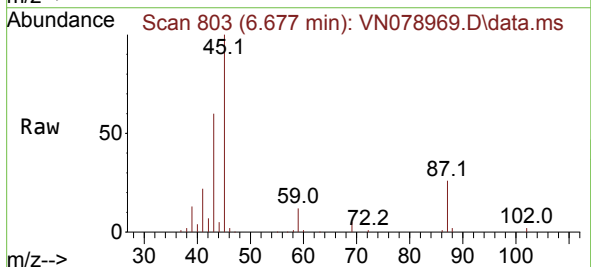
Instrument :
MSVOA_N
ClientSampleId :



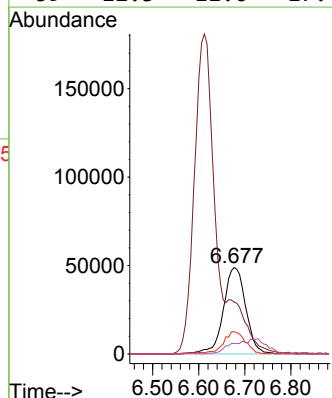
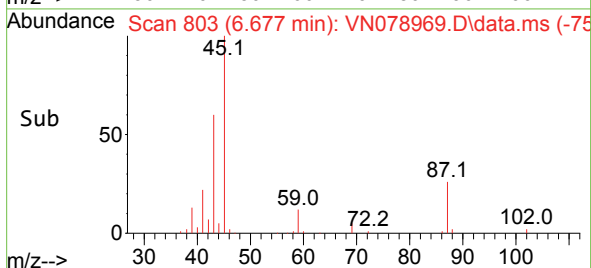
Tgt Ion: 96 Resp: 46498
Ion Ratio Lower Upper
96 100
61 140.6 90.1 135.1#
98 63.7 46.4 69.6

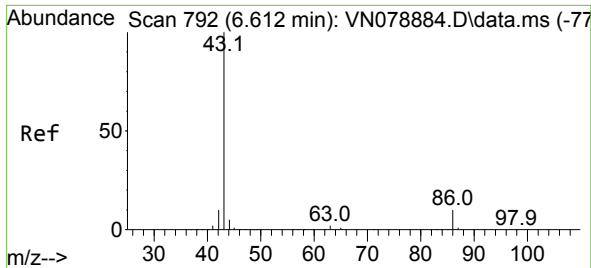


#22
Diisopropyl ether
Concen: 16.631 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55



Tgt Ion: 45 Resp: 164409
Ion Ratio Lower Upper
45 100
43 58.1 45.5 68.3
87 25.7 31.8 47.8#
59 12.3 11.6 17.4

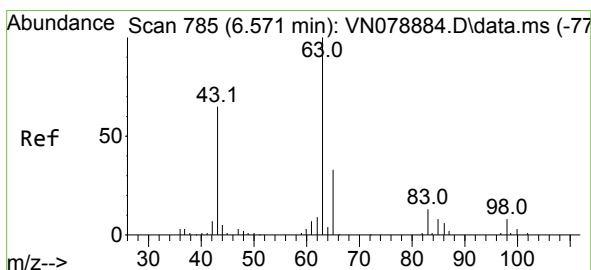
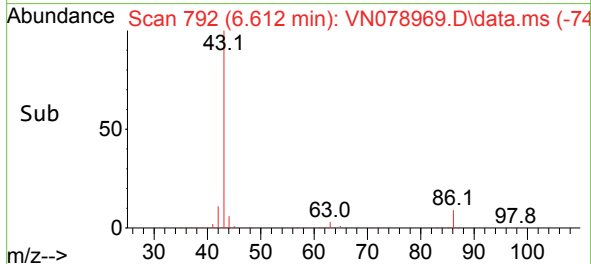
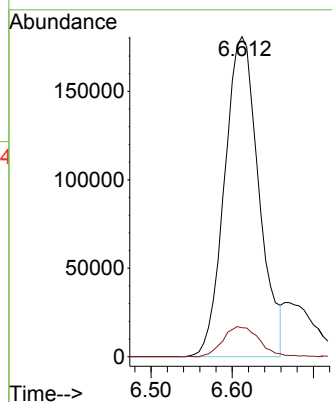
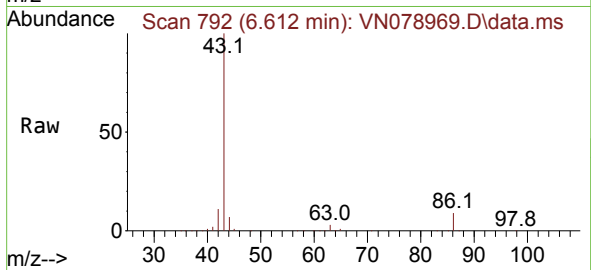




#23
 Vinyl Acetate
 Concen: 81.651 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

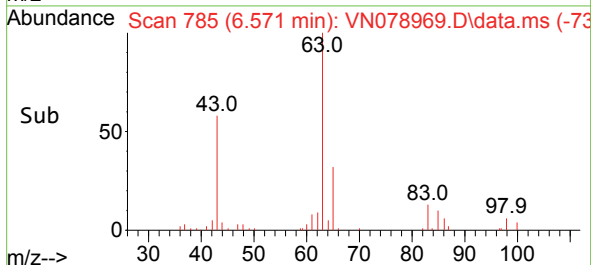
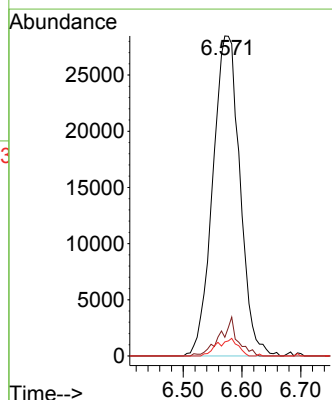
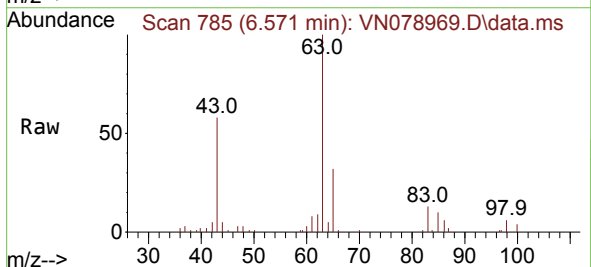
Instrument :
 MSVOA_N
 ClientSampleId :

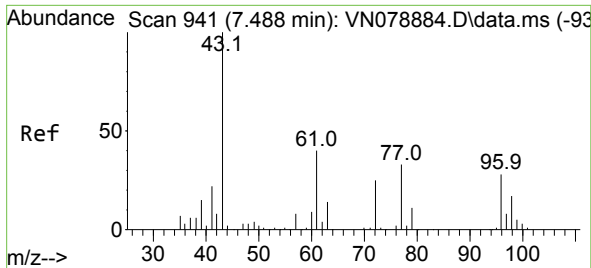
Tgt Ion: 43 Resp: 531477
 Ion Ratio Lower Upper
 43 100
 86 9.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 16.927 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Tgt Ion: 63 Resp: 91417
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.4 2.5 7.4

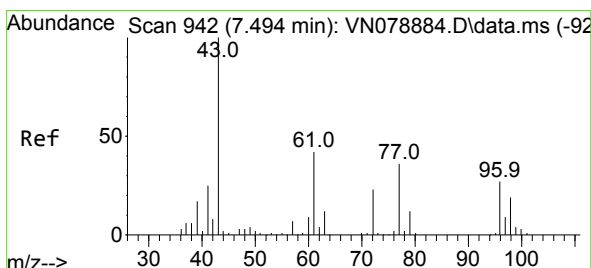
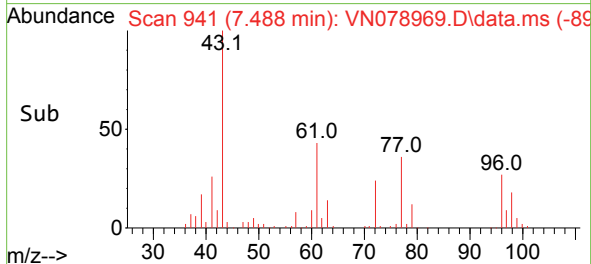
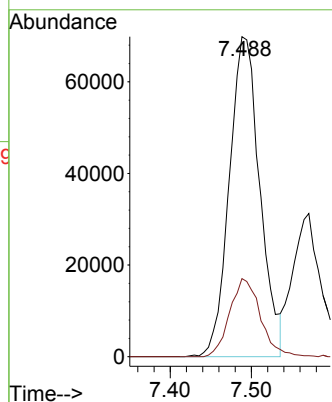
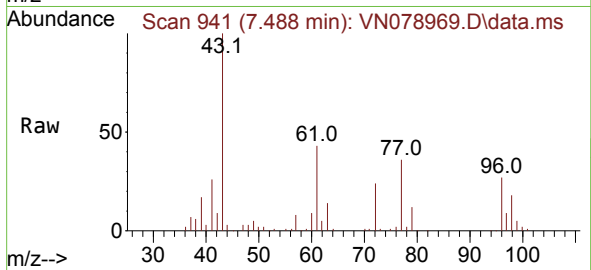




#25
2-Butanone
Concen: 81.238 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

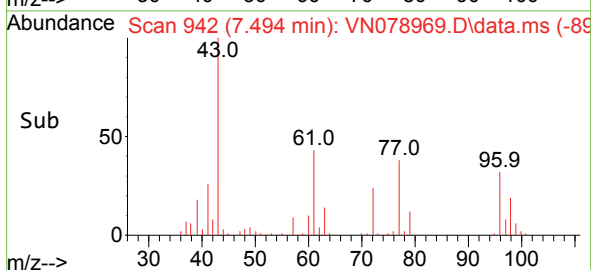
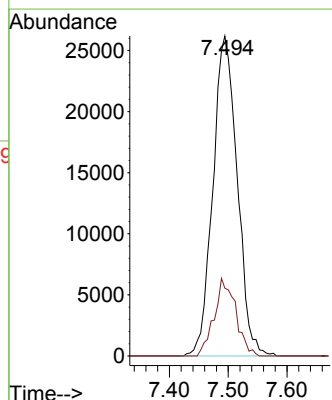
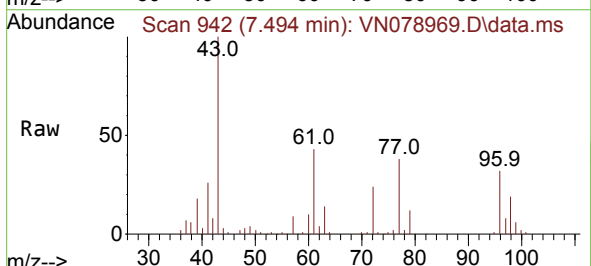
Instrument :
MSVOA_N
ClientSampleId :

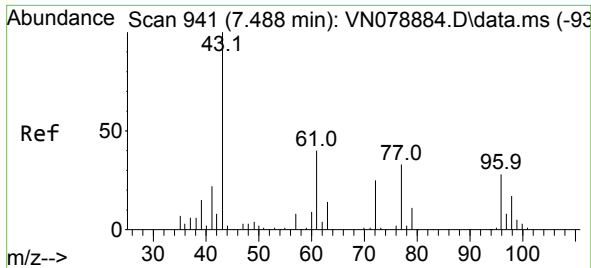
Tgt Ion: 43 Resp: 182887
Ion Ratio Lower Upper
43 100
72 24.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.261 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 77 Resp: 75348
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6

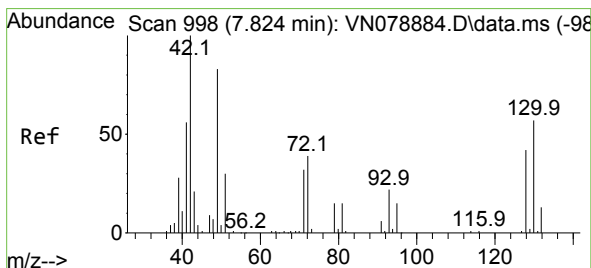
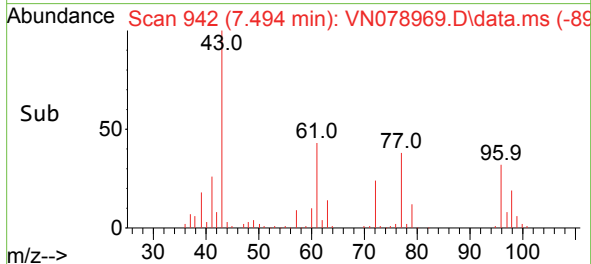
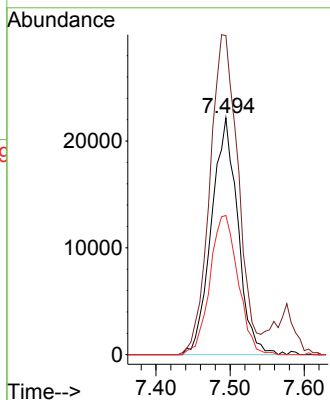
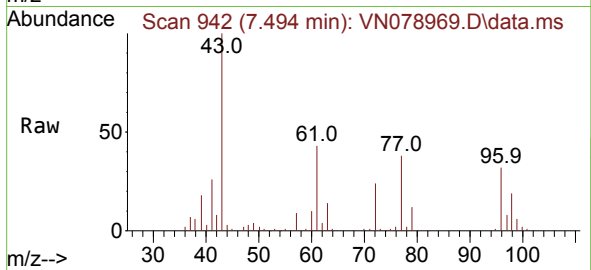




#27
 cis-1,2-Dichloroethene
 Concen: 17.129 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

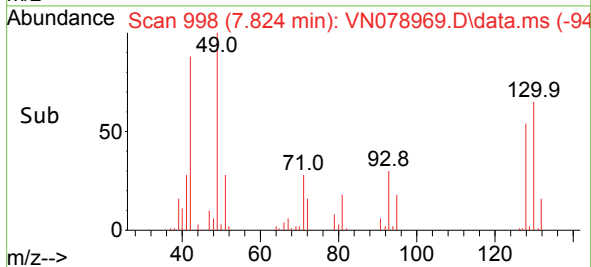
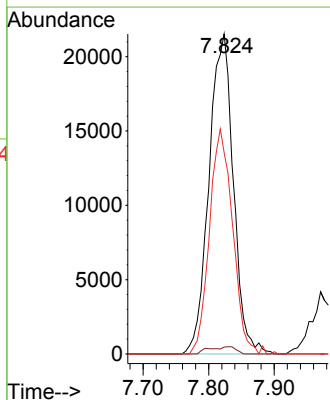
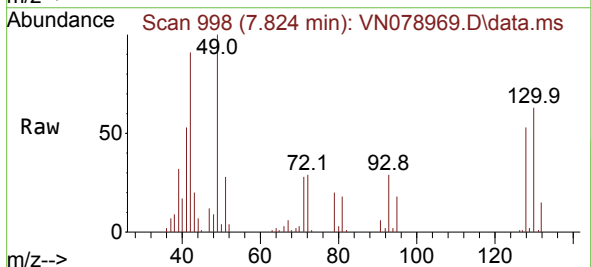
Instrument :
 MSVOA_N
 ClientSampleId :

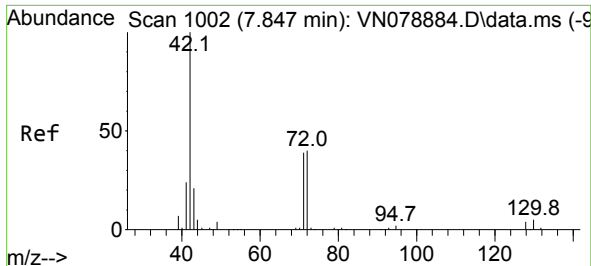
Tgt Ion: 96 Resp: 54814
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 255.2
 98 62.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.399 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Tgt Ion: 49 Resp: 55575
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 66.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 84.912 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

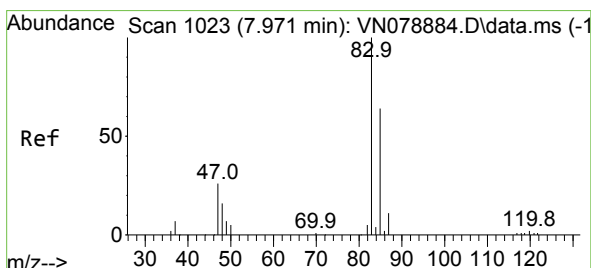
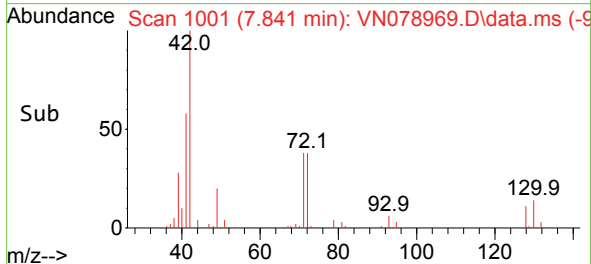
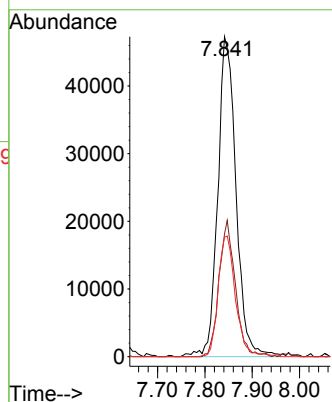
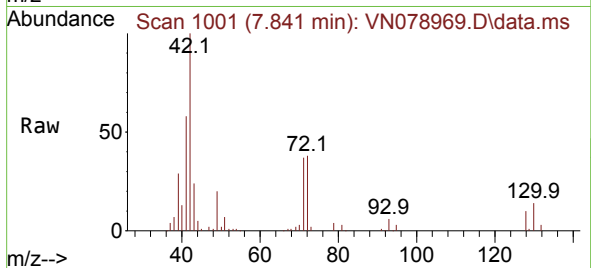
Tgt Ion: 42 Resp: 126527

Ion Ratio Lower Upper

42 100

72 38.4 49.8 74.6#

71 36.0 47.4 71.2#



#30

Chloroform

Concen: 17.134 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078969.D

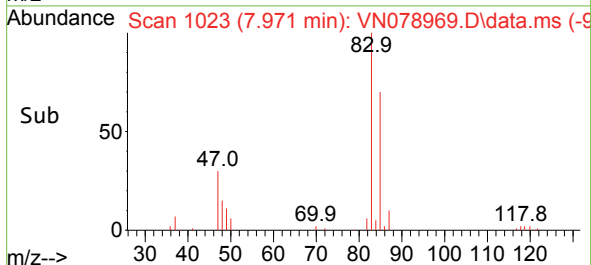
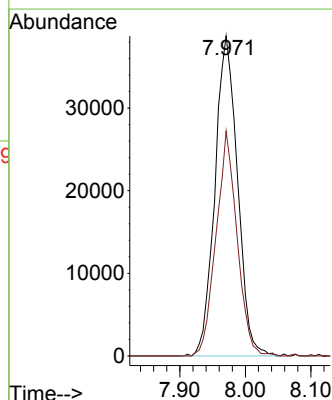
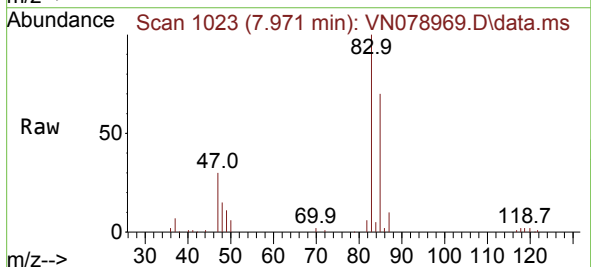
Acq: 21 Aug 2023 12:55

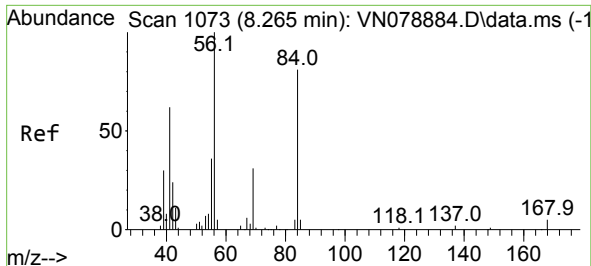
Tgt Ion: 83 Resp: 92442

Ion Ratio Lower Upper

83 100

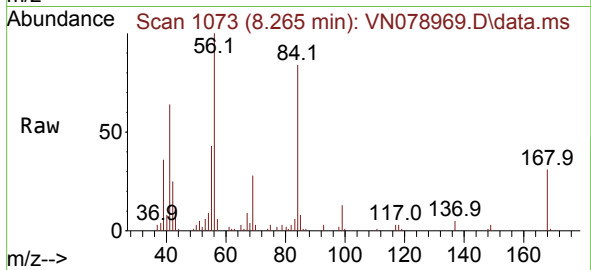
85 70.2 55.4 83.0



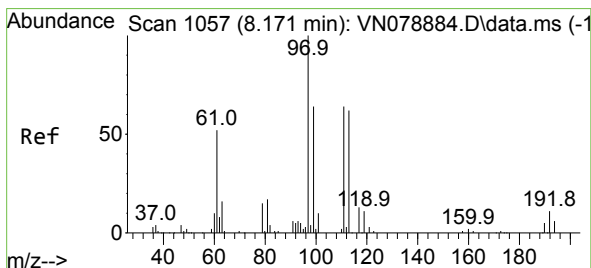
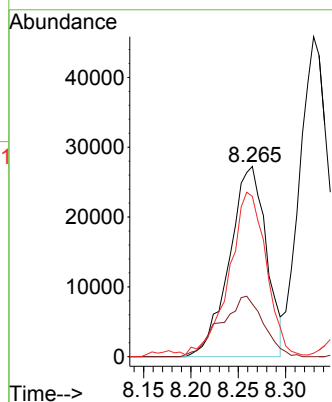
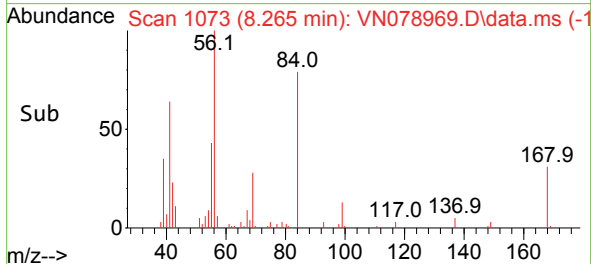


#31
Cyclohexane
Concen: 15.593 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

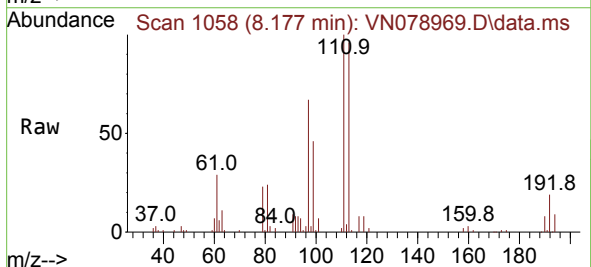
Instrument :
MSVOA_N
ClientSampleId :



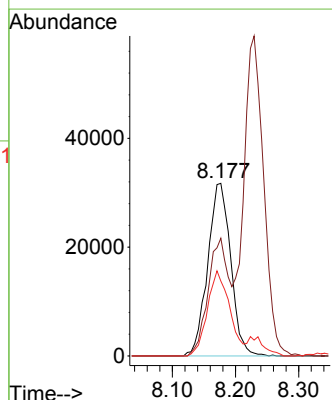
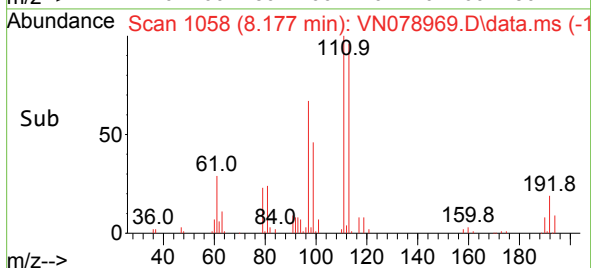
Tgt Ion: 56 Resp: 73892
Ion Ratio Lower Upper
56 100
69 27.7 26.8 40.2
84 81.9 81.8 122.6

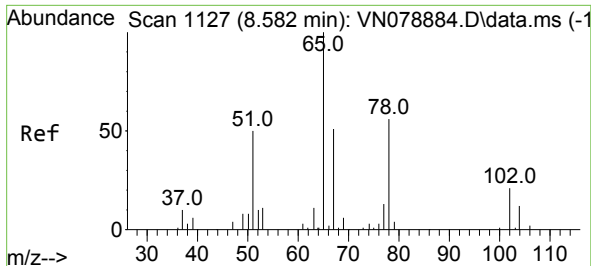


#32
1,1,1-Trichloroethane
Concen: 17.445 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55



Tgt Ion: 97 Resp: 80253
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 47.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 42.949 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

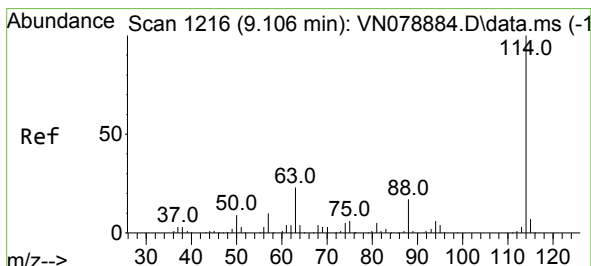
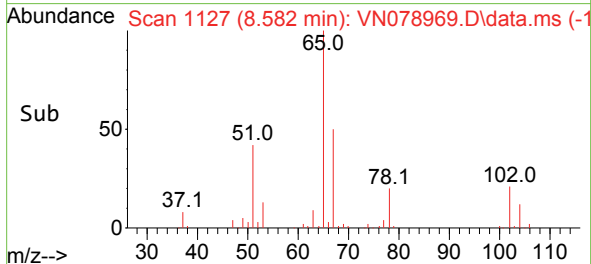
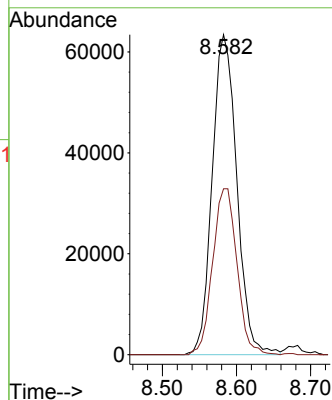
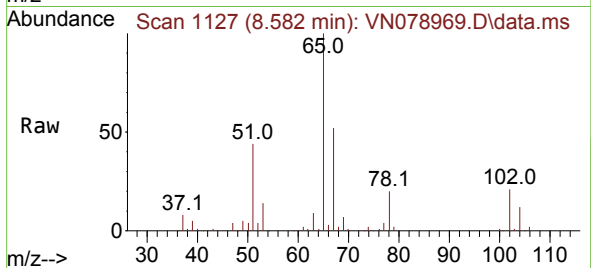
ClientSampleId :

Tgt Ion: 65 Resp: 146158

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

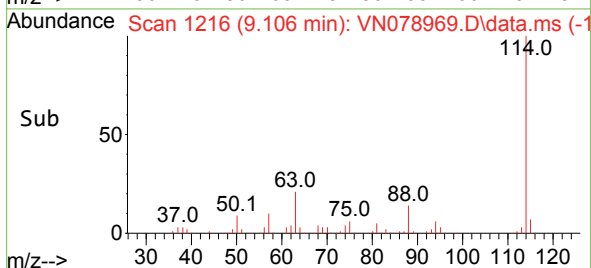
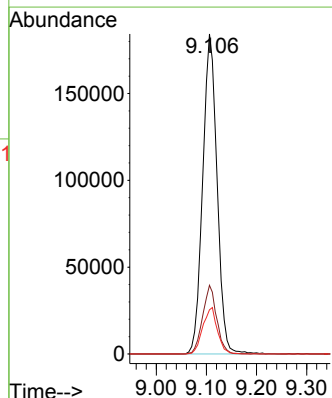
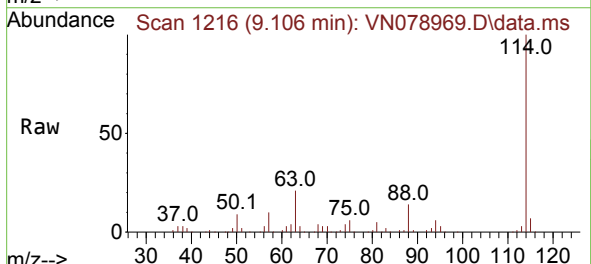
Tgt Ion: 114 Resp: 367021

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.916 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

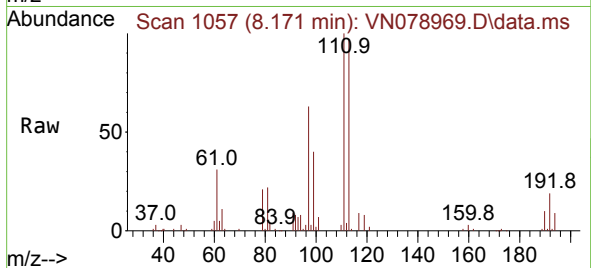
Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

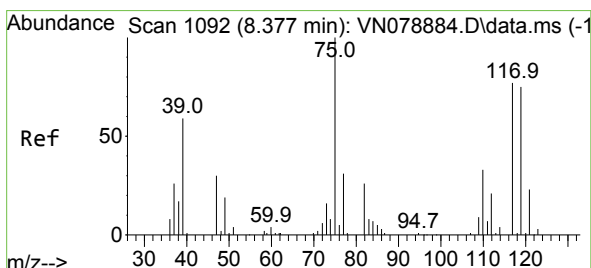
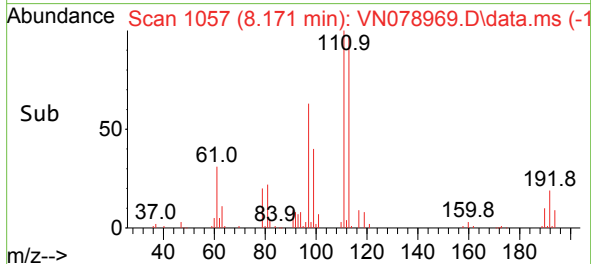
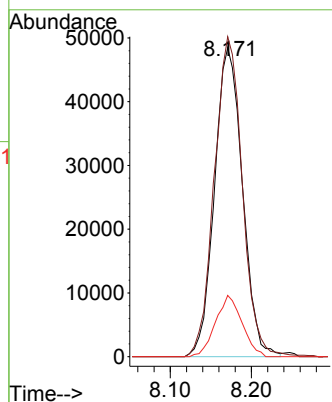
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	115910
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	123.8
192	18.8	12.7	19.1



#36

1,1-Dichloropropene

Concen: 18.461 ug/l

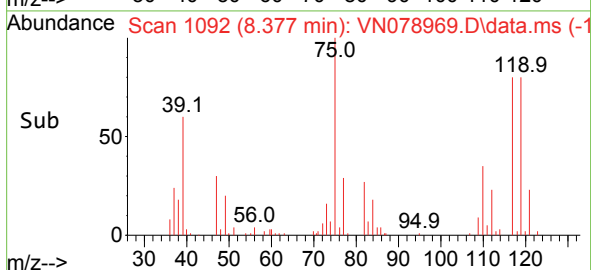
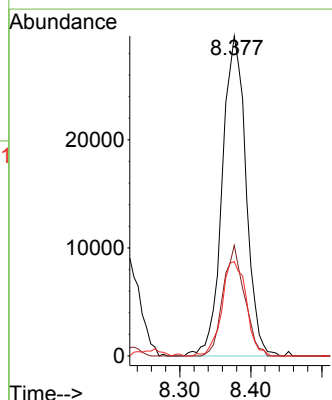
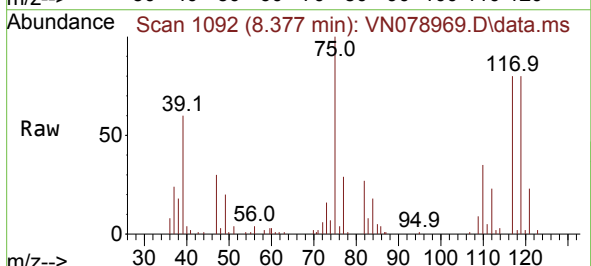
RT: 8.377 min Scan# 1092

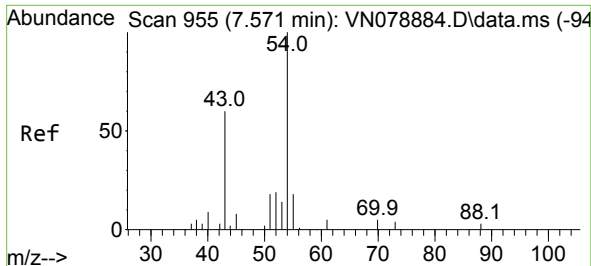
Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Tgt Ion:	75	Resp:	68609
Ion Ratio	Lower	Upper	
75	100		
110	31.2	19.1	57.3
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 18.104 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078969.D

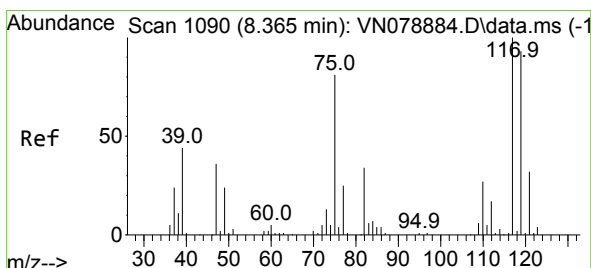
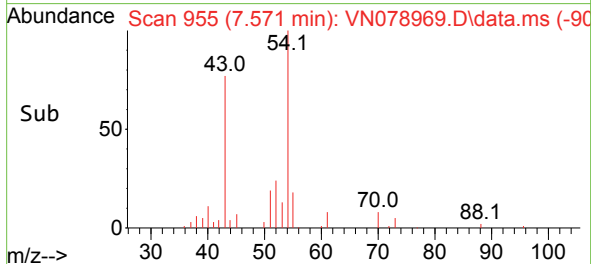
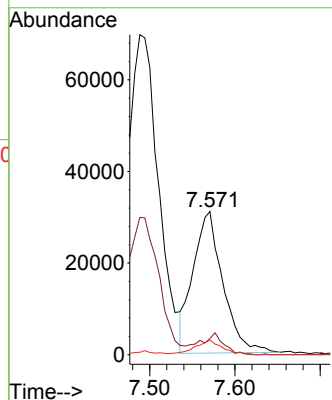
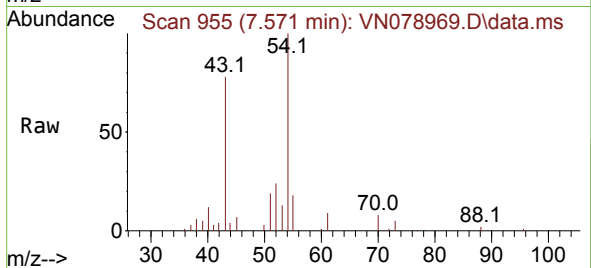
Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	75278
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.2	19.8#
70	9.3	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 18.507 ug/l

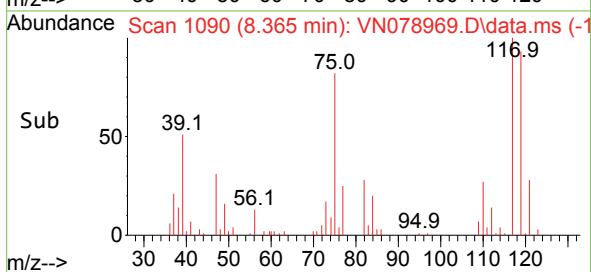
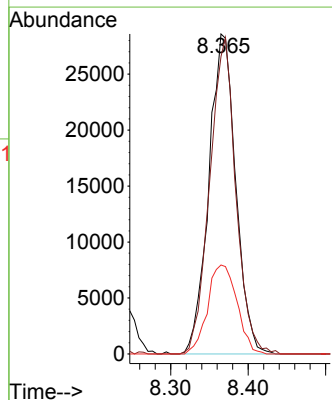
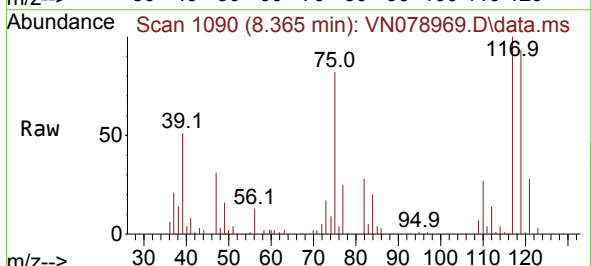
RT: 8.365 min Scan# 1090

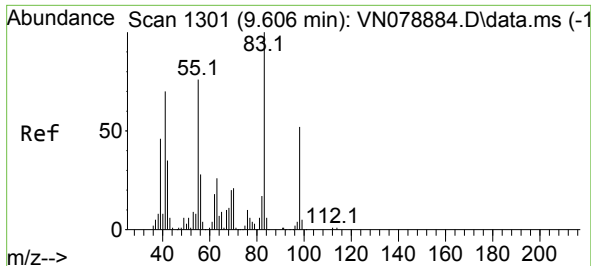
Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Tgt Ion:	117	Resp:	68917
Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.3	115.9
121	27.8	23.3	34.9

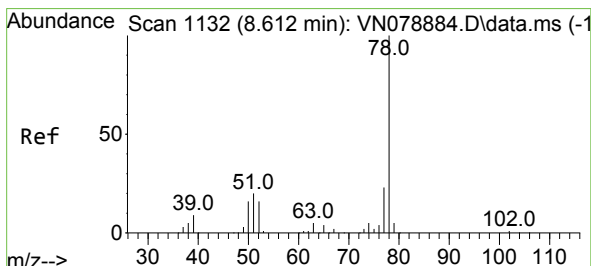
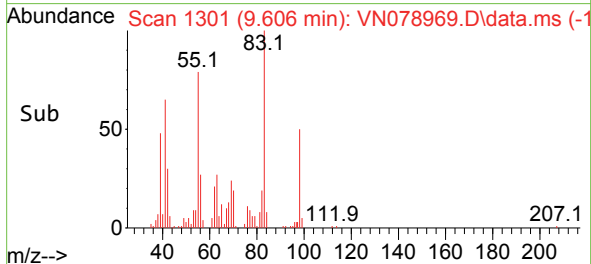
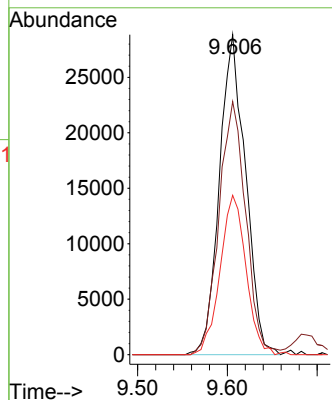
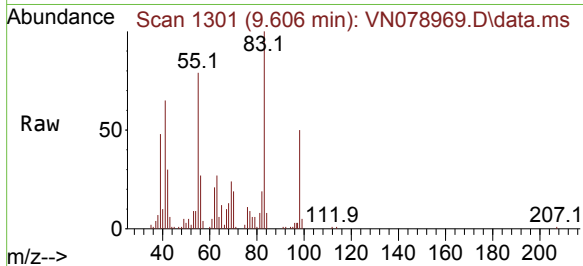




#39
Methylcyclohexane
Concen: 17.042 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

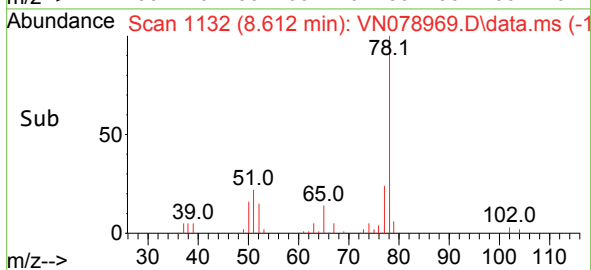
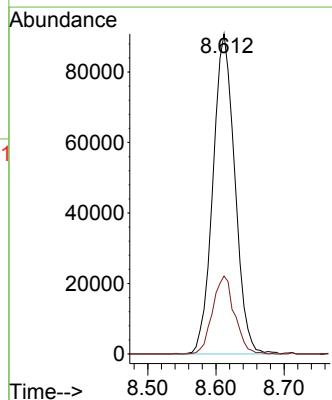
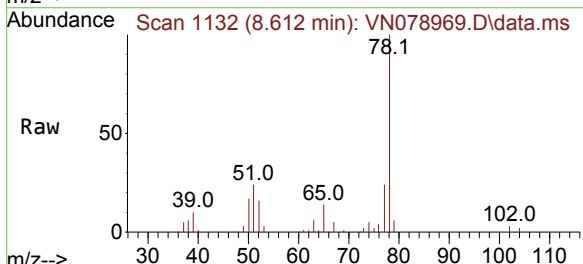
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 58250
Ion Ratio Lower Upper
83 100
55 79.1 49.1 73.7#
98 49.8 40.6 61.0



#40
Benzene
Concen: 18.510 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

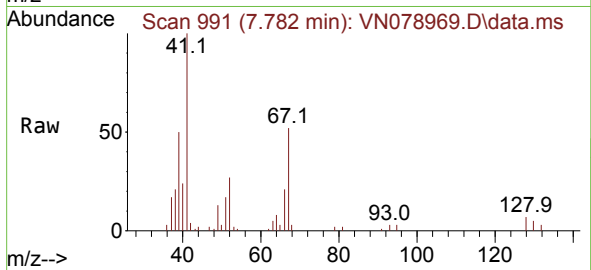
Tgt Ion: 78 Resp: 203327
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



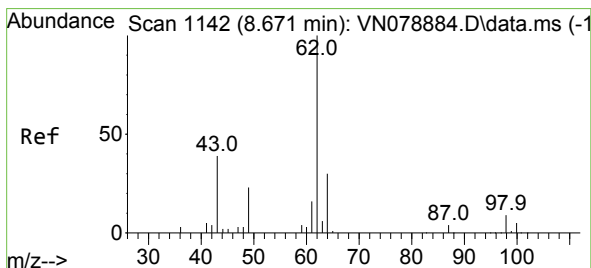
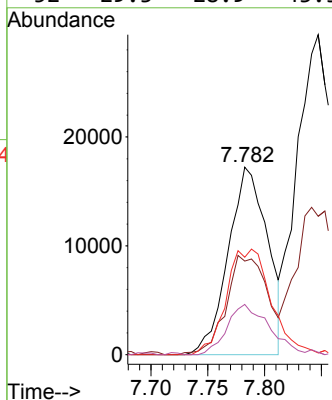
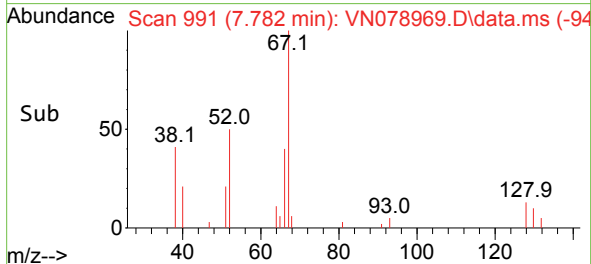


#41
Methacrylonitrile
Concen: 18.312 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :

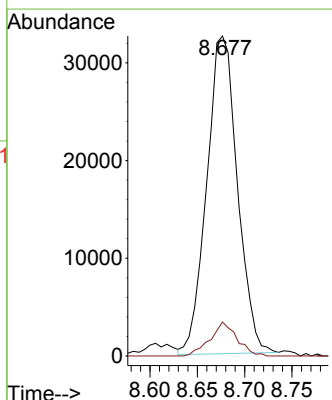
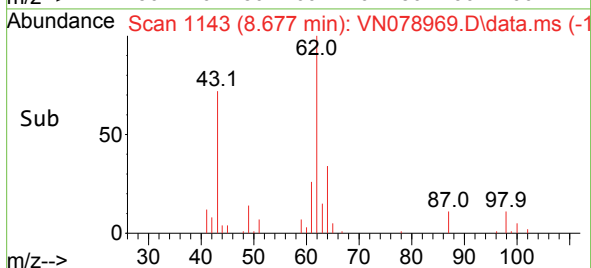
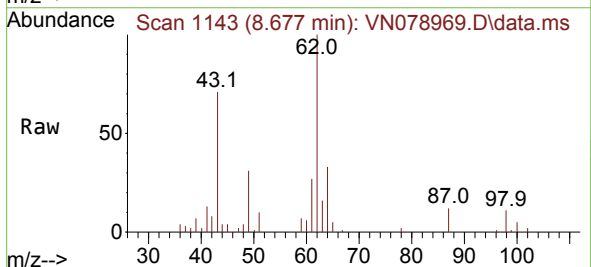


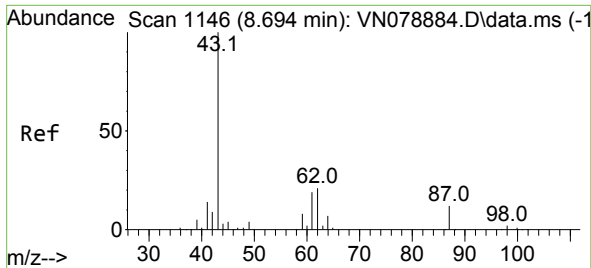
Tgt Ion:	41	Resp:	41471
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.6	64.0
67	64.4	77.5	116.3
52	29.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 17.857 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion:	62	Resp:	73284
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

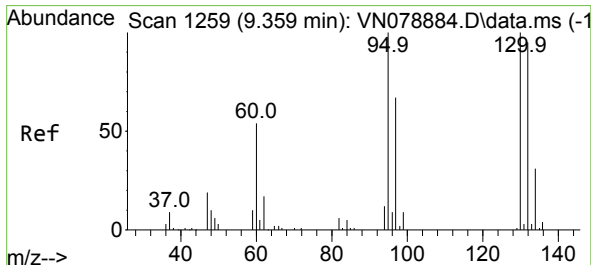
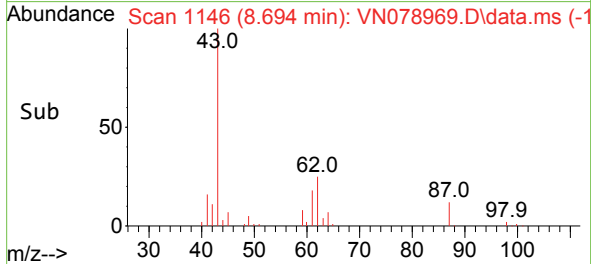
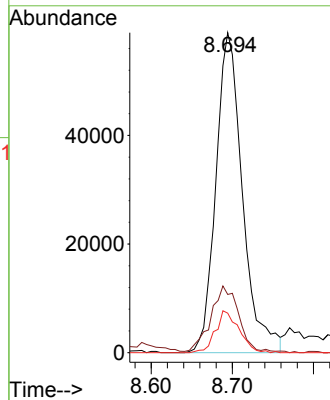
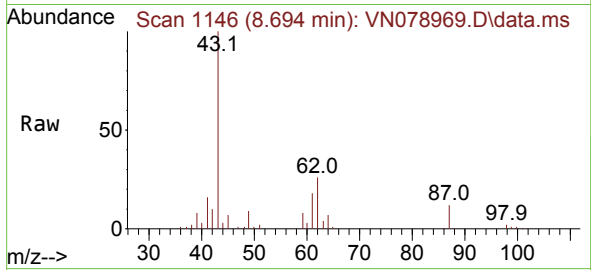




#43
Isopropyl Acetate
Concen: 18.256 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

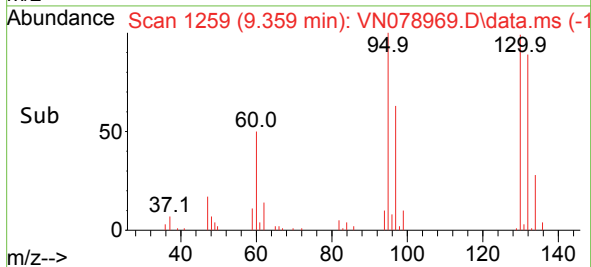
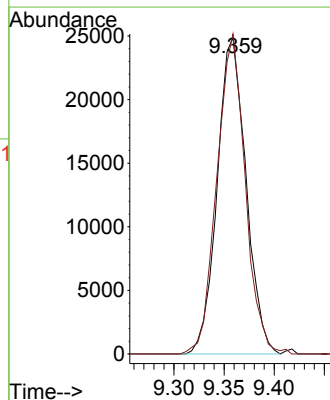
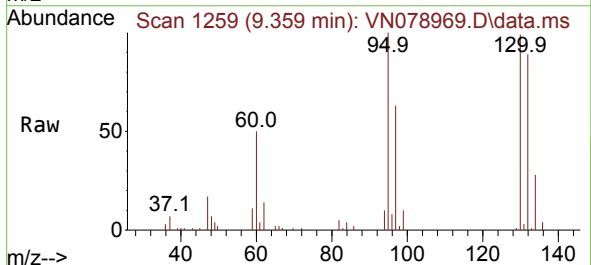
Instrument :
MSVOA_N
ClientSampleId :

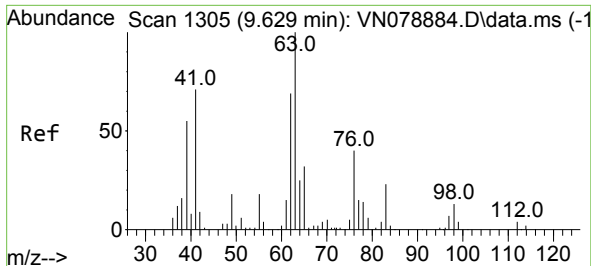
Tgt Ion: 43 Resp: 134175
Ion Ratio Lower Upper
43 100
61 22.2 24.7 37.1#
87 11.6 14.6 21.8#



#44
Trichloroethene
Concen: 19.016 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion:130 Resp: 49634
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.6

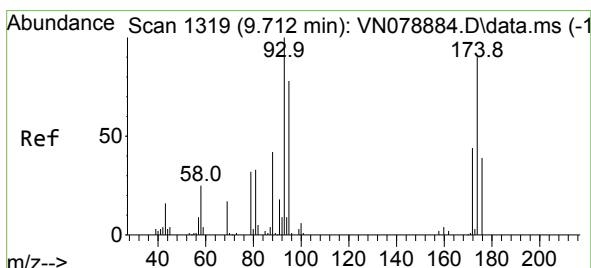
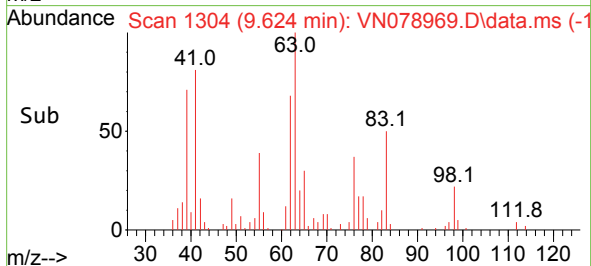
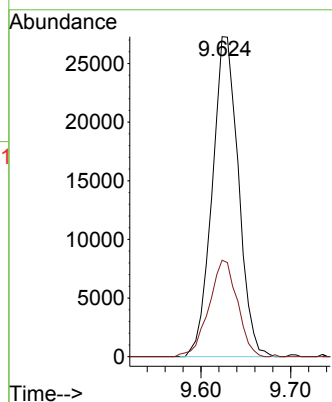
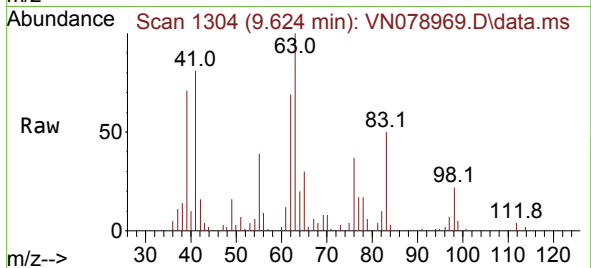




#45
1,2-Dichloropropane
Concen: 18.922 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

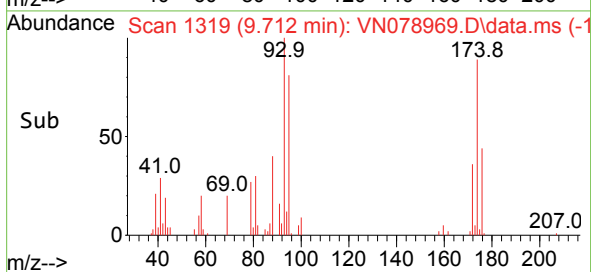
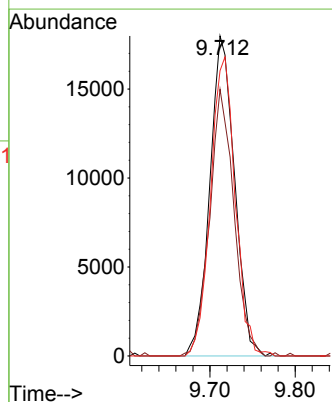
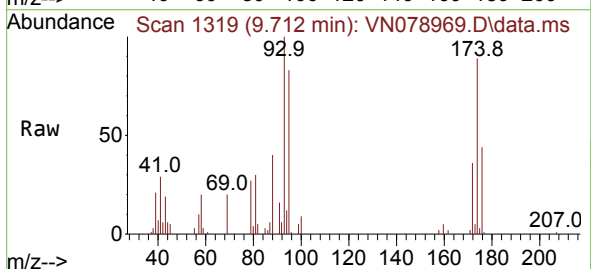
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 55339
Ion Ratio Lower Upper
63 100
65 30.1 23.9 35.9



#46
Dibromomethane
Concen: 18.113 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 93 Resp: 36334
Ion Ratio Lower Upper
93 100
95 81.9 63.8 95.8
174 93.1 65.6 98.4

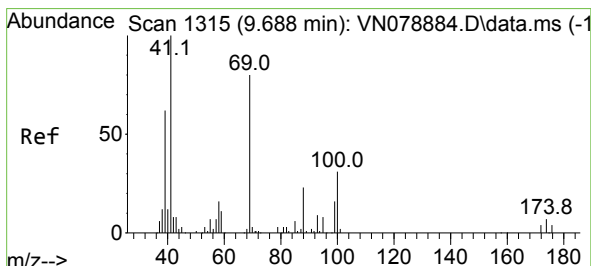
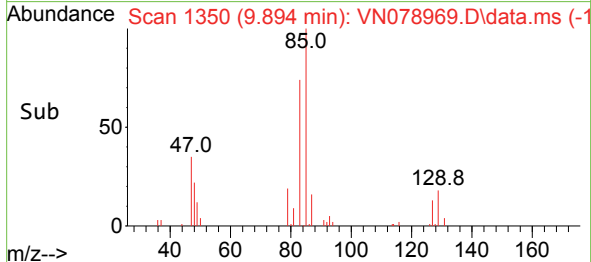
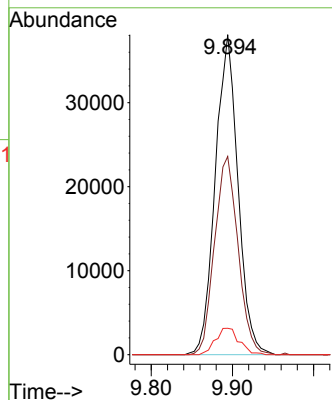
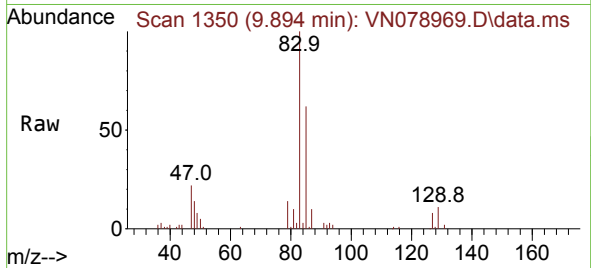




#47
Bromodichloromethane
Concen: 18.670 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

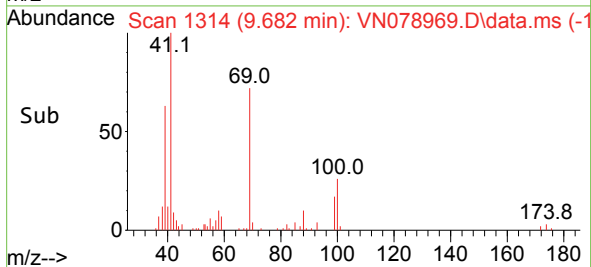
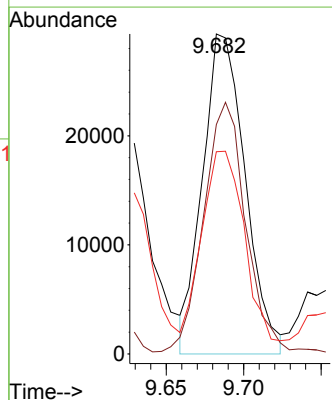
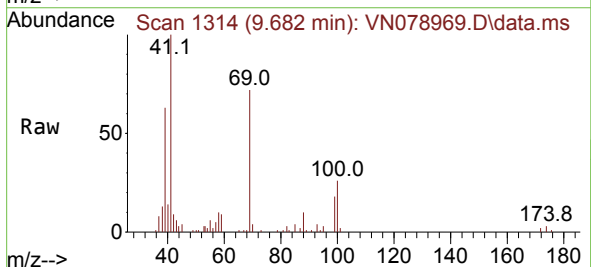
Instrument :
MSVOA_N
ClientSampleId :

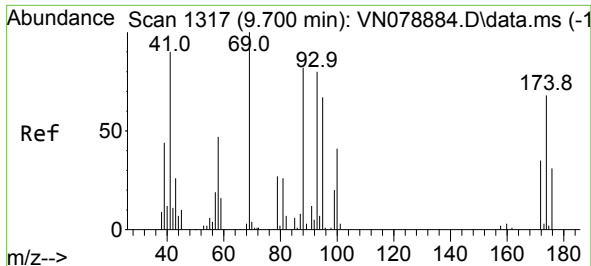
Tgt Ion: 83 Resp: 73953
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 16.855 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 41 Resp: 56135
Ion Ratio Lower Upper
41 100
69 78.9 90.4 135.6#
39 65.8 54.6 81.8





#49

1,4-Dioxane

Concen: 377.565 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

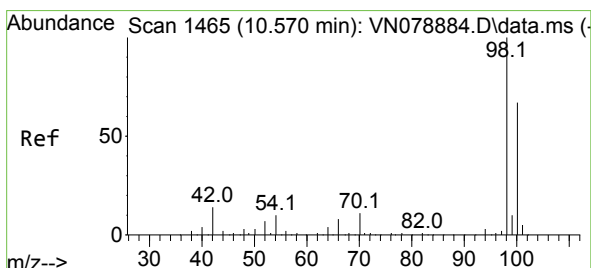
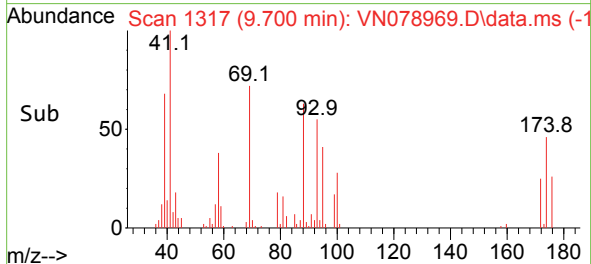
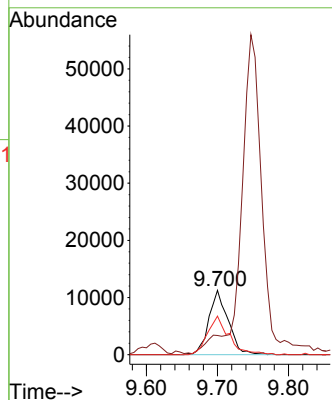
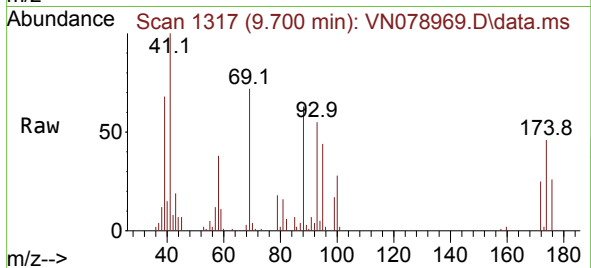
Tgt Ion: 88 Resp: 21418

Ion Ratio Lower Upper

88 100

43 25.1 17.0 25.6

58 66.6 47.0 70.4



#50

Toluene-d8

Concen: 46.206 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078969.D

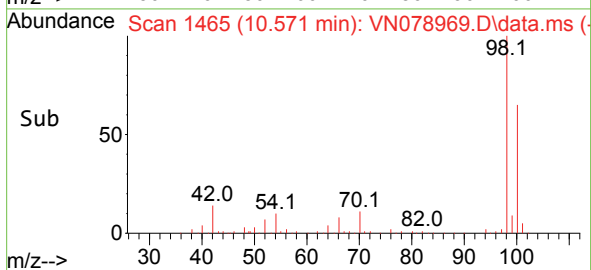
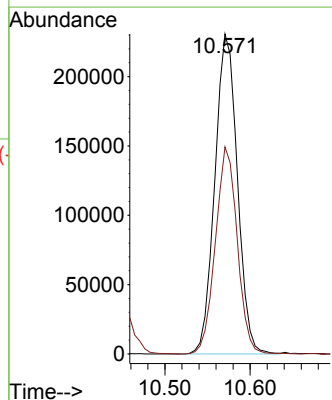
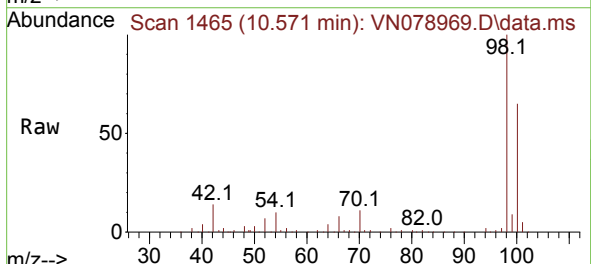
Acq: 21 Aug 2023 12:55

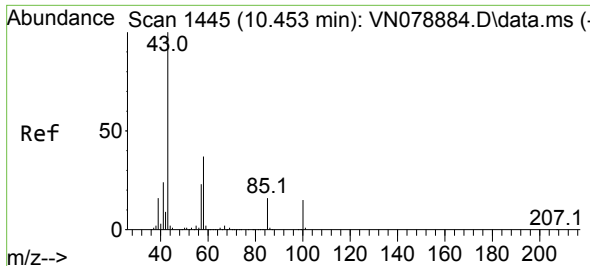
Tgt Ion: 98 Resp: 423869

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 87.867 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

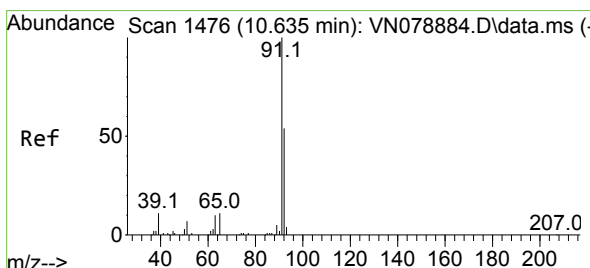
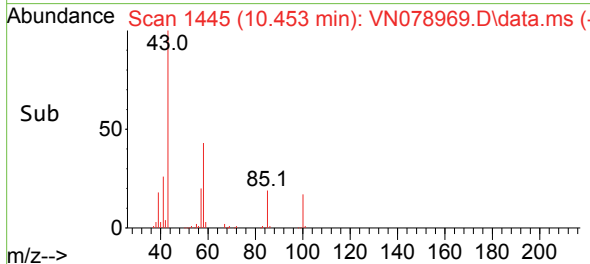
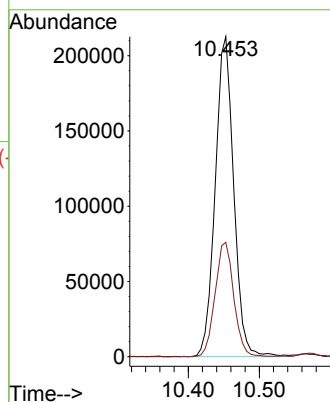
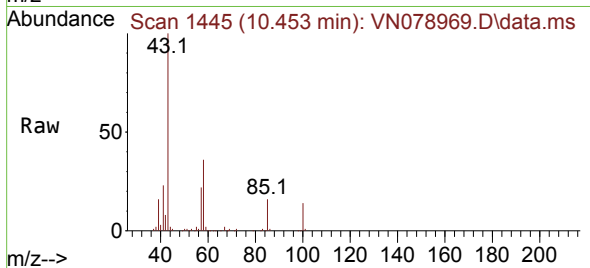
ClientSampleId :

Tgt Ion: 43 Resp: 383013

Ion Ratio Lower Upper

43 100

58 36.3 36.6 54.8#



#52

Toluene

Concen: 18.374 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078969.D

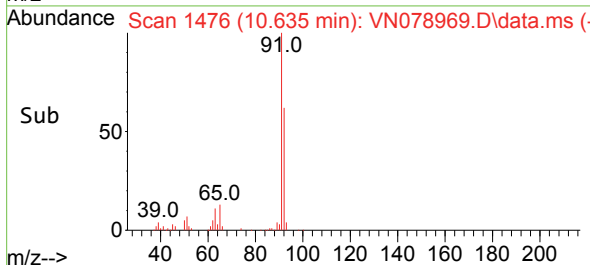
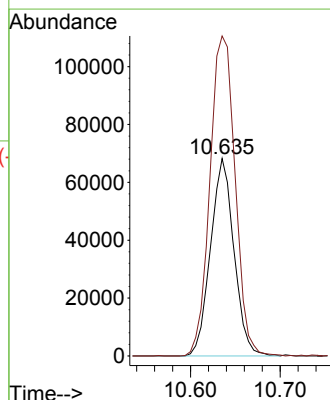
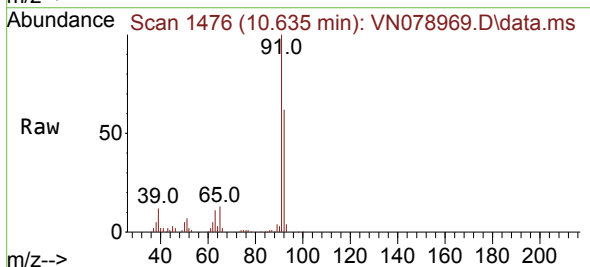
Acq: 21 Aug 2023 12:55

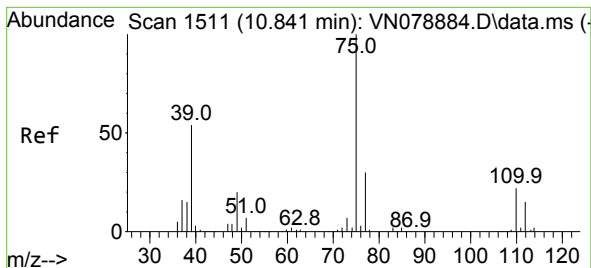
Tgt Ion: 92 Resp: 123918

Ion Ratio Lower Upper

92 100

91 174.2 137.4 206.0

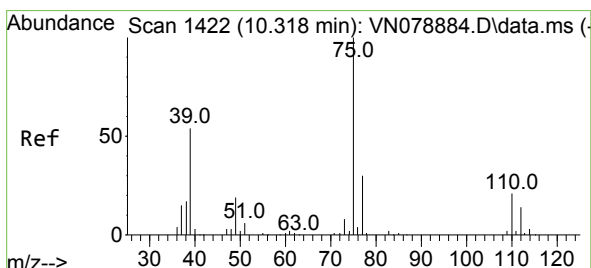
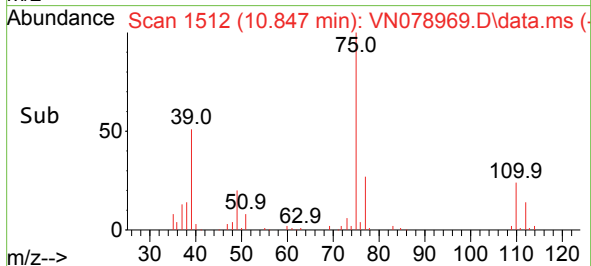
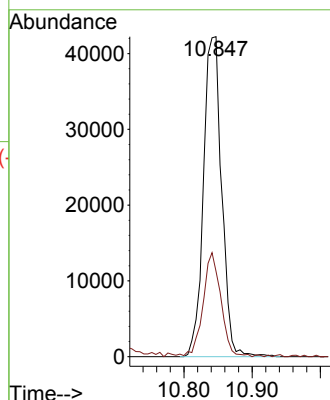
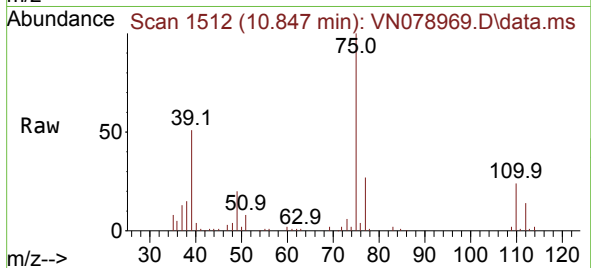




#53
 t-1,3-Dichloropropene
 Concen: 18.525 ug/l
 RT: 10.847 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

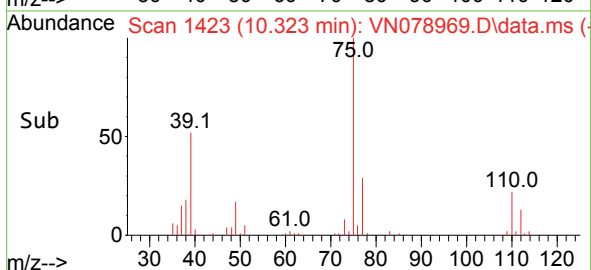
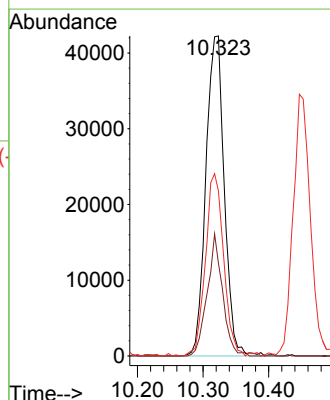
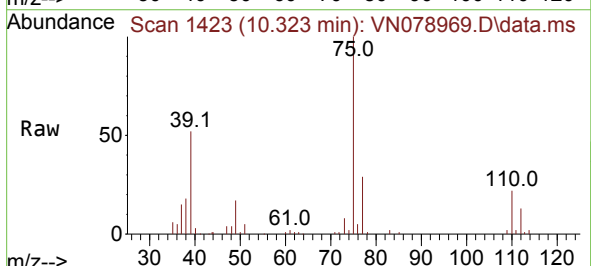
Instrument :
 MSVOA_N
 ClientSampleId :

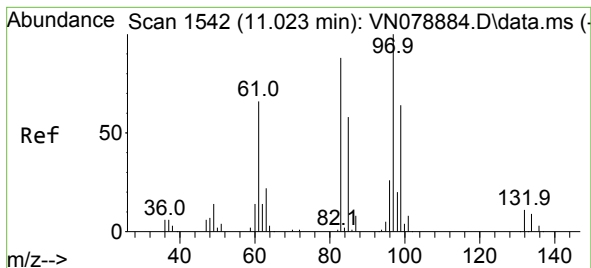
Tgt Ion: 75 Resp: 78692
 Ion Ratio Lower Upper
 75 100
 77 26.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.847 ug/l
 RT: 10.323 min Scan# 1423
 Delta R.T. 0.005 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Tgt Ion: 75 Resp: 82569
 Ion Ratio Lower Upper
 75 100
 77 28.9 26.1 39.1
 39 51.6 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 18.933 ug/l

RT: 11.023 min Scan# 1

Delta R.T. -0.001 min

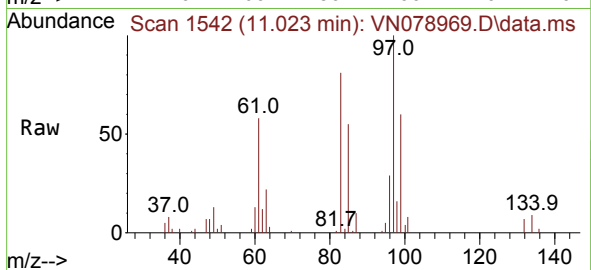
Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 51199

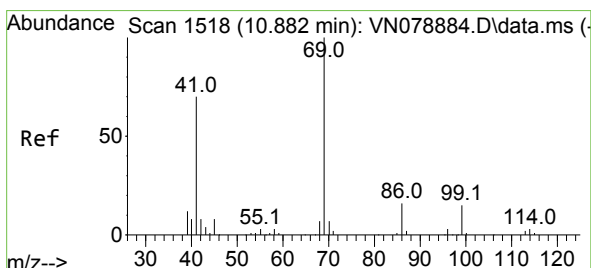
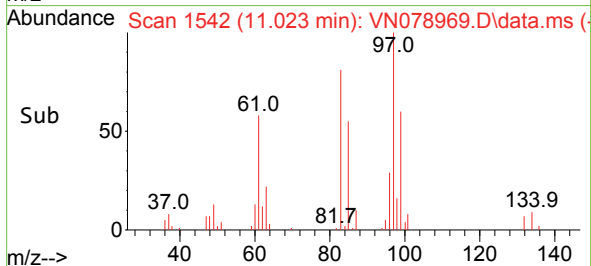
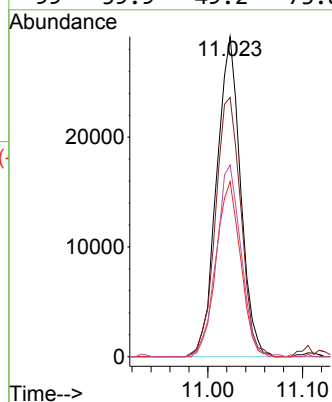
Ion Ratio Lower Upper

97 100

83 81.0 65.1 97.7

85 54.7 43.4 65.2

99 59.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 17.728 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

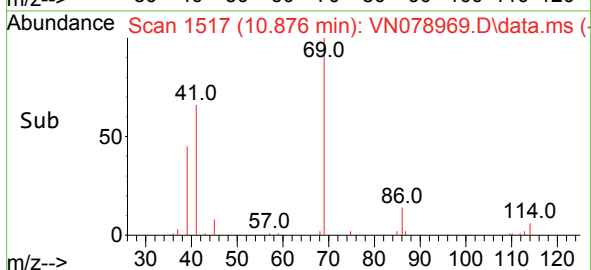
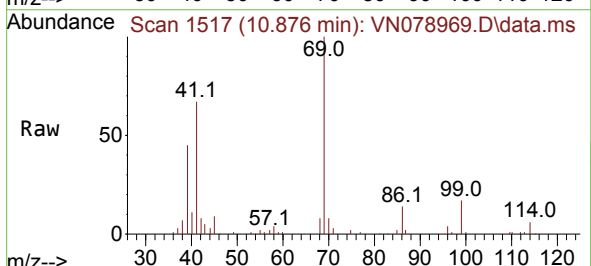
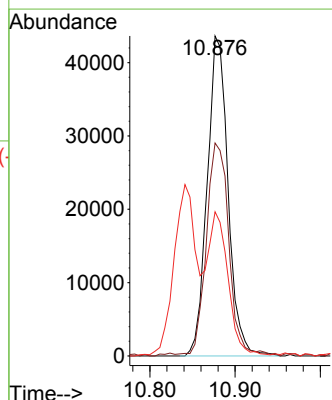
Tgt Ion: 69 Resp: 74315

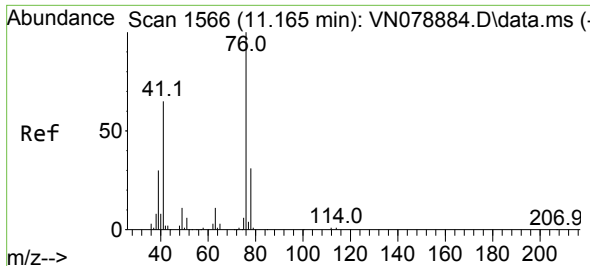
Ion Ratio Lower Upper

69 100

41 72.0 39.6 59.4#

39 44.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 18.295 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. 0.005 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

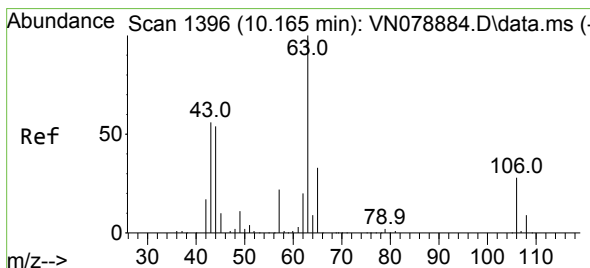
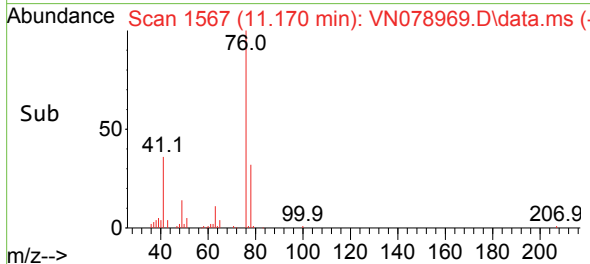
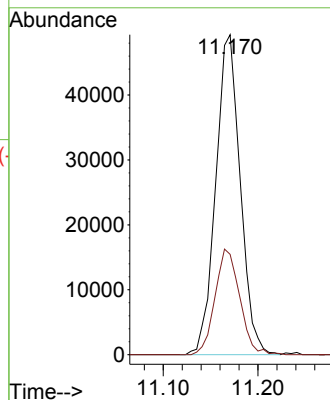
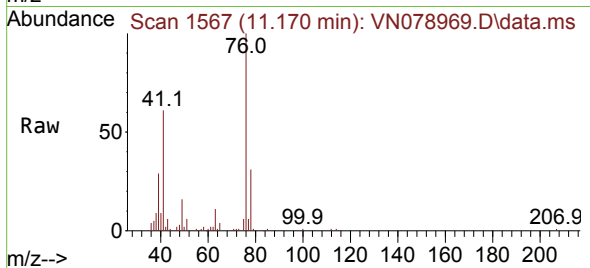
ClientSampleId :

Tgt Ion: 76 Resp: 88490

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 80.969 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078969.D

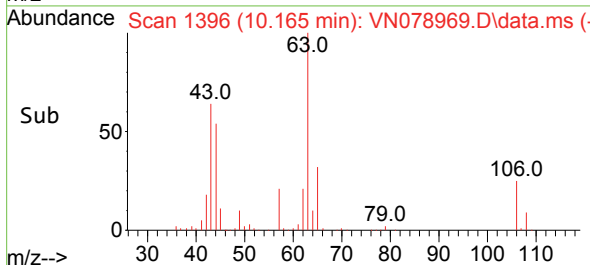
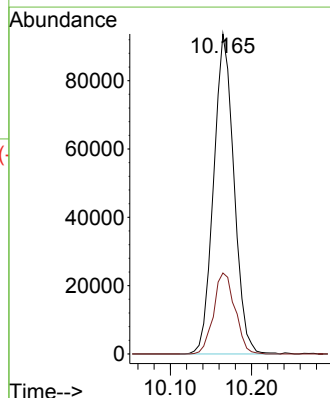
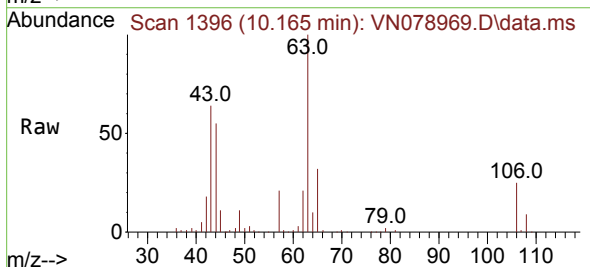
Acq: 21 Aug 2023 12:55

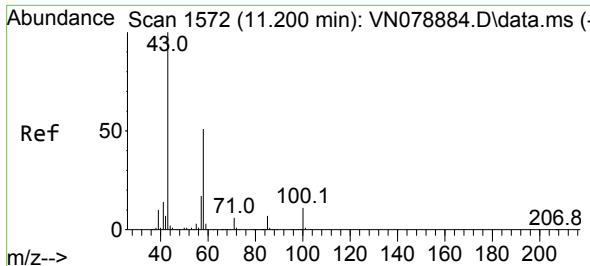
Tgt Ion: 63 Resp: 162926

Ion Ratio Lower Upper

63 100

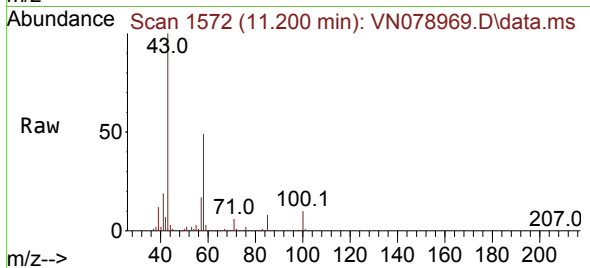
106 26.6 26.2 39.4



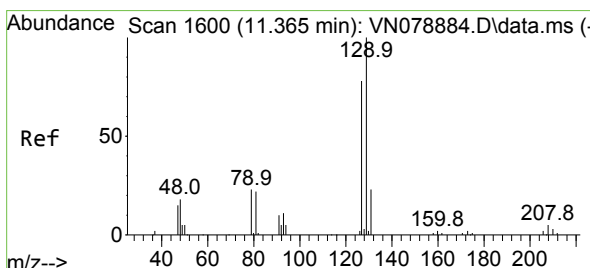
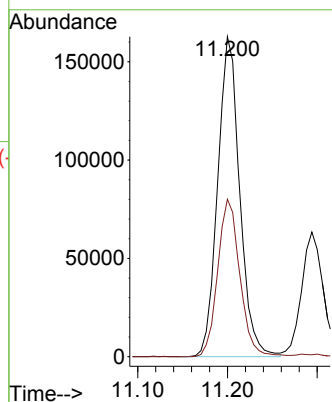
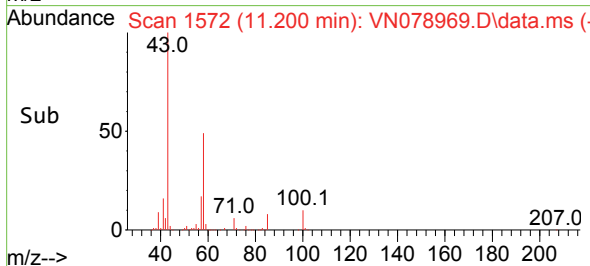


#59
2-Hexanone
Concen: 87.776 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :

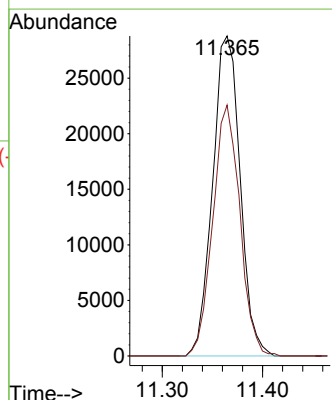
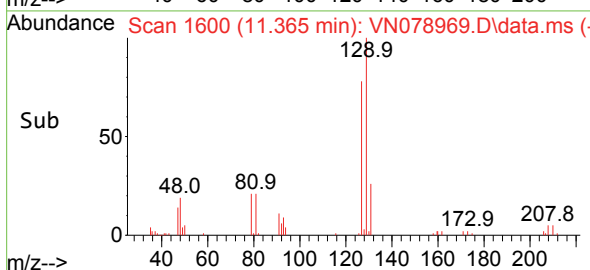
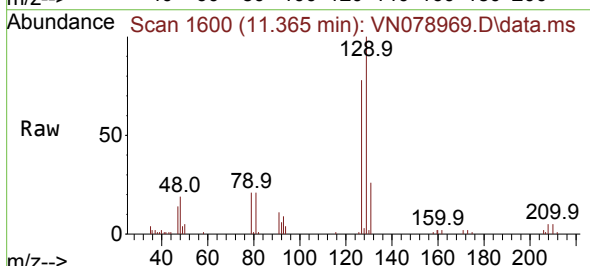


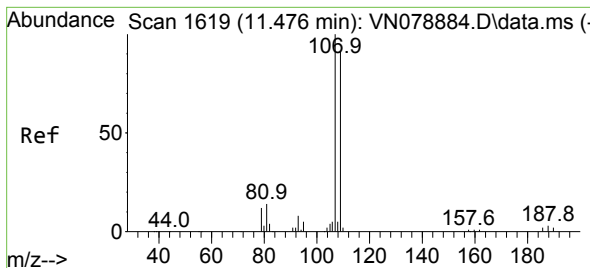
Tgt Ion: 43 Resp: 277126
Ion Ratio Lower Upper
43 100
58 49.4 31.7 95.1



#60
Dibromochloromethane
Concen: 19.293 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 129 Resp: 54901
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.317 ug/l

RT: 11.470 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

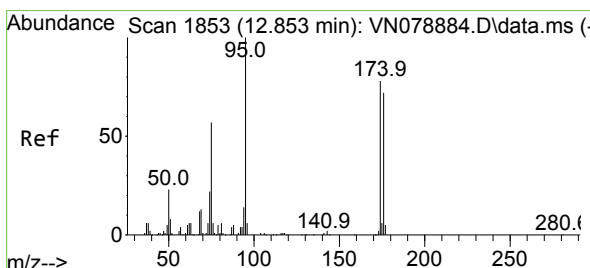
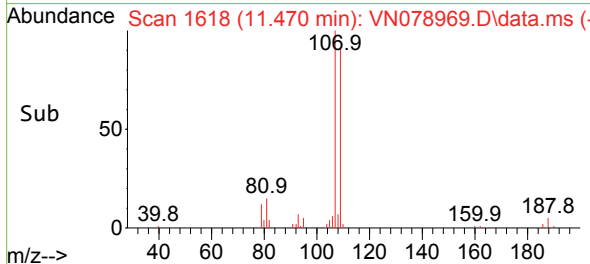
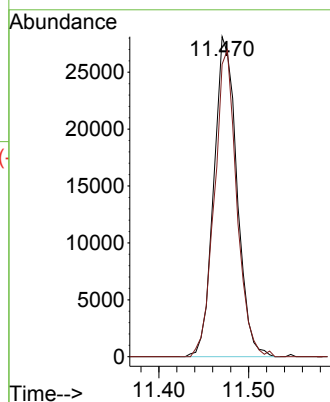
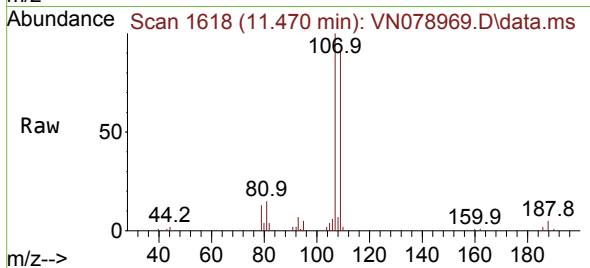
ClientSampleId :

Tgt Ion:107 Resp: 50336

Ion Ratio Lower Upper

107 100

109 92.4 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 45.429 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

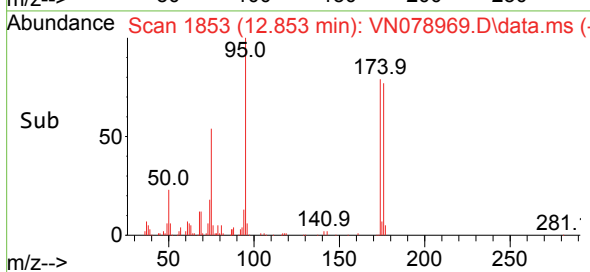
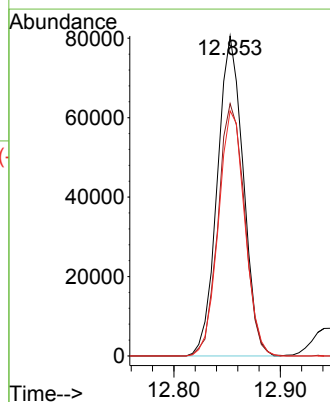
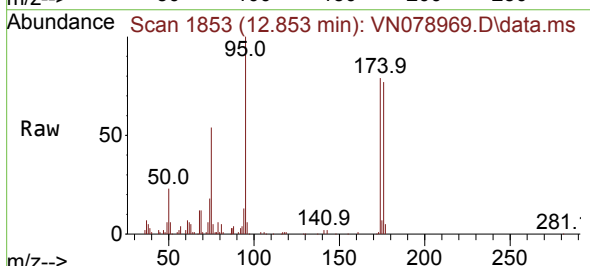
Tgt Ion: 95 Resp: 136216

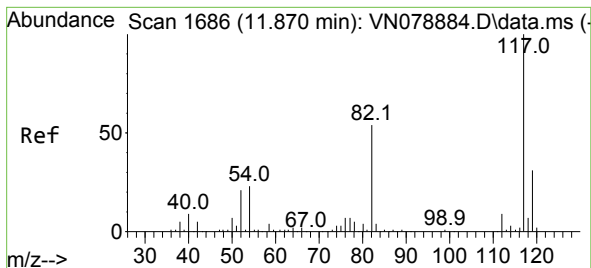
Ion Ratio Lower Upper

95 100

174 80.4 0.0 143.8

176 78.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

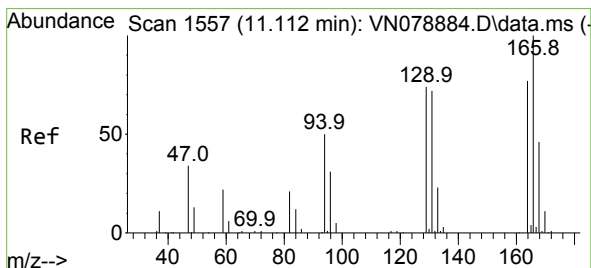
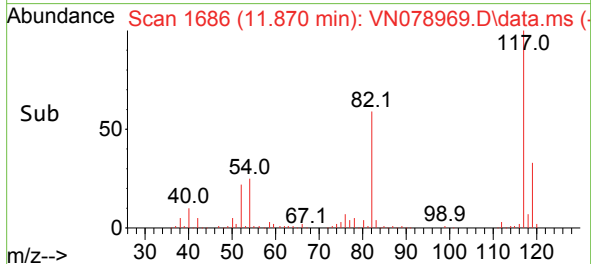
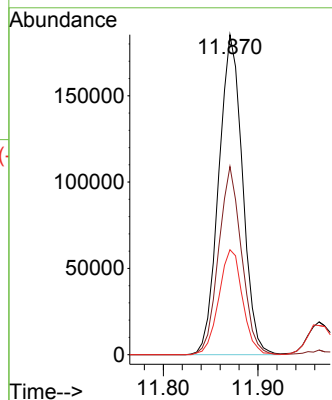
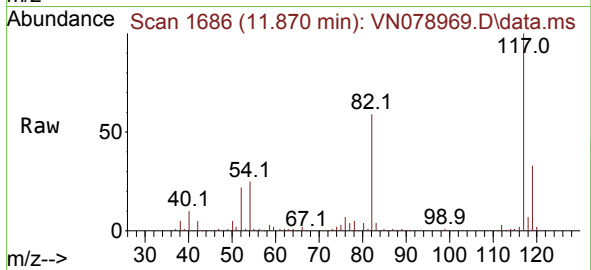
Tgt Ion:117 Resp: 323840

Ion Ratio Lower Upper

117 100

82 58.8 44.0 66.0

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 18.919 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Tgt Ion:164 Resp: 38421

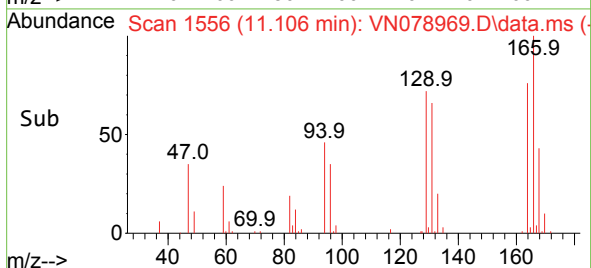
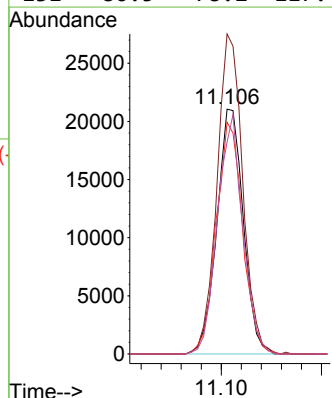
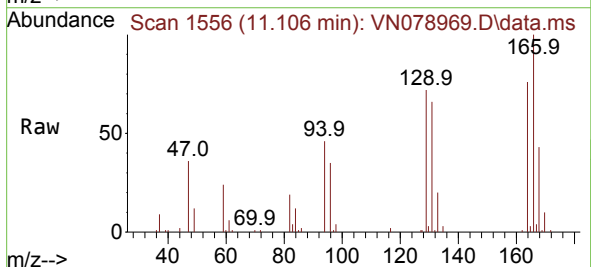
Ion Ratio Lower Upper

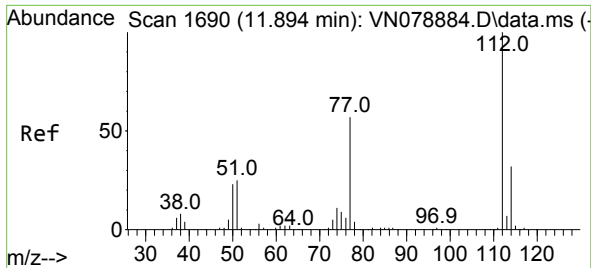
164 100

166 130.7 101.4 152.0

129 94.7 82.4 123.6

131 86.5 78.2 117.4

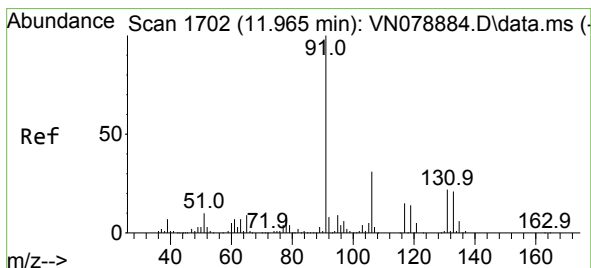
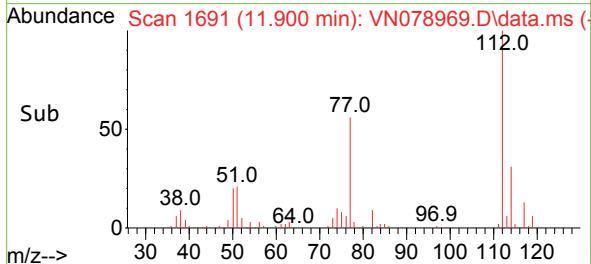
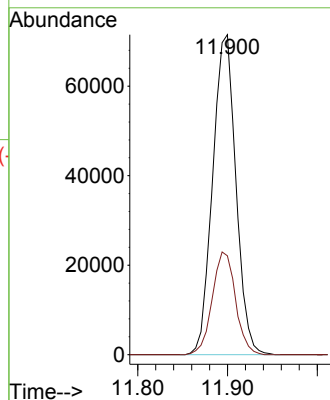
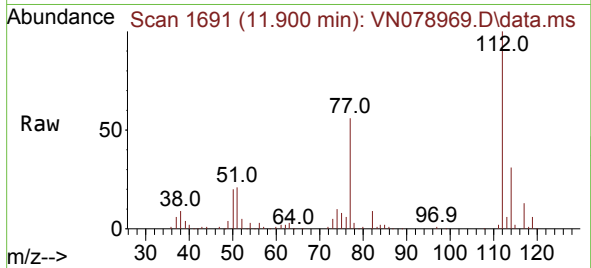




#65
Chlorobenzene
Concen: 18.658 ug/l
RT: 11.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

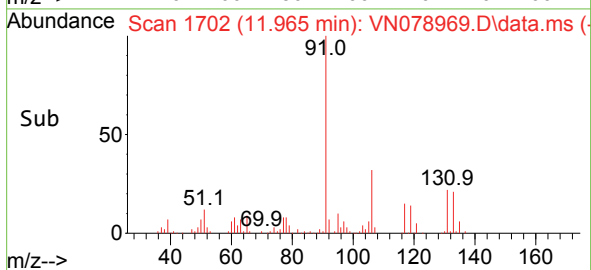
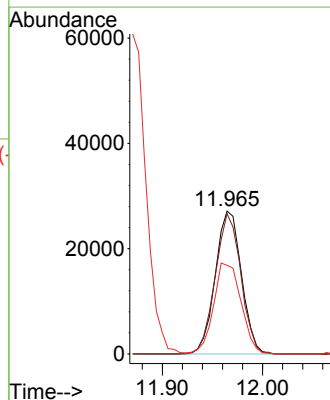
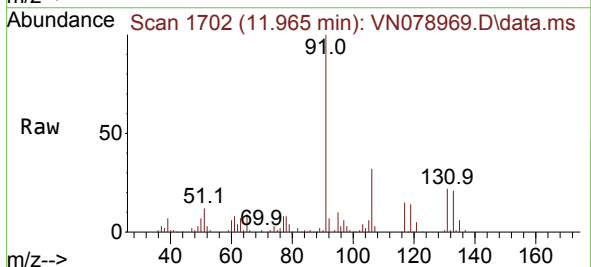
Instrument :
MSVOA_N
ClientSampleId :

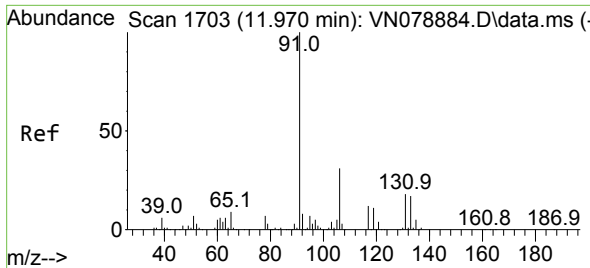
Tgt Ion:112 Resp: 128615
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.846 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion:131 Resp: 49095
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.1
119 66.8 34.1 102.2

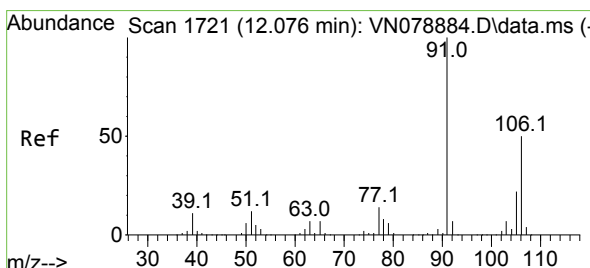
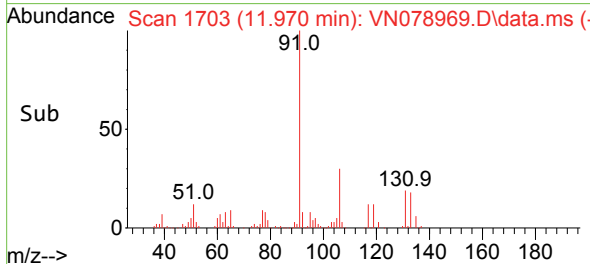
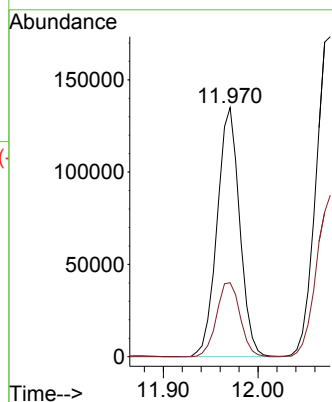
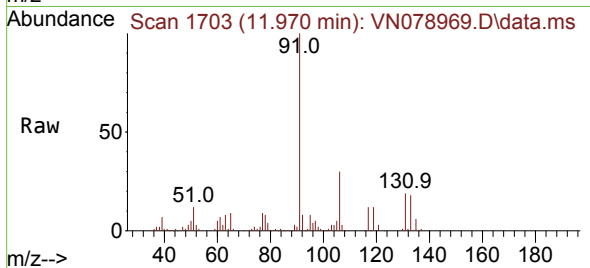




#67
Ethyl Benzene
Concen: 17.782 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

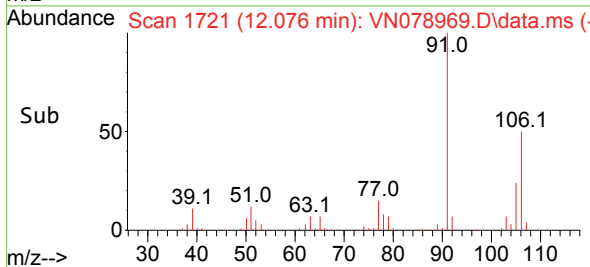
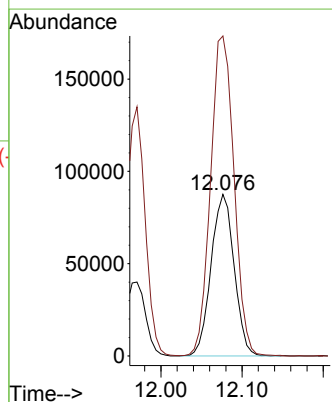
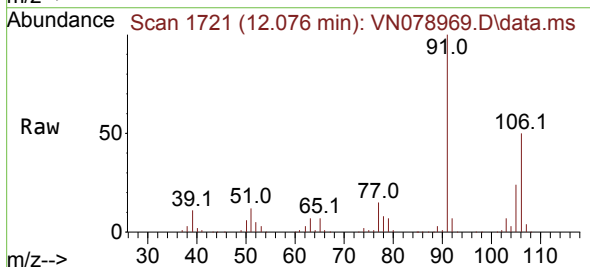
Instrument :
MSVOA_N
ClientSampleId :

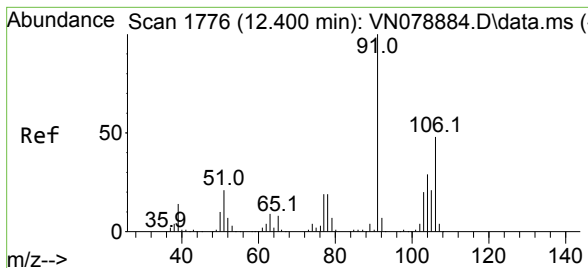
Tgt Ion: 91 Resp: 222912
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 36.853 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion:106 Resp: 172724
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





#69

o-Xylene

Concen: 18.057 ug/l

RT: 12.406 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

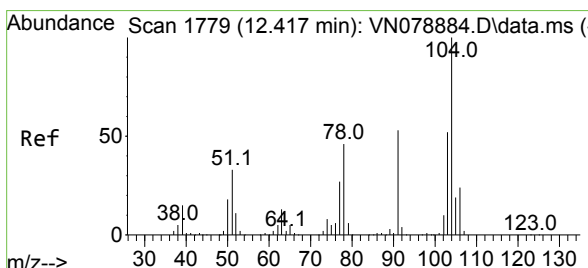
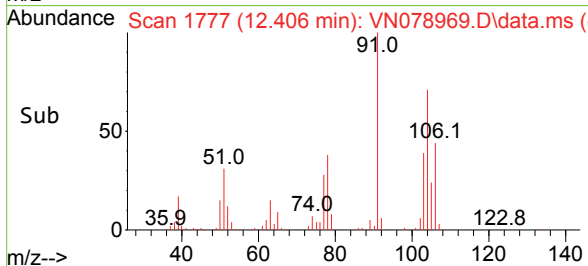
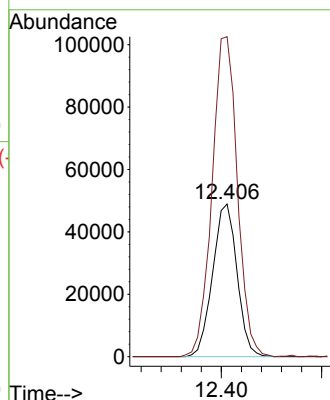
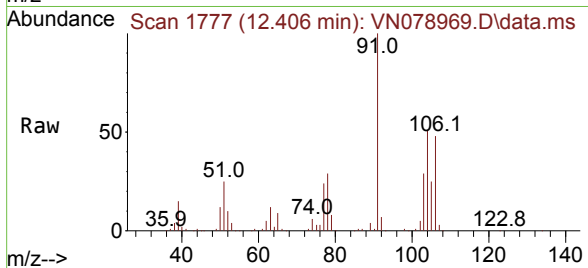
ClientSampleId :

Tgt Ion:106 Resp: 82327

Ion Ratio Lower Upper

106 100

91 217.6 105.2 315.5



#70

Styrene

Concen: 17.813 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

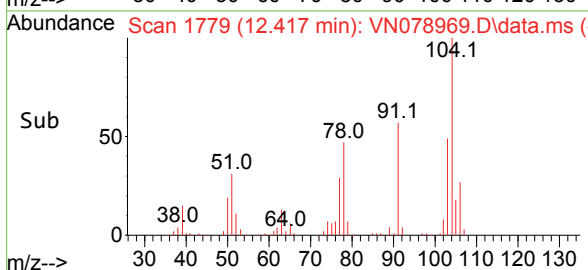
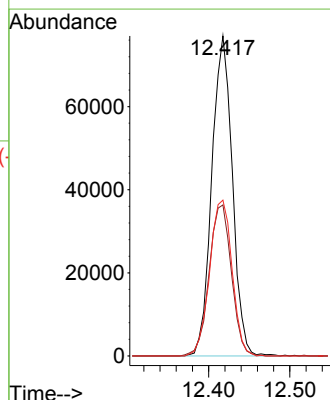
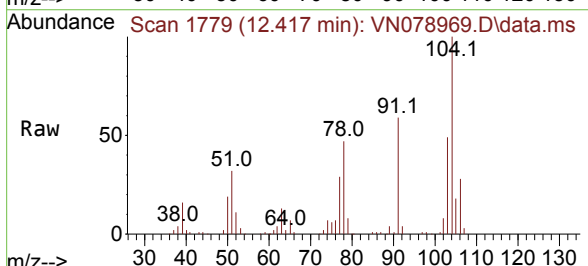
Tgt Ion:104 Resp: 135417

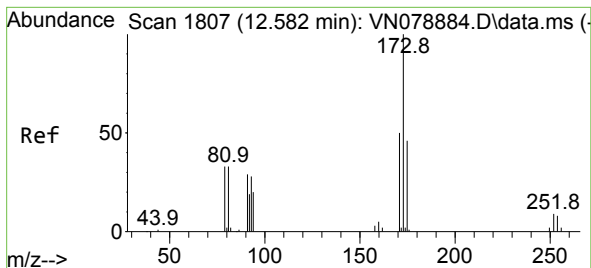
Ion Ratio Lower Upper

104 100

78 51.2 39.5 59.3

103 53.2 43.2 64.8





#71

Bromoform

Concen: 19.452 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078969.D

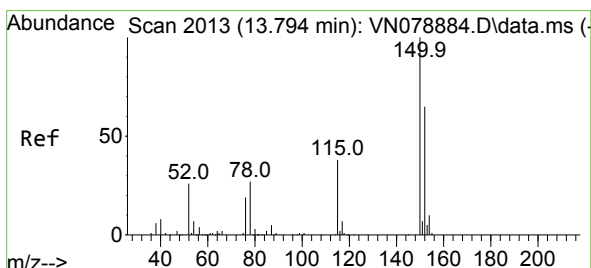
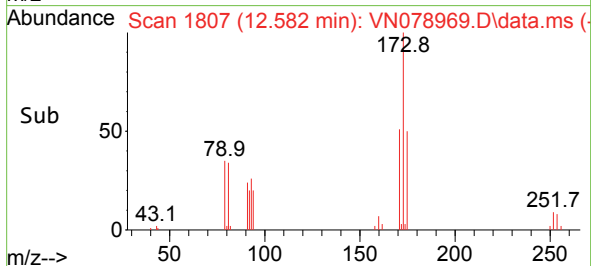
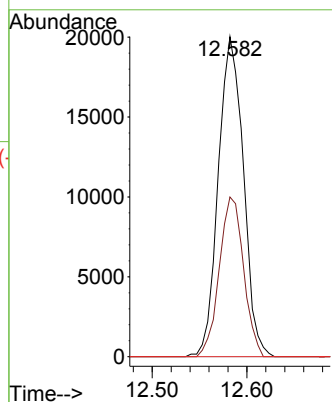
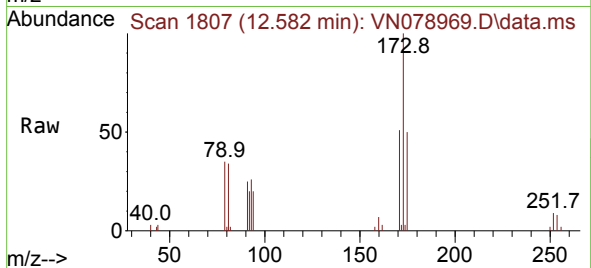
Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	36841
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.3 73.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

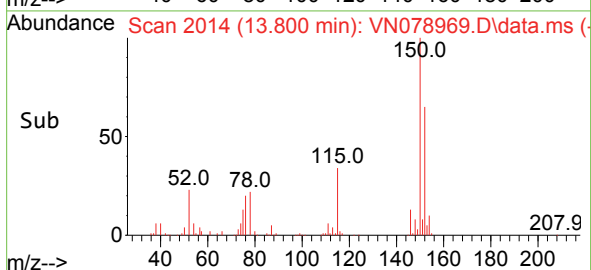
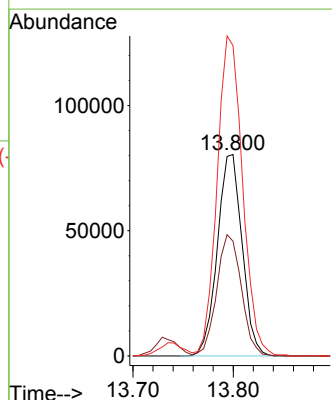
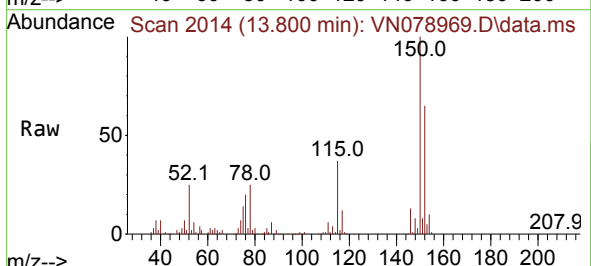
RT: 13.800 min Scan# 2014

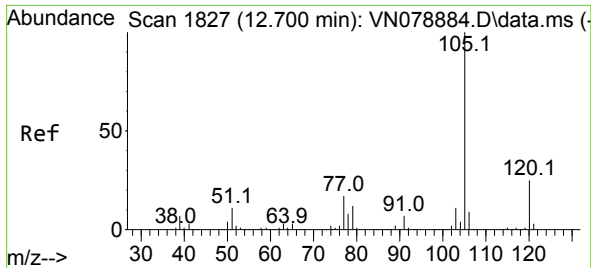
Delta R.T. 0.006 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Tgt Ion:152	Resp:	137827
Ion Ratio	Lower	Upper
152	100	
115	60.1	32.3 96.8
150	163.8	0.0 355.8

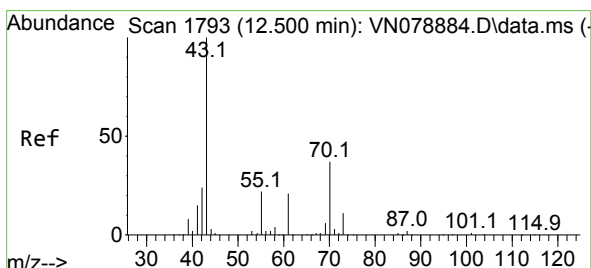
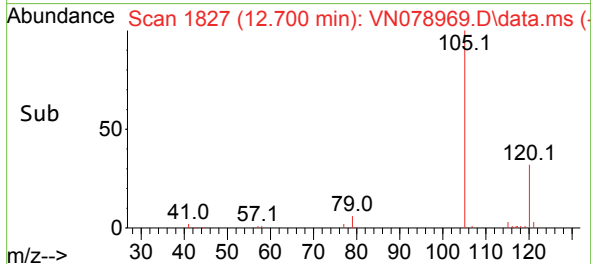
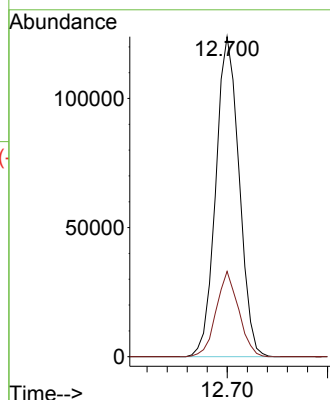
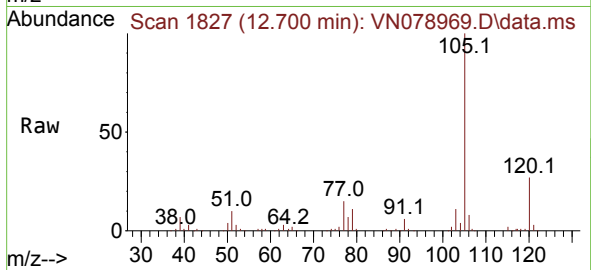




#73
Isopropylbenzene
Concen: 17.422 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

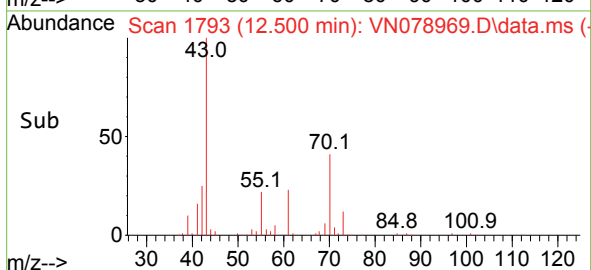
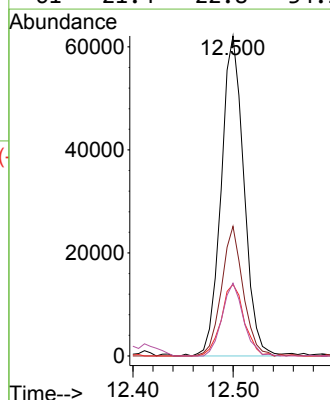
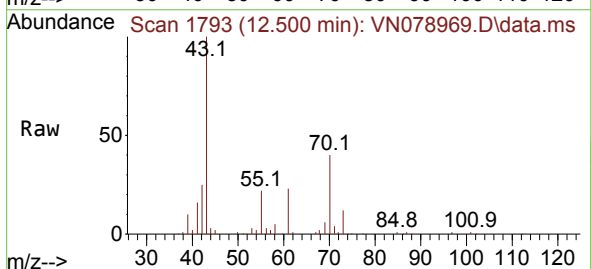
Instrument :
MSVOA_N
ClientSampleId :

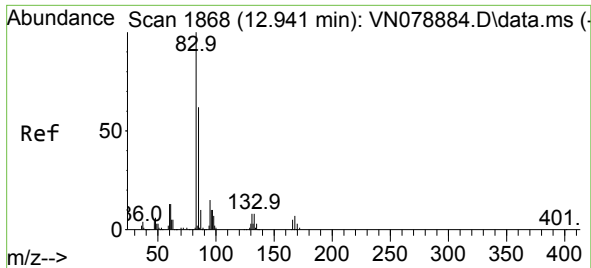
Tgt Ion:105 Resp: 200219
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 16.830 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 43 Resp: 97631
Ion Ratio Lower Upper
43 100
70 38.8 43.4 65.2#
55 22.6 21.4 32.0
61 21.4 22.8 34.2#

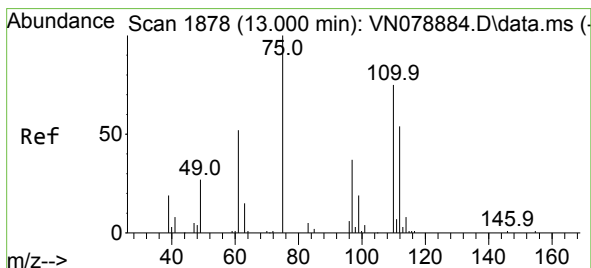
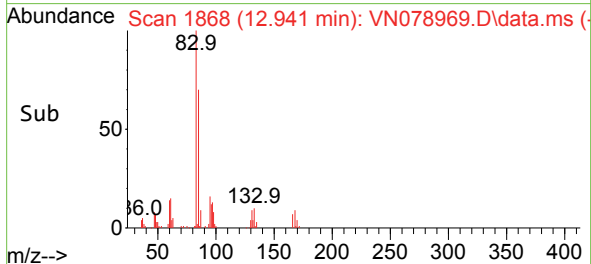
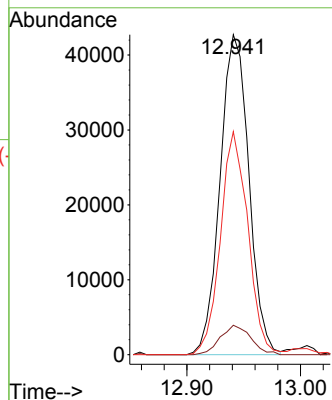
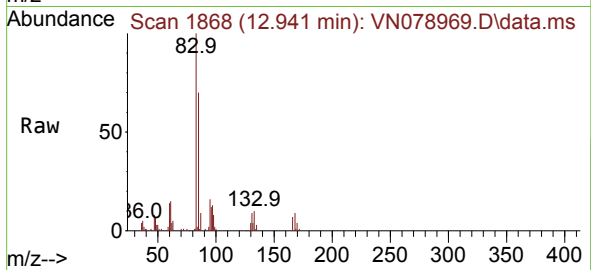




#75
1,1,2,2-Tetrachloroethane
Concen: 18.160 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

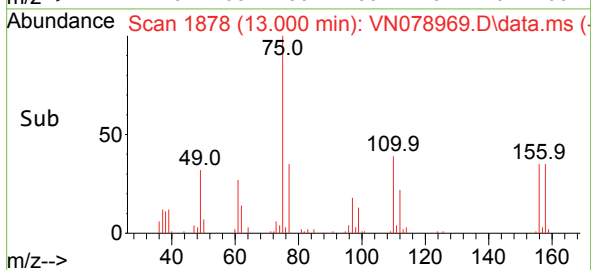
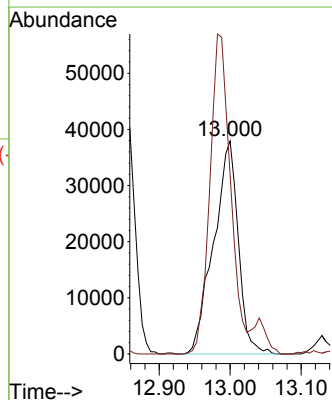
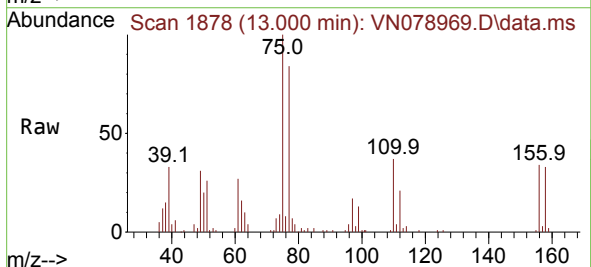
Instrument :
MSVOA_N
ClientSampleId :

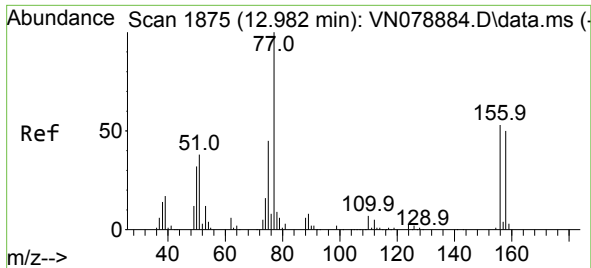
Tgt Ion: 83 Resp: 75358
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 66.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.415 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 75 Resp: 91043
Ion Ratio Lower Upper
75 100
77 126.2 84.5 253.5

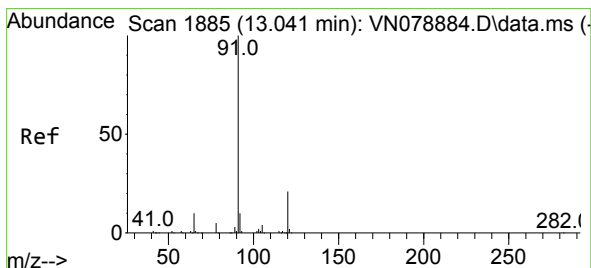
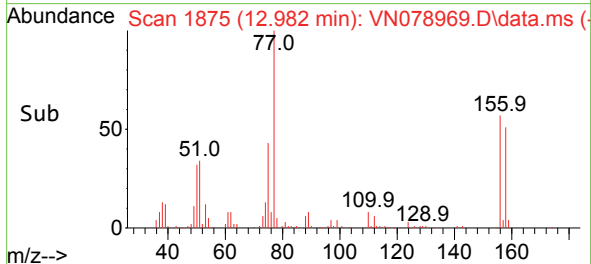
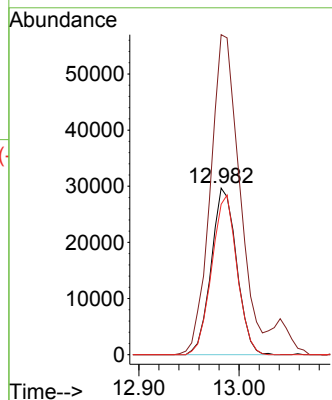
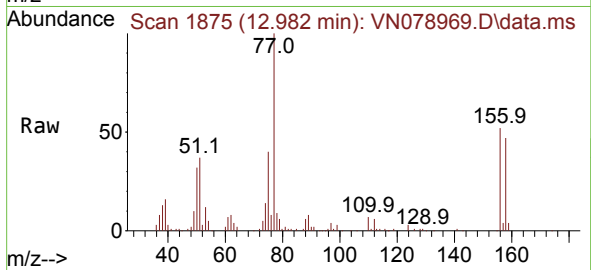




#77
Bromobenzene
Concen: 18.901 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

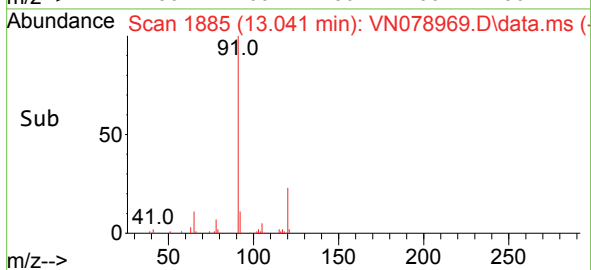
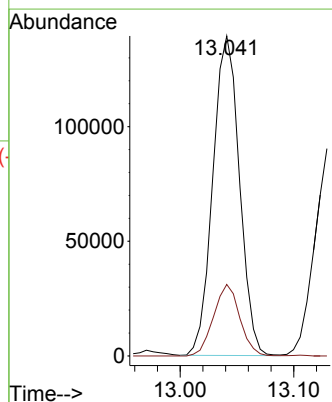
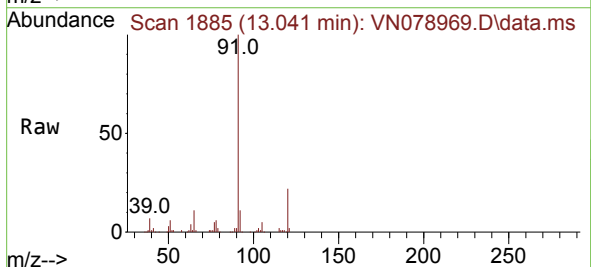
Instrument :
MSVOA_N
ClientSampleId :

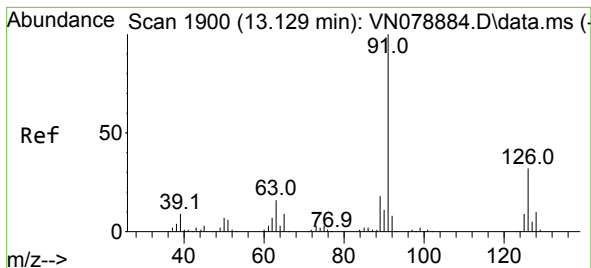
Tgt Ion:156 Resp: 52211
Ion Ratio Lower Upper
156 100
77 220.0 107.7 323.3
158 95.2 48.4 145.3



#78
n-propylbenzene
Concen: 17.013 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 91 Resp: 226718
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.927 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

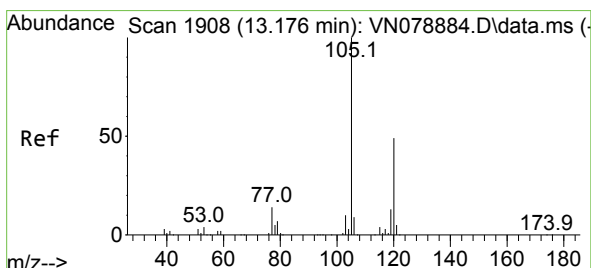
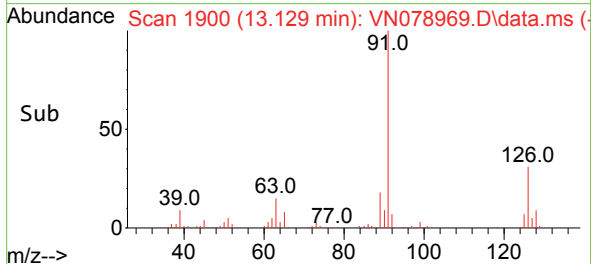
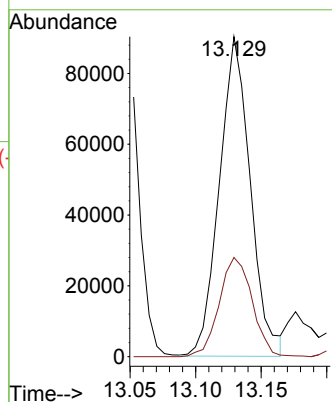
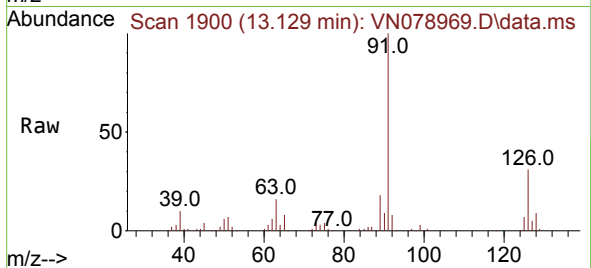
ClientSampleId :

Tgt Ion: 91 Resp: 148196

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 17.808 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078969.D

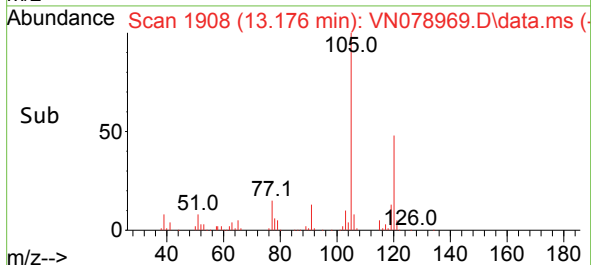
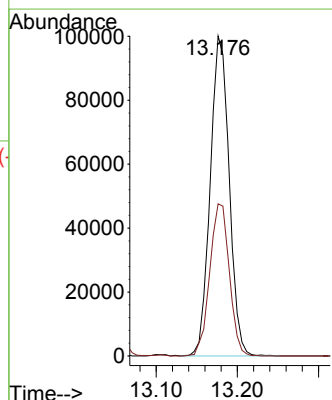
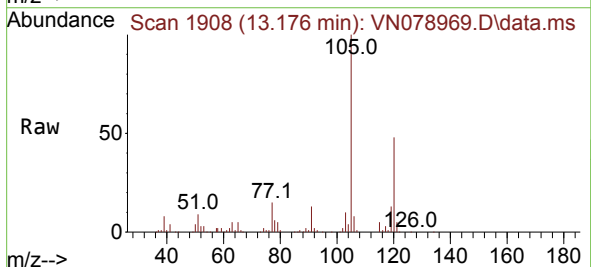
Acq: 21 Aug 2023 12:55

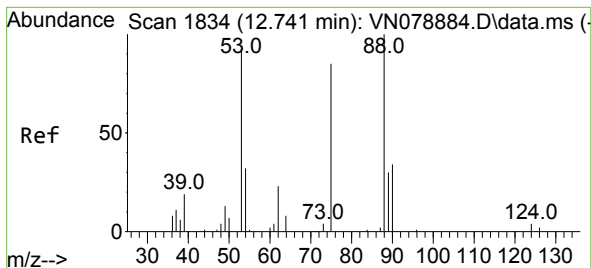
Tgt Ion: 105 Resp: 162182

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3

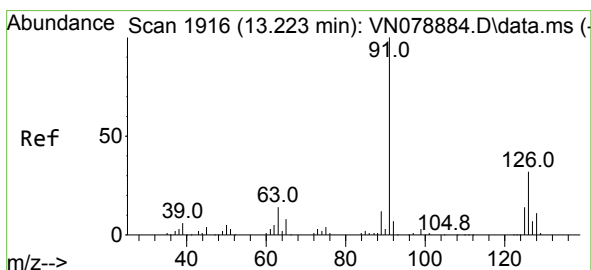
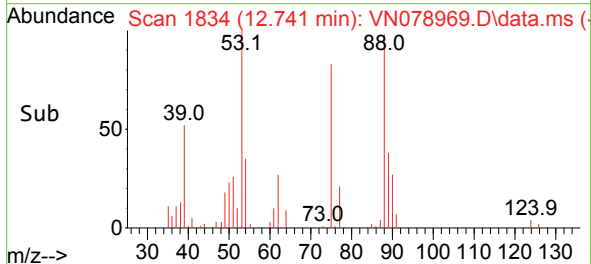
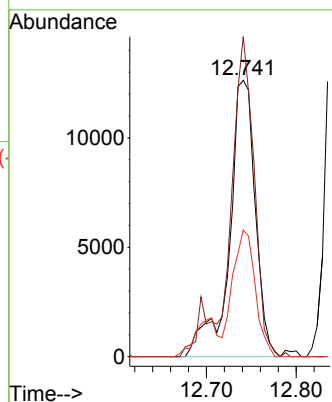
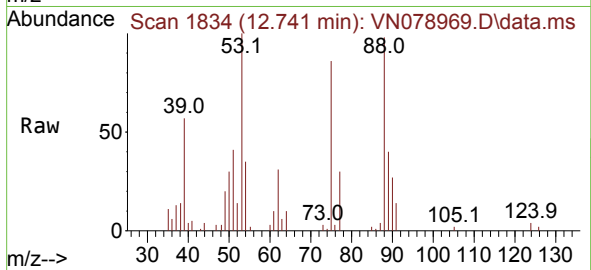




#81
trans-1,4-Dichloro-2-butene
Concen: 19.464 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

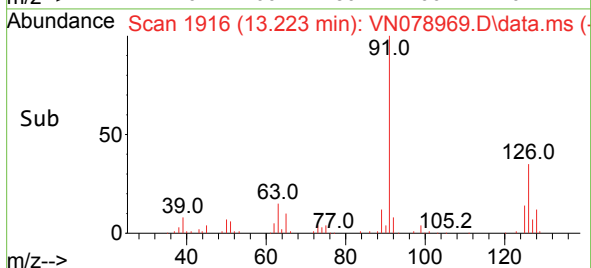
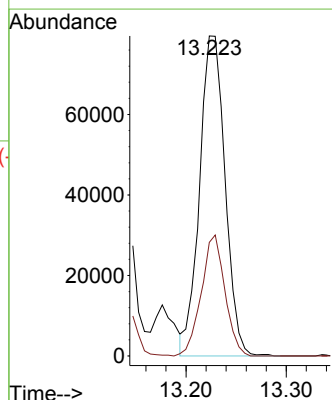
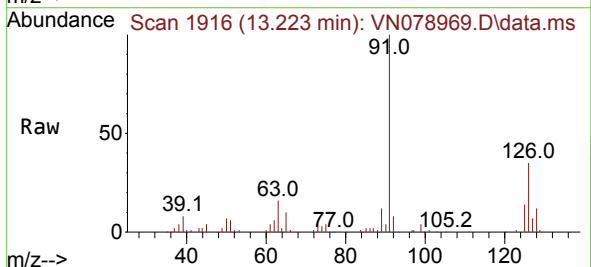
Instrument :
MSVOA_N
ClientSampleId :

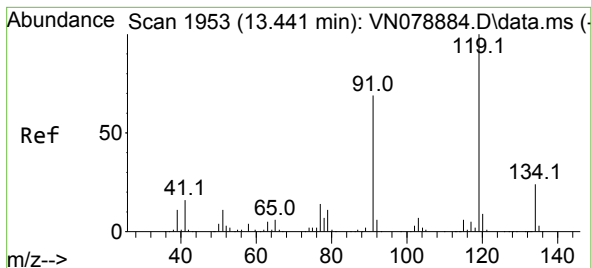
Tgt Ion: 75 Resp: 25304
Ion Ratio Lower Upper
75 100
53 96.1 67.4 101.2
89 39.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.418 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

Tgt Ion: 91 Resp: 140885
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.526 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

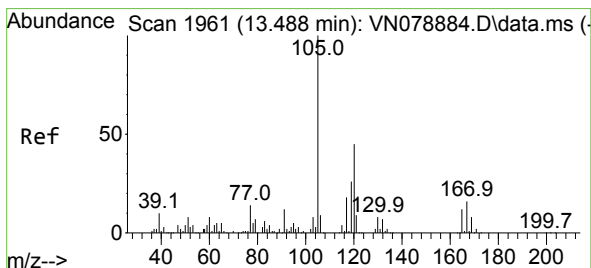
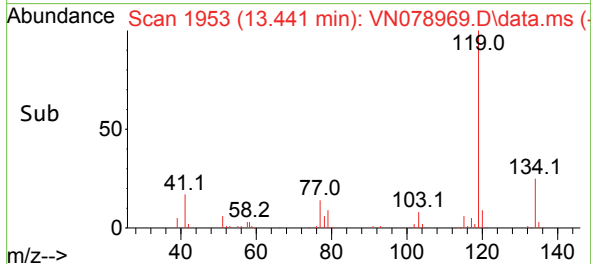
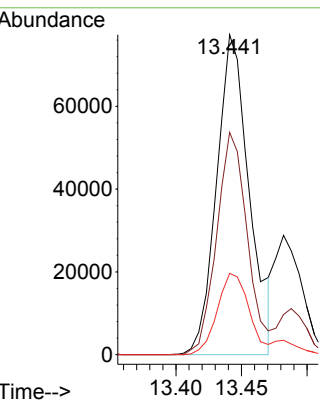
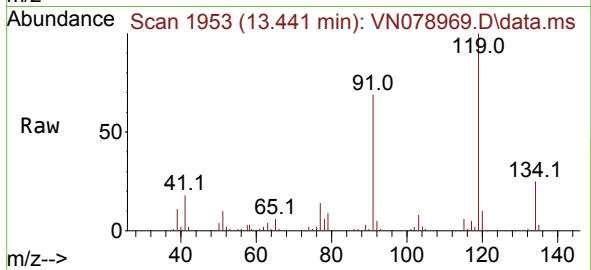
Tgt Ion:119 Resp: 134107

Ion Ratio Lower Upper

119 100

91 65.2 33.9 101.7

134 24.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 17.481 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078969.D

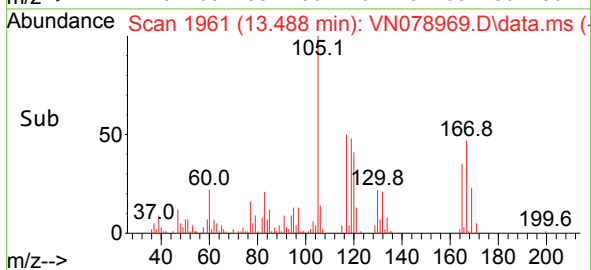
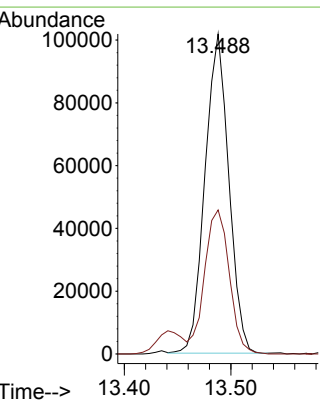
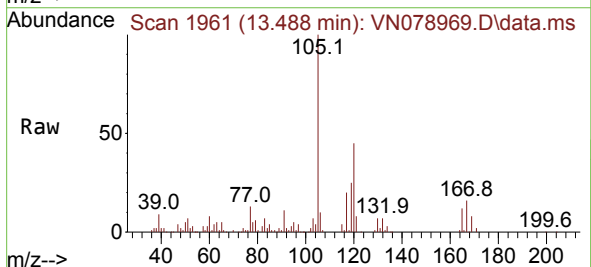
Acq: 21 Aug 2023 12:55

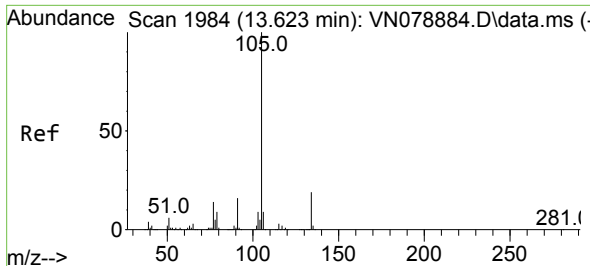
Tgt Ion:105 Resp: 157644

Ion Ratio Lower Upper

105 100

120 47.0 22.0 66.0

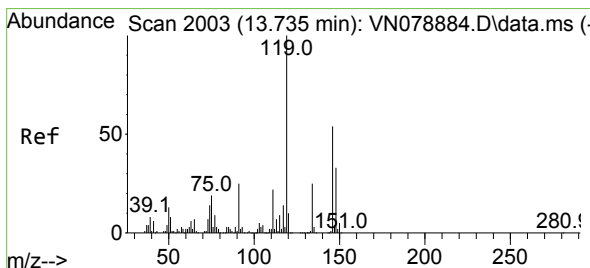
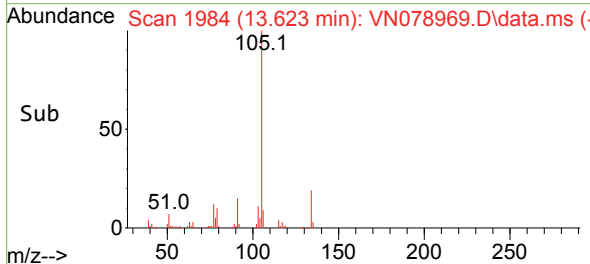
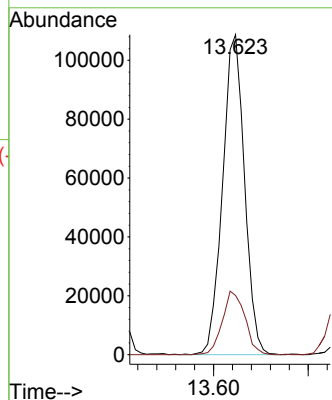
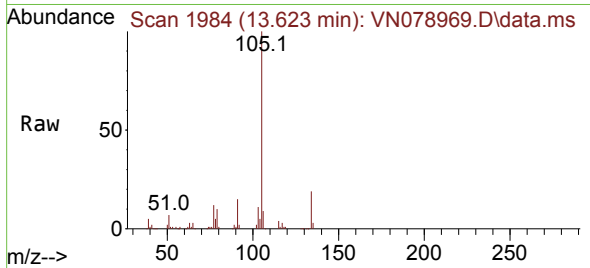




#85
 sec-Butylbenzene
 Concen: 16.593 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

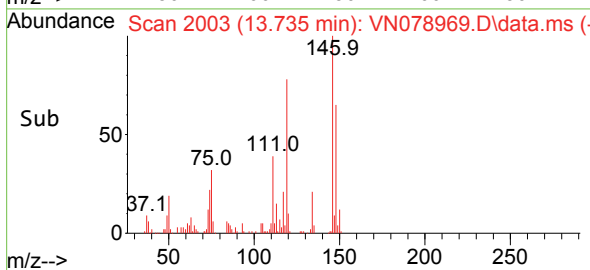
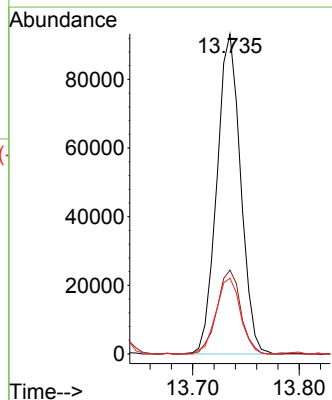
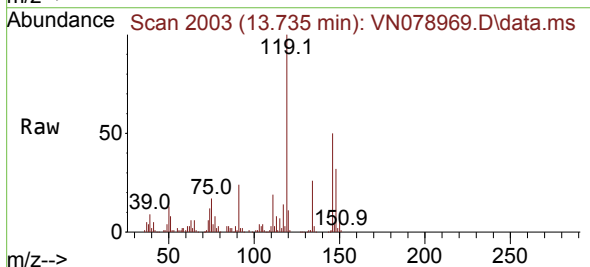
Instrument :
 MSVOA_N
 ClientSampleId :

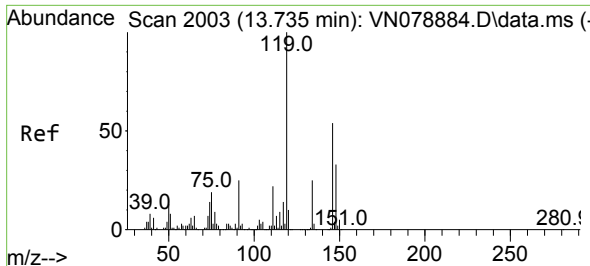
Tgt Ion:105 Resp: 174737
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.135 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Tgt Ion:119 Resp: 144163
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.668 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

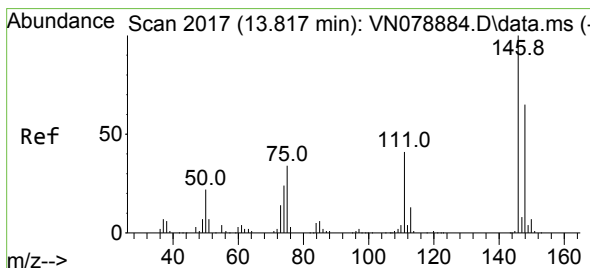
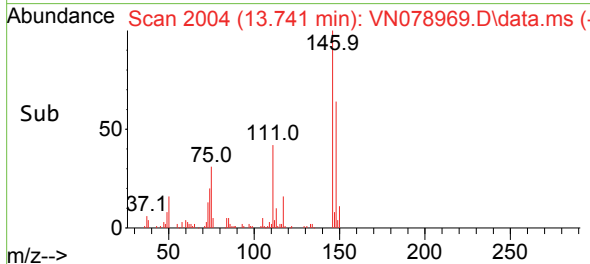
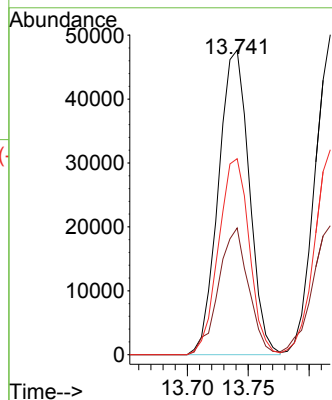
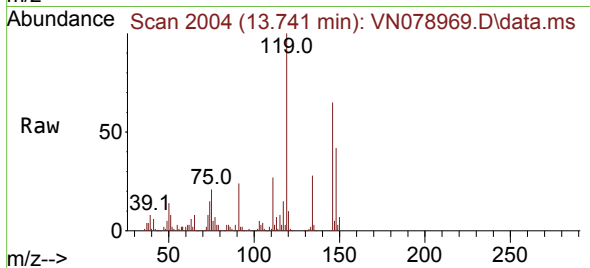
Tgt Ion:146 Resp: 83984

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.3

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.486 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

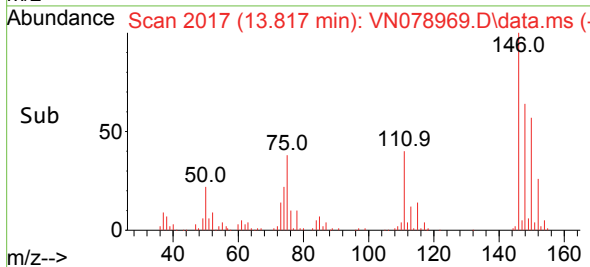
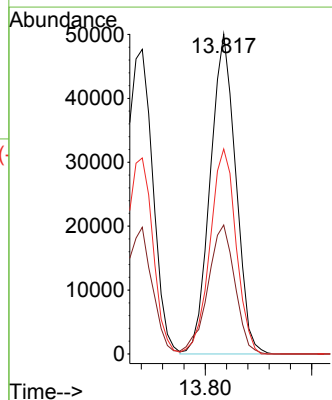
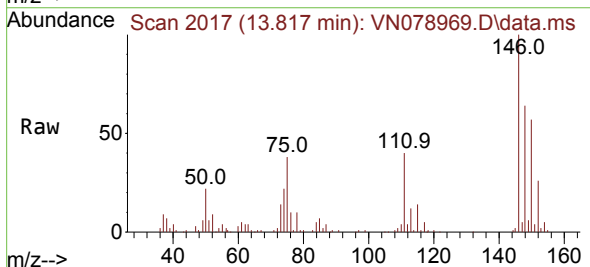
Tgt Ion:146 Resp: 83192

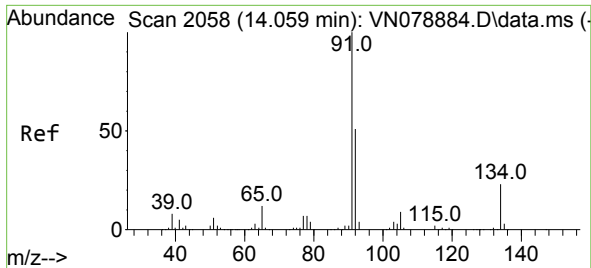
Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.8

148 65.6 31.6 94.8

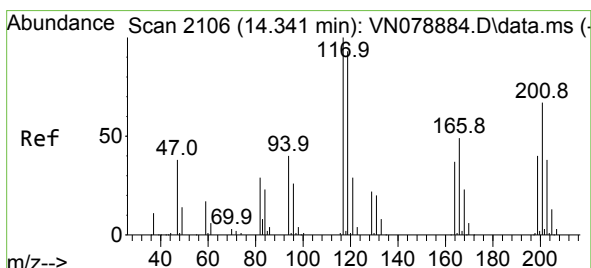
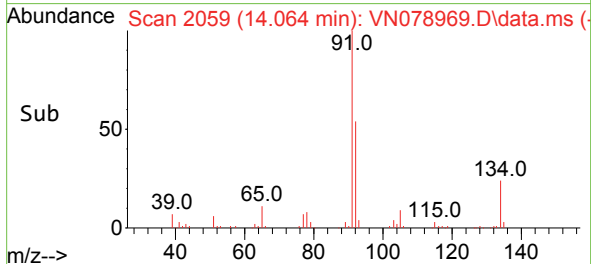
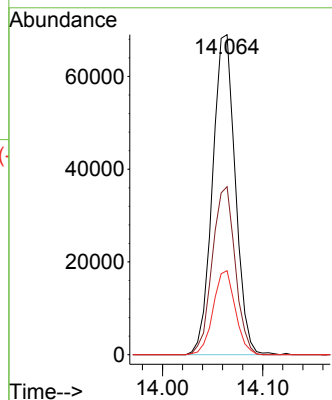
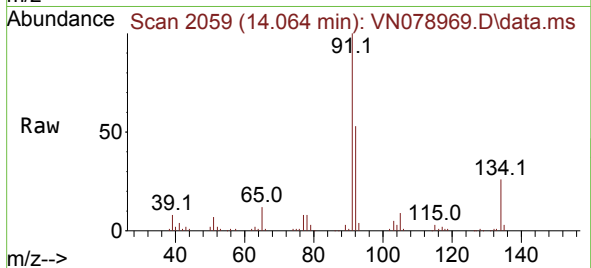




#89
n-Butylbenzene
Concen: 15.745 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

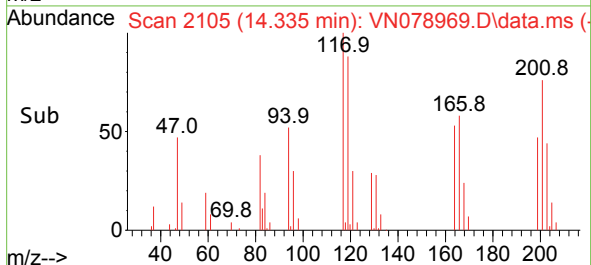
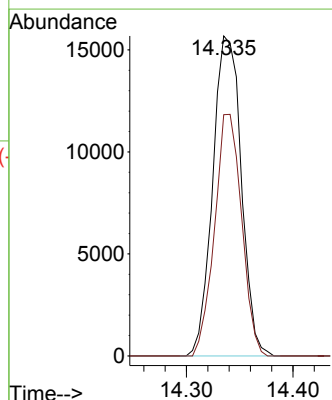
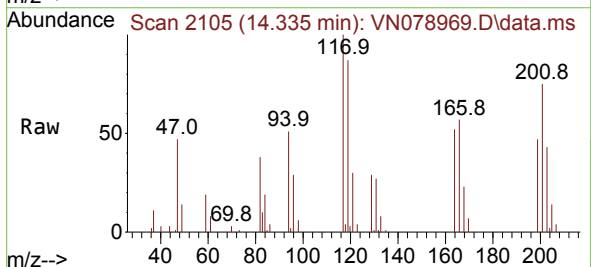
Instrument :
MSVOA_N
ClientSampleId :

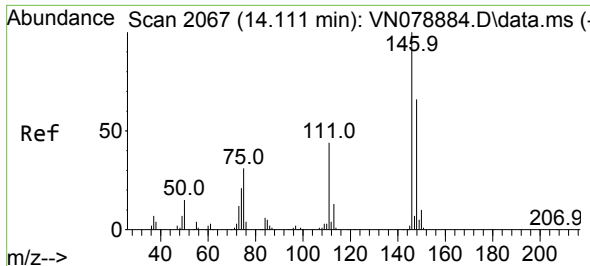
Tgt Ion: 91 Resp: 109018
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 17.279 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078969.D
Acq: 21 Aug 2023 12:55

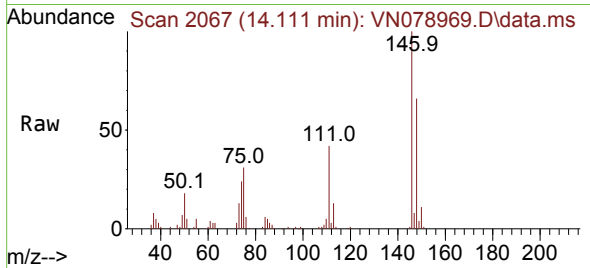
Tgt Ion: 117 Resp: 29141
Ion Ratio Lower Upper
117 100
201 71.6 29.3 88.0



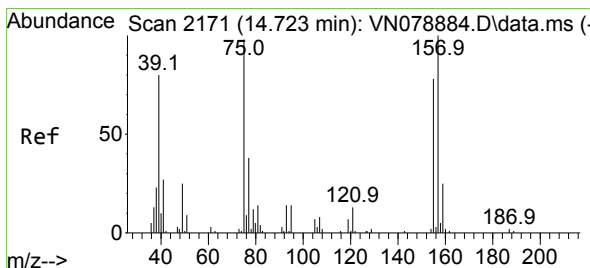
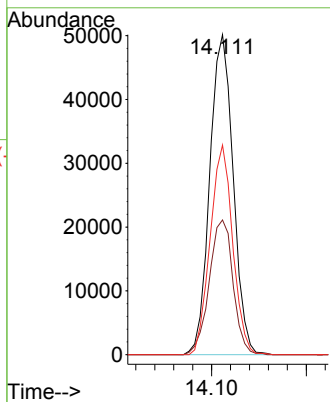
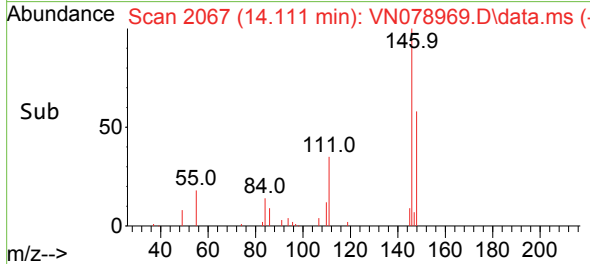


#91
 1,2-Dichlorobenzene
 Concen: 18.164 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. -0.001 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

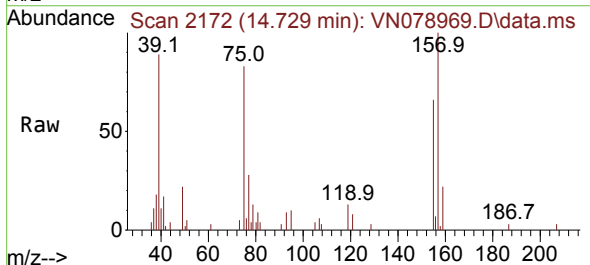
Instrument :
 MSVOA_N
 ClientSampleId :



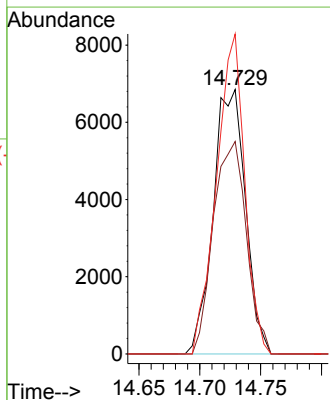
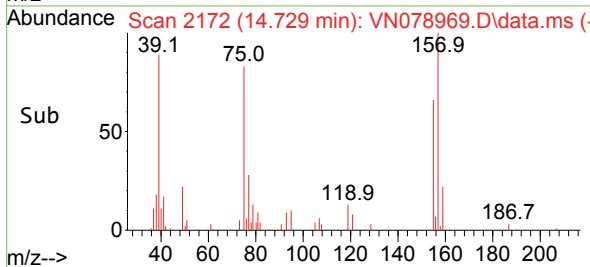
Tgt Ion:146 Resp: 85861
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.0 66.0
 148 63.2 31.8 95.3

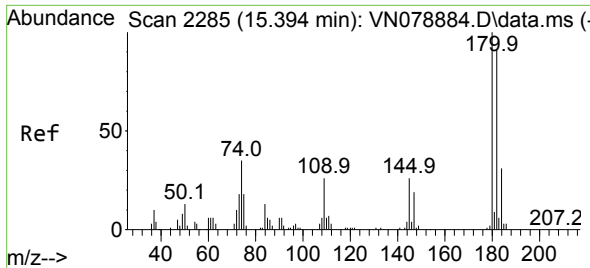


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.443 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55



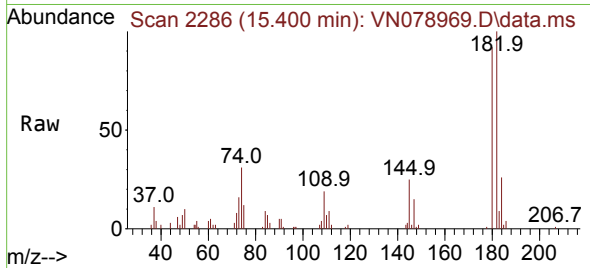
Tgt Ion: 75 Resp: 12654
 Ion Ratio Lower Upper
 75 100
 155 82.0 39.1 117.2
 157 105.8 50.3 150.9



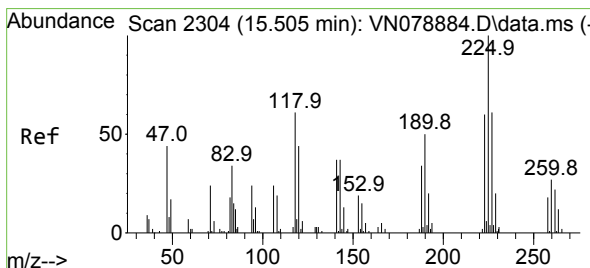
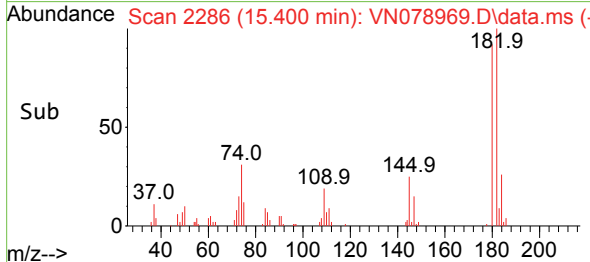
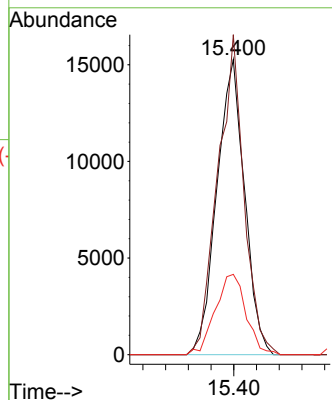


#93
 1,2,4-Trichlorobenzene
 Concen: 15.462 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Instrument :
 MSVOA_N
 ClientSampleId :

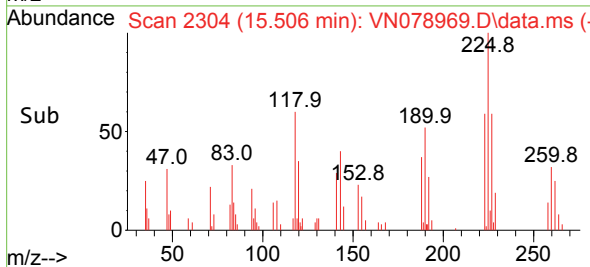
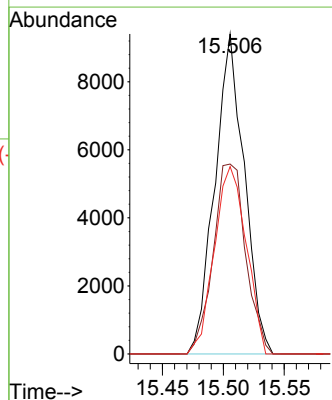
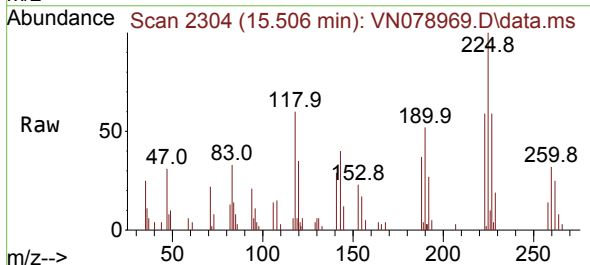


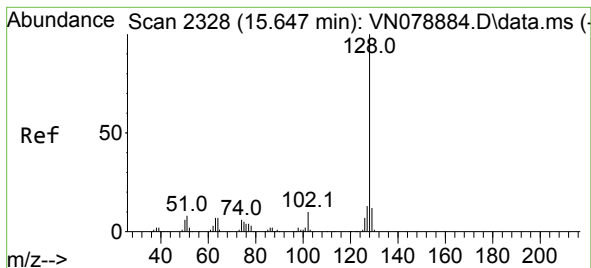
Tgt Ion:180 Resp: 25910
 Ion Ratio Lower Upper
 180 100
 182 102.1 46.1 138.2
 145 30.1 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 16.257 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN078969.D
 Acq: 21 Aug 2023 12:55

Tgt Ion:225 Resp: 15855
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.3 93.8
 227 63.5 31.9 95.9





#95

Naphthalene

Concen: 13.581 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078969.D

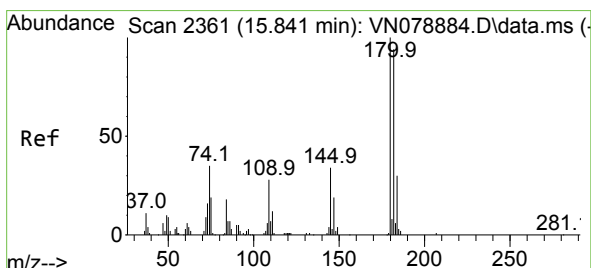
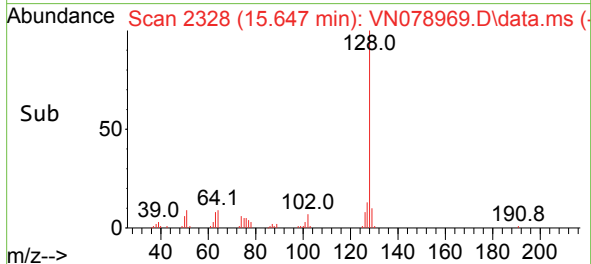
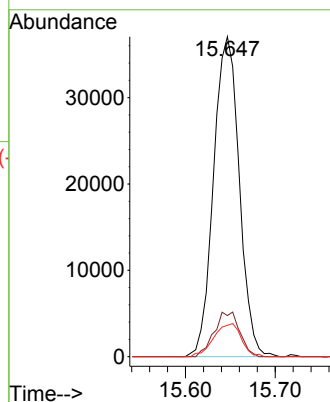
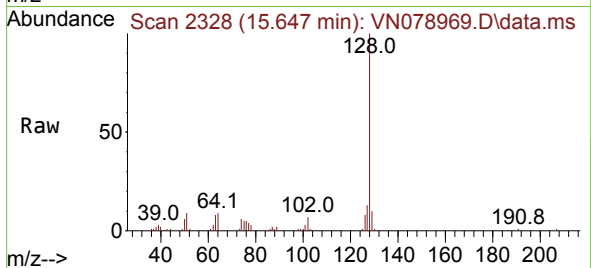
Acq: 21 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	73700
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.0 15.0
129	11.1	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.000 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078969.D

Acq: 21 Aug 2023 12:55

Tgt Ion:180	Resp:	29366
Ion Ratio	Lower	Upper
180	100	
182	101.0	46.2 138.6
145	37.8	17.5 52.6

