

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078970.D
 Acq On : 21 Aug 2023 13:19
 Operator : JC\MD
 Sample : VN0821WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 00:55:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	208050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	319873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143592	44.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.700%
35) Dibromofluoromethane	8.171	113	113936	46.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	10.571	98	415768	46.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.853	95	128446	43.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	52773	18.281	ug/l	97
3) Chloromethane	2.365	50	57856	14.354	ug/l	93
4) Vinyl Chloride	2.512	62	60382	17.082	ug/l	94
5) Bromomethane	2.948	94	34958	17.225	ug/l	96
6) Chloroethane	3.118	64	38807	15.705	ug/l	95
7) Trichlorofluoromethane	3.495	101	76700	17.815	ug/l	99
8) Diethyl Ether	3.959	74	29068	17.810	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	40621	17.716	ug/l	98
10) Methyl Iodide	4.583	142	46506	18.128	ug/l #	93
11) Tert butyl alcohol	5.530	59	47027	86.567	ug/l	99
12) 1,1-Dichloroethene	4.342	96	39674	17.763	ug/l #	78
13) Acrolein	4.189	56	28419	86.766	ug/l	98
14) Allyl chloride	5.030	41	65703	14.780	ug/l #	86
15) Acrylonitrile	5.724	53	132732	90.190	ug/l	98
16) Acetone	4.436	43	122372	91.608	ug/l	91
17) Carbon Disulfide	4.712	76	111397	17.817	ug/l	97
18) Methyl Acetate	5.036	43	101182	17.930	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	142484	17.709	ug/l #	87
20) Methylene Chloride	5.271	84	49499	17.388	ug/l #	90
21) trans-1,2-Dichloroethene	5.795	96	44591	17.803	ug/l	90
22) Diisopropyl ether	6.677	45	168894	17.959	ug/l #	88
23) Vinyl Acetate	6.612	43	530474	85.667	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	90939	17.700	ug/l	97
25) 2-Butanone	7.494	43	189346	88.410	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	72036	17.346	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	53737	17.652	ug/l	89
28) Bromochloromethane	7.812	49	55200	20.254	ug/l #	72
29) Tetrahydrofuran	7.847	42	123329	87.001	ug/l #	72
30) Chloroform	7.971	83	91063	17.742	ug/l	93
31) Cyclohexane	8.259	56	73951	16.549	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	77280	17.658	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	66507	18.166	ug/l	96
37) Ethyl Acetate	7.571	43	76739	18.734	ug/l #	90
38) Carbon Tetrachloride	8.365	117	68271	18.611	ug/l	99
39) Methylcyclohexane	9.606	83	57081	16.952	ug/l #	89
40) Benzene	8.612	78	201351	18.607	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41765	18.721	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	73050	18.069	ug/l	97
43) Isopropyl Acetate	8.694	43	139521	19.270	ug/l #	83
44) Trichloroethene	9.359	130	48004	18.669	ug/l	86
45) 1,2-Dichloropropane	9.624	63	50922	17.674	ug/l	90
46) Dibromomethane	9.718	93	35402	17.914	ug/l	92
47) Bromodichloromethane	9.894	83	71563	18.339	ug/l	96
48) Methyl methacrylate	9.688	41	59209	18.047	ug/l #	78
49) 1,4-Dioxane	9.700	88	21210	379.544	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	392460	91.394	ug/l #	84
52) Toluene	10.635	92	123865	18.643	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	76215	18.213	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	80275	17.613	ug/l #	77
55) 1,1,2-Trichloroethane	11.024	97	49990	18.765	ug/l	98
56) Ethyl methacrylate	10.882	69	72103	17.460	ug/l #	68
57) 1,3-Dichloropropane	11.171	76	88986	18.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	164250	82.859	ug/l	90
59) 2-Hexanone	11.200	43	287976	92.589	ug/l	82
60) Dibromochloromethane	11.371	129	52788	18.830	ug/l	99
61) 1,2-Dibromoethane	11.471	107	51013	18.844	ug/l	98
64) Tetrachloroethene	11.112	164	38869	19.377	ug/l	87
65) Chlorobenzene	11.894	112	127686	18.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	50523	19.634	ug/l	98
67) Ethyl Benzene	11.971	91	215267	17.385	ug/l	98
68) m/p-Xylenes	12.077	106	169582	36.631	ug/l	100
69) o-Xylene	12.400	106	82333	18.282	ug/l	99
70) Styrene	12.418	104	134492	17.910	ug/l	100
71) Bromoform	12.582	173	36626	19.579	ug/l #	95
73) Isopropylbenzene	12.700	105	195309	17.904	ug/l	99
74) N-amyl acetate	12.500	43	97219	17.656	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	75864	19.261	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	92538	29.356	ug/l	64
77) Bromobenzene	12.982	156	50606	19.300	ug/l	97
78) n-propylbenzene	13.041	91	225673	17.840	ug/l	99
79) 2-Chlorotoluene	13.129	91	140669	17.927	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	159090	18.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25253	20.465	ug/l	90
82) 4-Chlorotoluene	13.224	91	140037	18.239	ug/l	98
83) tert-Butylbenzene	13.441	119	132383	18.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	157708	18.424	ug/l	96
85) sec-Butylbenzene	13.623	105	177215	17.729	ug/l	100
86) p-Isopropyltoluene	13.735	119	142934	17.898	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	83356	18.475	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	82283	18.220	ug/l	98
89) n-Butylbenzene	14.059	91	109869	16.717	ug/l	97
90) Hexachloroethane	14.335	117	28396	17.738	ug/l	78
91) 1,2-Dichlorobenzene	14.112	146	83836	18.684	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	13840	18.518	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	28687	18.035	ug/l	97
94) Hexachlorobutadiene	15.506	225	17062	18.584	ug/l	96
95) Naphthalene	15.647	128	83508	15.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	31056	17.826	ug/l	98

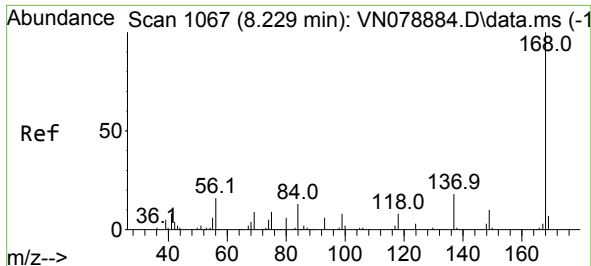
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Response via : Initial Calibration

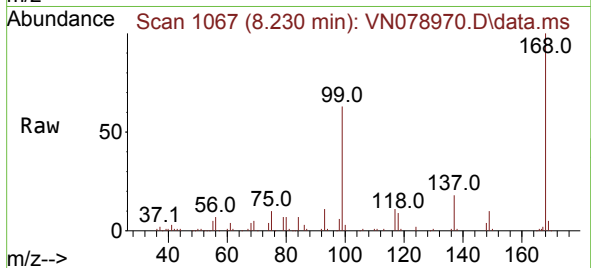
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

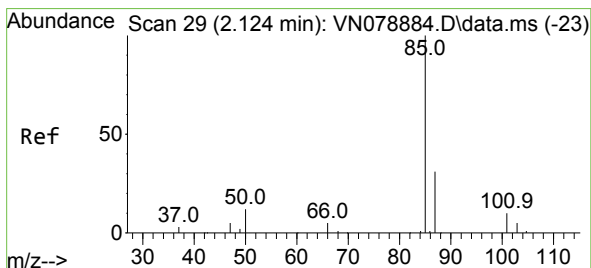
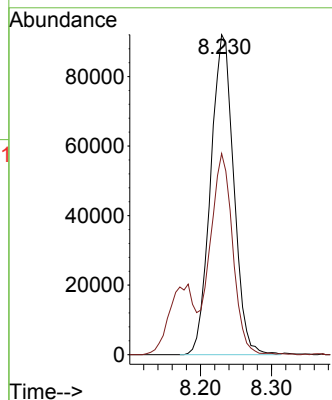
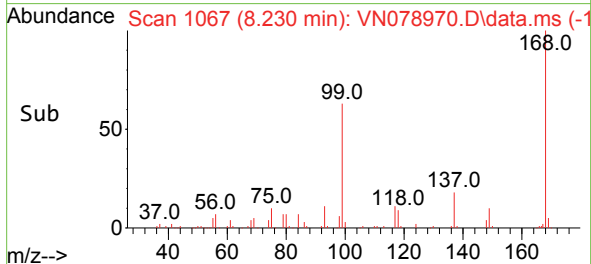


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078970.D
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MSVOA_N
ClientSampleId :

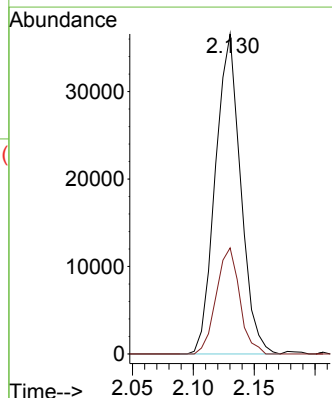
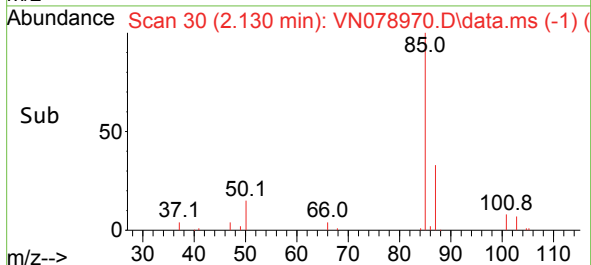
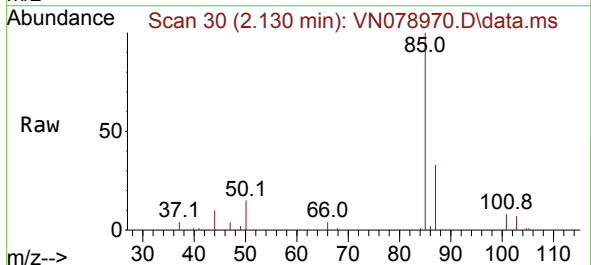


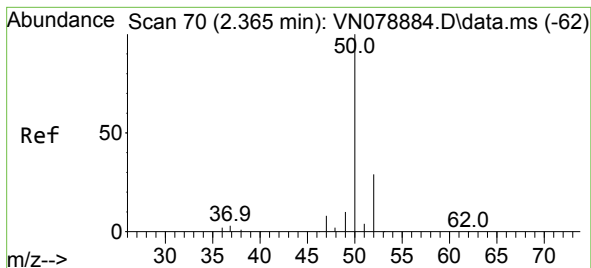
Tgt Ion:168 Resp: 208050
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.281 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 85 Resp: 52773
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3

Chloromethane

Concen: 14.354 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

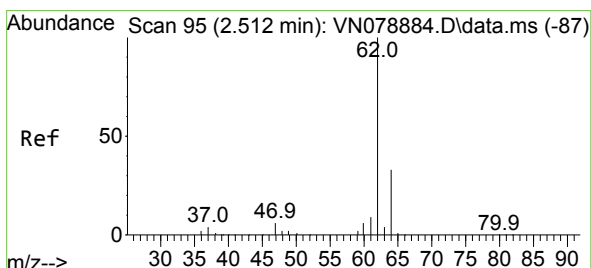
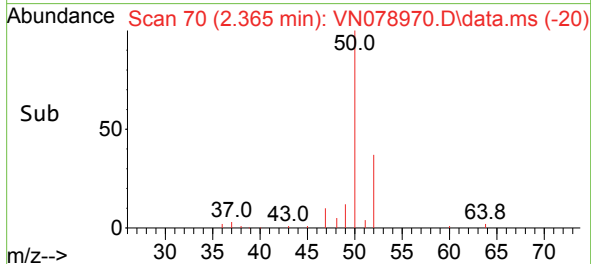
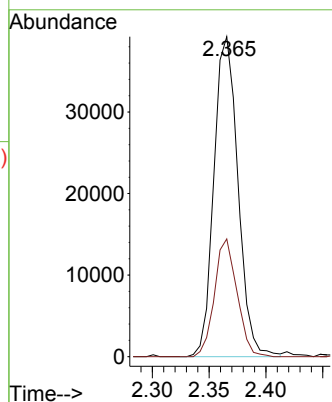
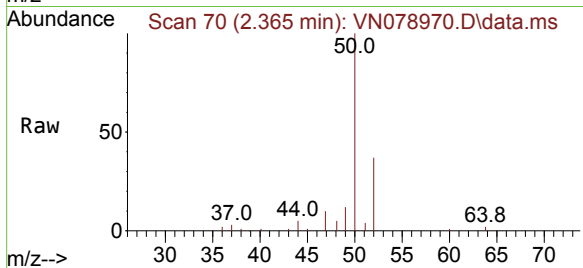
ClientSampleId :

Tgt Ion: 50 Resp: 57856

Ion Ratio Lower Upper

50 100

52 36.8 26.5 39.7



#4

Vinyl Chloride

Concen: 17.082 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078970.D

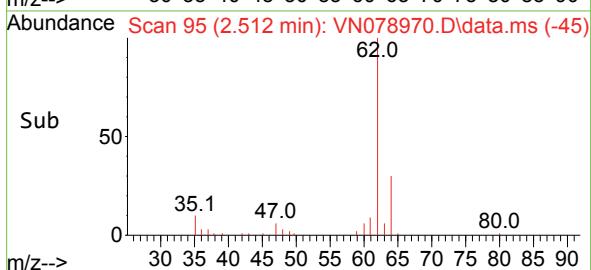
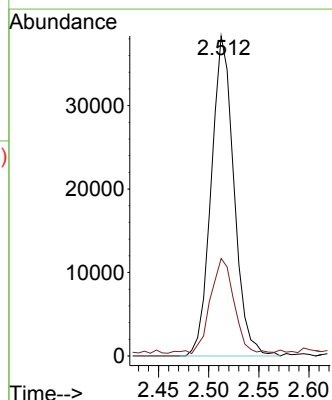
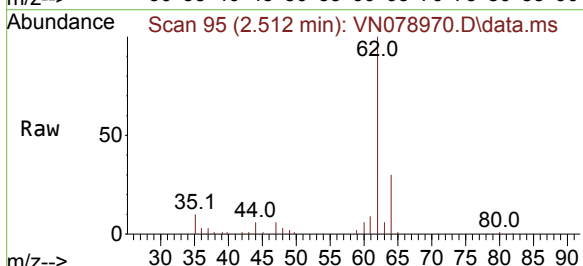
Acq: 21 Aug 2023 13:19

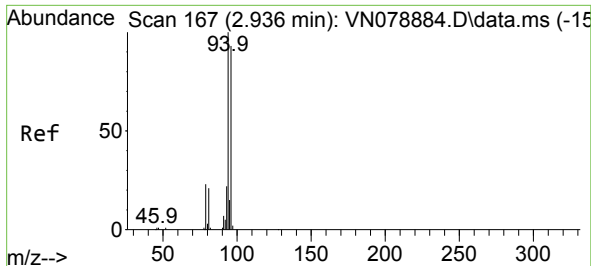
Tgt Ion: 62 Resp: 60382

Ion Ratio Lower Upper

62 100

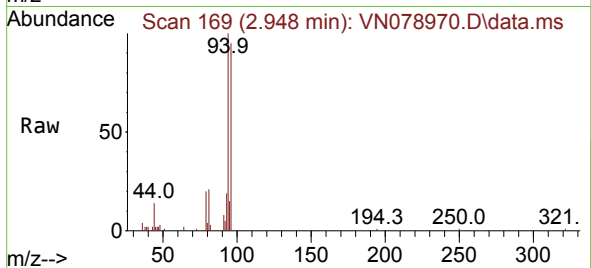
64 29.1 26.2 39.2



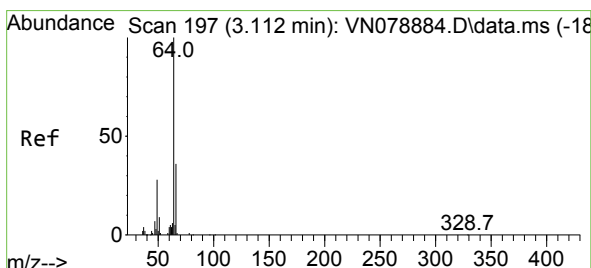
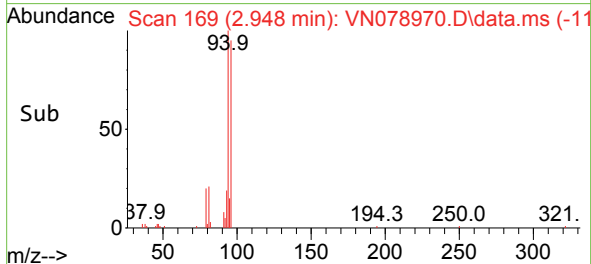
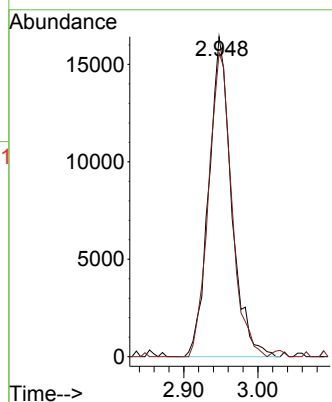


#5
Bromomethane
Concen: 17.225 ug/l
RT: 2.948 min Scan# 167
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Instrument :
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ClientSampleId :

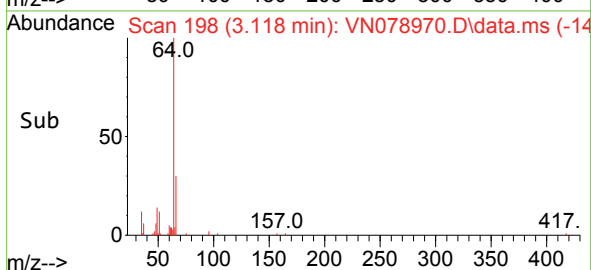
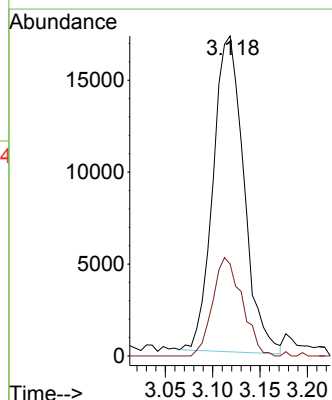
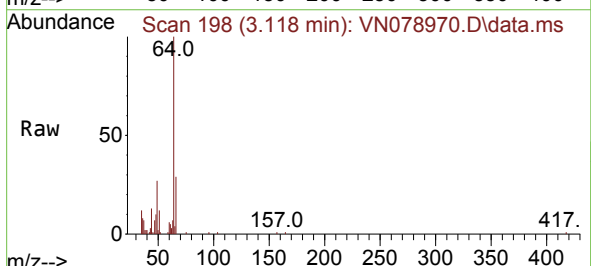


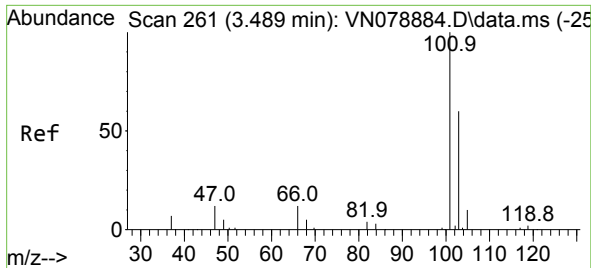
Tgt Ion: 94 Resp: 34958
Ion Ratio Lower Upper
94 100
96 95.0 73.1 109.7



#6
Chloroethane
Concen: 15.705 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 64 Resp: 38807
Ion Ratio Lower Upper
64 100
66 29.3 25.4 38.2

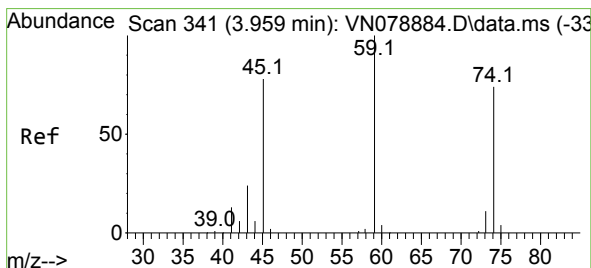
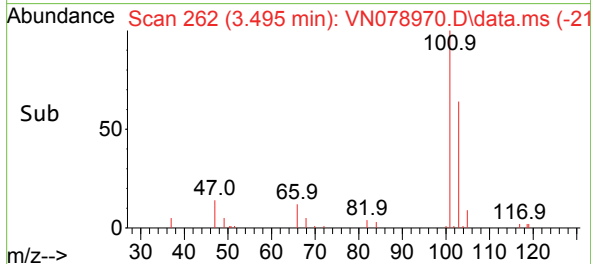
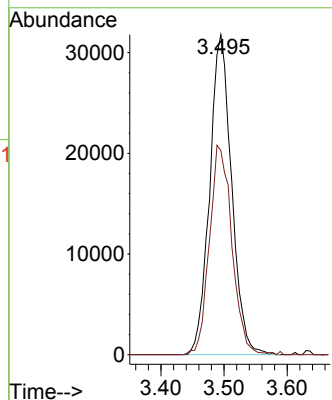
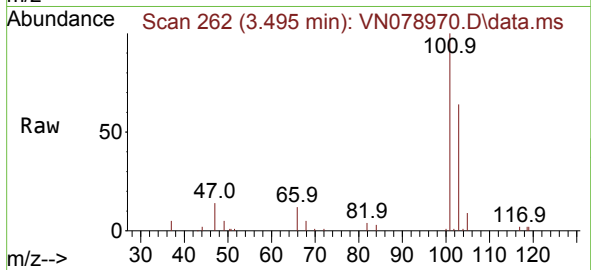




#7
Trichlorofluoromethane
Concen: 17.815 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

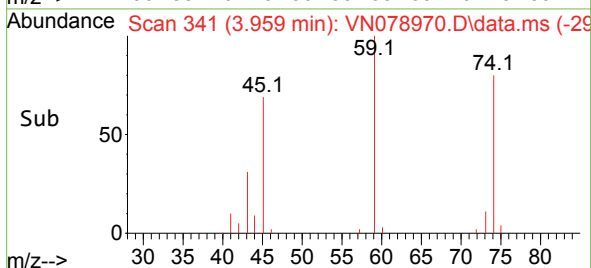
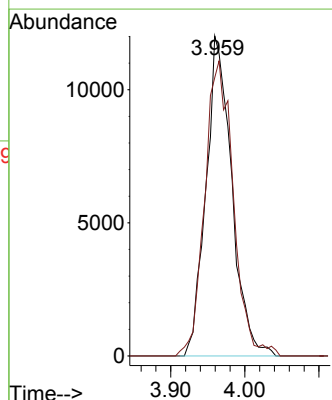
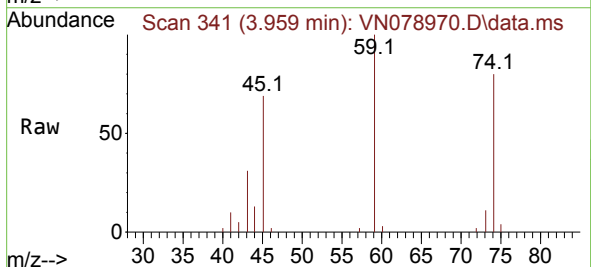
Instrument :
MSVOA_N
ClientSampleId :

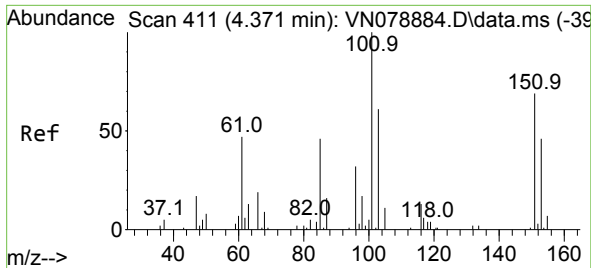
Tgt Ion:101 Resp: 76700
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1



#8
Diethyl Ether
Concen: 17.810 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 74 Resp: 29068
Ion Ratio Lower Upper
74 100
45 101.8 34.4 103.3

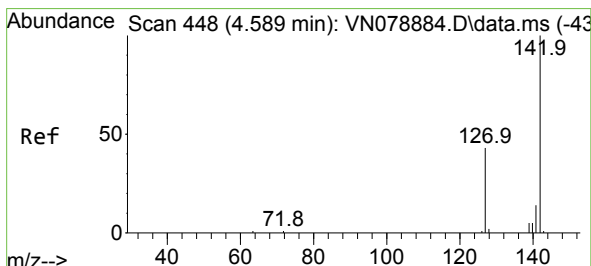
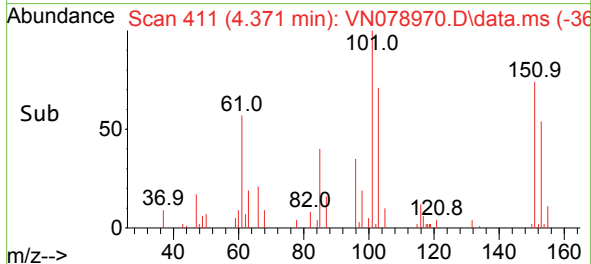
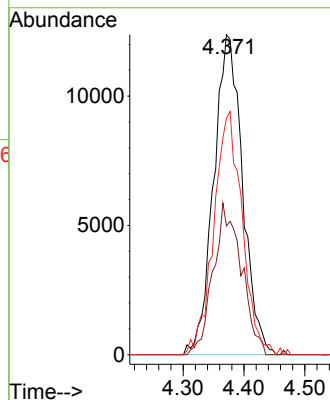
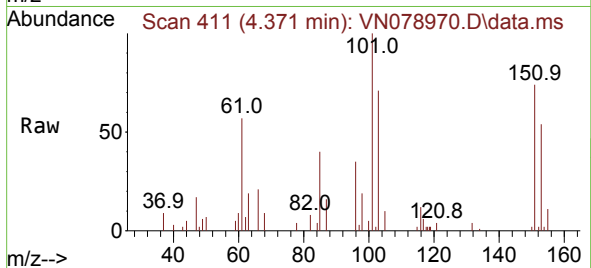




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.716 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

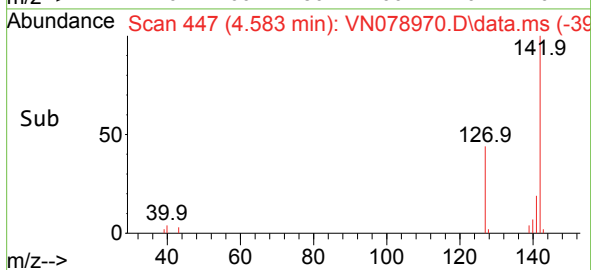
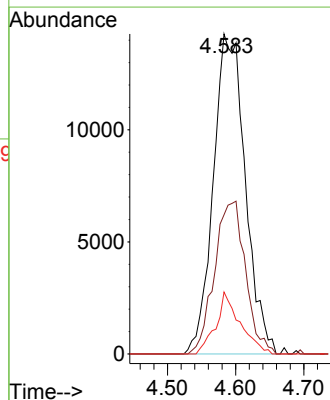
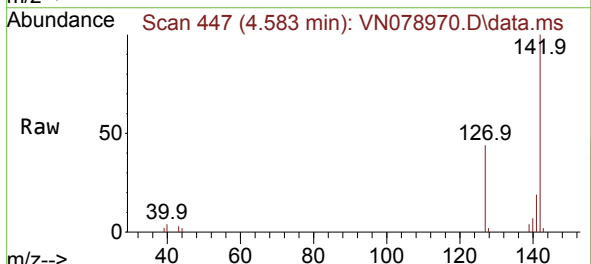
Instrument :
MSVOA_N
ClientSampleId :

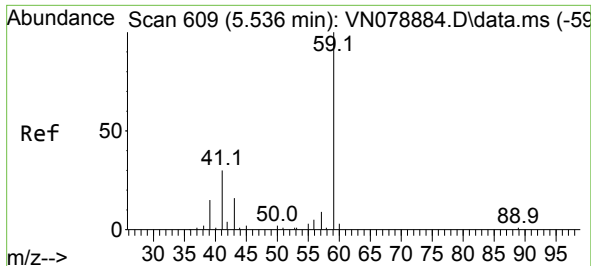
Tgt Ion:101 Resp: 40621
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 74.7 57.6 86.4



#10
Methyl Iodide
Concen: 18.128 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

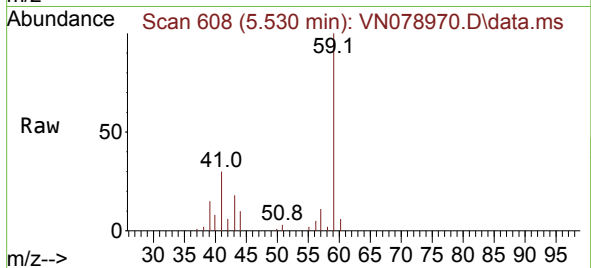
Tgt Ion:142 Resp: 46506
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 19.4 11.4 17.0#



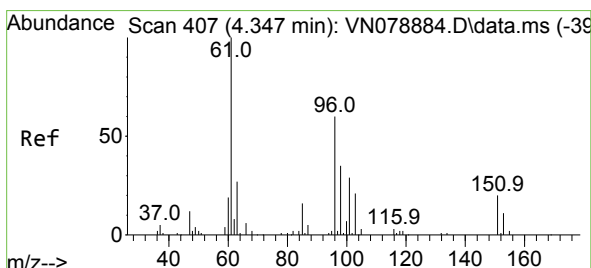
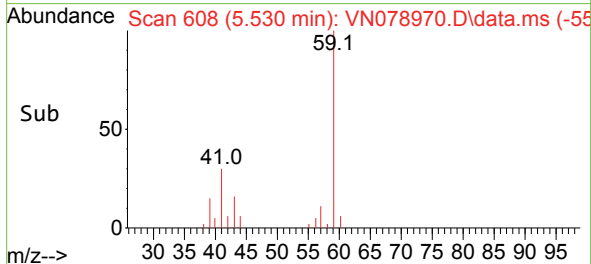
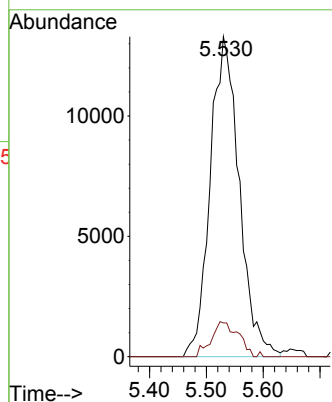


#11
Tert butyl alcohol
Concen: 86.567 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :

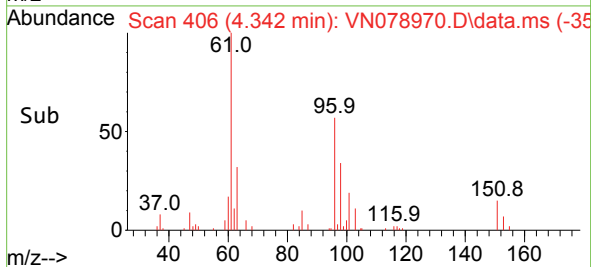
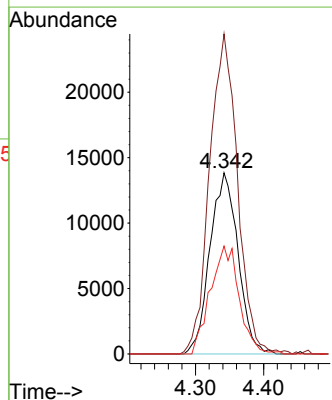
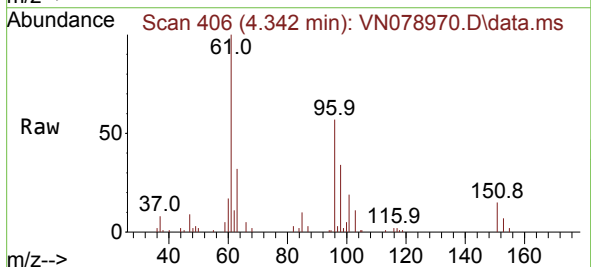


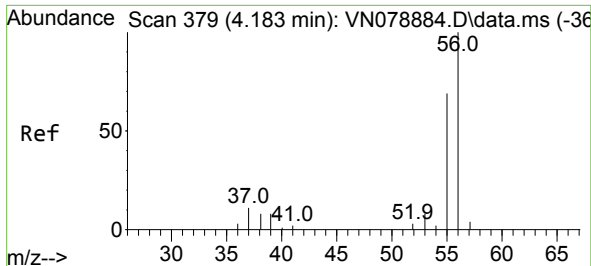
Tgt Ion: 59 Resp: 47027
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.763 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 96 Resp: 39674
Ion Ratio Lower Upper
96 100
61 176.6 112.7 169.1#
98 59.5 51.2 76.8





#13

Acrolein

Concen: 86.766 ug/l

RT: 4.189 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

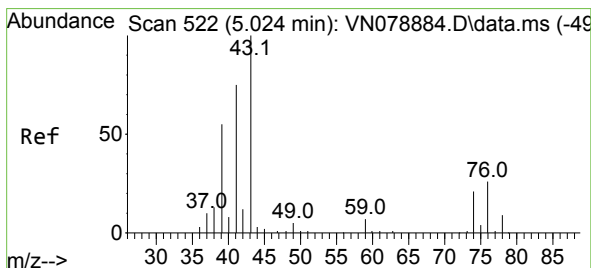
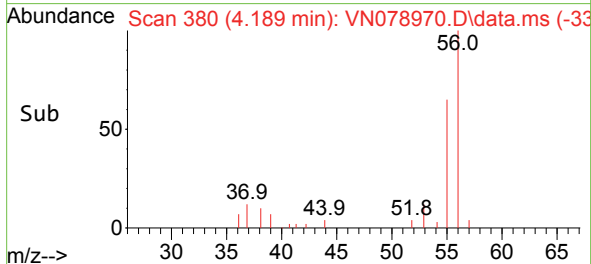
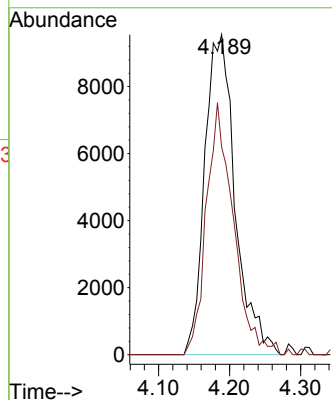
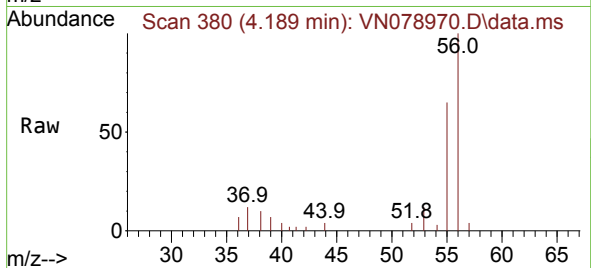
ClientSampleId :

Tgt Ion: 56 Resp: 28419

Ion Ratio Lower Upper

56 100

55 69.8 54.5 81.7



#14

Allyl chloride

Concen: 14.780 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

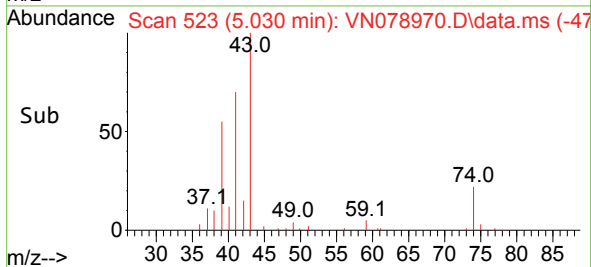
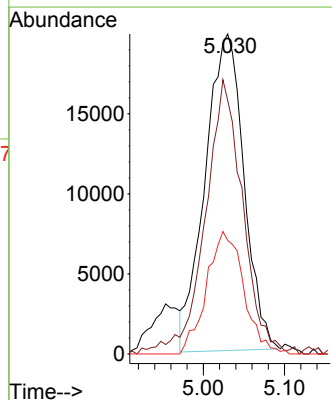
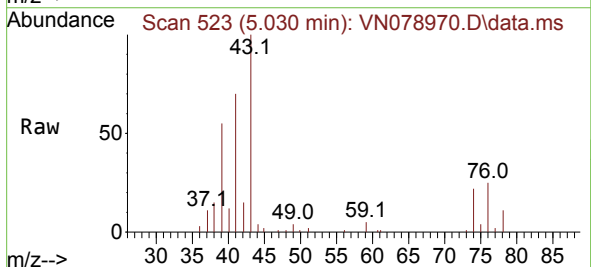
Tgt Ion: 41 Resp: 65703

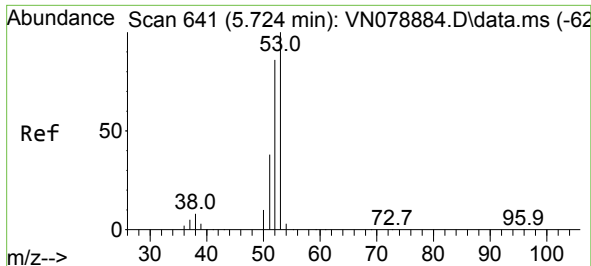
Ion Ratio Lower Upper

41 100

39 83.5 58.8 88.2

76 37.1 39.1 58.7#

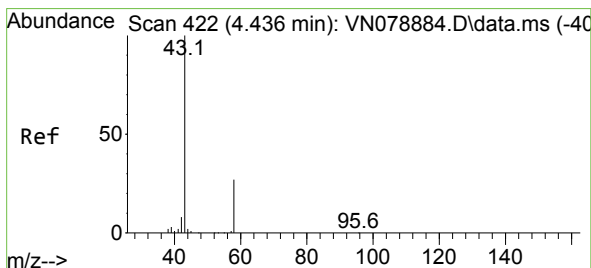
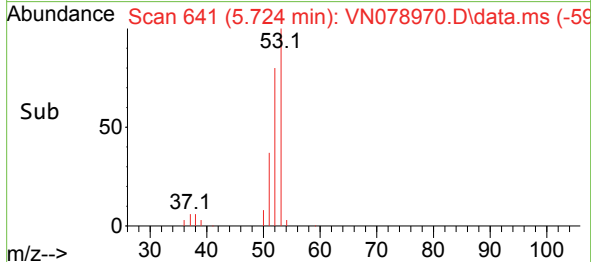
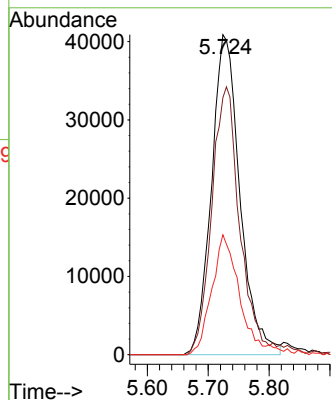
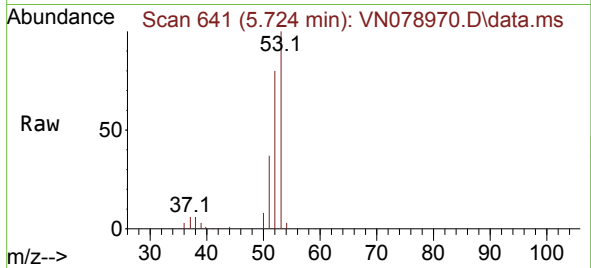




#15
Acrylonitrile
Concen: 90.190 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

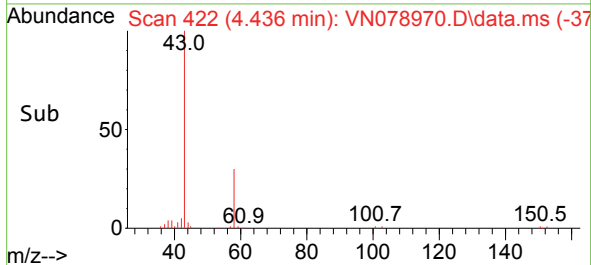
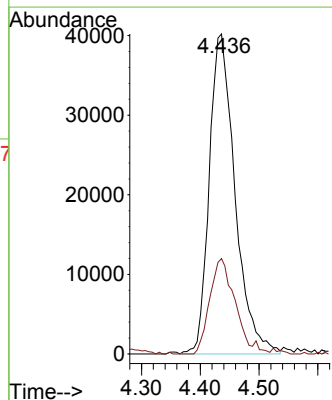
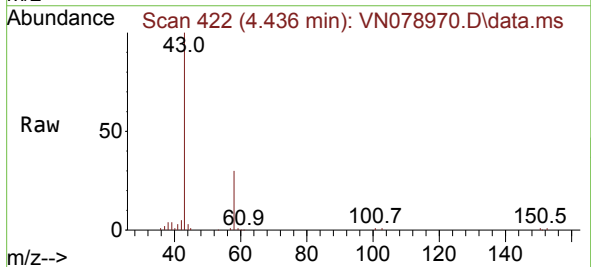
Instrument :
MSVOA_N
ClientSampleId :

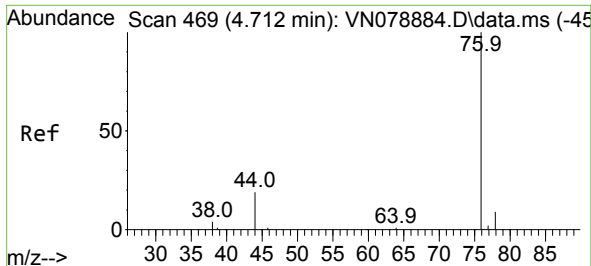
Tgt Ion: 53 Resp: 132732
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 91.608 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

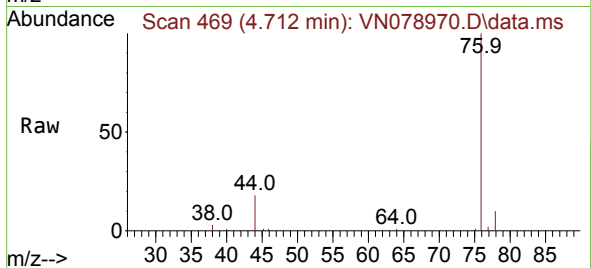
Tgt Ion: 43 Resp: 122372
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0



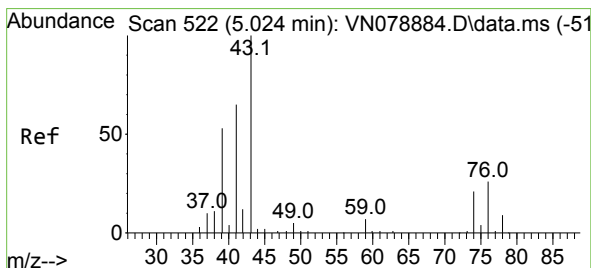
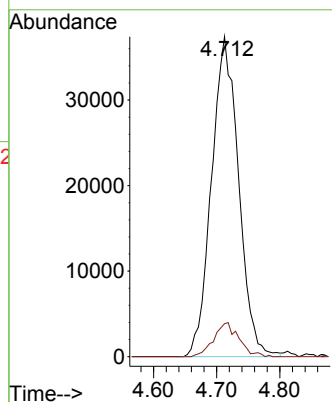
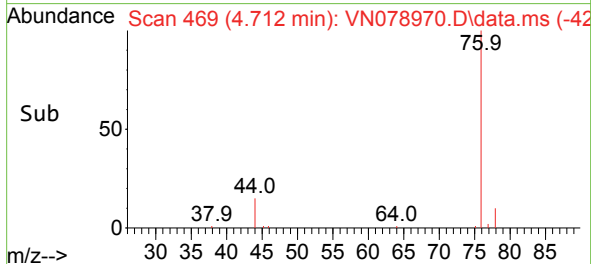


#17
Carbon Disulfide
Concen: 17.817 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

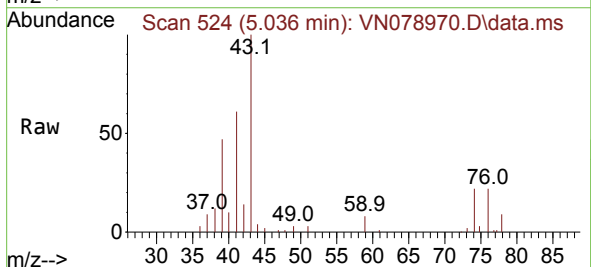
Instrument :
MSVOA_N
ClientSampleId :



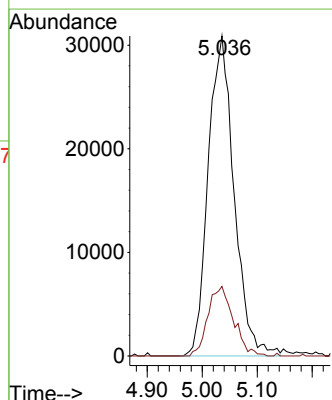
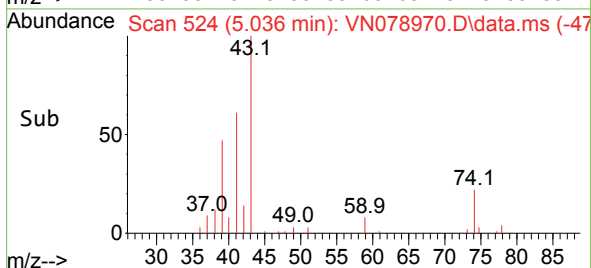
Tgt Ion: 76 Resp: 111397
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

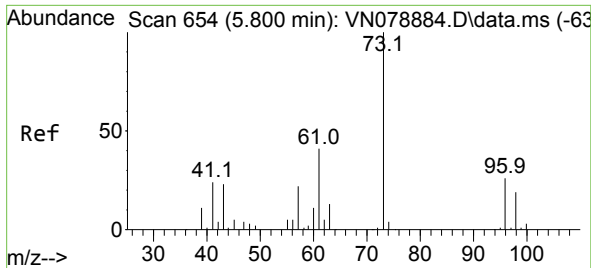


#18
Methyl Acetate
Concen: 17.930 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19



Tgt Ion: 43 Resp: 101182
Ion Ratio Lower Upper
43 100
74 21.4 26.2 39.4#

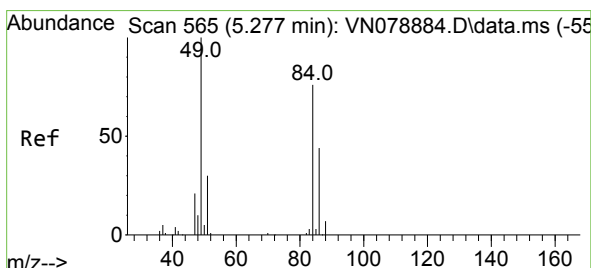
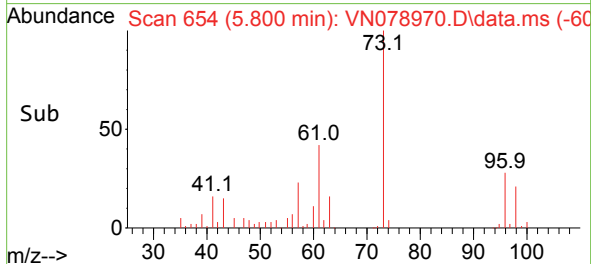
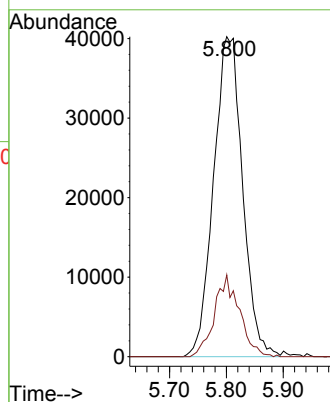
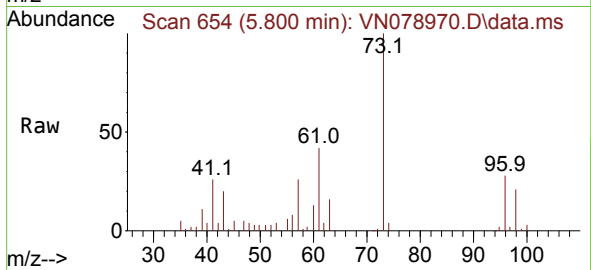




#19
Methyl tert-butyl Ether
Concen: 17.709 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

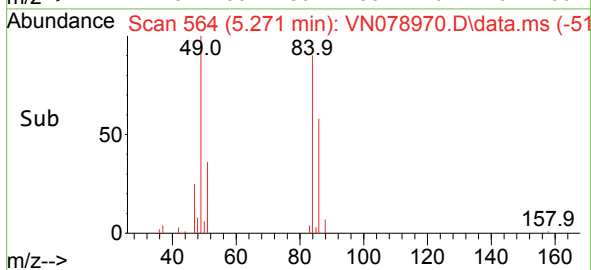
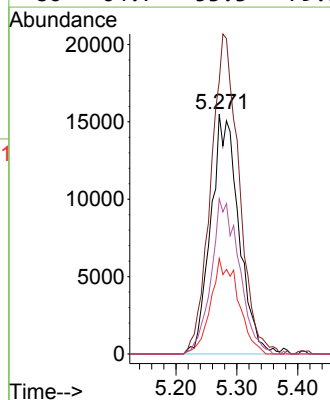
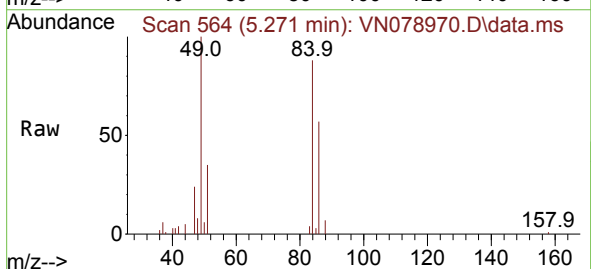
Instrument :
MSVOA_N
ClientSampleId :

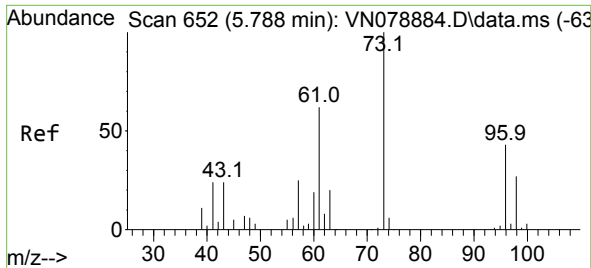
Tgt Ion: 73 Resp: 142484
Ion Ratio Lower Upper
73 100
57 25.6 15.6 23.4#



#20
Methylene Chloride
Concen: 17.388 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

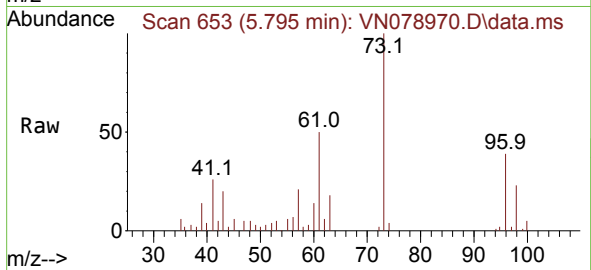
Tgt Ion: 84 Resp: 49499
Ion Ratio Lower Upper
84 100
49 113.6 79.7 119.5
51 39.7 25.2 37.8#
86 64.7 53.3 79.9



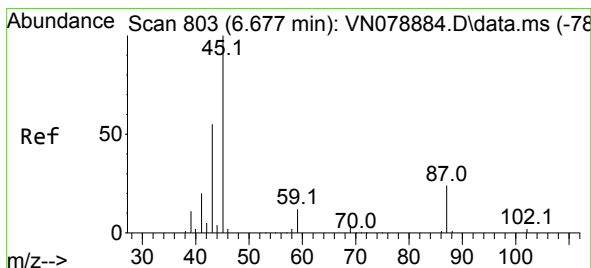
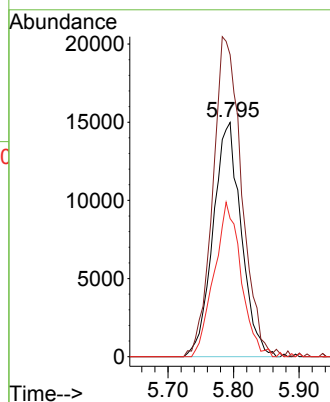
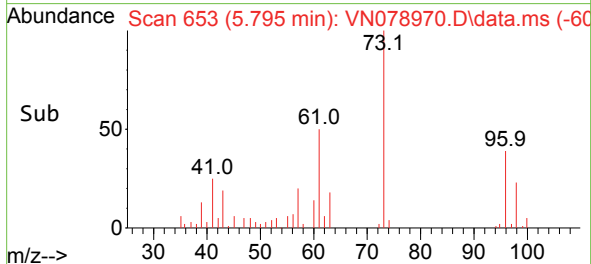


#21
trans-1,2-Dichloroethene
Concen: 17.803 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :

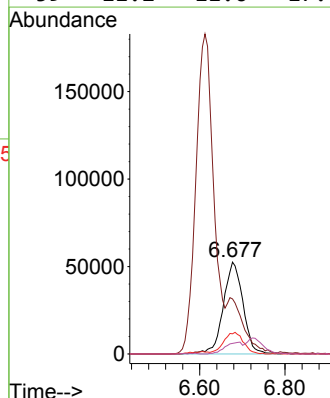
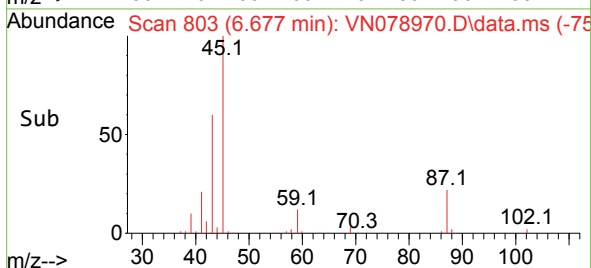
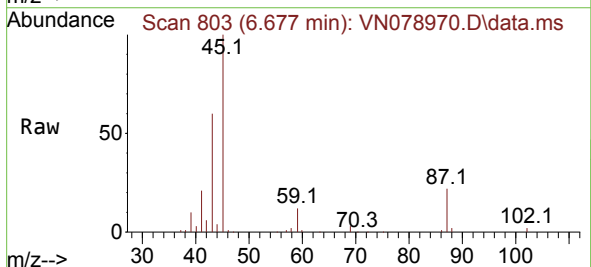


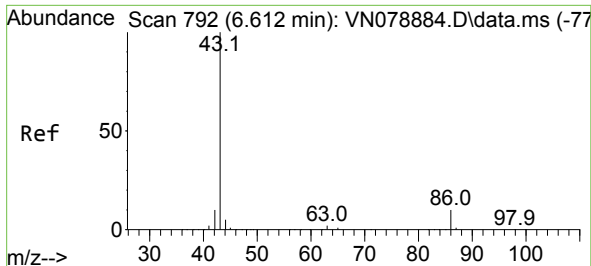
Tgt Ion: 96 Resp: 44591
Ion Ratio Lower Upper
96 100
61 128.9 90.1 135.1
98 59.0 46.4 69.6



#22
Diisopropyl ether
Concen: 17.959 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 45 Resp: 168894
Ion Ratio Lower Upper
45 100
43 57.5 45.5 68.3
87 22.0 31.8 47.8#
59 11.2 11.6 17.4#

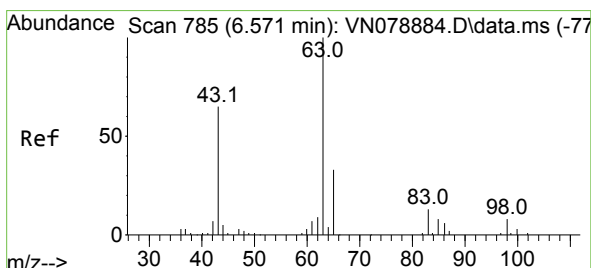
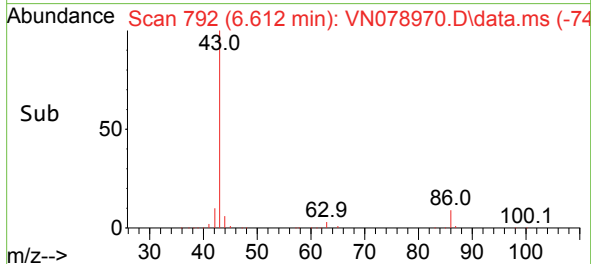
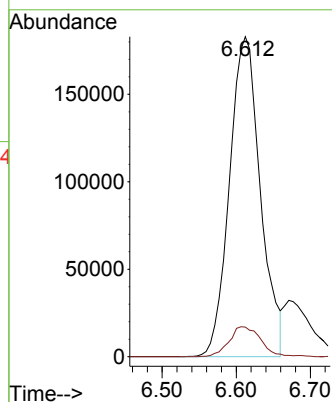
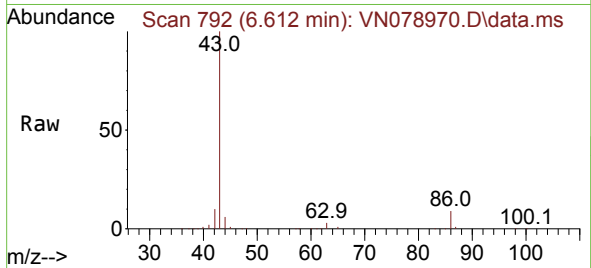




#23
 Vinyl Acetate
 Concen: 85.667 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

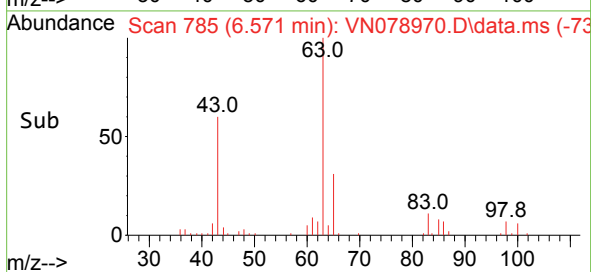
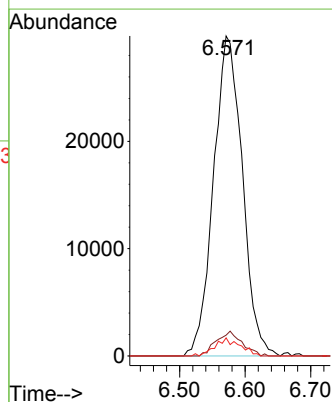
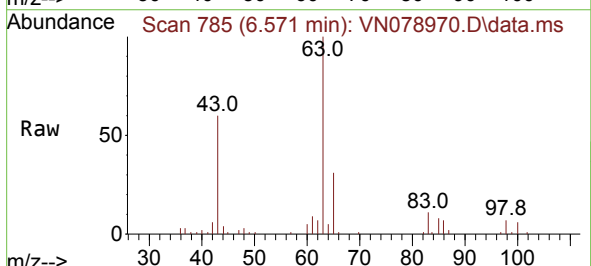
Instrument :
 MSVOA_N
 ClientSampleId :

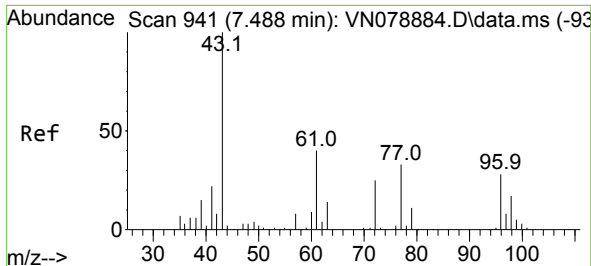
Tgt Ion: 43 Resp: 530474
 Ion Ratio Lower Upper
 43 100
 86 9.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 17.700 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

Tgt Ion: 63 Resp: 90939
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 5.6 2.5 7.4

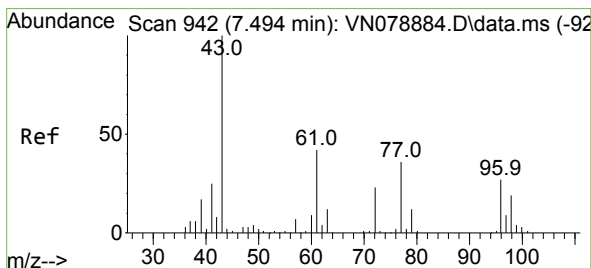
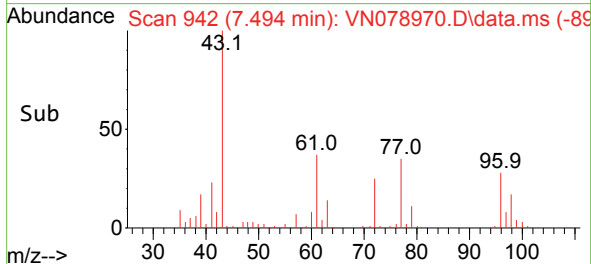
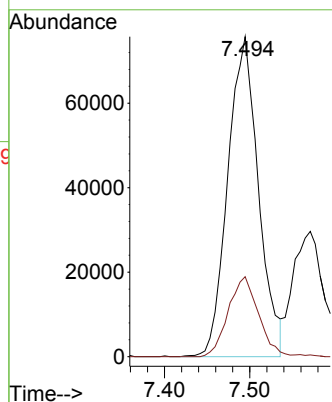
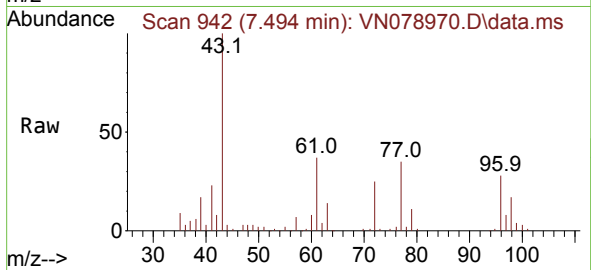




#25
2-Butanone
Concen: 88.410 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

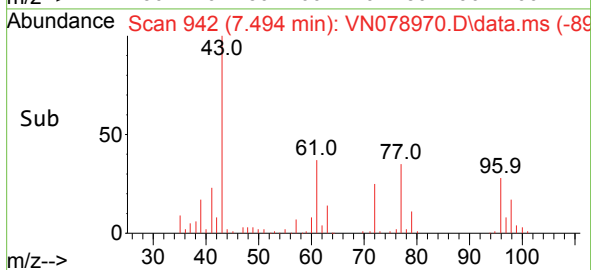
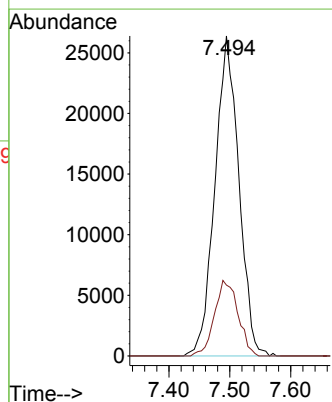
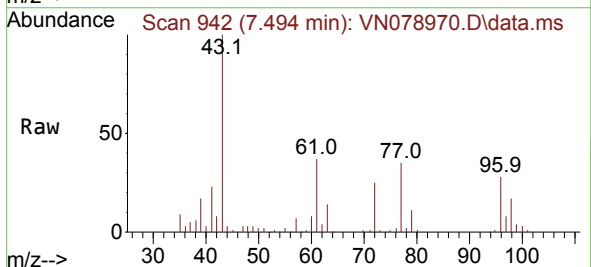
Instrument :
MSVOA_N
ClientSampleId :

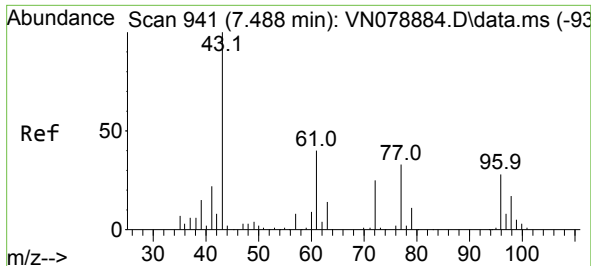
Tgt Ion: 43 Resp: 189346
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.346 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

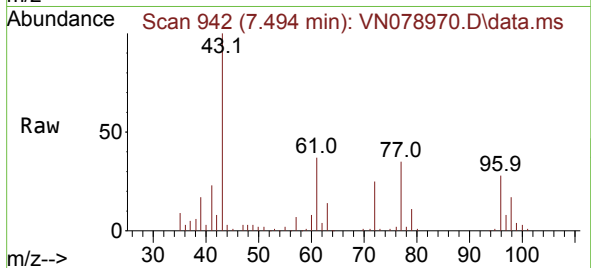
Tgt Ion: 77 Resp: 72036
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6



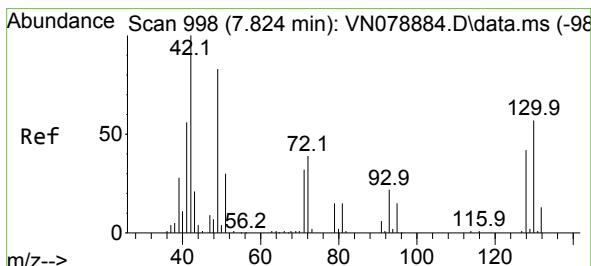
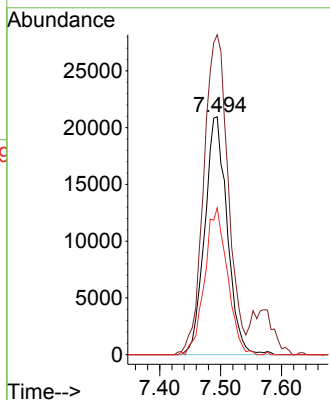
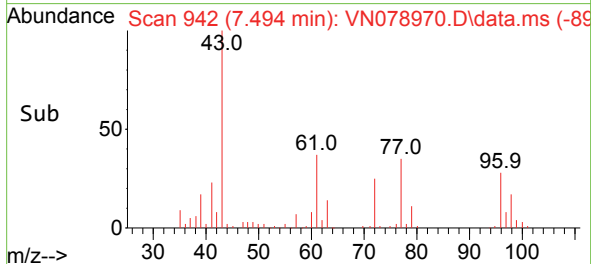


#27
 cis-1,2-Dichloroethene
 Concen: 17.652 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

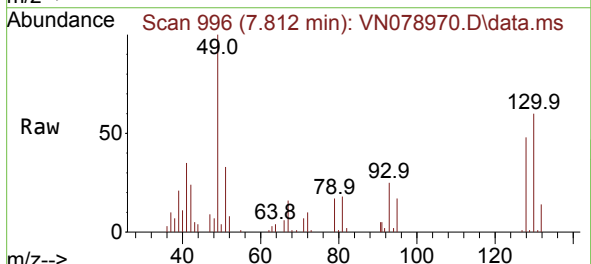
Instrument :
 MSVOA_N
 ClientSampleId :



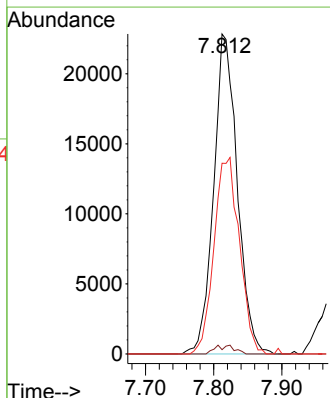
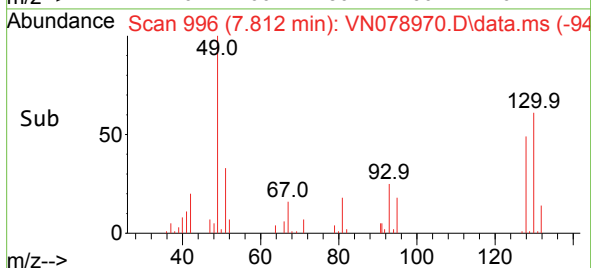
Tgt Ion: 96 Resp: 53737
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 255.2
 98 62.3 0.0 128.8

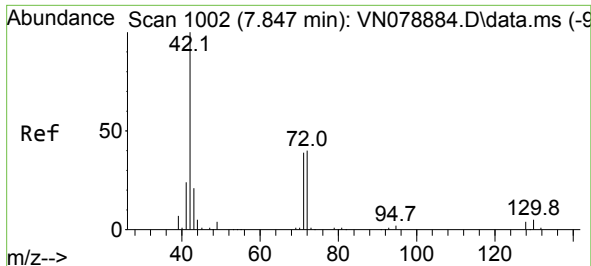


#28
 Bromochloromethane
 Concen: 20.254 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19



Tgt Ion: 49 Resp: 55200
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 66.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 87.001 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

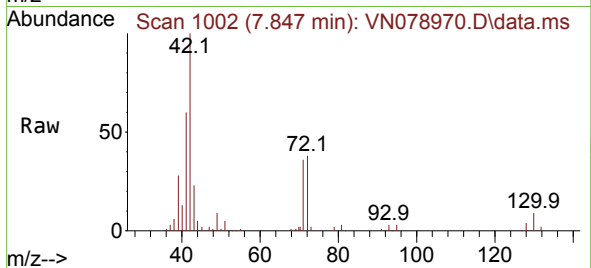
Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :



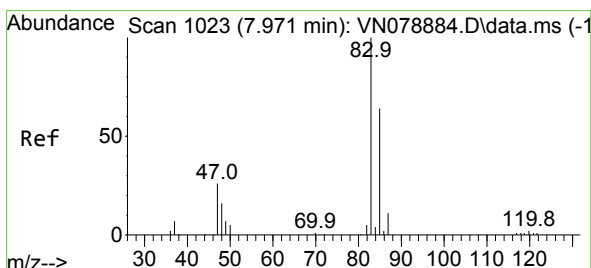
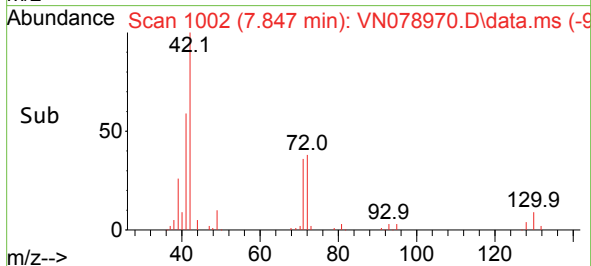
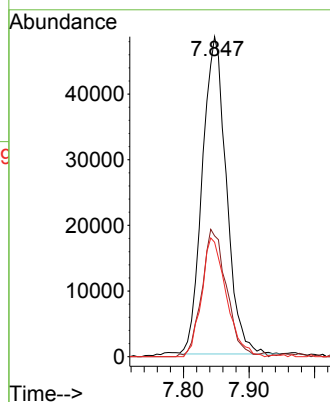
Tgt Ion: 42 Resp: 123329

Ion Ratio Lower Upper

42 100

72 41.0 49.8 74.6#

71 38.3 47.4 71.2#



#30

Chloroform

Concen: 17.742 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078970.D

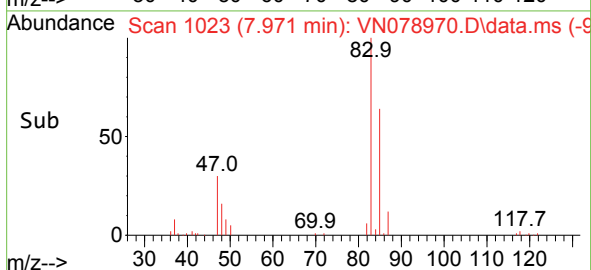
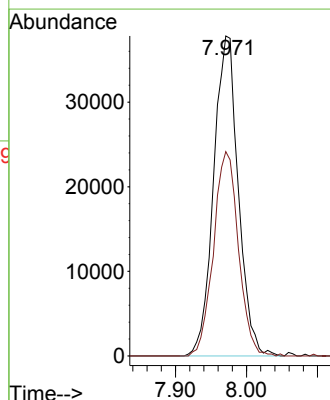
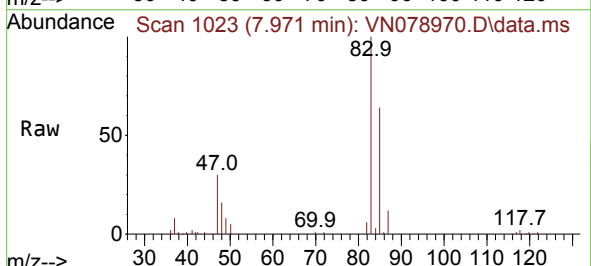
Acq: 21 Aug 2023 13:19

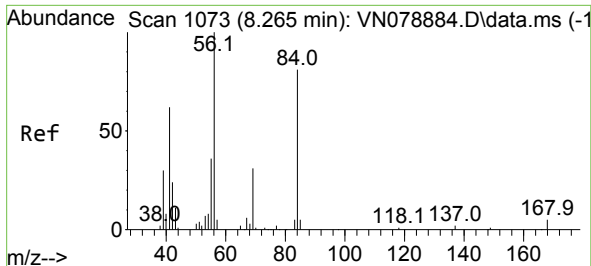
Tgt Ion: 83 Resp: 91063

Ion Ratio Lower Upper

83 100

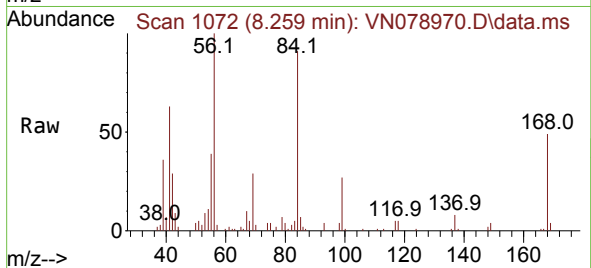
85 63.9 55.4 83.0



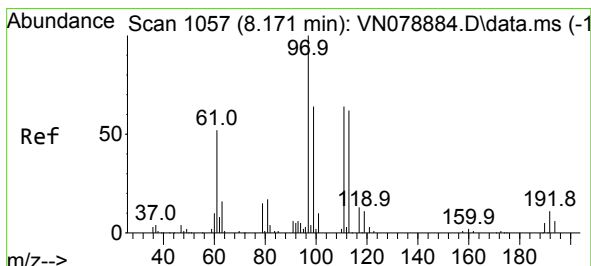
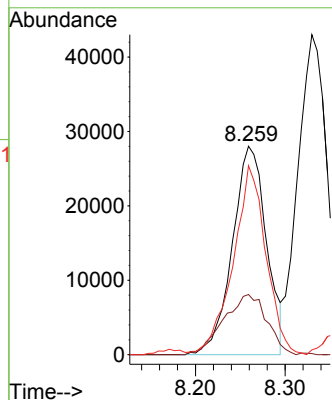
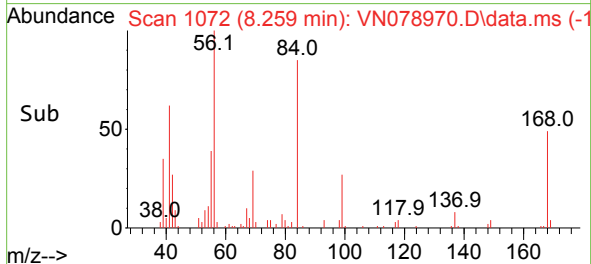


#31
Cyclohexane
Concen: 16.549 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :

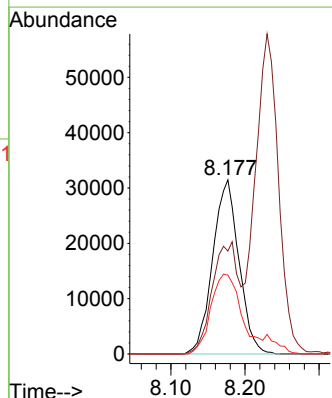
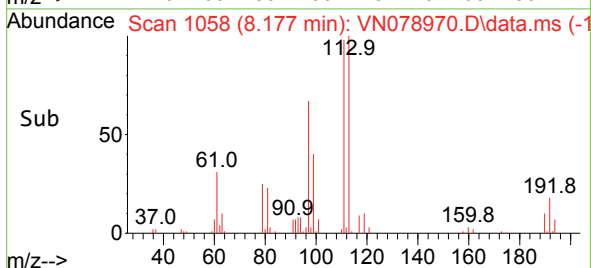
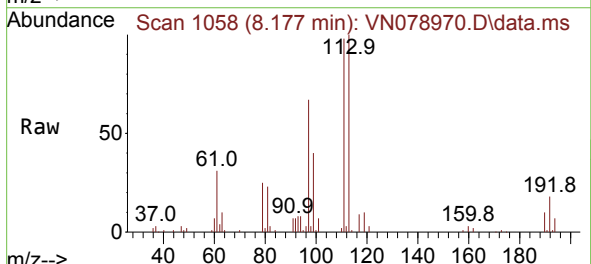


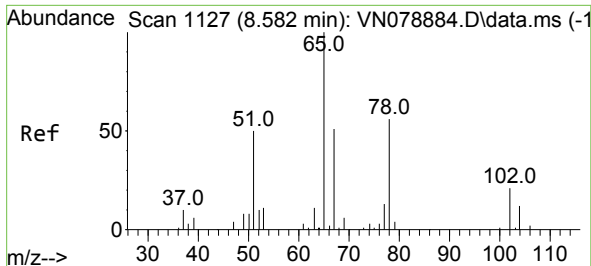
Tgt Ion: 56 Resp: 73951
Ion Ratio Lower Upper
56 100
69 28.8 26.8 40.2
84 88.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 17.658 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 97 Resp: 77280
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 53.9 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 44.354 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

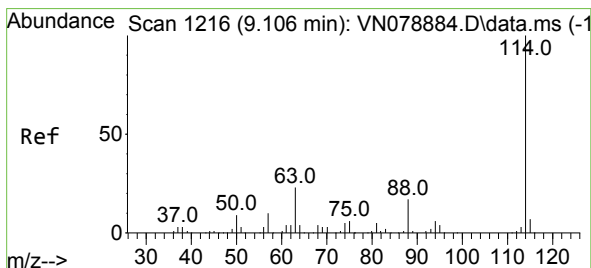
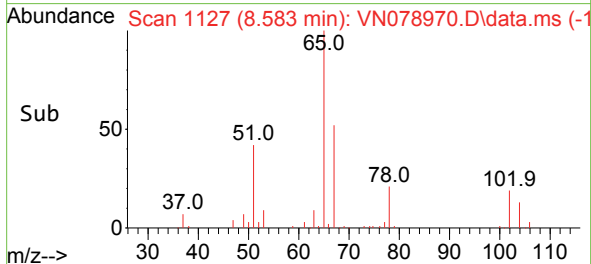
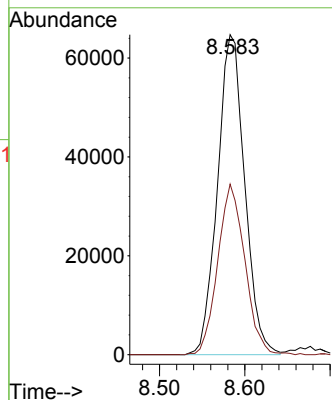
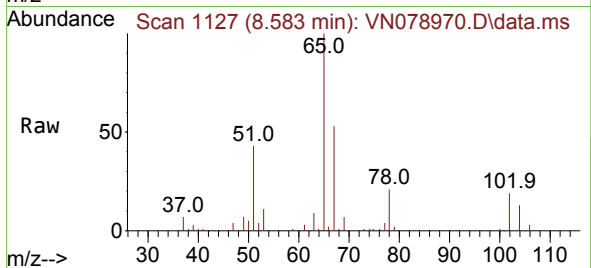
ClientSampleId :

Tgt Ion: 65 Resp: 143592

Ion Ratio Lower Upper

65 100

67 53.1 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: VN078970.D

Acq: 21 Aug 2023 13:19

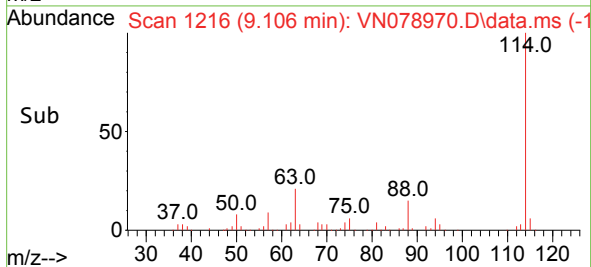
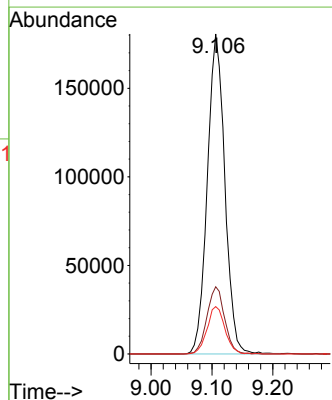
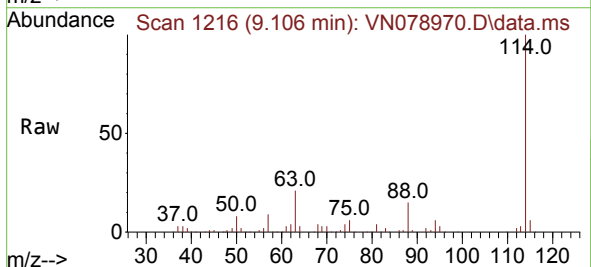
Tgt Ion: 114 Resp: 361562

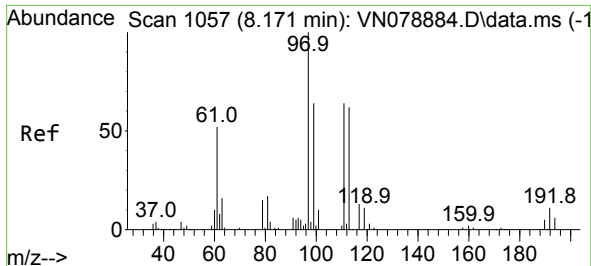
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

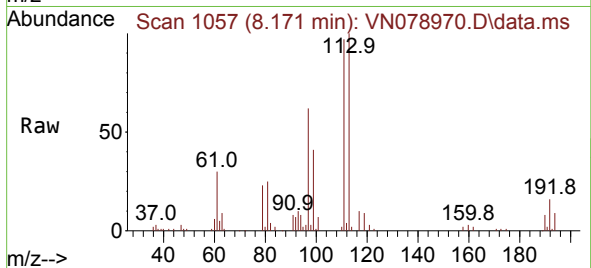
88 14.8 0.0 30.6



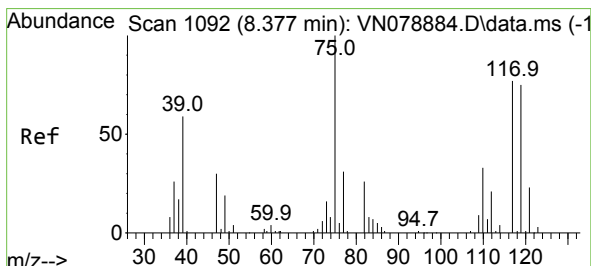
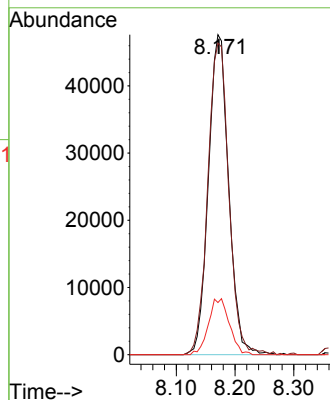
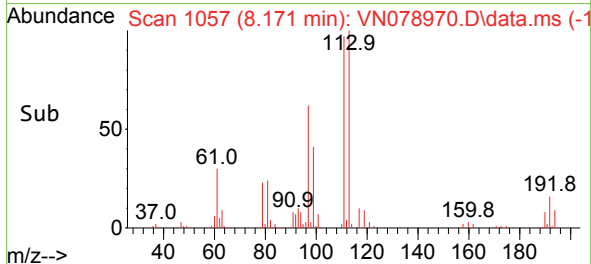


#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :

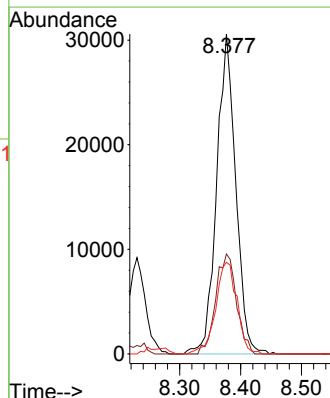
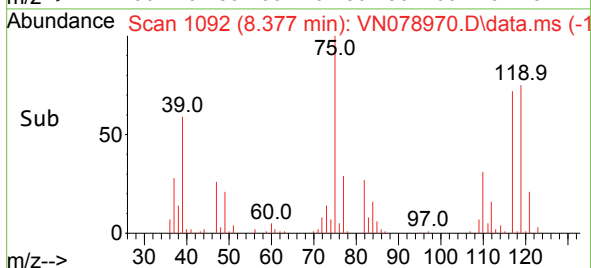
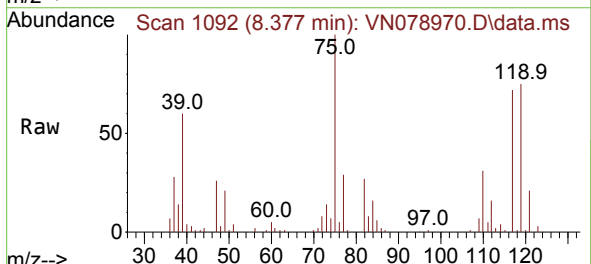


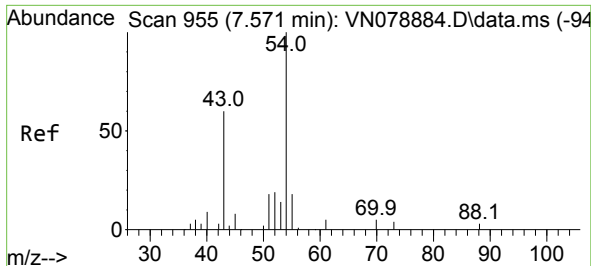
Tgt Ion:113 Resp: 113936
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.166 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 75 Resp: 66507
Ion Ratio Lower Upper
75 100
110 34.0 19.1 57.3
77 32.0 25.0 37.4





#37

Ethyl Acetate

Concen: 18.734 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078970.D

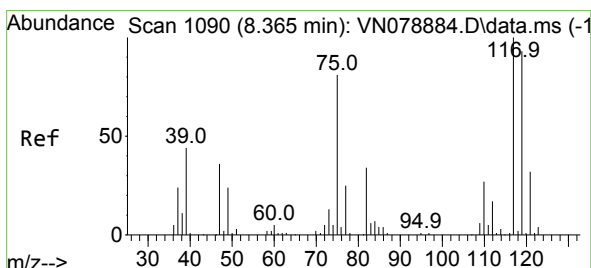
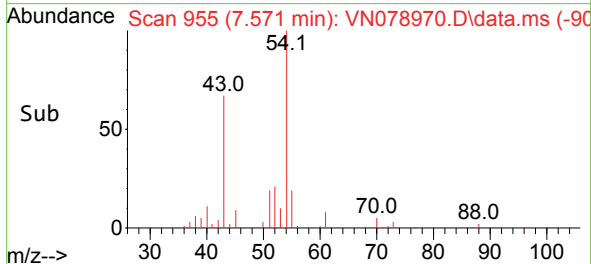
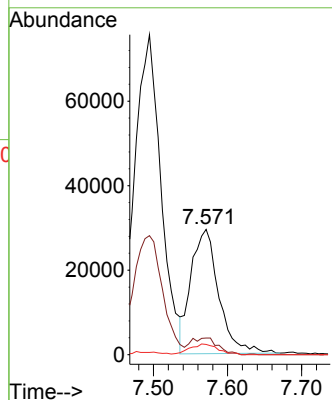
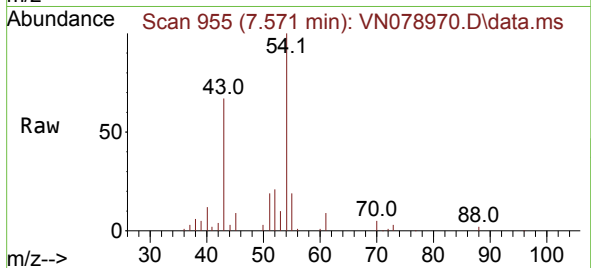
Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 76739
Ion Ratio	Lower Upper
43	100
61	13.2 13.2 19.8#
70	8.7 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 18.611 ug/l

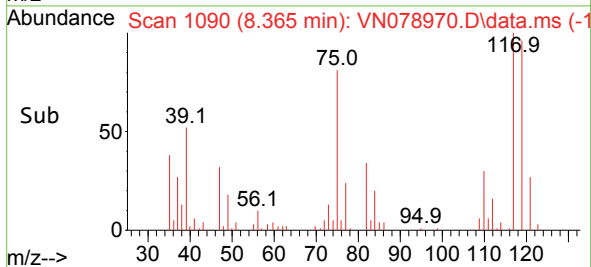
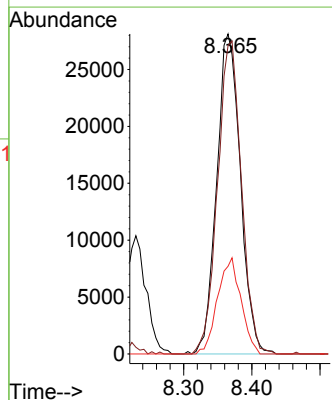
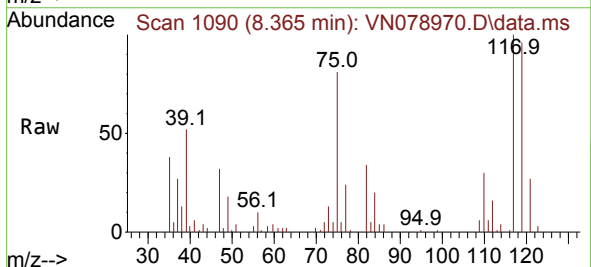
RT: 8.365 min Scan# 1090

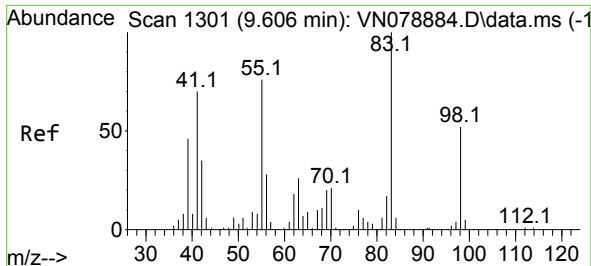
Delta R.T. -0.006 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Tgt Ion: 117	Resp: 68271
Ion Ratio	Lower Upper
117	100
119	96.4 77.3 115.9
121	27.4 23.3 34.9





#39

Methylcyclohexane

Concen: 16.952 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

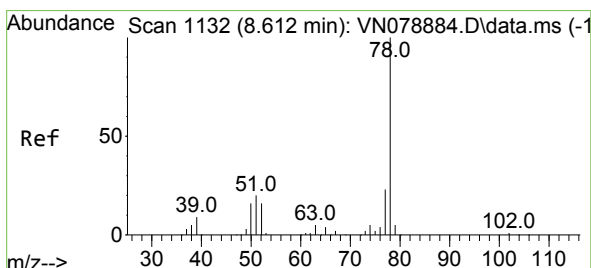
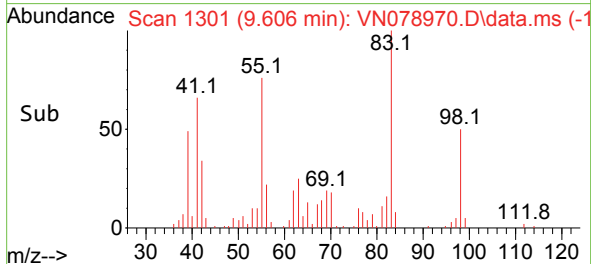
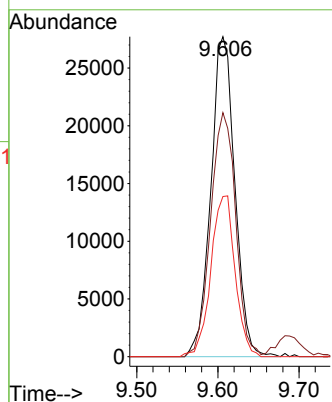
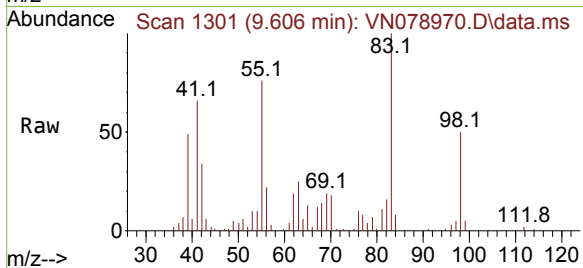
Tgt Ion: 83 Resp: 57081

Ion Ratio Lower Upper

83 100

55 76.2 49.1 73.7#

98 50.1 40.6 61.0



#40

Benzene

Concen: 18.607 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078970.D

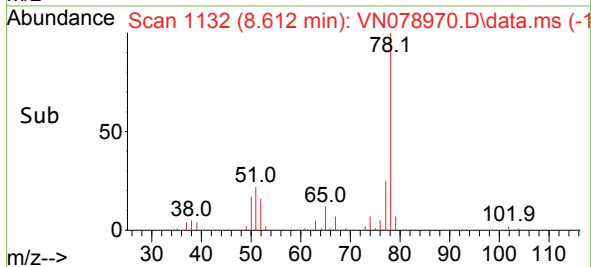
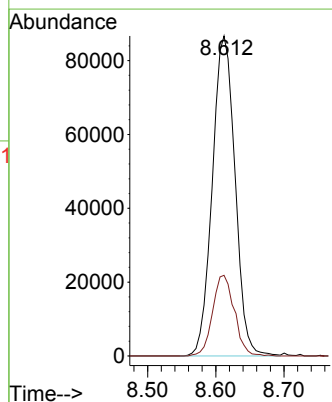
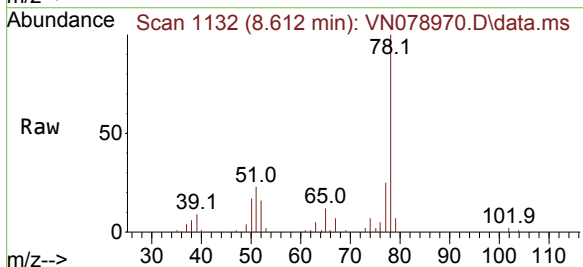
Acq: 21 Aug 2023 13:19

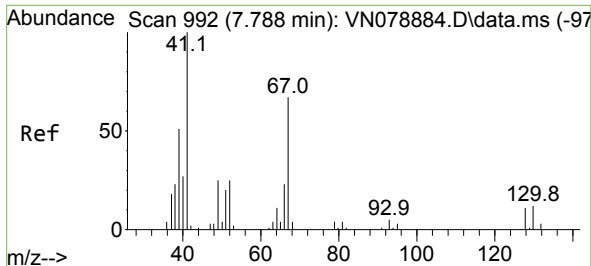
Tgt Ion: 78 Resp: 201351

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6

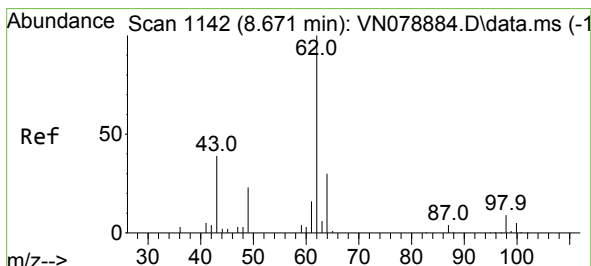
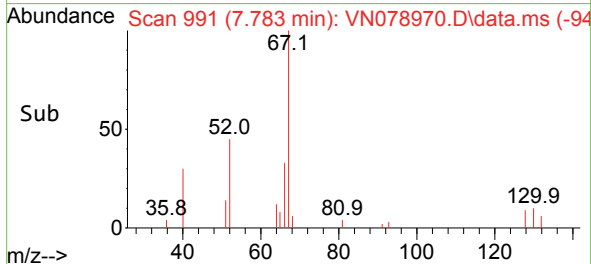
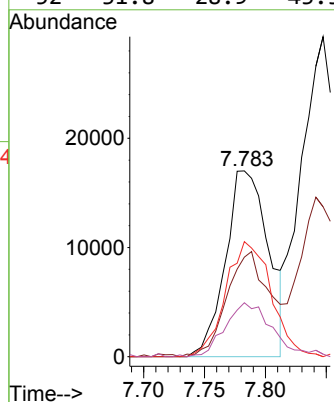
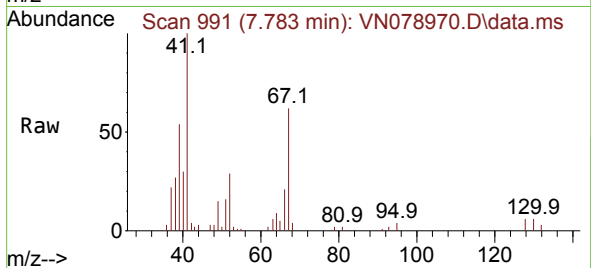




#41
Methacrylonitrile
Concen: 18.721 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

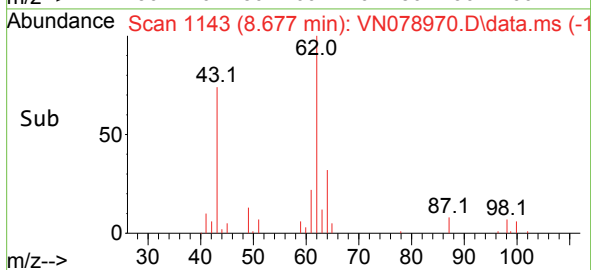
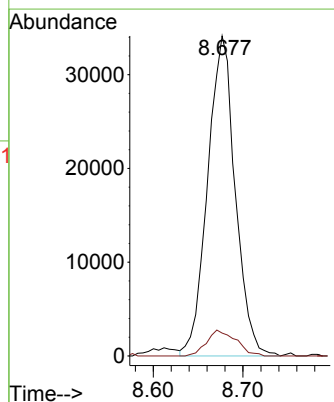
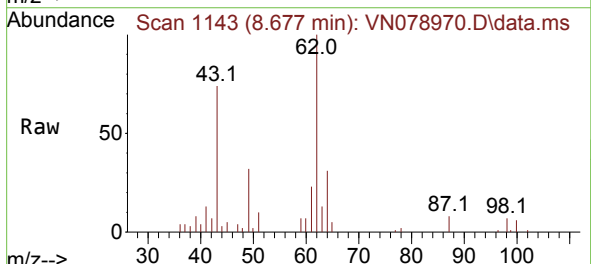
Instrument :
MSVOA_N
ClientSampleId :

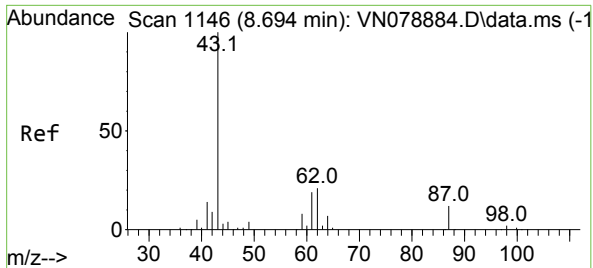
Tgt Ion: 41	Resp: 41765
Ion Ratio	Lower Upper
41 100	
39 55.5	42.6 64.0
67 65.5	77.5 116.3#
52 31.8	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.069 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 62	Resp: 73050
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 19.8

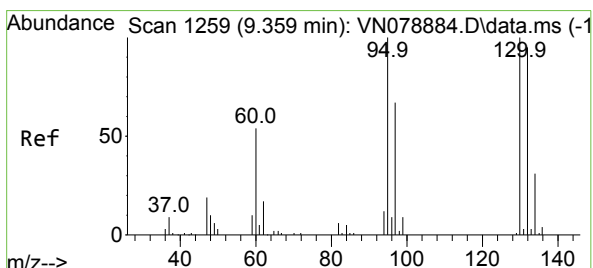
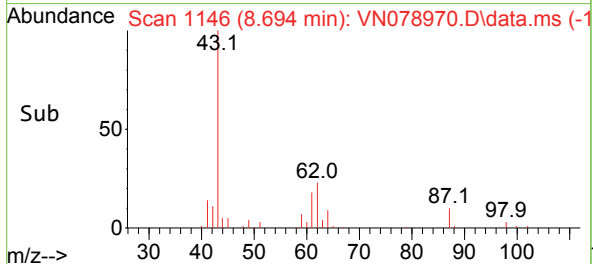
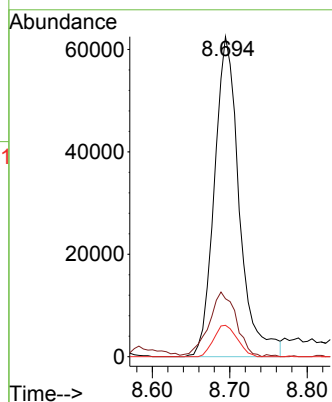
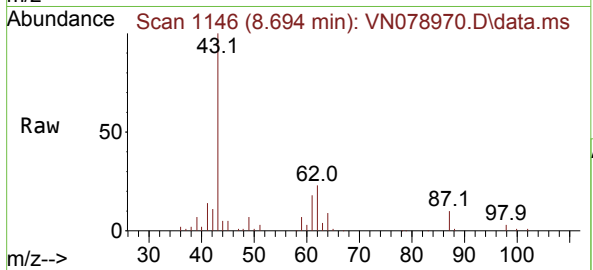




#43
Isopropyl Acetate
Concen: 19.270 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

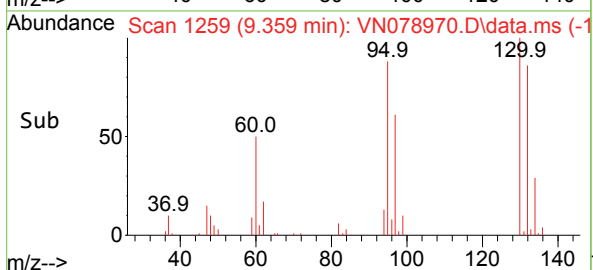
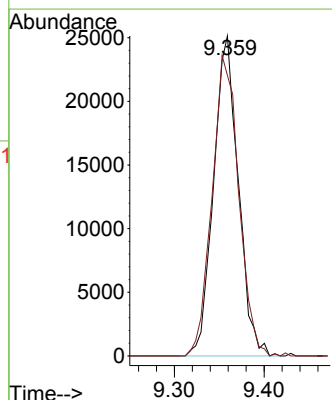
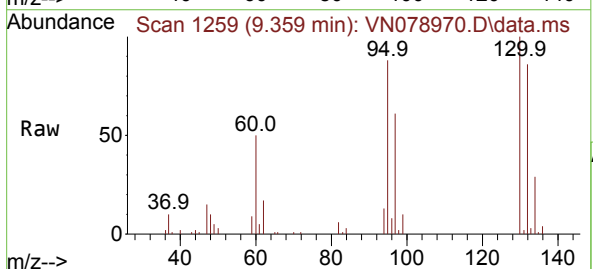
Instrument :
MSVOA_N
ClientSampleId :

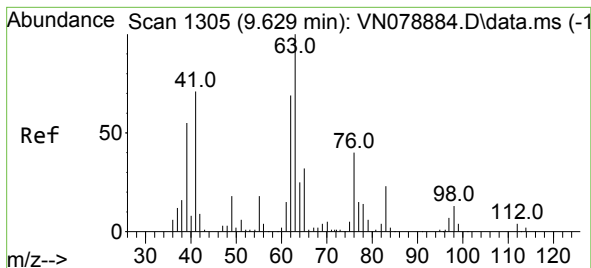
Tgt Ion: 43 Resp: 139521
Ion Ratio Lower Upper
43 100
61 22.2 24.7 37.1#
87 9.3 14.6 21.8#



#44
Trichloroethene
Concen: 18.669 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:130 Resp: 48004
Ion Ratio Lower Upper
130 100
95 87.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 17.674 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

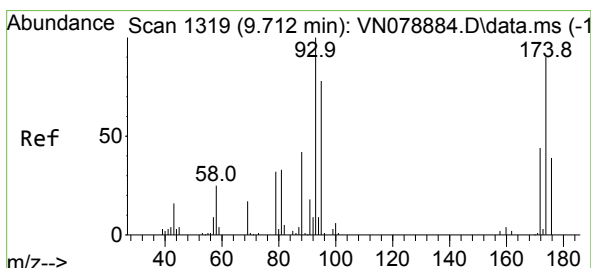
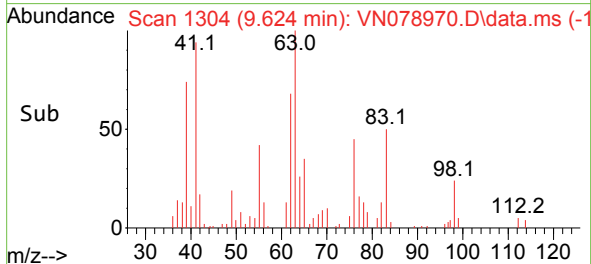
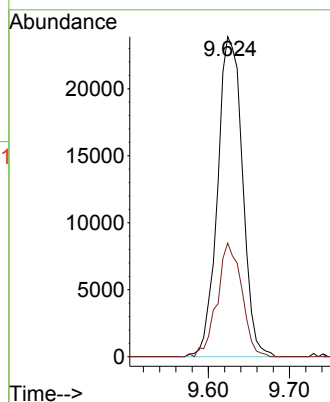
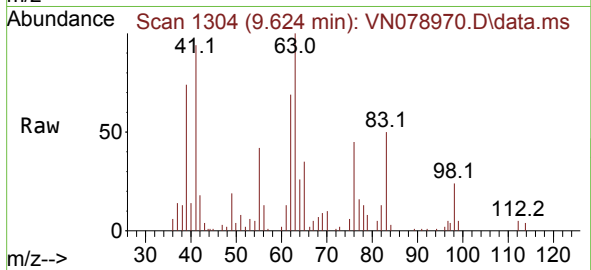
ClientSampleId :

Tgt Ion: 63 Resp: 50922

Ion Ratio Lower Upper

63 100

65 35.5 23.9 35.9



#46

Dibromomethane

Concen: 17.914 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

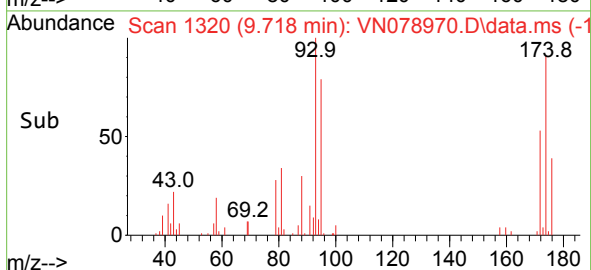
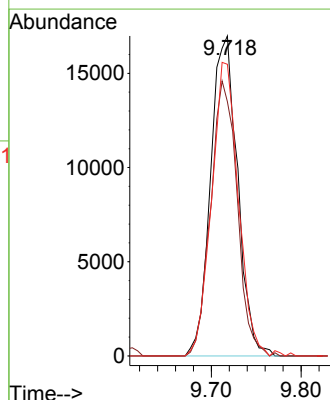
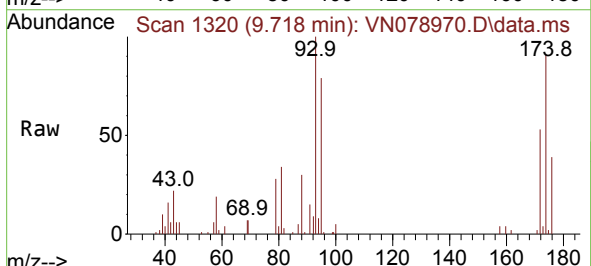
Tgt Ion: 93 Resp: 35402

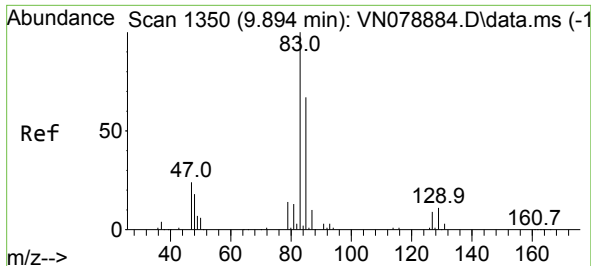
Ion Ratio Lower Upper

93 100

95 84.8 63.8 95.8

174 91.1 65.6 98.4

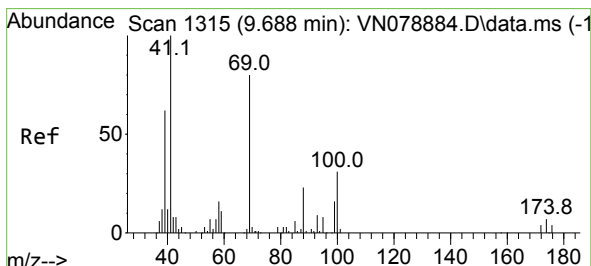
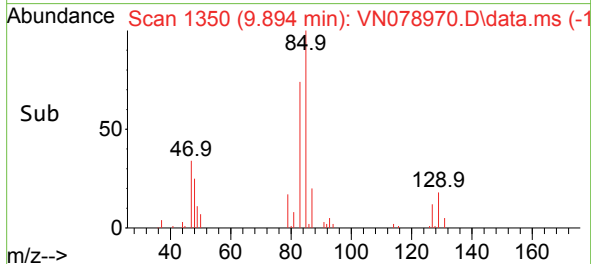
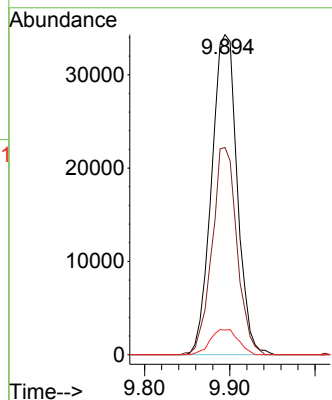
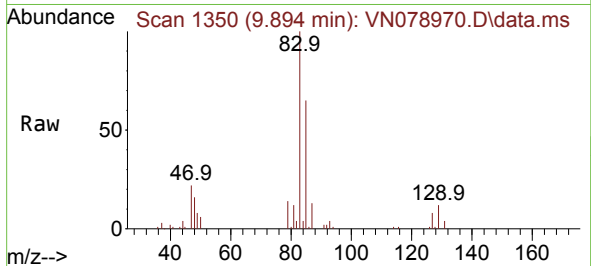




#47
Bromodichloromethane
Concen: 18.339 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

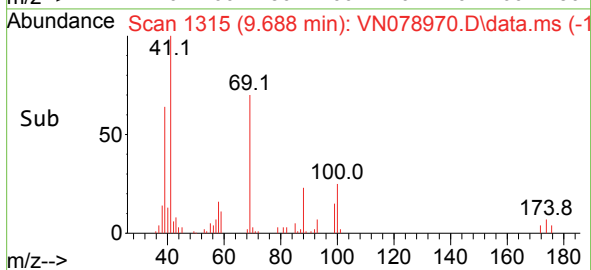
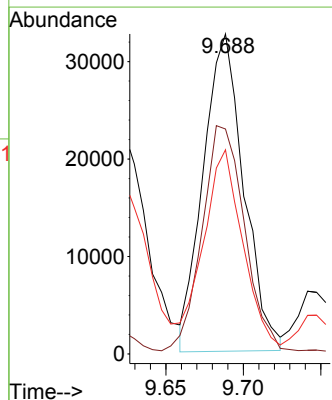
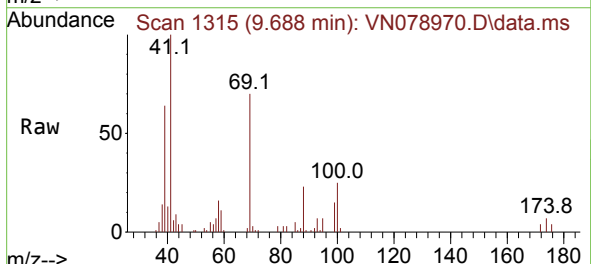
Instrument :
MSVOA_N
ClientSampleId :

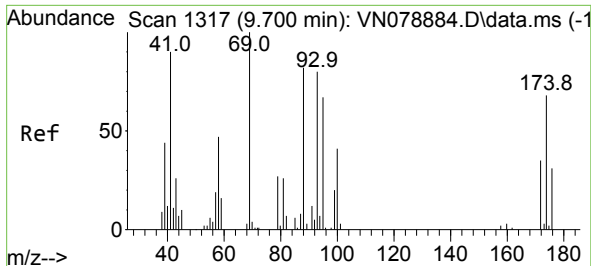
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.6	74.4
127	7.7	7.0	10.6



#48
Methyl methacrylate
Concen: 18.047 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.5	90.4	135.6
39	65.5	54.6	81.8





#49

1,4-Dioxane

Concen: 379.544 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

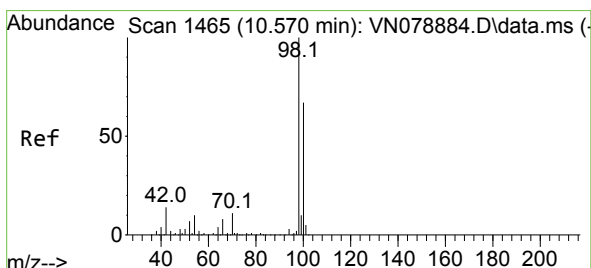
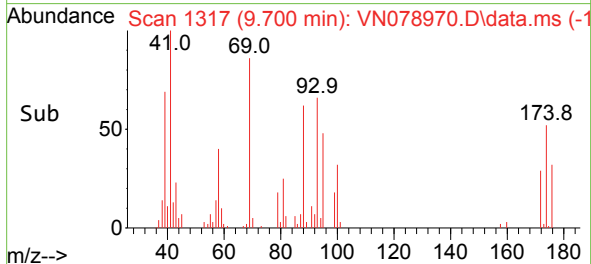
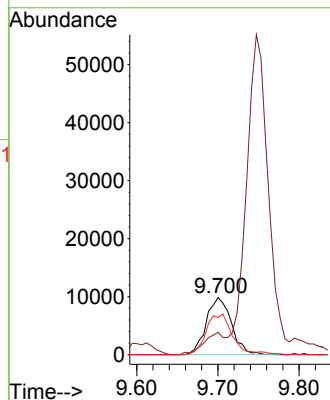
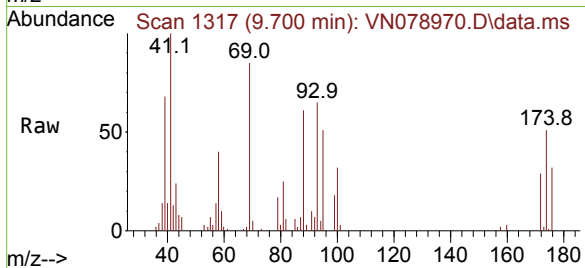
Tgt Ion: 88 Resp: 21210

Ion Ratio Lower Upper

88 100

43 34.4 17.0 25.6#

58 74.6 47.0 70.4#



#50

Toluene-d8

Concen: 46.007 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078970.D

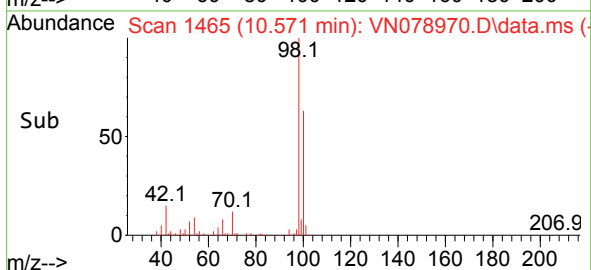
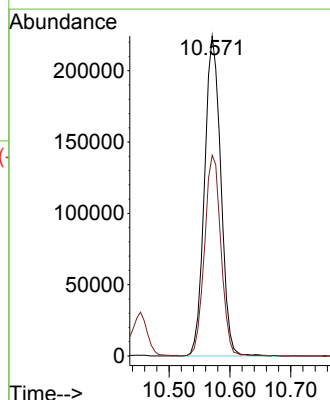
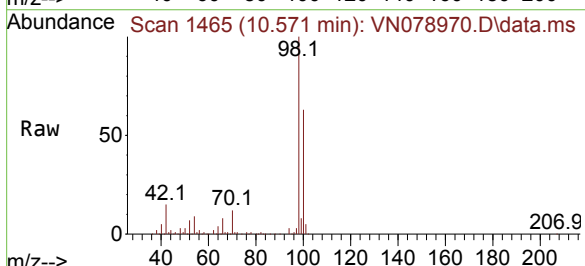
Acq: 21 Aug 2023 13:19

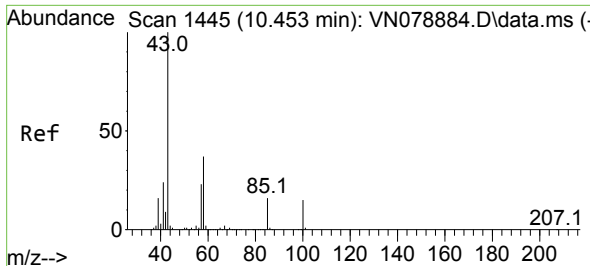
Tgt Ion: 98 Resp: 415768

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

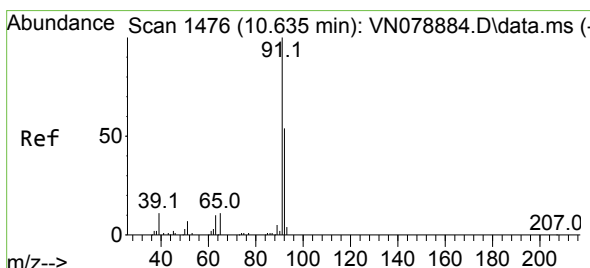
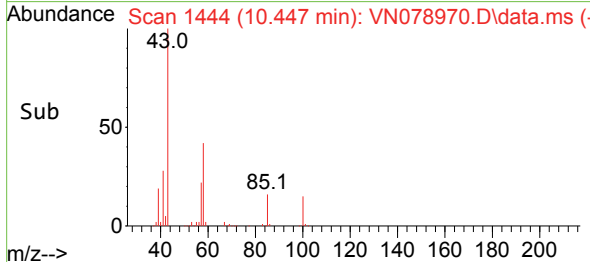
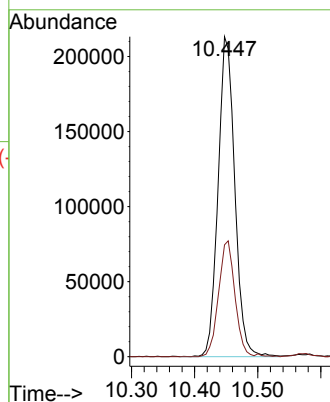
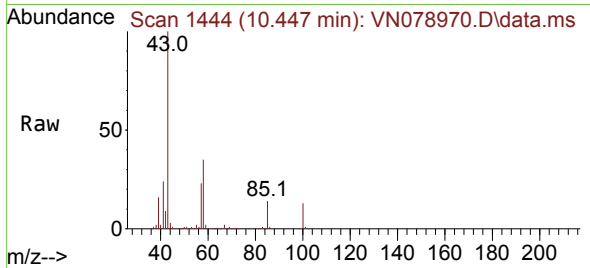




#51
4-Methyl-2-Pentanone
Concen: 91.394 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

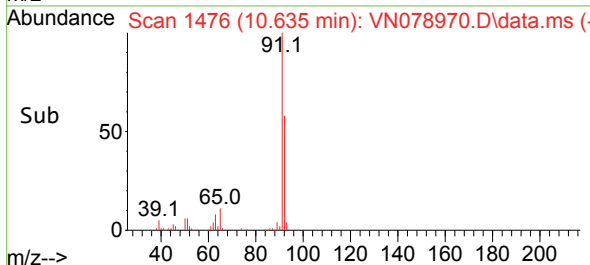
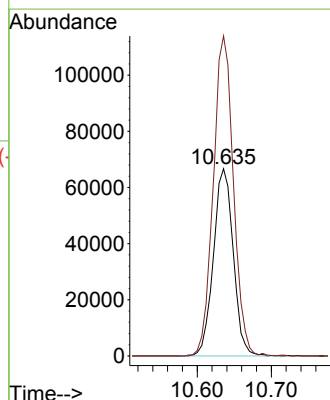
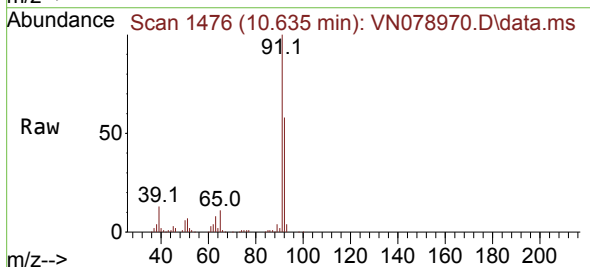
Instrument :
MSVOA_N
ClientSampleId :

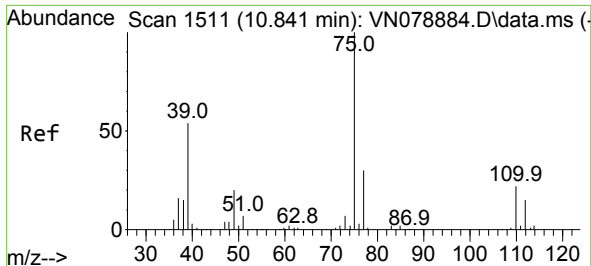
Tgt Ion: 43 Resp: 392460
Ion Ratio Lower Upper
43 100
58 35.4 36.6 54.8#



#52
Toluene
Concen: 18.643 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 92 Resp: 123865
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0

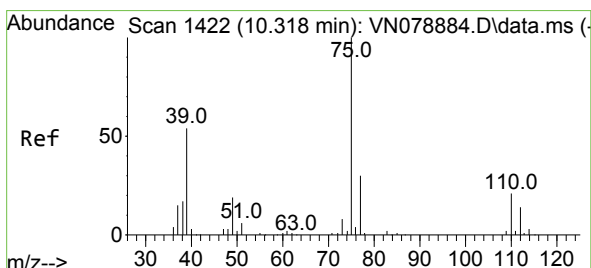
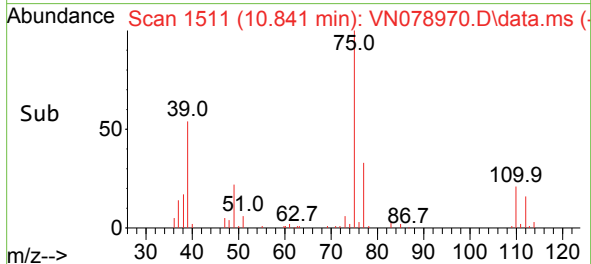
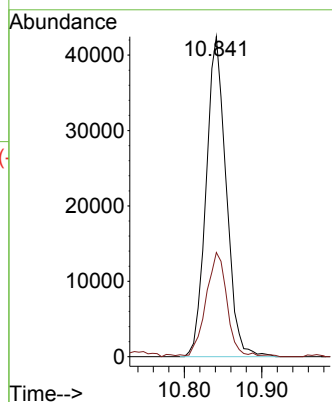
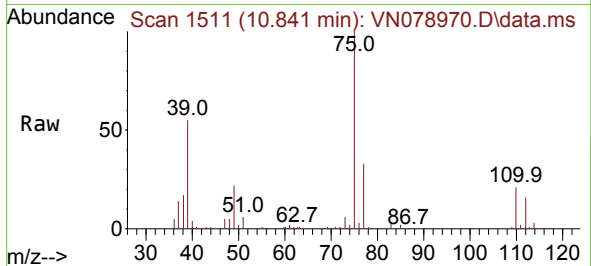




#53
 t-1,3-Dichloropropene
 Concen: 18.213 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

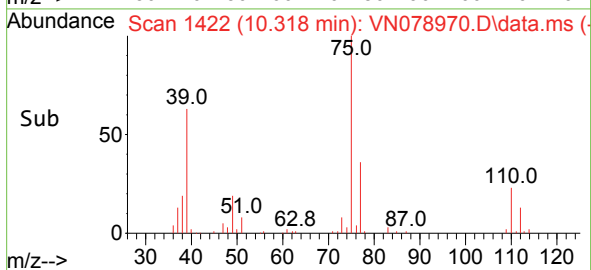
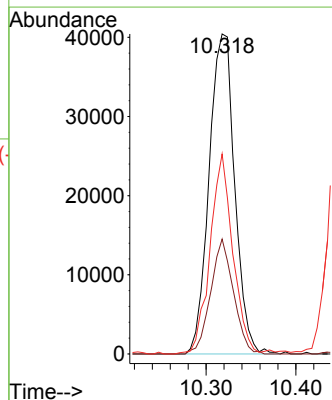
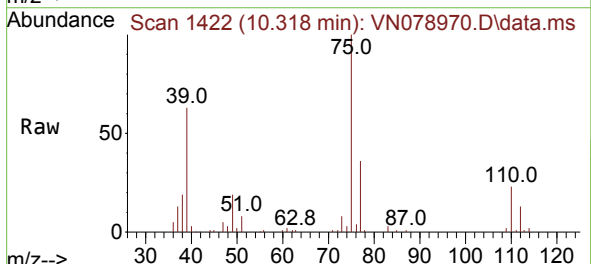
Instrument :
 MSVOA_N
 ClientSampleId :

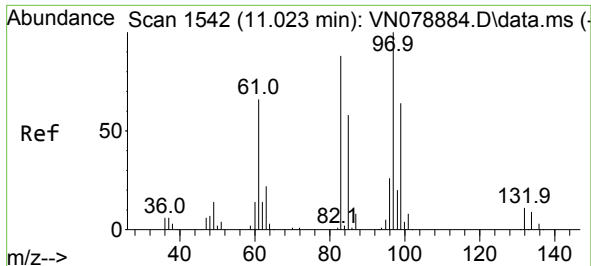
Tgt Ion: 75 Resp: 76215
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.613 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

Tgt Ion: 75 Resp: 80275
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.1 39.1
 39 62.1 31.6 47.4#

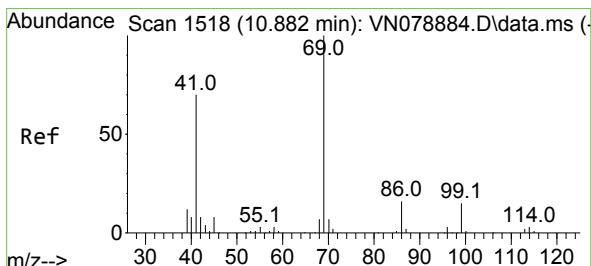
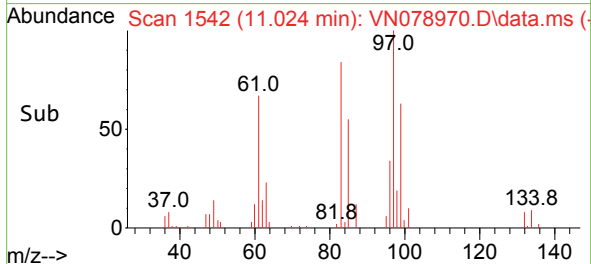
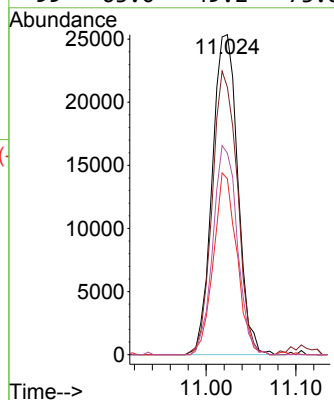
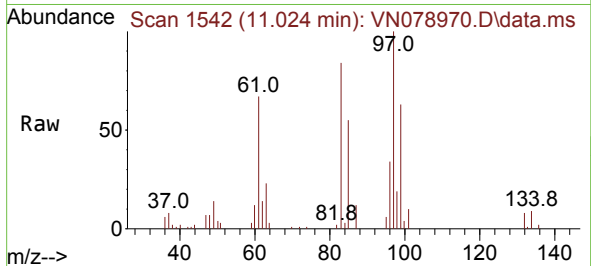




#55
1,1,2-Trichloroethane
Concen: 18.765 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

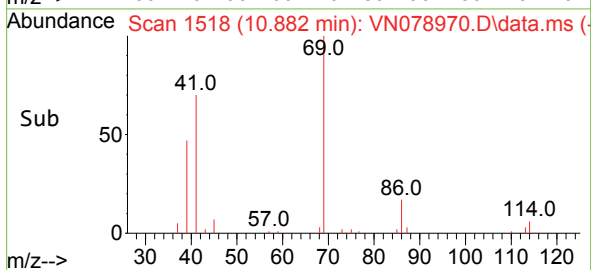
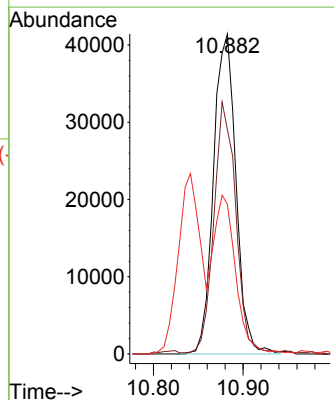
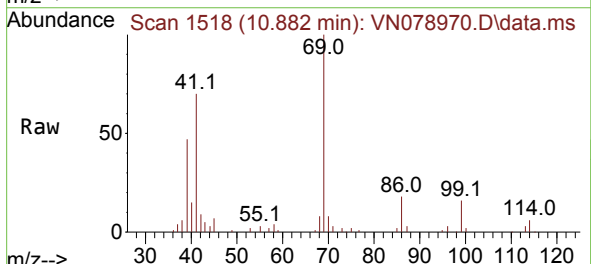
Instrument :
MSVOA_N
ClientSampleId :

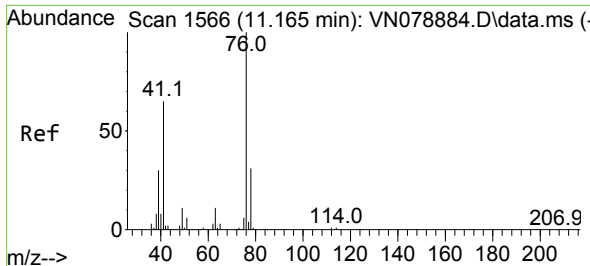
Tgt Ion: 97	Resp: 49990
Ion Ratio	Lower Upper
97 100	
83 83.5	65.1 97.7
85 54.9	43.4 65.2
99 63.0	49.2 73.8



#56
Ethyl methacrylate
Concen: 17.460 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 69	Resp: 72103
Ion Ratio	Lower Upper
69 100	
41 75.8	39.6 59.4#
39 48.7	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 18.675 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

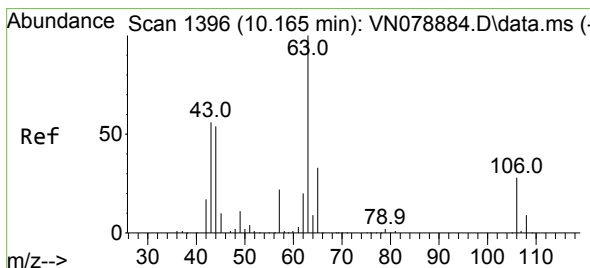
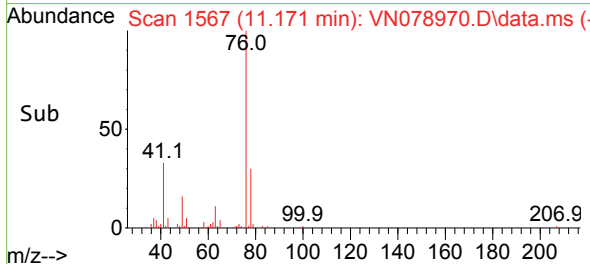
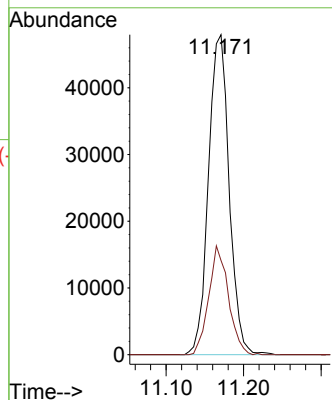
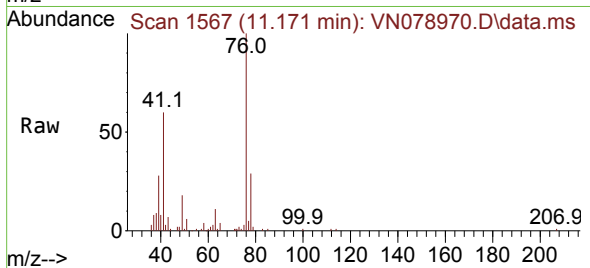
ClientSampleId :

Tgt Ion: 76 Resp: 88986

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 82.859 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078970.D

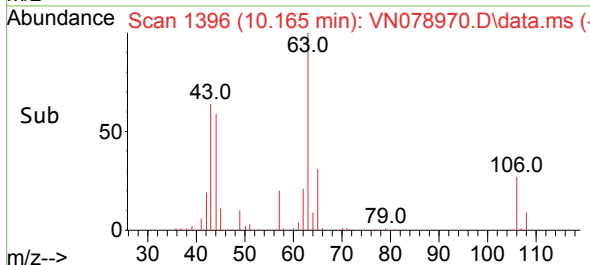
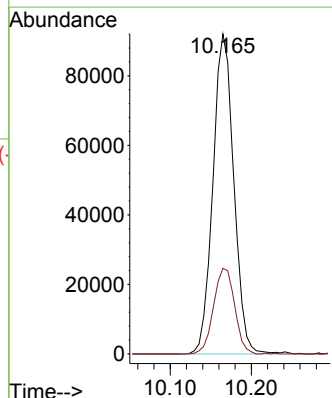
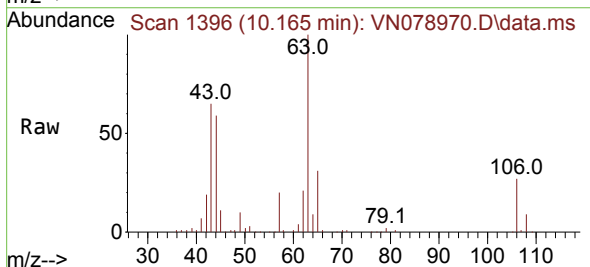
Acq: 21 Aug 2023 13:19

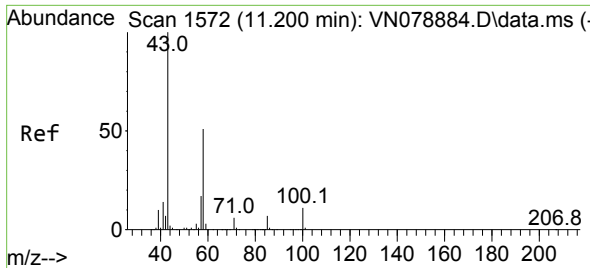
Tgt Ion: 63 Resp: 164250

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

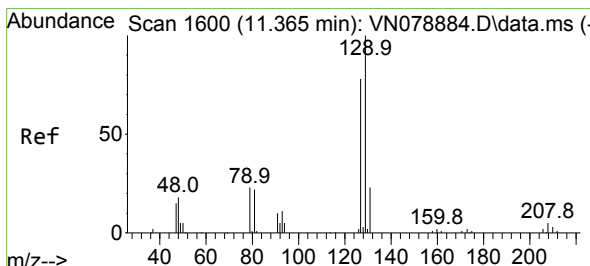
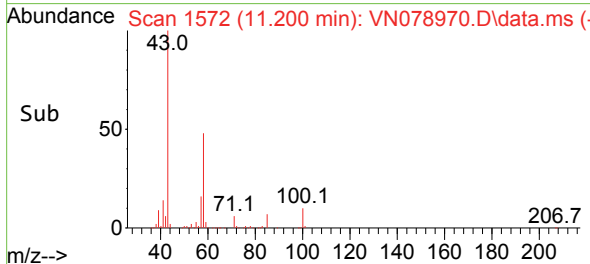
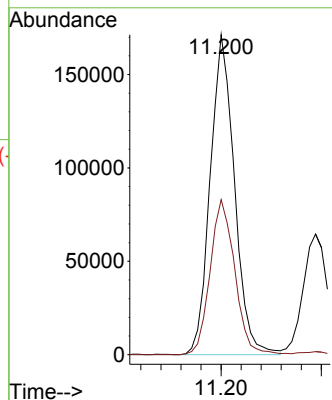
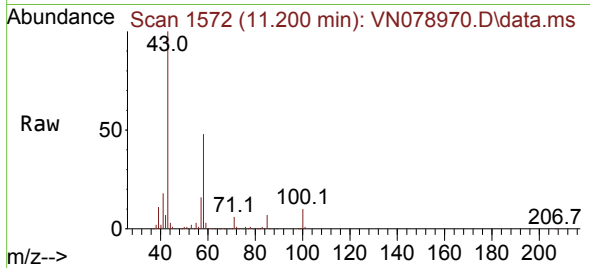




#59
2-Hexanone
Concen: 92.589 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

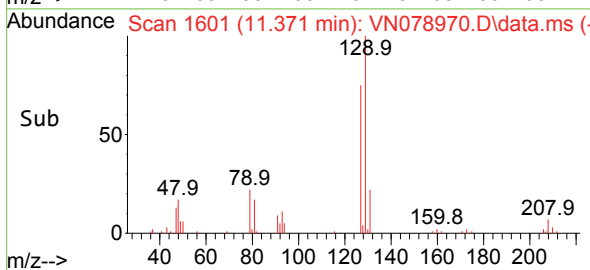
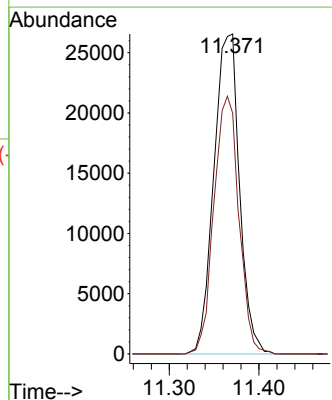
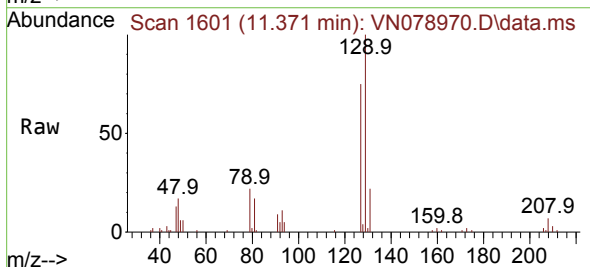
Instrument :
MSVOA_N
ClientSampleId :

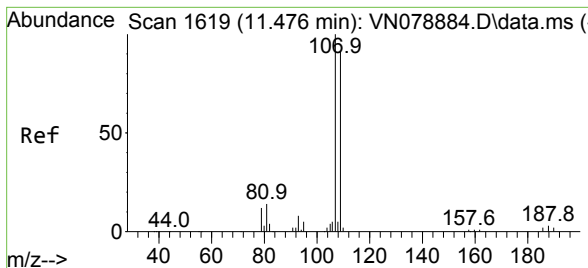
Tgt Ion: 43 Resp: 287976
Ion Ratio Lower Upper
43 100
58 49.3 31.7 95.1



#60
Dibromochloromethane
Concen: 18.830 ug/l
RT: 11.371 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 129 Resp: 52788
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

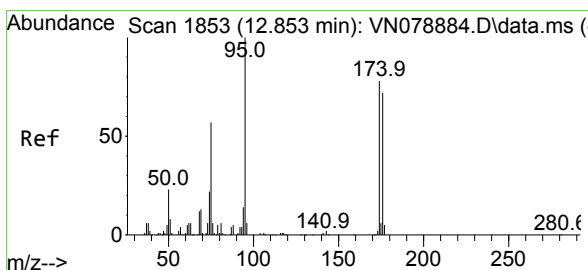
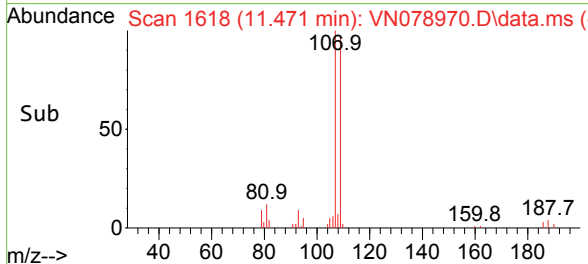
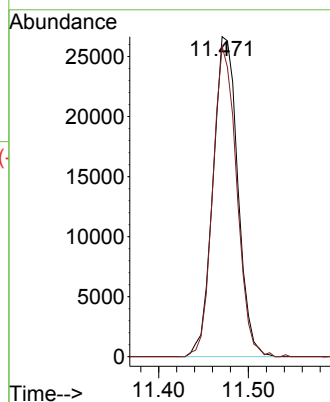
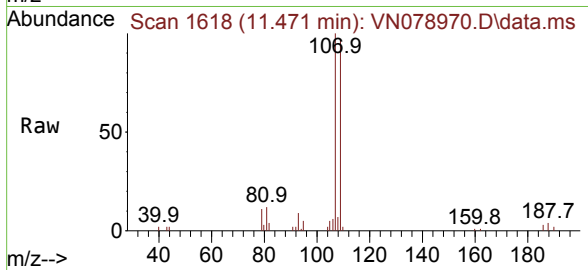




#61
1,2-Dibromoethane
Concen: 18.844 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

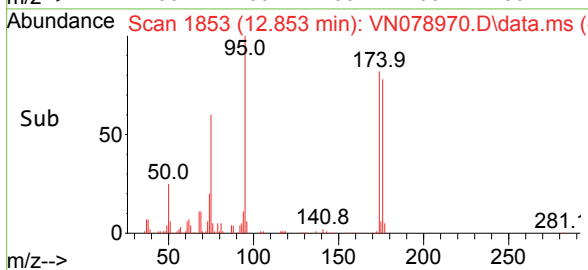
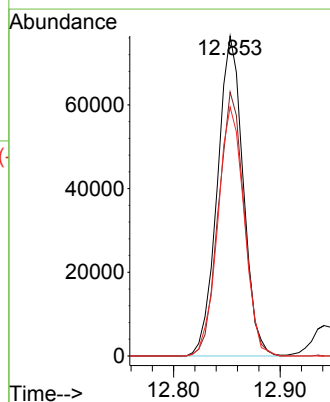
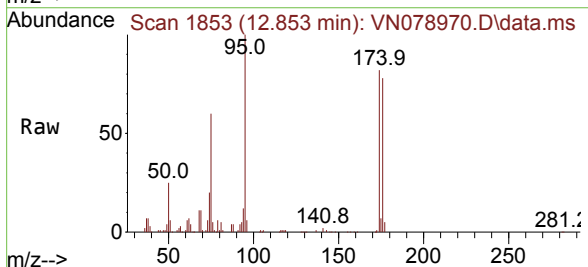
Instrument :
MSVOA_N
ClientSampleId :

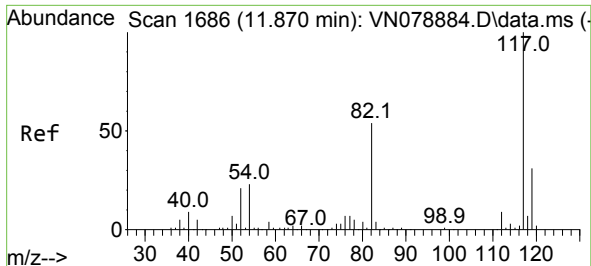
Tgt Ion:107 Resp: 51013
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 43.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 95 Resp: 128446
Ion Ratio Lower Upper
95 100
174 82.1 0.0 143.8
176 79.2 0.0 135.8

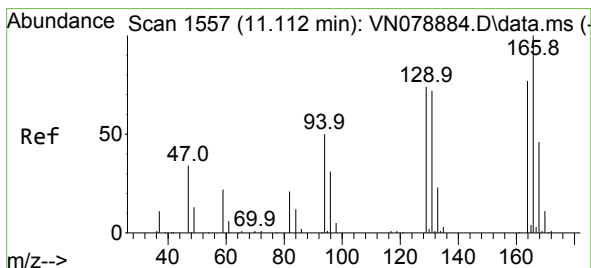
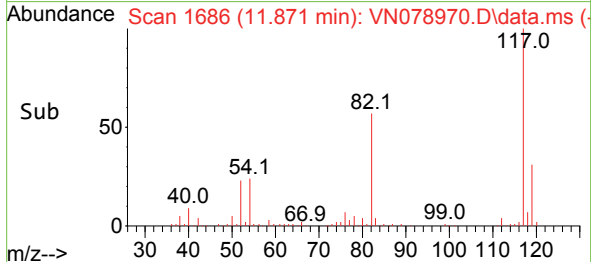
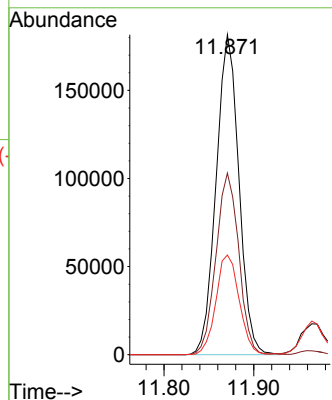
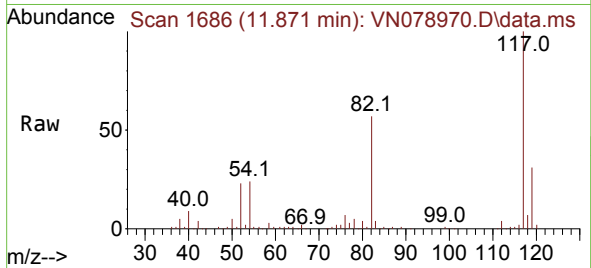




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

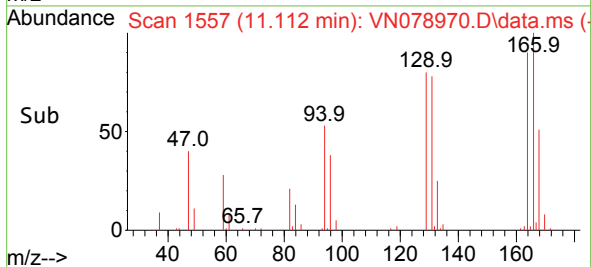
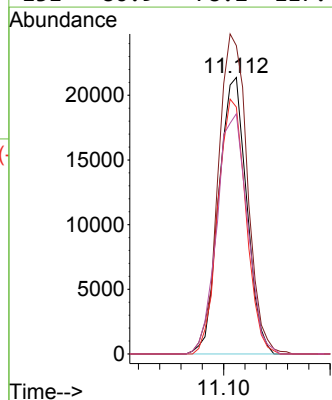
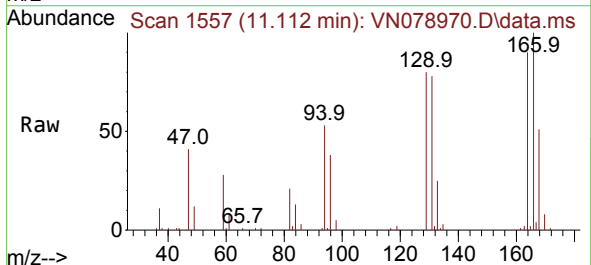
Instrument :
MSVOA_N
ClientSampleId :

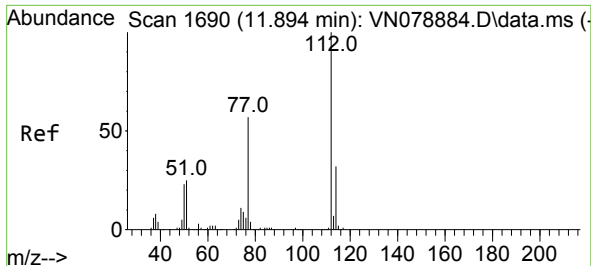
Tgt Ion:117 Resp: 319873
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 19.377 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:164 Resp: 38869
Ion Ratio Lower Upper
164 100
166 111.5 101.4 152.0
129 89.3 82.4 123.6
131 86.9 78.2 117.4

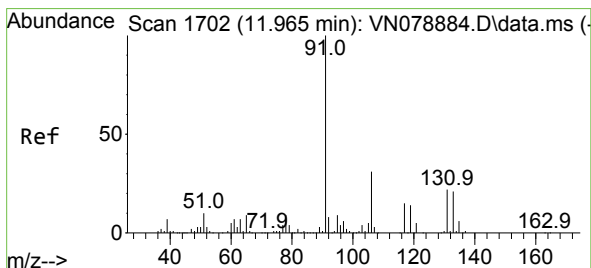
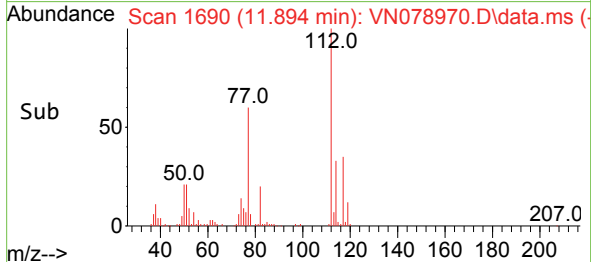
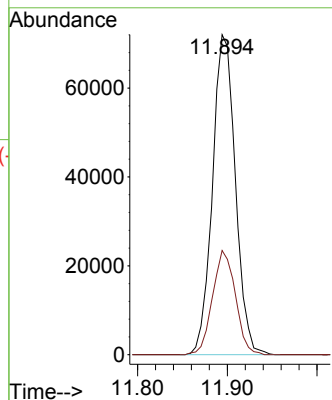
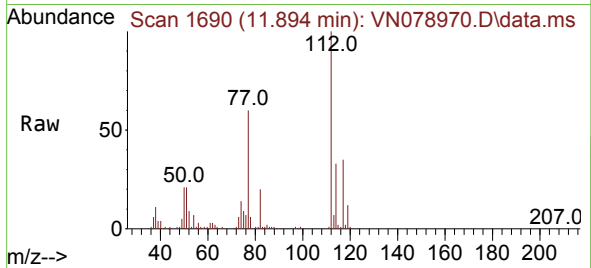




#65
Chlorobenzene
Concen: 18.753 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

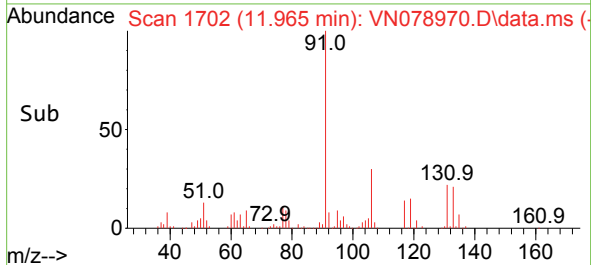
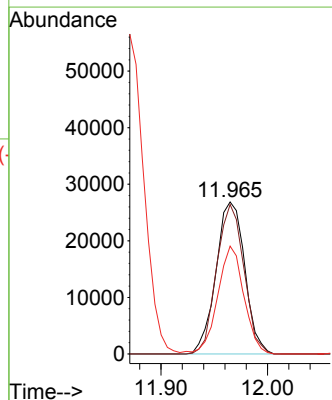
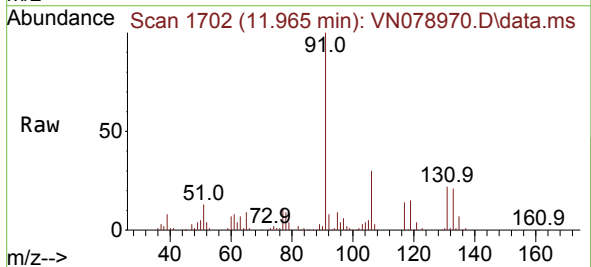
Instrument :
MSVOA_N
ClientSampleId :

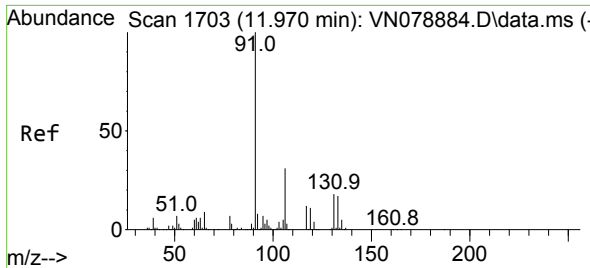
Tgt Ion:112 Resp: 127686
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.634 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:131 Resp: 50523
Ion Ratio Lower Upper
131 100
133 93.0 46.4 139.1
119 64.6 34.1 102.2

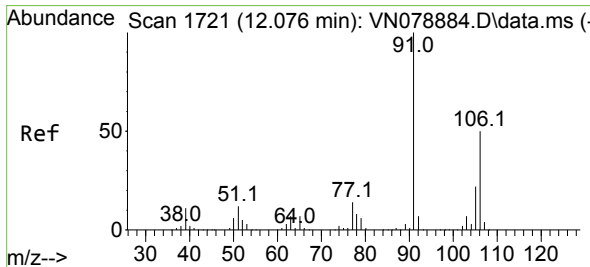
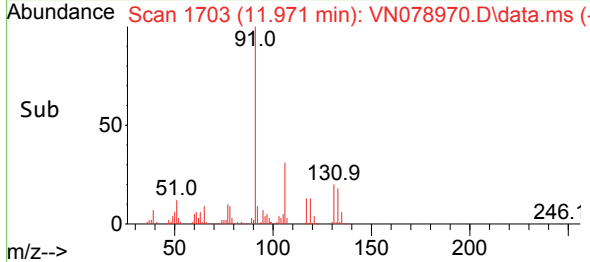
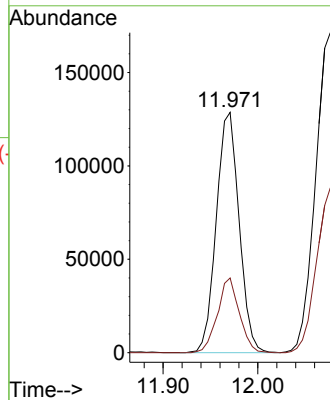
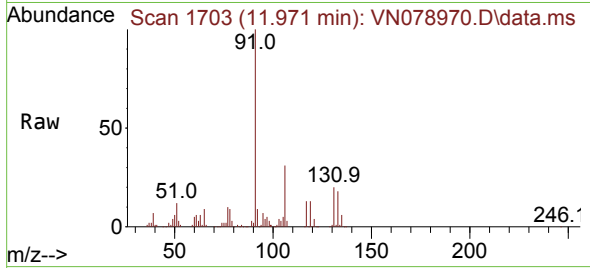




#67
Ethyl Benzene
Concen: 17.385 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

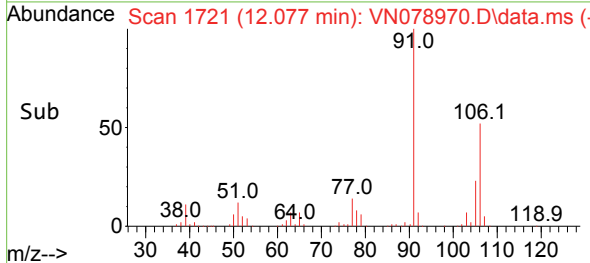
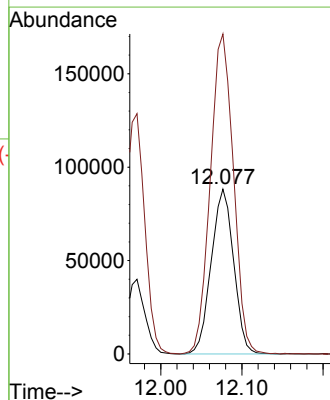
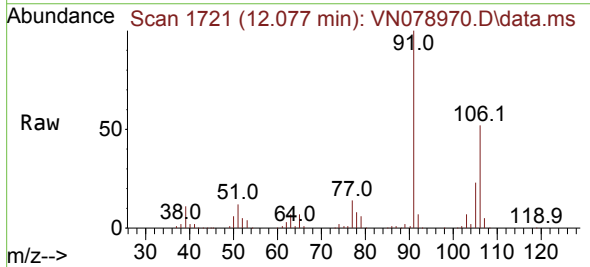
Instrument :
MSVOA_N
ClientSampleId :

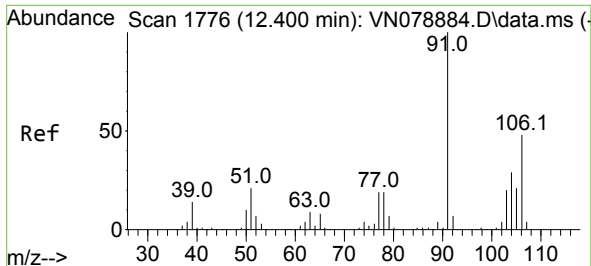
Tgt Ion: 91 Resp: 215267
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 36.631 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:106 Resp: 169582
Ion Ratio Lower Upper
106 100
91 200.0 159.6 239.4





#69

o-Xylene

Concen: 18.282 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

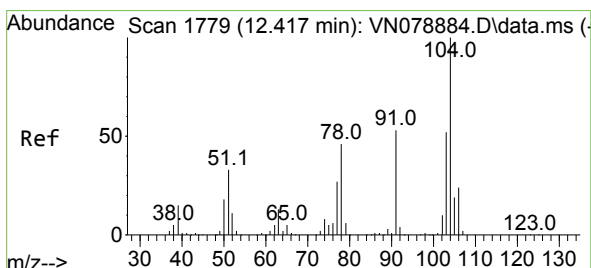
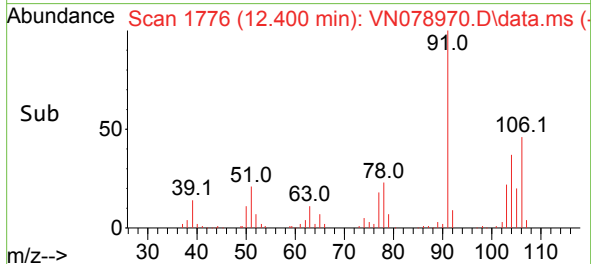
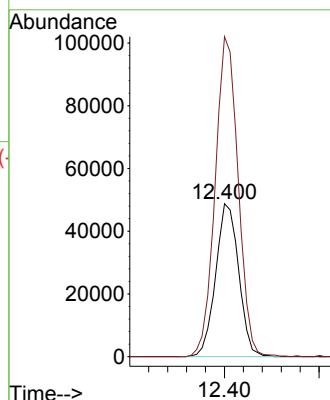
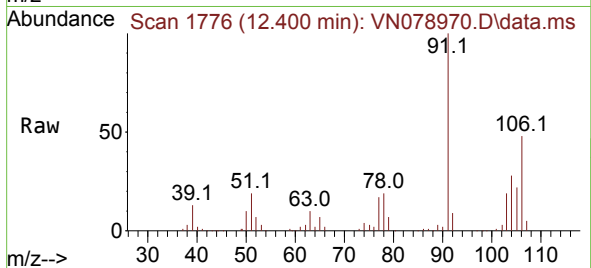
ClientSampleId :

Tgt Ion:106 Resp: 82333

Ion Ratio Lower Upper

106 100

91 209.2 105.2 315.5



#70

Styrene

Concen: 17.910 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

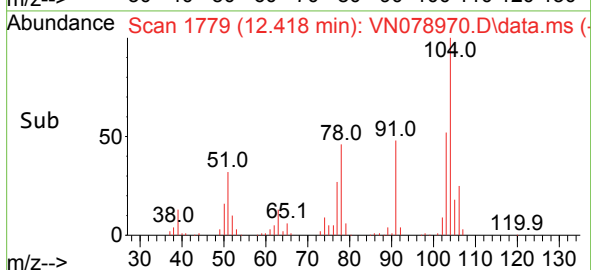
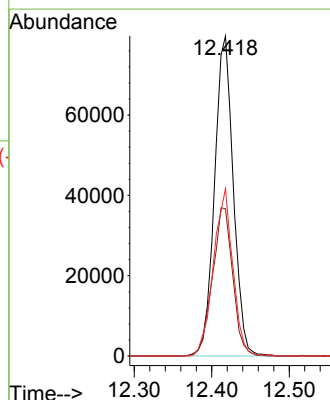
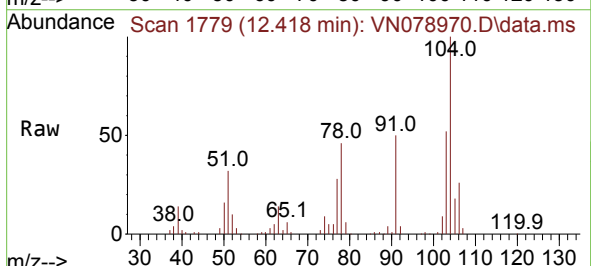
Tgt Ion:104 Resp: 134492

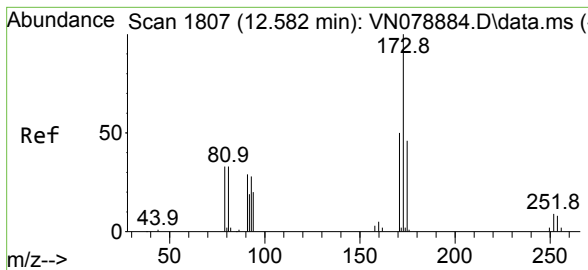
Ion Ratio Lower Upper

104 100

78 50.0 39.5 59.3

103 54.1 43.2 64.8

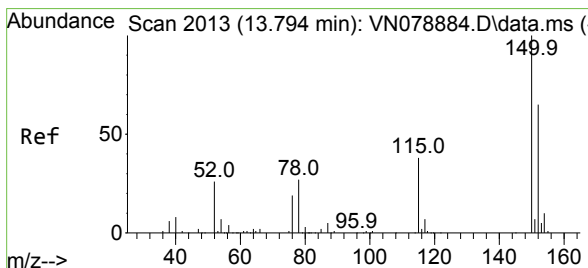
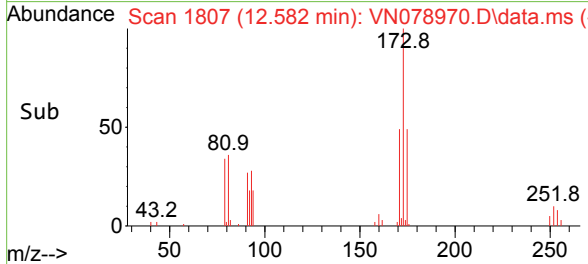
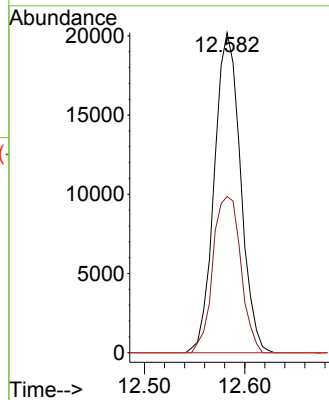
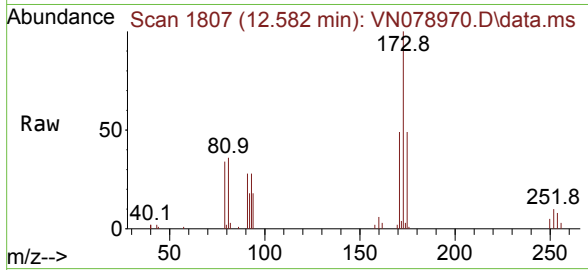




#71
Bromoform
Concen: 19.579 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

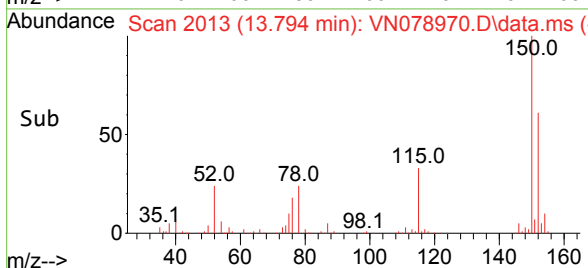
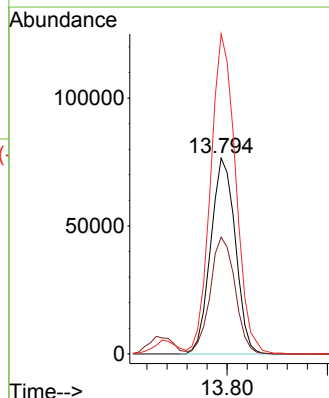
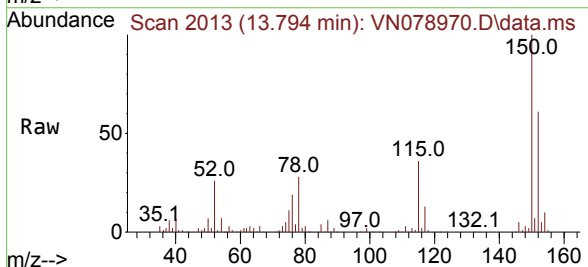
Instrument :
MSVOA_N
ClientSampleId :

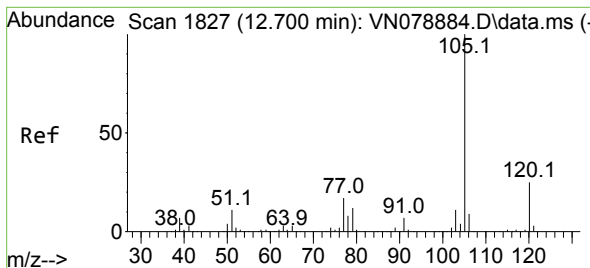
Tgt Ion:173 Resp: 36626
Ion Ratio Lower Upper
173 100
175 52.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:152 Resp: 130826
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 166.2 0.0 355.8





#73

Isopropylbenzene

Concen: 17.904 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

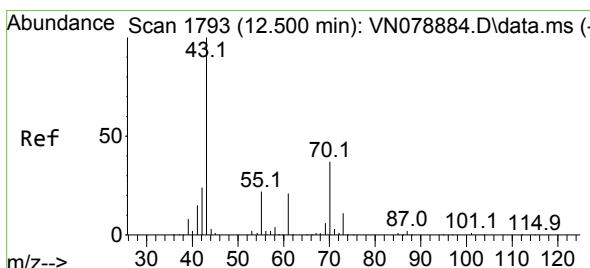
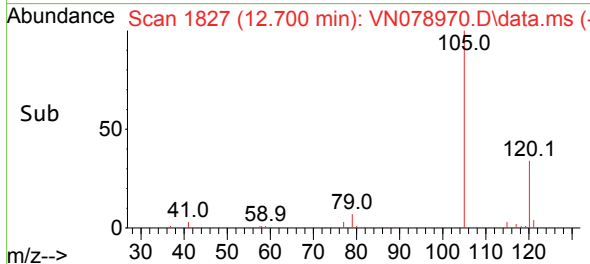
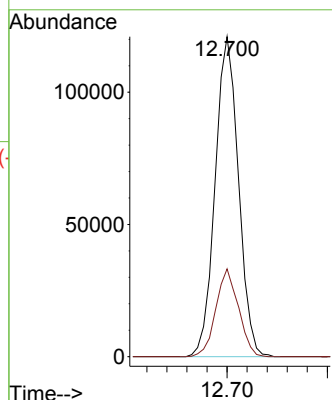
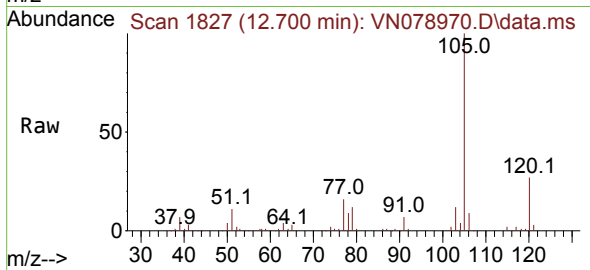
ClientSampleId :

Tgt Ion:105 Resp: 195309

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 17.656 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Tgt Ion: 43 Resp: 97219

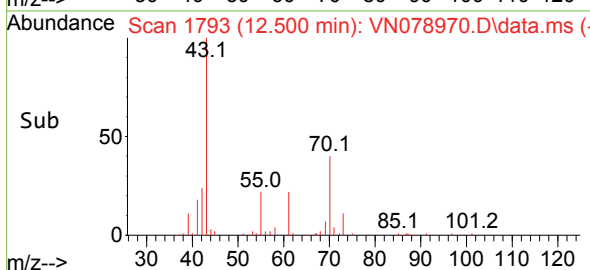
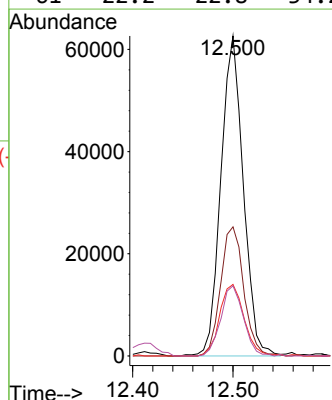
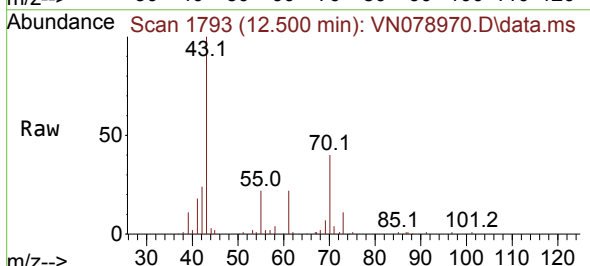
Ion Ratio Lower Upper

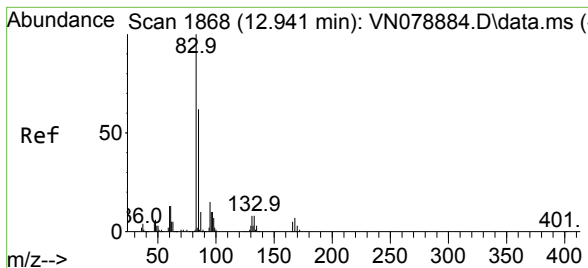
43 100

70 41.6 43.4 65.2#

55 24.3 21.4 32.0

61 22.2 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.261 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

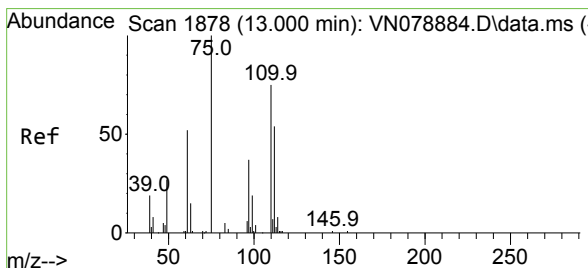
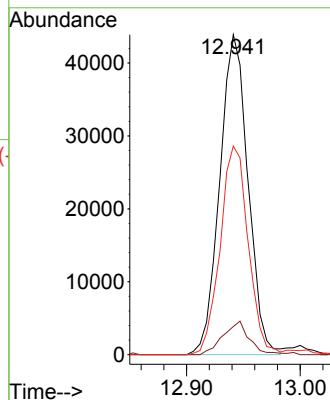
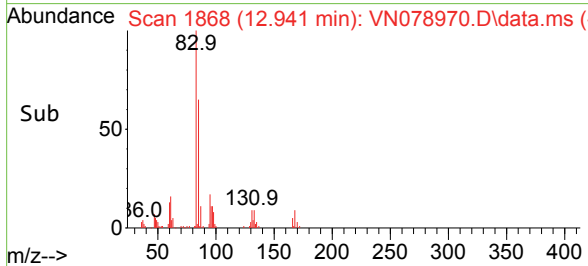
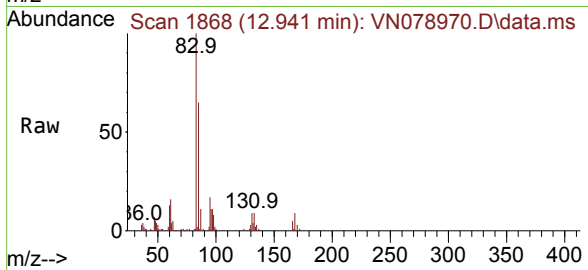
Tgt Ion: 83 Resp: 75864

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.356 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078970.D

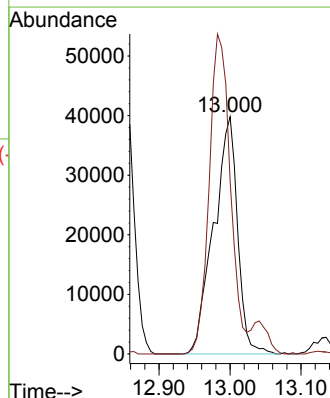
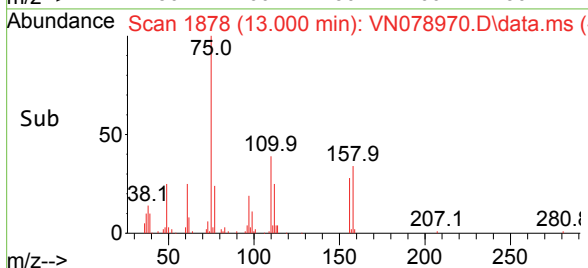
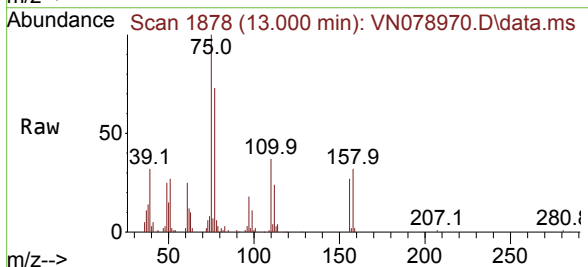
Acq: 21 Aug 2023 13:19

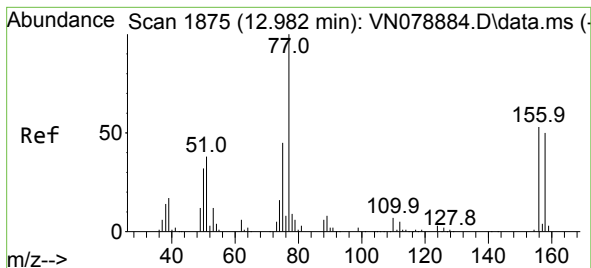
Tgt Ion: 75 Resp: 92538

Ion Ratio Lower Upper

75 100

77 120.1 84.5 253.5





#77

Bromobenzene

Concen: 19.300 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078970.D

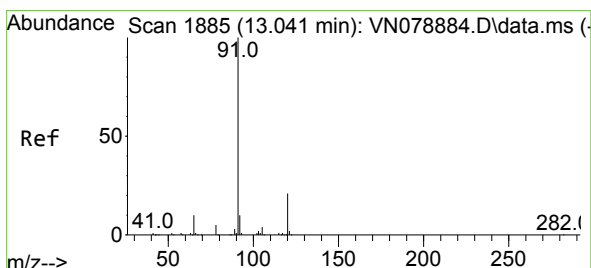
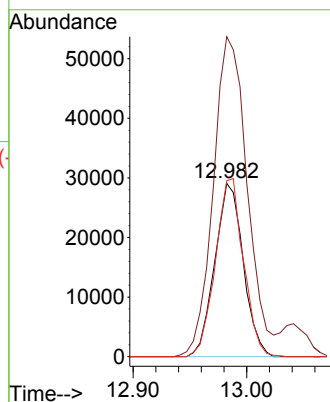
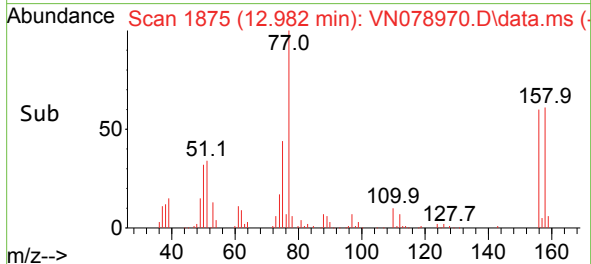
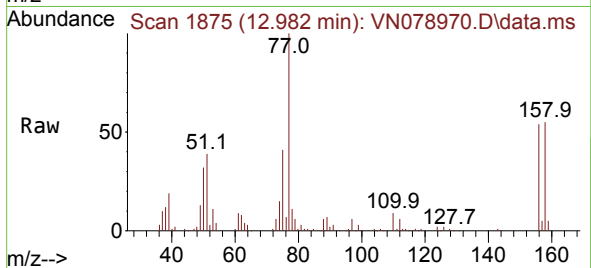
Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	50606
Ion Ratio	Lower	Upper	
156	100		
77	219.6	107.7	323.3
158	101.3	48.4	145.3



#78

n-propylbenzene

Concen: 17.840 ug/l

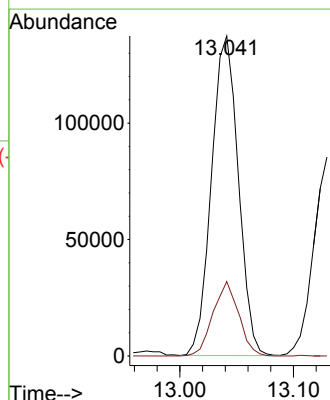
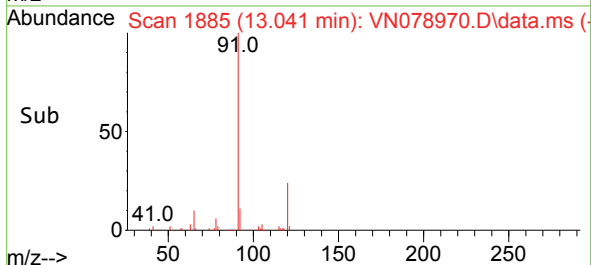
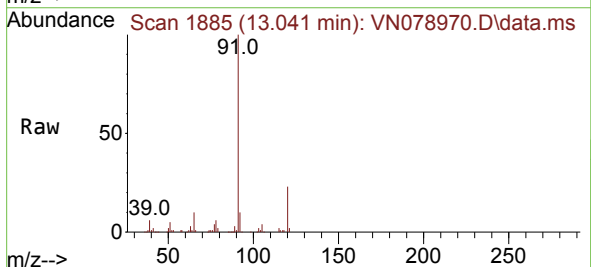
RT: 13.041 min Scan# 1885

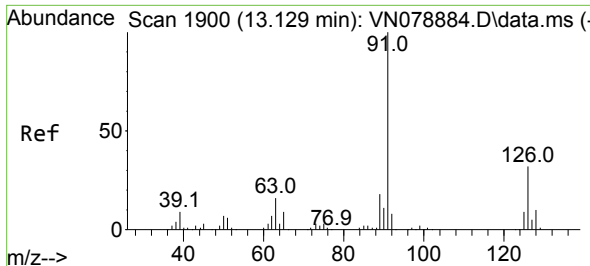
Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Tgt Ion:	91	Resp:	225673
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4

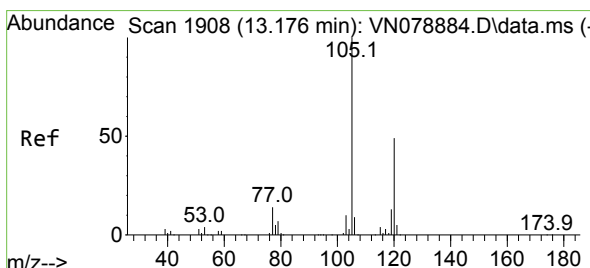
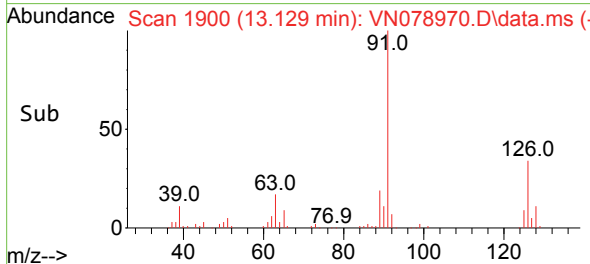
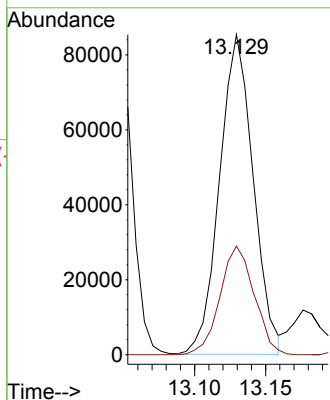
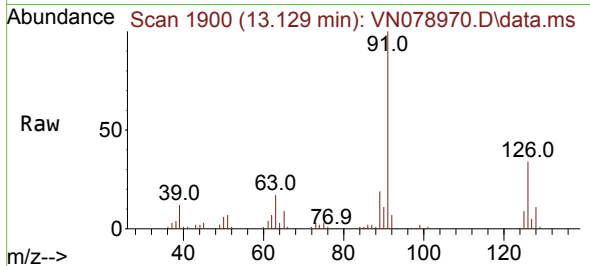




#79
2-Chlorotoluene
Concen: 17.927 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

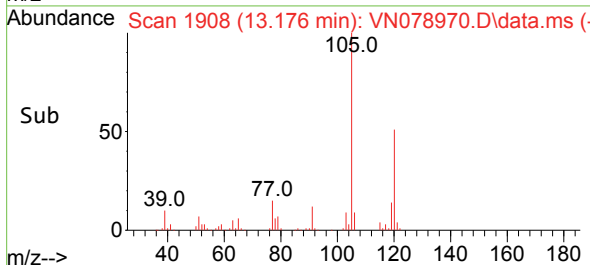
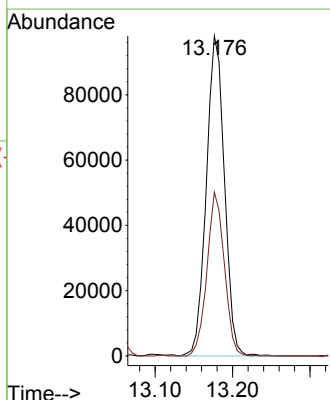
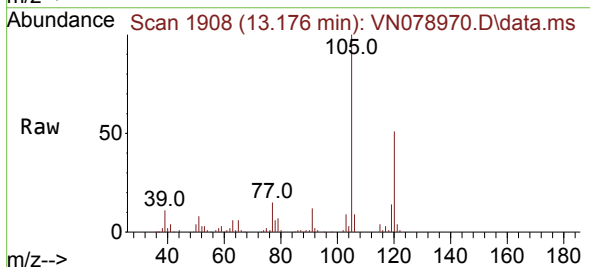
Instrument :
MSVOA_N
ClientSampleId :

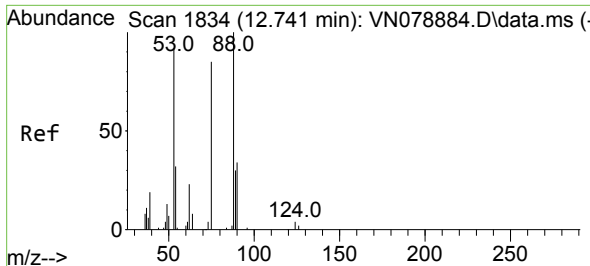
Tgt Ion: 91 Resp: 140669
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.403 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:105 Resp: 159090
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

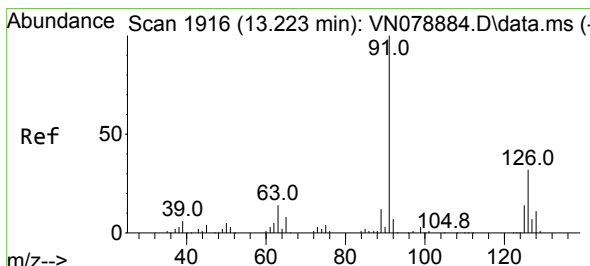
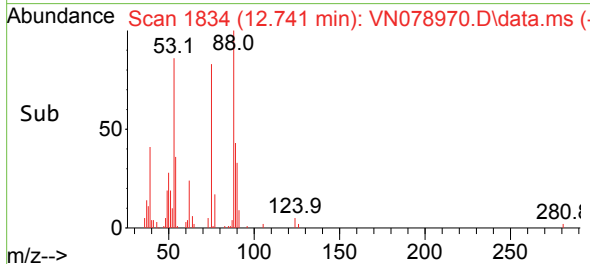
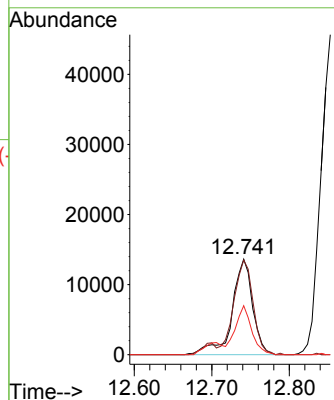
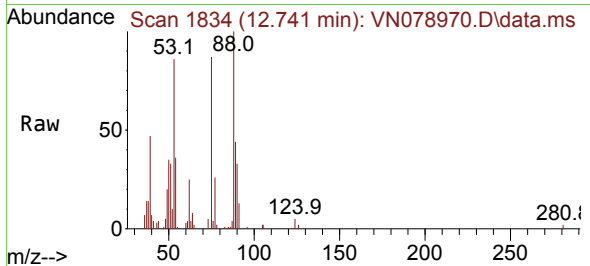




#81
trans-1,4-Dichloro-2-butene
Concen: 20.465 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

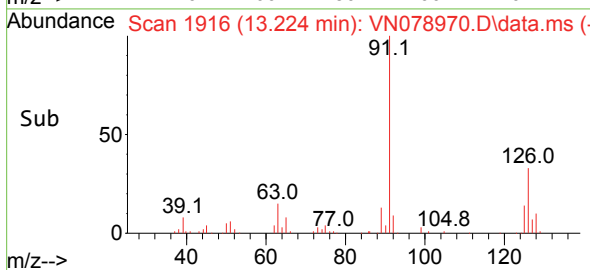
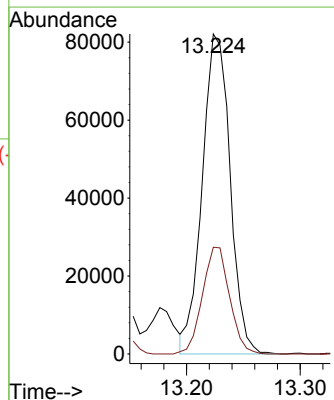
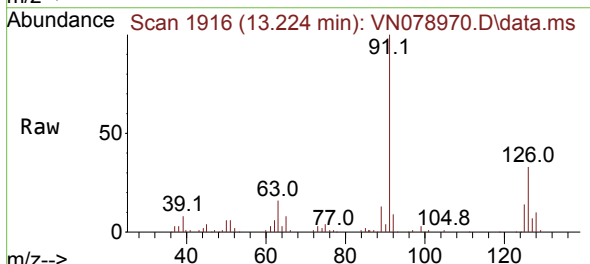
Instrument :
MSVOA_N
ClientSampleId :

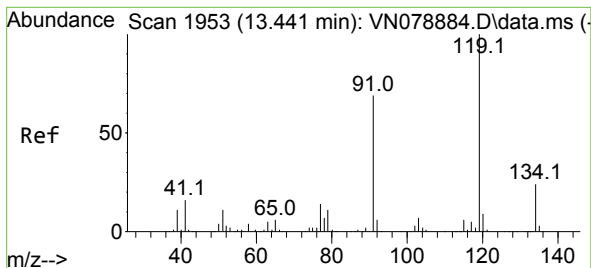
Tgt Ion: 75 Resp: 25253
Ion Ratio Lower Upper
75 100
53 93.3 67.4 101.2
89 40.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.239 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion: 91 Resp: 140037
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0

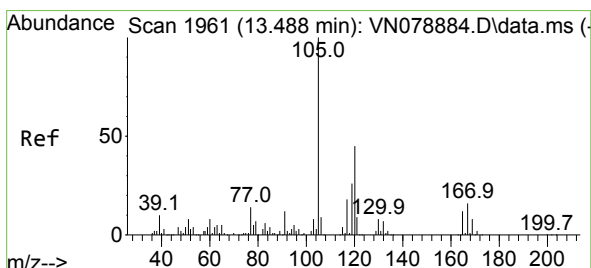
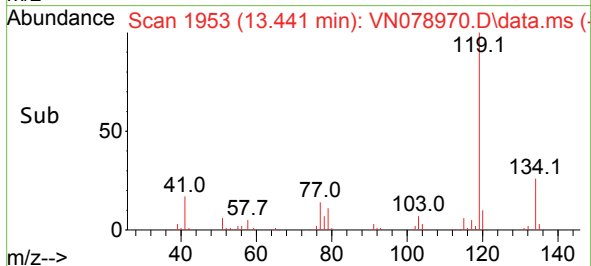
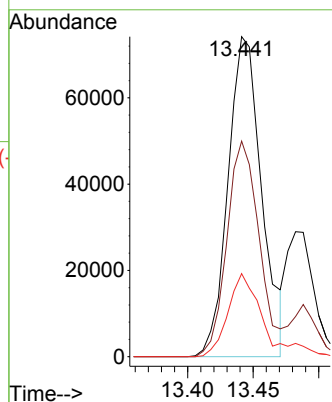
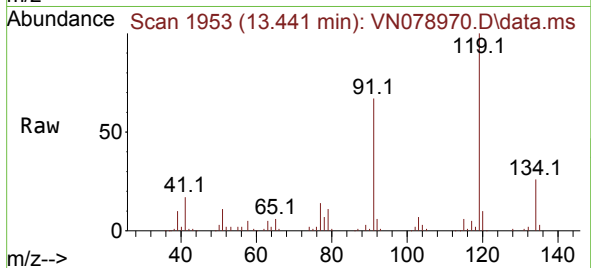




#83
 tert-Butylbenzene
 Concen: 18.226 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

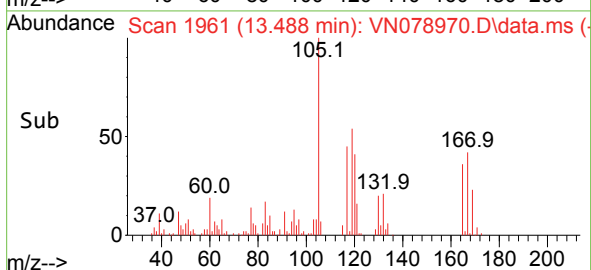
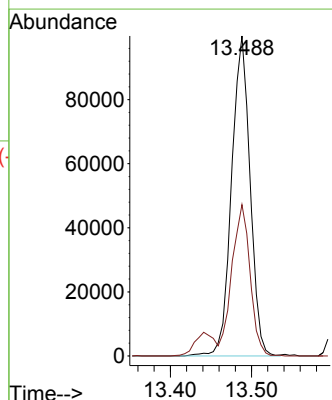
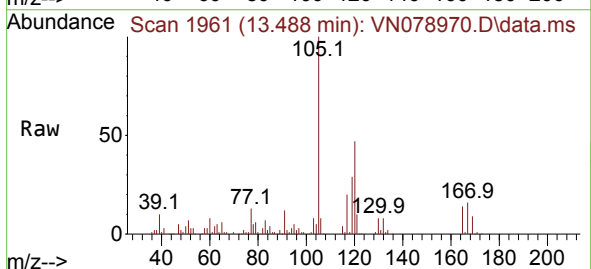
Instrument :
 MSVOA_N
 ClientSampleId :

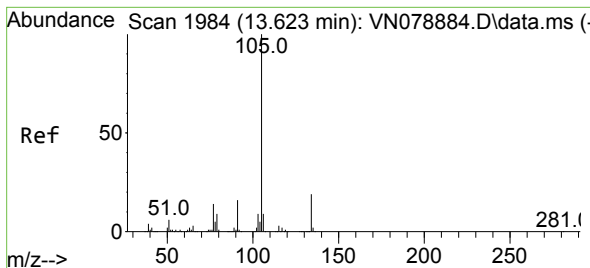
Tgt Ion:119 Resp: 132383
 Ion Ratio Lower Upper
 119 100
 91 64.7 33.9 101.7
 134 27.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.424 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

Tgt Ion:105 Resp: 157708
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.729 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

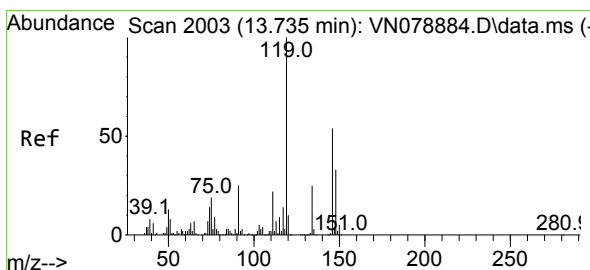
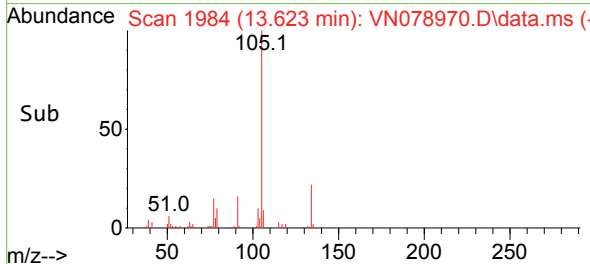
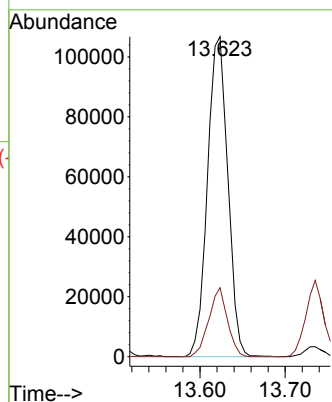
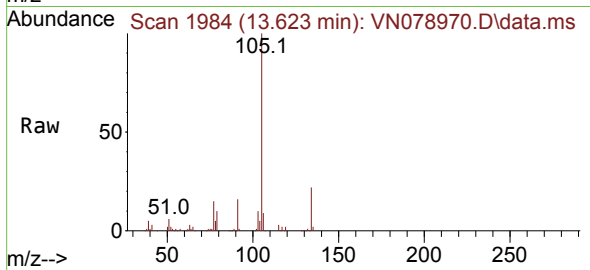
ClientSampleId :

Tgt Ion:105 Resp: 177215

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 17.898 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

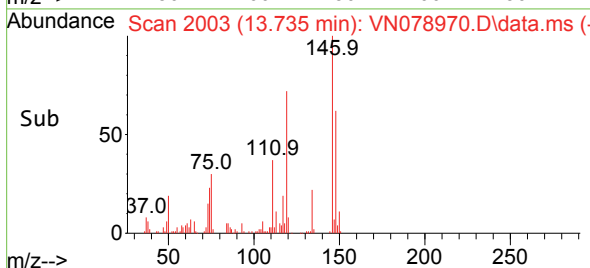
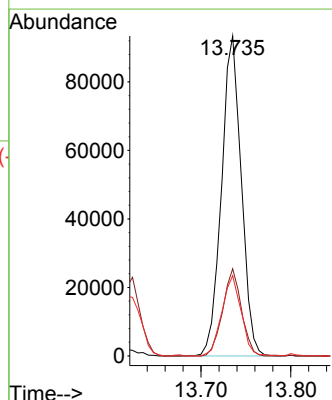
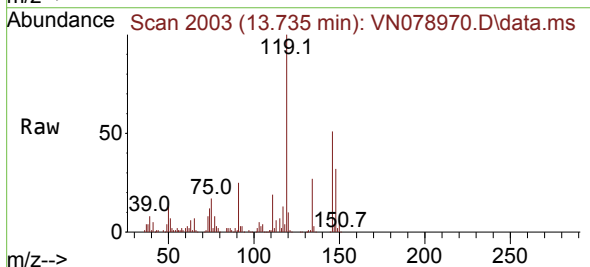
Tgt Ion:119 Resp: 142934

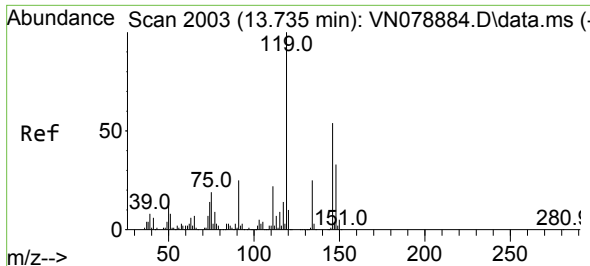
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.6 12.4 37.2

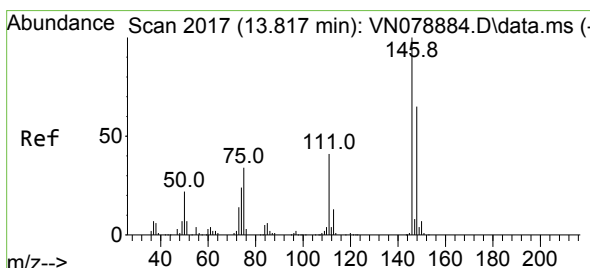
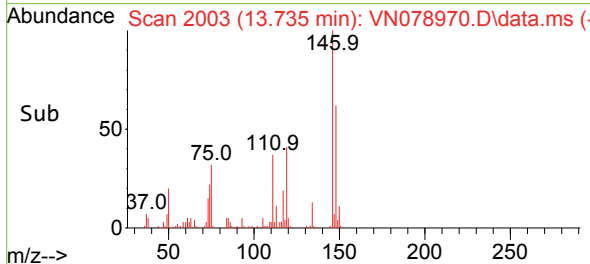
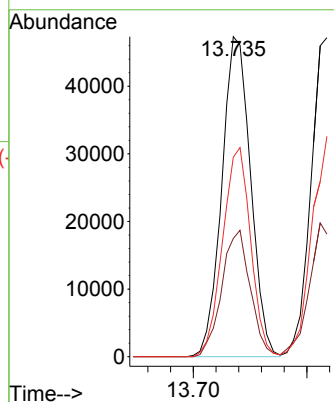
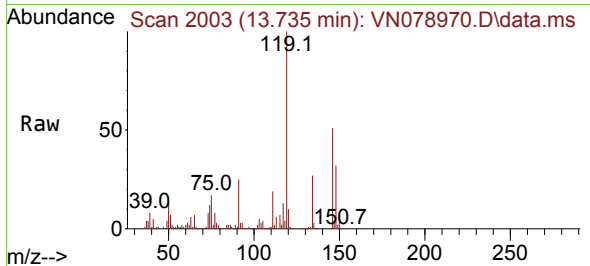




#87
 1,3-Dichlorobenzene
 Concen: 18.475 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

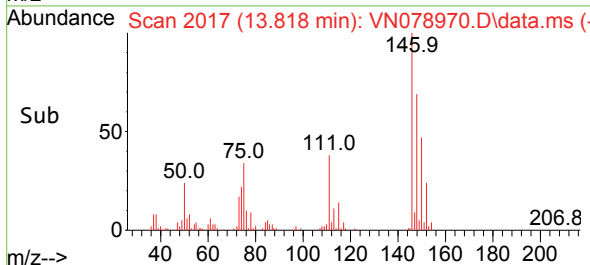
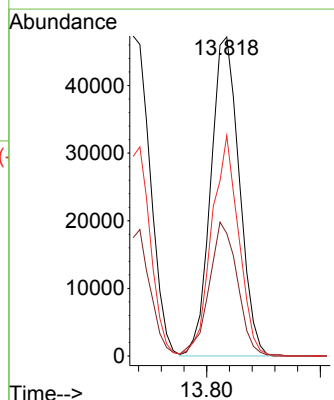
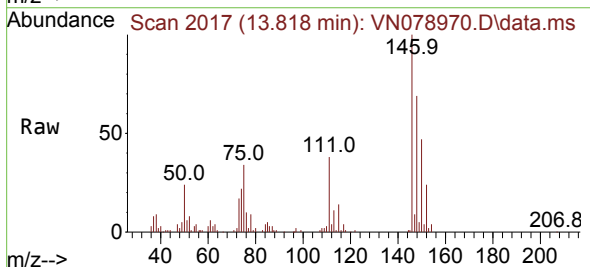
Instrument :
 MSVOA_N
 ClientSampleId :

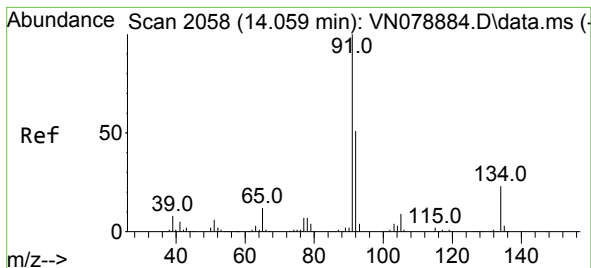
Tgt Ion:146 Resp: 83356
 Ion Ratio Lower Upper
 146 100
 111 39.2 22.1 66.3
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.220 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

Tgt Ion:146 Resp: 82283
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 65.4 31.6 94.8





#89

n-Butylbenzene

Concen: 16.717 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

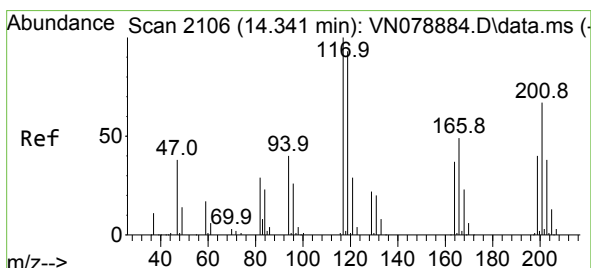
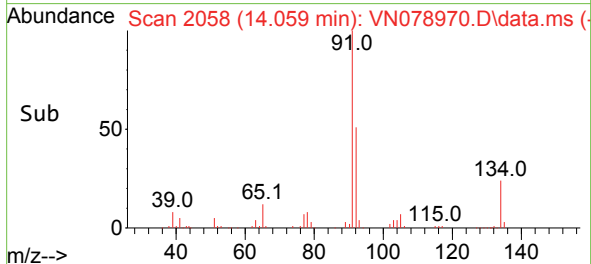
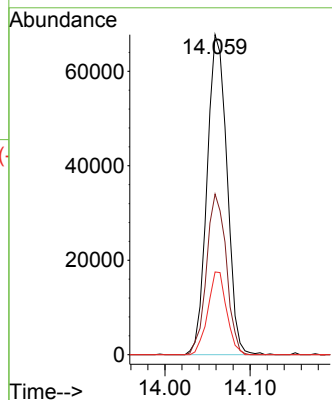
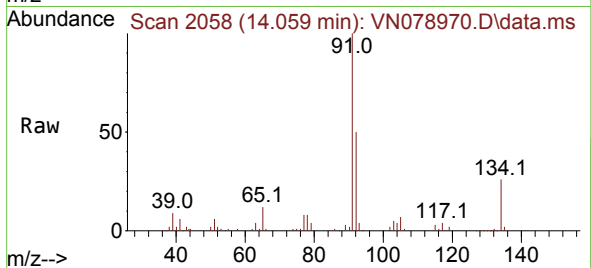
Tgt Ion: 91 Resp: 109869

Ion Ratio Lower Upper

91 100

92 49.9 26.4 79.0

134 24.5 12.6 37.6



#90

Hexachloroethane

Concen: 17.738 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078970.D

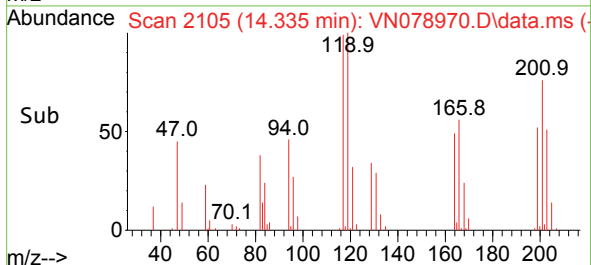
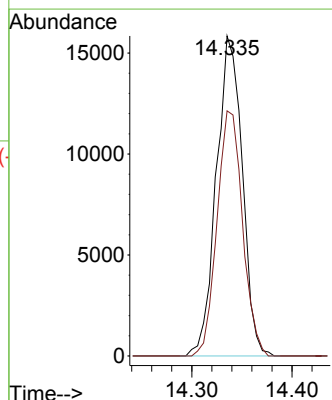
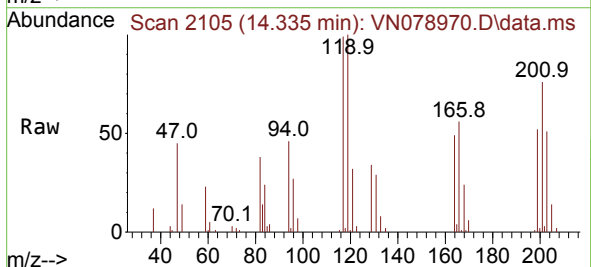
Acq: 21 Aug 2023 13:19

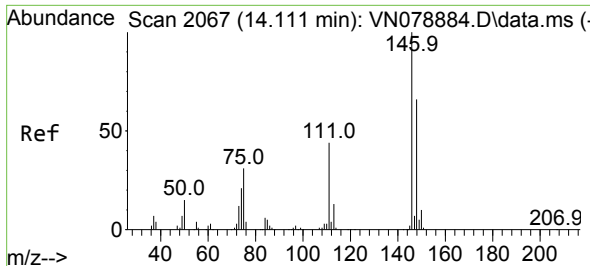
Tgt Ion: 117 Resp: 28396

Ion Ratio Lower Upper

117 100

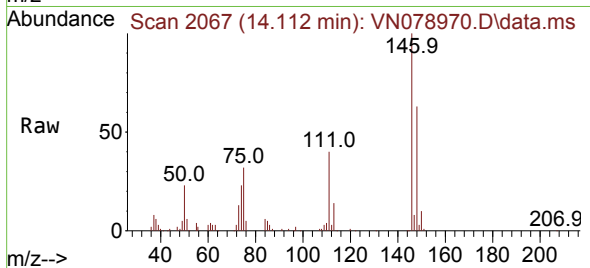
201 75.4 29.3 88.0



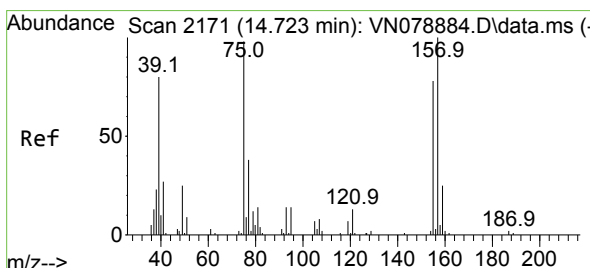
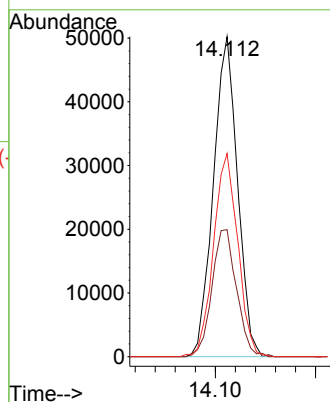
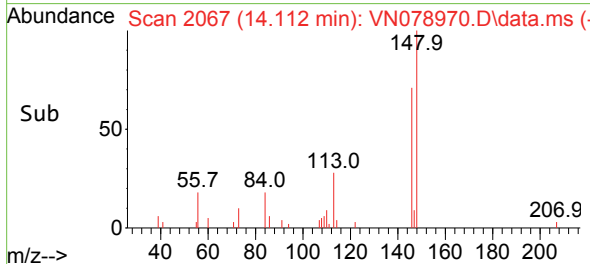


#91
 1,2-Dichlorobenzene
 Concen: 18.684 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19

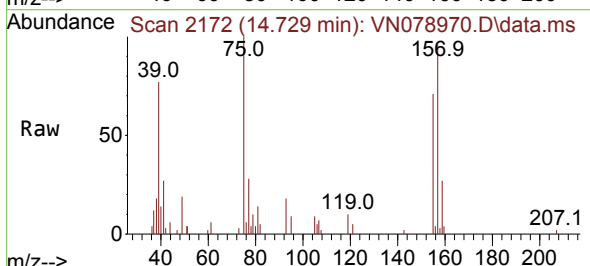
Instrument :
 MSVOA_N
 ClientSampleId :



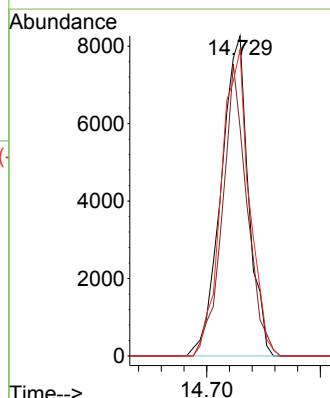
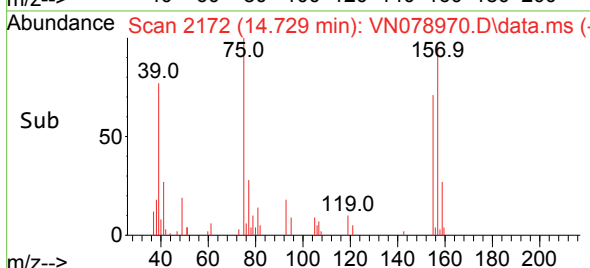
Tgt Ion:146 Resp: 83836
 Ion Ratio Lower Upper
 146 100
 111 40.4 22.0 66.0
 148 63.8 31.8 95.3

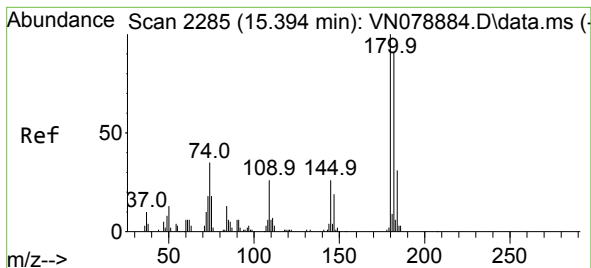


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.518 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078970.D
 Acq: 21 Aug 2023 13:19



Tgt Ion: 75 Resp: 13840
 Ion Ratio Lower Upper
 75 100
 155 82.2 39.1 117.2
 157 98.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.035 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

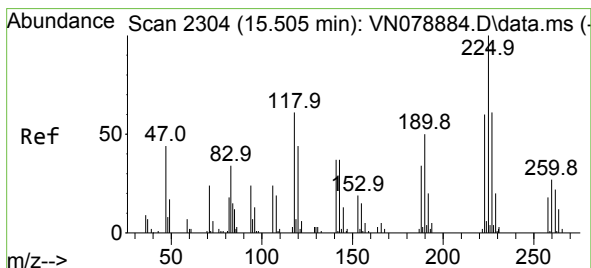
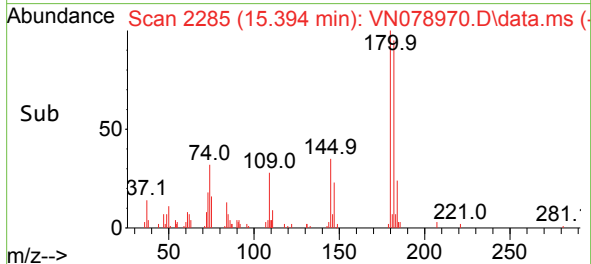
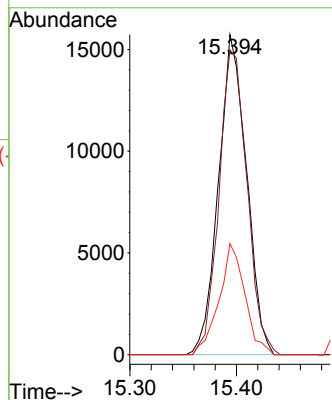
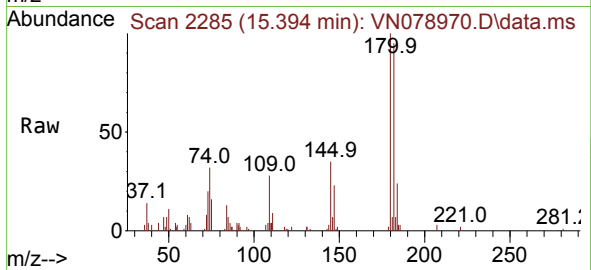
Tgt Ion:180 Resp: 28687

Ion Ratio Lower Upper

180 100

182 95.1 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.584 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078970.D

Acq: 21 Aug 2023 13:19

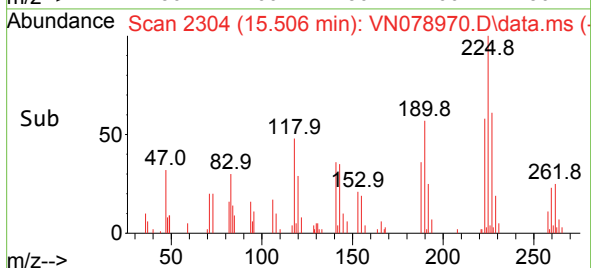
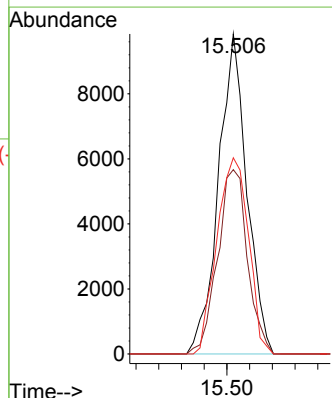
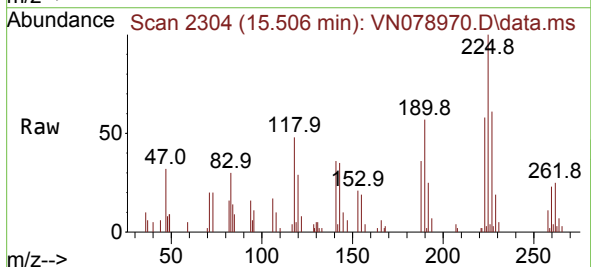
Tgt Ion:225 Resp: 17062

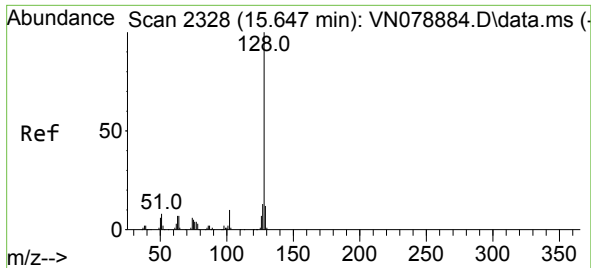
Ion Ratio Lower Upper

225 100

223 60.6 31.3 93.8

227 68.4 31.9 95.9

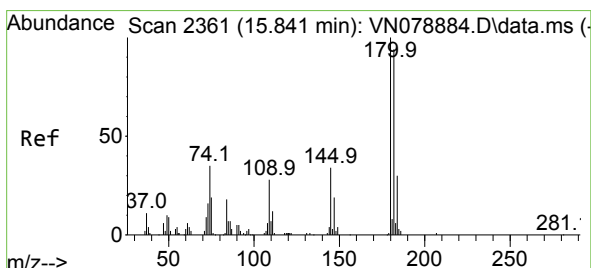
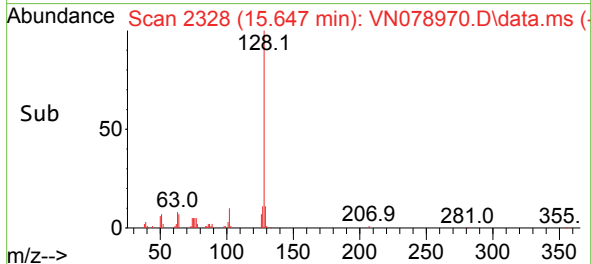
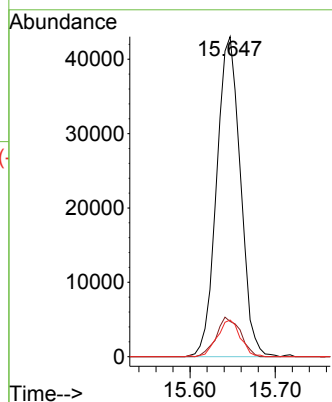
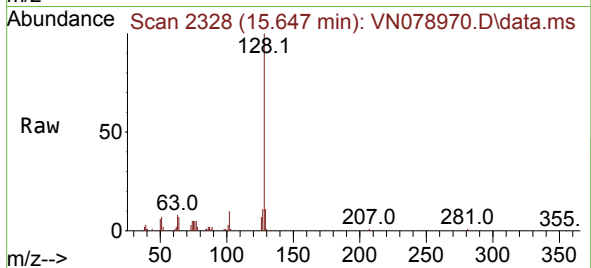




#95
Naphthalene
Concen: 15.713 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 83508
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.826 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078970.D
Acq: 21 Aug 2023 13:19

Tgt Ion:180 Resp: 31056
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 33.8 17.5 52.6

