

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079989.D
 Acq On : 08 Nov 2023 13:33
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 03:45:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 08 15:03:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	79904	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	447250	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	409707	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	202161	30.140	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.467%	
60) 4-Bromofluorobenzene	12.853	95	196314	29.963	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.867%	
63) Toluene-d8	10.571	98	595840	30.693	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	109735	21.063	ug/l	99
3) Chloromethane	2.359	50	134535	20.498	ug/l	97
4) Vinyl Chloride	2.512	62	107771	19.650	ug/l	96
5) Bromomethane	2.959	94	58349	19.431	ug/l	94
6) Chloroethane	3.124	64	58369	18.265	ug/l #	86
7) Trichlorofluoromethane	3.501	101	158772	19.289	ug/l	99
8) Diethyl Ether	3.959	74	59581	20.164	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	90774	19.520	ug/l	96
10) 1,1-Dichloroethene	4.342	96	88407	21.489	ug/l	91
11) Methyl Iodide	4.589	142	112494	20.674	ug/l	95
12) Methyl Acetate	5.024	43	219113	20.543	ug/l	98
13) Acrolein	4.183	56	82097	91.104	ug/l	95
14) Acrylonitrile	5.724	53	259296	102.354	ug/l	99
15) Acetone	4.430	58	88449	103.401	ug/l	93
16) Carbon Disulfide	4.712	76	304213	21.656	ug/l	99
17) Allyl chloride	5.024	41	142628	19.841	ug/l	97
18) Methylene Chloride	5.277	84	109102	19.776	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	104262	20.446	ug/l	98
20) Diisopropyl ether	6.677	45	351360	20.915	ug/l	98
21) 1,1-Dichloroethane	6.571	63	206967	20.640	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	120805	20.415	ug/l	97
23) tert-Butyl Alcohol	5.524	59	70889	110.281	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	314813	20.783	ug/l	99
25) Chloroform	7.971	83	213306	20.607	ug/l	99
26) Cyclohexane	8.259	56	160838	20.389	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	156318	20.365	ug/l	98
30) 2-Butanone	7.483	43	371239	101.270	ug/l	99
31) 2,2-Dichloropropane	7.494	77	169017	20.372	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	176085	20.094	ug/l	100
33) Carbon Tetrachloride	8.365	117	155257	20.157	ug/l	99
34) Benzene	8.612	78	463397	20.322	ug/l	98
35) Methacrylonitrile	7.777	41	77297	20.112	ug/l	91
36) 1,2-Dichloroethane	8.671	62	167270	20.269	ug/l	99
37) Trichloroethene	9.353	130	110571	20.164	ug/l	97
38) Methylcyclohexane	9.606	83	144336	20.026	ug/l	99
39) 1,2-Dichloropropane	9.624	63	123023	20.384	ug/l	96
40) Dibromomethane	9.706	93	78341	20.081	ug/l	98
41) Bromodichloromethane	9.888	83	160765	19.897	ug/l	99
42) Vinyl Acetate	6.606	43	919309	100.961	ug/l	99

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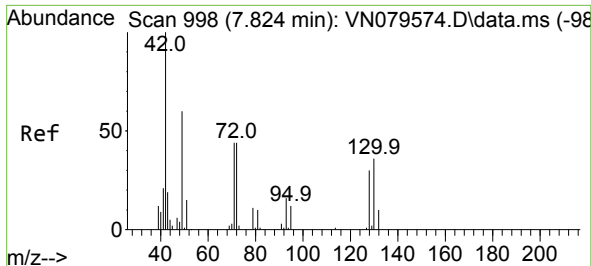
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 08 15:03:03 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	150197	21.811	ug/l	98
44) Isopropyl Acetate	8.694	43	225075	20.058	ug/l	94
45) 1,4-Dioxane	9.700	88	35549	411.096	ug/l	95
46) Methyl methacrylate	9.688	41	110243	20.438	ug/l	94
47) n-amyl Acetate	12.494	43	181877	20.179	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	167178	20.260	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	186322	20.425	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	107658	20.230	ug/l	90
51) Ethyl methacrylate	10.877	69	155460	20.324	ug/l	92
52) 1,3-Dichloropropane	11.165	76	195549	20.554	ug/l	99
53) Dibromochloromethane	11.365	129	115560	20.298	ug/l	99
54) 1,2-Dibromoethane	11.471	107	107036	20.030	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	363212	103.244	ug/l	99
56) Bromoform	12.582	173	75271	20.177	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	707728	103.396	ug/l	97
59) 2-Hexanone	11.200	43	546858	104.879	ug/l	99
61) Tetrachloroethene	11.106	164	96962	20.186	ug/l	94
62) Toluene	10.635	91	481820	20.333	ug/l	100
64) Chlorobenzene	11.894	112	287594	20.337	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.965	131	106615	20.553	ug/l	96
66) Ethyl Benzene	11.965	91	505939	20.318	ug/l	99
67) m/p-Xylenes	12.076	106	388011	41.854	ug/l	97
68) o-Xylene	12.400	106	181093	20.380	ug/l	98
69) Styrene	12.412	104	304211	20.681	ug/l	99
70) Isopropylbenzene	12.700	105	451833	20.385	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	154205	20.426	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	193176	19.976	ug/l	75
73) Bromobenzene	12.982	156	108836	19.973	ug/l	93
74) n-propylbenzene	13.041	91	539532	20.348	ug/l	99
75) 2-Chlorotoluene	13.129	91	341483	20.262	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	376484	20.536	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	45013	19.598	ug/l	98
78) 4-Chlorotoluene	13.223	91	337118	20.140	ug/l	99
79) tert-butylbenzene	13.441	119	292301	20.359	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	367814	20.461	ug/l	100
81) sec-Butylbenzene	13.618	105	411314	20.295	ug/l	98
82) p-Isopropyltoluene	13.735	119	336778	20.462	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	204103	20.556	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	195571	20.067	ug/l	98
85) n-Butylbenzene	14.059	91	273211	19.847	ug/l	98
86) Hexachloroethane	14.335	117	63249	19.762	ug/l	96
87) 1,2-Dichlorobenzene	14.112	146	193167	20.364	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	28254	20.466	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	90195	20.524	ug/l	98
90) Hexachlorobutadiene	15.506	225	43597	20.130	ug/l	98
91) Naphthalene	15.647	128	288995	20.492	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	90195	20.524	ug/l	98

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

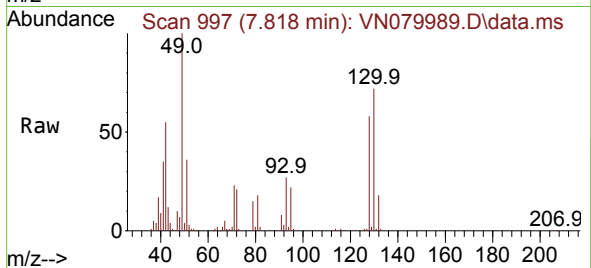
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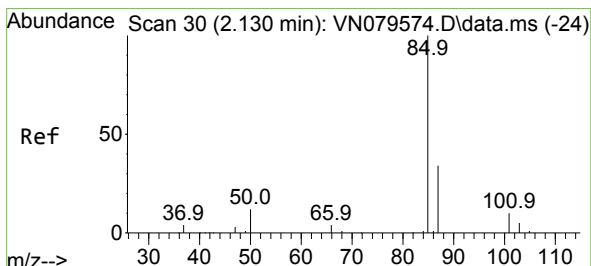
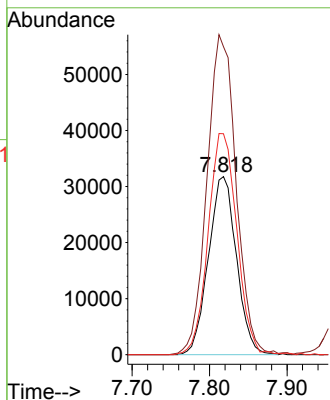
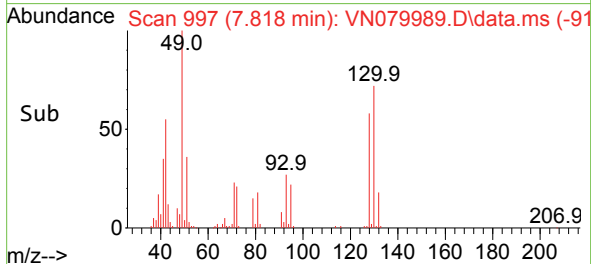


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
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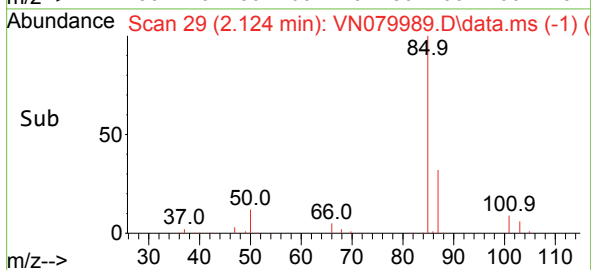
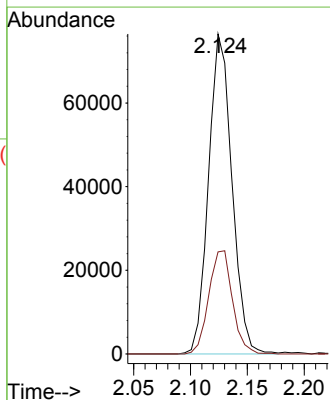
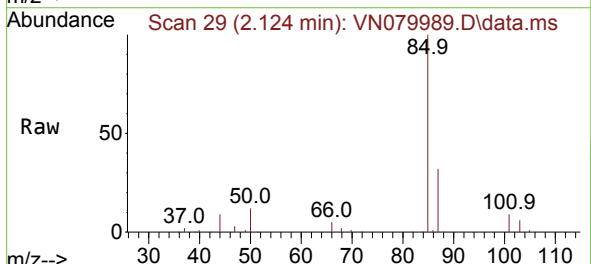


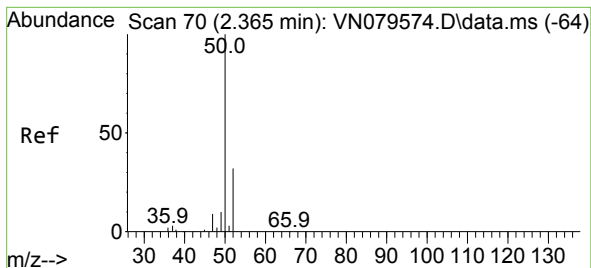
Tgt Ion:128 Resp: 79904
Ion Ratio Lower Upper
128 100
49 186.0 0.0 468.5
130 126.6 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 21.063 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 85 Resp: 109735
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7





#3

Chloromethane

Concen: 20.498 ug/l

RT: 2.359 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

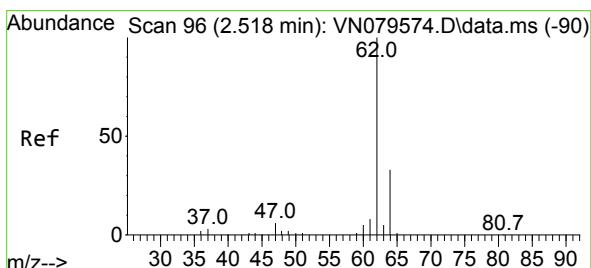
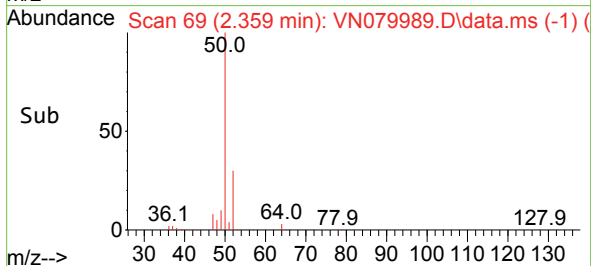
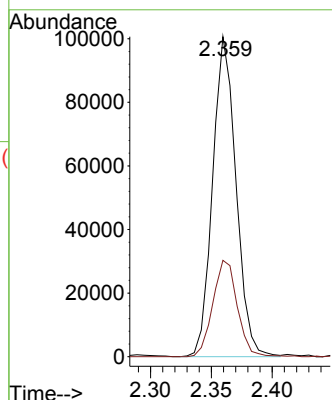
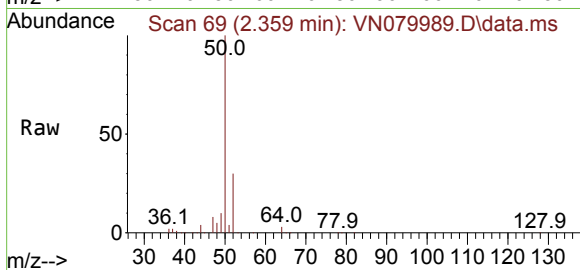
ClientSampleId :

Tgt Ion: 50 Resp: 134535

Ion Ratio Lower Upper

50 100

52 30.1 25.6 38.4



#4

Vinyl Chloride

Concen: 19.650 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079989.D

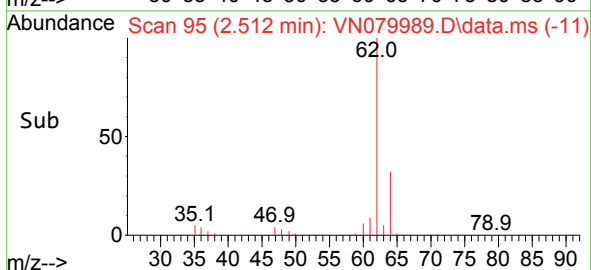
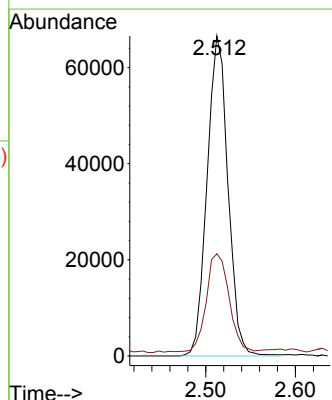
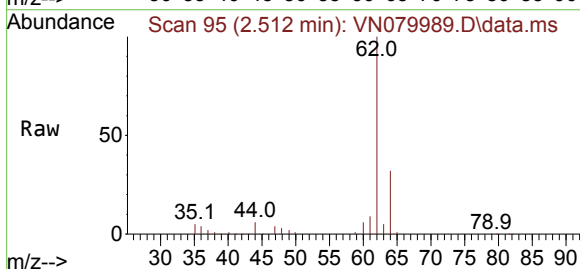
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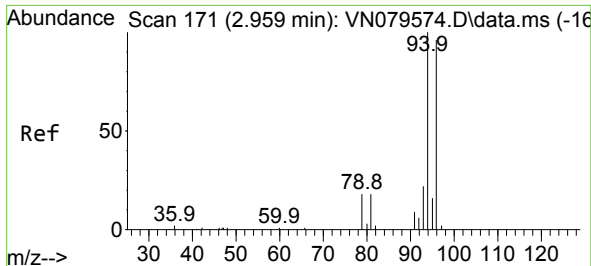
Tgt Ion: 62 Resp: 107771

Ion Ratio Lower Upper

62 100

64 30.6 26.4 39.6

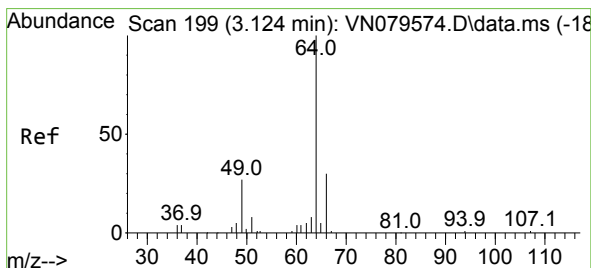
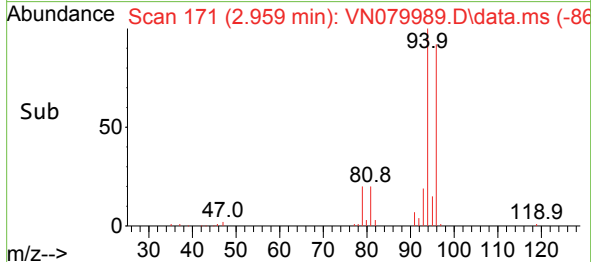
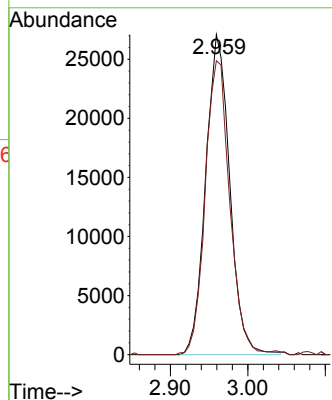
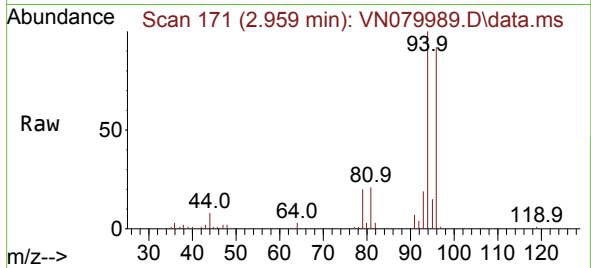




#5
Bromomethane
Concen: 19.431 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

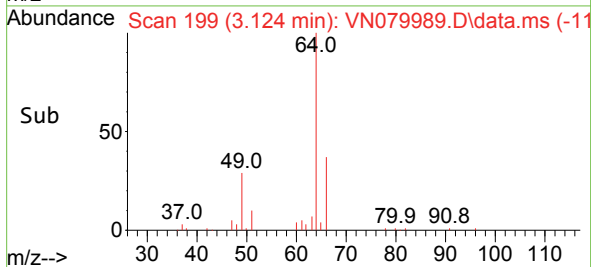
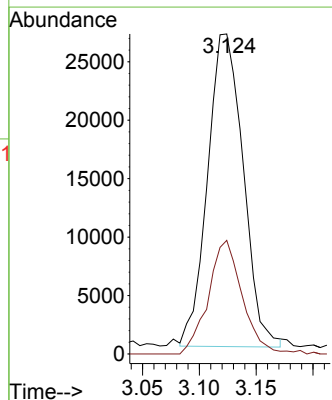
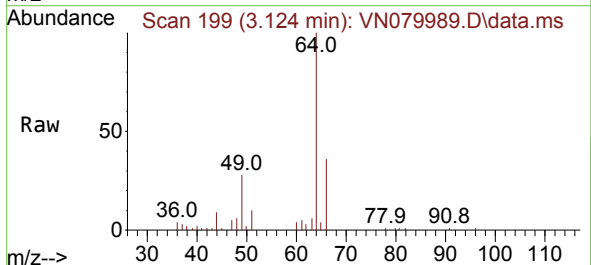
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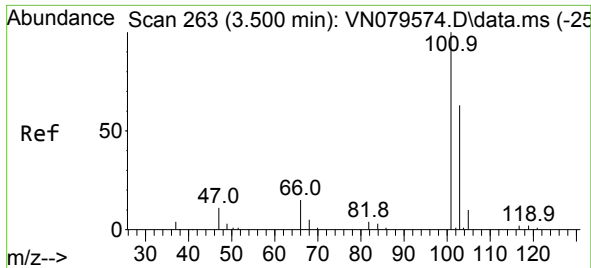
Tgt Ion: 94 Resp: 58349
Ion Ratio Lower Upper
94 100
96 91.2 77.8 116.6



#6
Chloroethane
Concen: 18.265 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 64 Resp: 58369
Ion Ratio Lower Upper
64 100
66 36.8 23.3 34.9#

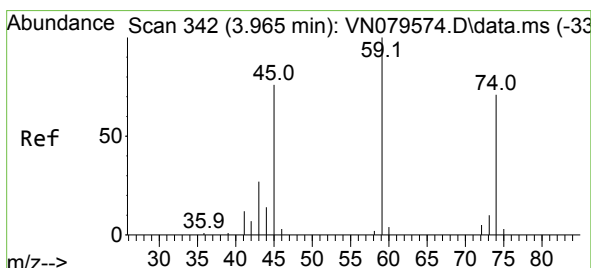
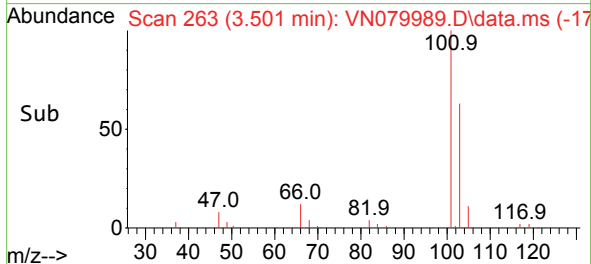
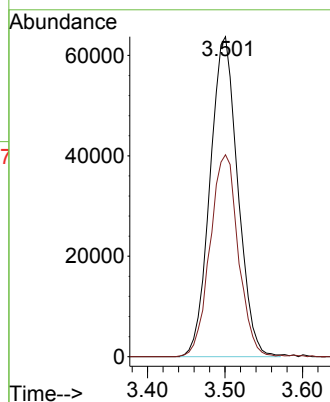
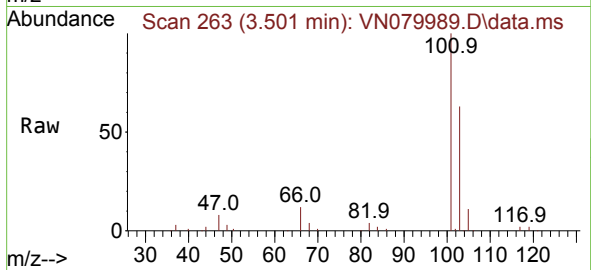




#7
 Trichlorofluoromethane
 Concen: 19.289 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

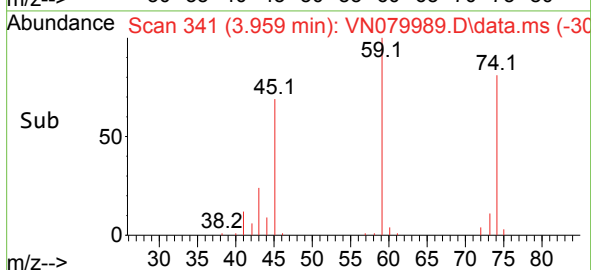
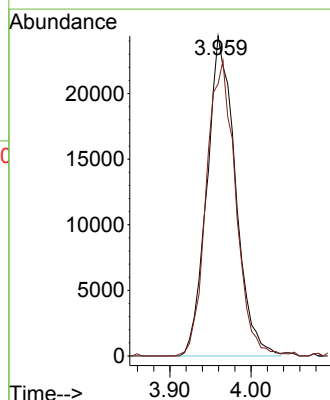
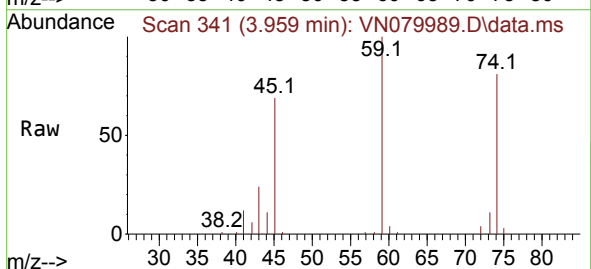
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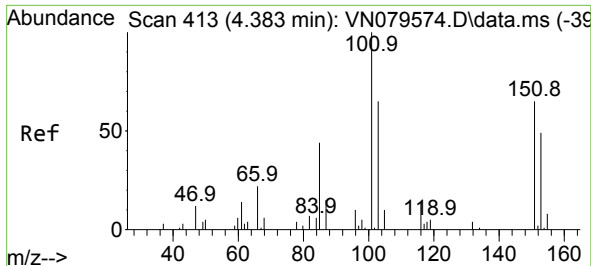
Tgt Ion:101 Resp: 158772
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.9 74.9



#8
 Diethyl Ether
 Concen: 20.164 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

Tgt Ion: 74 Resp: 59581
 Ion Ratio Lower Upper
 74 100
 45 94.4 19.0 171.0

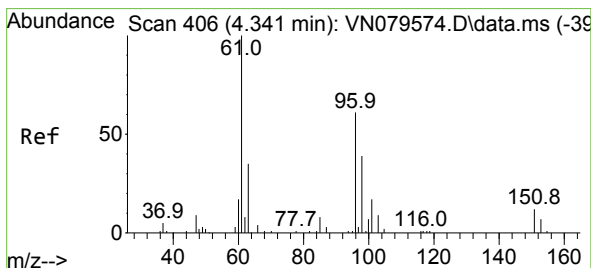
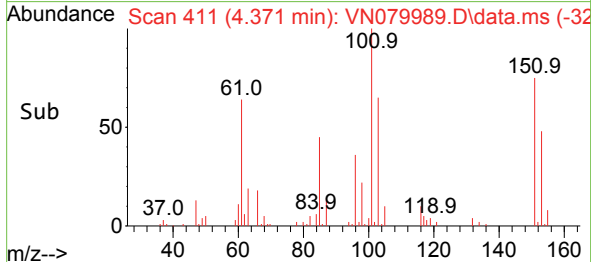
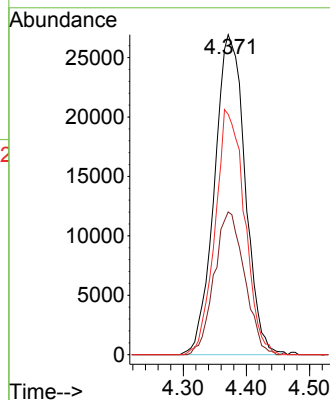
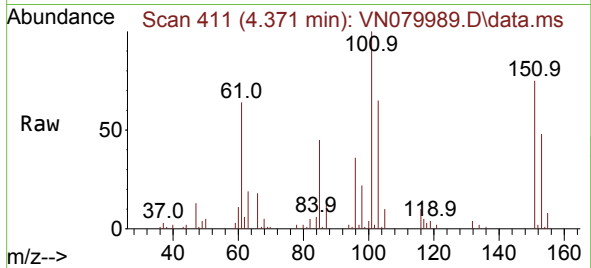




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.520 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

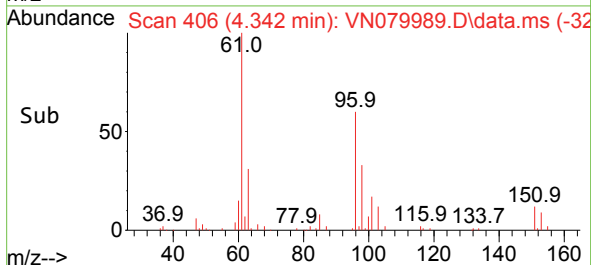
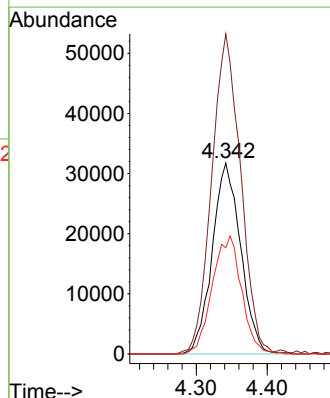
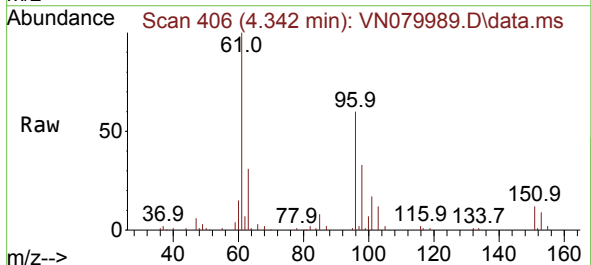
Instrument :
MSVOA_N
ClientSampleId :

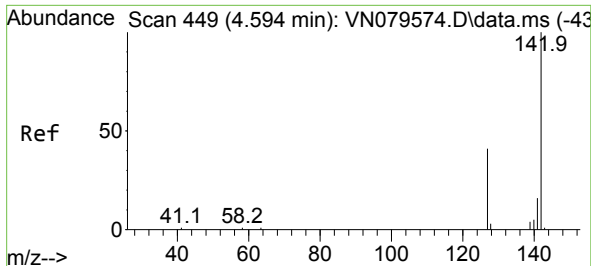
Tgt Ion:101 Resp: 90774
Ion Ratio Lower Upper
101 100
85 44.1 0.0 92.0
151 73.7 0.0 138.4



#10
1,1-Dichloroethene
Concen: 21.489 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

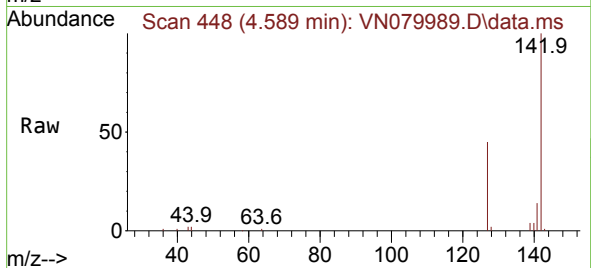
Tgt Ion: 96 Resp: 88407
Ion Ratio Lower Upper
96 100
61 166.9 141.3 211.9
98 55.7 53.2 79.8



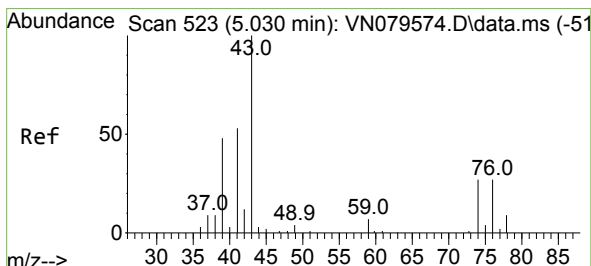
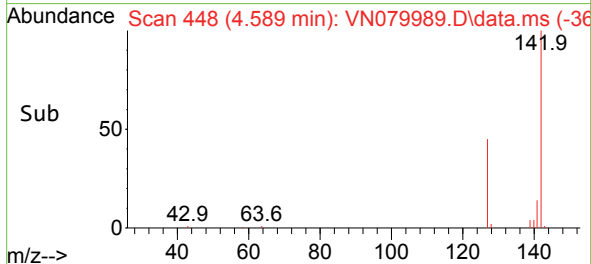
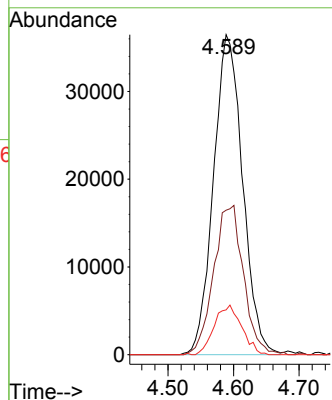


#11
Methyl Iodide
Concen: 20.674 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :

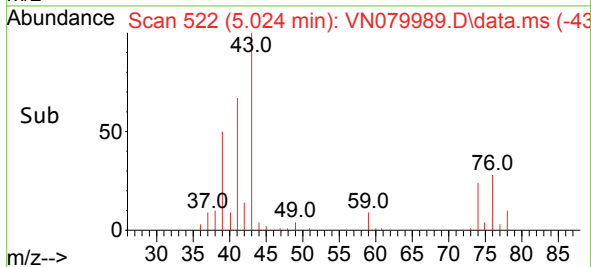
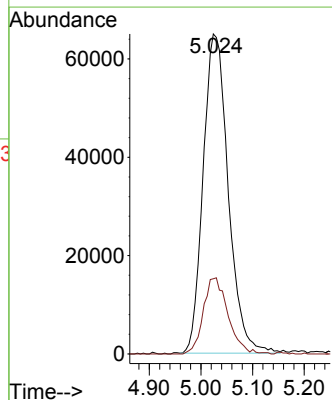
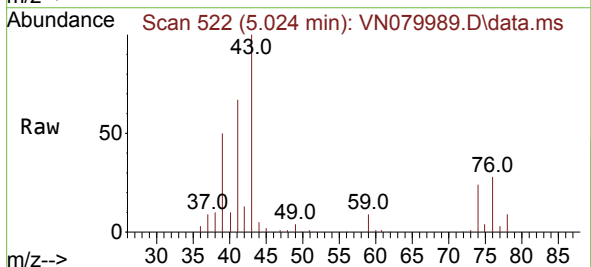


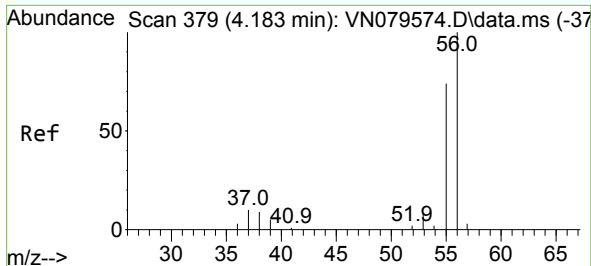
Tgt Ion:142 Resp: 112494
Ion Ratio Lower Upper
142 100
127 45.0 24.6 73.8
141 14.1 7.7 23.1



#12
Methyl Acetate
Concen: 20.543 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 43 Resp: 219113
Ion Ratio Lower Upper
43 100
74 23.3 18.1 27.1

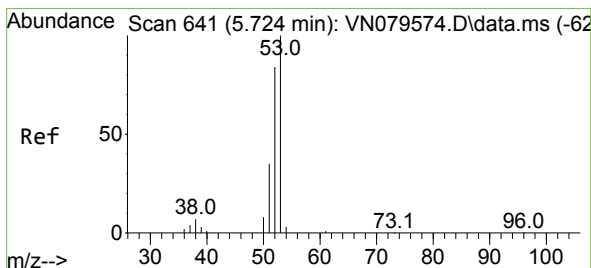
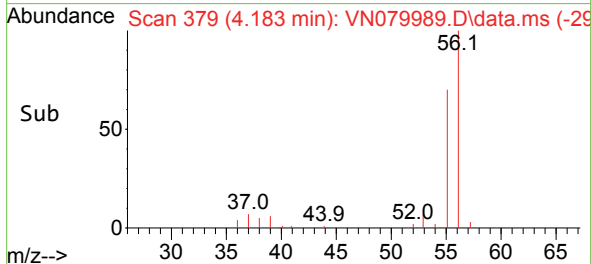
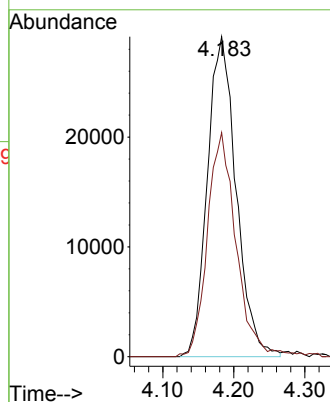
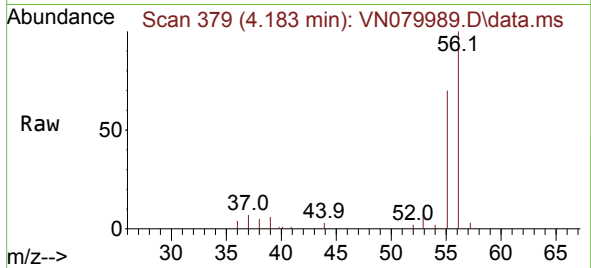




#13
Acrolein
Concen: 91.104 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

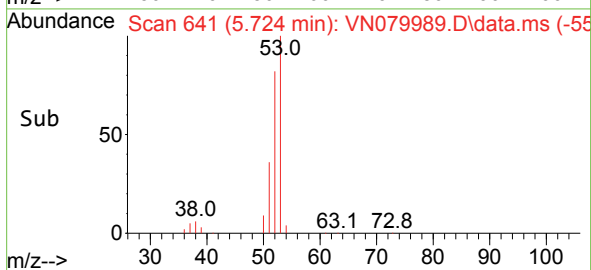
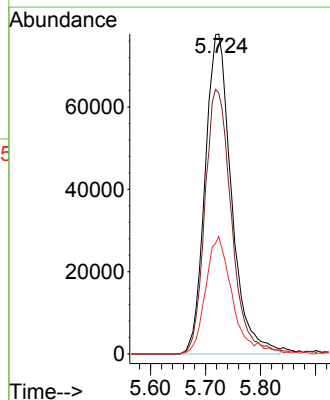
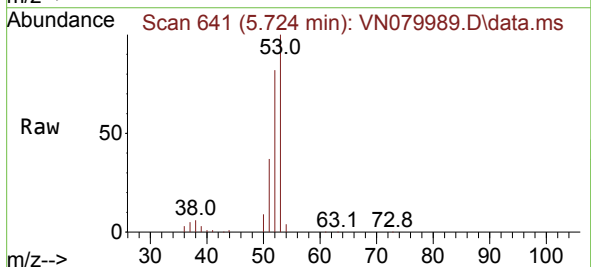
Instrument :
MSVOA_N
ClientSampleId :

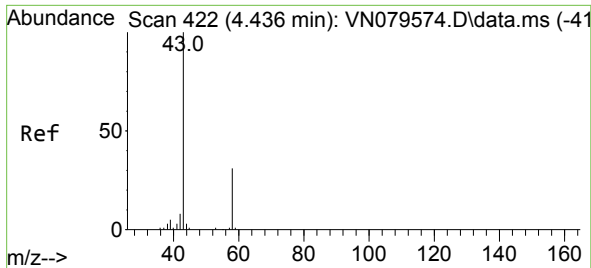
Tgt Ion: 56 Resp: 82097
Ion Ratio Lower Upper
56 100
55 67.0 57.1 85.7



#14
Acrylonitrile
Concen: 102.354 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

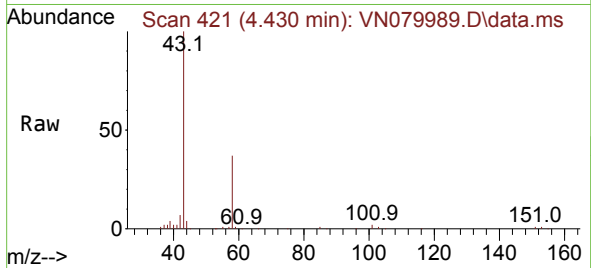
Tgt Ion: 53 Resp: 259296
Ion Ratio Lower Upper
53 100
52 82.1 41.6 124.9
51 35.7 17.8 53.3



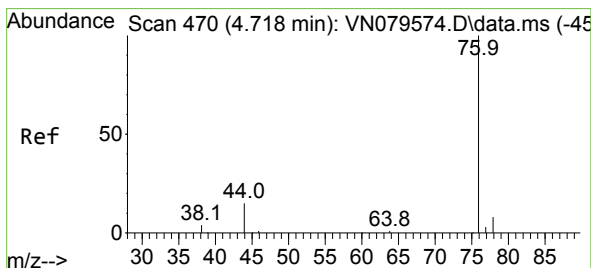
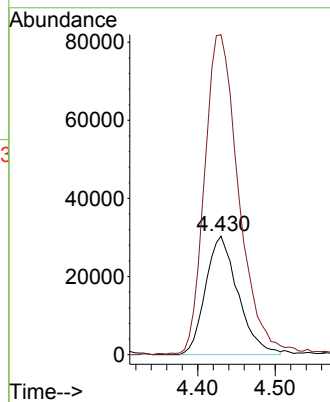
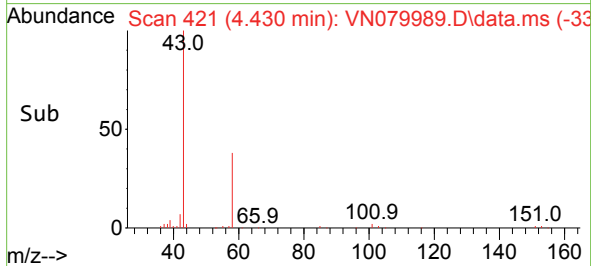


#15
Acetone
Concen: 103.401 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :

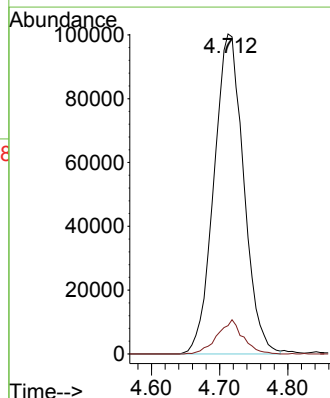
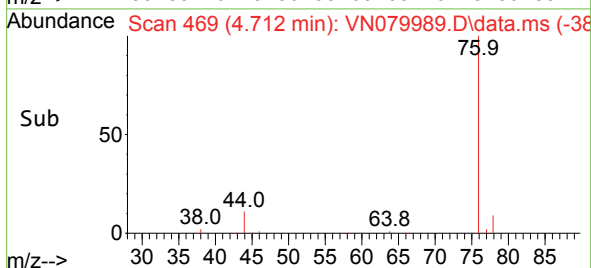
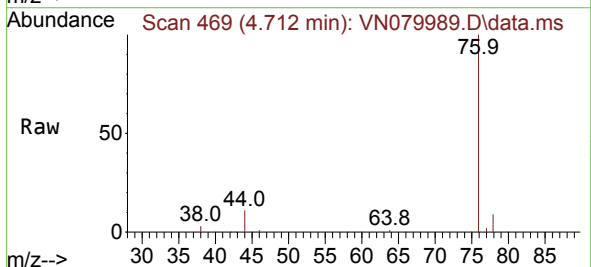


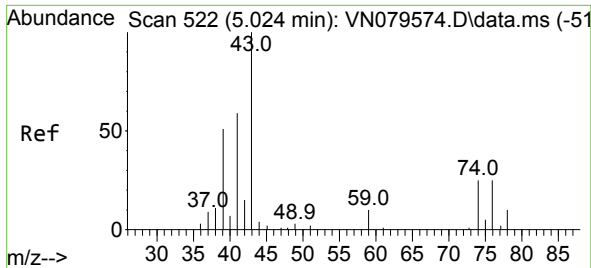
Tgt Ion: 58 Resp: 88449
Ion Ratio Lower Upper
58 100
43 268.4 225.2 337.8



#16
Carbon Disulfide
Concen: 21.656 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

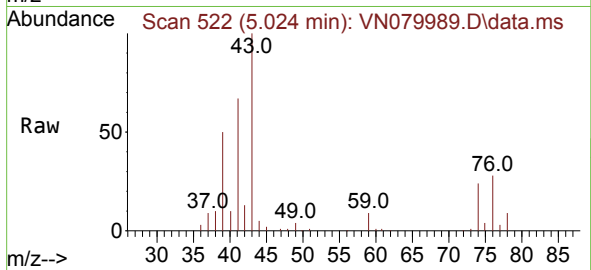
Tgt Ion: 76 Resp: 304213
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



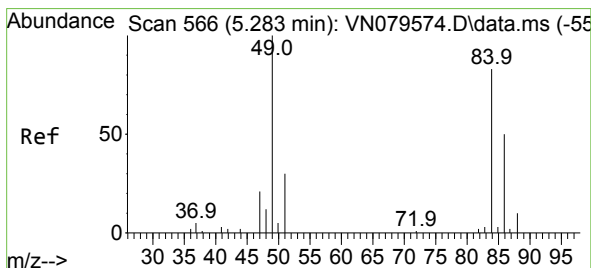
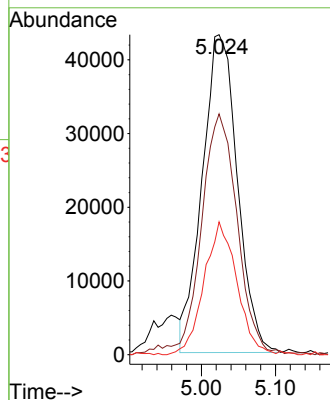
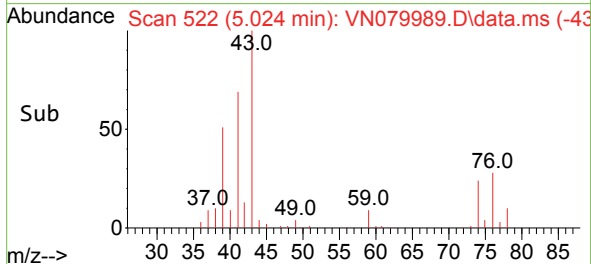


#17
 Allyl chloride
 Concen: 19.841 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

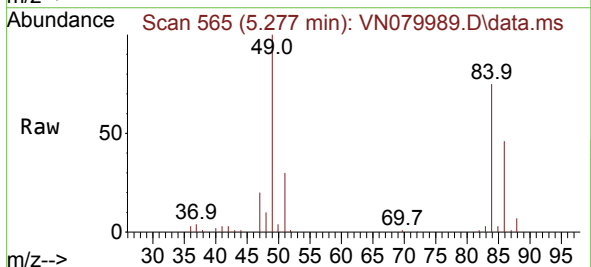
Instrument :
 MSVOA_N
 ClientSampleId :



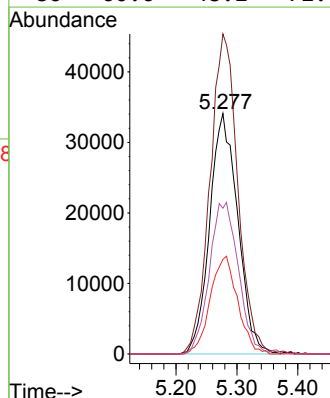
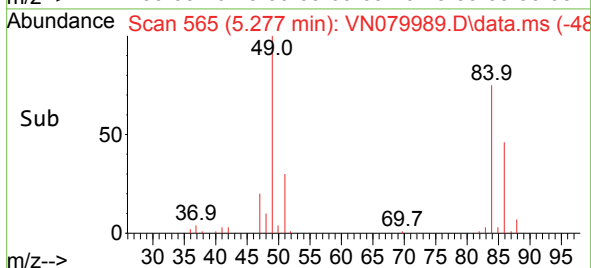
Tgt Ion: 41 Resp: 142628
 Ion Ratio Lower Upper
 41 100
 39 74.6 38.4 115.2
 76 40.8 19.5 58.5

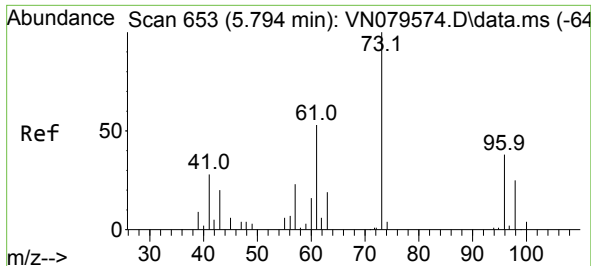


#18
 Methylene Chloride
 Concen: 19.776 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33



Tgt Ion: 84 Resp: 109102
 Ion Ratio Lower Upper
 84 100
 49 133.1 100.9 151.3
 51 39.3 29.4 44.2
 86 60.6 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 20.446 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

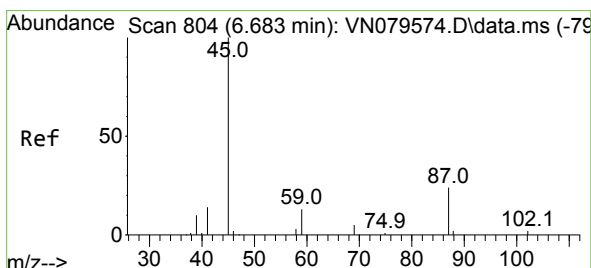
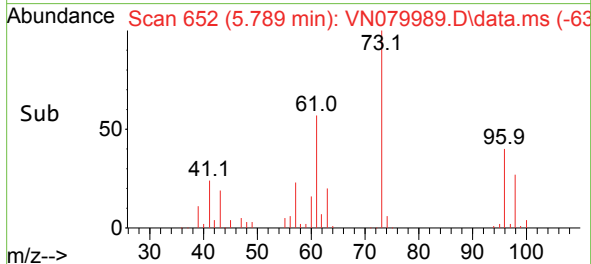
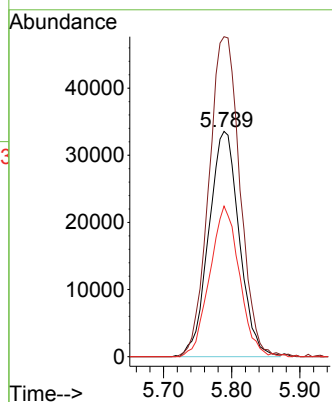
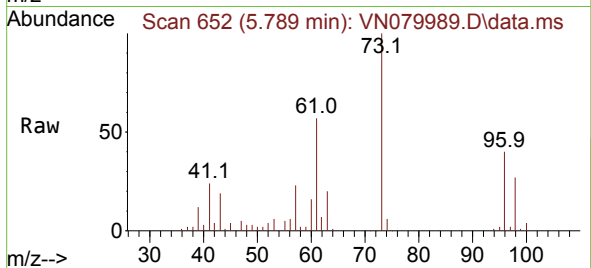
Tgt Ion: 96 Resp: 104262

Ion Ratio Lower Upper

96 100

61 141.2 113.4 170.0

98 66.8 50.4 75.6



#20

Diisopropyl ether

Concen: 20.915 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Tgt Ion: 45 Resp: 351360

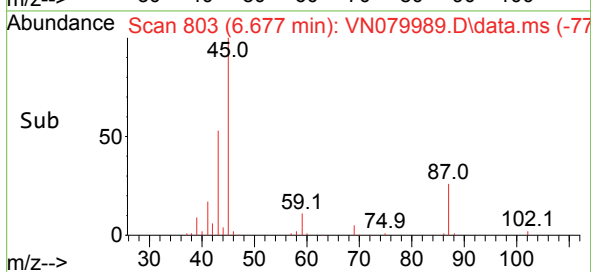
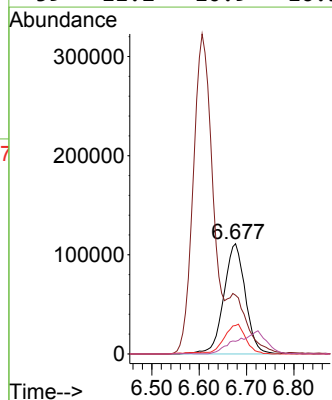
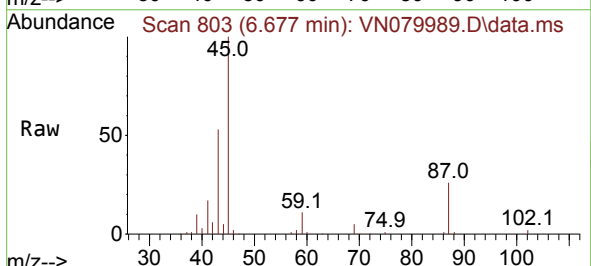
Ion Ratio Lower Upper

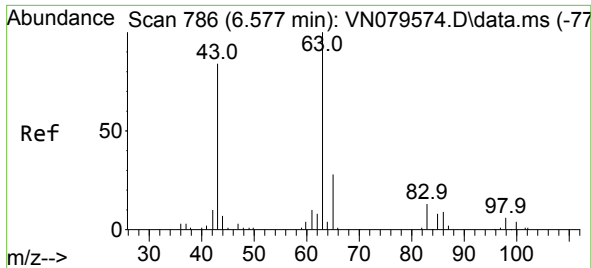
45 100

43 51.8 42.1 63.1

87 25.8 20.5 30.7

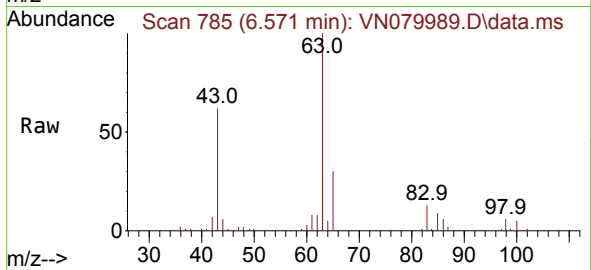
59 11.2 10.9 16.3



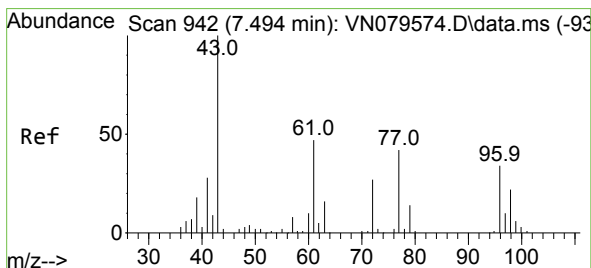
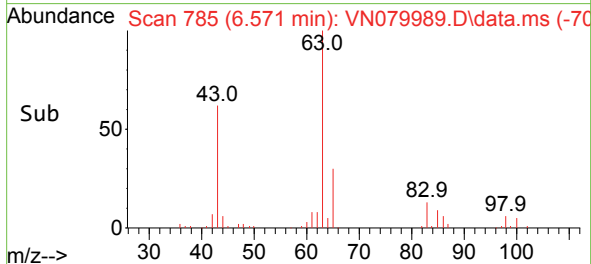
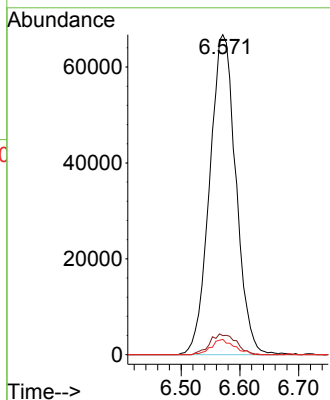


#21
1,1-Dichloroethane
Concen: 20.640 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :

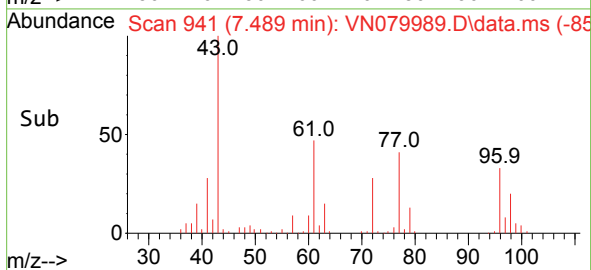
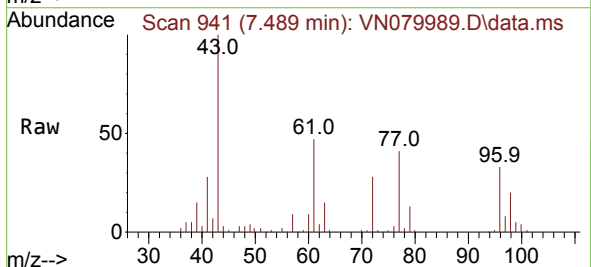
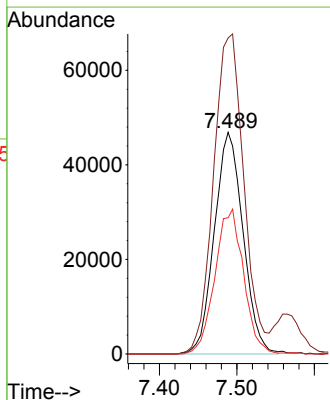


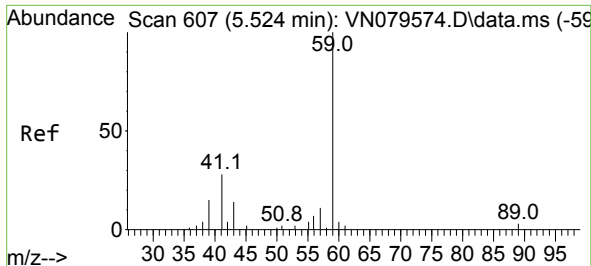
Tgt Ion: 63 Resp: 206967
Ion Ratio Lower Upper
63 100
98 5.9 2.8 8.4
100 4.8 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 20.415 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

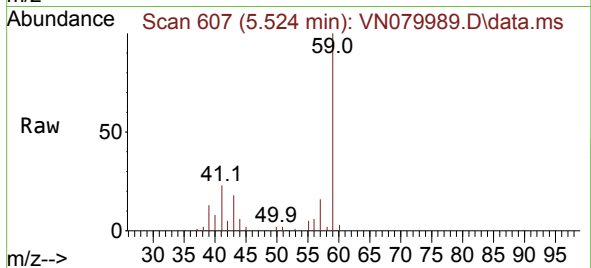
Tgt Ion: 96 Resp: 120805
Ion Ratio Lower Upper
96 100
61 152.8 124.6 186.8
98 65.2 54.2 81.4



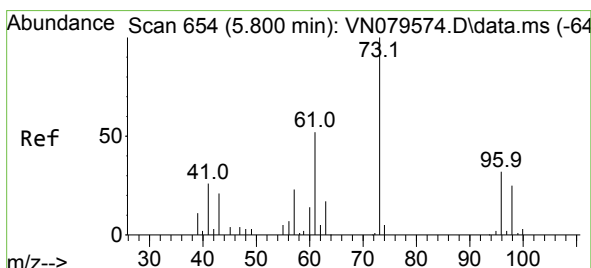
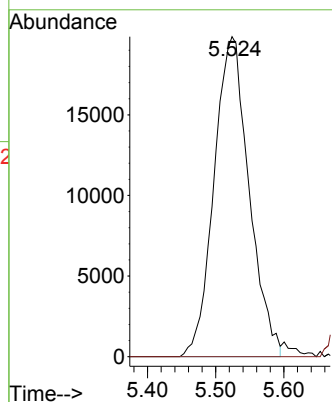


#23
tert-Butyl Alcohol
Concen: 110.281 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :

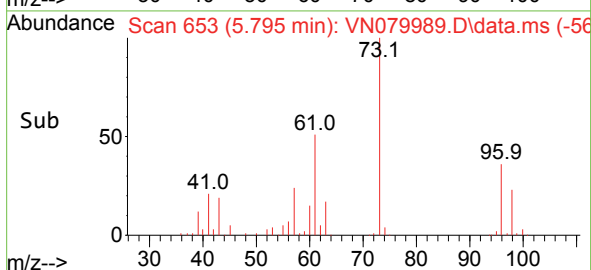
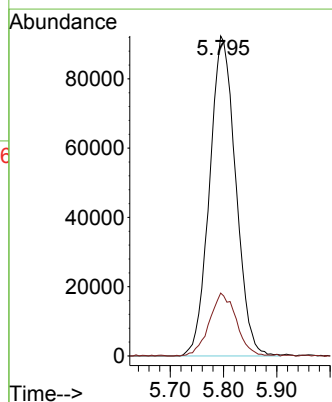
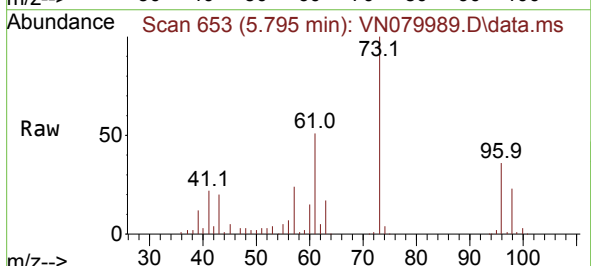


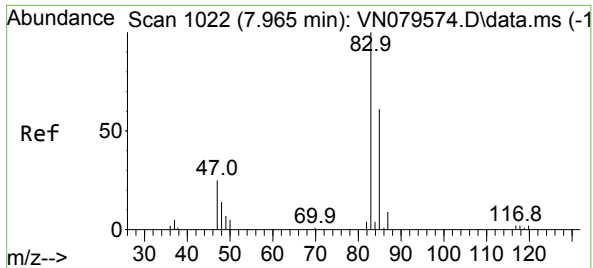
Tgt Ion: 59 Resp: 70889
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.783 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 73 Resp: 314813
Ion Ratio Lower Upper
73 100
43 20.3 16.6 24.8





#25

Chloroform

Concen: 20.607 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

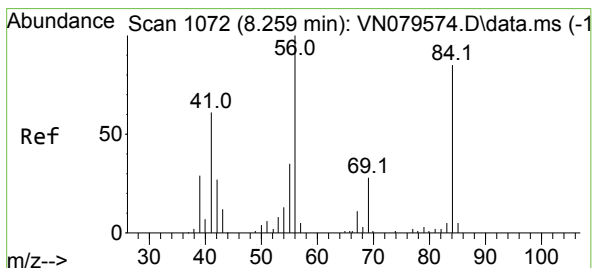
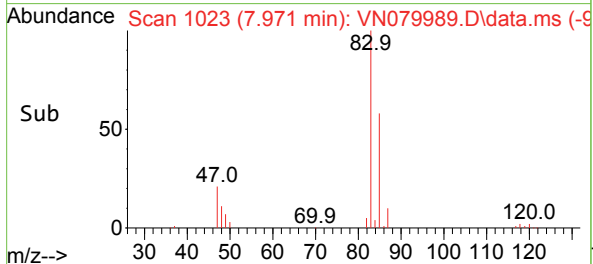
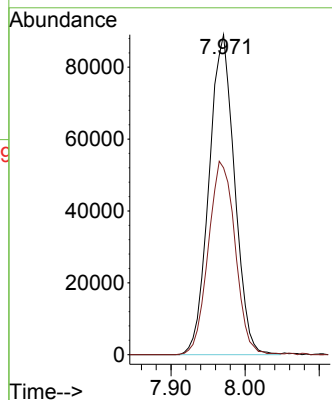
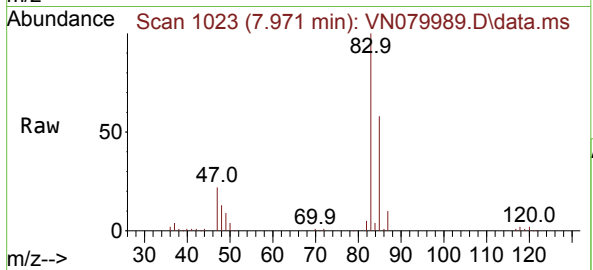
ClientSampleId :

Tgt Ion: 83 Resp: 213306

Ion Ratio Lower Upper

83 100

85 58.2 47.4 71.2



#26

Cyclohexane

Concen: 20.389 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

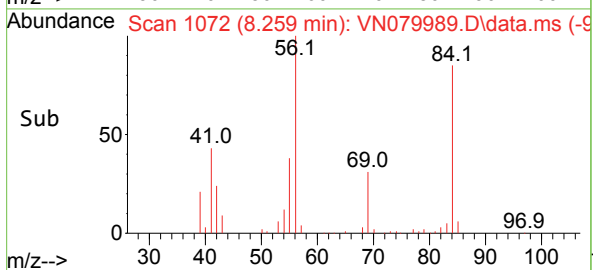
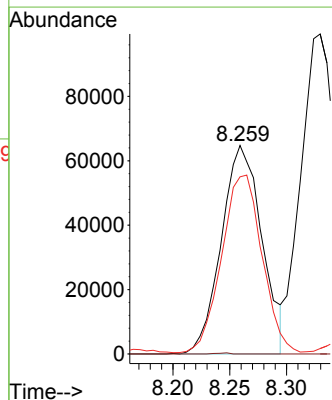
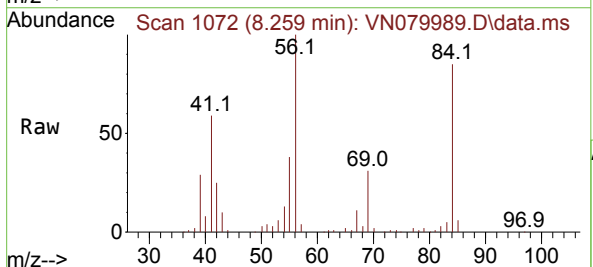
Tgt Ion: 56 Resp: 160838

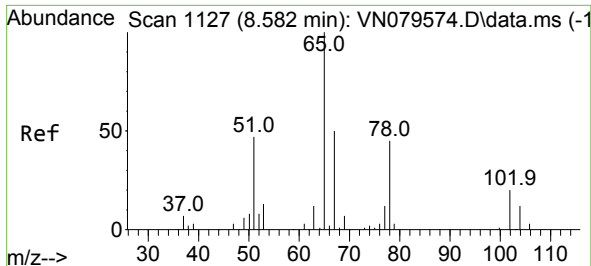
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 84.6 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.140 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

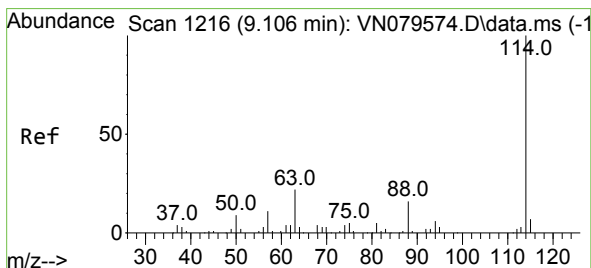
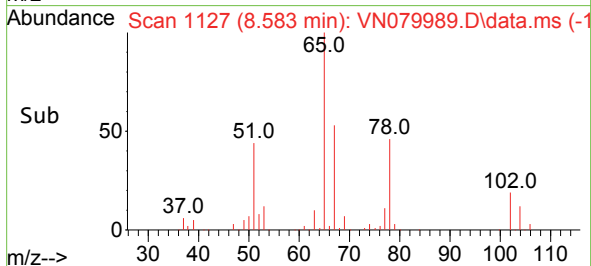
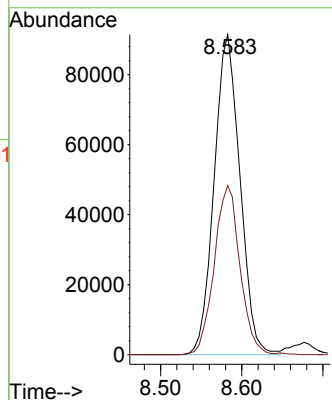
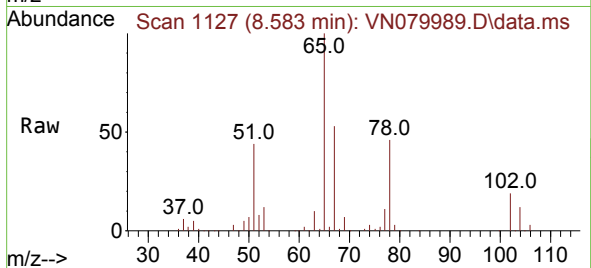
ClientSampleId :

Tgt Ion: 65 Resp: 202161

Ion Ratio Lower Upper

65 100

67 52.6 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

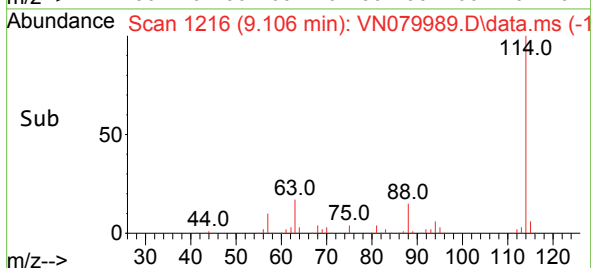
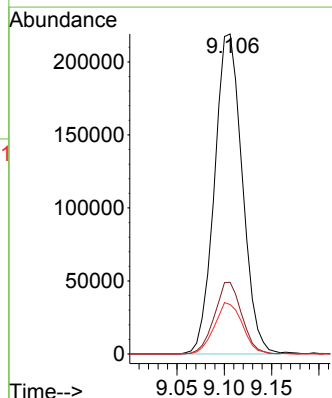
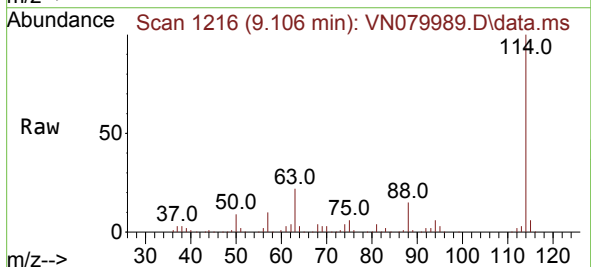
Tgt Ion: 114 Resp: 447250

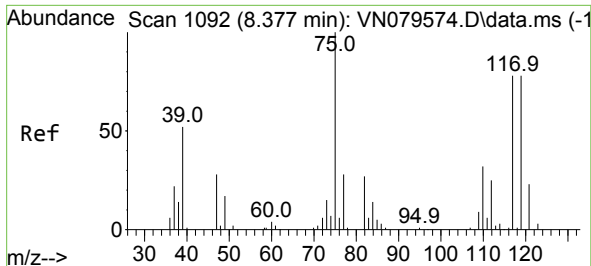
Ion Ratio Lower Upper

114 100

63 22.0 18.1 27.1

88 16.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 20.365 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

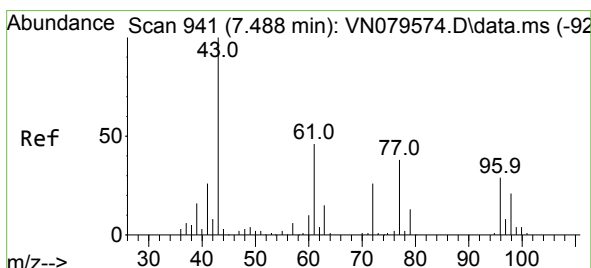
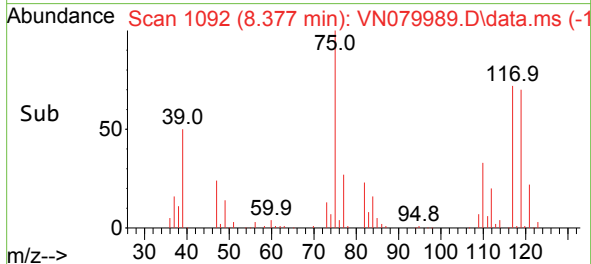
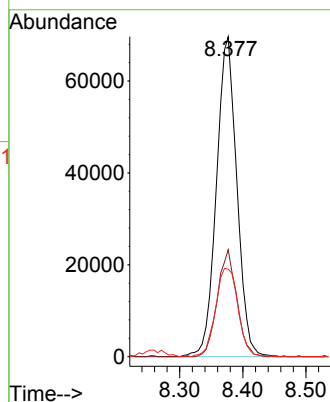
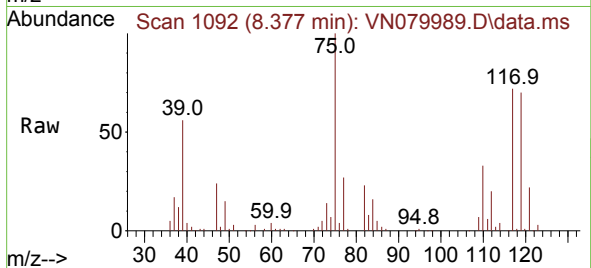
Tgt Ion: 75 Resp: 156318

Ion Ratio Lower Upper

75 100

110 31.7 0.0 66.8

77 30.4 0.0 61.2



#30

2-Butanone

Concen: 101.270 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

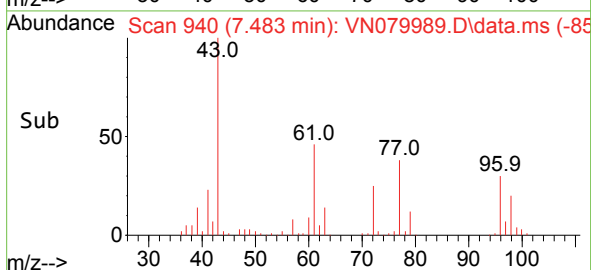
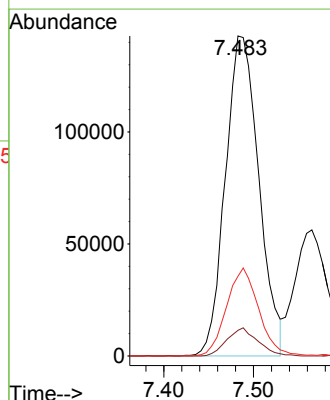
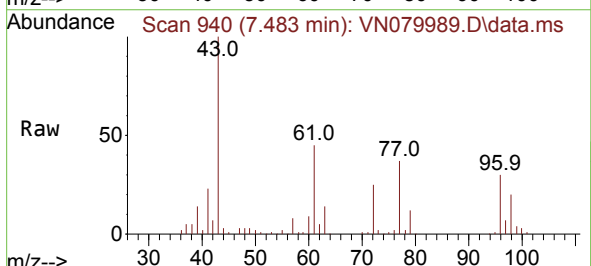
Tgt Ion: 43 Resp: 371239

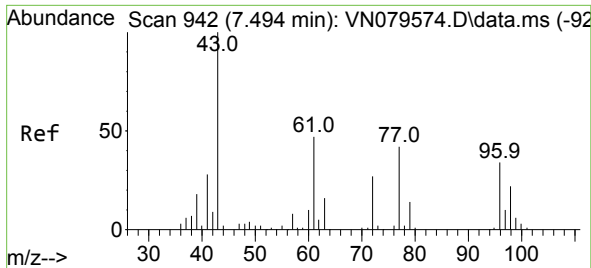
Ion Ratio Lower Upper

43 100

57 8.1 6.4 9.6

72 26.4 20.7 31.1

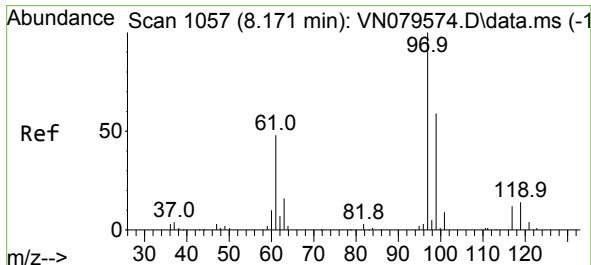
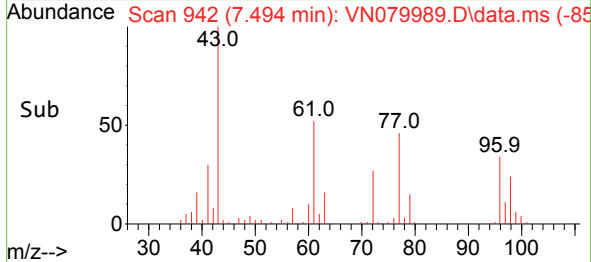
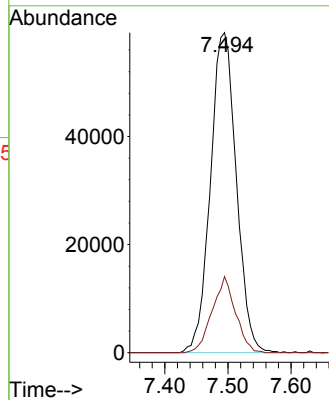
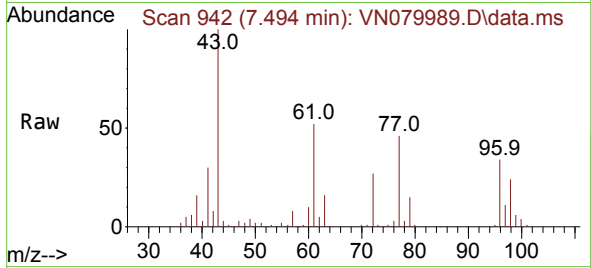




#31
2,2-Dichloropropane
Concen: 20.372 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

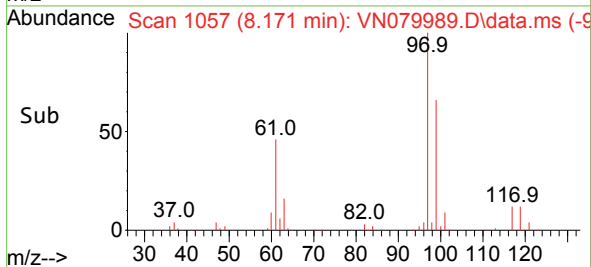
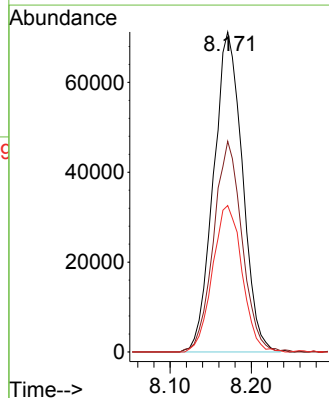
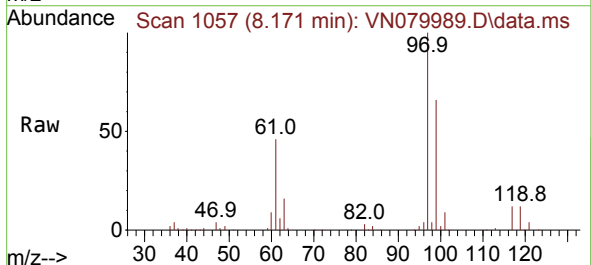
Instrument :
MSVOA_N
ClientSampleId :

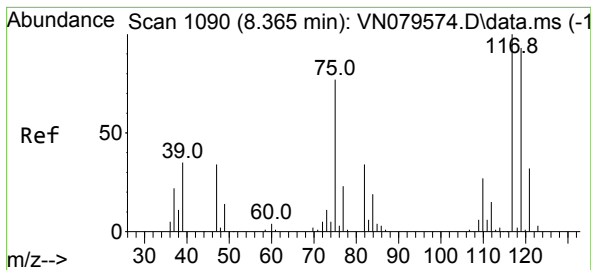
Tgt Ion: 77 Resp: 169017
Ion Ratio Lower Upper
77 100
97 21.4 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 20.094 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 97 Resp: 176085
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 46.8 37.6 56.4





#33

Carbon Tetrachloride

Concen: 20.157 ug/l

RT: 8.365 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

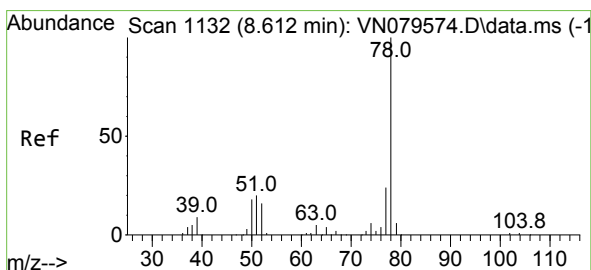
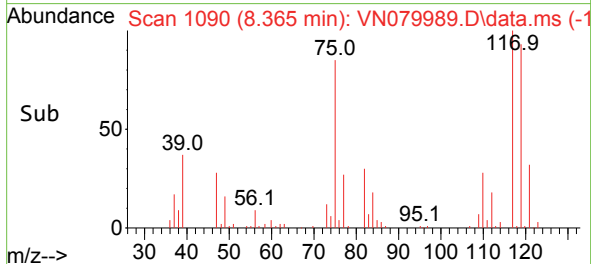
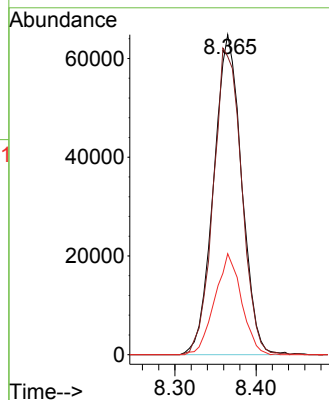
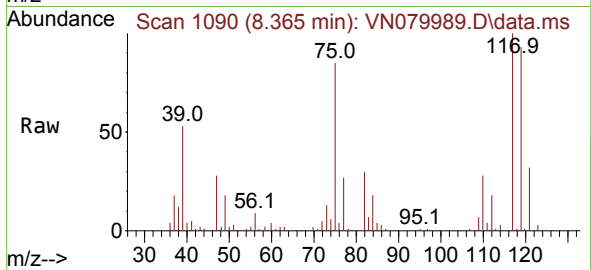
Tgt Ion:117 Resp: 155257

Ion Ratio Lower Upper

117 100

119 93.2 75.0 112.6

121 31.6 24.3 36.5



#34

Benzene

Concen: 20.322 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

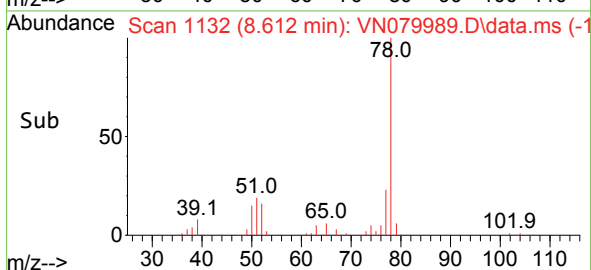
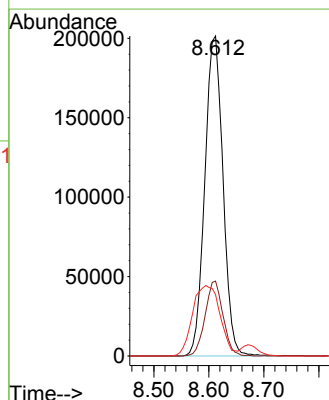
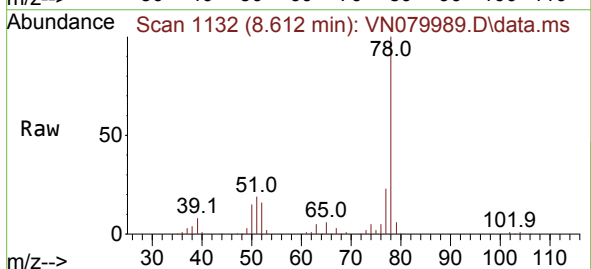
Tgt Ion: 78 Resp: 463397

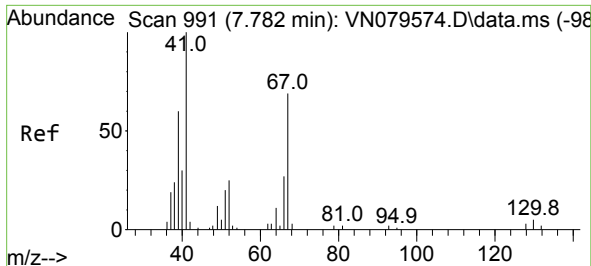
Ion Ratio Lower Upper

78 100

77 23.4 19.7 29.5

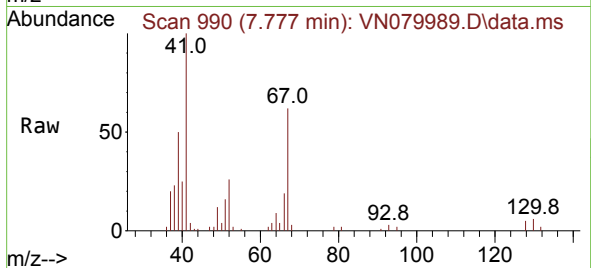
51 19.2 15.8 23.6



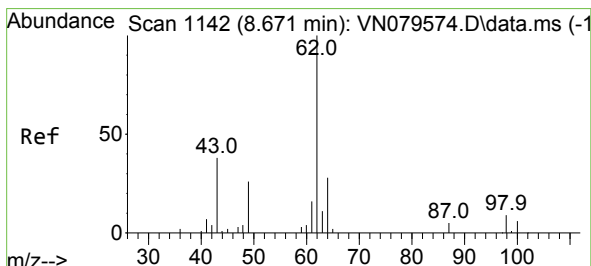
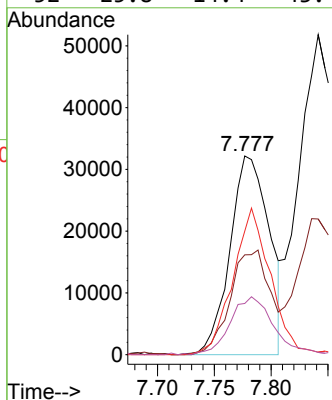
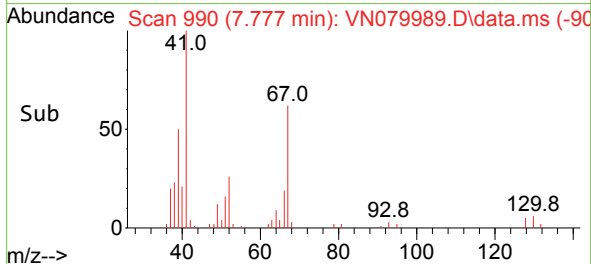


#35
Methacrylonitrile
Concen: 20.112 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :

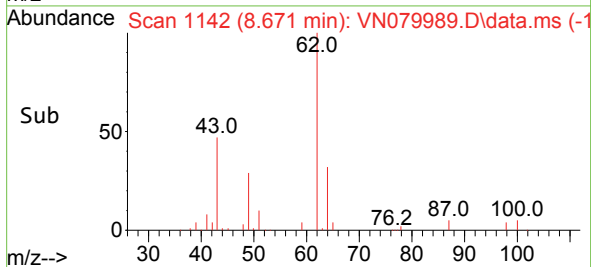
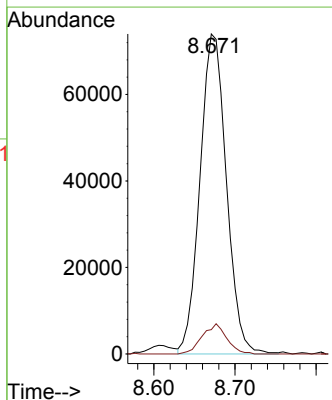
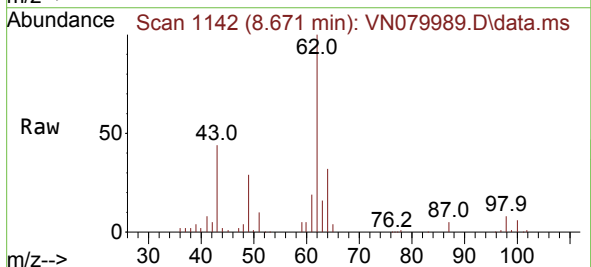


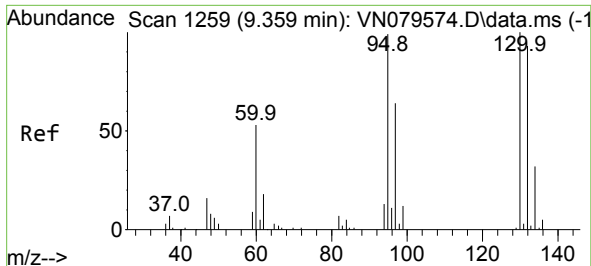
Tgt Ion:	41	Resp:	77297
Ion Ratio	100	Lower	Upper
39	50.3	26.3	78.8
67	62.2	37.5	112.3
52	25.8	14.4	43.4



#36
1,2-Dichloroethane
Concen: 20.269 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion:	62	Resp:	167270
Ion Ratio	100	Lower	Upper
98	8.7	7.2	10.8

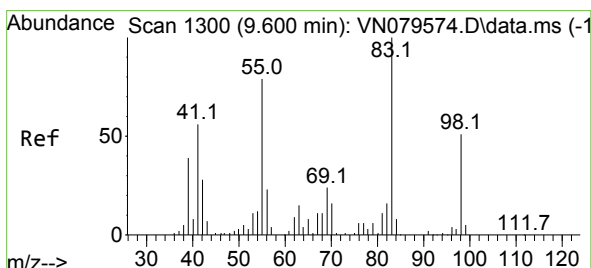
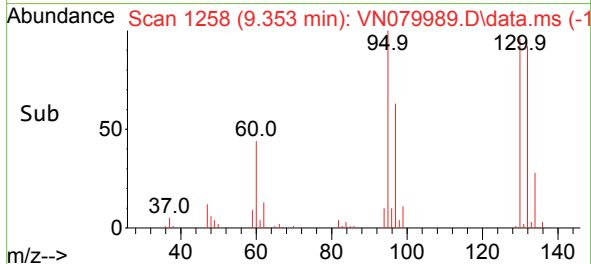
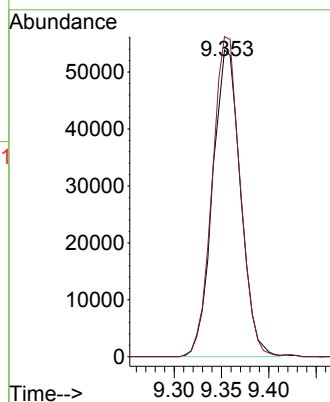
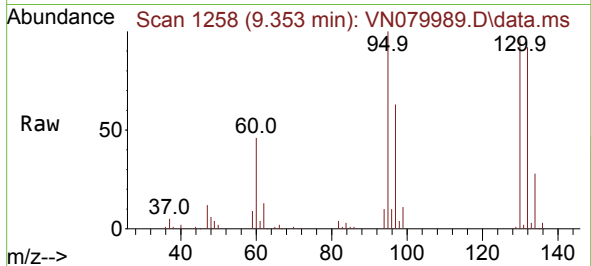




#37
Trichloroethene
Concen: 20.164 ug/l
RT: 9.353 min Scan# 110571
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

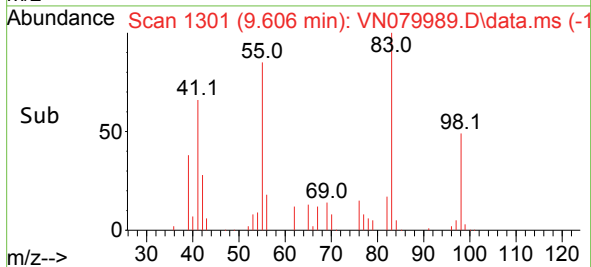
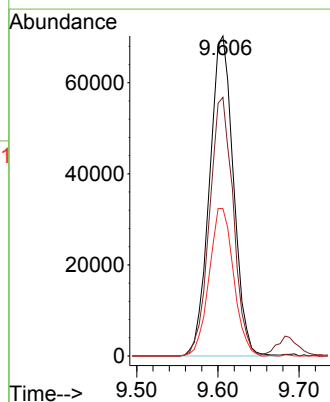
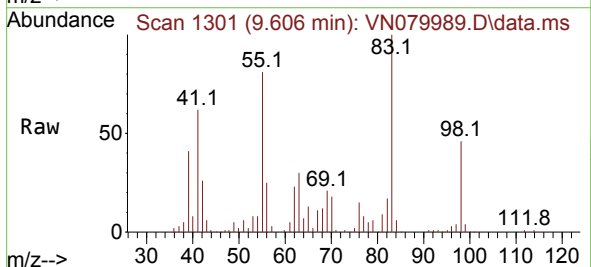
Instrument :
MSVOA_N
ClientSampleId :

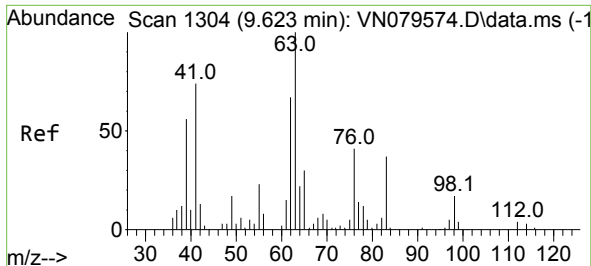
Tgt Ion:130 Resp: 110571
Ion Ratio Lower Upper
130 100
95 104.3 81.2 121.8



#38
Methylcyclohexane
Concen: 20.026 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 83 Resp: 144336
Ion Ratio Lower Upper
83 100
55 79.9 39.7 119.1
98 47.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.384 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

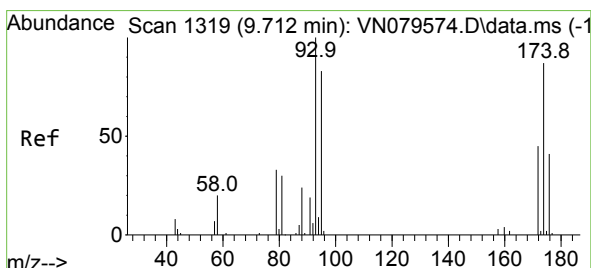
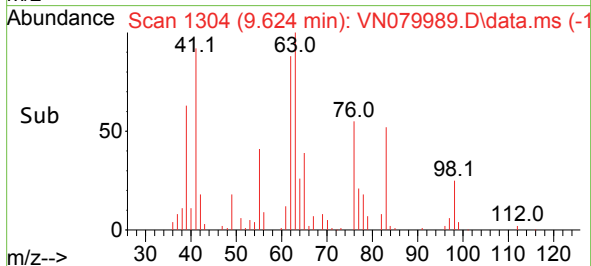
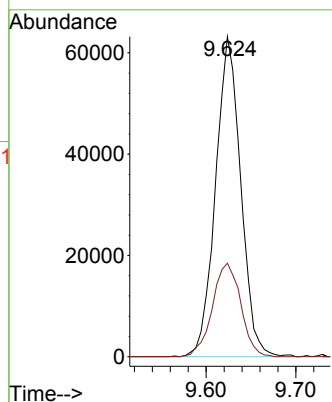
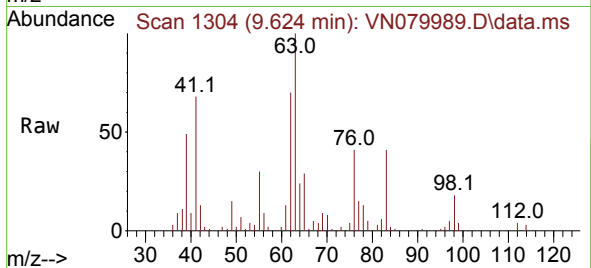
ClientSampleId :

Tgt Ion: 63 Resp: 123023

Ion Ratio Lower Upper

63 100

65 29.2 25.3 37.9



#40

Dibromomethane

Concen: 20.081 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

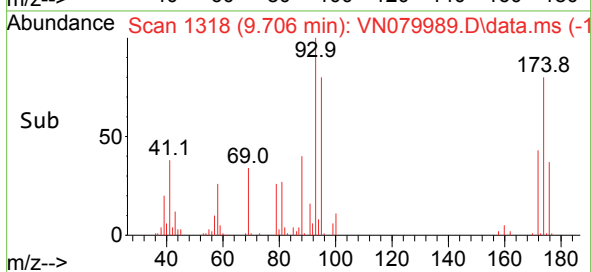
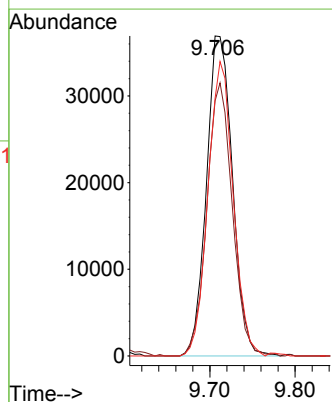
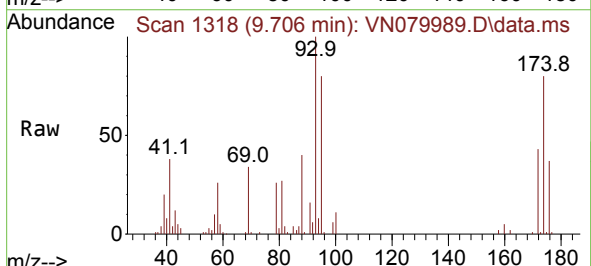
Tgt Ion: 93 Resp: 78341

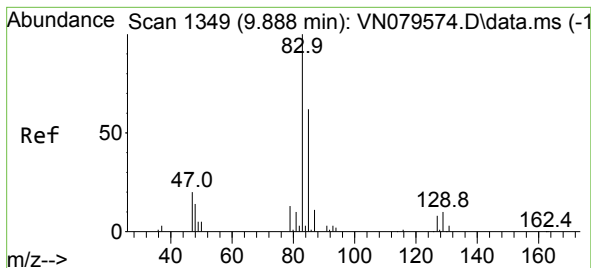
Ion Ratio Lower Upper

93 100

95 83.3 0.0 166.6

174 89.2 0.0 171.0





#41

Bromodichloromethane

Concen: 19.897 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

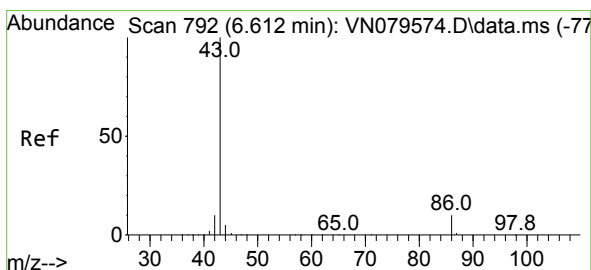
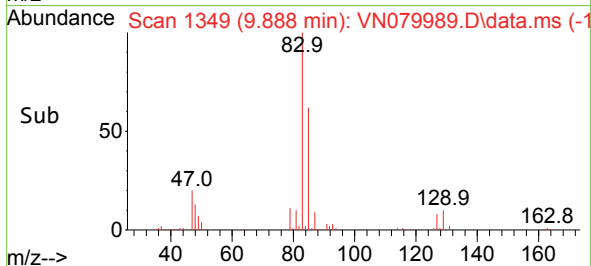
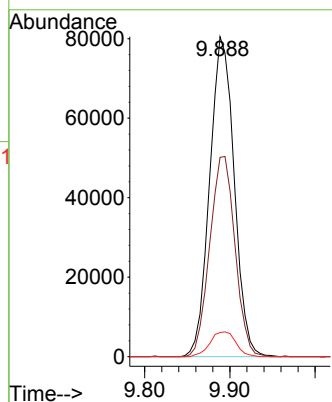
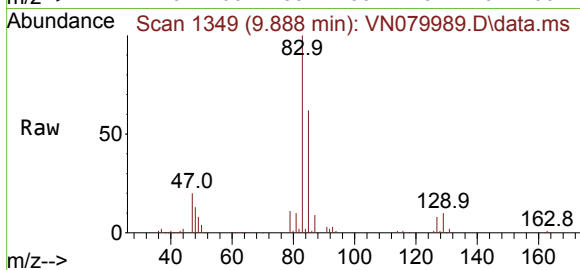
Tgt Ion: 83 Resp: 160765

Ion Ratio Lower Upper

83 100

85 62.3 50.3 75.5

127 7.5 6.8 10.2



#42

Vinyl Acetate

Concen: 100.961 ug/l

RT: 6.606 min Scan# 791

Delta R.T. -0.006 min

Lab File: VN079989.D

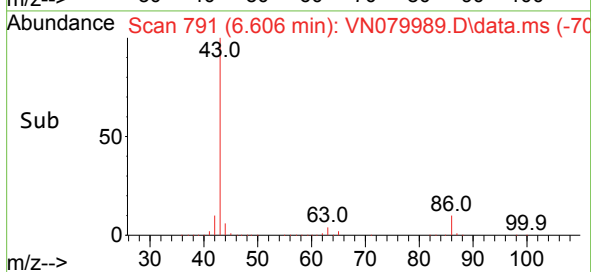
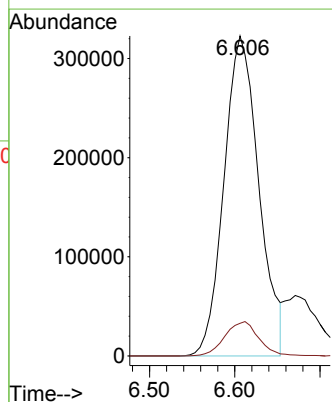
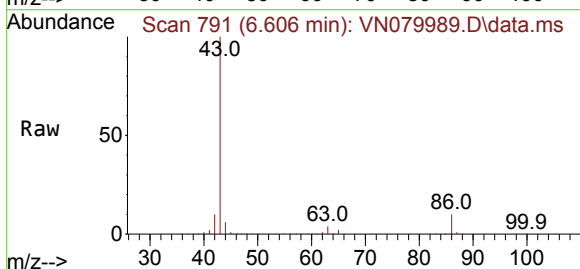
Acq: 08 Nov 2023 13:33

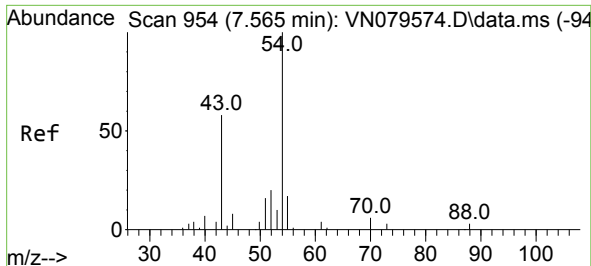
Tgt Ion: 43 Resp: 919309

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.2

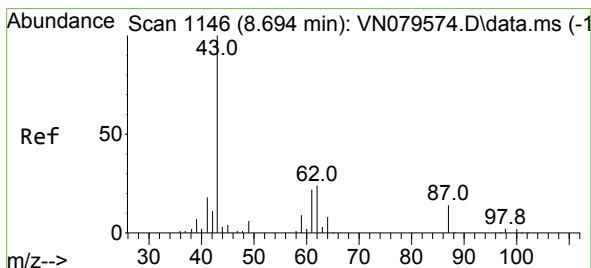
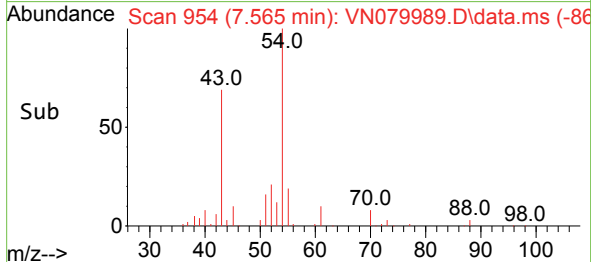
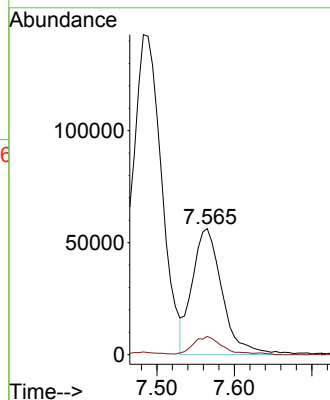
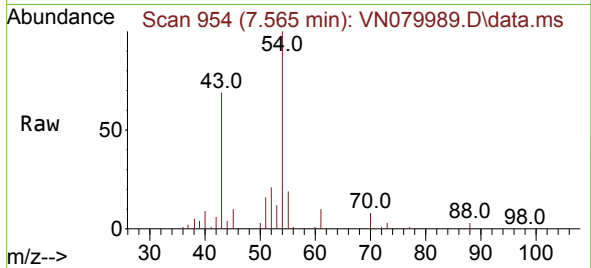




#43
Ethyl Acetate
Concen: 21.811 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

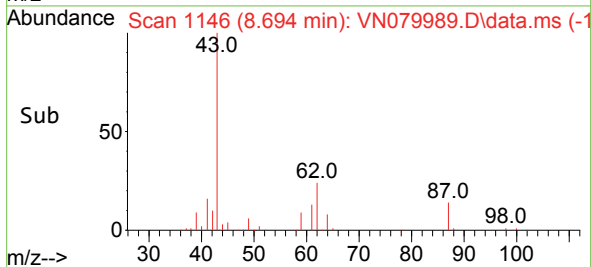
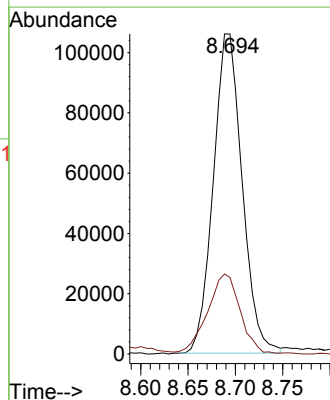
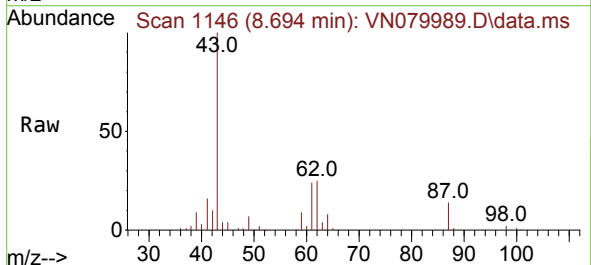
Instrument :
MSVOA_N
ClientSampleId :

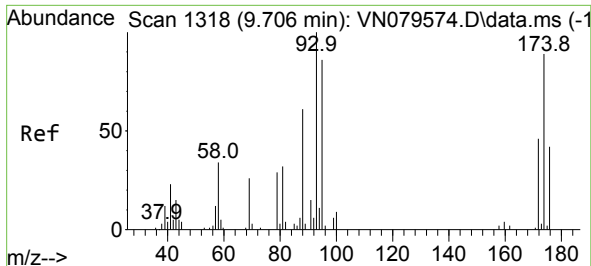
Tgt Ion: 43 Resp: 150197
Ion Ratio Lower Upper
43 100
45 13.9 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.058 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 43 Resp: 225075
Ion Ratio Lower Upper
43 100
61 28.4 20.3 30.5

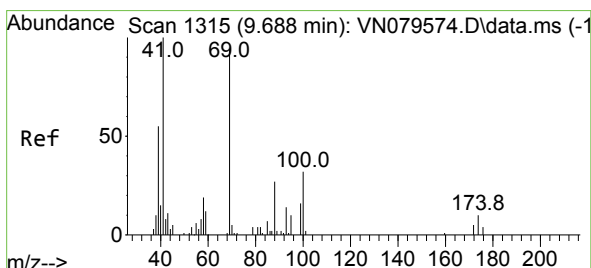
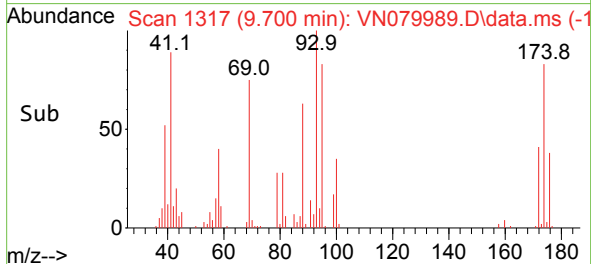
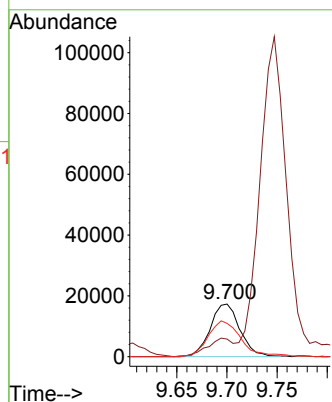
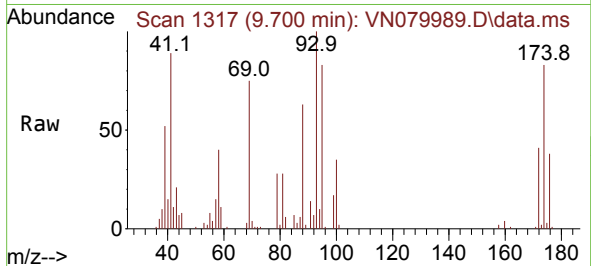




#45
1,4-Dioxane
Concen: 411.096 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

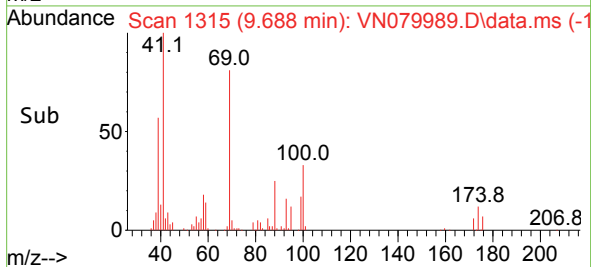
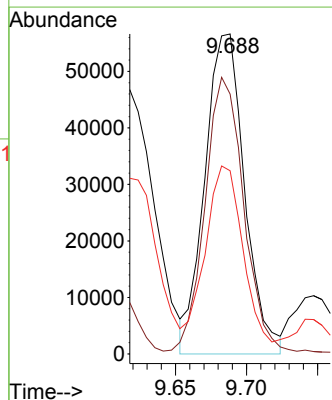
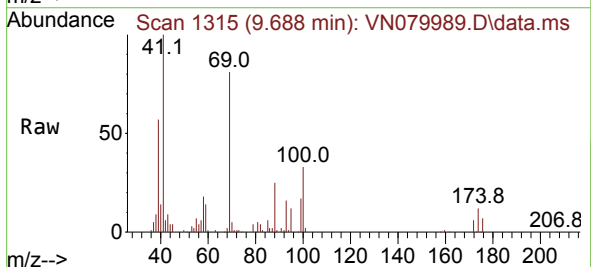
Instrument :
MSVOA_N
ClientSampleId :

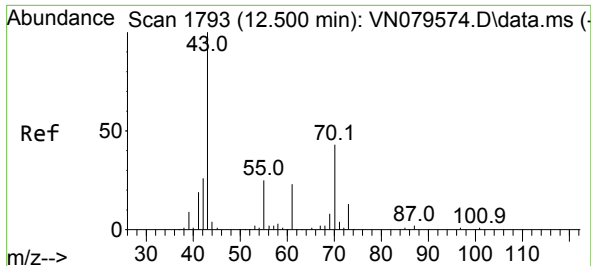
Tgt Ion: 88 Resp: 35549
Ion Ratio Lower Upper
88 100
43 30.2 28.7 43.1
58 73.1 56.9 85.3



#46
Methyl methacrylate
Concen: 20.438 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 41 Resp: 110243
Ion Ratio Lower Upper
41 100
69 83.6 40.0 119.9
39 55.8 31.1 93.3

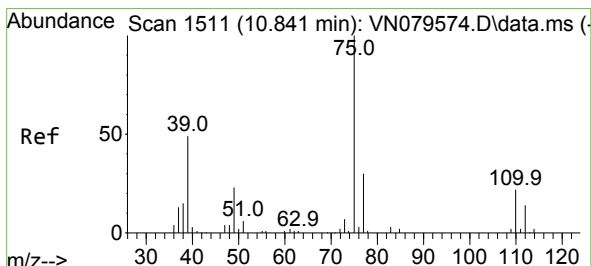
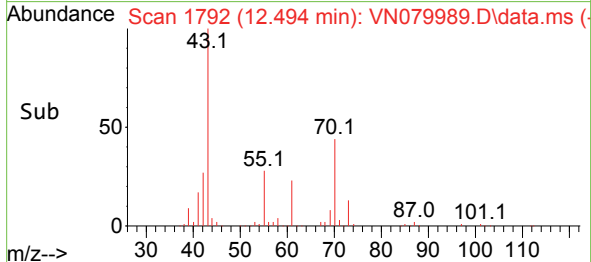
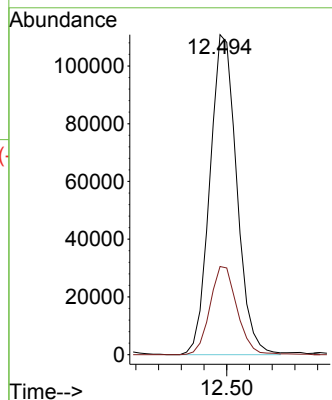
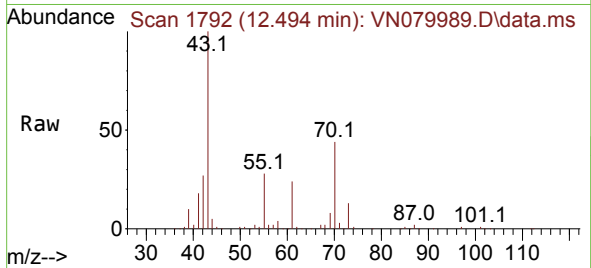




#47
n-amy1 Acetate
Concen: 20.179 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

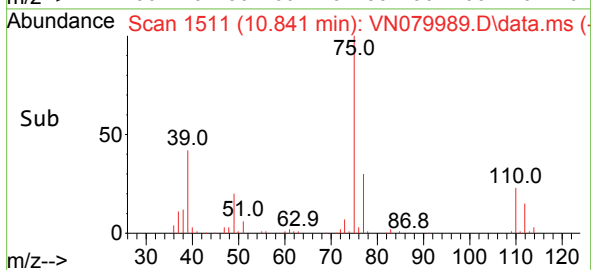
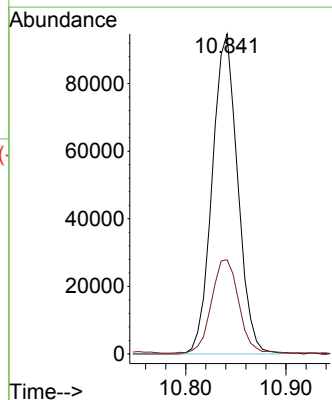
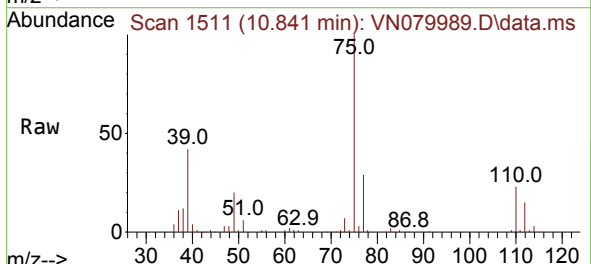
Instrument :
MSVOA_N
ClientSampleId :

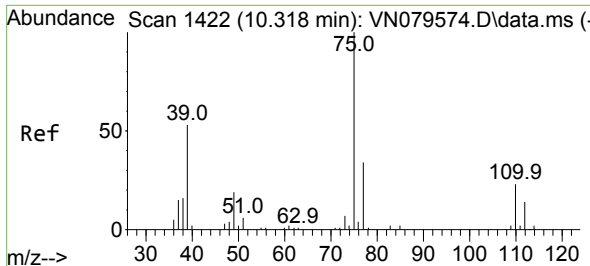
Tgt Ion: 43 Resp: 181877
Ion Ratio Lower Upper
43 100
55 27.8 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 20.260 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 75 Resp: 167178
Ion Ratio Lower Upper
75 100
77 29.0 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 20.425 ug/l

RT: 10.312 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

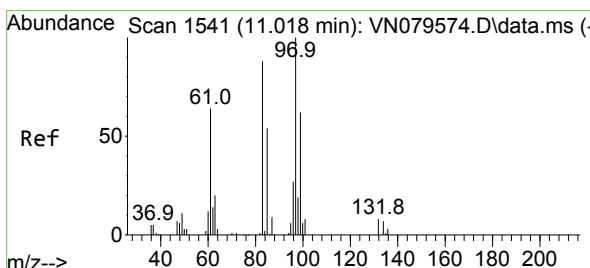
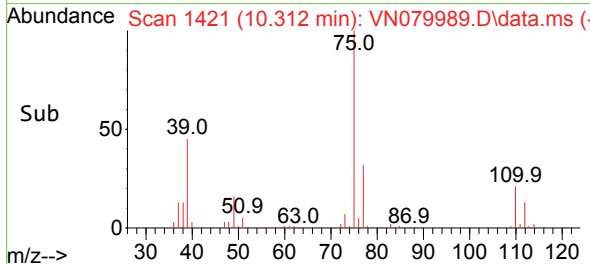
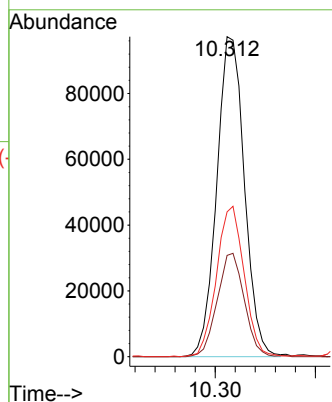
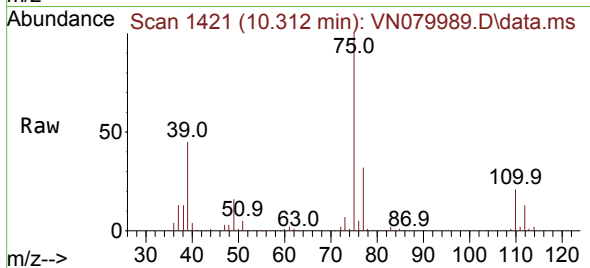
Tgt Ion: 75 Resp: 186322

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 45.3 42.4 63.6



#50

1,1,2-Trichloroethane

Concen: 20.230 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Tgt Ion: 97 Resp: 107658

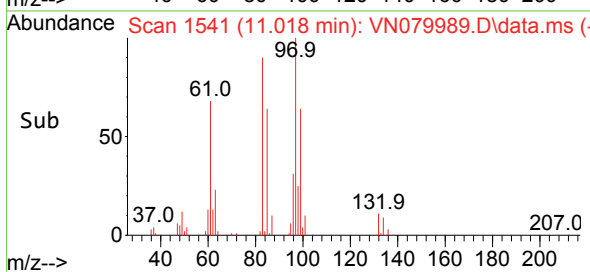
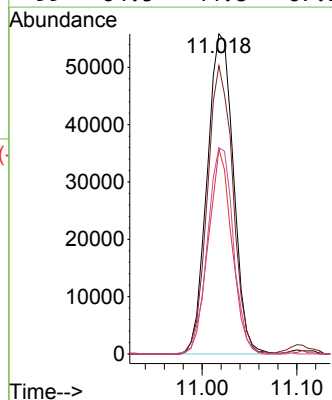
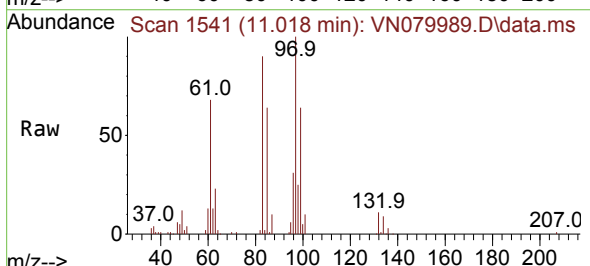
Ion Ratio Lower Upper

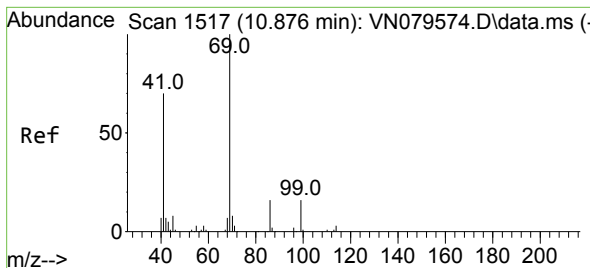
97 100

83 90.1 68.2 102.4

85 64.0 42.9 64.3

99 64.5 44.8 67.2





#51

Ethyl methacrylate

Concen: 20.324 ug/l

RT: 10.877 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

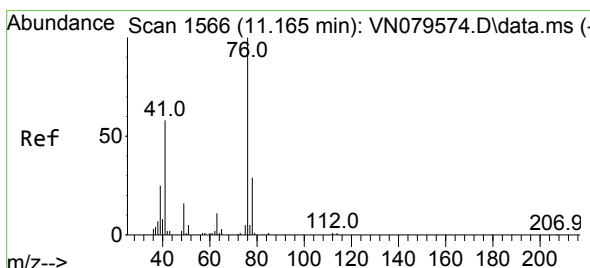
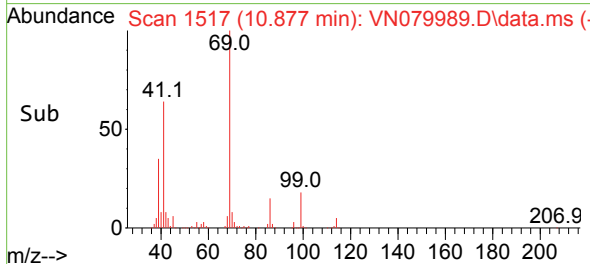
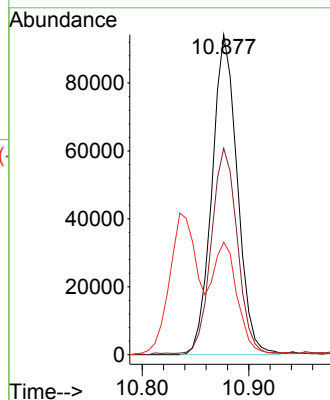
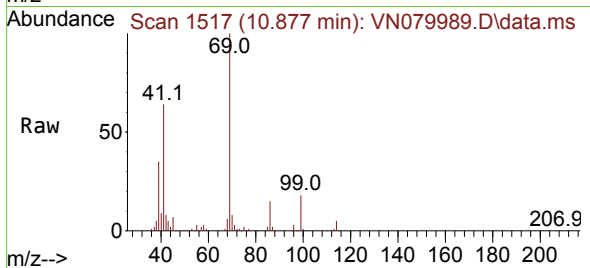
Tgt Ion: 69 Resp: 155460

Ion Ratio Lower Upper

69 100

41 64.0 33.8 101.3

39 34.6 21.3 63.9



#52

1,3-Dichloropropane

Concen: 20.554 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079989.D

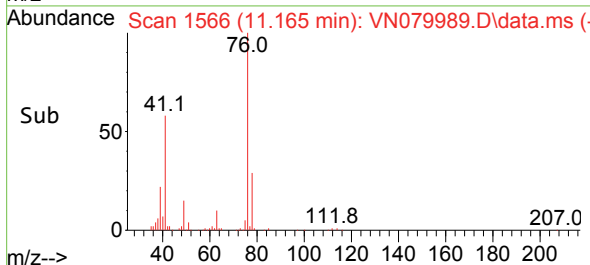
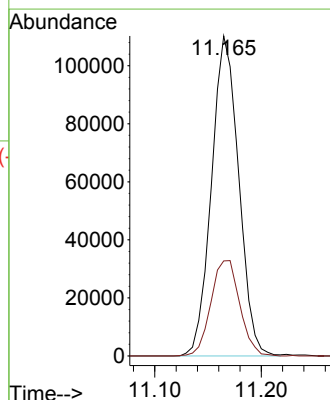
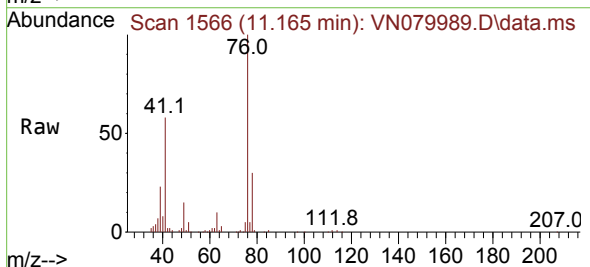
Acq: 08 Nov 2023 13:33

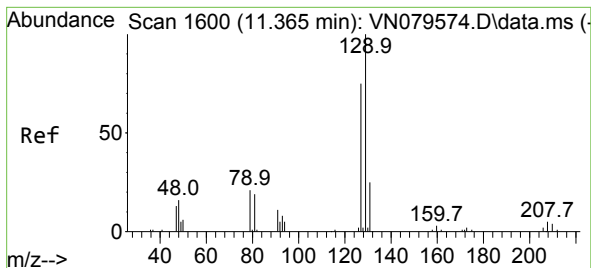
Tgt Ion: 76 Resp: 195549

Ion Ratio Lower Upper

76 100

78 31.6 0.0 64.0





#53

Dibromochloromethane

Concen: 20.298 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

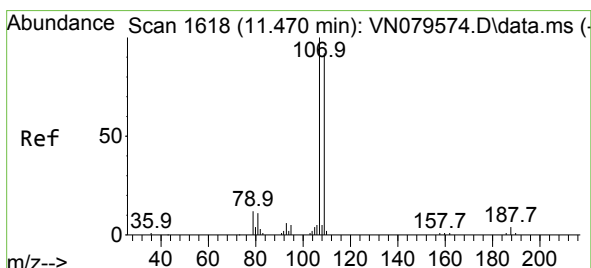
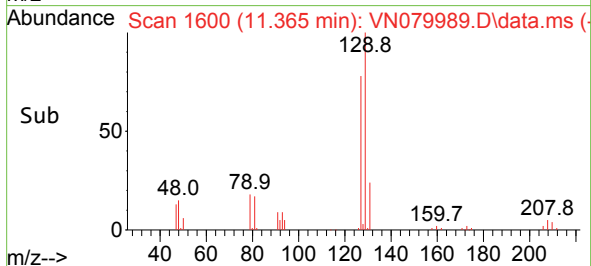
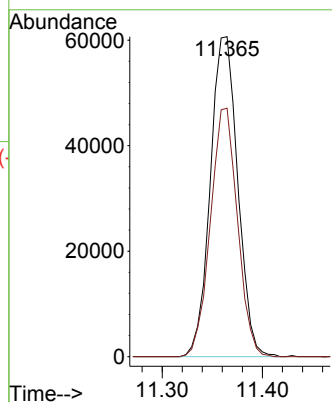
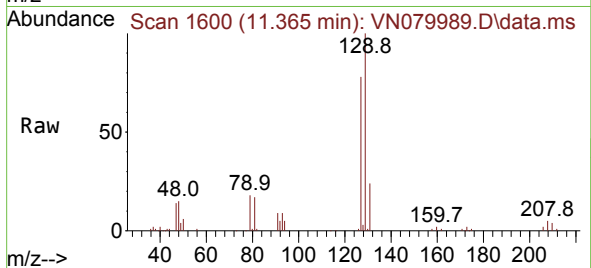
ClientSampleId :

Tgt Ion:129 Resp: 115560

Ion Ratio Lower Upper

129 100

127 76.4 38.8 116.3



#54

1,2-Dibromoethane

Concen: 20.030 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN079989.D

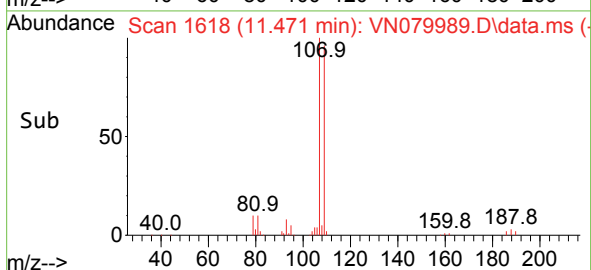
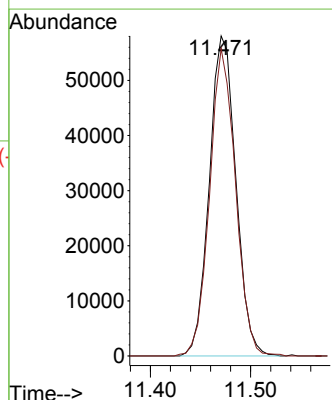
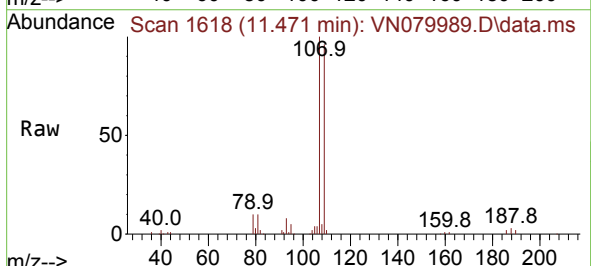
Acq: 08 Nov 2023 13:33

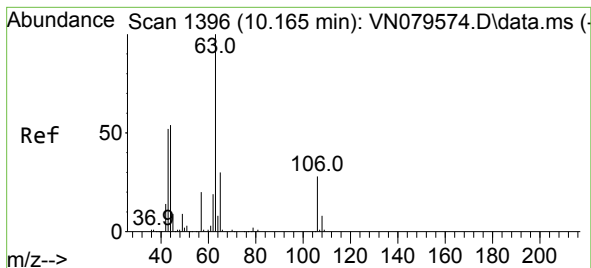
Tgt Ion:107 Resp: 107036

Ion Ratio Lower Upper

107 100

109 93.5 73.2 109.8

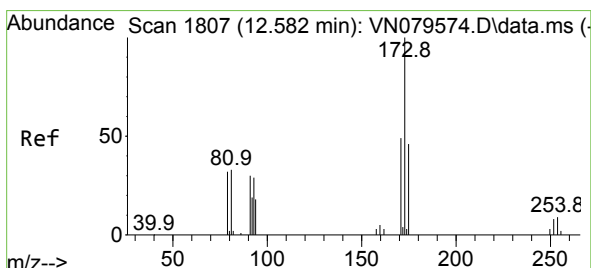
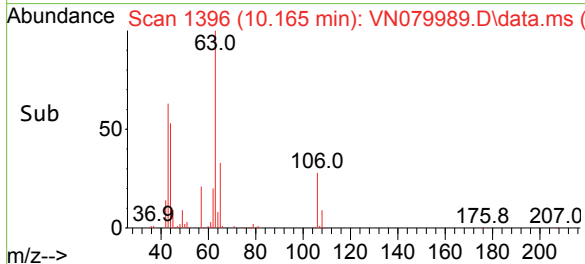
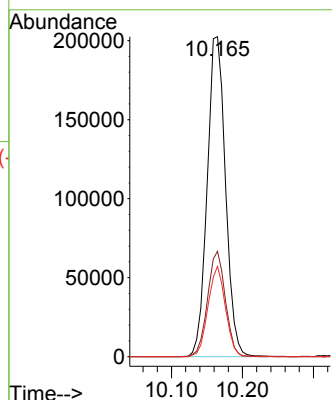
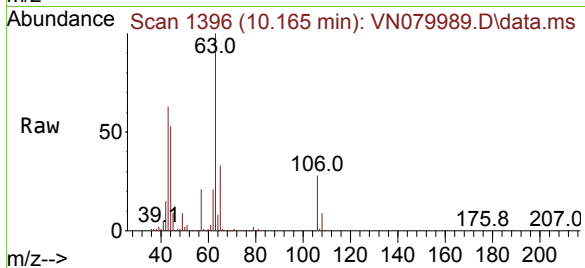




#55
2-Chloroethyl vinyl ether
Concen: 103.244 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

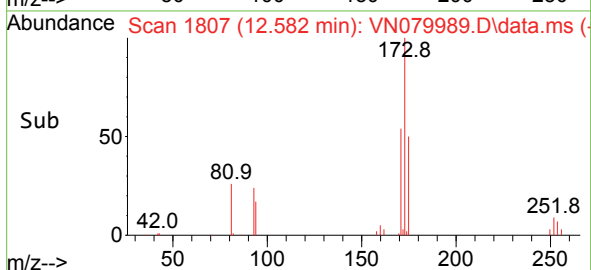
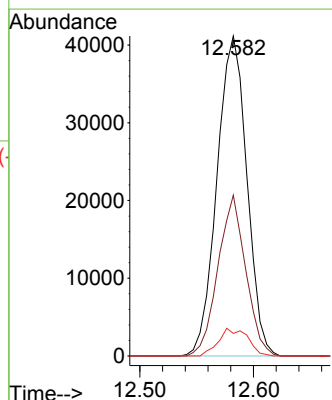
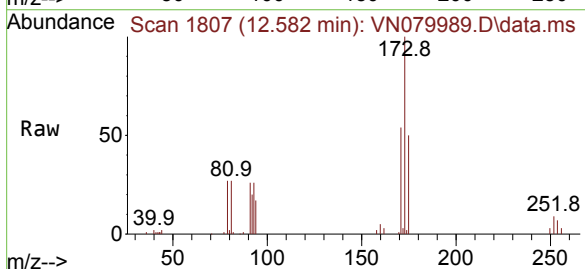
Instrument :
MSVOA_N
ClientSampleId :

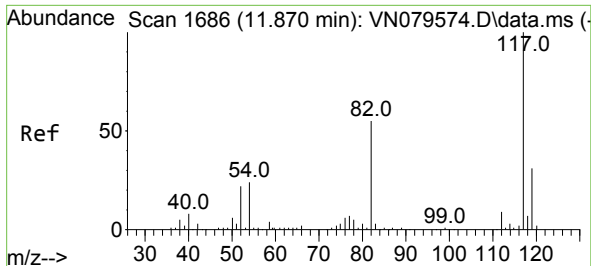
Tgt Ion: 63 Resp: 363212
Ion Ratio Lower Upper
63 100
65 32.0 25.9 38.9
106 26.8 20.6 30.8



#56
Bromoform
Concen: 20.177 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion:173 Resp: 75271
Ion Ratio Lower Upper
173 100
175 46.6 37.9 56.9
254 4.8 7.3 10.9#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

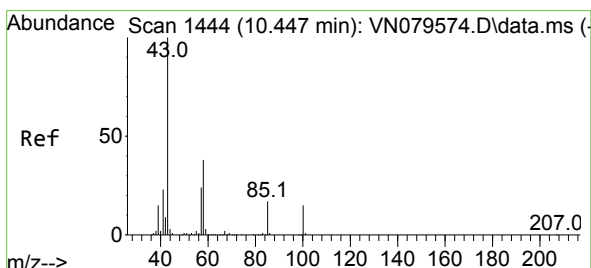
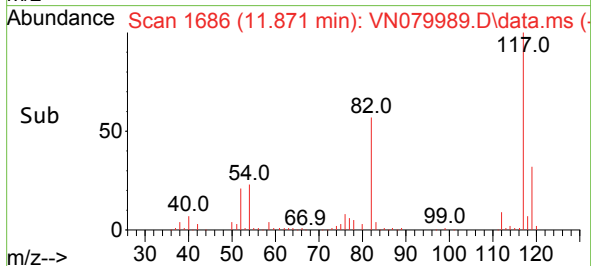
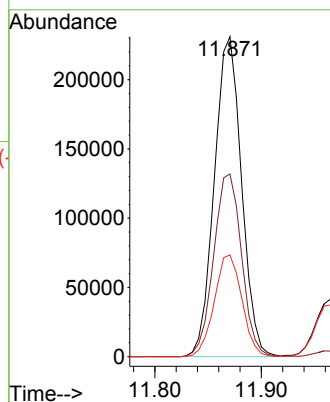
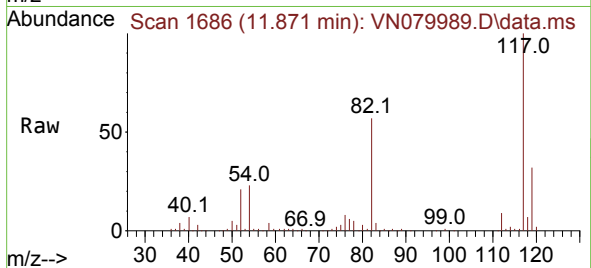
Tgt Ion:117 Resp: 409707

Ion Ratio Lower Upper

117 100

82 58.7 46.2 69.2

119 32.3 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 103.396 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

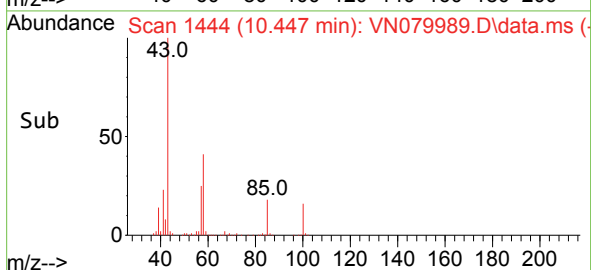
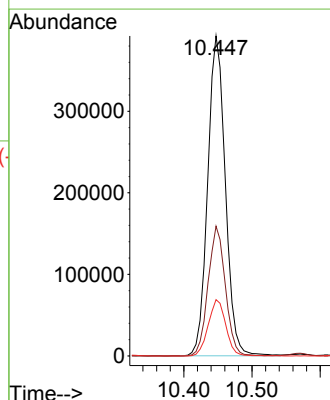
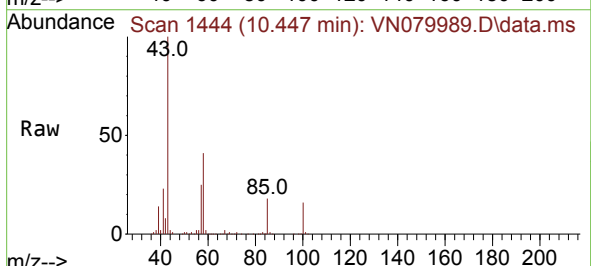
Tgt Ion: 43 Resp: 707728

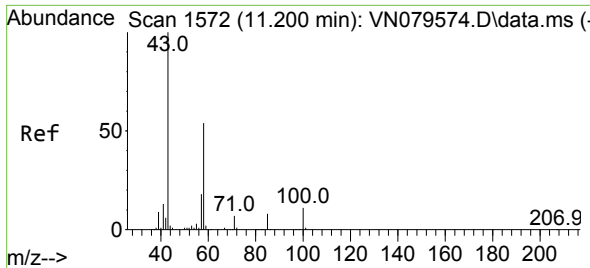
Ion Ratio Lower Upper

43 100

58 39.8 30.4 45.6

85 17.4 13.2 19.8

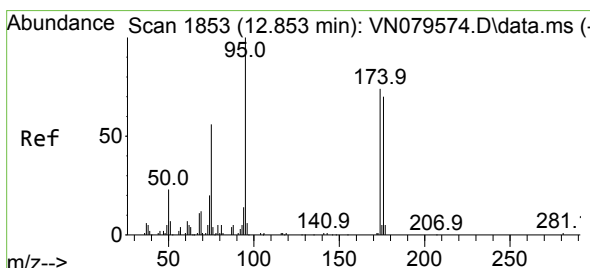
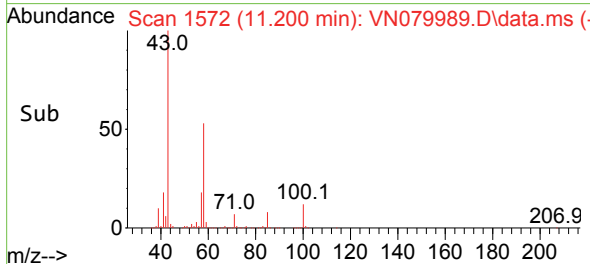
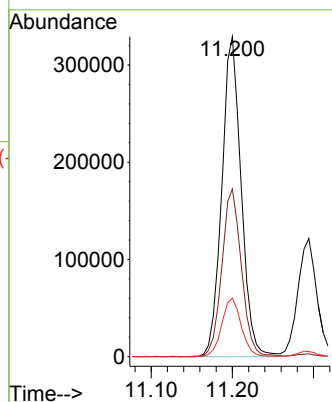
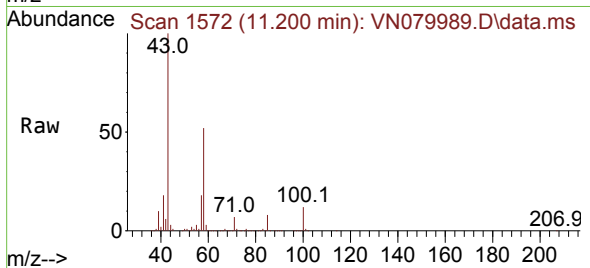




#59
2-Hexanone
Concen: 104.879 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

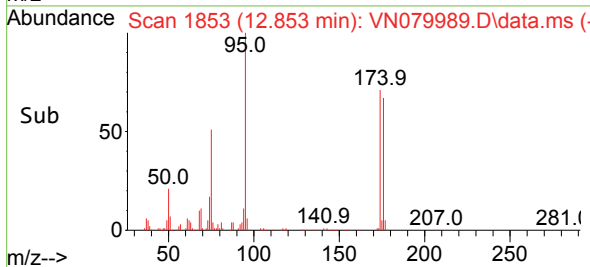
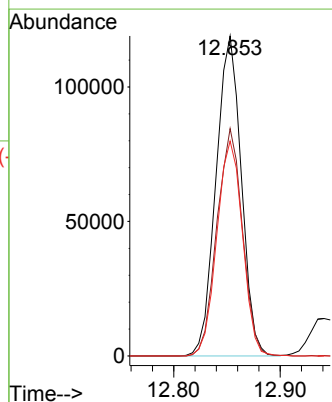
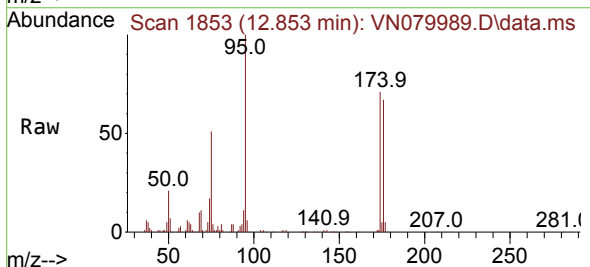
Instrument :
MSVOA_N
ClientSampleId :

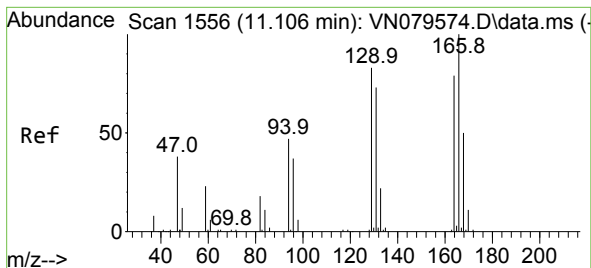
Tgt Ion: 43 Resp: 546858
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 18.5 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 29.963 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 95 Resp: 196314
Ion Ratio Lower Upper
95 100
174 71.7 60.5 90.7
176 68.1 57.2 85.8





#61

Tetrachloroethene

Concen: 20.186 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

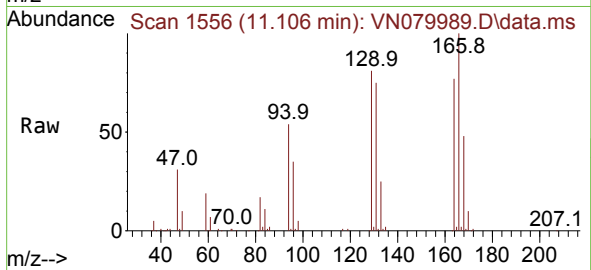
Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 96962

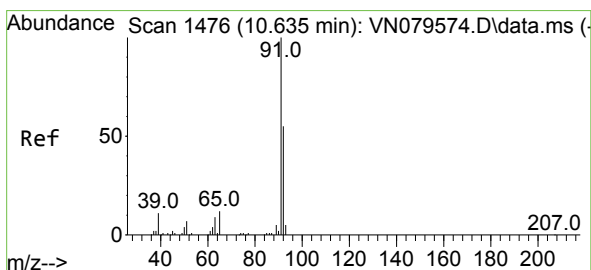
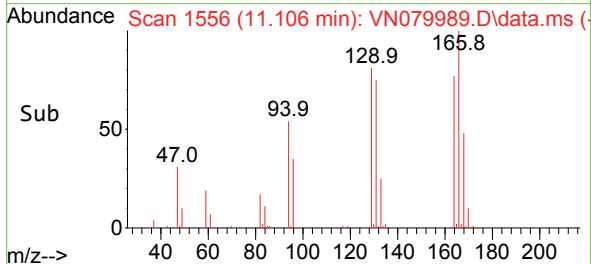
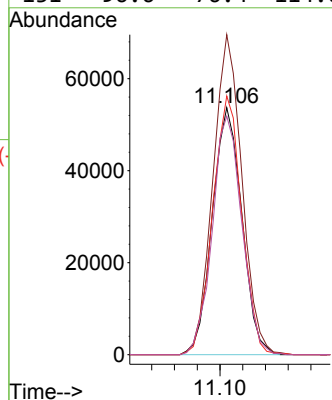
Ion Ratio Lower Upper

164 100

166 129.5 98.2 147.4

129 104.7 75.0 112.4

131 96.6 76.4 114.6



#62

Toluene

Concen: 20.333 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079989.D

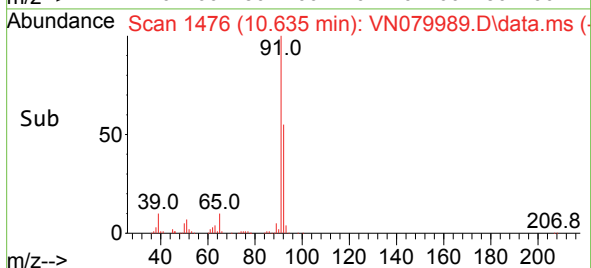
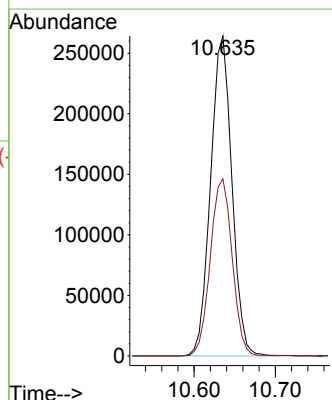
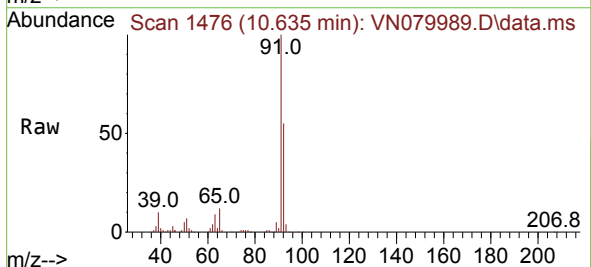
Acq: 08 Nov 2023 13:33

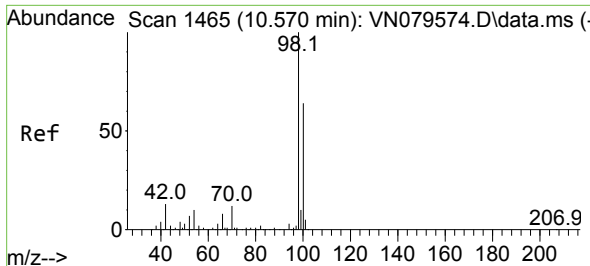
Tgt Ion: 91 Resp: 481820

Ion Ratio Lower Upper

91 100

92 56.7 45.3 67.9

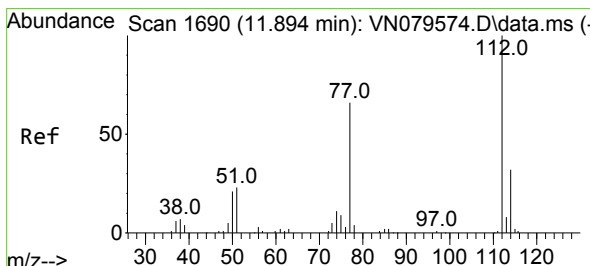
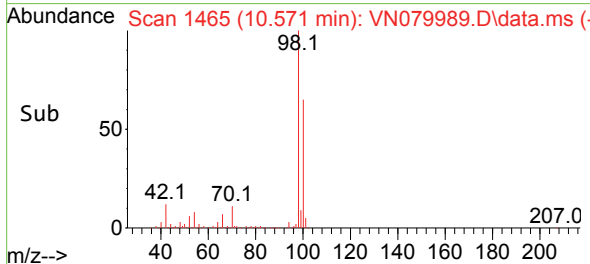
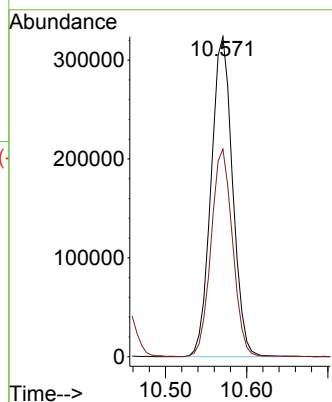
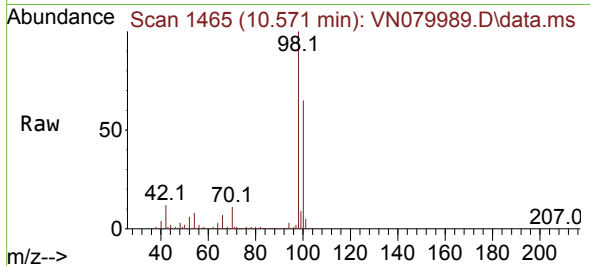




#63
Toluene-d8
Concen: 30.693 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

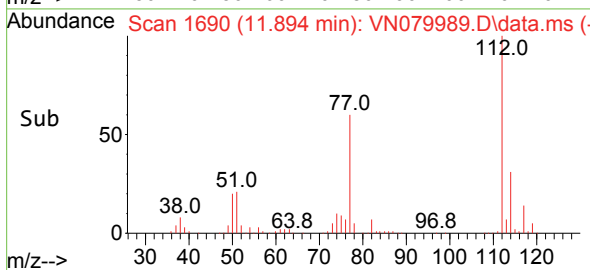
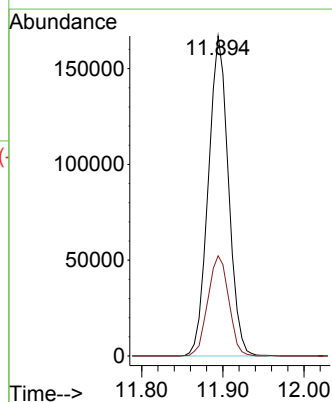
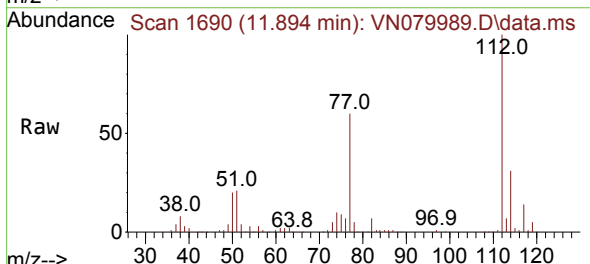
Instrument :
MSVOA_N
ClientSampleId :

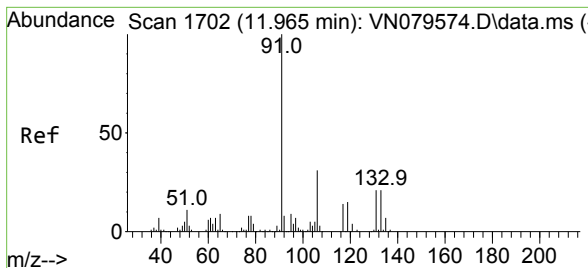
Tgt Ion: 98 Resp: 595840
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#64
Chlorobenzene
Concen: 20.337 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 112 Resp: 287594
Ion Ratio Lower Upper
112 100
114 31.3 28.1 42.1

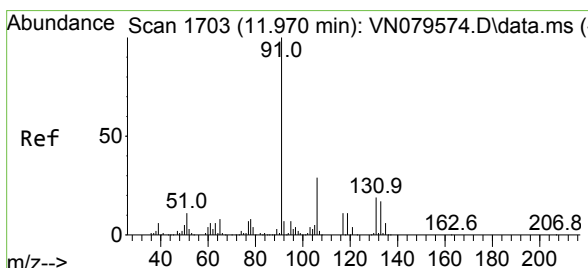
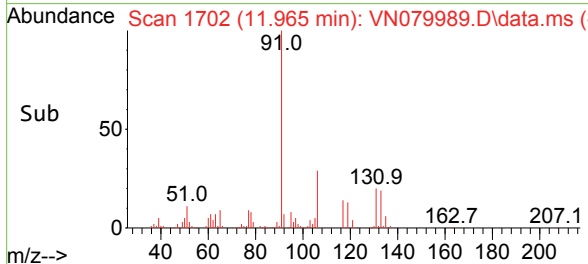
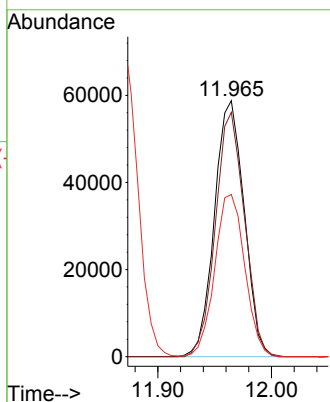
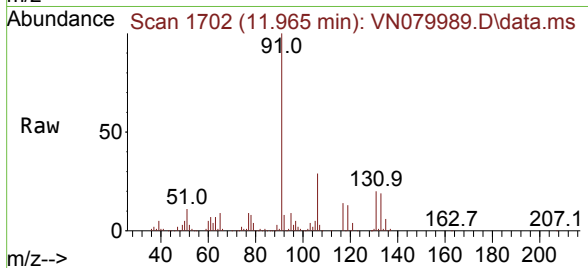




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.553 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

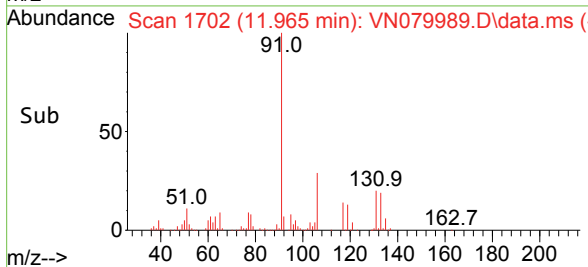
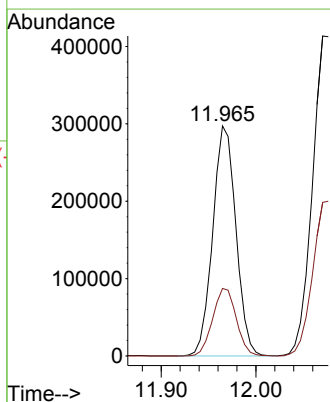
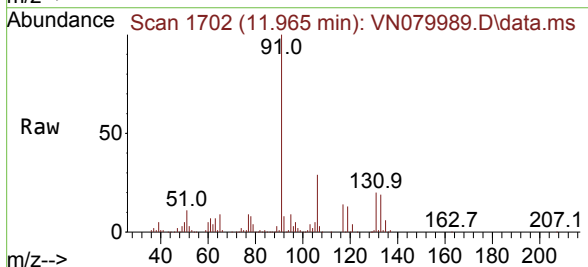
Instrument :
 MSVOA_N
 ClientSampleId :

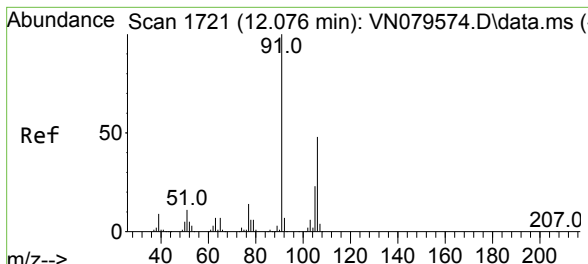
Tgt Ion:131 Resp: 106615
 Ion Ratio Lower Upper
 131 100
 133 93.7 0.0 196.0
 119 64.2 0.0 135.6



#66
 Ethyl Benzene
 Concen: 20.318 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

Tgt Ion: 91 Resp: 505939
 Ion Ratio Lower Upper
 91 100
 106 29.4 23.8 35.8

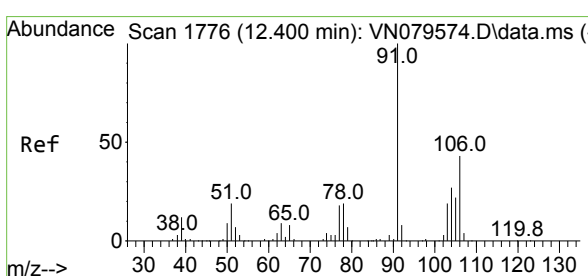
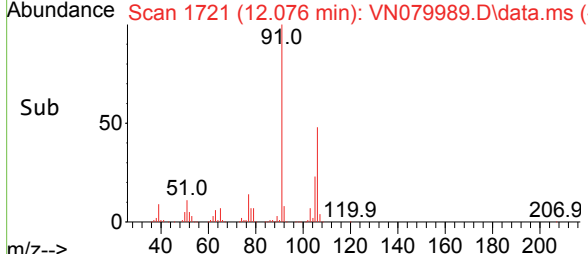
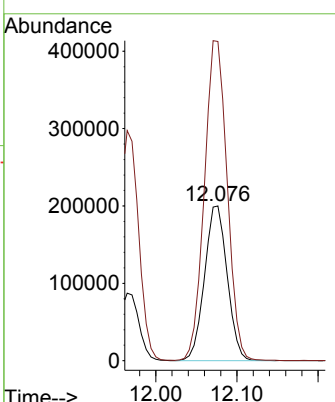
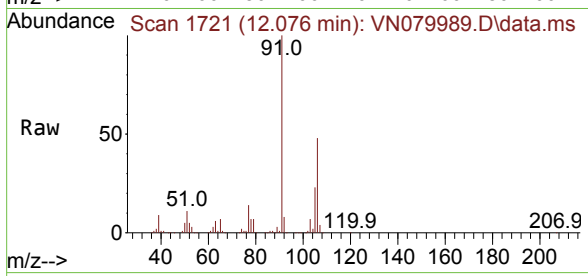




#67
 m/p-Xylenes
 Concen: 41.854 ug/l
 RT: 12.076 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

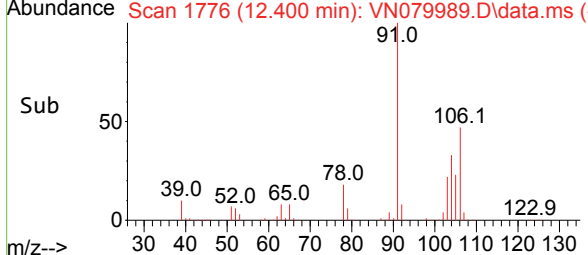
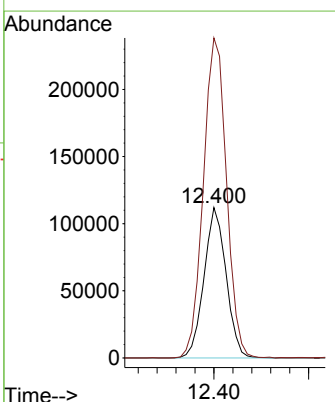
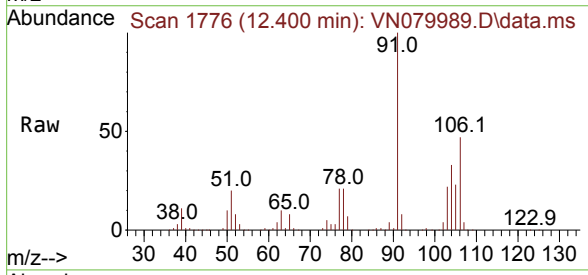
Instrument :
 MSVOA_N
 ClientSampleId :

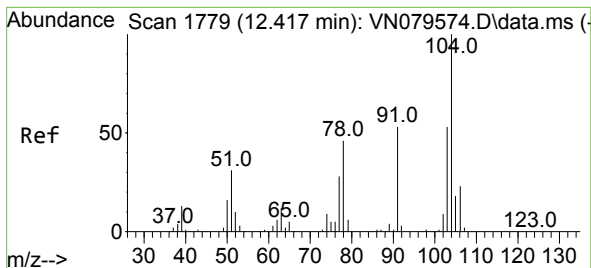
Tgt Ion:	106	Resp:	388011
Ion	Ratio	Lower	Upper
106	100		
91	207.2	161.8	242.6



#68
 o-Xylene
 Concen: 20.380 ug/l
 RT: 12.400 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

Tgt Ion:	106	Resp:	181093
Ion	Ratio	Lower	Upper
106	100		
91	222.3	109.9	329.7





#69

Styrene

Concen: 20.681 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

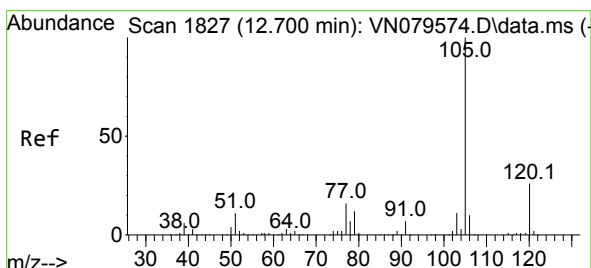
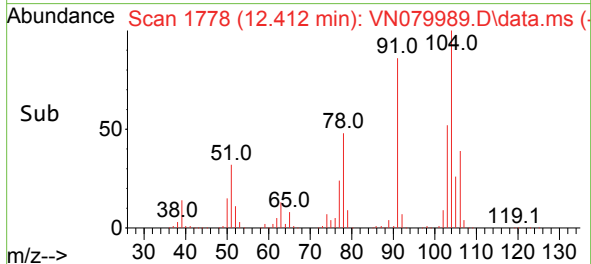
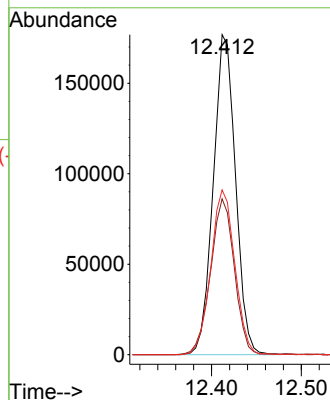
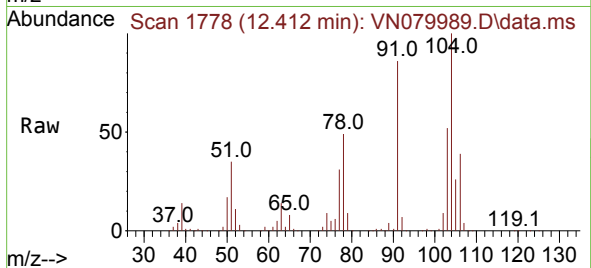
Tgt Ion:104 Resp: 304211

Ion Ratio Lower Upper

104 100

78 52.0 41.2 61.8

103 55.3 43.1 64.7



#70

Isopropylbenzene

Concen: 20.385 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079989.D

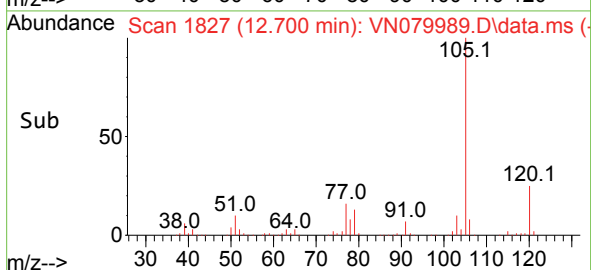
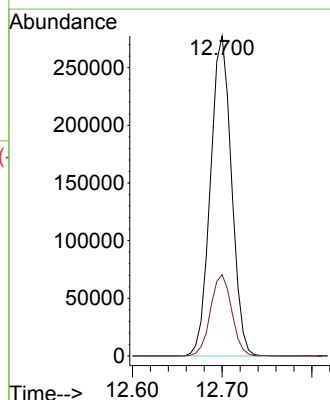
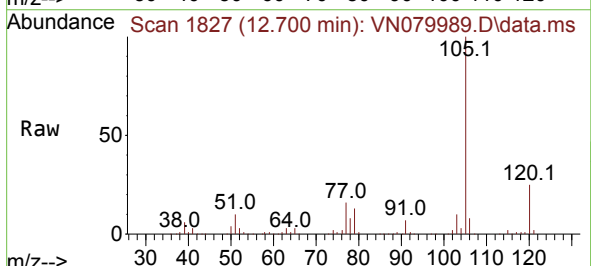
Acq: 08 Nov 2023 13:33

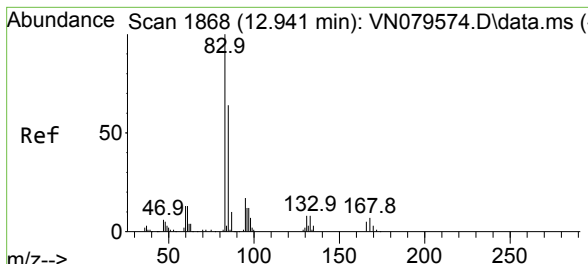
Tgt Ion:105 Resp: 451833

Ion Ratio Lower Upper

105 100

120 25.6 18.1 33.5

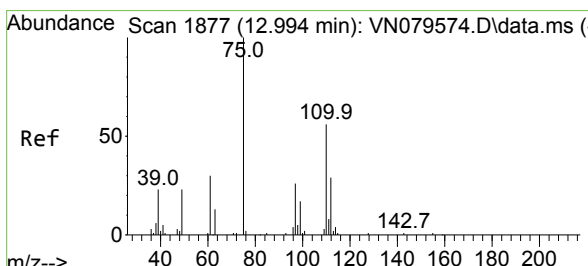
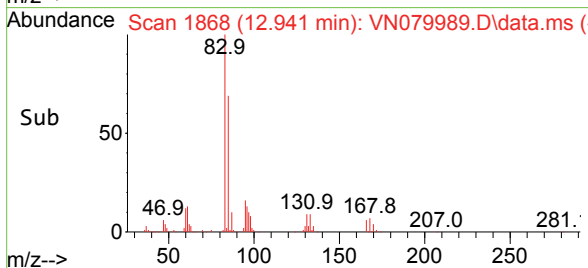
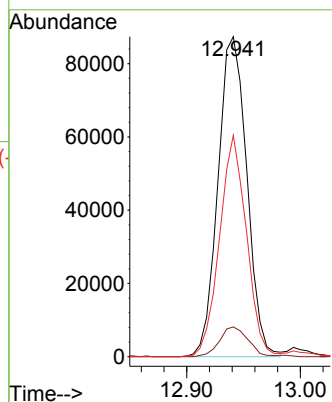
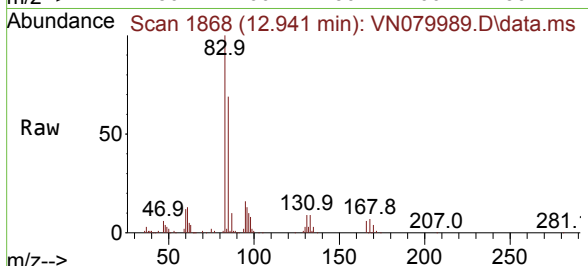




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.426 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

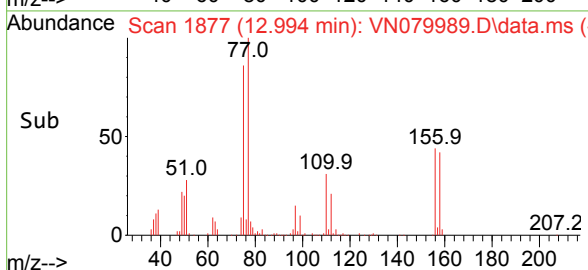
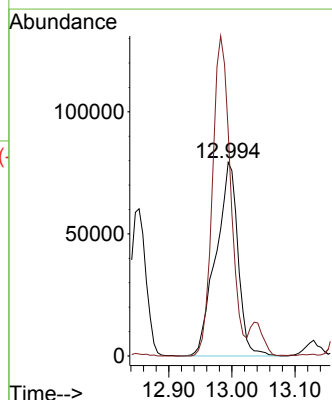
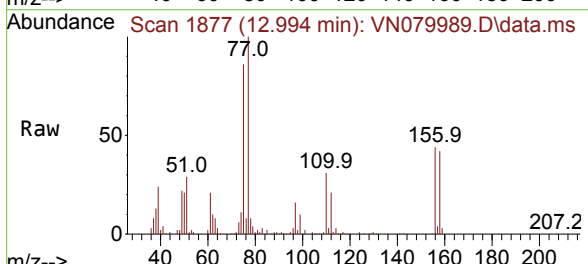
Instrument :
 MSVOA_N
 ClientSampleId :

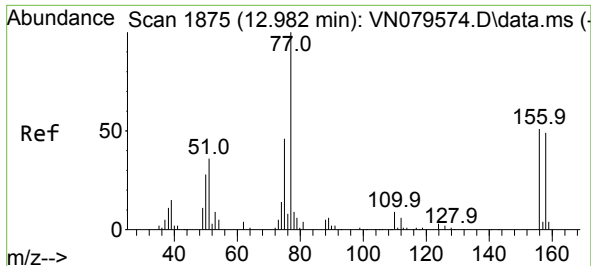
Tgt Ion: 83 Resp: 154205
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.5 13.4
 85 64.6 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 19.976 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

Tgt Ion: 75 Resp: 193176
 Ion Ratio Lower Upper
 75 100
 77 134.9 0.0 338.2

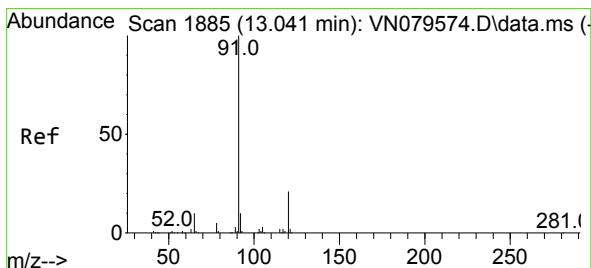
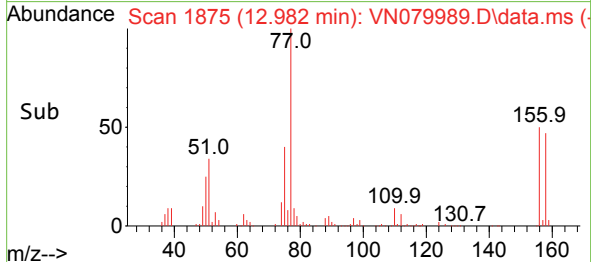
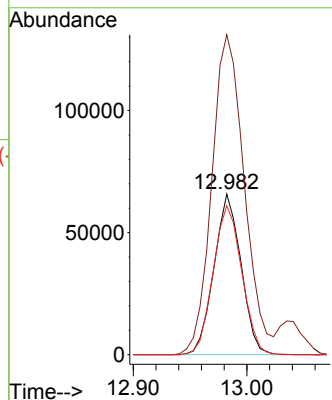
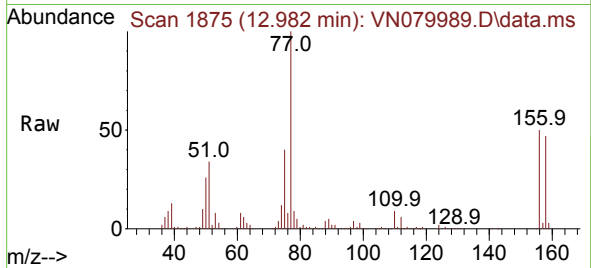




#73
Bromobenzene
Concen: 19.973 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

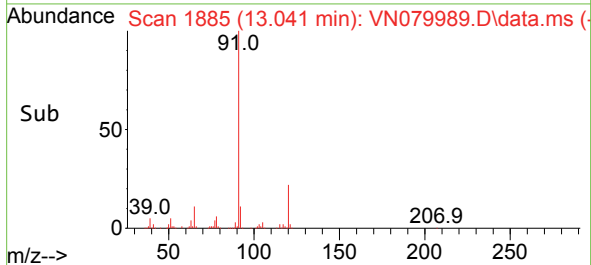
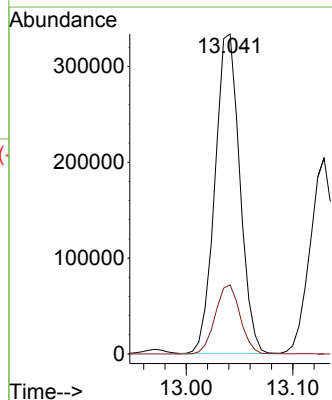
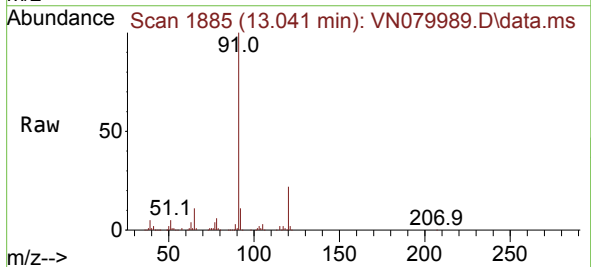
Instrument :
MSVOA_N
ClientSampleId :

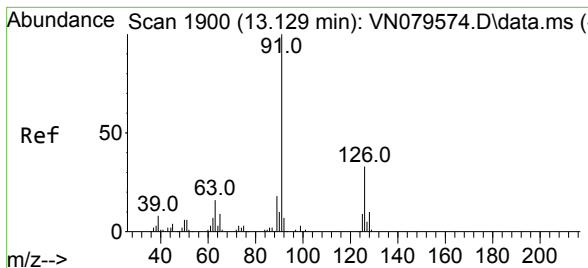
Tgt Ion:156 Resp: 108836
Ion Ratio Lower Upper
156 100
77 239.4 0.0 448.2
158 98.0 0.0 194.8



#74
n-propylbenzene
Concen: 20.348 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 91 Resp: 539532
Ion Ratio Lower Upper
91 100
120 21.7 0.0 42.0





#75

2-Chlorotoluene

Concen: 20.262 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

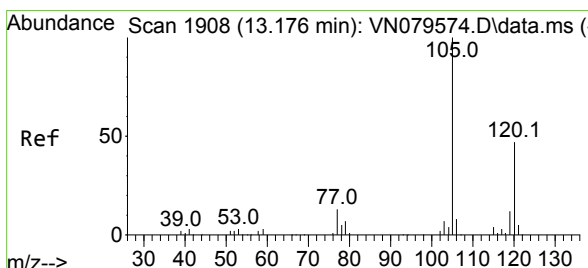
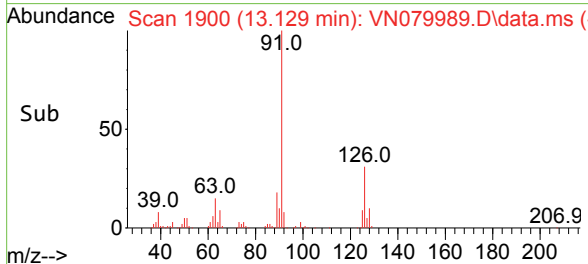
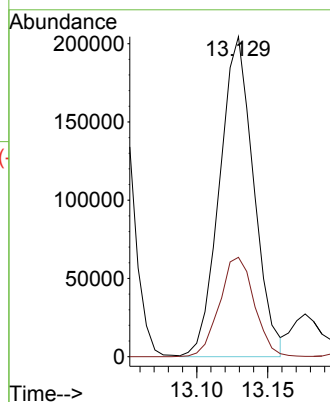
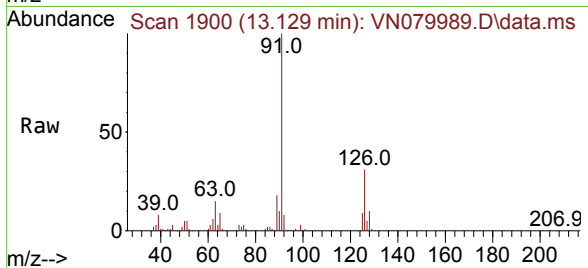
ClientSampleId :

Tgt Ion: 91 Resp: 341483

Ion Ratio Lower Upper

91 100

126 31.7 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 20.536 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079989.D

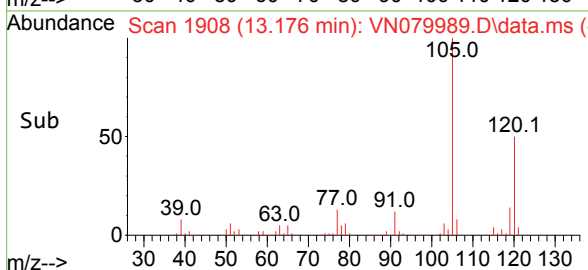
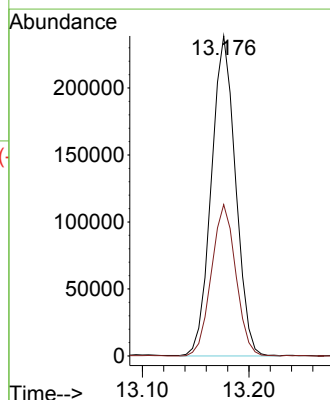
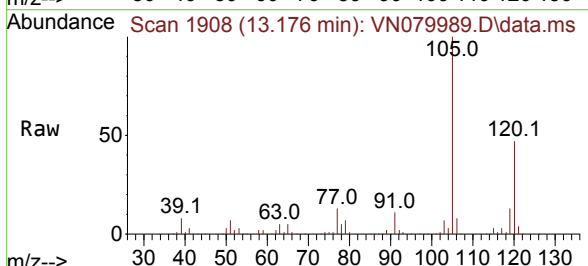
Acq: 08 Nov 2023 13:33

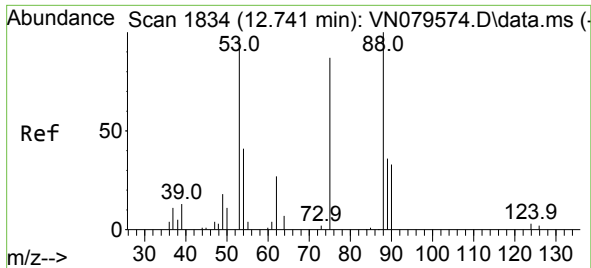
Tgt Ion: 105 Resp: 376484

Ion Ratio Lower Upper

105 100

120 47.6 0.0 93.2

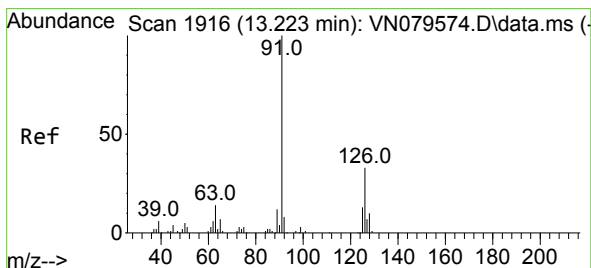
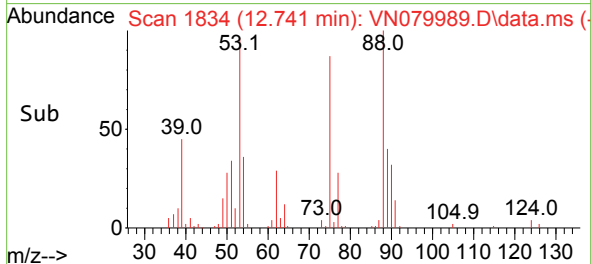
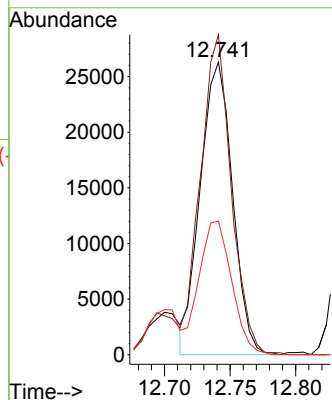
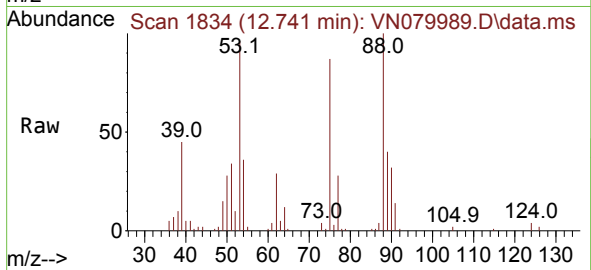




#77
t-1,4-Dichloro-2-butene
Concen: 19.598 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

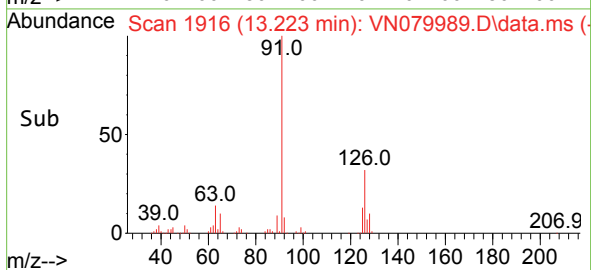
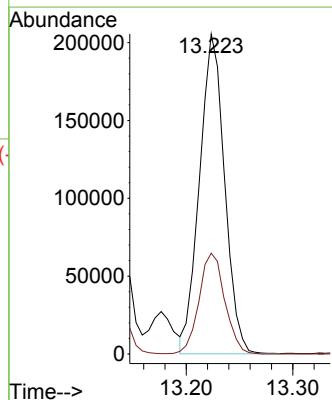
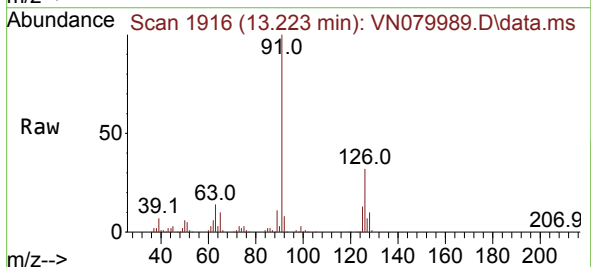
Instrument :
MSVOA_N
ClientSampleId :

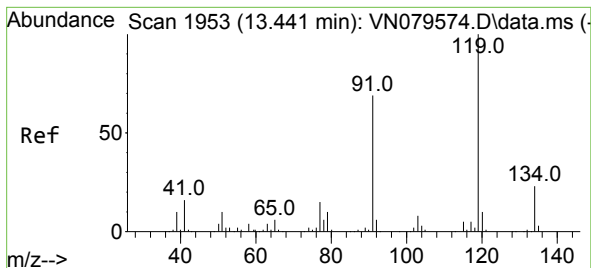
Tgt Ion: 75 Resp: 45013
Ion Ratio Lower Upper
75 100
53 108.7 53.0 159.1
89 45.7 22.6 67.7



#78
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 91 Resp: 337118
Ion Ratio Lower Upper
91 100
126 32.4 0.0 65.4





#79

tert-butylbenzene

Concen: 20.359 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

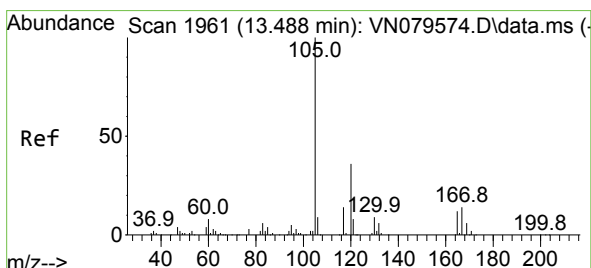
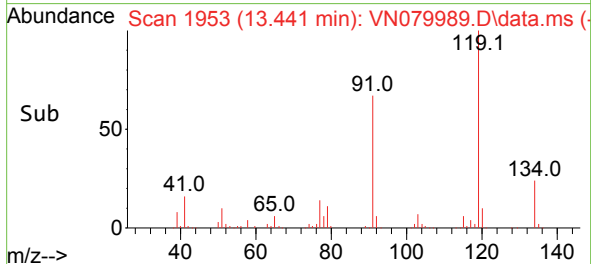
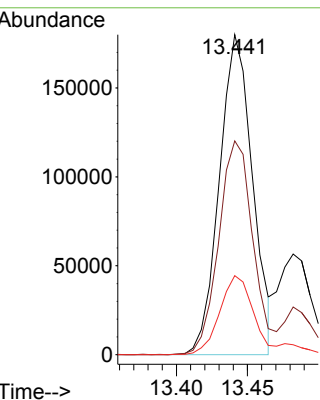
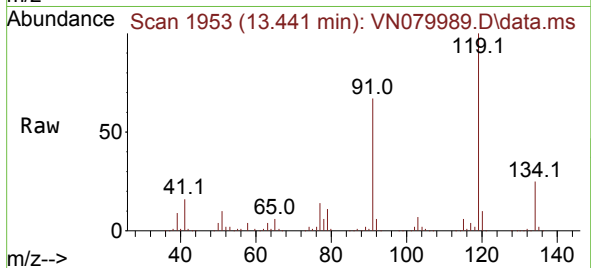
Tgt Ion:119 Resp: 292301

Ion Ratio Lower Upper

119 100

91 69.5 0.0 140.6

134 25.0 0.0 49.8



#80

1,2,4-Trimethylbenzene

Concen: 20.461 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN079989.D

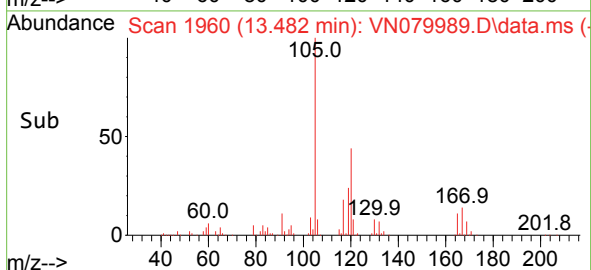
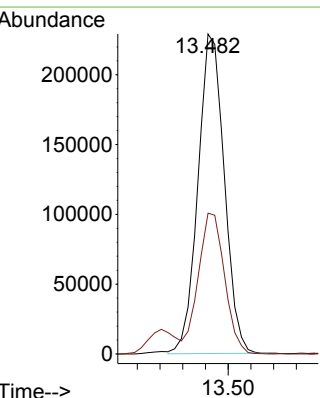
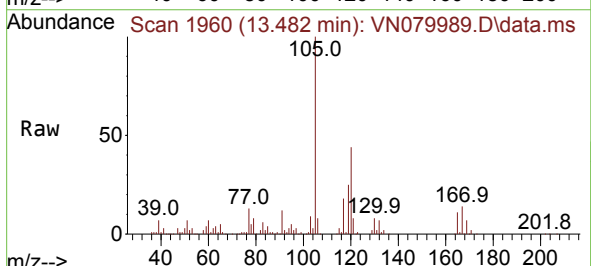
Acq: 08 Nov 2023 13:33

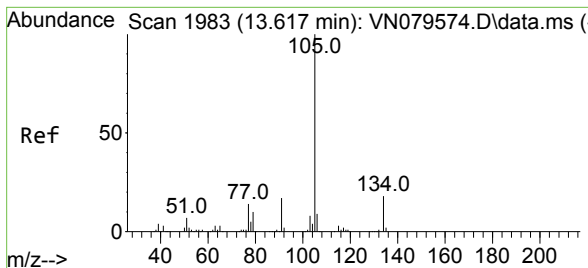
Tgt Ion:105 Resp: 367814

Ion Ratio Lower Upper

105 100

120 44.1 0.0 88.6

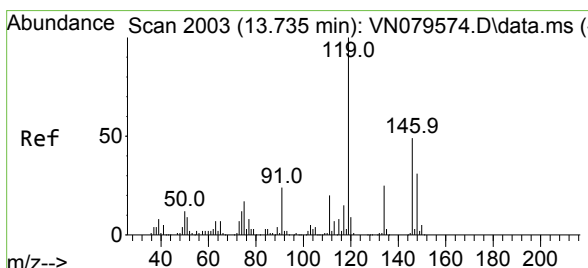
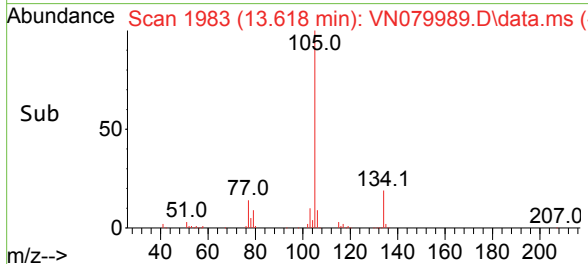
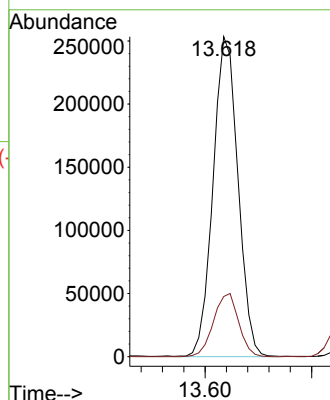
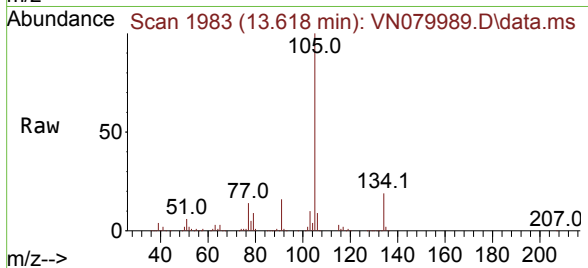




#81
 sec-Butylbenzene
 Concen: 20.295 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

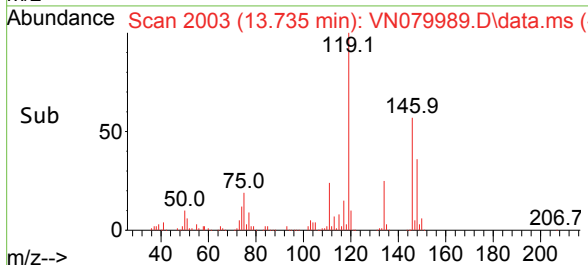
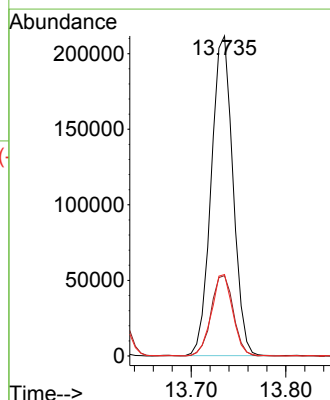
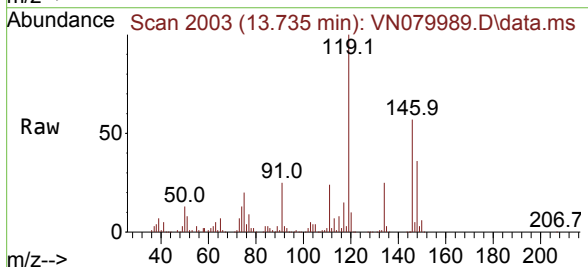
Instrument :
 MSVOA_N
 ClientSampleId :

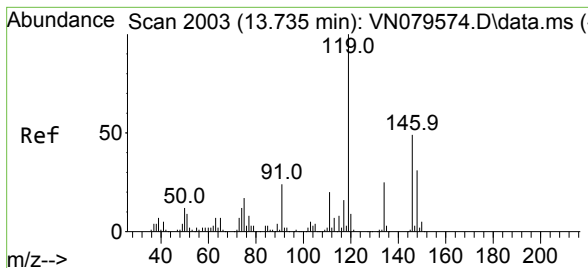
Tgt Ion:105 Resp: 411314
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 20.462 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

Tgt Ion:119 Resp: 336778
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 24.8 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 20.556 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

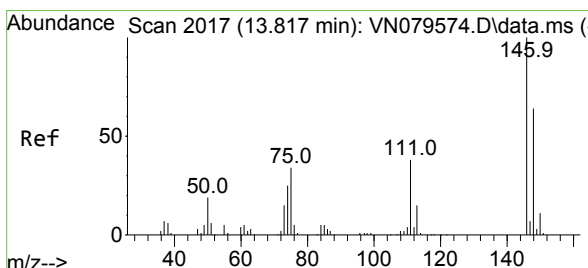
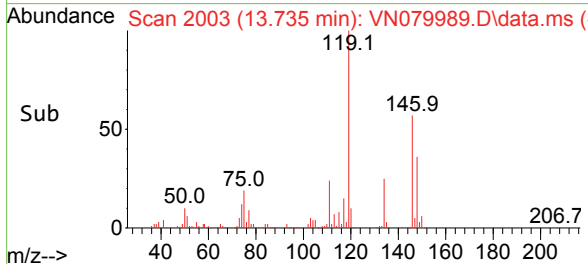
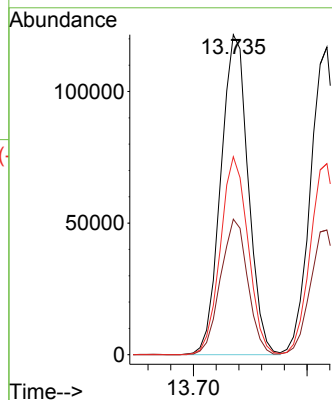
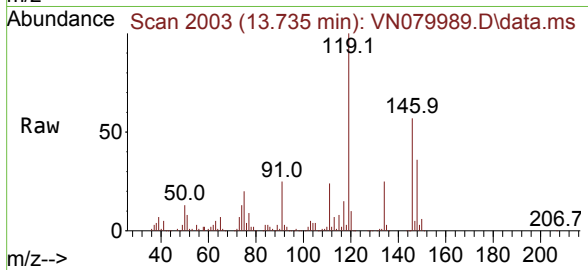
Tgt Ion:146 Resp: 204103

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 62.5 32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 20.067 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079989.D

Acq: 08 Nov 2023 13:33

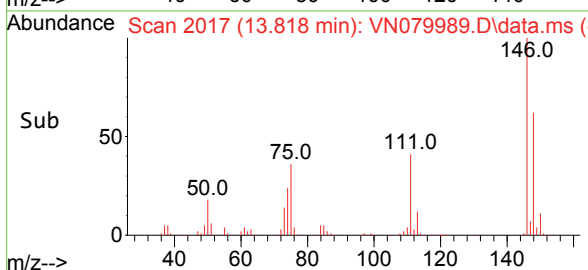
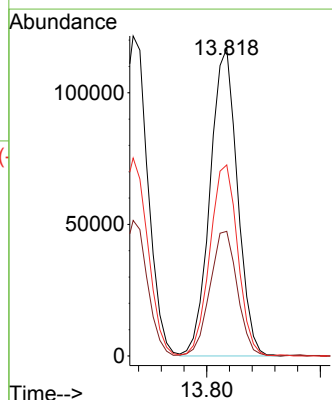
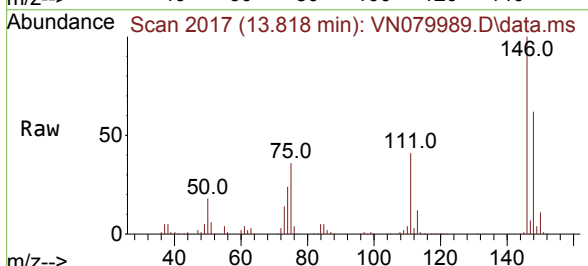
Tgt Ion:146 Resp: 195571

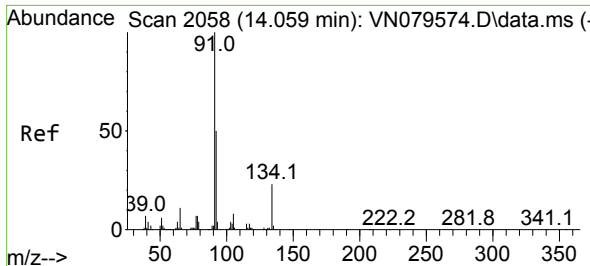
Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

148 63.1 32.6 97.7

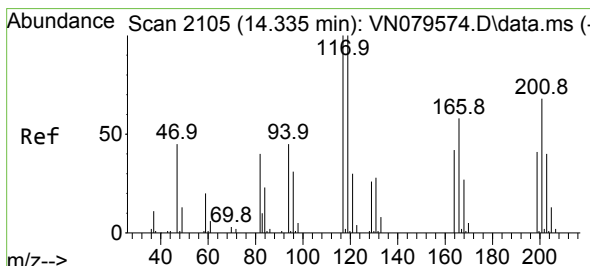
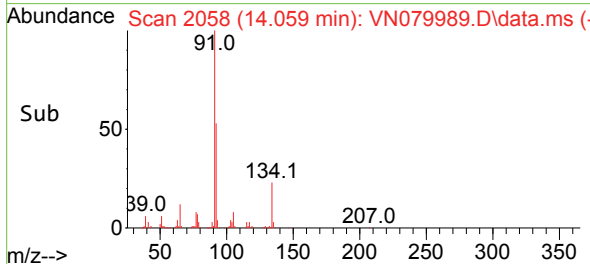
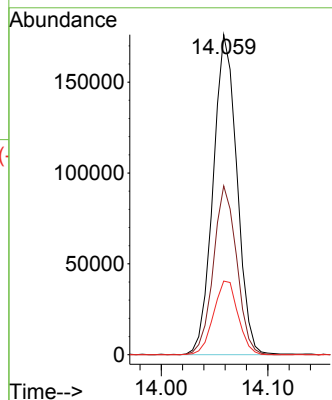
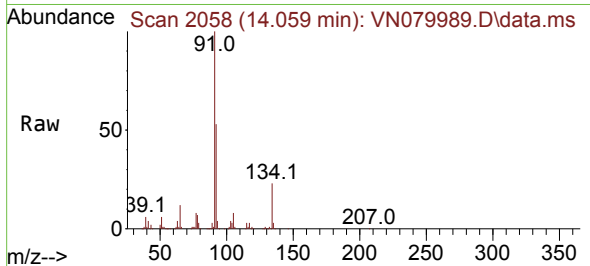




#85
n-Butylbenzene
Concen: 19.847 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

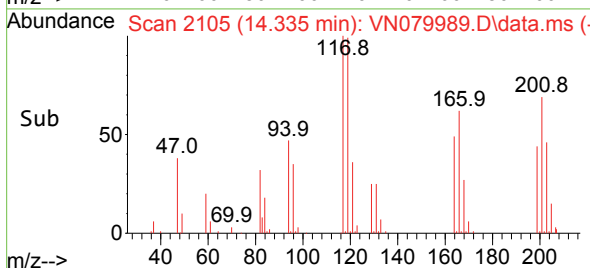
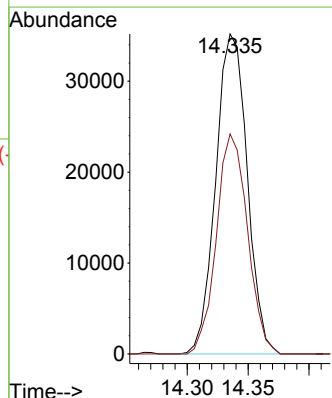
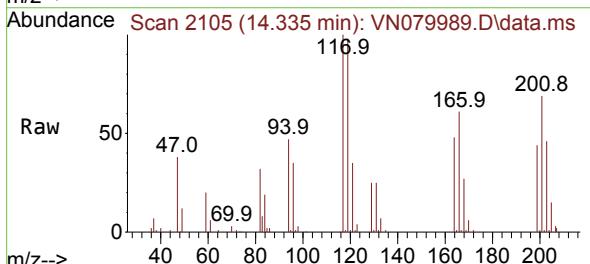
Instrument :
MSVOA_N
ClientSampleId :

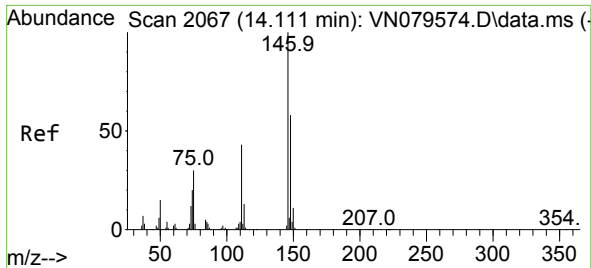
Tgt Ion: 91 Resp: 273211
Ion Ratio Lower Upper
91 100
92 51.6 0.0 99.6
134 23.7 0.0 46.2



#86
Hexachloroethane
Concen: 19.762 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion: 117 Resp: 63249
Ion Ratio Lower Upper
117 100
201 68.0 32.5 97.5

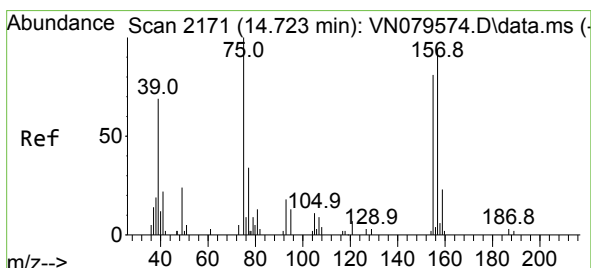
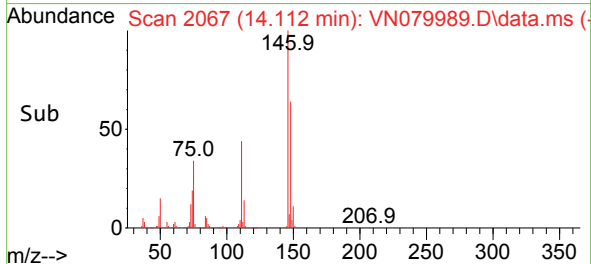
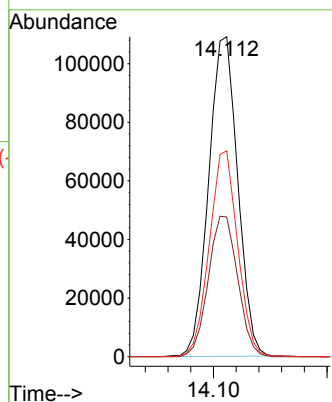
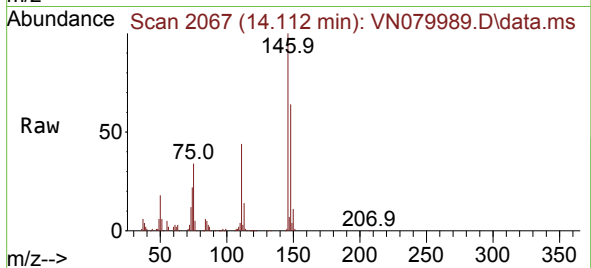




#87
 1,2-Dichlorobenzene
 Concen: 20.364 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

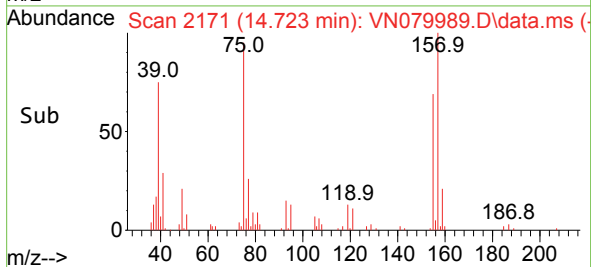
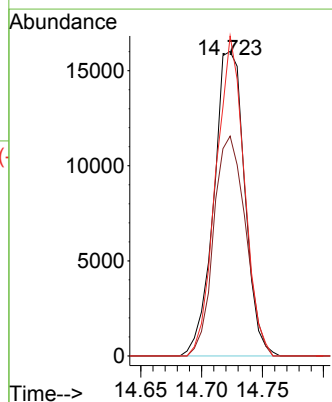
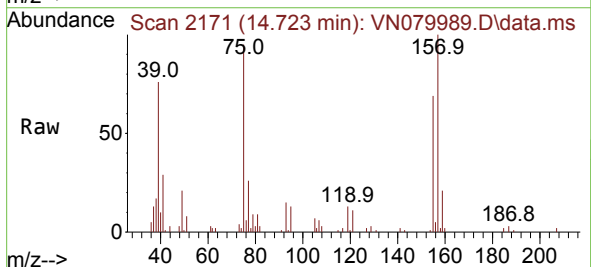
Instrument :
 MSVOA_N
 ClientSampleId :

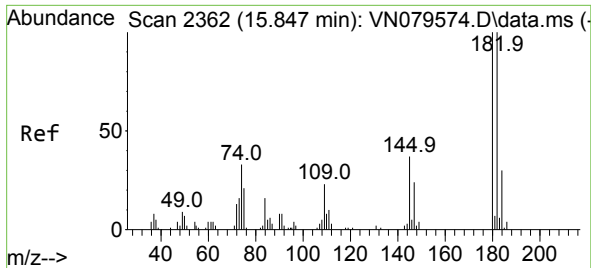
Tgt Ion:146 Resp: 193167
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.0 66.0
 148 63.0 31.1 93.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.466 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079989.D
 Acq: 08 Nov 2023 13:33

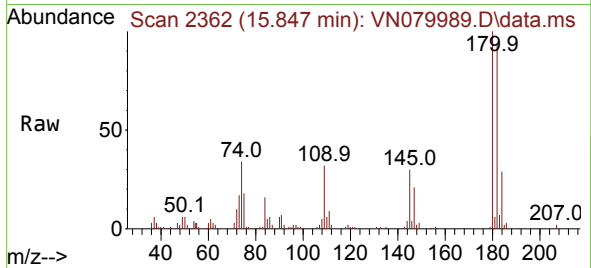
Tgt Ion: 75 Resp: 28254
 Ion Ratio Lower Upper
 75 100
 155 74.4 60.7 91.1
 157 96.0 76.8 115.2



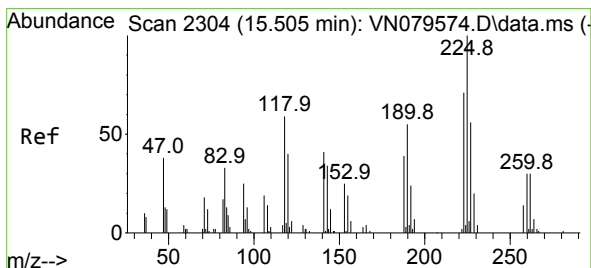
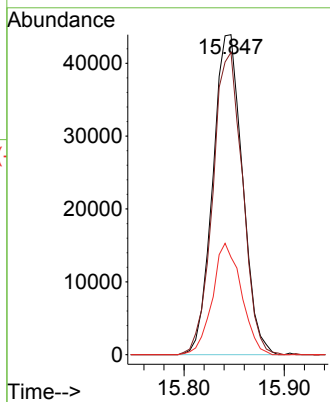
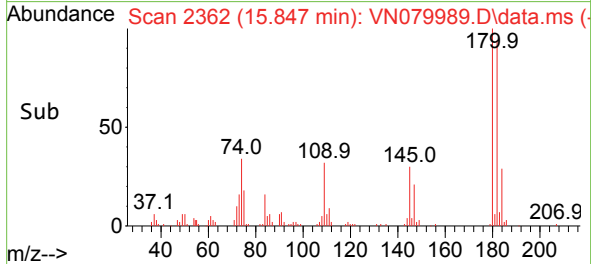


#89
1,2,4-Trichlorobenzene
Concen: 20.524 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

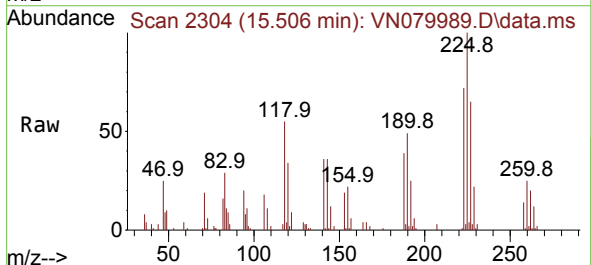
Instrument :
MSVOA_N
ClientSampleId :



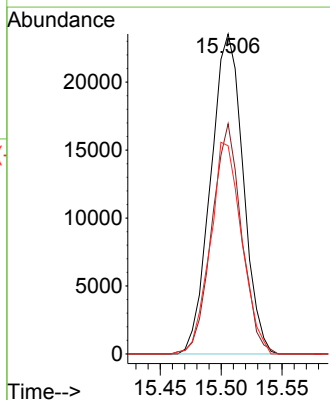
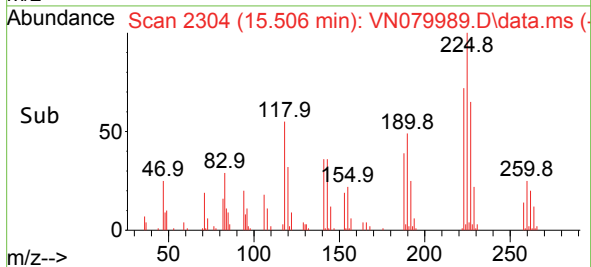
Tgt Ion:180 Resp: 90195
Ion Ratio Lower Upper
180 100
182 94.4 74.2 111.4
145 34.0 25.4 38.2

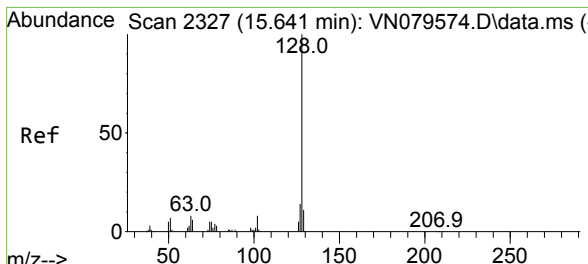


#90
Hexachlorobutadiene
Concen: 20.130 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33



Tgt Ion:225 Resp: 43597
Ion Ratio Lower Upper
225 100
223 65.9 0.0 126.0
227 64.3 0.0 127.0

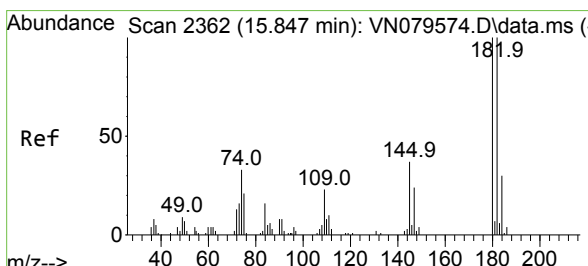
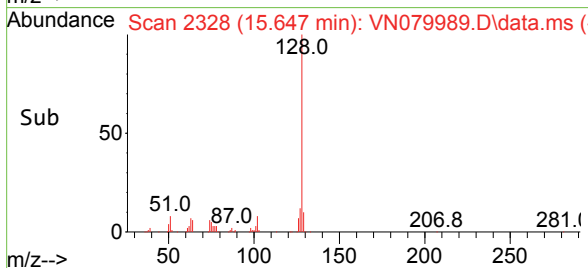
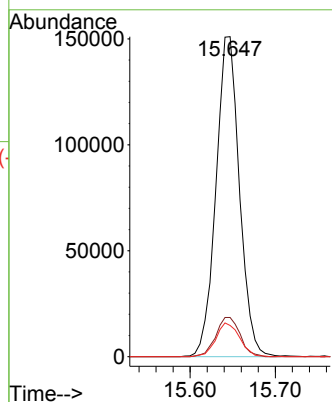
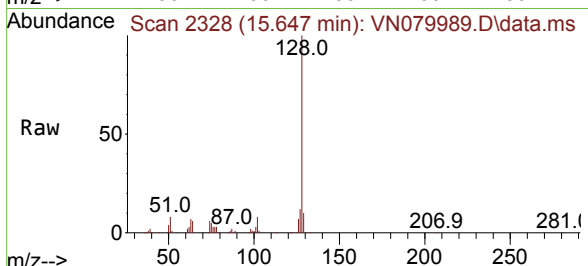




#91
Naphthalene
Concen: 20.492 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	288995
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.9	16.3
129	10.7	8.6	12.8



#92
1,2,3-Trichlorobenzene
Concen: 20.524 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079989.D
Acq: 08 Nov 2023 13:33

Tgt Ion:	180	Resp:	90195
Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	185.6
145	34.0	0.0	63.6

