

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080020.D
 Acq On : 09 Nov 2023 03:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 04:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	72792	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	355361	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	334042	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	185306	30.327	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.100%
60) 4-Bromofluorobenzene	12.853	95	152927	28.628	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.433%
63) Toluene-d8	10.571	98	484054	30.583	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.933%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	78426	16.524	ug/l	99
3) Chloromethane	2.360	50	109907	18.382	ug/l	93
4) Vinyl Chloride	2.512	62	96930	19.400	ug/l	100
5) Bromomethane	2.965	94	37641	13.759	ug/l	97
6) Chloroethane	3.124	64	63104	21.744	ug/l	99
7) Trichlorofluoromethane	3.495	101	130111	17.351	ug/l	100
8) Diethyl Ether	3.965	74	48175	17.896	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	41372	9.766	ug/l	59
10) 1,1-Dichloroethene	4.348	96	68243	18.209	ug/l	90
11) Methyl Iodide	4.595	142	59367	11.976	ug/l	93
12) Methyl Acetate	5.024	43	176589	18.174	ug/l	95
13) Acrolein	4.183	56	67584	82.326	ug/l	95
14) Acrylonitrile	5.718	53	211519	91.652	ug/l	98
15) Acetone	4.430	58	52848	67.818	ug/l	90
16) Carbon Disulfide	4.712	76	206283	16.119	ug/l	99
17) Allyl chloride	5.024	41	53134	8.114	ug/l	93
18) Methylene Chloride	5.283	84	97298	19.359	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	79907	17.201	ug/l	94
20) Diisopropyl ether	6.671	45	283432	18.520	ug/l	98
21) 1,1-Dichloroethane	6.571	63	168571	18.453	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	94932	17.610	ug/l	96
23) tert-Butyl Alcohol	5.524	59	46941	75.355	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	252010	18.262	ug/l	98
25) Chloroform	7.965	83	178478	18.927	ug/l	94
26) Cyclohexane	8.265	56	110802	15.418	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	112076	18.376	ug/l	99
30) 2-Butanone	7.489	43	263009	90.298	ug/l	100
31) 2,2-Dichloropropane	7.489	77	106936	16.222	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	140110	20.123	ug/l	100
33) Carbon Tetrachloride	8.365	117	117903	19.266	ug/l	100
34) Benzene	8.606	78	368732	20.352	ug/l	97
35) Methacrylonitrile	7.783	41	60888	19.939	ug/l	92
36) 1,2-Dichloroethane	8.671	62	143195	21.839	ug/l	100
37) Trichloroethene	9.353	130	82929	19.033	ug/l	98
38) Methylcyclohexane	9.606	83	96464	16.845	ug/l	97
39) 1,2-Dichloropropane	9.624	63	99243	20.695	ug/l	100
40) Dibromomethane	9.712	93	66726	21.527	ug/l	98
41) Bromodichloromethane	9.888	83	136069	21.195	ug/l	97
42) Vinyl Acetate	6.606	43	703032	97.174	ug/l	100

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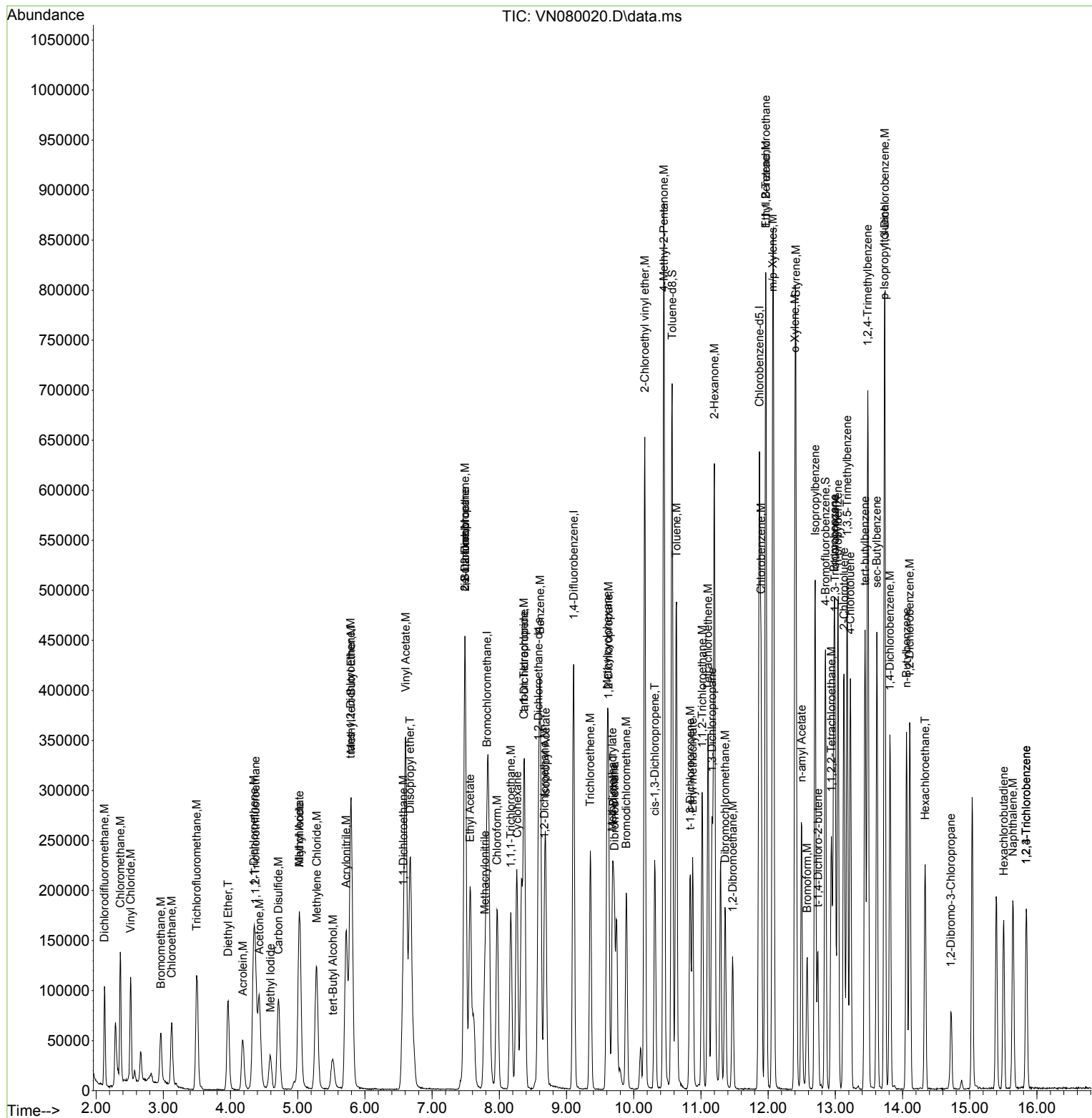
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	116288	21.253	ug/l	98
44) Isopropyl Acetate	8.689	43	176375	19.783	ug/l	93
45) 1,4-Dioxane	9.700	88	26057	379.245	ug/l #	82
46) Methyl methacrylate	9.683	41	88624	20.679	ug/l	90
47) n-amyl Acetate	12.500	43	132820	18.547	ug/l	93
48) t-1,3-Dichloropropene	10.841	75	122708	18.716	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	139686	19.272	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	91342	21.602	ug/l	88
51) Ethyl methacrylate	10.877	69	115390	18.987	ug/l	96
52) 1,3-Dichloropropane	11.165	76	159535	21.104	ug/l	99
53) Dibromochloromethane	11.359	129	95472	21.106	ug/l	99
54) 1,2-Dibromoethane	11.471	107	87425	20.591	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	283339	101.366	ug/l	98
56) Bromoform	12.582	173	59991	20.239	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	575393	103.104	ug/l	98
59) 2-Hexanone	11.200	43	401719	94.495	ug/l	98
61) Tetrachloroethene	11.106	164	78533	20.053	ug/l	90
62) Toluene	10.635	91	371746	19.241	ug/l	97
64) Chlorobenzene	11.894	112	217957	18.904	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	85815	20.291	ug/l	96
66) Ethyl Benzene	11.965	91	364368	17.947	ug/l	97
67) m/p-Xylenes	12.071	106	279596	36.991	ug/l	95
68) o-Xylene	12.400	106	135577	18.714	ug/l	99
69) Styrene	12.412	104	224650	18.732	ug/l	99
70) Isopropylbenzene	12.700	105	325269	17.999	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	127829	20.768	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	154075	26.941	ug/l	68
73) Bromobenzene	12.982	156	84557	19.033	ug/l	98
74) n-propylbenzene	13.035	91	387081	17.905	ug/l	100
75) 2-Chlorotoluene	13.129	91	248237	18.065	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	276723	18.514	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	28659	15.304	ug/l	96
78) 4-Chlorotoluene	13.224	91	247178	18.112	ug/l	100
79) tert-butylbenzene	13.441	119	209365	17.886	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	270322	18.444	ug/l	99
81) sec-Butylbenzene	13.618	105	296568	17.948	ug/l	98
82) p-Isopropyltoluene	13.729	119	244799	18.242	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	150603	18.604	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	143895	18.109	ug/l	98
85) n-Butylbenzene	14.059	91	193546	17.245	ug/l	100
86) Hexachloroethane	14.335	117	45411	17.403	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	148582	19.211	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	21487	19.089	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	62140	17.343	ug/l	97
90) Hexachlorobutadiene	15.506	225	31552	17.868	ug/l	97
91) Naphthalene	15.641	128	174874	15.209	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	62140	17.343	ug/l	97

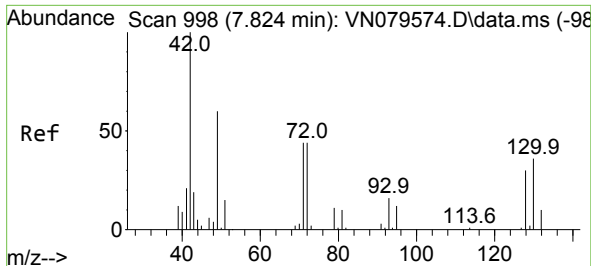
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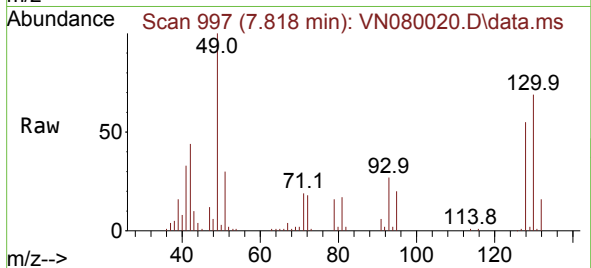
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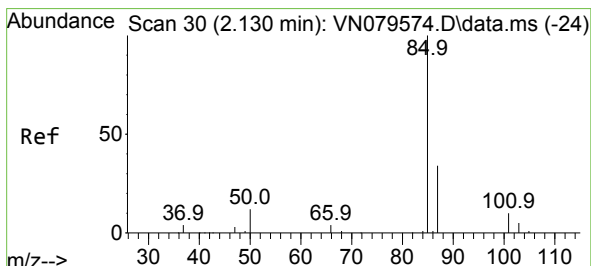
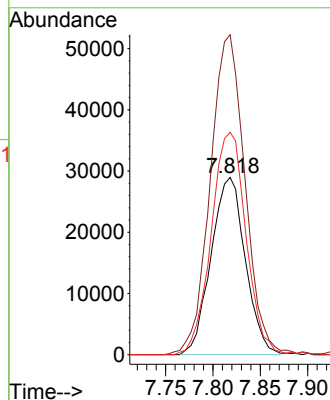
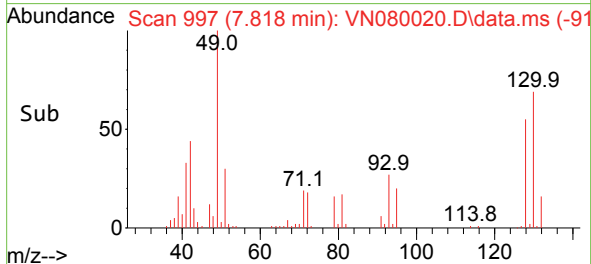


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080020.D
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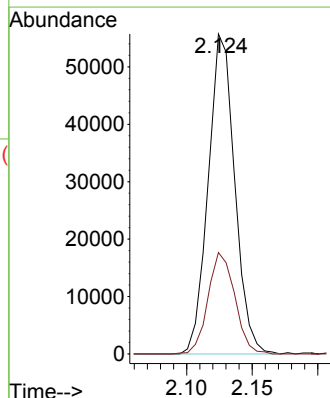
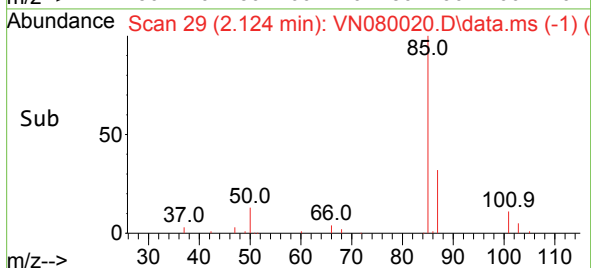
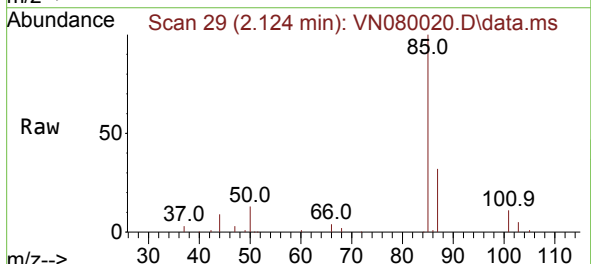


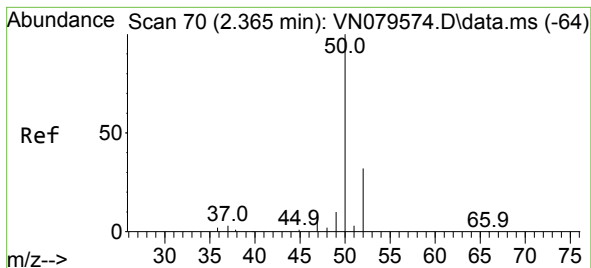
Tgt Ion:128 Resp: 72792
Ion Ratio Lower Upper
128 100
49 182.8 0.0 468.5
130 127.8 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 16.524 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 85 Resp: 78426
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7





#3

Chloromethane

Concen: 18.382 ug/l

RT: 2.360 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

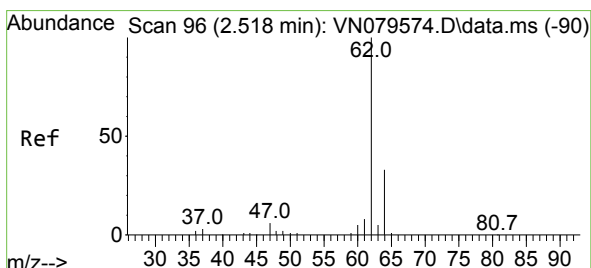
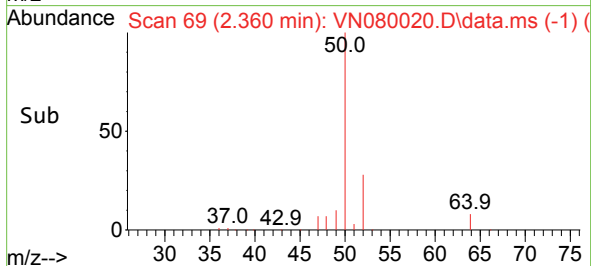
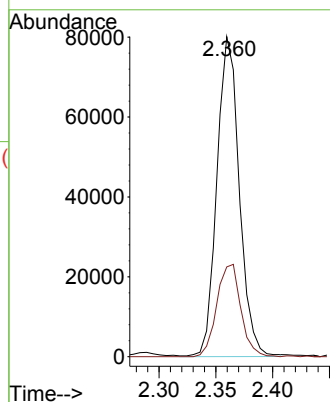
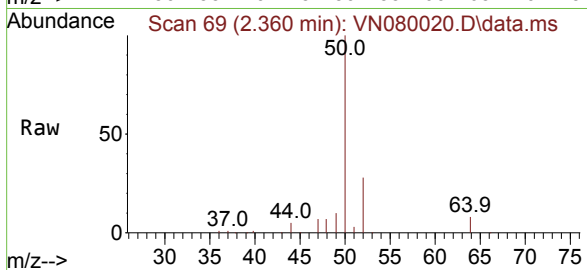
ClientSampleId :

Tgt Ion: 50 Resp: 109907

Ion Ratio Lower Upper

50 100

52 28.1 25.6 38.4



#4

Vinyl Chloride

Concen: 19.400 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN080020.D

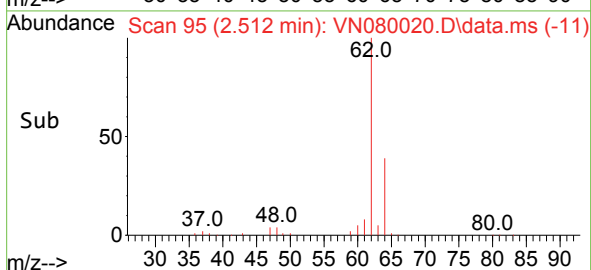
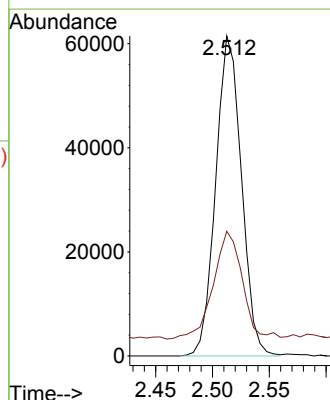
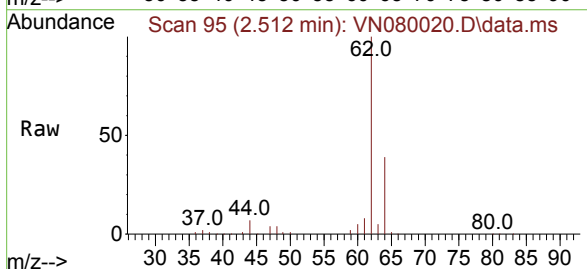
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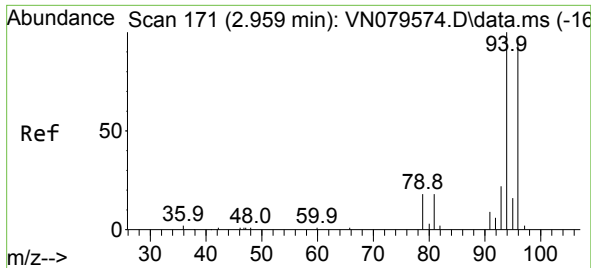
Tgt Ion: 62 Resp: 96930

Ion Ratio Lower Upper

62 100

64 33.1 26.4 39.6

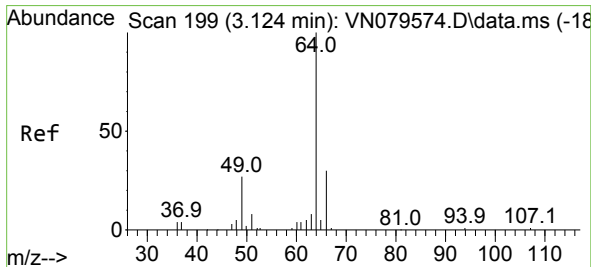
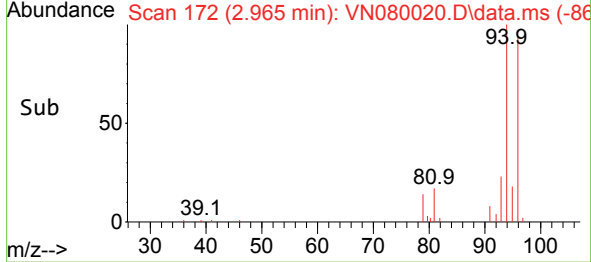
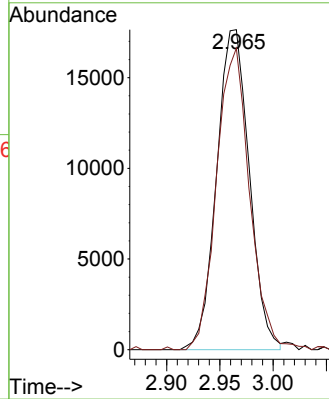
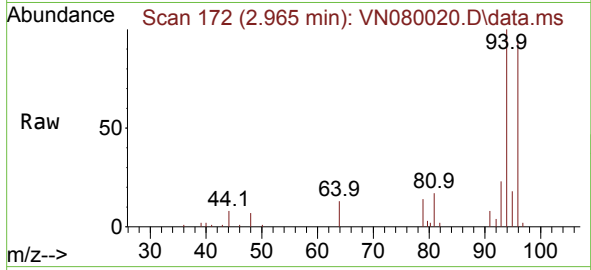




#5
Bromomethane
Concen: 13.759 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

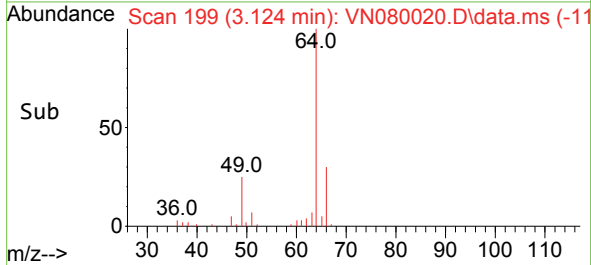
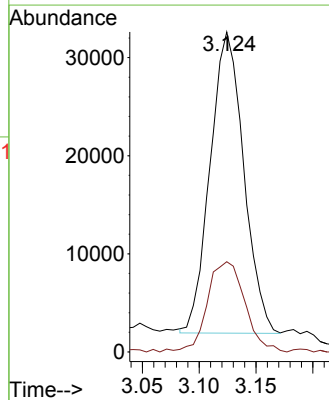
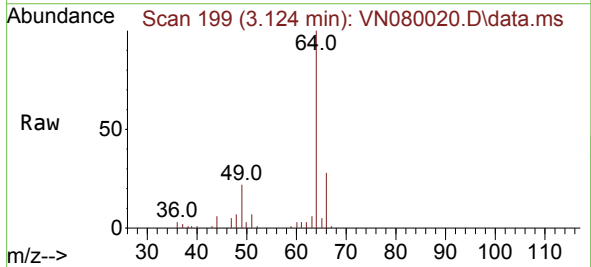
Instrument :
MSVOA_N
ClientSampleId :

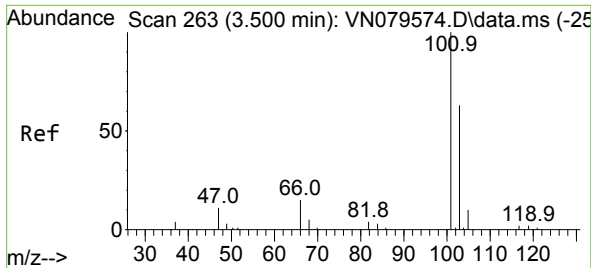
Tgt Ion: 94 Resp: 37641
Ion Ratio Lower Upper
94 100
96 94.2 77.8 116.6



#6
Chloroethane
Concen: 21.744 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

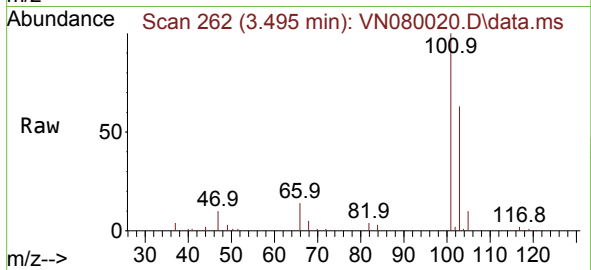
Tgt Ion: 64 Resp: 63104
Ion Ratio Lower Upper
64 100
66 29.5 23.3 34.9



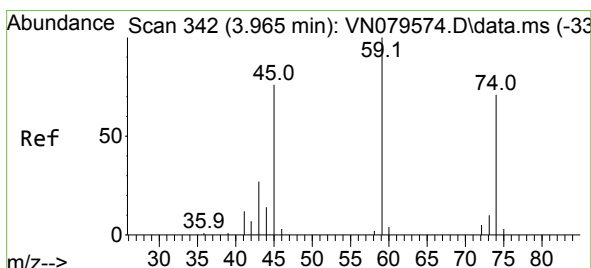
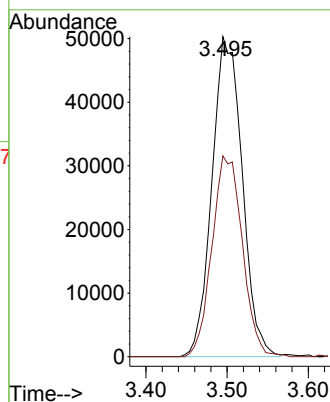
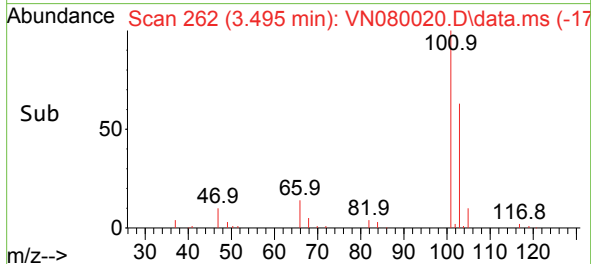


#7
 Trichlorofluoromethane
 Concen: 17.351 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.005 min
 Lab File: VN080020.D
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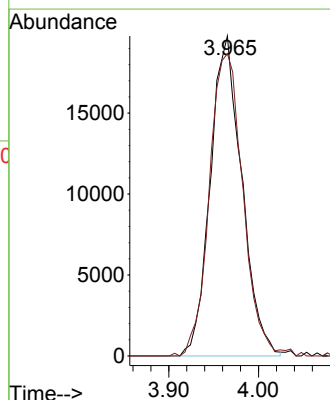
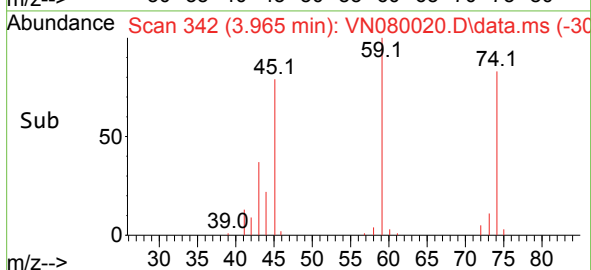
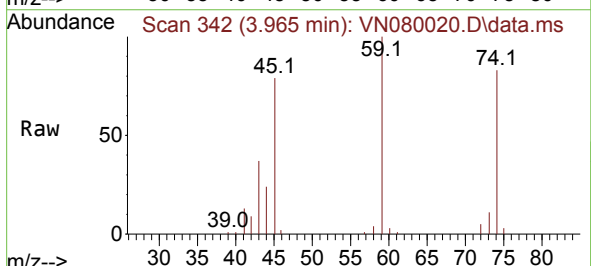


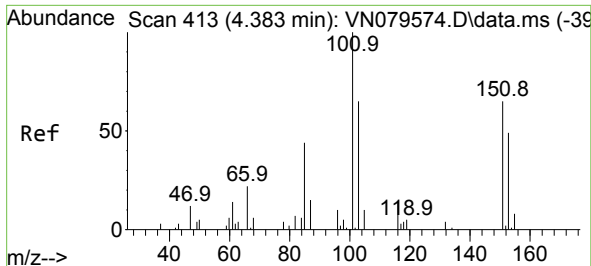
Tgt Ion:101 Resp: 130111
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.9 74.9



#8
 Diethyl Ether
 Concen: 17.896 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Tgt Ion: 74 Resp: 48175
 Ion Ratio Lower Upper
 74 100
 45 99.7 19.0 171.0

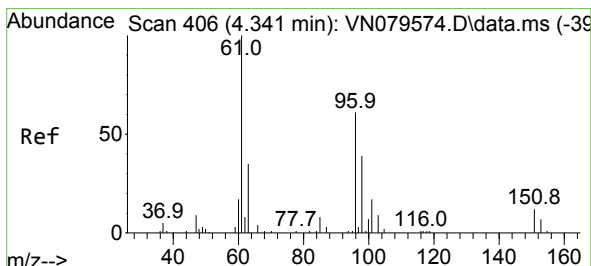
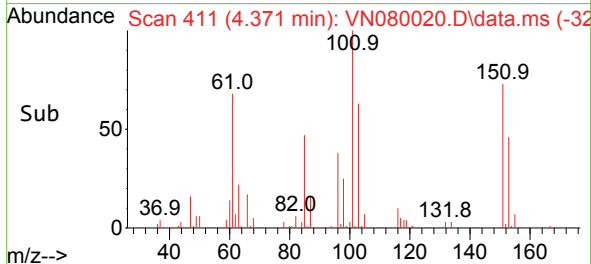
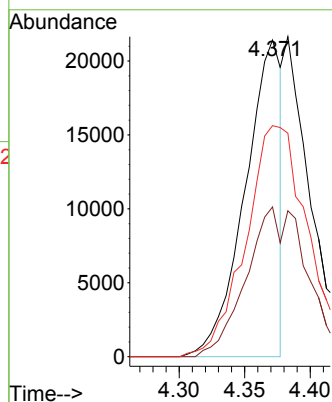
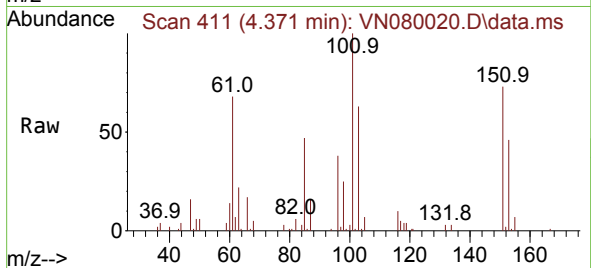




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.766 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

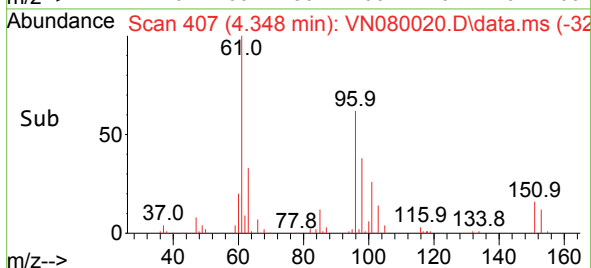
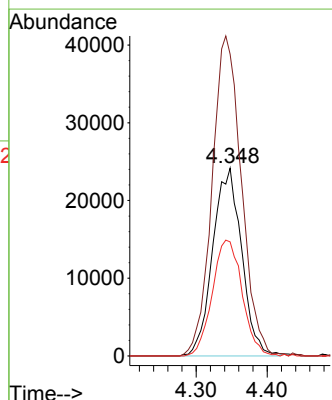
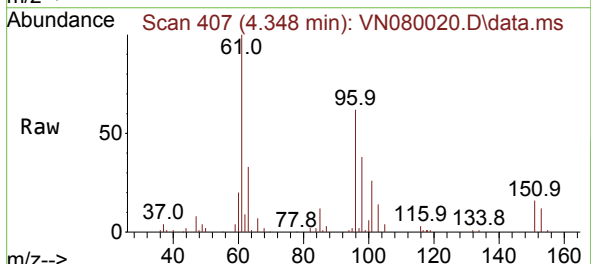
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ClientSampleId :

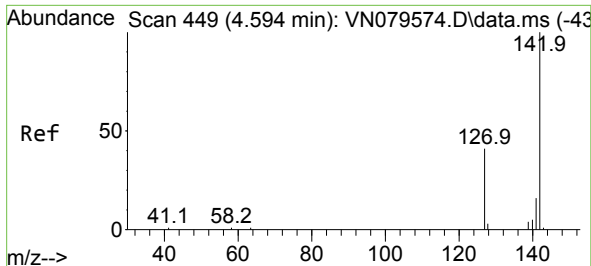
Tgt Ion:101 Resp: 41372
Ion Ratio Lower Upper
101 100
85 45.1 0.0 92.0
151 124.1 0.0 138.4



#10
1,1-Dichloroethene
Concen: 18.209 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.007 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

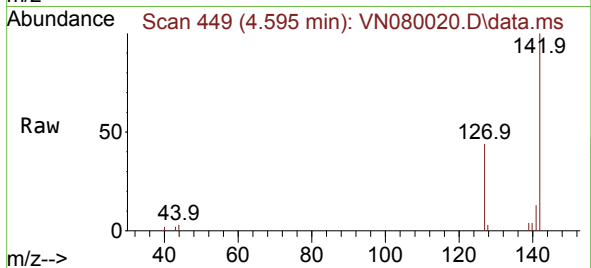
Tgt Ion: 96 Resp: 68243
Ion Ratio Lower Upper
96 100
61 160.6 141.3 211.9
98 60.7 53.2 79.8



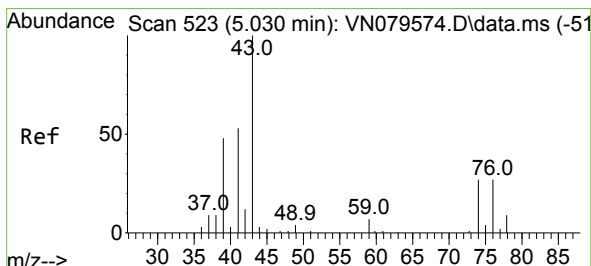
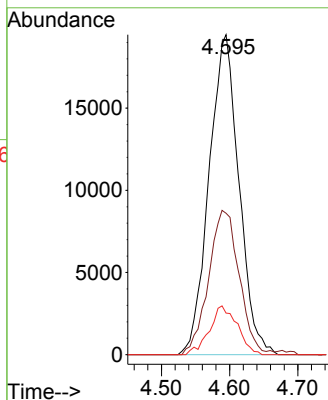
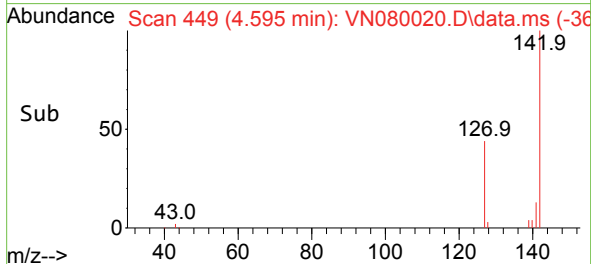


#11
Methyl Iodide
Concen: 11.976 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Instrument :
MSVOA_N
ClientSampleId :

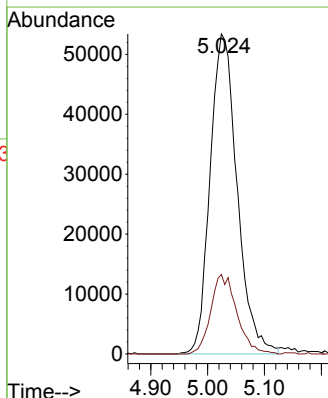
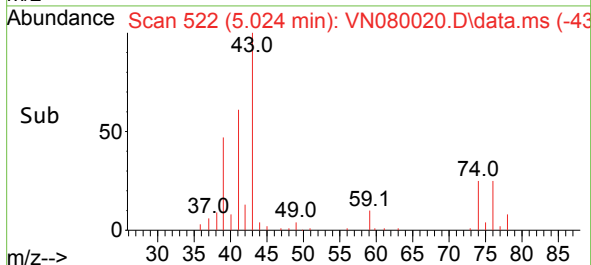
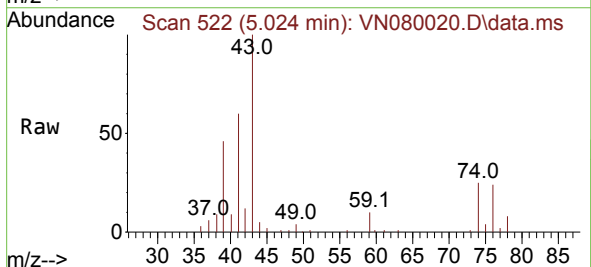


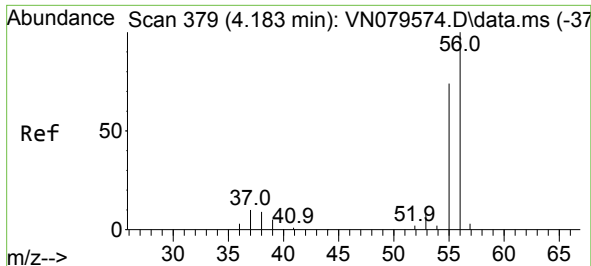
Tgt Ion:142 Resp: 59367
Ion Ratio Lower Upper
142 100
127 43.7 24.6 73.8
141 13.0 7.7 23.1



#12
Methyl Acetate
Concen: 18.174 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 43 Resp: 176589
Ion Ratio Lower Upper
43 100
74 25.1 18.1 27.1





#13

Acrolein

Concen: 82.326 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

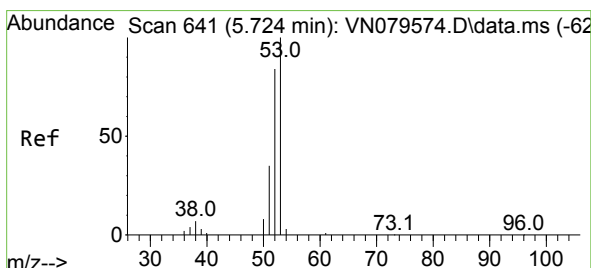
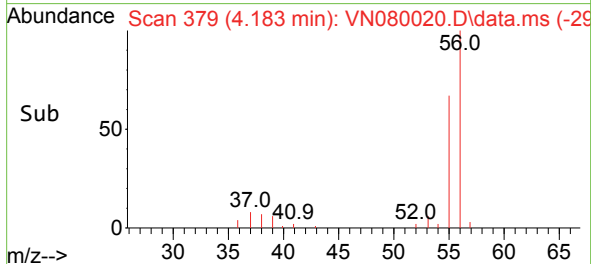
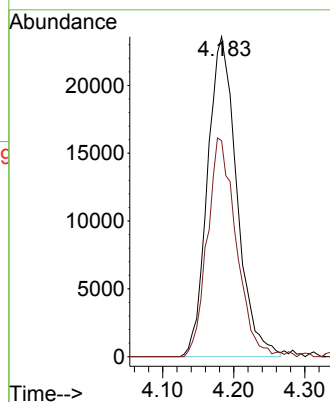
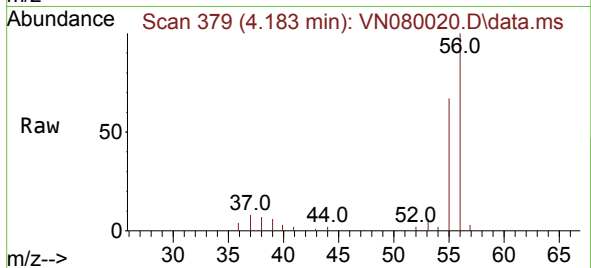
ClientSampleId :

Tgt Ion: 56 Resp: 67584

Ion Ratio Lower Upper

56 100

55 67.0 57.1 85.7



#14

Acrylonitrile

Concen: 91.652 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.006 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

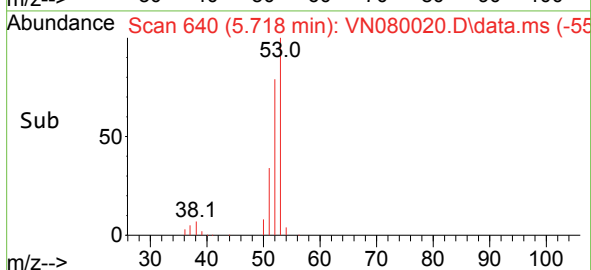
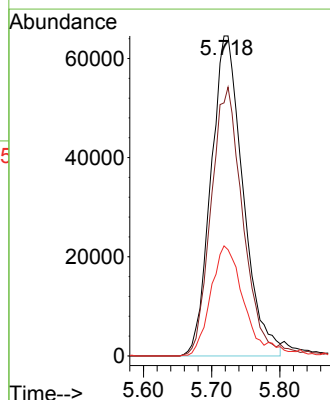
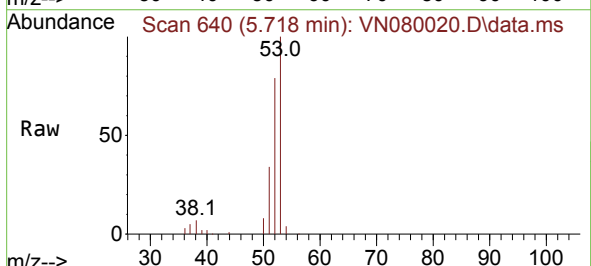
Tgt Ion: 53 Resp: 211519

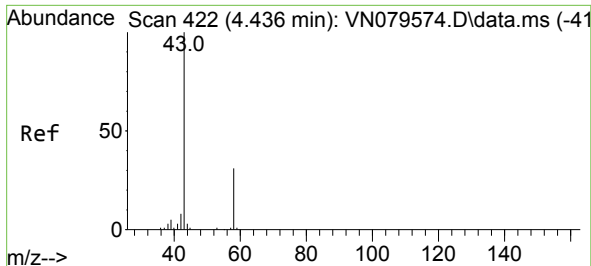
Ion Ratio Lower Upper

53 100

52 82.1 41.6 124.9

51 33.9 17.8 53.3

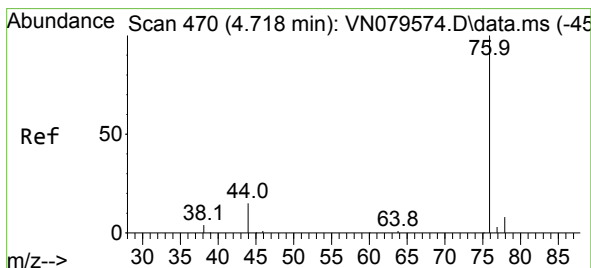
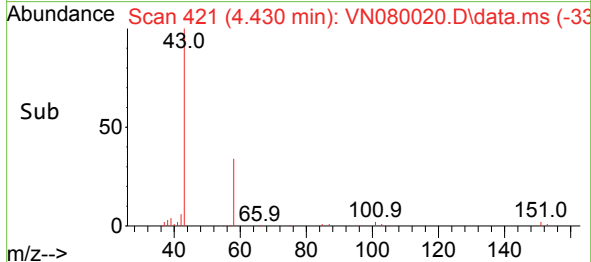
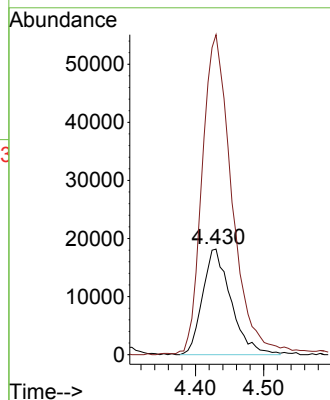
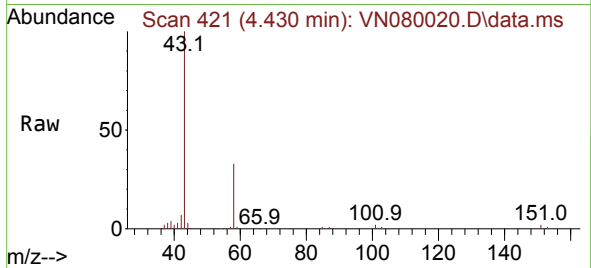




#15
Acetone
Concen: 67.818 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

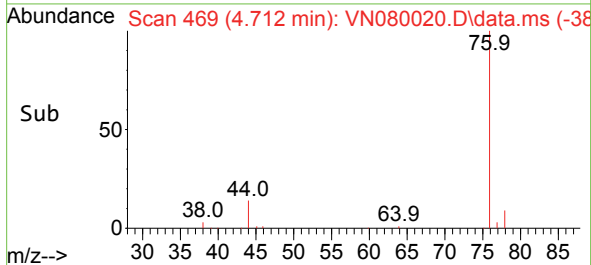
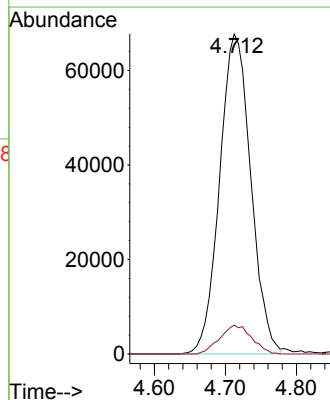
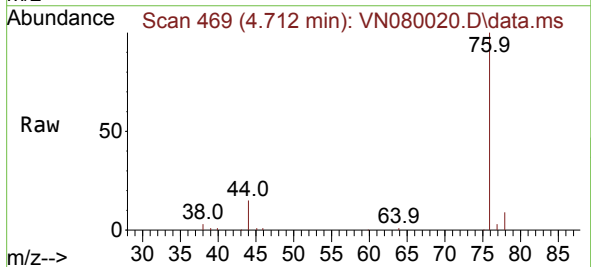
Instrument :
MSVOA_N
ClientSampleId :

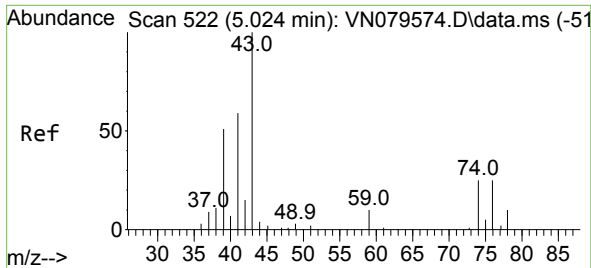
Tgt Ion: 58 Resp: 52848
Ion Ratio Lower Upper
58 100
43 299.8 225.2 337.8



#16
Carbon Disulfide
Concen: 16.119 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

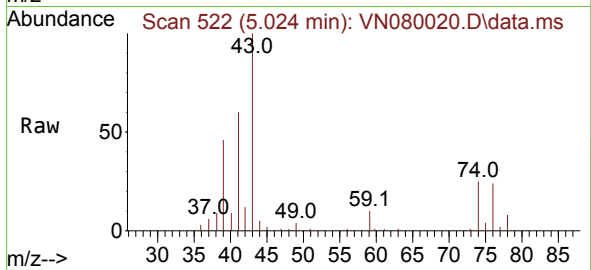
Tgt Ion: 76 Resp: 206283
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



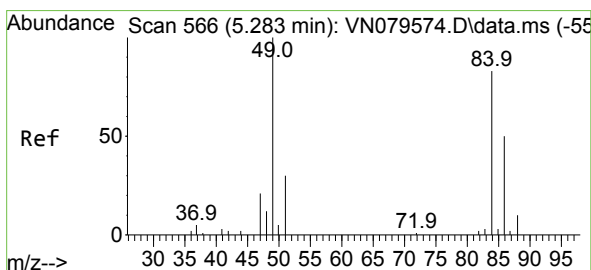
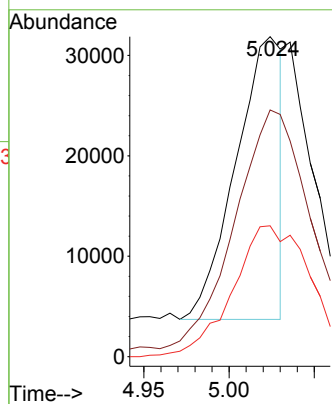
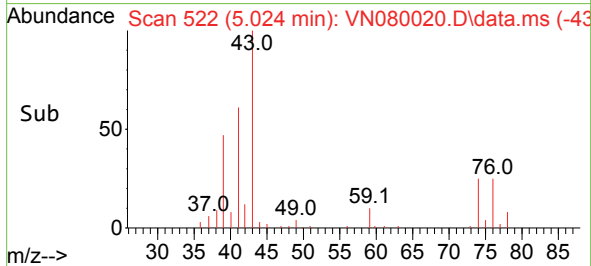


#17
 Allyl chloride
 Concen: 8.114 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Instrument :
 MSVOA_N
 ClientSampleId :

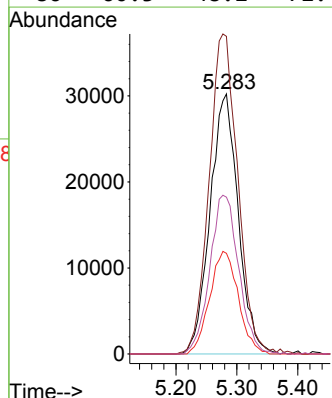
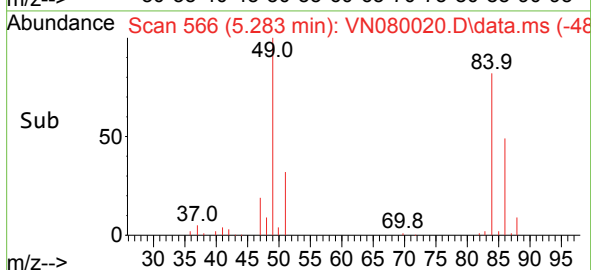
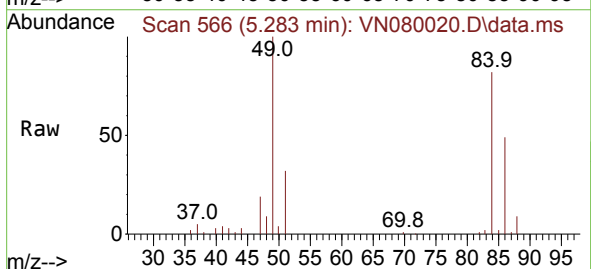


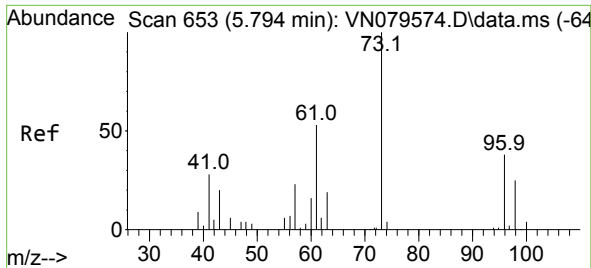
Tgt Ion: 41 Resp: 53134
 Ion Ratio Lower Upper
 41 100
 39 81.7 38.4 115.2
 76 44.3 19.5 58.5



#18
 Methylene Chloride
 Concen: 19.359 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Tgt Ion: 84 Resp: 97298
 Ion Ratio Lower Upper
 84 100
 49 121.6 100.9 151.3
 51 38.7 29.4 44.2
 86 60.3 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 17.201 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.005 min

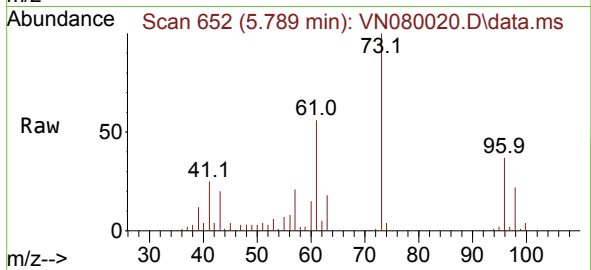
Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :



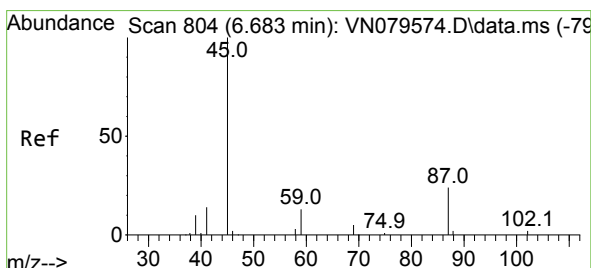
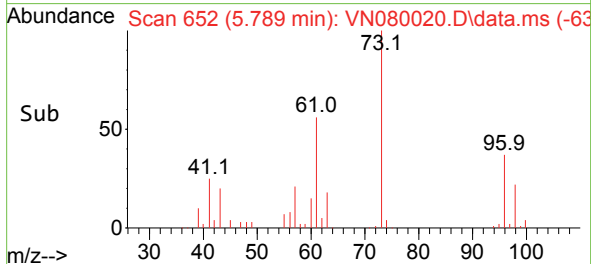
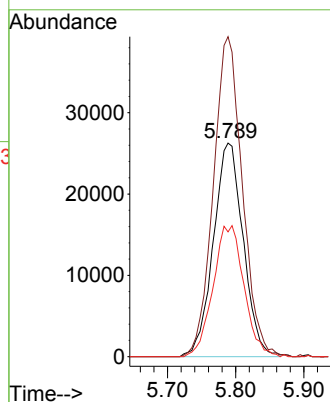
Tgt Ion: 96 Resp: 79907

Ion Ratio Lower Upper

96 100

61 149.8 113.4 170.0

98 58.4 50.4 75.6



#20

Diisopropyl ether

Concen: 18.520 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.012 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Tgt Ion: 45 Resp: 283432

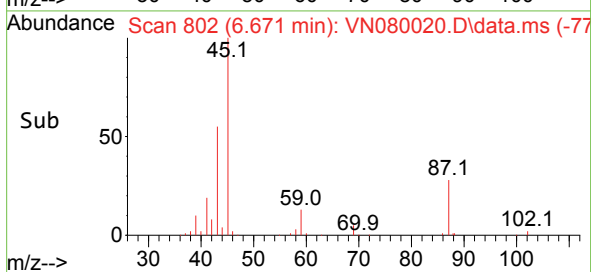
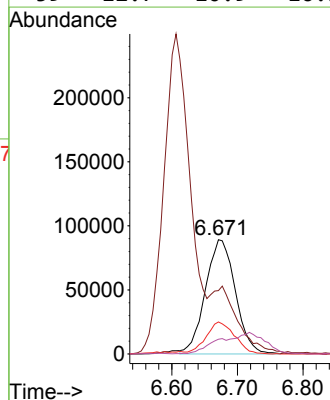
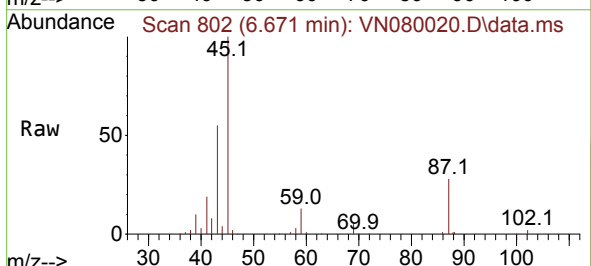
Ion Ratio Lower Upper

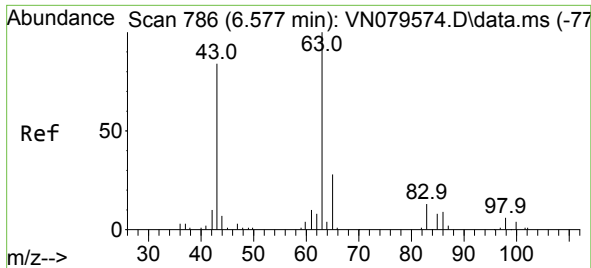
45 100

43 53.5 42.1 63.1

87 28.1 20.5 30.7

59 12.7 10.9 16.3





#21

1,1-Dichloroethane

Concen: 18.453 ug/l

RT: 6.571 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :

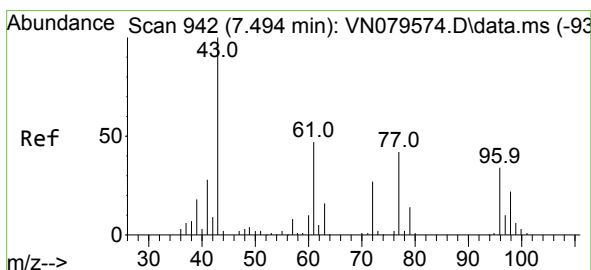
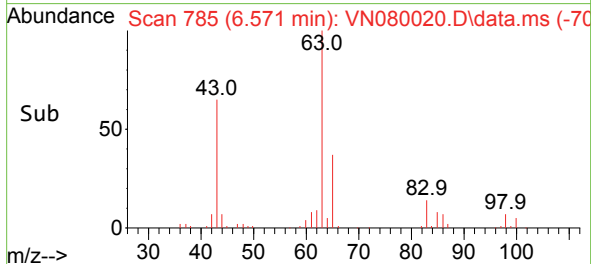
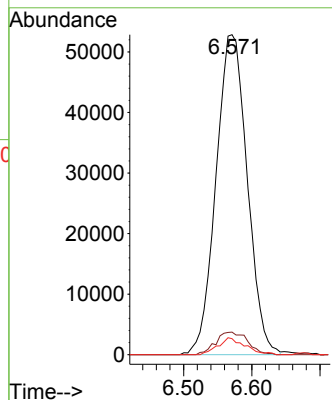
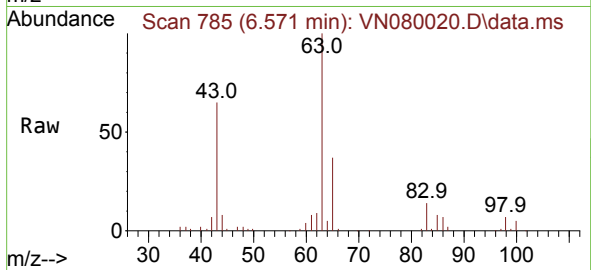
Tgt Ion: 63 Resp: 168571

Ion Ratio Lower Upper

63 100

98 7.0 2.8 8.4

100 5.0 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 17.610 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

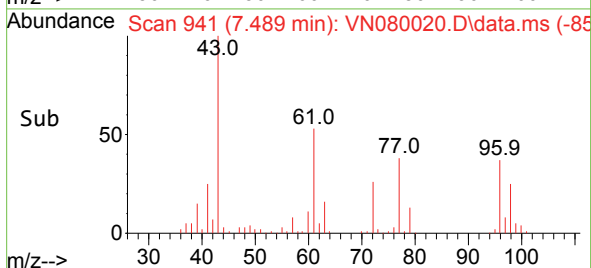
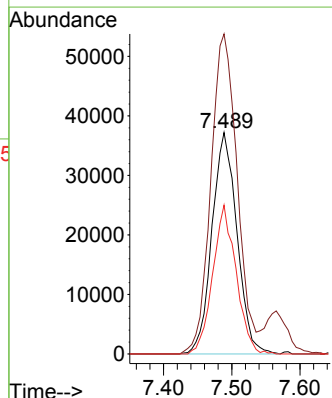
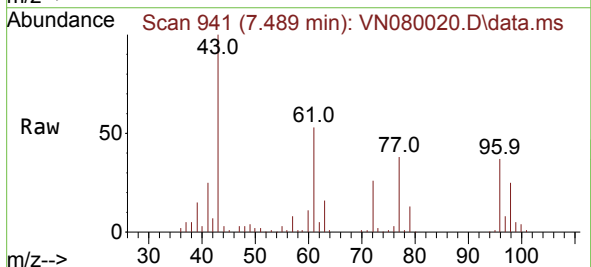
Tgt Ion: 96 Resp: 94932

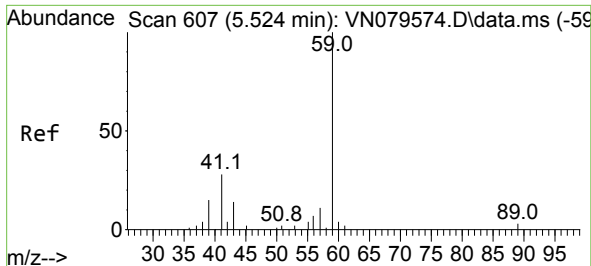
Ion Ratio Lower Upper

96 100

61 151.7 124.6 186.8

98 63.0 54.2 81.4

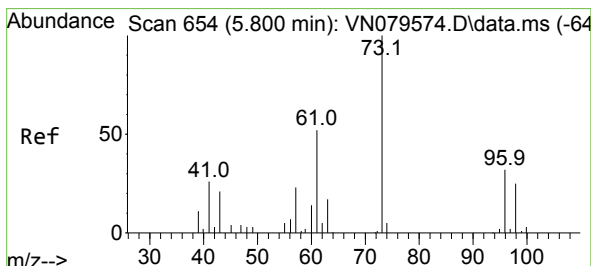
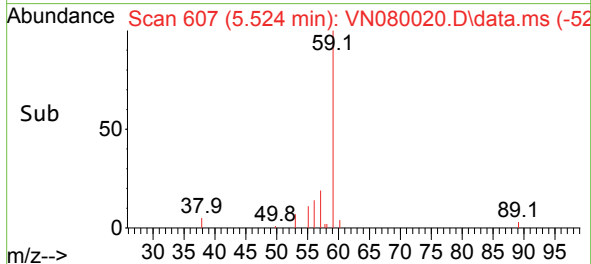
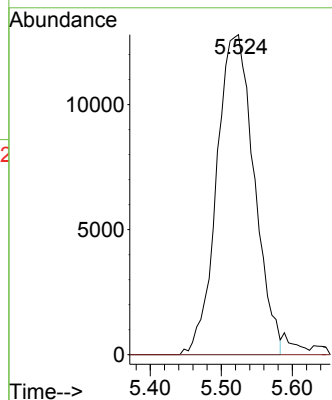
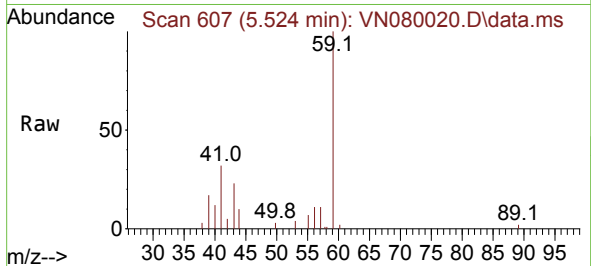




#23
tert-Butyl Alcohol
Concen: 75.355 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

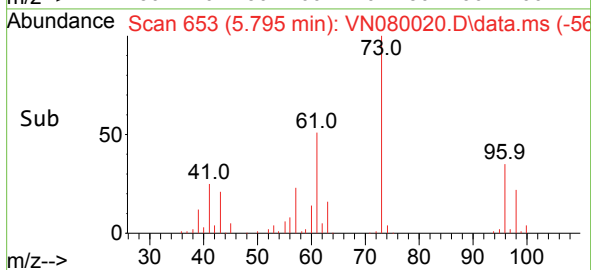
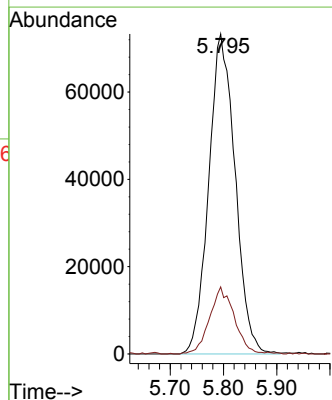
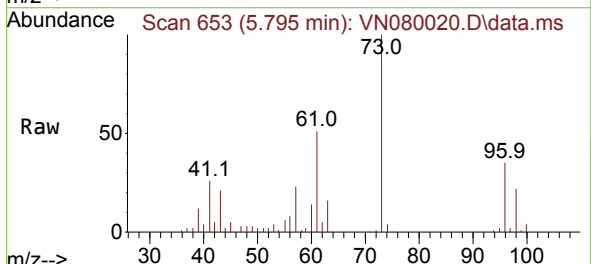
Instrument :
MSVOA_N
ClientSampleId :

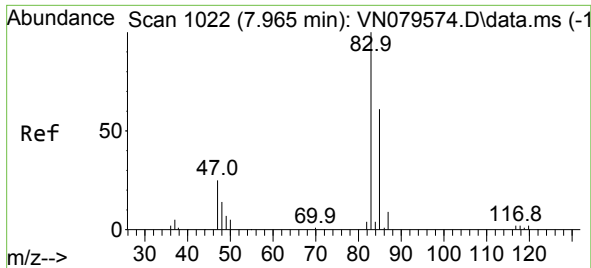
Tgt Ion: 59 Resp: 46941
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.262 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.005 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 73 Resp: 252010
Ion Ratio Lower Upper
73 100
43 19.5 16.6 24.8

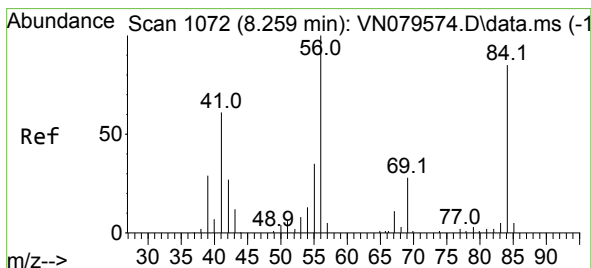
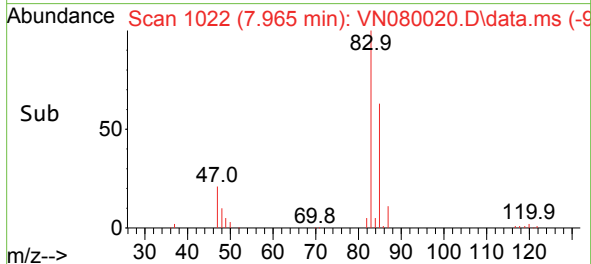
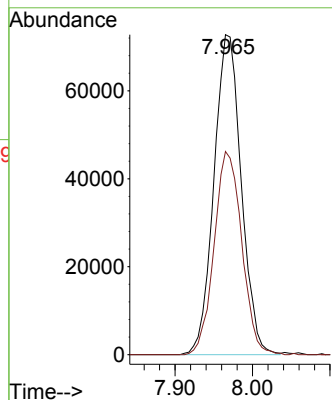
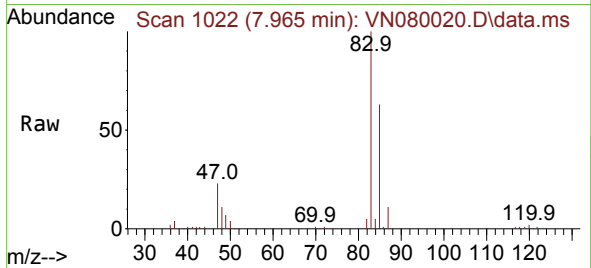




#25
Chloroform
Concen: 18.927 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

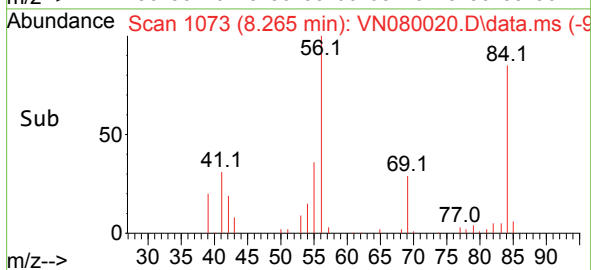
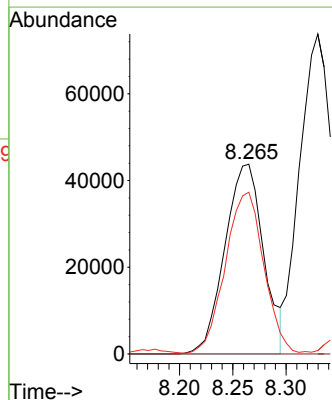
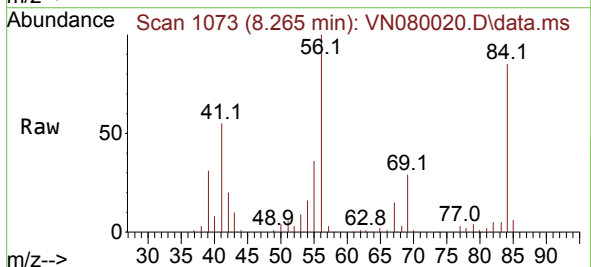
Instrument :
MSVOA_N
ClientSampleId :

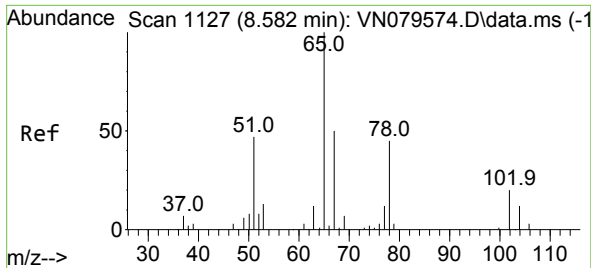
Tgt Ion: 83 Resp: 178478
Ion Ratio Lower Upper
83 100
85 63.5 47.4 71.2



#26
Cyclohexane
Concen: 15.418 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 56 Resp: 110802
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.327 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

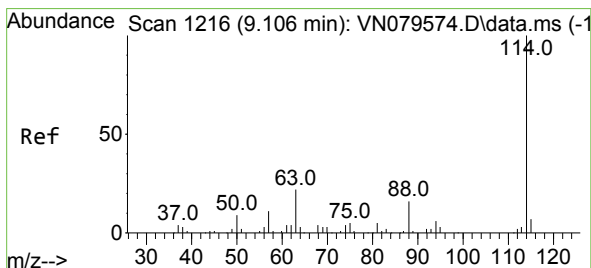
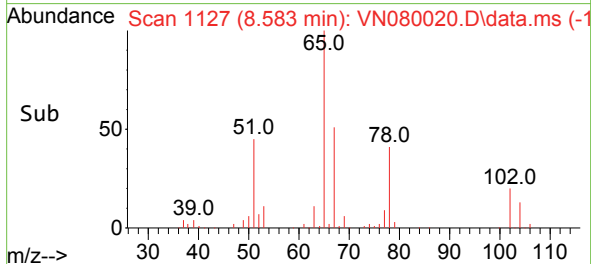
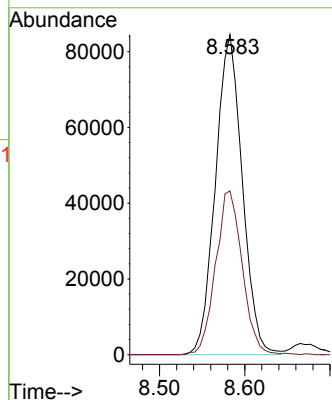
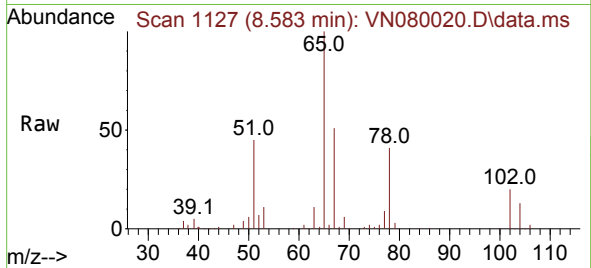
ClientSampleId :

Tgt Ion: 65 Resp: 185306

Ion Ratio Lower Upper

65 100

67 50.5 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: VN080020.D

Acq: 09 Nov 2023 03:04

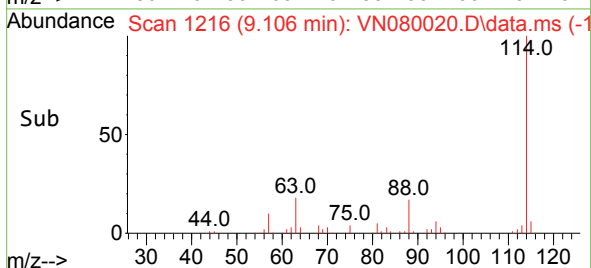
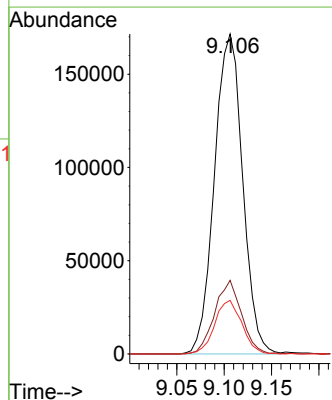
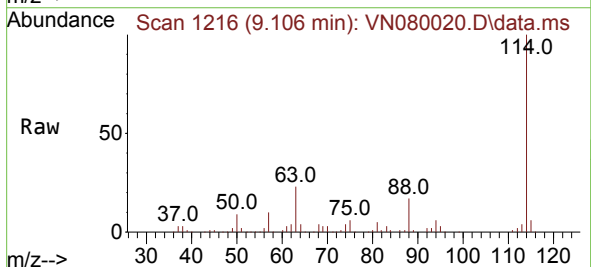
Tgt Ion: 114 Resp: 355361

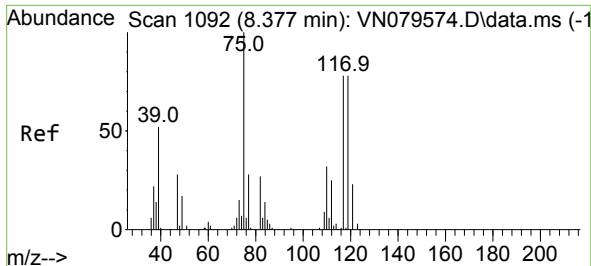
Ion Ratio Lower Upper

114 100

63 22.0 18.1 27.1

88 16.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 18.376 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.006 min

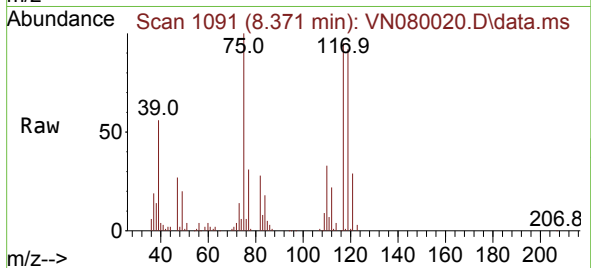
Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :



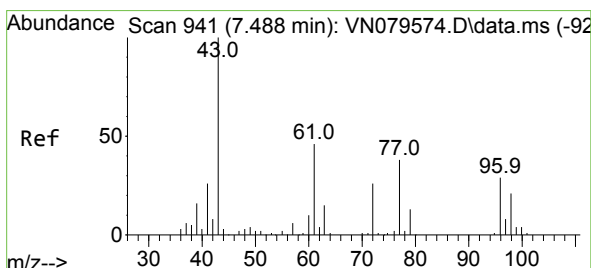
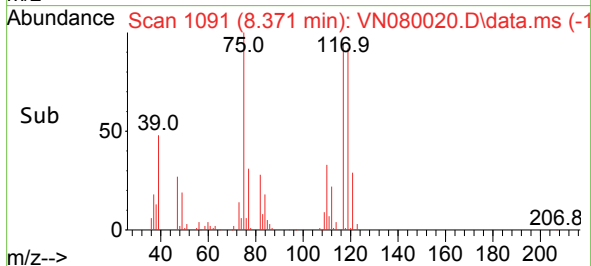
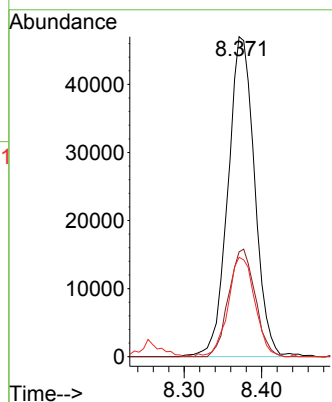
Tgt Ion: 75 Resp: 112076

Ion Ratio Lower Upper

75 100

110 33.5 0.0 66.8

77 31.1 0.0 61.2



#30

2-Butanone

Concen: 90.298 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.001 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

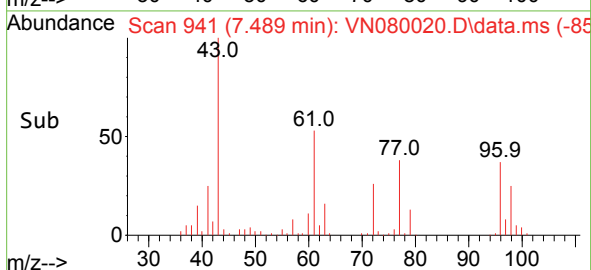
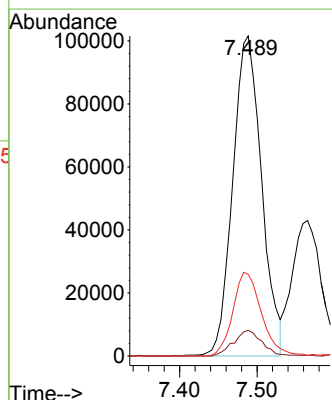
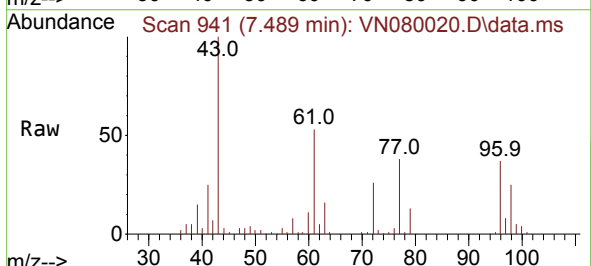
Tgt Ion: 43 Resp: 263009

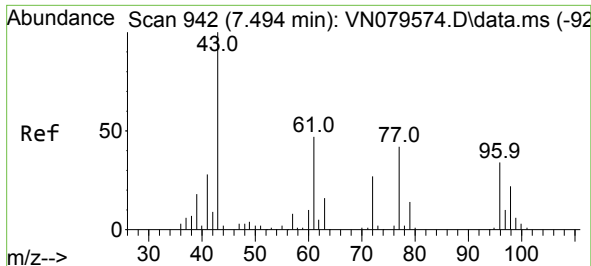
Ion Ratio Lower Upper

43 100

57 8.0 6.4 9.6

72 25.9 20.7 31.1

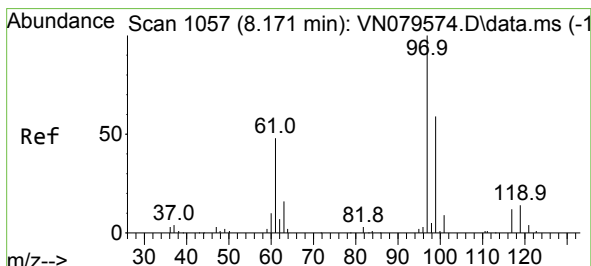
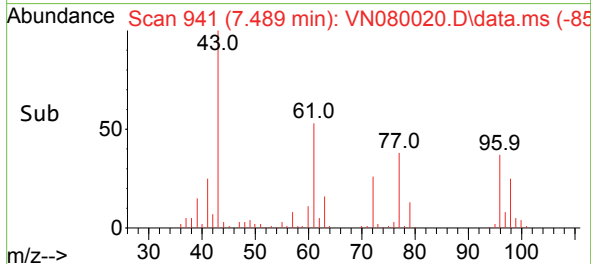
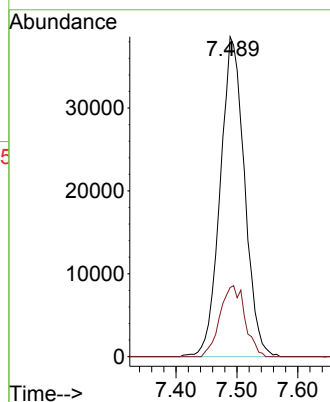
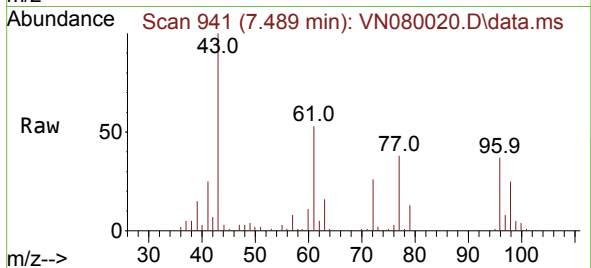




#31
2,2-Dichloropropane
Concen: 16.222 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

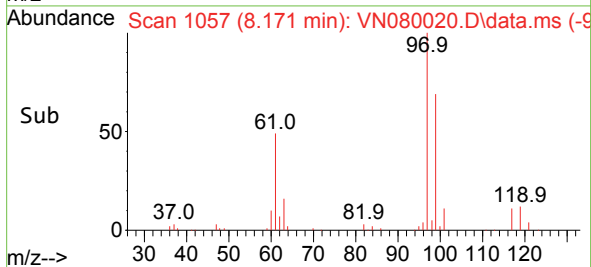
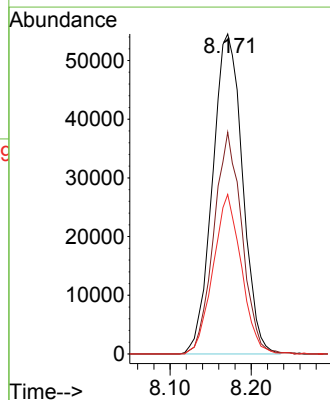
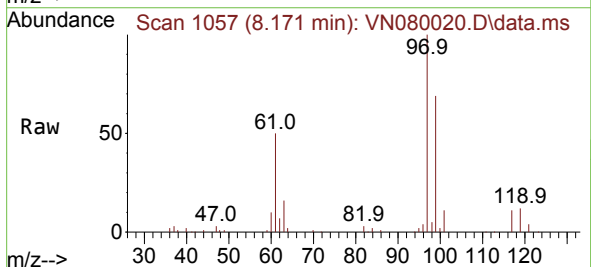
Instrument :
MSVOA_N
ClientSampleId :

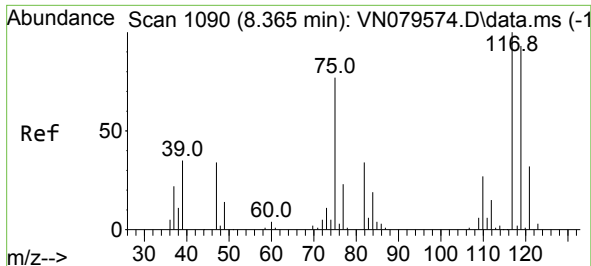
Tgt Ion: 77 Resp: 106936
Ion Ratio Lower Upper
77 100
97 22.9 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 20.123 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

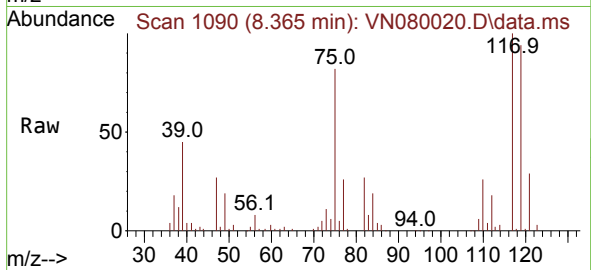
Tgt Ion: 97 Resp: 140110
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 46.9 37.6 56.4



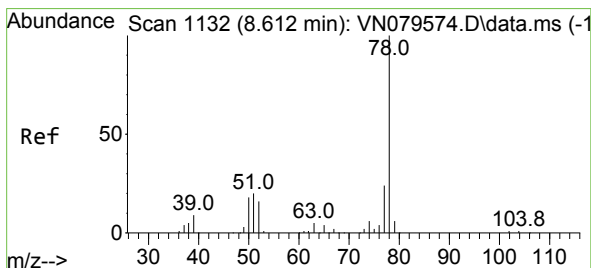
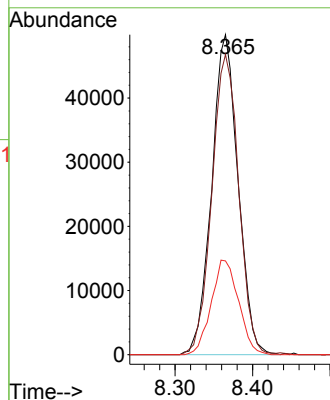
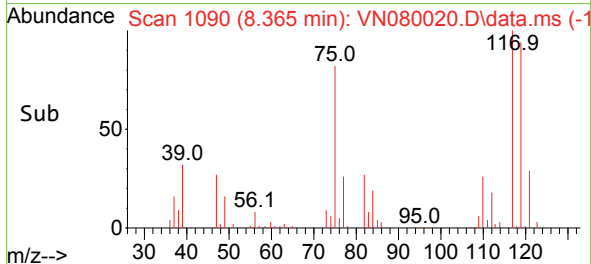


#33
Carbon Tetrachloride
Concen: 19.266 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Instrument :
MSVOA_N
ClientSampleId :

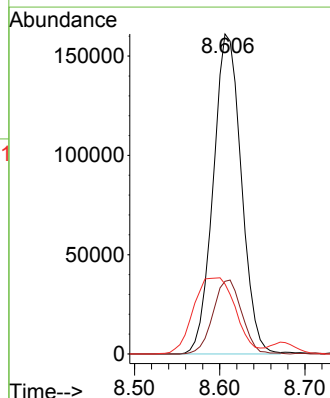
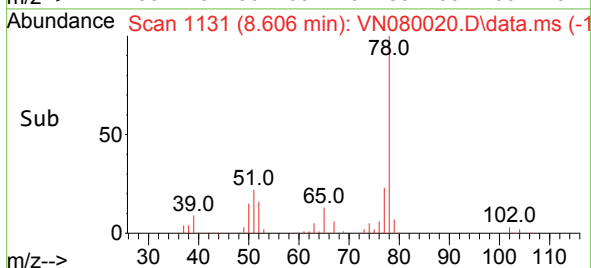
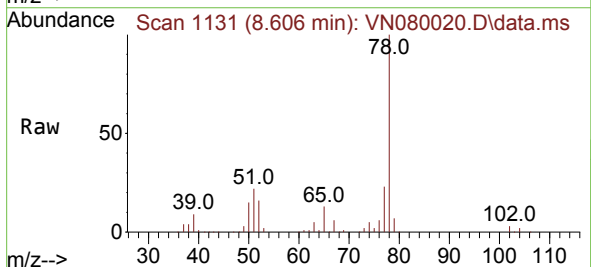


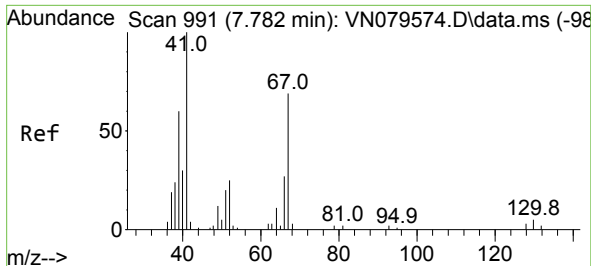
Tgt Ion:117 Resp: 117903
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 29.3 24.3 36.5



#34
Benzene
Concen: 20.352 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 78 Resp: 368732
Ion Ratio Lower Upper
78 100
77 22.7 19.7 29.5
51 19.0 15.8 23.6



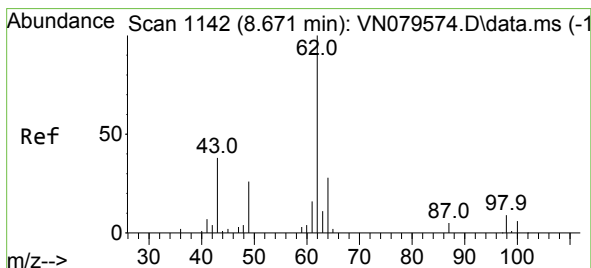
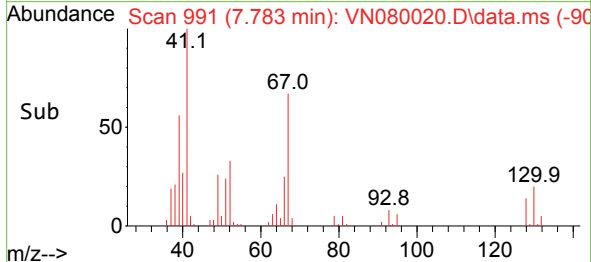
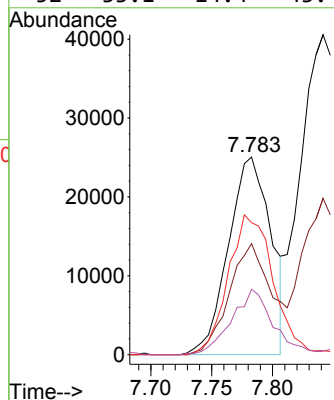
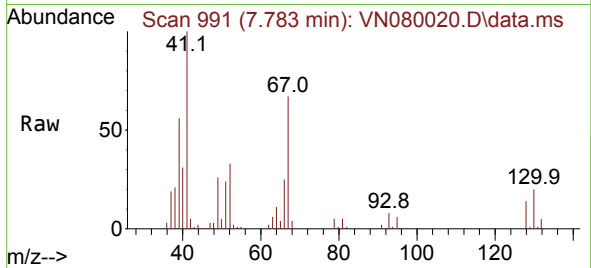


#35
Methacrylonitrile
Concen: 19.939 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 60888

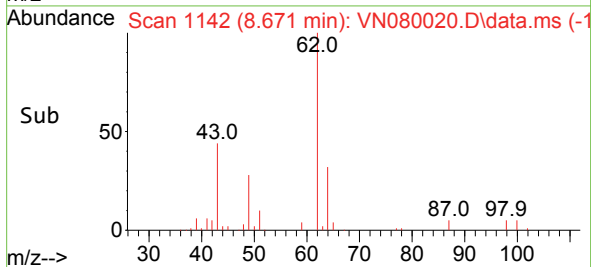
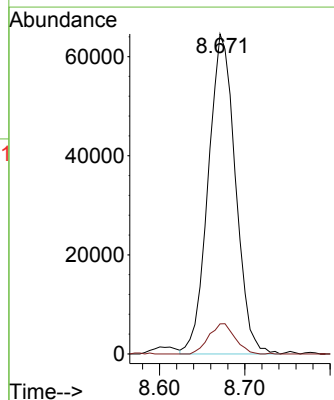
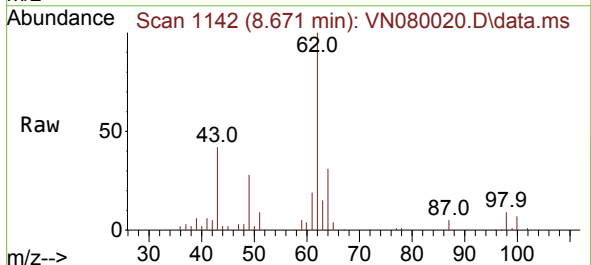
Ion	Ratio	Lower	Upper
41	100		
39	56.2	26.3	78.8
67	66.8	37.5	112.3
52	33.1	14.4	43.4

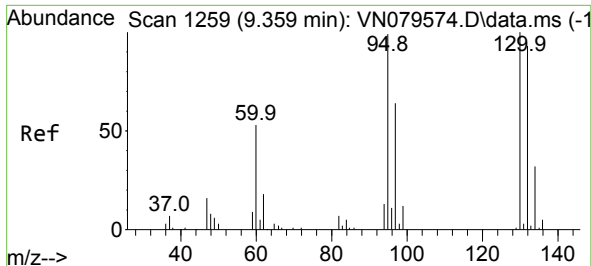


#36
1,2-Dichloroethane
Concen: 21.839 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 62 Resp: 143195

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.2	10.8

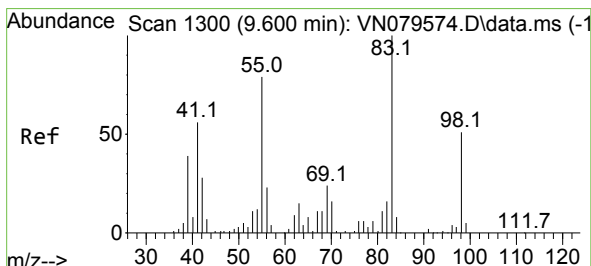
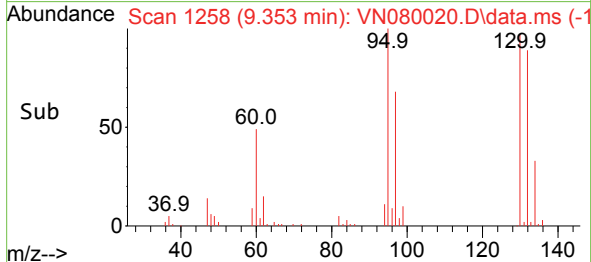
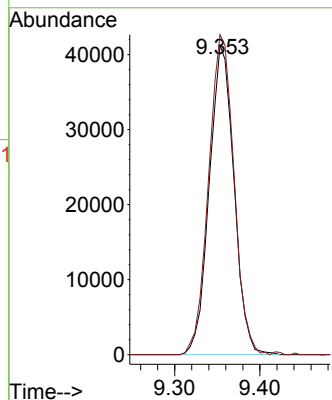
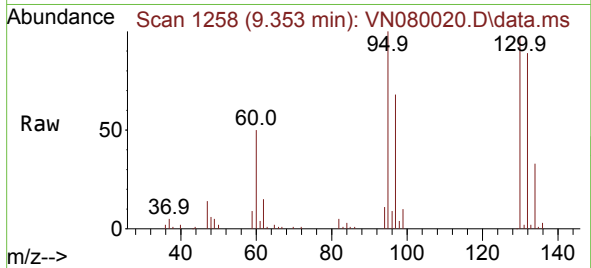




#37
Trichloroethene
Concen: 19.033 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

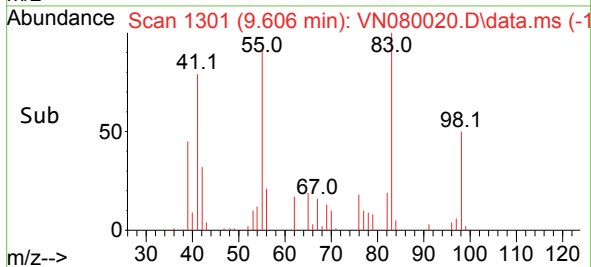
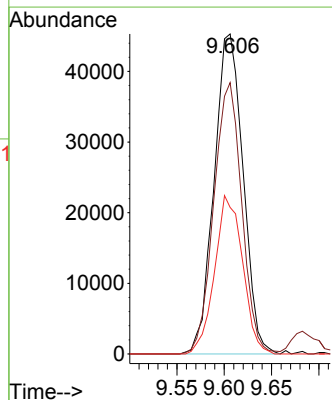
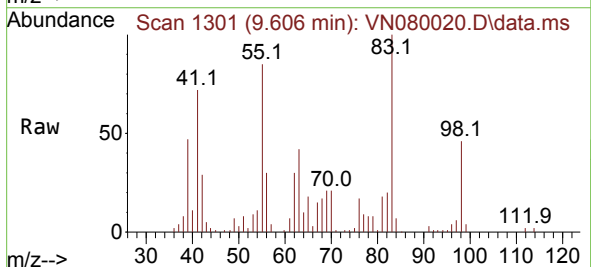
Instrument :
MSVOA_N
ClientSampleId :

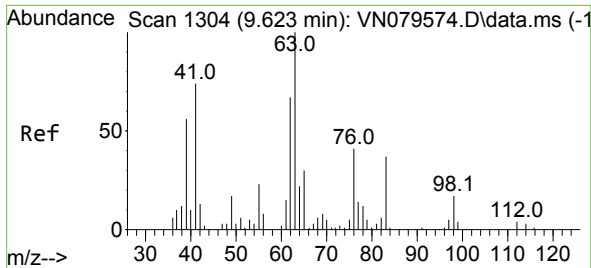
Tgt Ion:130 Resp: 82929
Ion Ratio Lower Upper
130 100
95 103.5 81.2 121.8



#38
Methylcyclohexane
Concen: 16.845 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 83 Resp: 96464
Ion Ratio Lower Upper
83 100
55 82.1 39.7 119.1
98 47.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.695 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

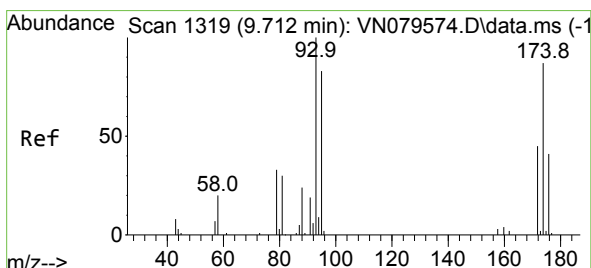
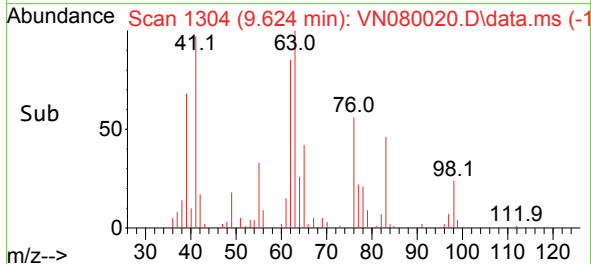
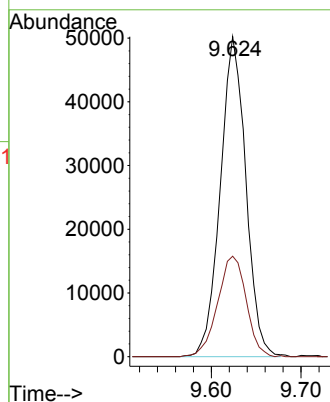
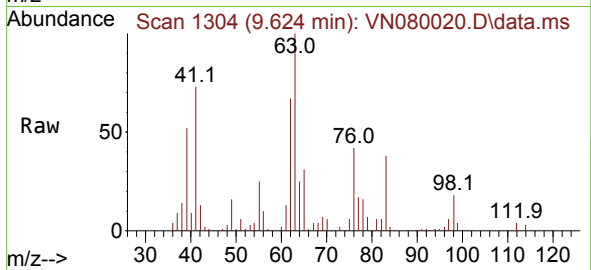
ClientSampleId :

Tgt Ion: 63 Resp: 99243

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#40

Dibromomethane

Concen: 21.527 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

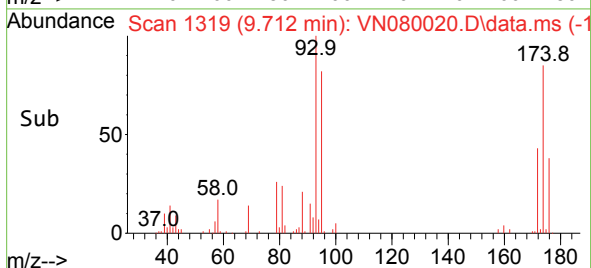
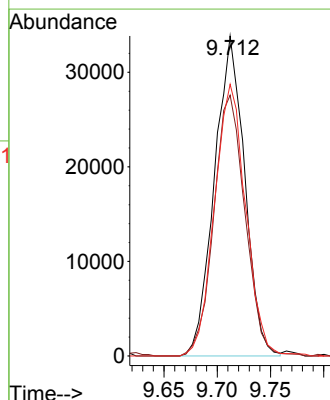
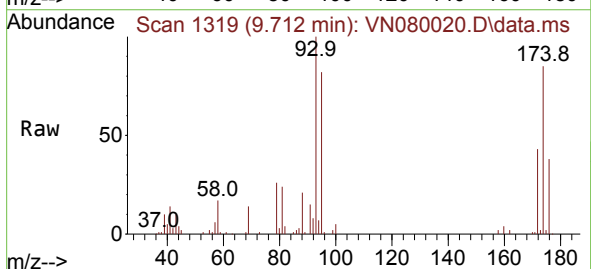
Tgt Ion: 93 Resp: 66726

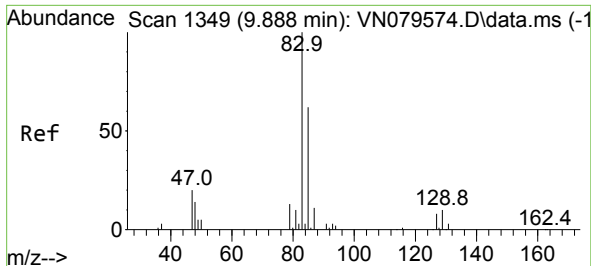
Ion Ratio Lower Upper

93 100

95 84.2 0.0 166.6

174 87.5 0.0 171.0

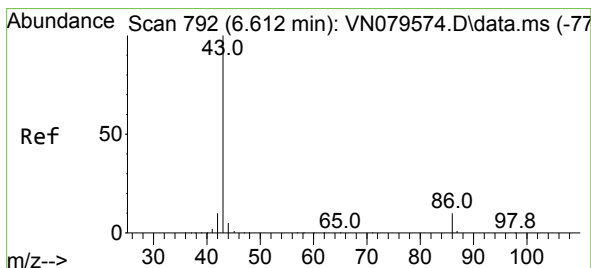
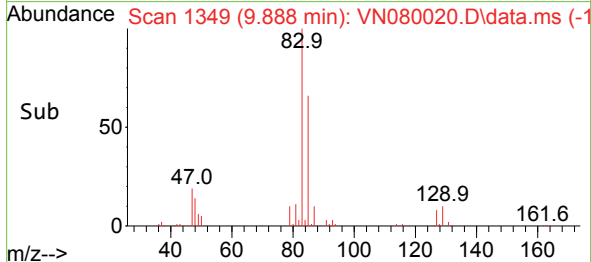
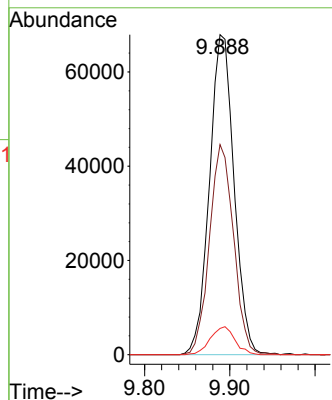
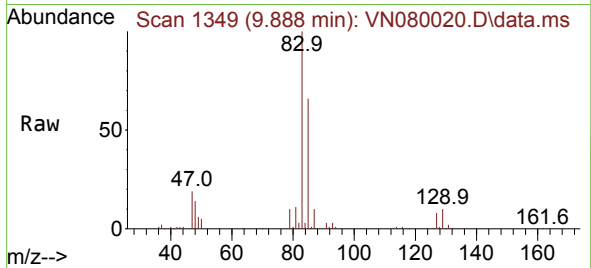




#41
Bromodichloromethane
Concen: 21.195 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

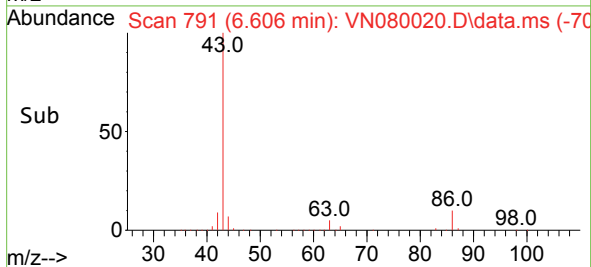
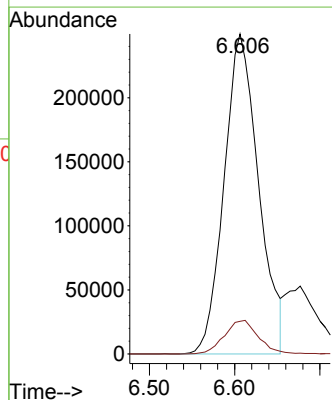
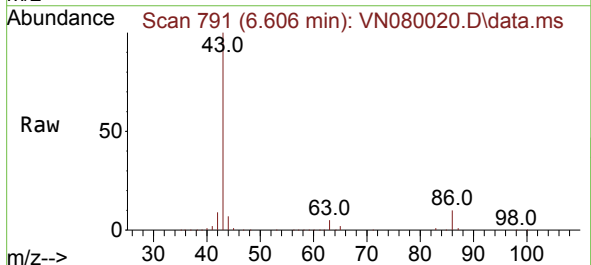
Instrument :
MSVOA_N
ClientSampleId :

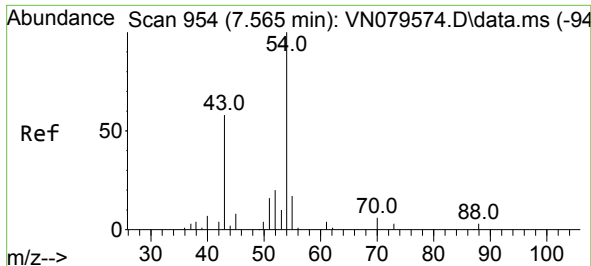
Tgt Ion: 83 Resp: 136069
Ion Ratio Lower Upper
83 100
85 65.7 50.3 75.5
127 8.2 6.8 10.2



#42
Vinyl Acetate
Concen: 97.174 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 43 Resp: 703032
Ion Ratio Lower Upper
43 100
86 10.3 8.2 12.2

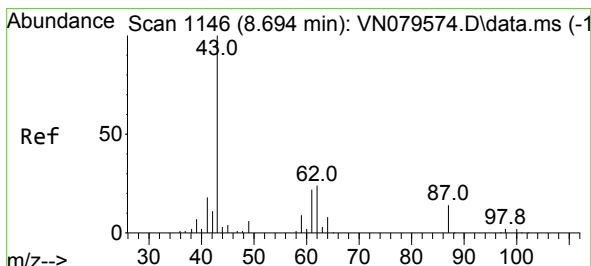
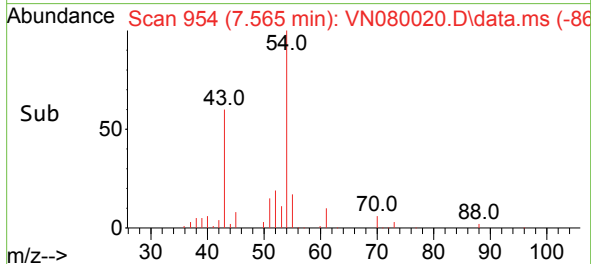
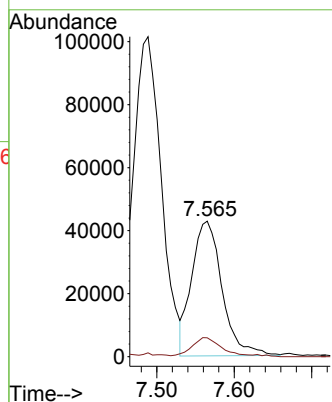
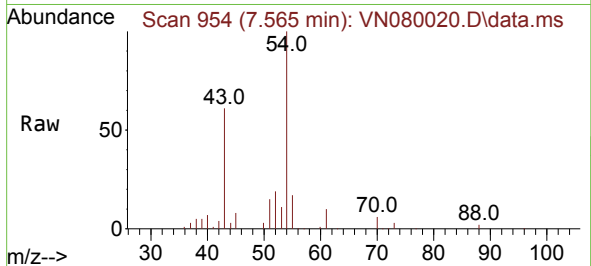




#43
Ethyl Acetate
Concen: 21.253 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

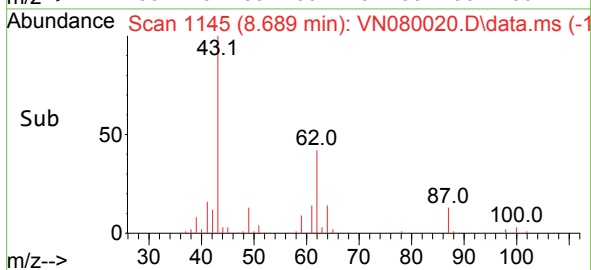
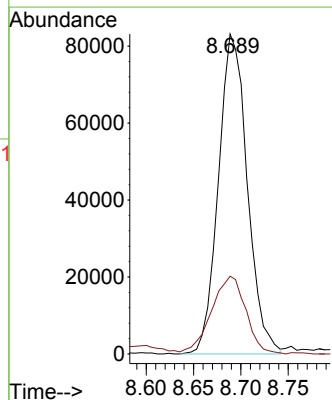
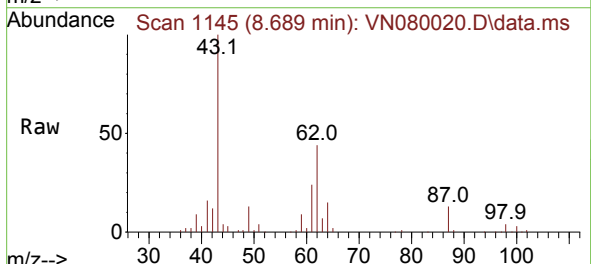
Instrument :
MSVOA_N
ClientSampleId :

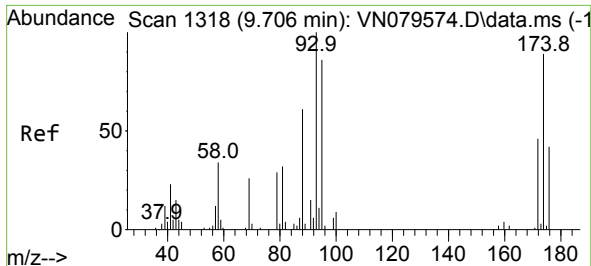
Tgt Ion: 43 Resp: 116288
Ion Ratio Lower Upper
43 100
45 13.8 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.783 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

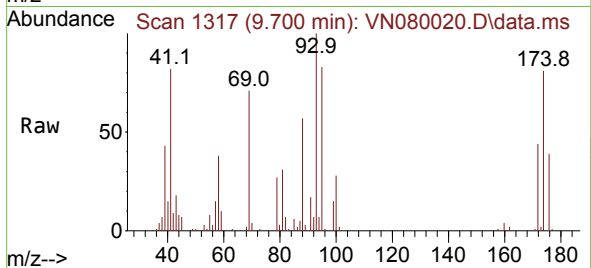
Tgt Ion: 43 Resp: 176375
Ion Ratio Lower Upper
43 100
61 28.9 20.3 30.5



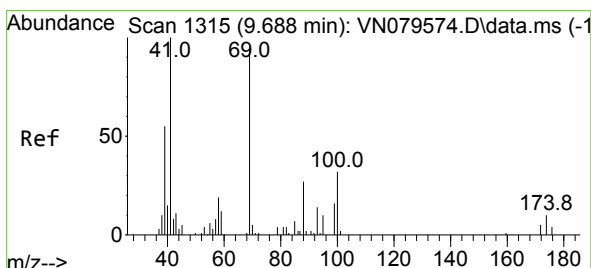
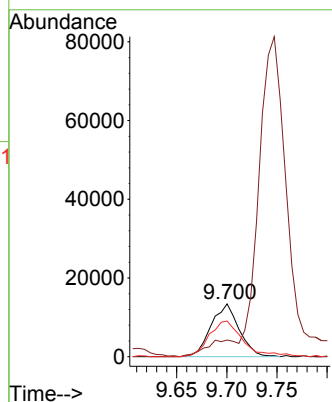
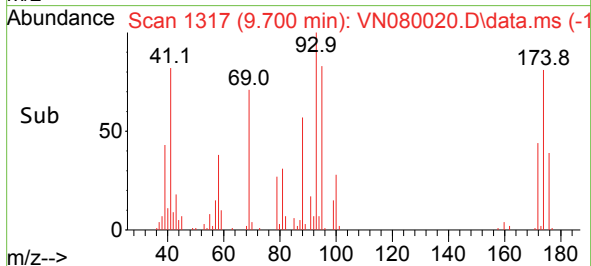


#45
1,4-Dioxane
Concen: 379.245 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

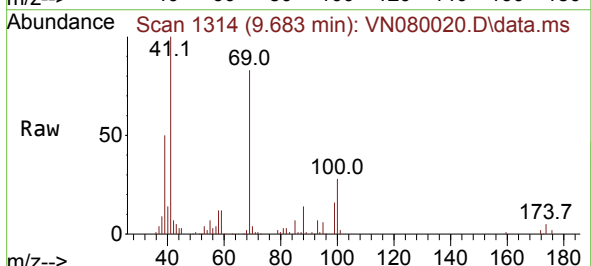
Instrument :
MSVOA_N
ClientSampleId :



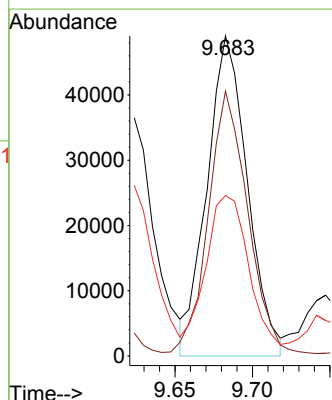
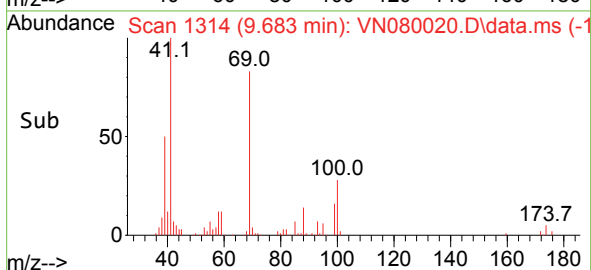
Tgt Ion: 88 Resp: 26057
Ion Ratio Lower Upper
88 100
43 20.3 28.7 43.1#
58 81.9 56.9 85.3

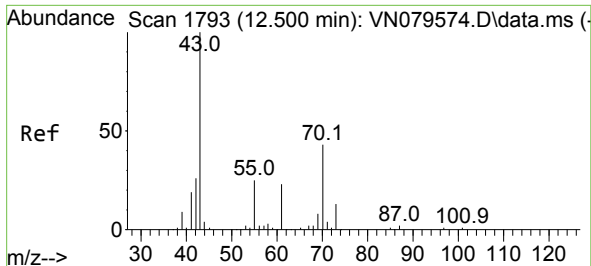


#46
Methyl methacrylate
Concen: 20.679 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04



Tgt Ion: 41 Resp: 88624
Ion Ratio Lower Upper
41 100
69 84.0 40.0 119.9
39 49.3 31.1 93.3

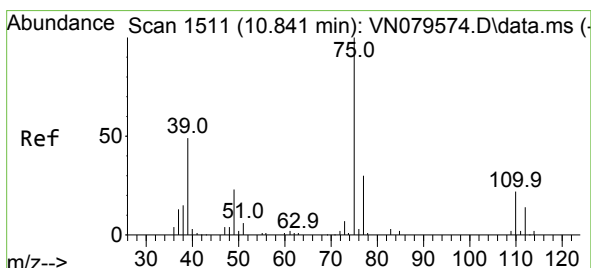
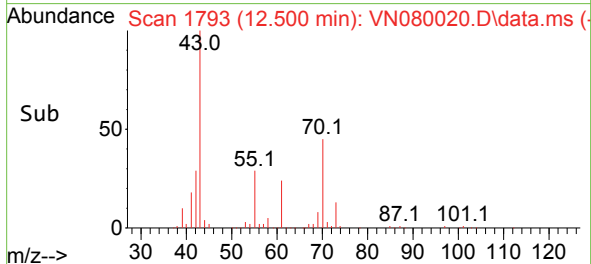
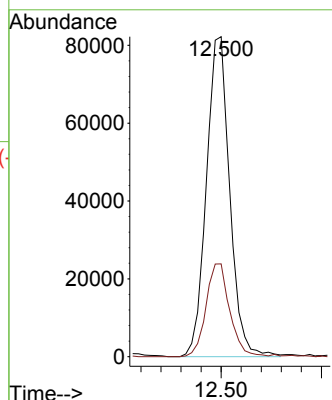
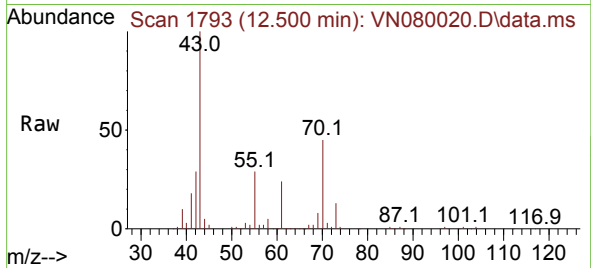




#47
n-amyl acetate
Concen: 18.547 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

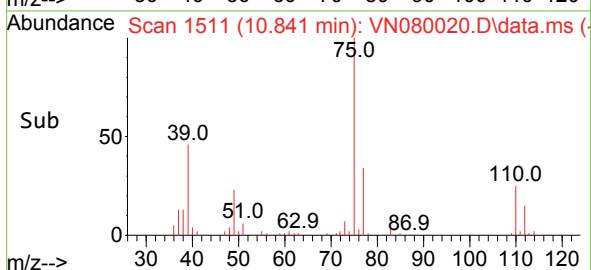
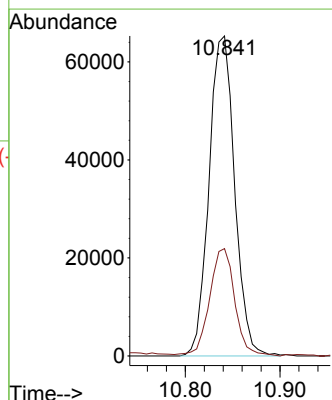
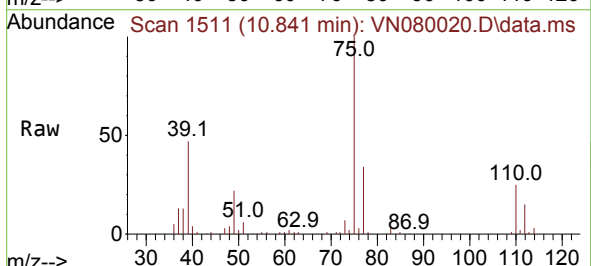
Instrument :
MSVOA_N
ClientSampleId :

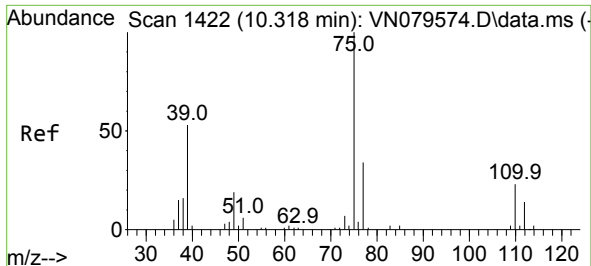
Tgt Ion: 43 Resp: 132820
Ion Ratio Lower Upper
43 100
55 29.4 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 18.716 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 75 Resp: 122708
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.272 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :

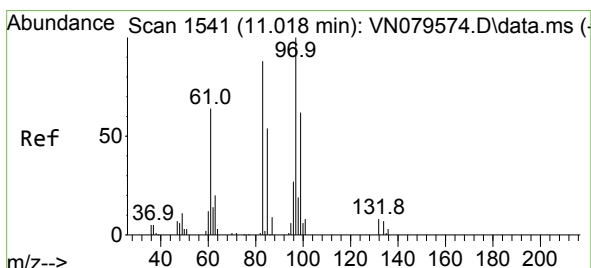
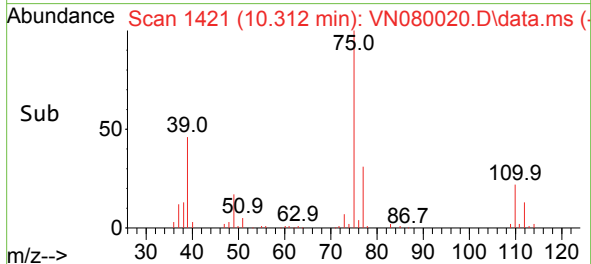
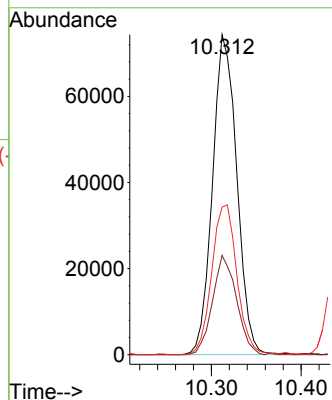
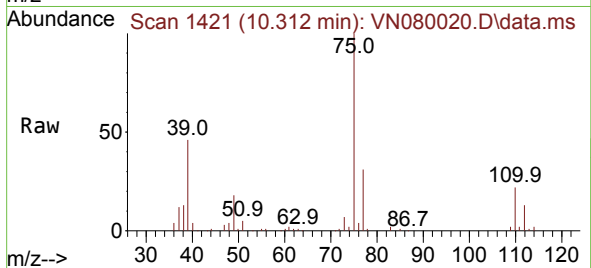
Tgt Ion: 75 Resp: 139686

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

39 46.1 42.4 63.6



#50

1,1,2-Trichloroethane

Concen: 21.602 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Tgt Ion: 97 Resp: 91342

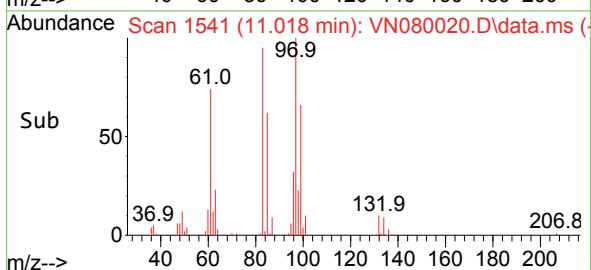
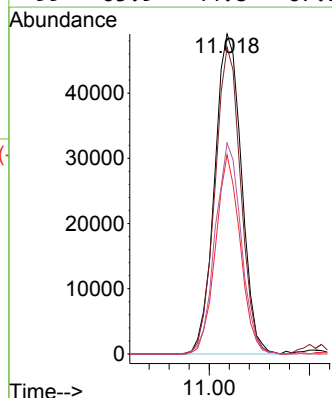
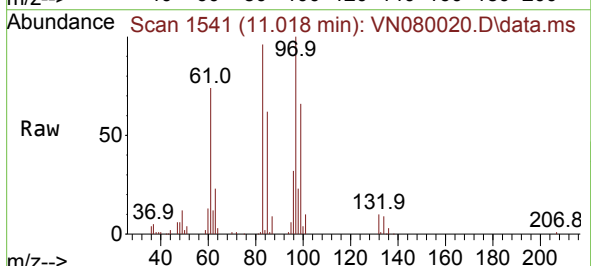
Ion Ratio Lower Upper

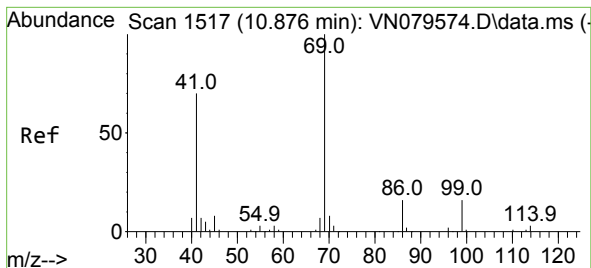
97 100

83 95.8 68.2 102.4

85 62.2 42.9 64.3

99 65.9 44.8 67.2

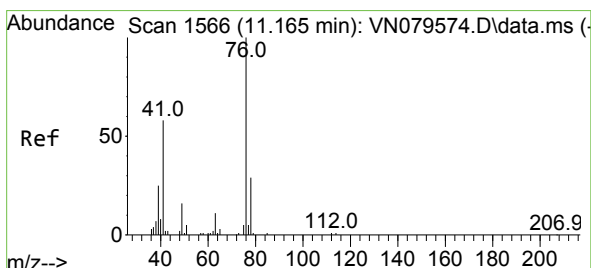
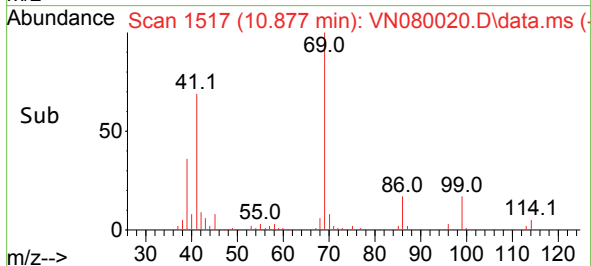
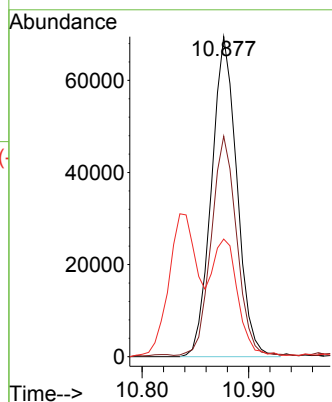
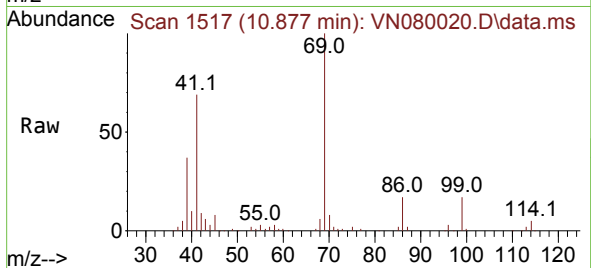




#51
Ethyl methacrylate
Concen: 18.987 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

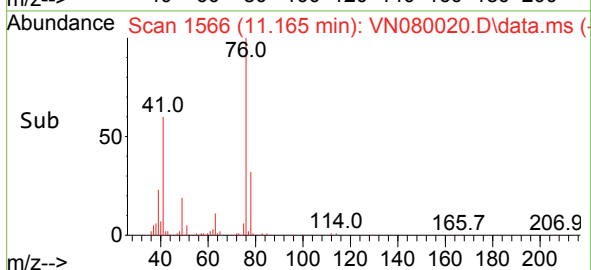
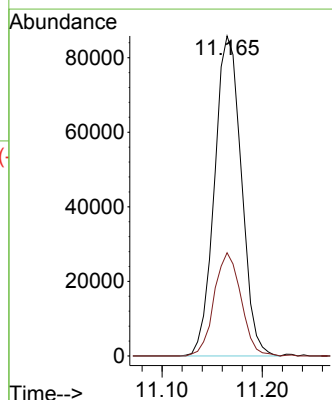
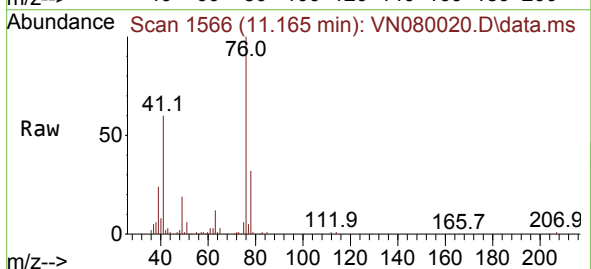
Instrument :
MSVOA_N
ClientSampleId :

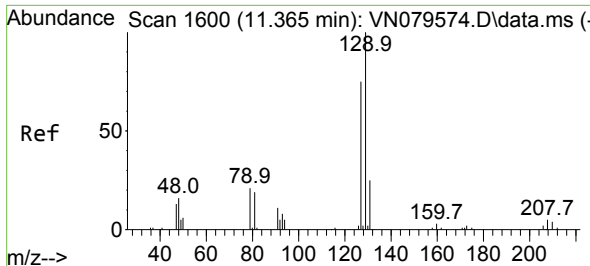
Tgt Ion: 69 Resp: 115390
Ion Ratio Lower Upper
69 100
41 68.4 33.8 101.3
39 36.3 21.3 63.9



#52
1,3-Dichloropropane
Concen: 21.104 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 76 Resp: 159535
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.0

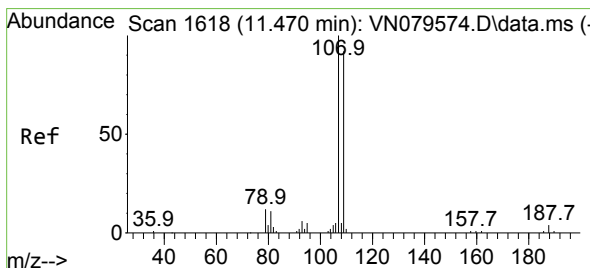
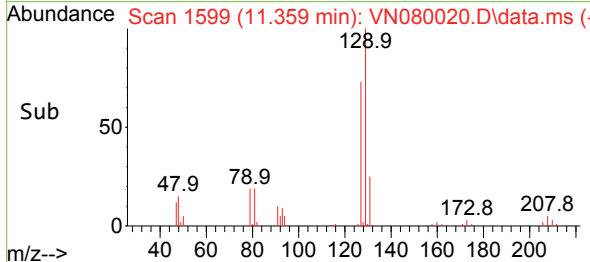
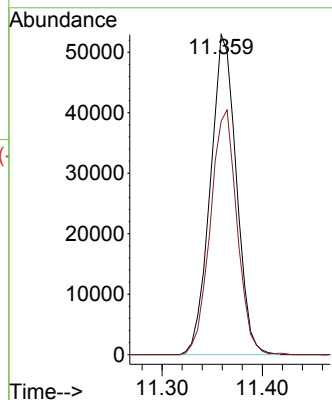
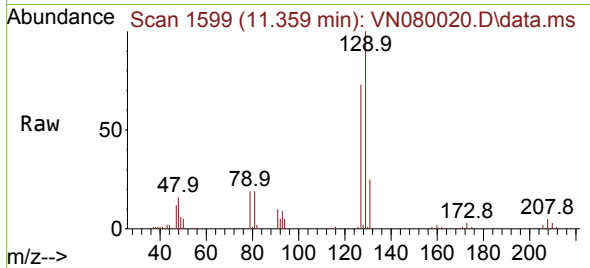




#53
Dibromochloromethane
Concen: 21.106 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

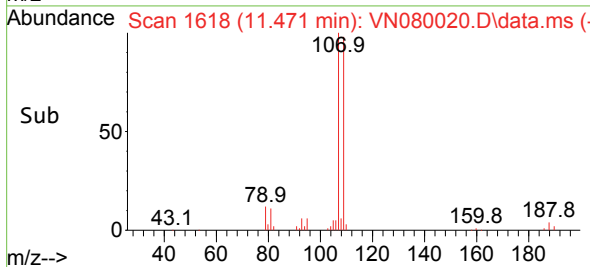
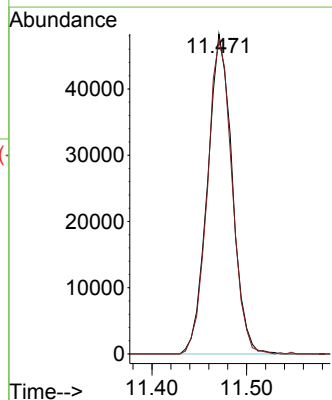
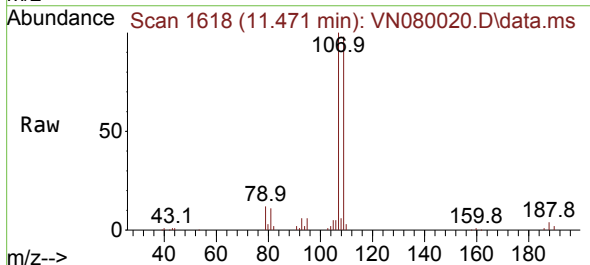
Instrument :
MSVOA_N
ClientSampleId :

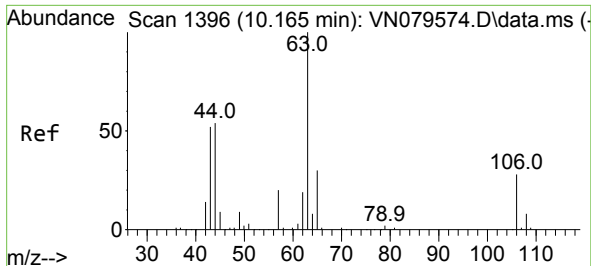
Tgt Ion:129 Resp: 95472
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3



#54
1,2-Dibromoethane
Concen: 20.591 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion:107 Resp: 87425
Ion Ratio Lower Upper
107 100
109 98.0 73.2 109.8



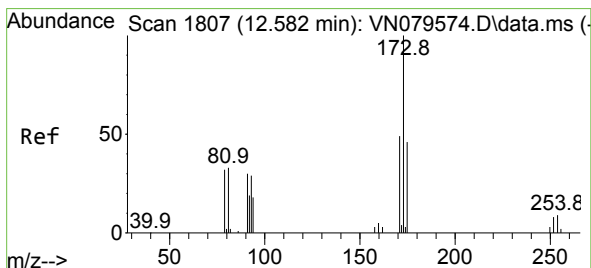
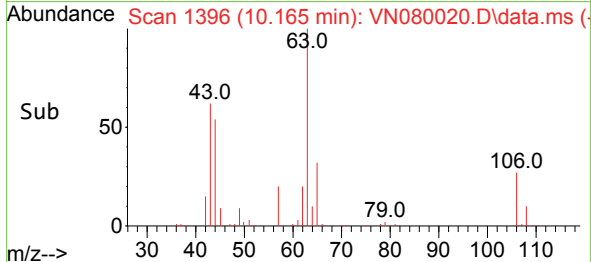
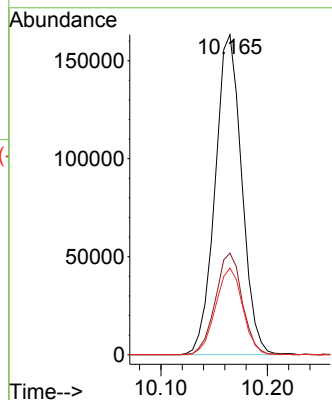
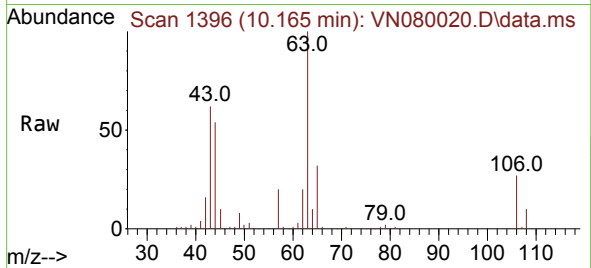


#55
 2-Chloroethyl vinyl ether
 Concen: 101.366 ug/l
 RT: 10.165 min Scan# 1396
 Delta R.T. -0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 63 Resp: 283339

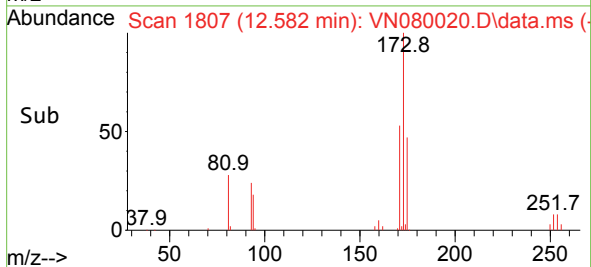
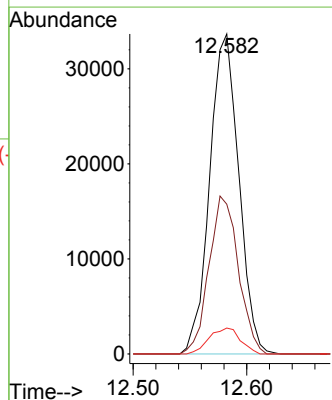
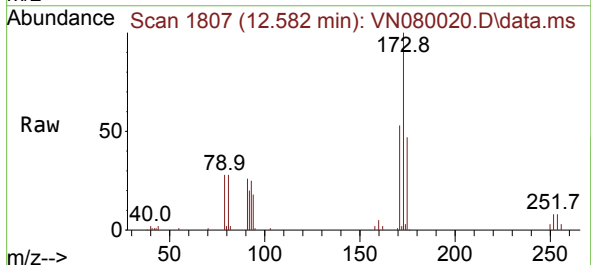
Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.9	38.9
106	27.5	20.6	30.8

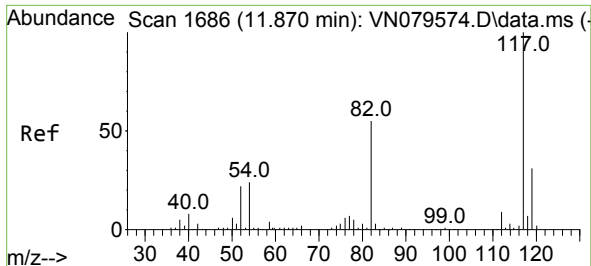


#56
 Bromoform
 Concen: 20.239 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Tgt Ion: 173 Resp: 59991

Ion	Ratio	Lower	Upper
173	100		
175	49.8	37.9	56.9
254	8.7	7.3	10.9

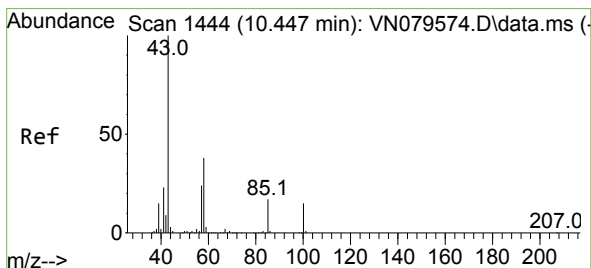
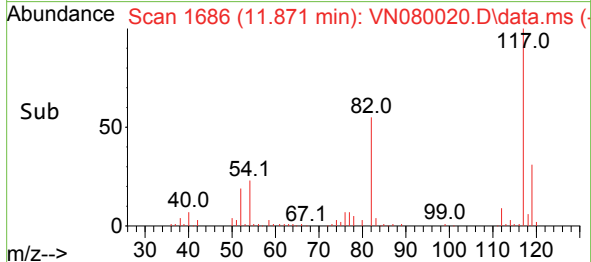
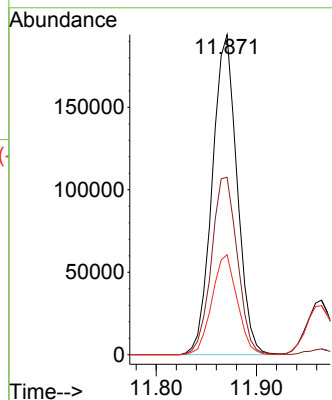
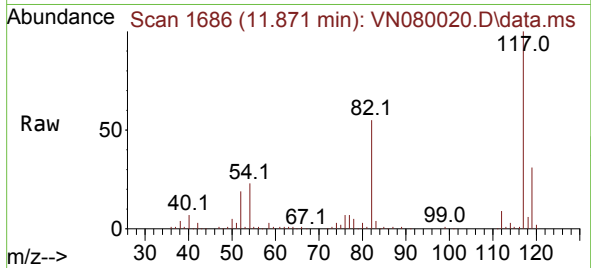




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

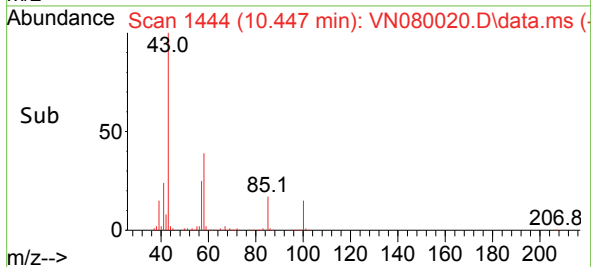
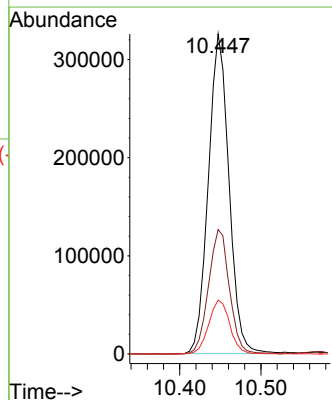
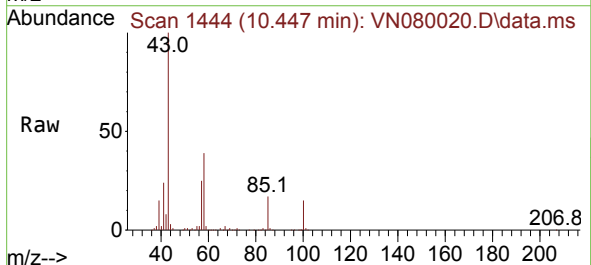
Instrument :
MSVOA_N
ClientSampleId :

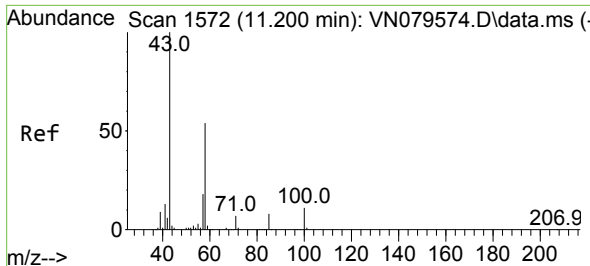
Tgt Ion:117 Resp: 334042
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.7 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 103.104 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 43 Resp: 575393
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6
85 17.3 13.2 19.8

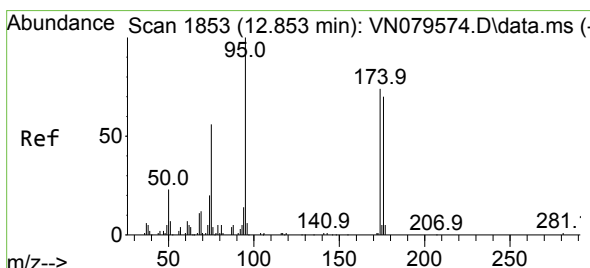
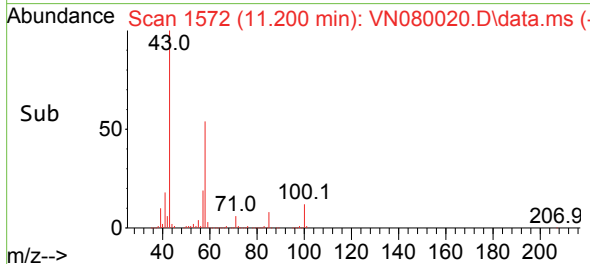
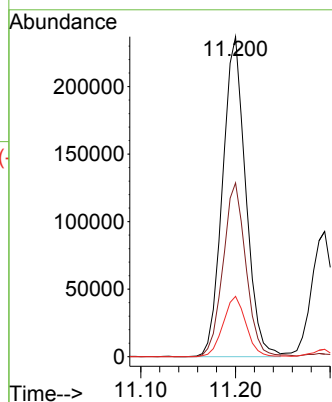
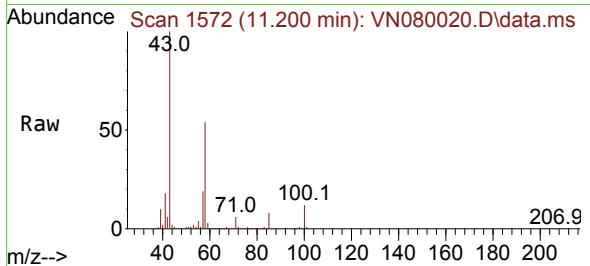




#59
2-Hexanone
Concen: 94.495 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

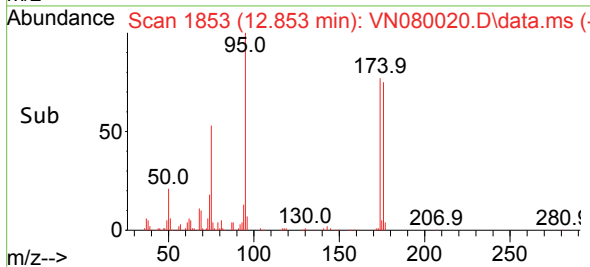
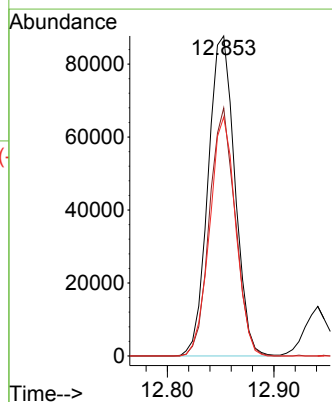
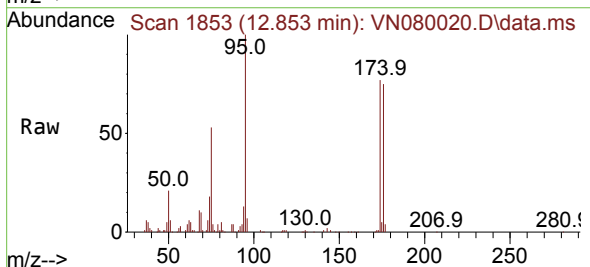
Instrument :
MSVOA_N
ClientSampleId :

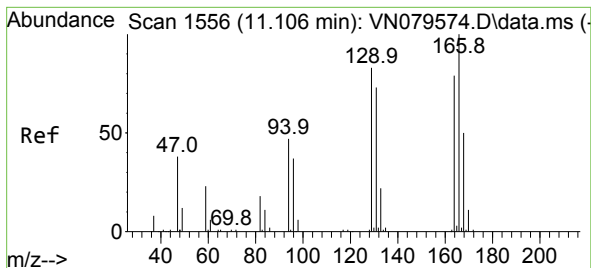
Tgt Ion: 43 Resp: 401719
Ion Ratio Lower Upper
43 100
58 53.8 42.3 63.5
57 18.7 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 28.628 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 95 Resp: 152927
Ion Ratio Lower Upper
95 100
174 74.5 60.5 90.7
176 72.4 57.2 85.8





#61

Tetrachloroethene

Concen: 20.053 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 78533

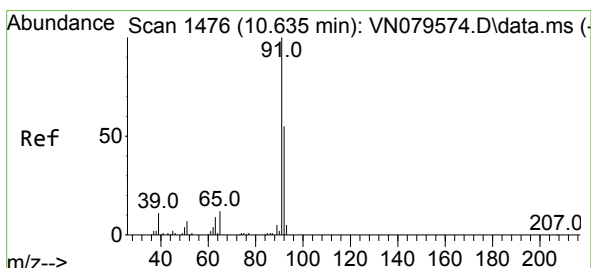
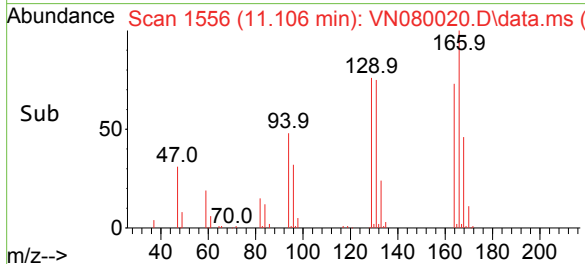
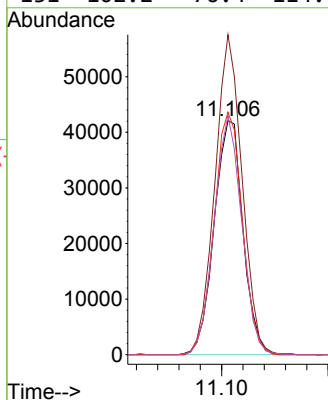
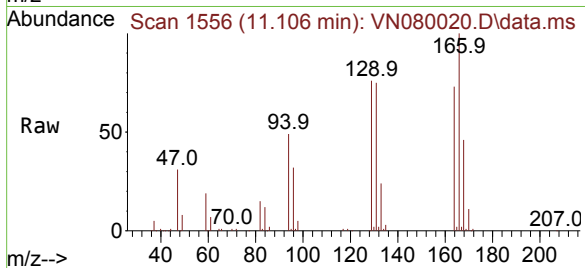
Ion Ratio Lower Upper

164 100

166 136.7 98.2 147.4

129 103.6 75.0 112.4

131 102.2 76.4 114.6



#62

Toluene

Concen: 19.241 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN080020.D

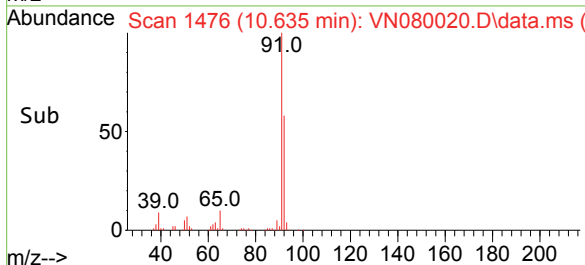
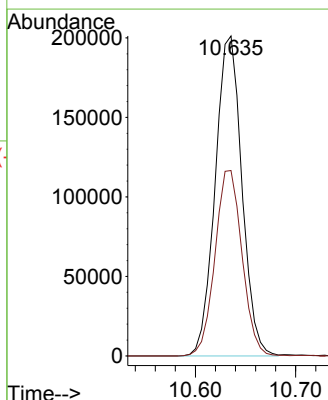
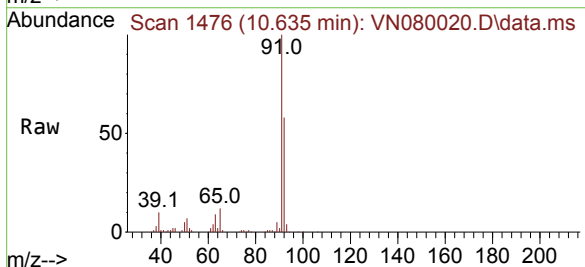
Acq: 09 Nov 2023 03:04

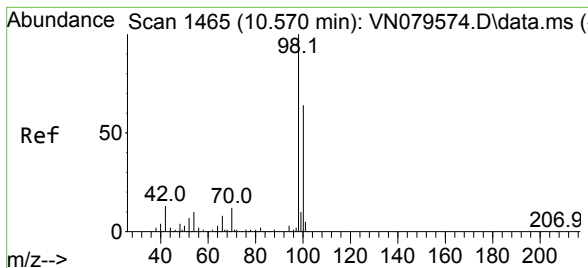
Tgt Ion: 91 Resp: 371746

Ion Ratio Lower Upper

91 100

92 58.8 45.3 67.9





#63

Toluene-d8

Concen: 30.583 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

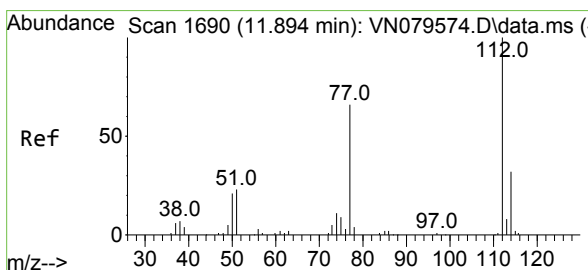
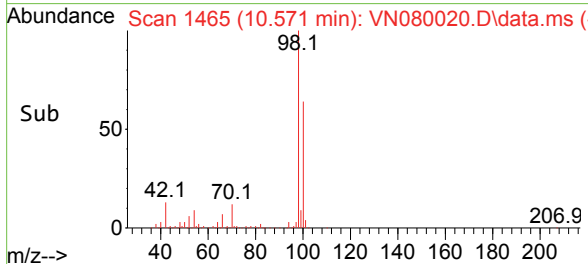
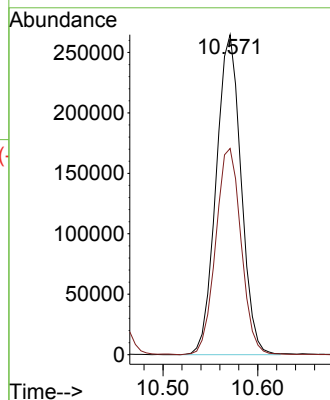
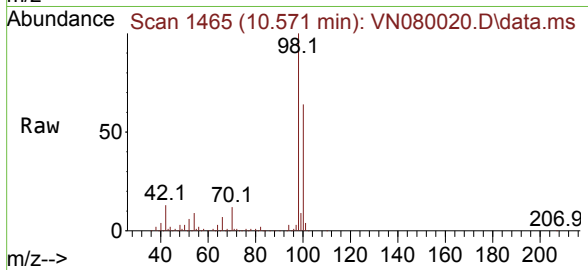
ClientSampleId :

Tgt Ion: 98 Resp: 484054

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4



#64

Chlorobenzene

Concen: 18.904 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN080020.D

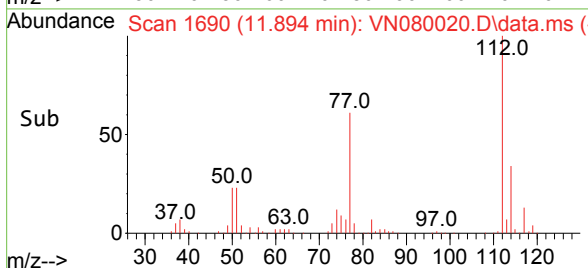
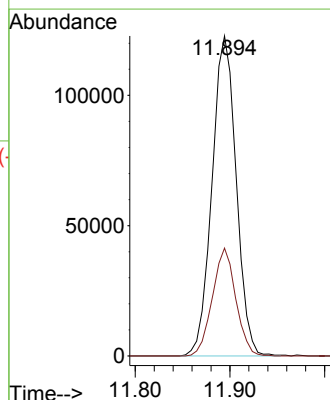
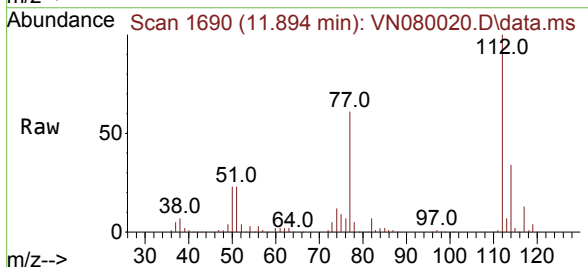
Acq: 09 Nov 2023 03:04

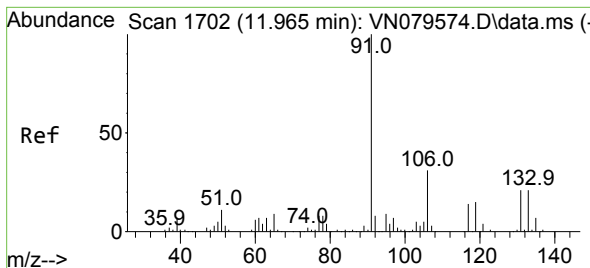
Tgt Ion: 112 Resp: 217957

Ion Ratio Lower Upper

112 100

114 33.7 28.1 42.1

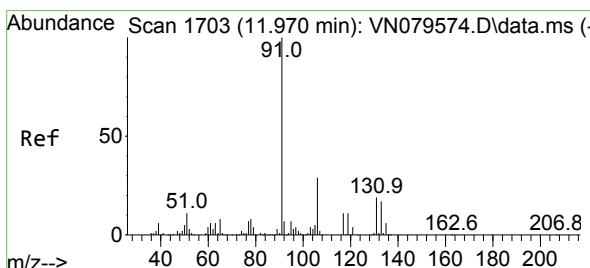
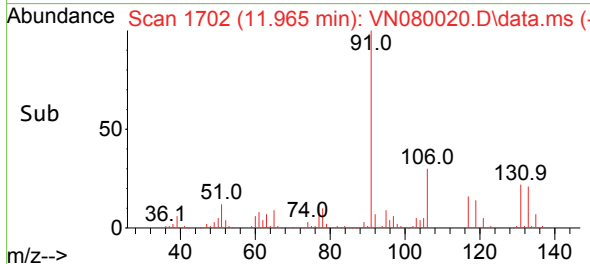
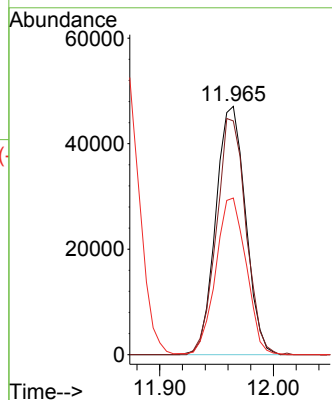
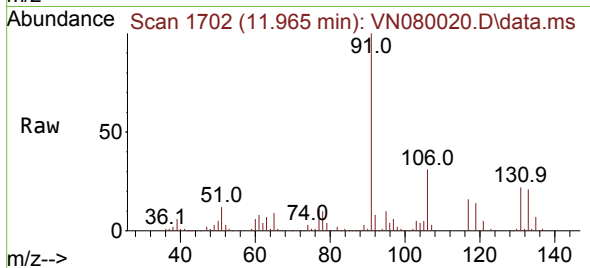




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.291 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

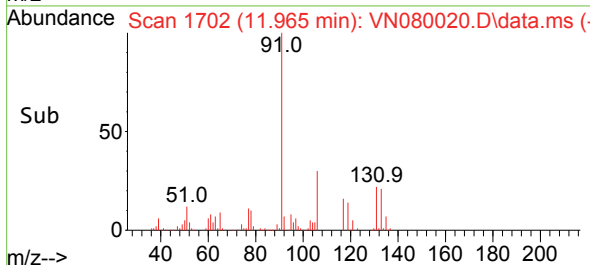
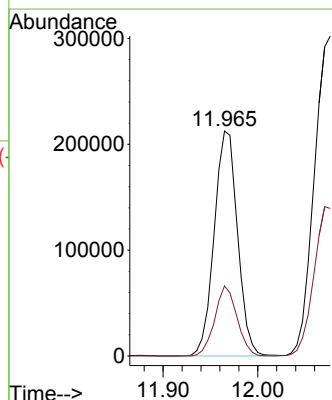
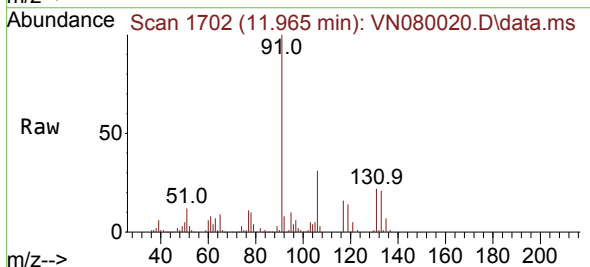
Instrument :
 MSVOA_N
 ClientSampleId :

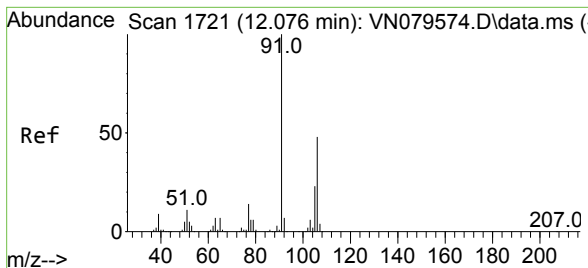
Tgt Ion:131 Resp: 85815
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 196.0
 119 64.3 0.0 135.6



#66
 Ethyl Benzene
 Concen: 17.947 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.005 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Tgt Ion: 91 Resp: 364368
 Ion Ratio Lower Upper
 91 100
 106 31.2 23.8 35.8

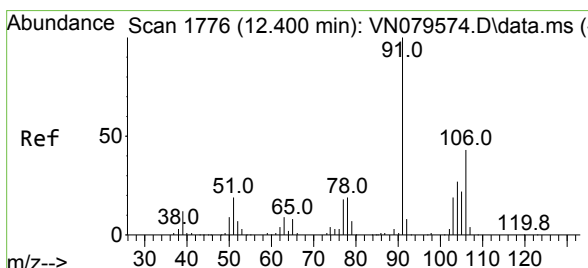
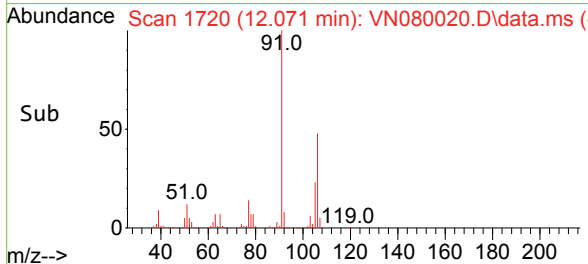
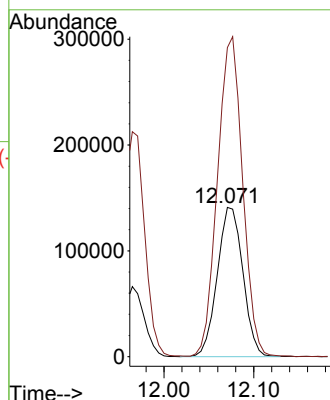
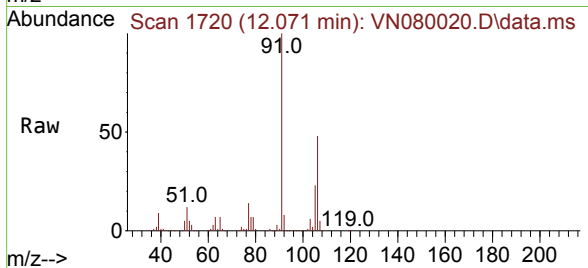




#67
m/p-Xylenes
Concen: 36.991 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

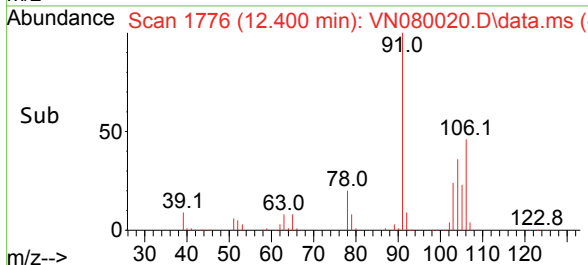
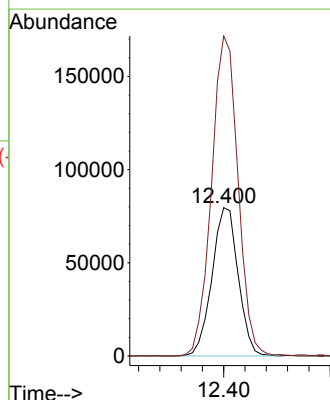
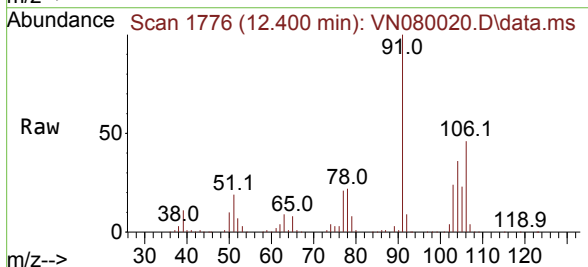
Instrument :
MSVOA_N
ClientSampleId :

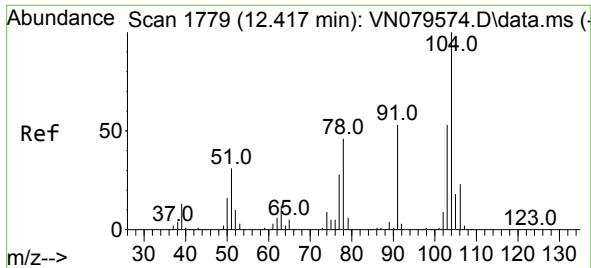
Tgt Ion:106 Resp: 279596
Ion Ratio Lower Upper
106 100
91 210.6 161.8 242.6



#68
o-Xylene
Concen: 18.714 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion:106 Resp: 135577
Ion Ratio Lower Upper
106 100
91 218.6 109.9 329.7

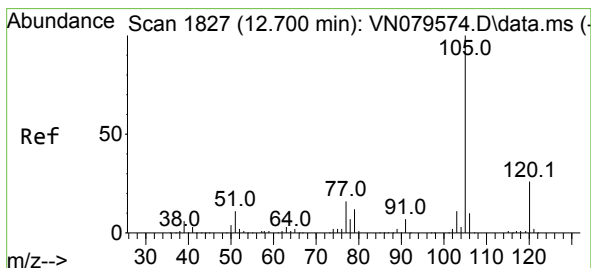
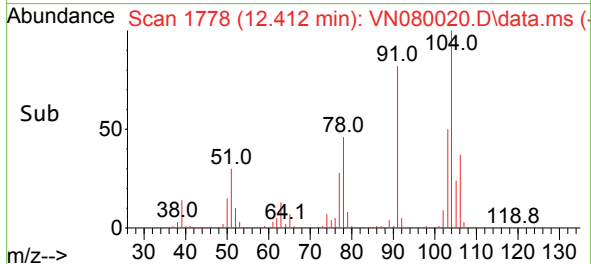
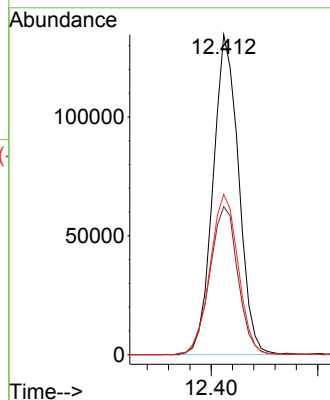
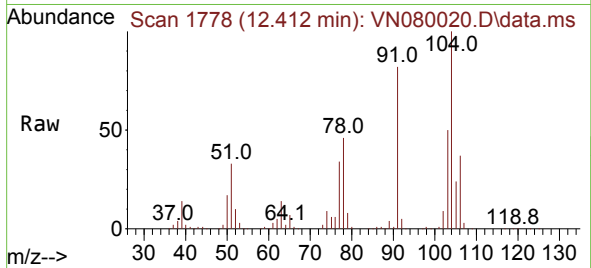




#69
Styrene
Concen: 18.732 ug/l
RT: 12.412 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

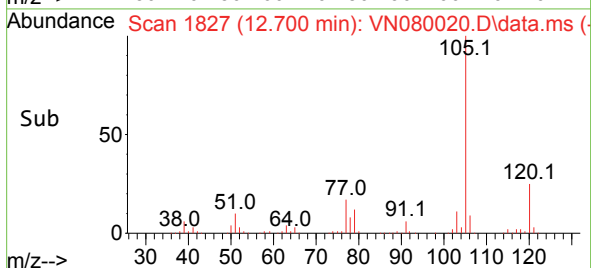
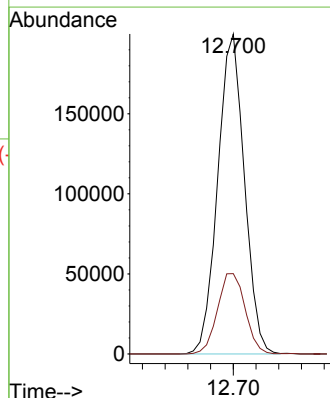
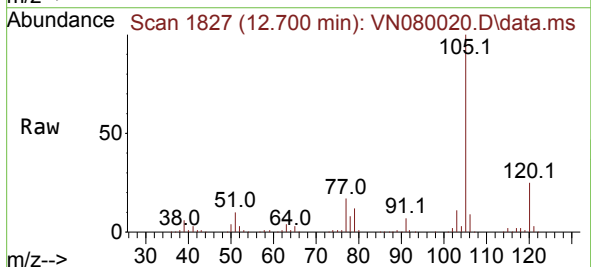
Instrument :
MSVOA_N
ClientSampleId :

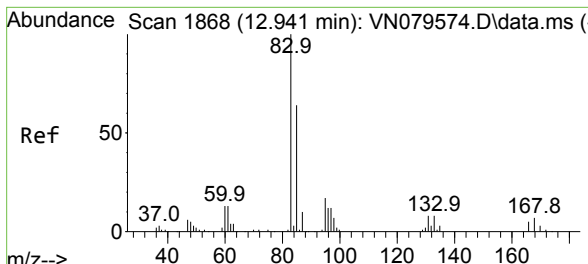
Tgt Ion:104 Resp: 224650
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 55.0 43.1 64.7



#70
Isopropylbenzene
Concen: 17.999 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion:105 Resp: 325269
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5

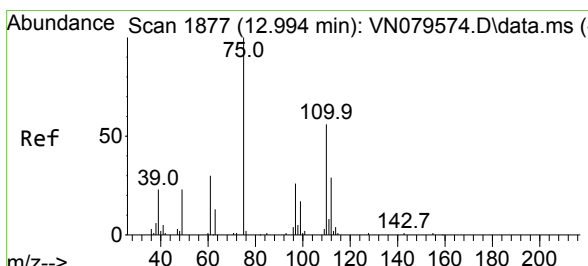
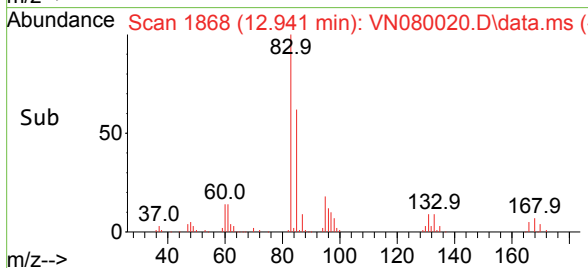
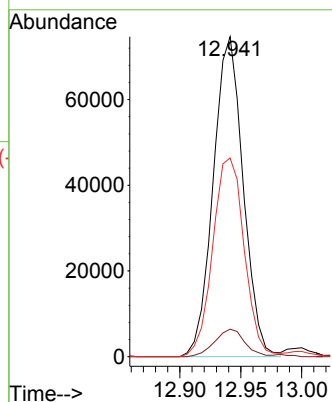
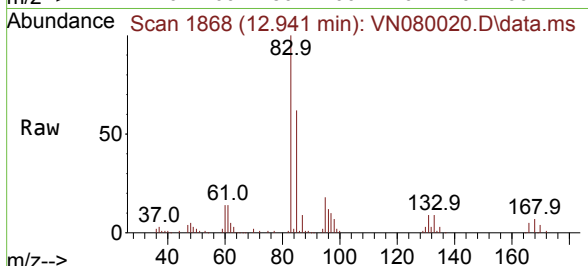




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.768 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

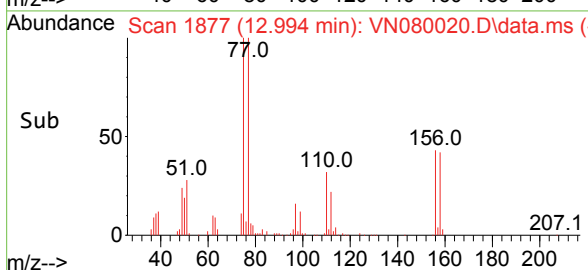
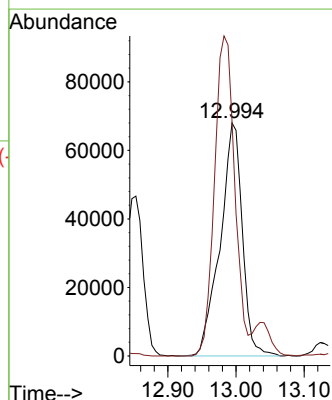
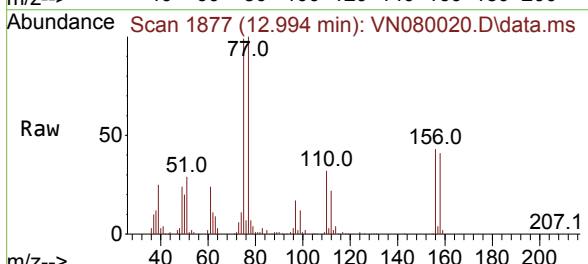
Instrument :
 MSVOA_N
 ClientSampleId :

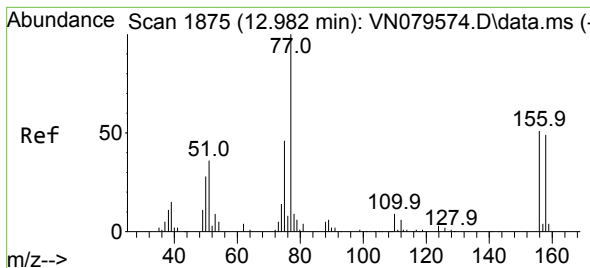
Tgt Ion:	83	Resp:	127829
Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.5	13.4
85	65.3	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 26.941 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Tgt Ion:	75	Resp:	154075
Ion	Ratio	Lower	Upper
75	100		
77	124.9	0.0	338.2





#73

Bromobenzene

Concen: 19.033 ug/l

RT: 12.982 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :

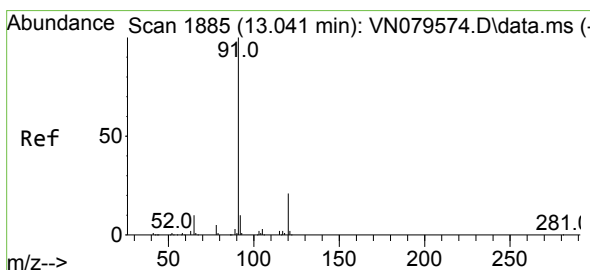
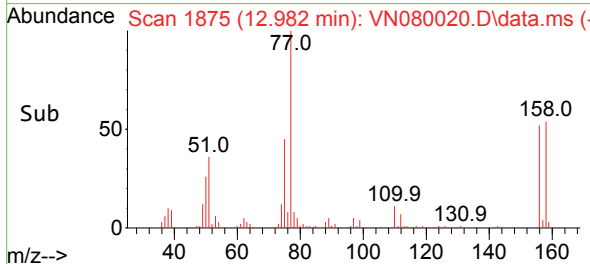
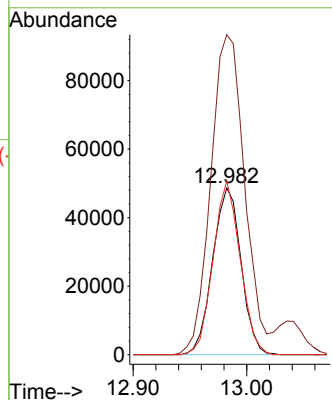
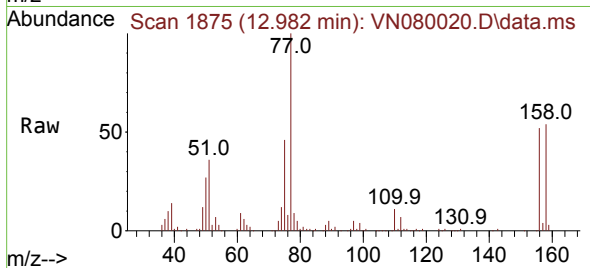
Tgt Ion:156 Resp: 84557

Ion Ratio Lower Upper

156 100

77 227.6 0.0 448.2

158 99.4 0.0 194.8



#74

n-propylbenzene

Concen: 17.905 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080020.D

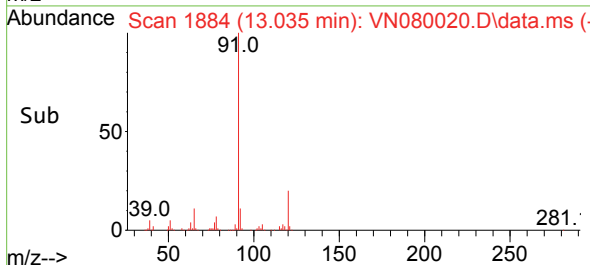
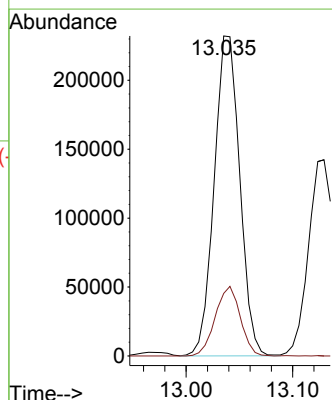
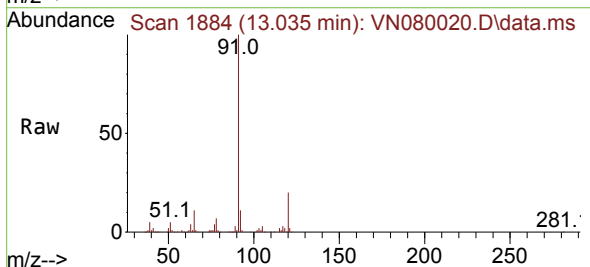
Acq: 09 Nov 2023 03:04

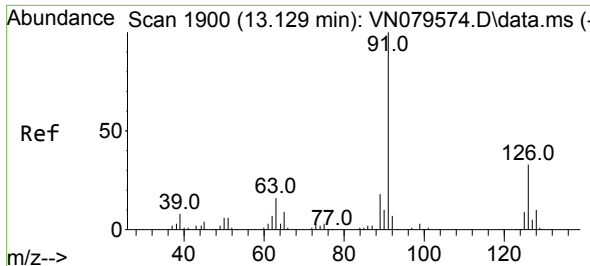
Tgt Ion: 91 Resp: 387081

Ion Ratio Lower Upper

91 100

120 21.2 0.0 42.0

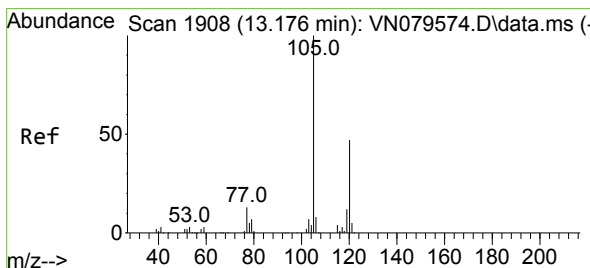
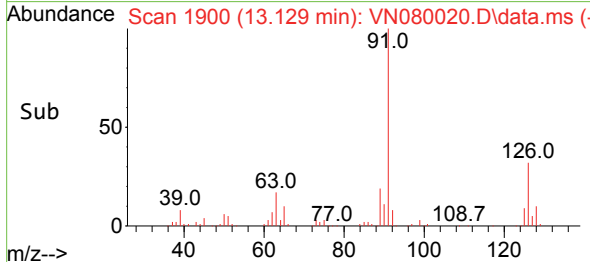
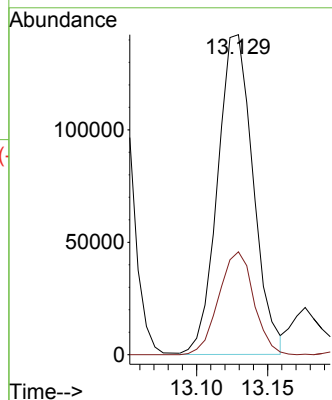
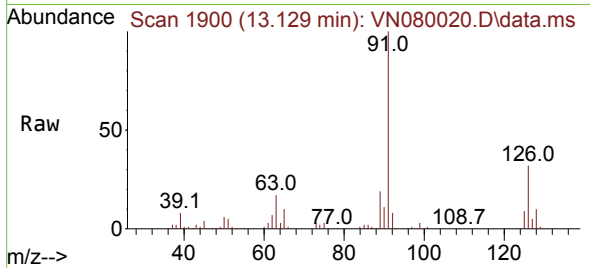




#75
2-Chlorotoluene
Concen: 18.065 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

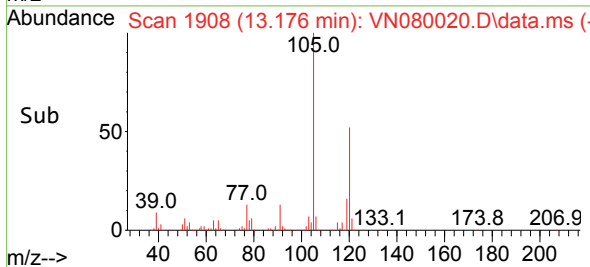
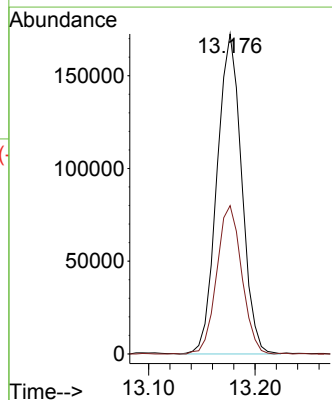
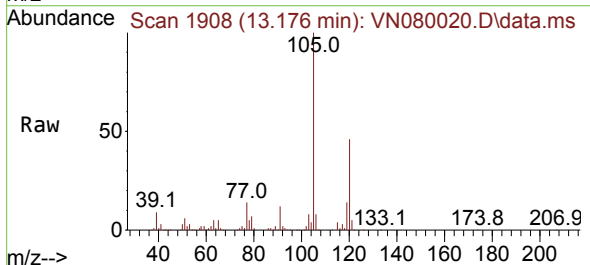
Instrument :
MSVOA_N
ClientSampleId :

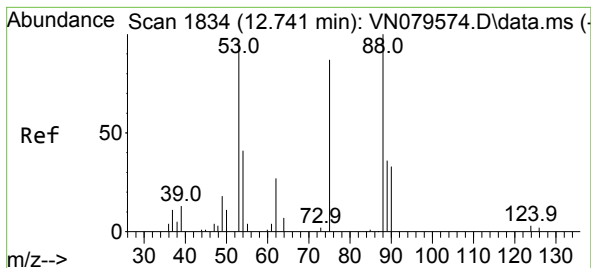
Tgt Ion: 91 Resp: 248237
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 18.514 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 105 Resp: 276723
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.2

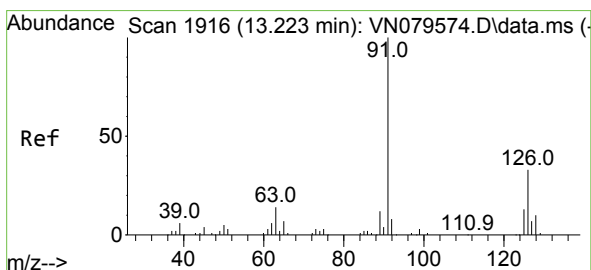
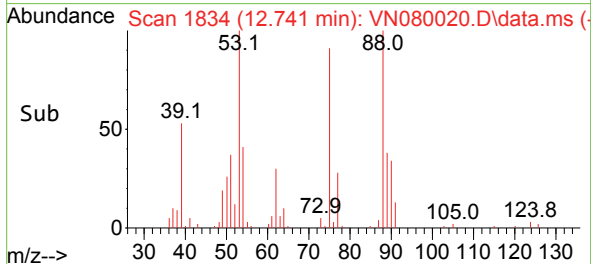
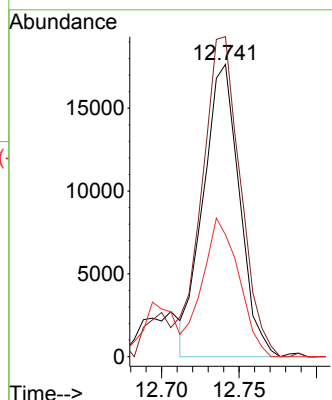
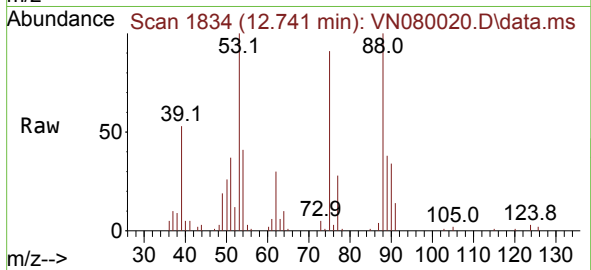




#77
t-1,4-Dichloro-2-butene
Concen: 15.304 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

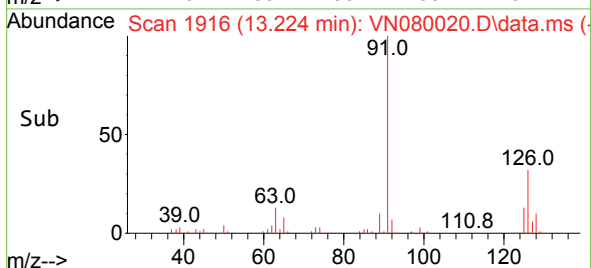
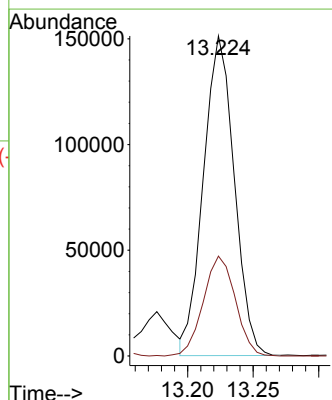
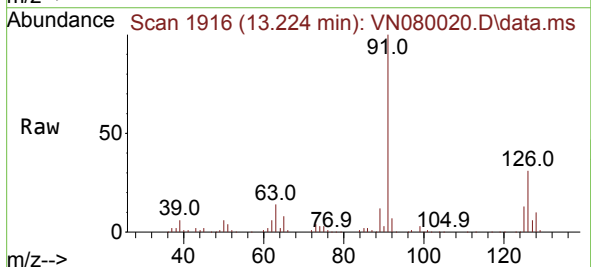
Instrument :
MSVOA_N
ClientSampleId :

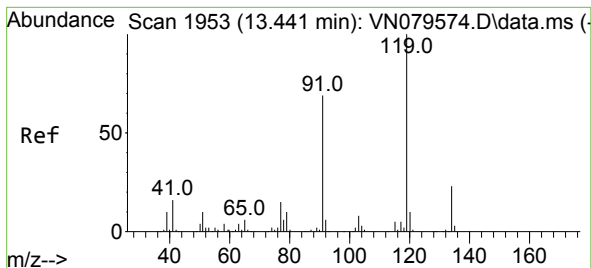
Tgt Ion: 75 Resp: 28659
Ion Ratio Lower Upper
75 100
53 109.5 53.0 159.1
89 40.7 22.6 67.7



#78
4-Chlorotoluene
Concen: 18.112 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.001 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 91 Resp: 247178
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4

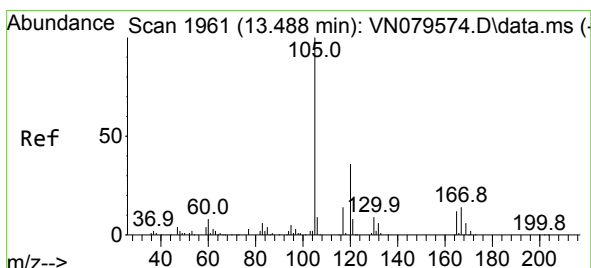
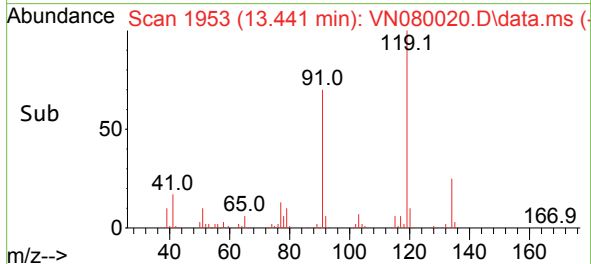
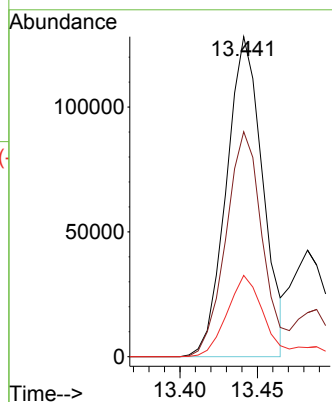
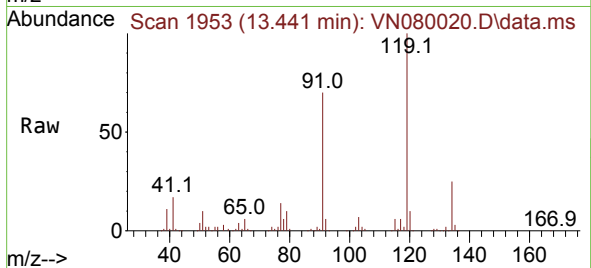




#79
tert-butylbenzene
Concen: 17.886 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

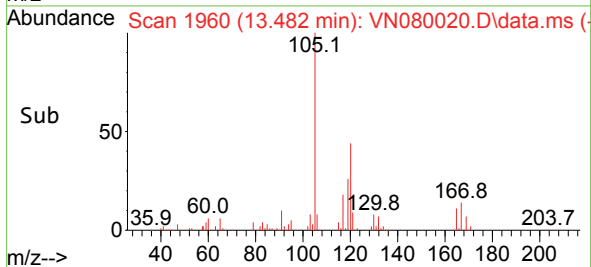
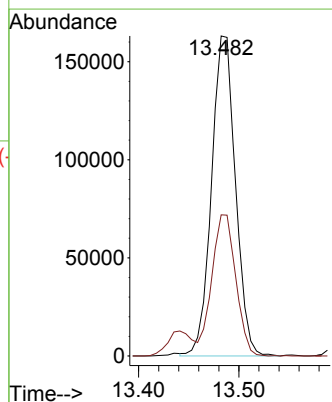
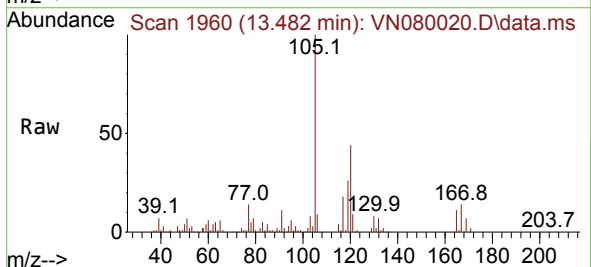
Instrument :
MSVOA_N
ClientSampleId :

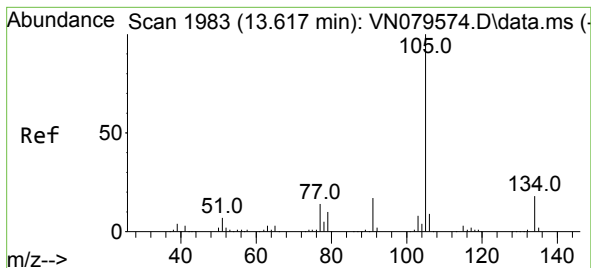
Tgt Ion:119 Resp: 209365
Ion Ratio Lower Upper
119 100
91 71.2 0.0 140.6
134 25.0 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 18.444 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion:105 Resp: 270322
Ion Ratio Lower Upper
105 100
120 43.9 0.0 88.6





#81

sec-Butylbenzene

Concen: 17.948 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

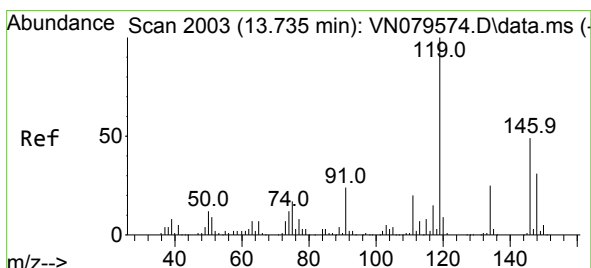
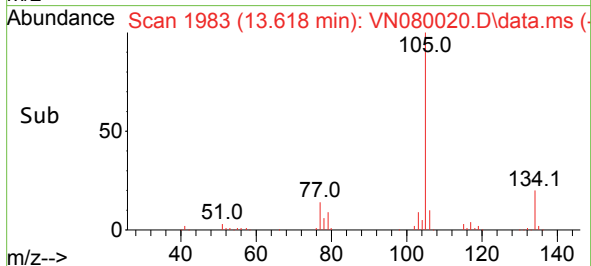
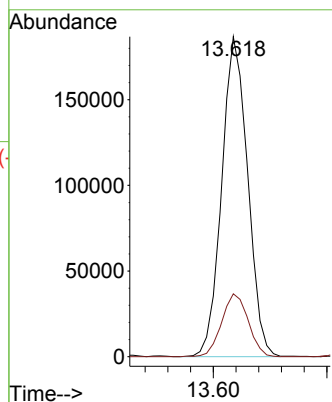
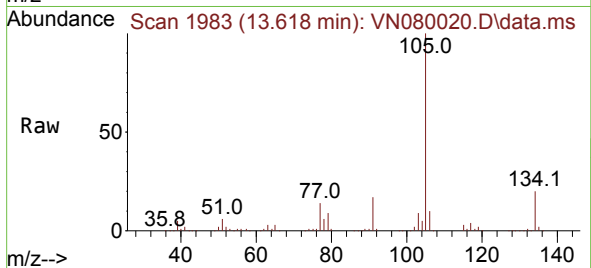
ClientSampleId :

Tgt Ion:105 Resp: 296568

Ion Ratio Lower Upper

105 100

134 20.1 0.0 38.2



#82

p-Isopropyltoluene

Concen: 18.242 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

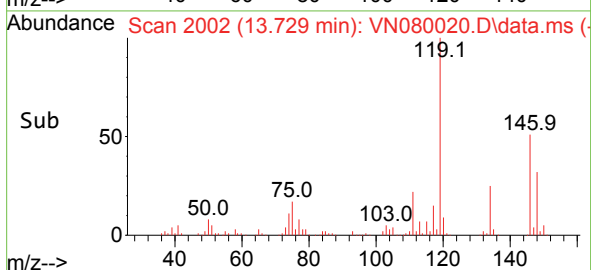
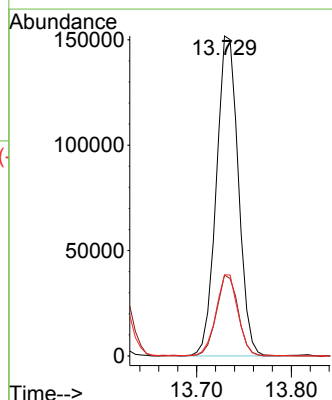
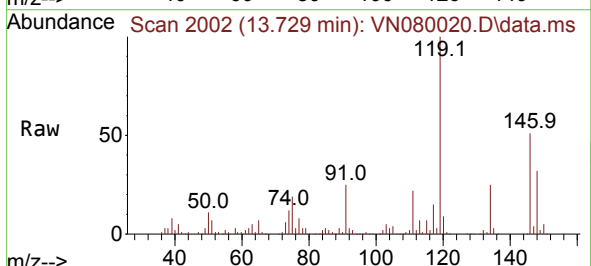
Tgt Ion:119 Resp: 244799

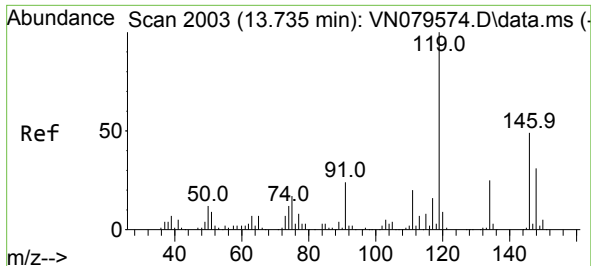
Ion Ratio Lower Upper

119 100

134 25.0 0.0 52.2

91 25.1 0.0 50.0

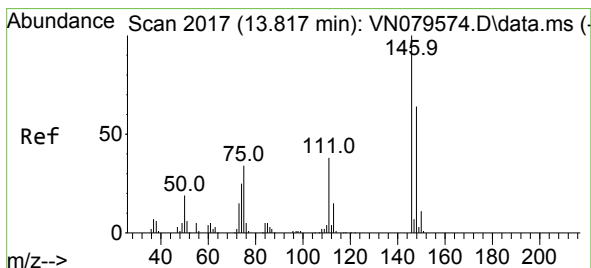
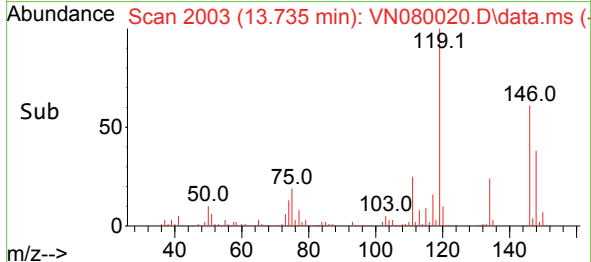
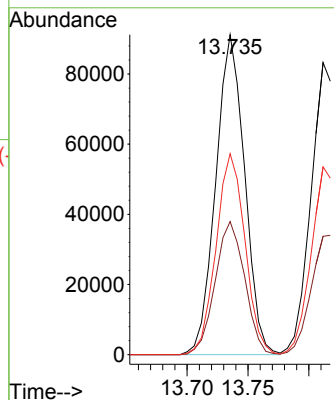
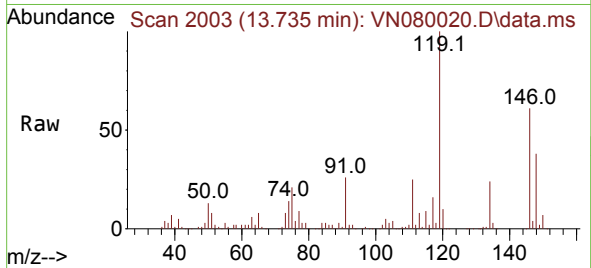




#83
 1,3-Dichlorobenzene
 Concen: 18.604 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

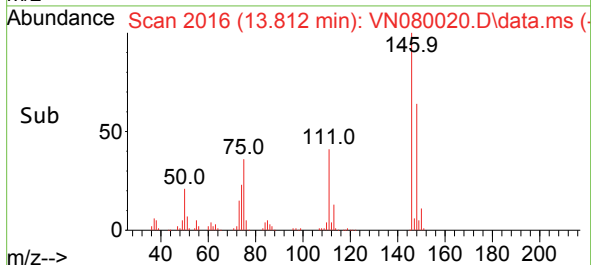
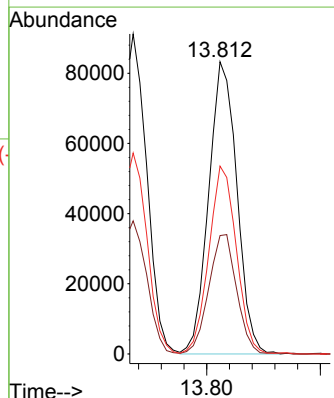
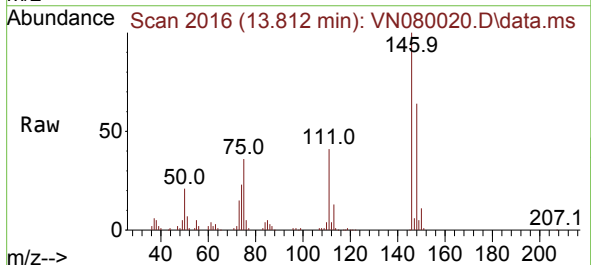
Instrument :
 MSVOA_N
 ClientSampleId :

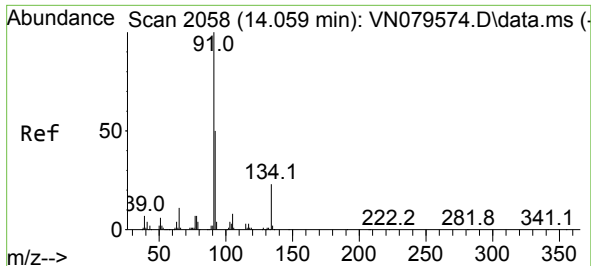
Tgt Ion:146 Resp: 150603
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.0 63.0
 148 62.9 32.4 97.0



#84
 1,4-Dichlorobenzene
 Concen: 18.109 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.005 min
 Lab File: VN080020.D
 Acq: 09 Nov 2023 03:04

Tgt Ion:146 Resp: 143895
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 62.6 32.6 97.7

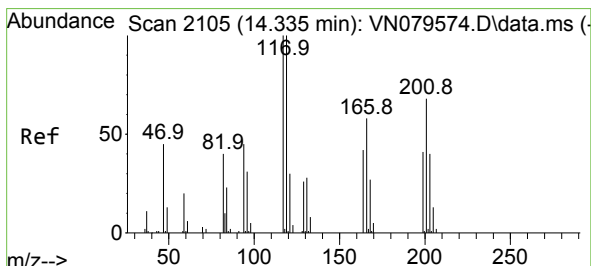
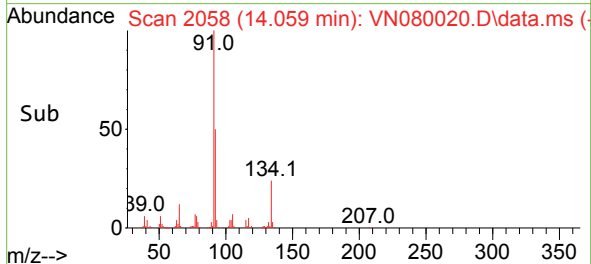
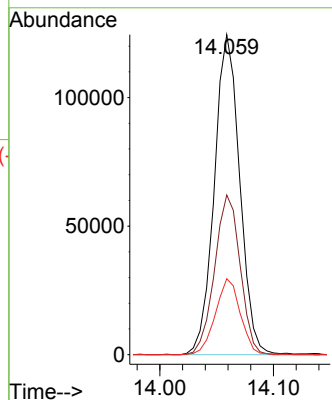
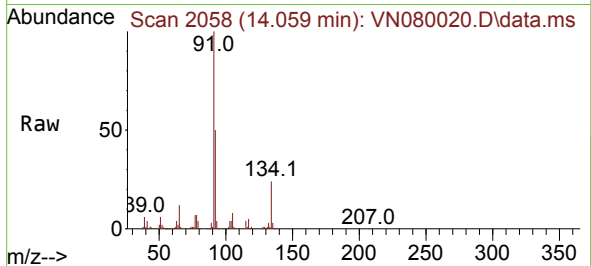




#85
n-Butylbenzene
Concen: 17.245 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

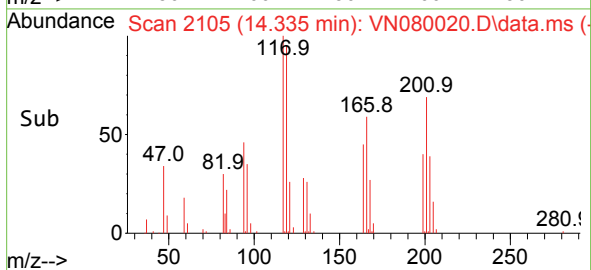
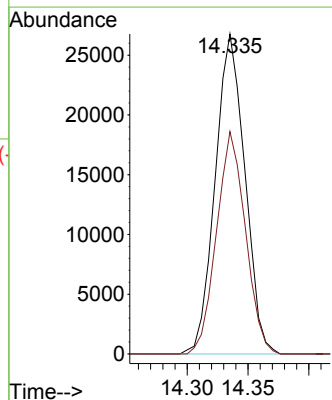
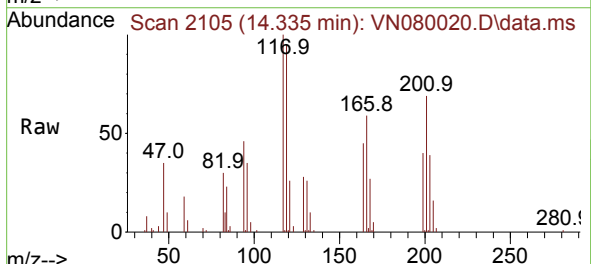
Instrument :
MSVOA_N
ClientSampleId :

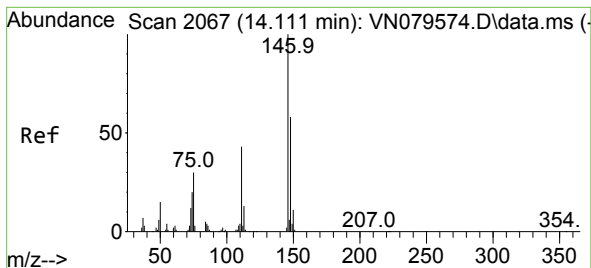
Tgt Ion: 91 Resp: 193546
Ion Ratio Lower Upper
91 100
92 50.1 0.0 99.6
134 23.3 0.0 46.2



#86
Hexachloroethane
Concen: 17.403 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion: 117 Resp: 45411
Ion Ratio Lower Upper
117 100
201 67.8 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 19.211 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.005 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :

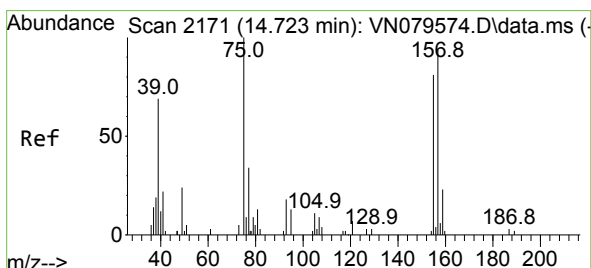
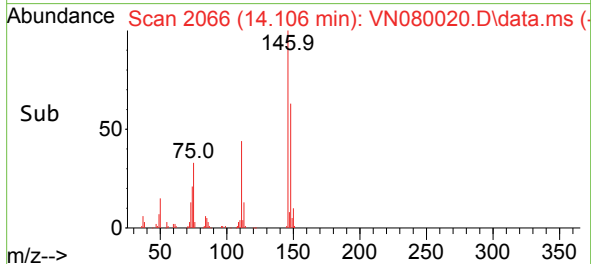
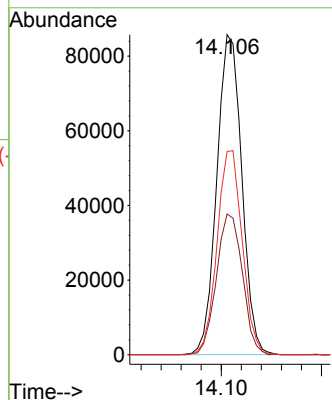
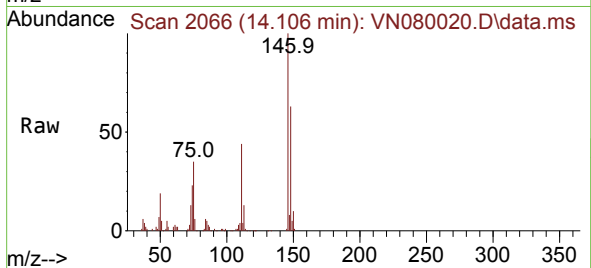
Tgt Ion:146 Resp: 148582

Ion Ratio Lower Upper

146 100

111 45.6 22.0 66.0

148 64.2 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.089 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.005 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

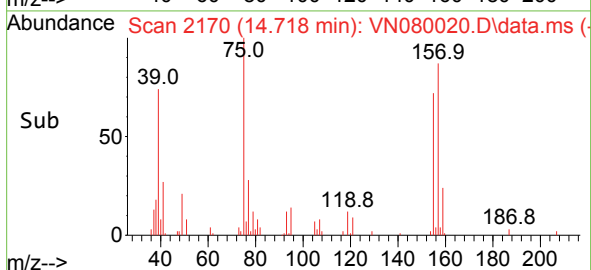
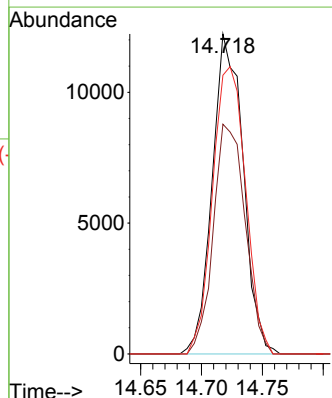
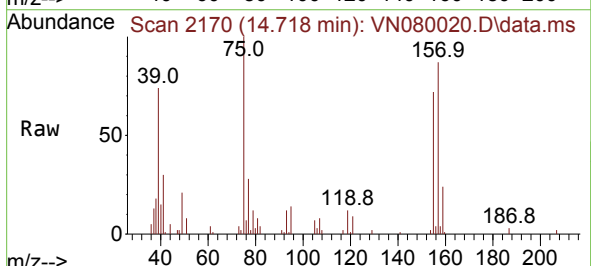
Tgt Ion: 75 Resp: 21487

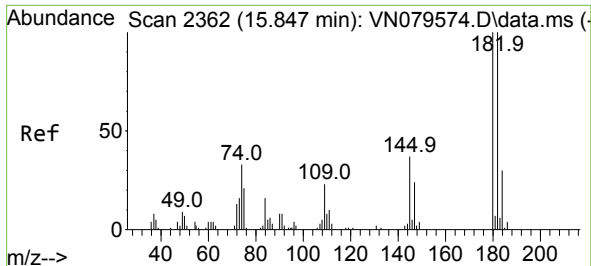
Ion Ratio Lower Upper

75 100

155 74.4 60.7 91.1

157 96.1 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 17.343 ug/l

RT: 15.841 min Scan# 2362

Delta R.T. -0.006 min

Lab File: VN080020.D

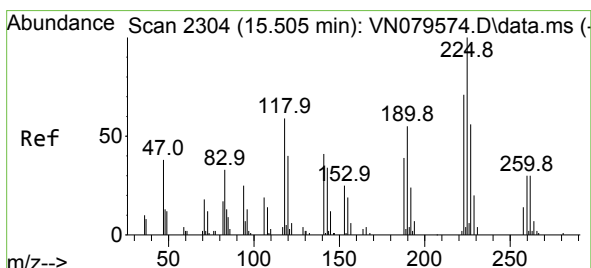
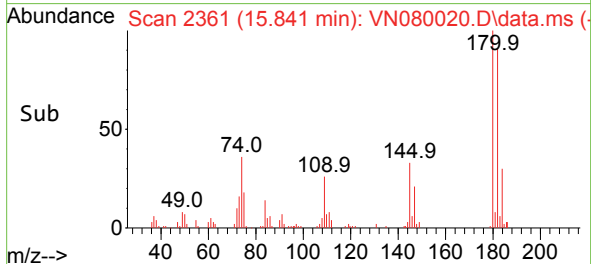
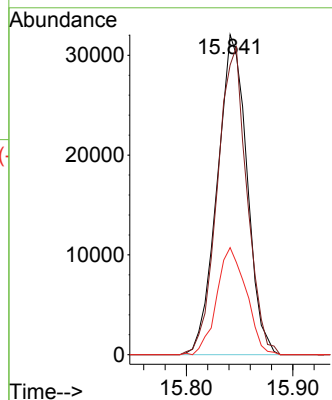
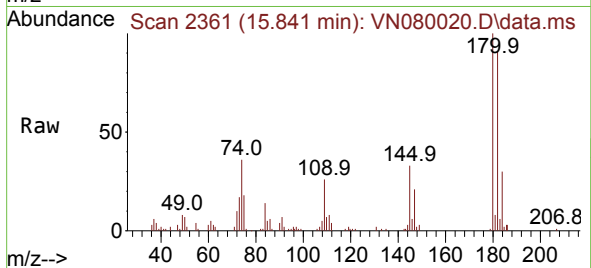
Acq: 09 Nov 2023 03:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	62140
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.2	111.4
145	33.1	25.4	38.2



#90

Hexachlorobutadiene

Concen: 17.868 ug/l

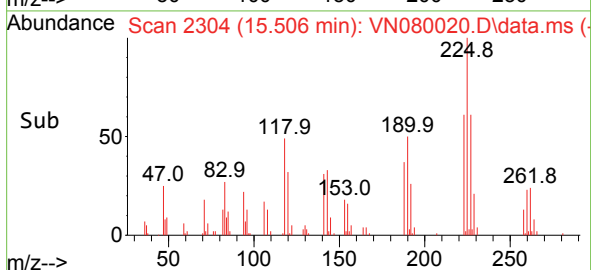
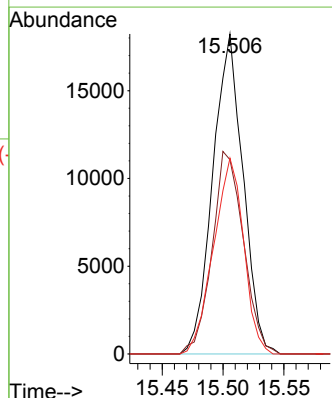
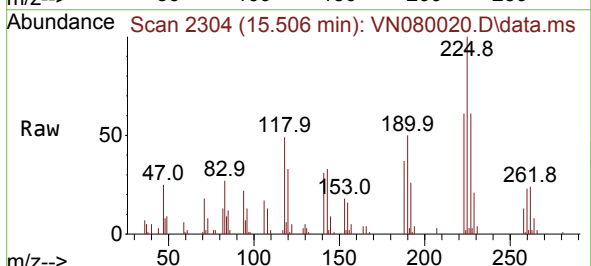
RT: 15.506 min Scan# 2304

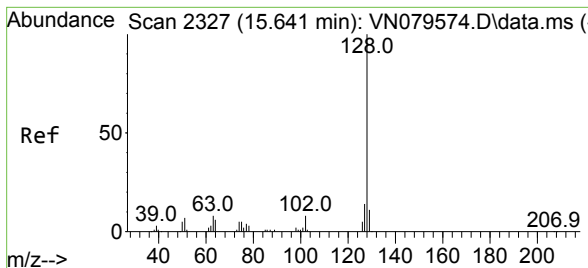
Delta R.T. 0.001 min

Lab File: VN080020.D

Acq: 09 Nov 2023 03:04

Tgt Ion:	225	Resp:	31552
Ion Ratio	Lower	Upper	
225	100		
223	65.4	0.0	126.0
227	60.9	0.0	127.0

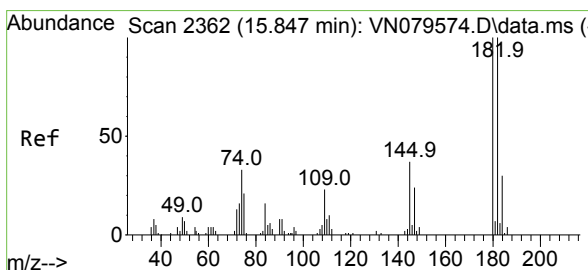
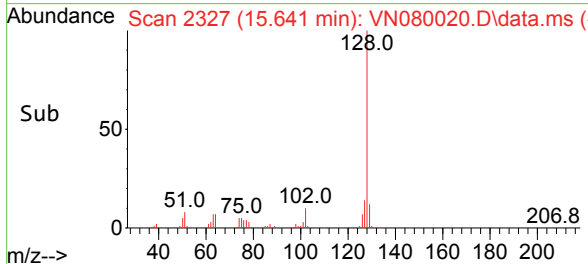
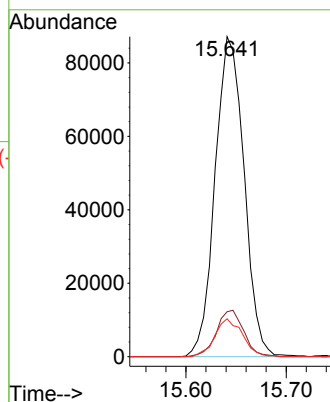
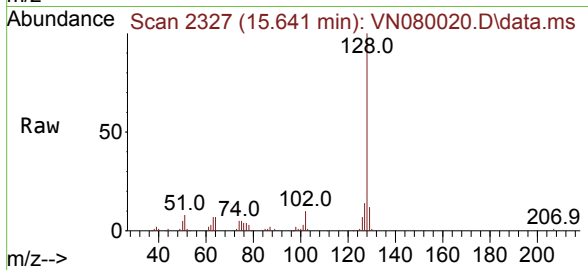




#91
Naphthalene
Concen: 15.209 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 174874
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.4 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 17.343 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080020.D
Acq: 09 Nov 2023 03:04

Tgt Ion:180 Resp: 62140
Ion Ratio Lower Upper
180 100
182 95.3 0.0 185.6
145 33.1 0.0 63.6

