

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077510.D
 Acq On : 28 Apr 2023 19:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 28 22:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	65671	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	484978	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	516728	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	173017	29.552	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.500%
60) 4-Bromofluorobenzene	12.848	95	276268	30.517	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.733%
63) Toluene-d8	10.566	98	547637	30.076	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	145832	17.837	ug/l	99
3) Chloromethane	2.372	50	110367	18.273	ug/l	98
4) Vinyl Chloride	2.525	62	157926	18.800	ug/l	98
5) Bromomethane	2.966	94	129755	18.298	ug/l	98
6) Chloroethane	3.131	64	110004	18.185	ug/l	90
7) Trichlorofluoromethane	3.501	101	240315	19.398	ug/l	96
8) Diethyl Ether	3.972	74	82058	18.929	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	134167	19.162	ug/l	98
10) 1,1-Dichloroethene	4.348	96	125430	18.674	ug/l	96
11) Methyl Iodide	4.601	142	149968	18.199	ug/l	96
12) Methyl Acetate	5.042	43	182559	18.845	ug/l	96
13) Acrolein	4.190	56	118251	101.810	ug/l	100
14) Acrylonitrile	5.731	53	276509	93.038	ug/l	99
15) Acetone	4.443	58	81331	85.711	ug/l	92
16) Carbon Disulfide	4.719	76	299334	17.771	ug/l	97
17) Allyl chloride	5.031	41	126711	17.204	ug/l	96
18) Methylene Chloride	5.284	84	148544	18.746	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	138796	18.701	ug/l	95
20) Diisopropyl ether	6.678	45	330185	19.258	ug/l	98
21) 1,1-Dichloroethane	6.578	63	237649	18.967	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	164232	18.476	ug/l	98
23) tert-Butyl Alcohol	5.525	59	116630	90.963	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	441778	18.962	ug/l	98
25) Chloroform	7.972	83	277328	19.258	ug/l	93
26) Cyclohexane	8.266	56	192831	18.866	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	192803	18.860	ug/l	100
30) 2-Butanone	7.489	43	335036	89.391	ug/l	99
31) 2,2-Dichloropropane	7.501	77	221705	18.535	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	253369	19.202	ug/l	97
33) Carbon Tetrachloride	8.366	117	212742	18.576	ug/l	92
34) Benzene	8.613	78	590597	18.786	ug/l	98
35) Methacrylonitrile	7.789	41	76788	20.066	ug/l	92
36) 1,2-Dichloroethane	8.678	62	211770	19.724	ug/l	98
37) Trichloroethene	9.360	130	150866	18.987	ug/l	87
38) Methylcyclohexane	9.607	83	246991	18.390	ug/l	98
39) 1,2-Dichloropropane	9.625	63	140189	19.253	ug/l	90
40) Dibromomethane	9.713	93	108514	18.897	ug/l	99
41) Bromodichloromethane	9.889	83	217223	19.153	ug/l	99
42) Vinyl Acetate	6.613	43	1000673	84.775	ug/l	100

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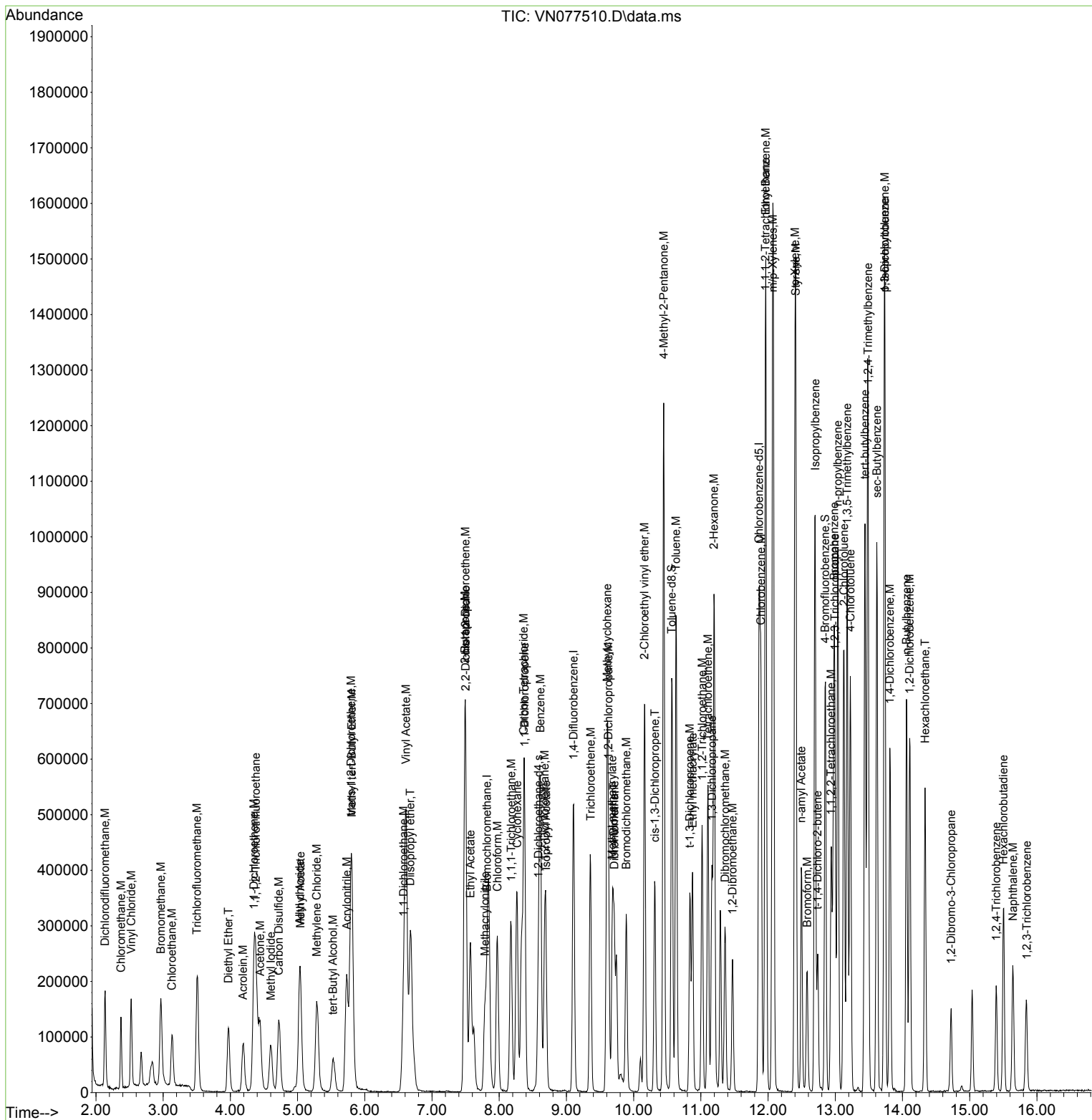
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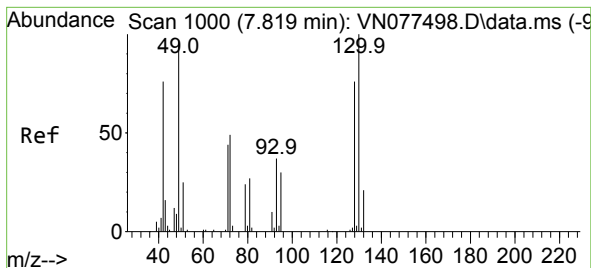
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	140623	19.384	ug/l #	78
44) Isopropyl Acetate	8.695	43	248208	19.314	ug/l	96
45) 1,4-Dioxane	9.701	88	57052	366.076	ug/l	94
46) Methyl methacrylate	9.683	41	109372	18.701	ug/l	97
47) n-amyl Acetate	12.495	43	193393	18.773	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	215638	18.675	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	237598	19.062	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	155529	19.079	ug/l	97
51) Ethyl methacrylate	10.877	69	222811	19.743	ug/l	99
52) 1,3-Dichloropropane	11.166	76	256486	19.389	ug/l	100
53) Dibromochloromethane	11.360	129	163419	19.472	ug/l	100
54) 1,2-Dibromoethane	11.471	107	161967	19.416	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	335016	90.463	ug/l	99
56) Bromoform	12.583	173	98166	18.753	ug/l #	97
58) 4-Methyl-2-Pentanone	10.448	43	727397	97.747	ug/l	99
59) 2-Hexanone	11.195	43	526371	96.007	ug/l	99
61) Tetrachloroethene	11.107	164	116044	19.227	ug/l	91
62) Toluene	10.630	91	678742	19.531	ug/l	100
64) Chlorobenzene	11.895	112	416175	19.603	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	152909	20.154	ug/l	97
66) Ethyl Benzene	11.966	91	740914	19.525	ug/l	100
67) m/p-Xylenes	12.071	106	582144	39.397	ug/l	99
68) o-Xylene	12.401	106	288685	19.668	ug/l	98
69) Styrene	12.413	104	444159	19.461	ug/l	99
70) Isopropylbenzene	12.701	105	746769	20.044	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.936	83	225857	19.902	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	255476	26.464	ug/l	62
73) Bromobenzene	12.983	156	153849	19.203	ug/l	99
74) n-propylbenzene	13.036	91	804925	19.415	ug/l	100
75) 2-Chlorotoluene	13.130	91	503762	19.700	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	570276	19.858	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	59282	18.592	ug/l	93
78) 4-Chlorotoluene	13.224	91	468059	19.334	ug/l	99
79) tert-butylbenzene	13.442	119	531656	20.012	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	517426	19.590	ug/l	100
81) sec-Butylbenzene	13.618	105	724673	19.567	ug/l	99
82) p-Isopropyltoluene	13.736	119	560137	19.300	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	271449	19.367	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	261194	18.860	ug/l	99
85) n-Butylbenzene	14.060	91	409655	18.266	ug/l	99
86) Hexachloroethane	14.336	117	116430	19.804	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	270628	18.979	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	38821	18.506	ug/l	98
89) 1,2,4-Trichlorobenzene	15.395	180	58292	15.575	ug/l	97
90) Hexachlorobutadiene	15.501	225	56160	18.450	ug/l	98
91) Naphthalene	15.642	128	214410	15.693	ug/l	99
92) 1,2,3-Trichlorobenzene	15.848	180	56251	16.064	ug/l	94

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

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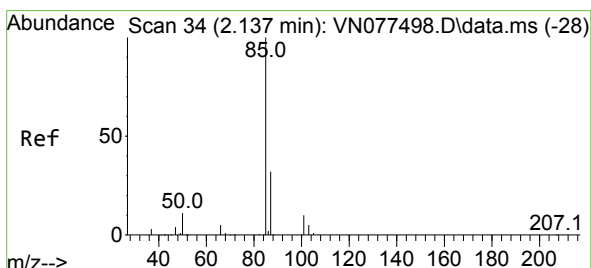
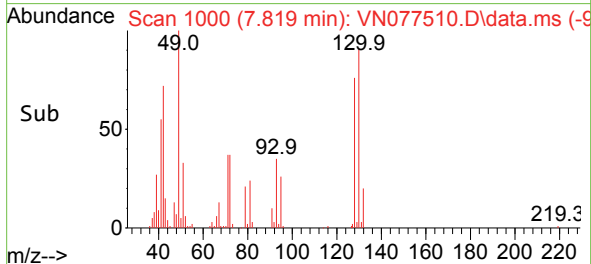
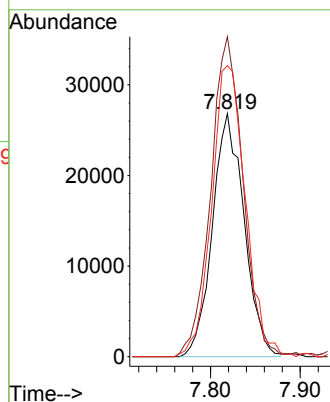
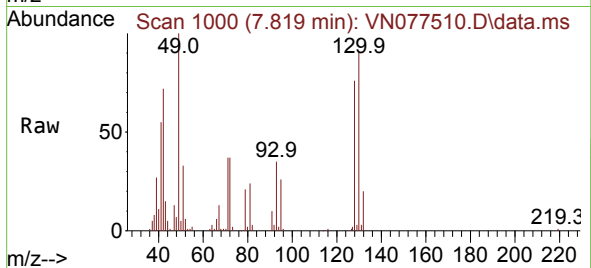




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

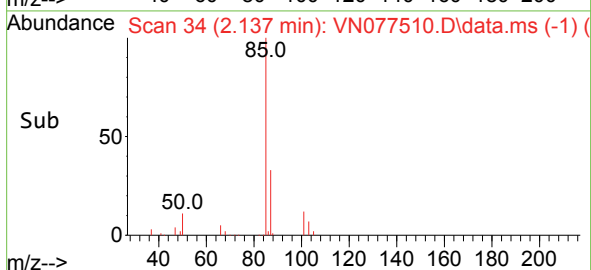
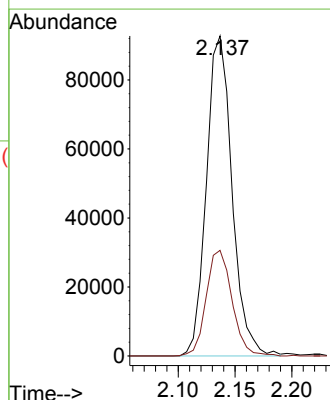
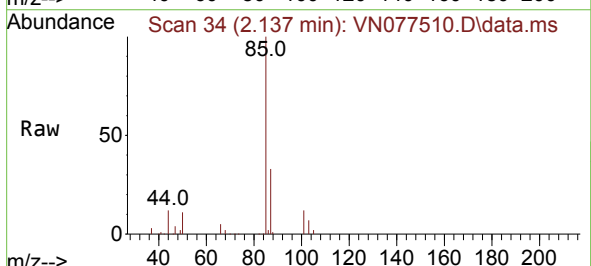
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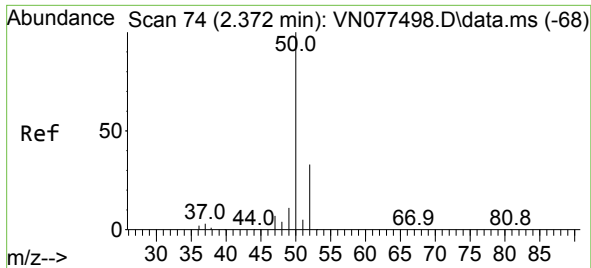
Tgt Ion:128 Resp: 65671
Ion Ratio Lower Upper
128 100
49 134.6 0.0 338.5
130 125.7 0.0 326.3



#2
Dichlorodifluoromethane
Concen: 17.837 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 85 Resp: 145832
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.3

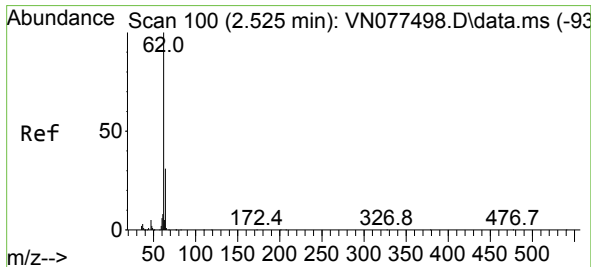
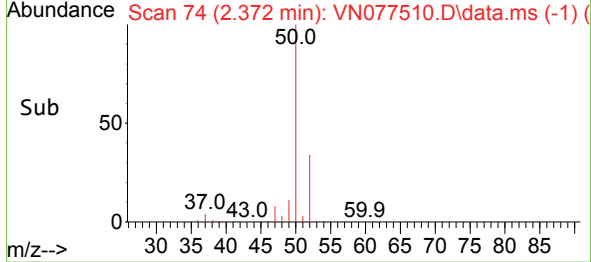
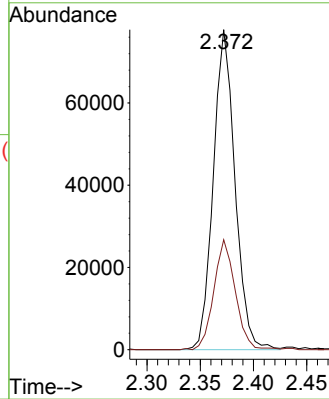
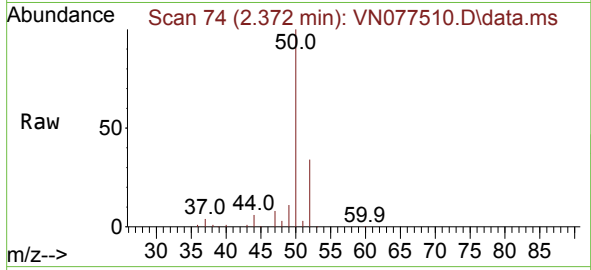




#3
Chloromethane
Concen: 18.273 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

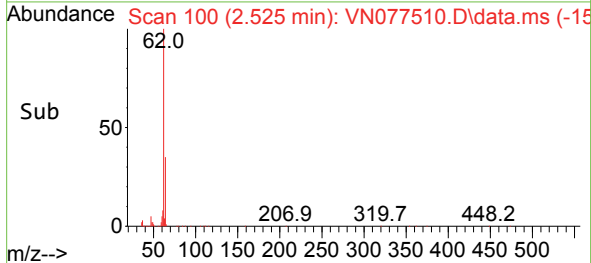
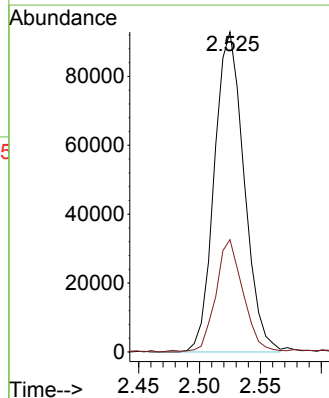
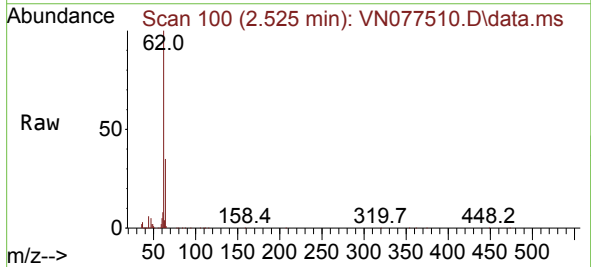
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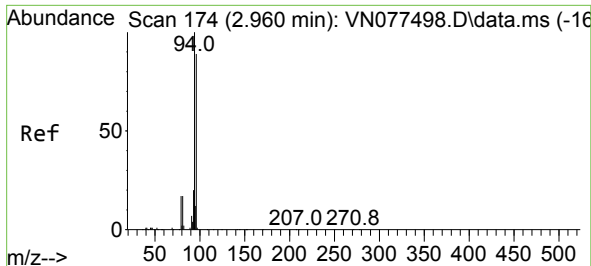
Tgt Ion: 50 Resp: 110367
Ion Ratio Lower Upper
50 100
52 34.4 26.6 39.8



#4
Vinyl Chloride
Concen: 18.800 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 62 Resp: 157926
Ion Ratio Lower Upper
62 100
64 34.8 27.1 40.7

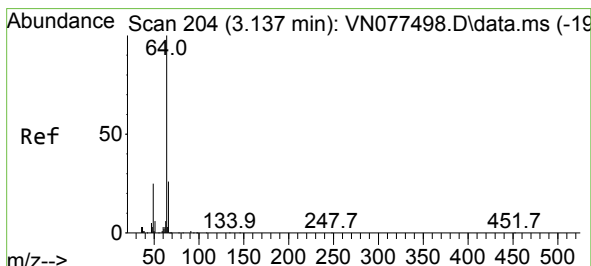
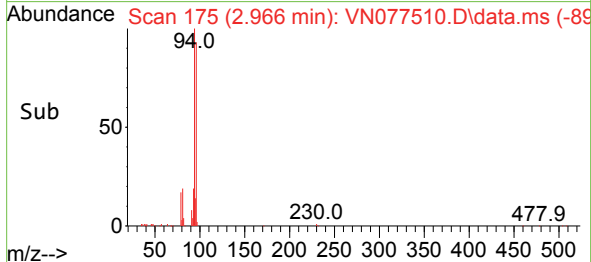
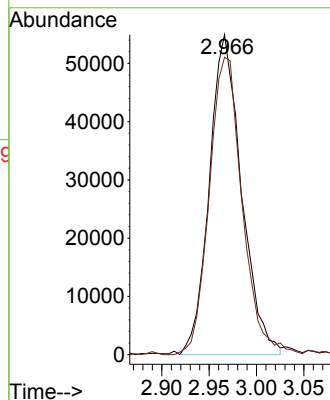
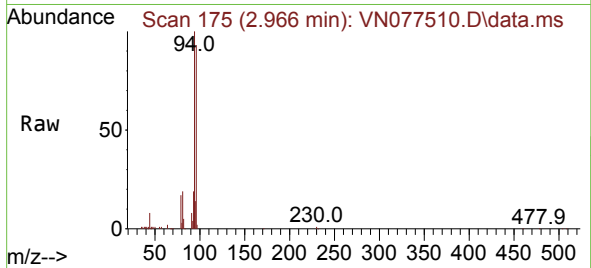




#5
Bromomethane
Concen: 18.298 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

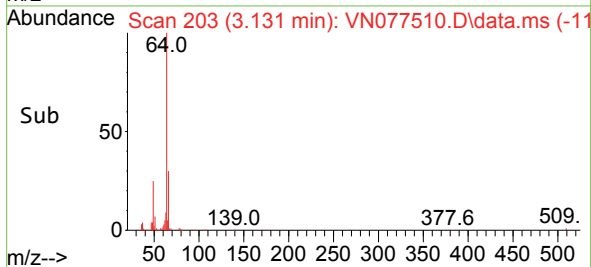
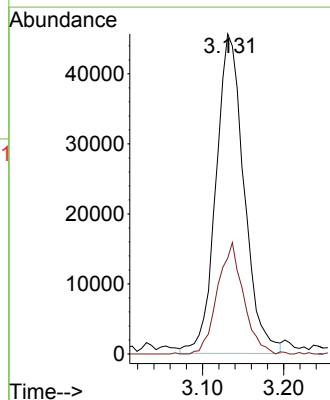
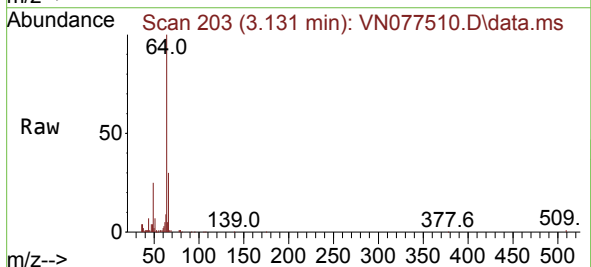
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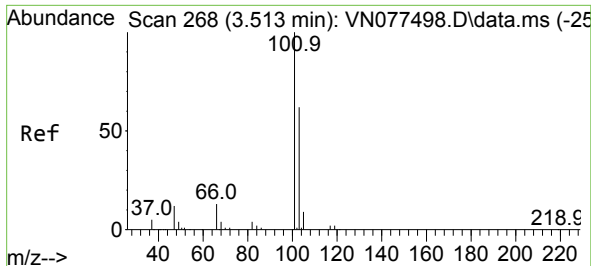
Tgt Ion: 94 Resp: 129755
Ion Ratio Lower Upper
94 100
96 92.1 72.6 108.8



#6
Chloroethane
Concen: 18.185 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 64 Resp: 110004
Ion Ratio Lower Upper
64 100
66 30.5 29.1 43.7

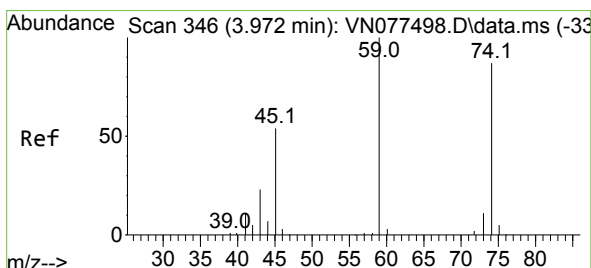
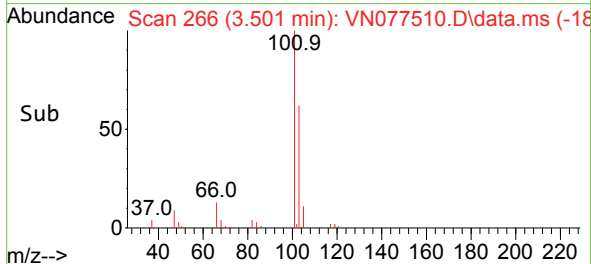
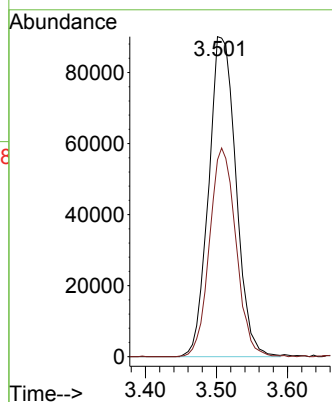
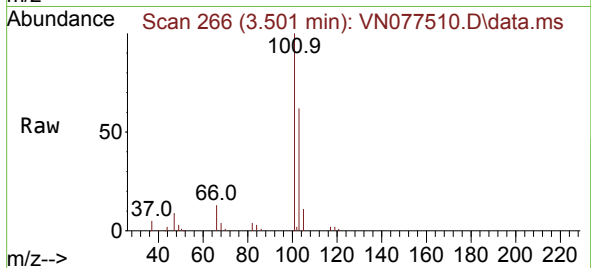




#7
 Trichlorofluoromethane
 Concen: 19.398 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

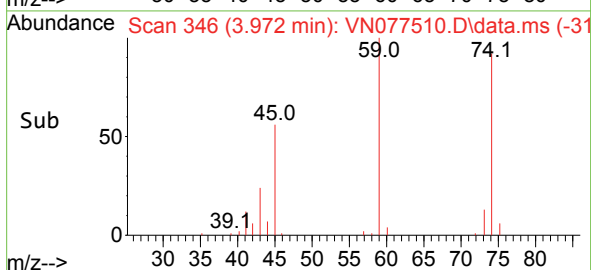
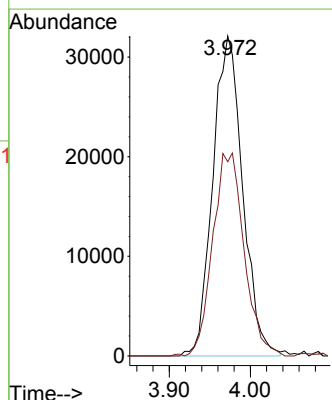
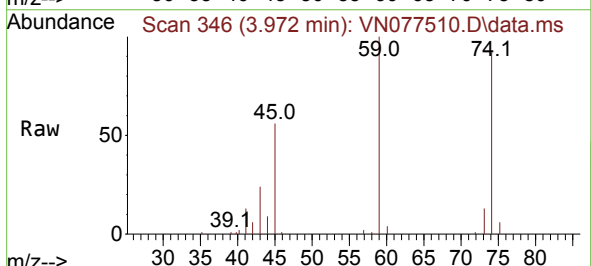
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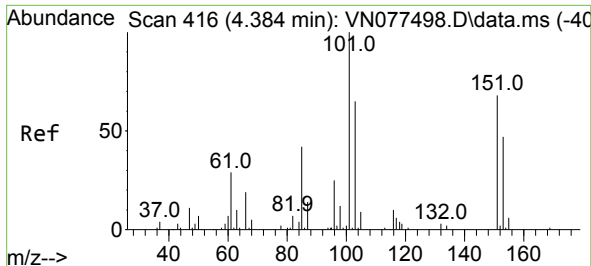
Tgt Ion:101 Resp: 240315
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.8 77.8



#8
 Diethyl Ether
 Concen: 18.929 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

Tgt Ion: 74 Resp: 82058
 Ion Ratio Lower Upper
 74 100
 45 66.6 13.6 122.0

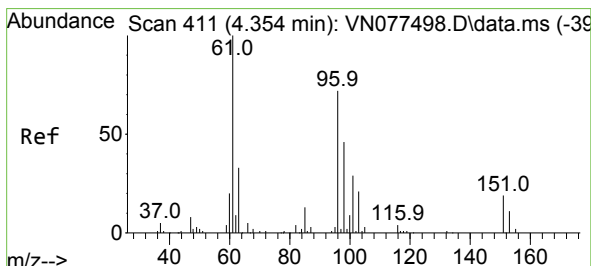
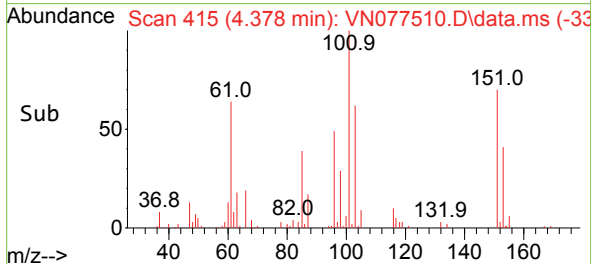
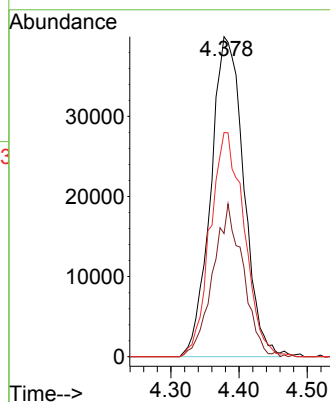
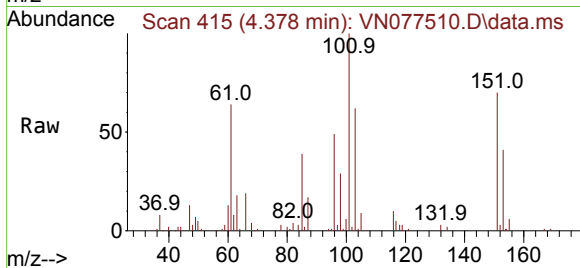




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.162 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077510.D
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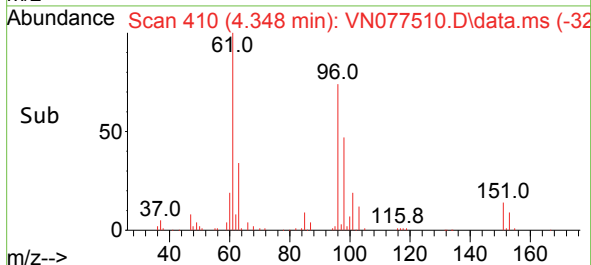
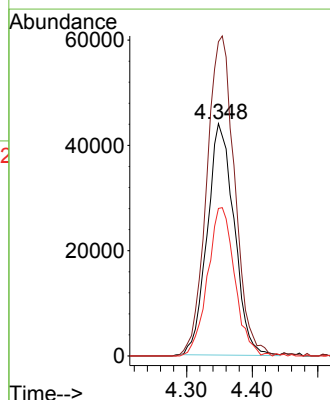
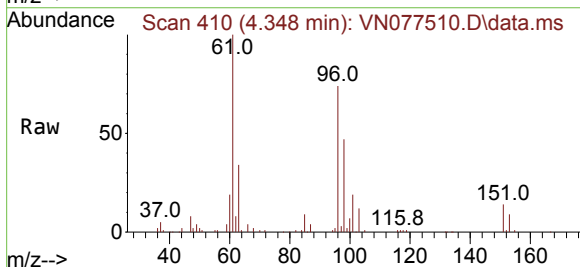
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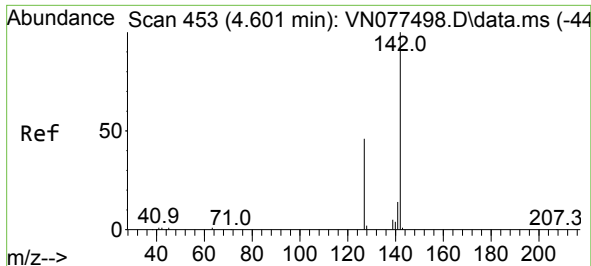
Tgt Ion:101 Resp: 134167
Ion Ratio Lower Upper
101 100
85 43.8 0.0 90.4
151 72.0 0.0 140.8



#10
1,1-Dichloroethene
Concen: 18.674 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 96 Resp: 125430
Ion Ratio Lower Upper
96 100
61 135.4 108.8 163.2
98 63.8 43.5 65.3

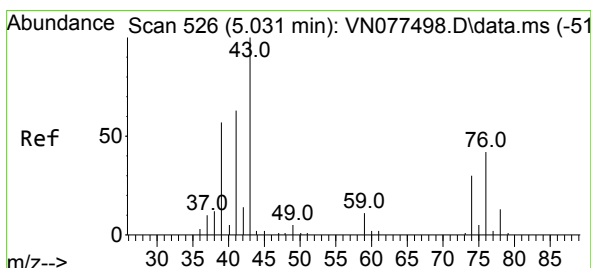
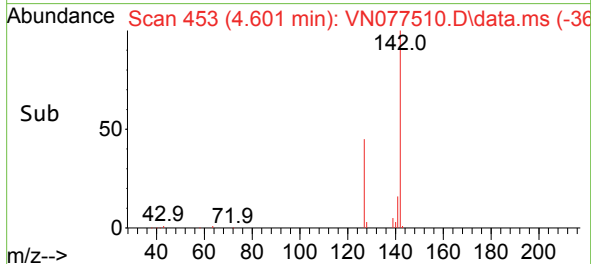
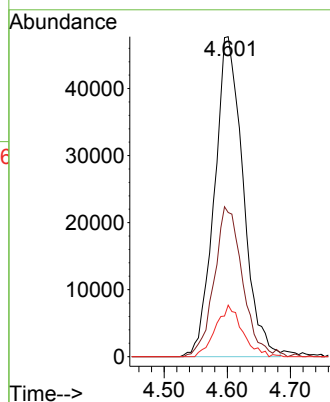
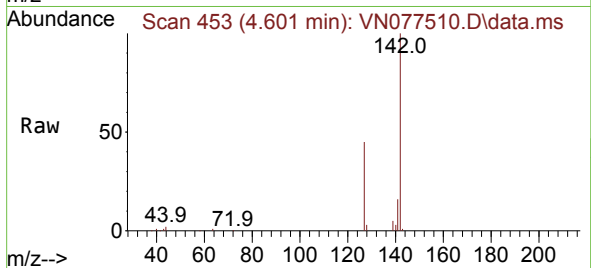




#11
Methyl Iodide
Concen: 18.199 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

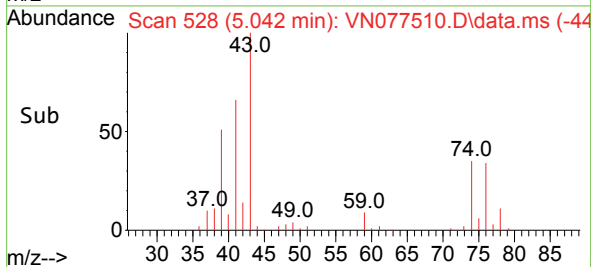
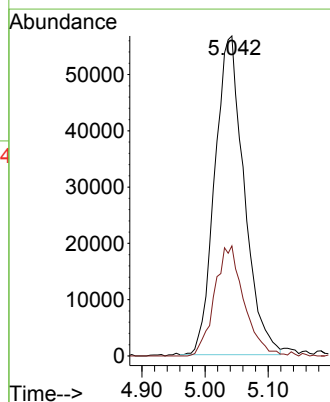
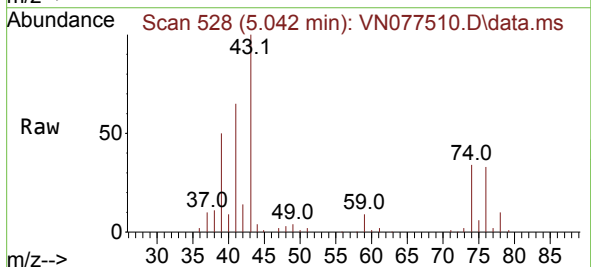
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

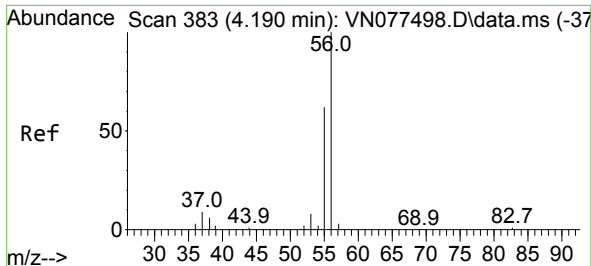
Tgt Ion:142 Resp: 149968
Ion Ratio Lower Upper
142 100
127 44.7 23.1 69.3
141 16.0 6.0 18.0



#12
Methyl Acetate
Concen: 18.845 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 43 Resp: 182559
Ion Ratio Lower Upper
43 100
74 34.5 25.8 38.8

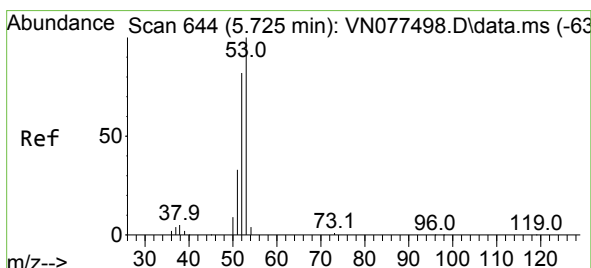
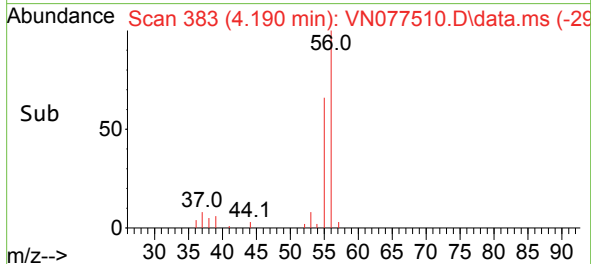
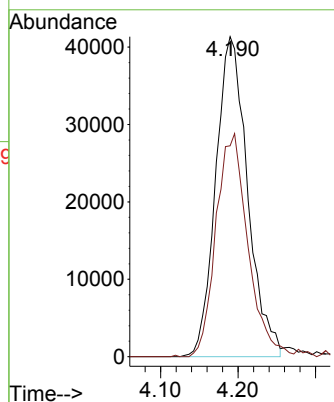
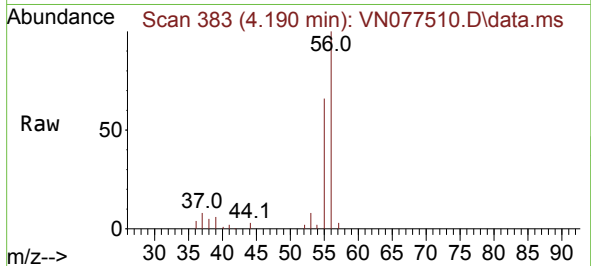




#13
Acrolein
Concen: 101.810 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

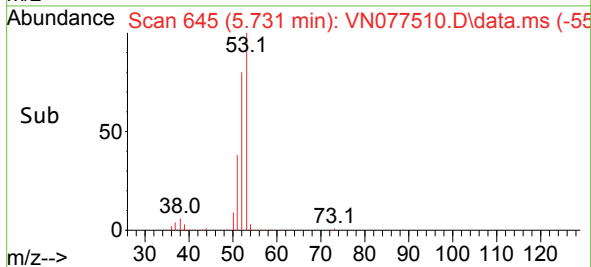
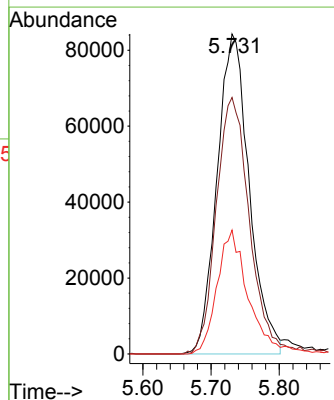
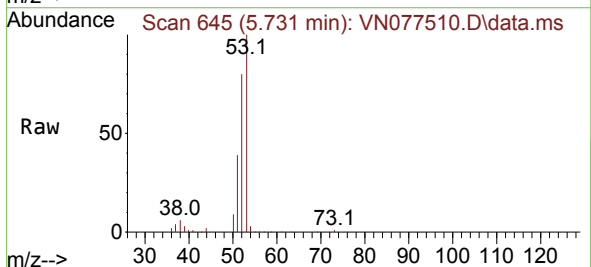
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

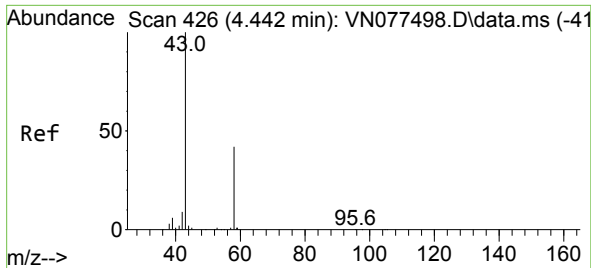
Tgt Ion: 56 Resp: 118251
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6



#14
Acrylonitrile
Concen: 93.038 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 53 Resp: 276509
Ion Ratio Lower Upper
53 100
52 82.6 41.9 125.6
51 36.6 18.0 54.0

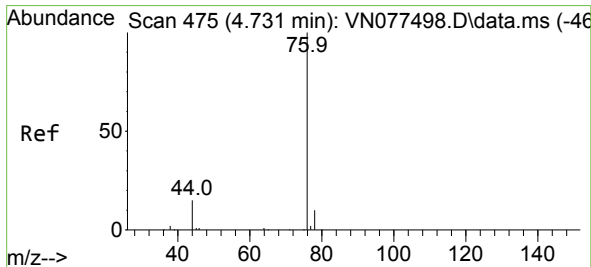
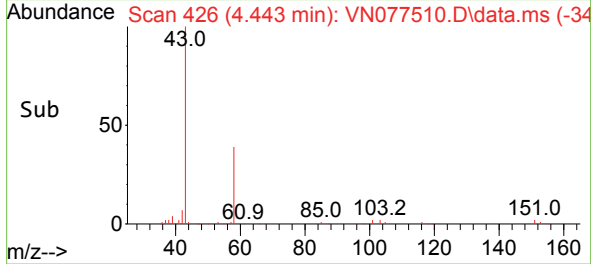
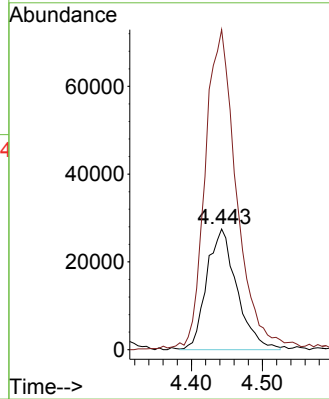
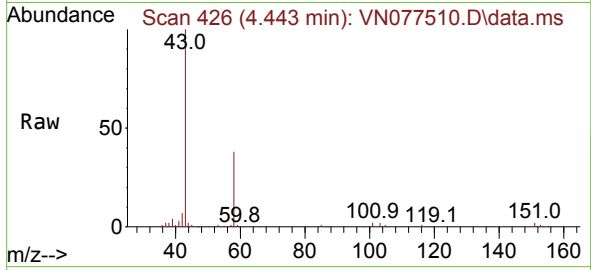




#15
Acetone
Concen: 85.711 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

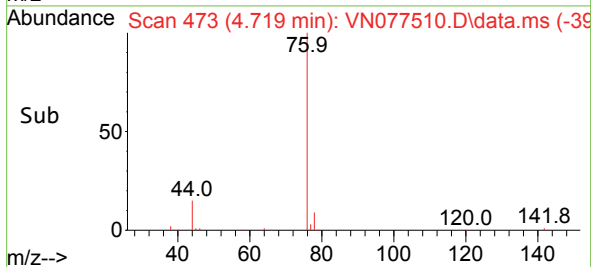
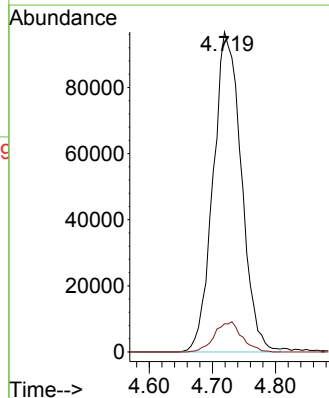
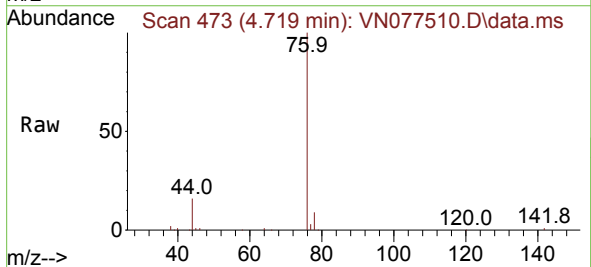
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

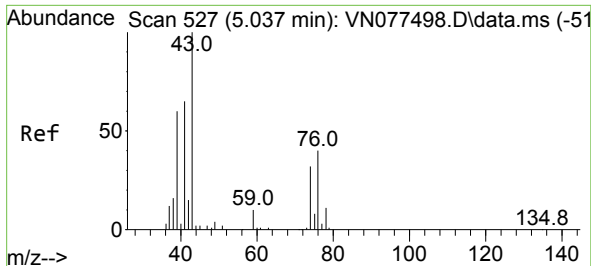
Tgt Ion: 58 Resp: 81331
Ion Ratio Lower Upper
58 100
43 260.8 197.2 295.8



#16
Carbon Disulfide
Concen: 17.771 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.012 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 76 Resp: 299334
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8



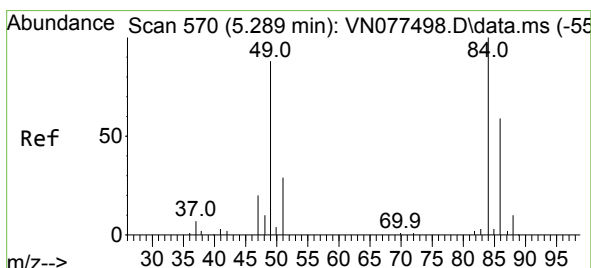
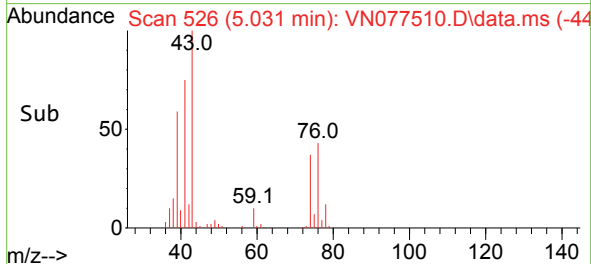
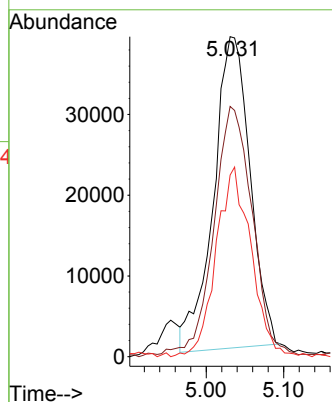
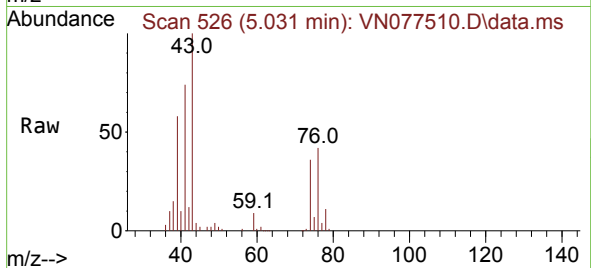


#17
 Allyl chloride
 Concen: 17.204 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 41 Resp: 126711

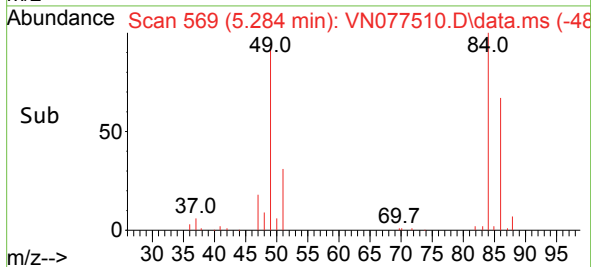
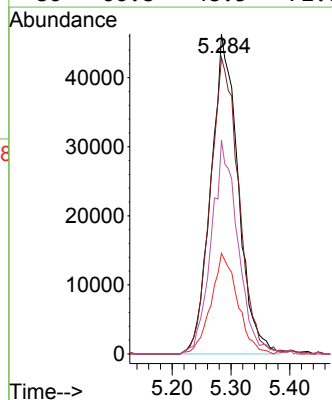
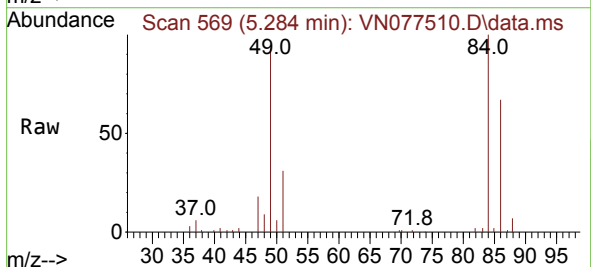
Ion	Ratio	Lower	Upper
41	100		
39	78.4	38.6	116.0
76	57.9	26.1	78.3

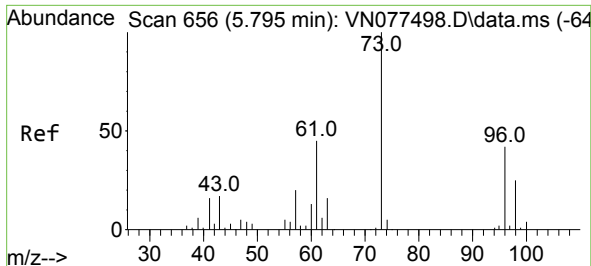


#18
 Methylene Chloride
 Concen: 18.746 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

Tgt Ion: 84 Resp: 148544

Ion	Ratio	Lower	Upper
84	100		
49	92.6	74.6	112.0
51	31.5	25.0	37.6
86	66.8	48.5	72.7





#19

trans-1,2-Dichloroethene

Concen: 18.701 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

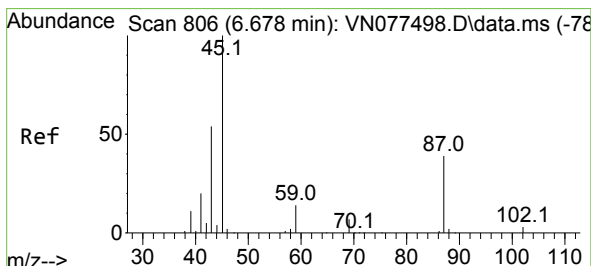
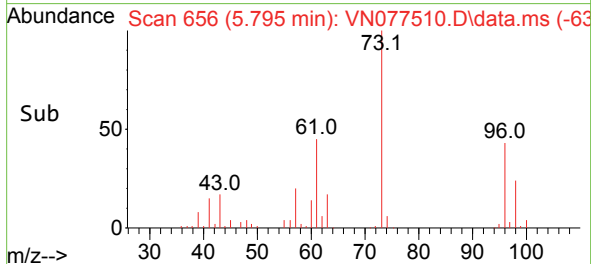
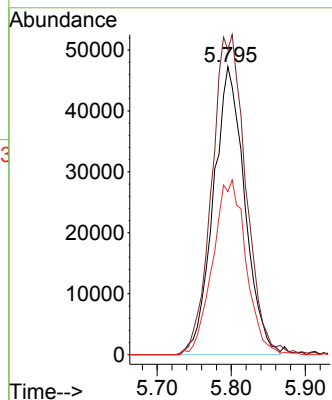
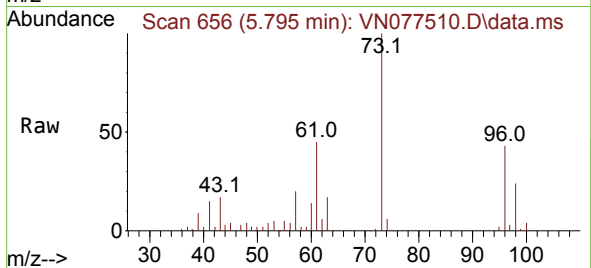
Tgt Ion: 96 Resp: 138796

Ion Ratio Lower Upper

96 100

61 105.3 89.7 134.5

98 56.6 47.0 70.4



#20

Diisopropyl ether

Concen: 19.258 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Tgt Ion: 45 Resp: 330185

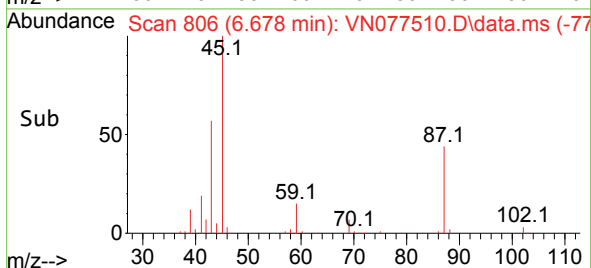
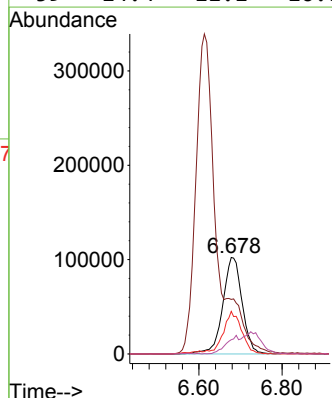
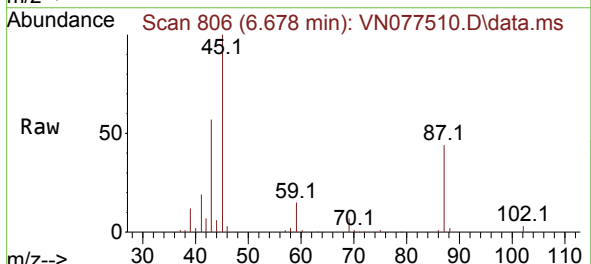
Ion Ratio Lower Upper

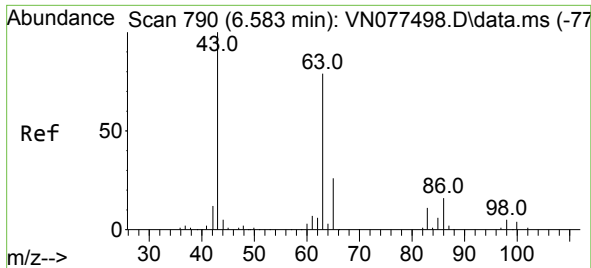
45 100

43 55.7 46.6 69.8

87 44.0 34.6 52.0

59 14.4 11.1 16.7

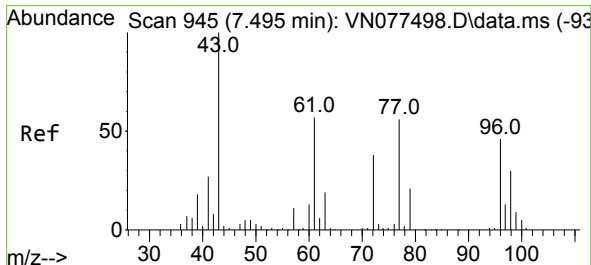
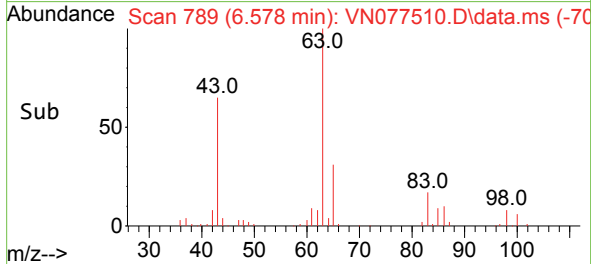
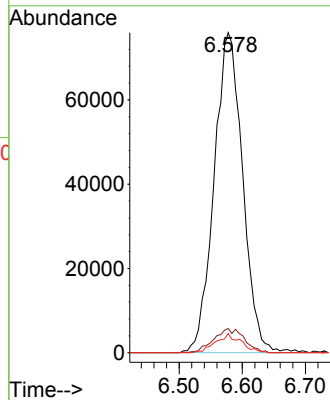
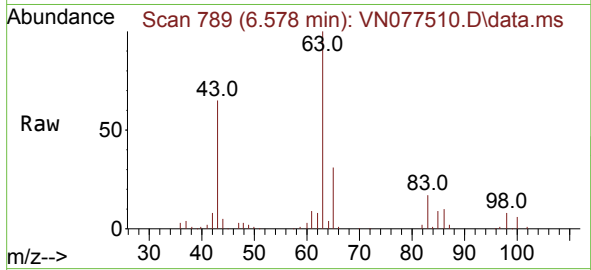




#21
1,1-Dichloroethane
Concen: 18.967 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

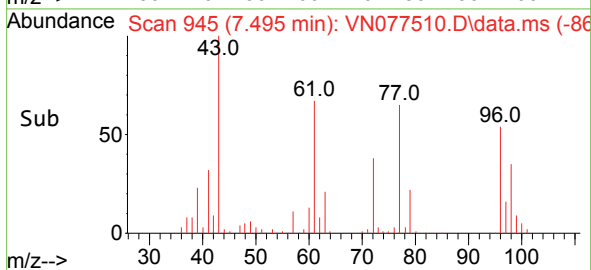
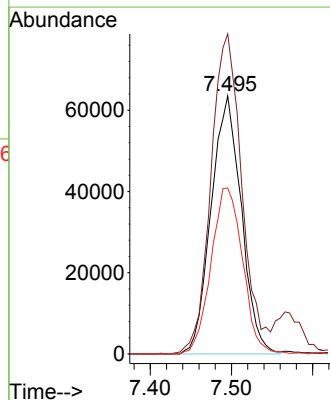
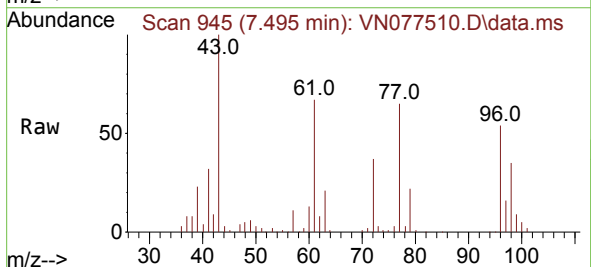
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

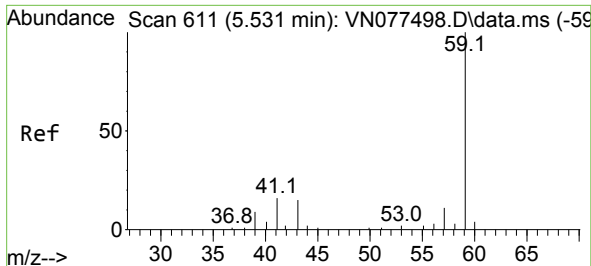
Tgt Ion: 63 Resp: 237649
Ion Ratio Lower Upper
63 100
98 7.6 4.0 12.0
100 6.0 3.4 10.1



#22
cis-1,2-Dichloroethene
Concen: 18.476 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 96 Resp: 164232
Ion Ratio Lower Upper
96 100
61 127.4 100.2 150.2
98 67.2 51.6 77.4

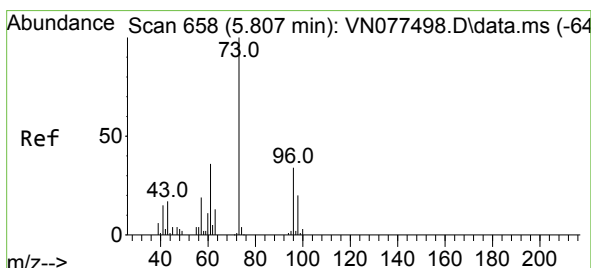
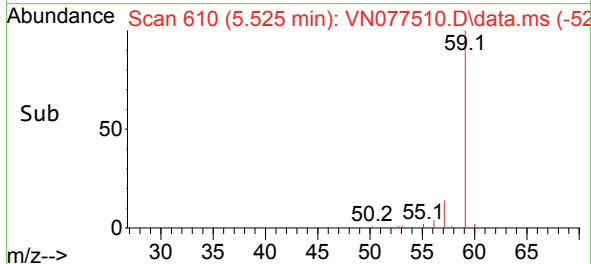
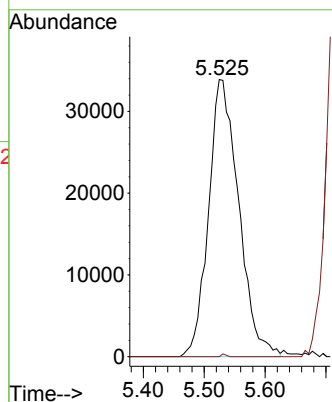
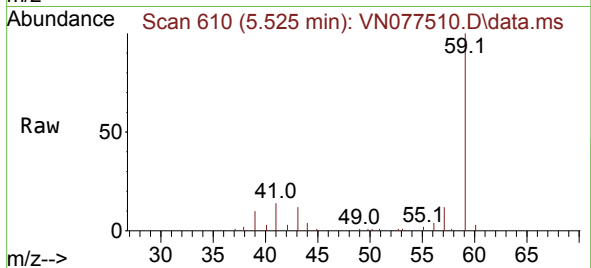




#23
tert-Butyl Alcohol
Concen: 90.963 ug/l
RT: 5.525 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

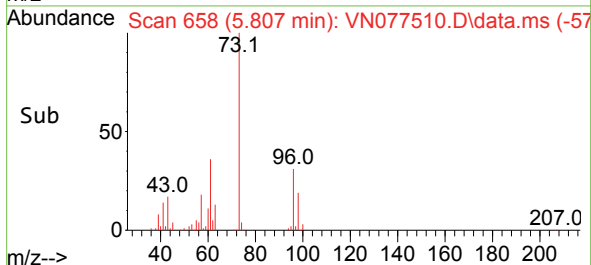
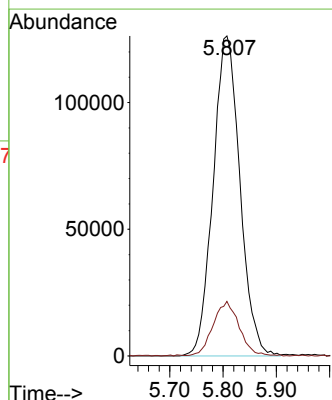
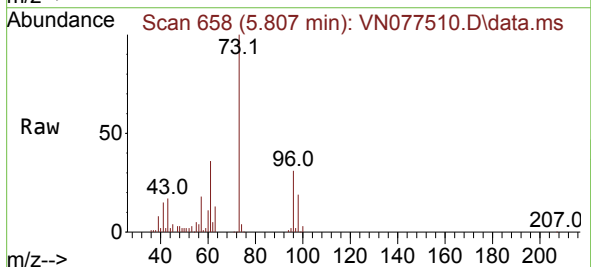
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

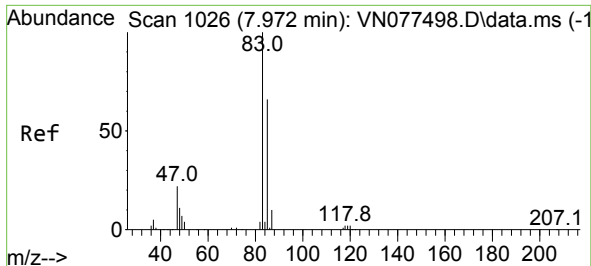
Tgt Ion: 59 Resp: 116630
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 18.962 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 73 Resp: 441778
Ion Ratio Lower Upper
73 100
43 15.9 13.5 20.3

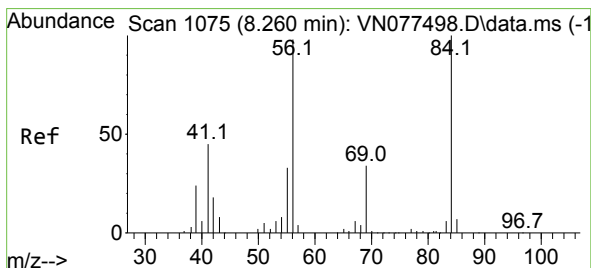
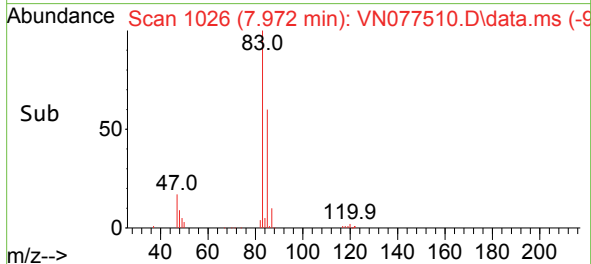
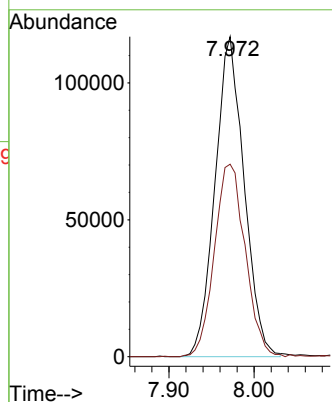
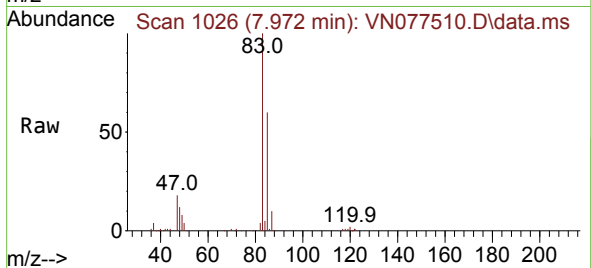




#25
Chloroform
Concen: 19.258 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

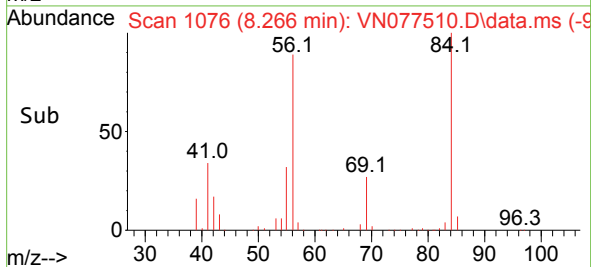
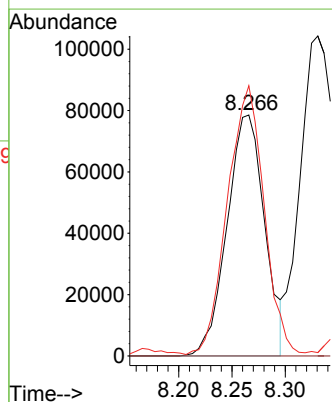
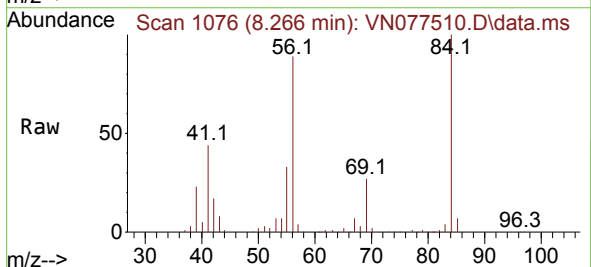
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

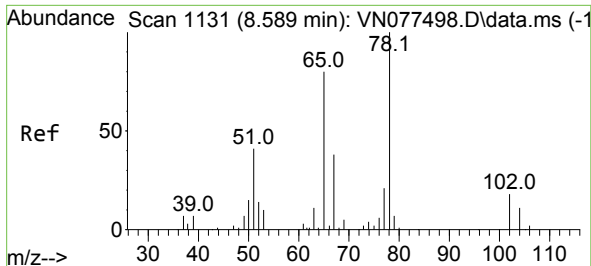
Tgt Ion: 83 Resp: 277328
Ion Ratio Lower Upper
83 100
85 60.3 53.0 79.4



#26
Cyclohexane
Concen: 18.866 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 56 Resp: 192831
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 110.1 85.4 128.2





#27

1,2-Dichloroethane-d4

Concen: 29.552 ug/l

RT: 8.583 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

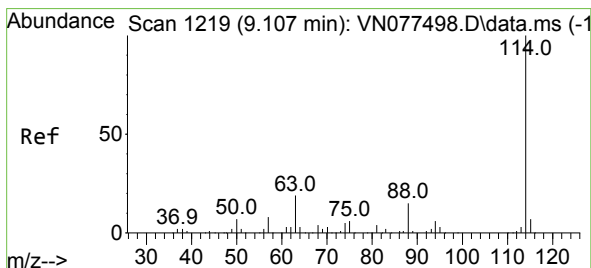
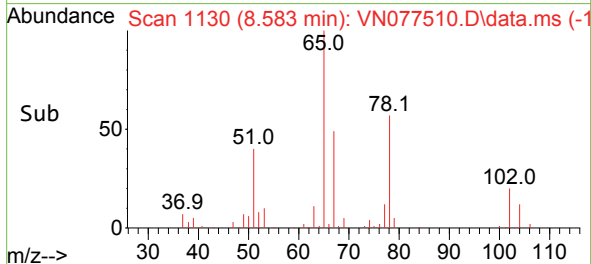
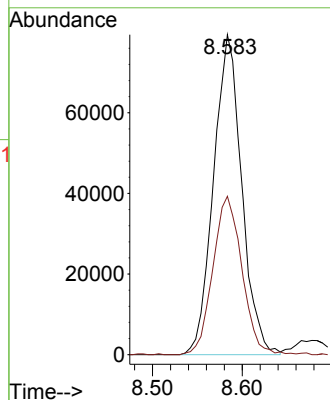
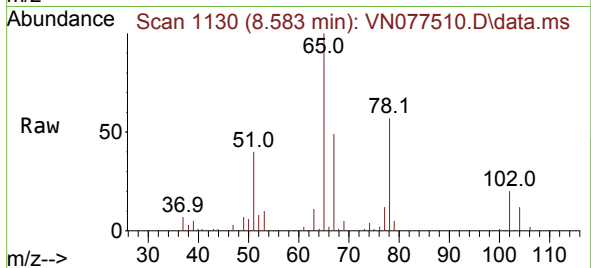
VSTDCCC020EC

Tgt Ion: 65 Resp: 173017

Ion Ratio Lower Upper

65 100

67 51.0 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

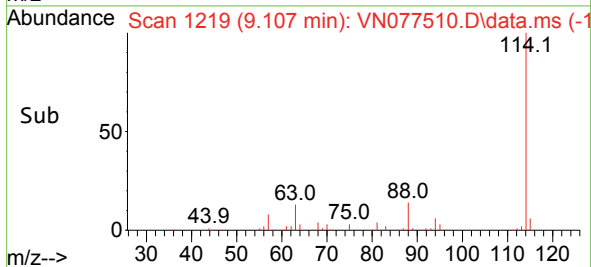
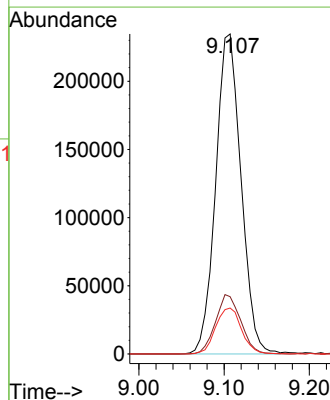
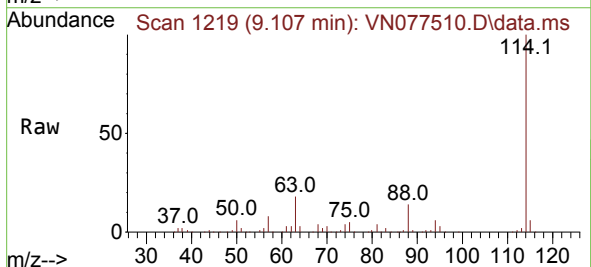
Tgt Ion: 114 Resp: 484978

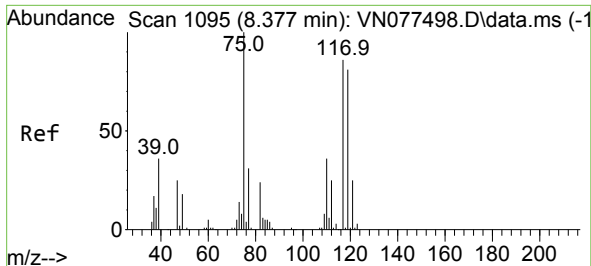
Ion Ratio Lower Upper

114 100

63 18.4 14.1 21.1

88 14.7 12.3 18.5





#29

1,1-Dichloropropene

Concen: 18.860 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

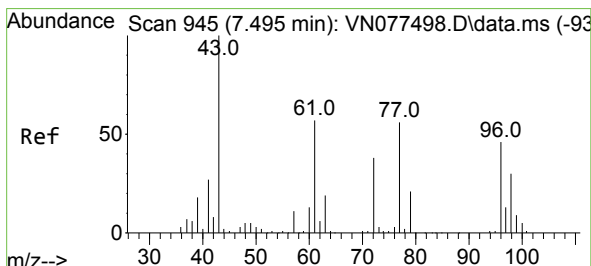
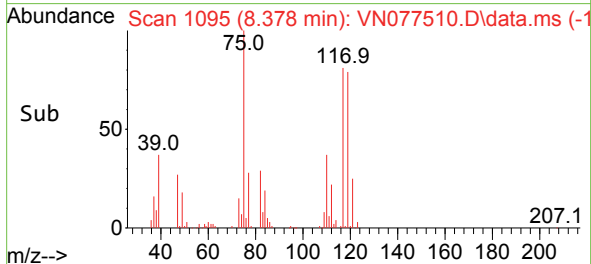
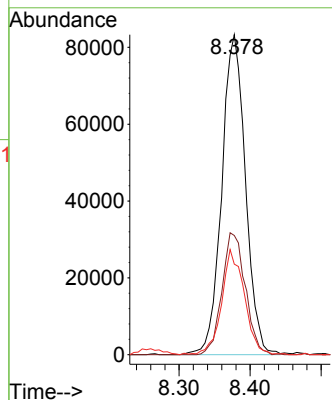
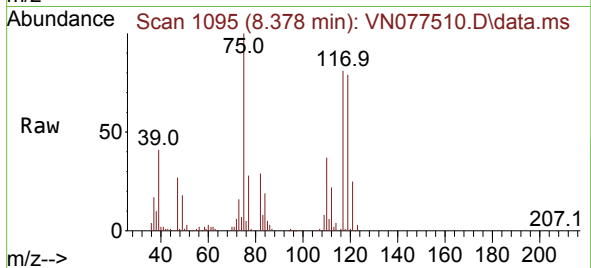
Tgt Ion: 75 Resp: 192803

Ion Ratio Lower Upper

75 100

110 37.4 0.0 74.0

77 31.3 0.0 62.8



#30

2-Butanone

Concen: 89.391 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

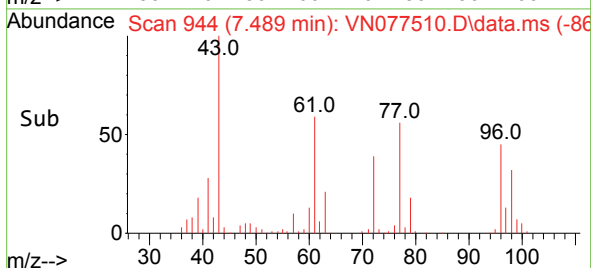
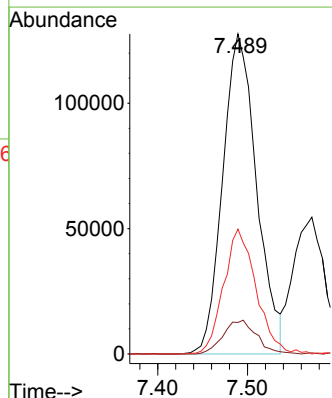
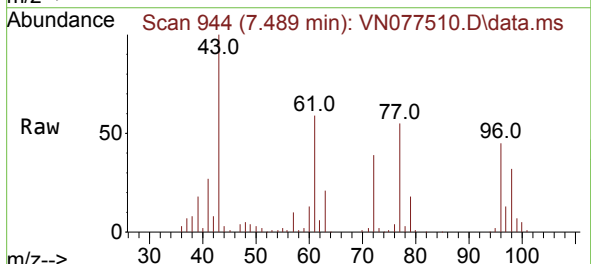
Tgt Ion: 43 Resp: 335036

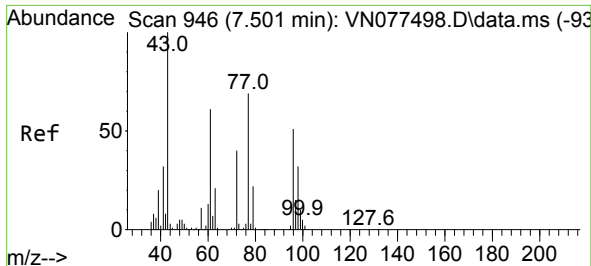
Ion Ratio Lower Upper

43 100

57 10.4 8.0 12.0

72 37.1 30.4 45.6

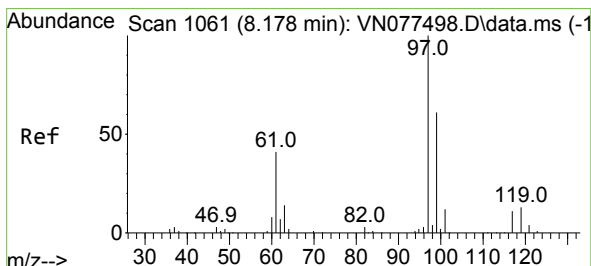
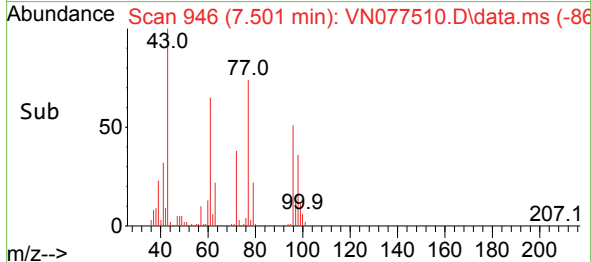
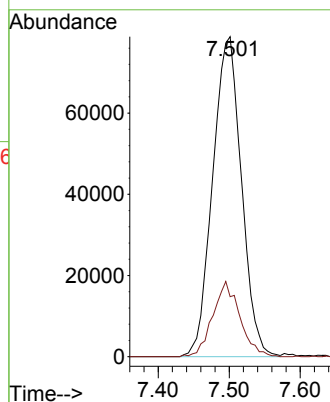
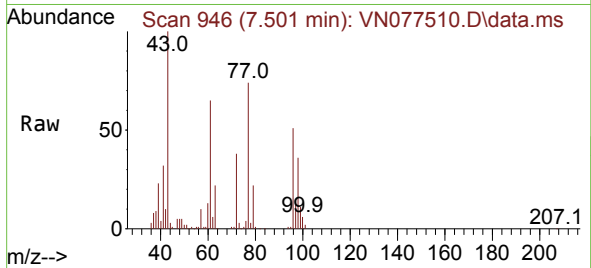




#31
2,2-Dichloropropane
Concen: 18.535 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

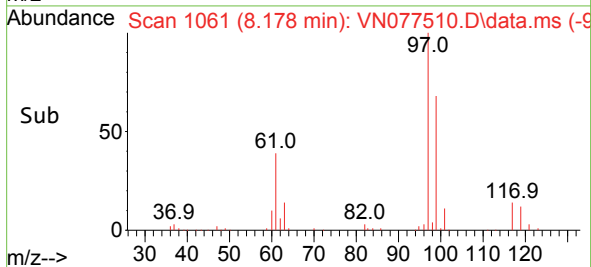
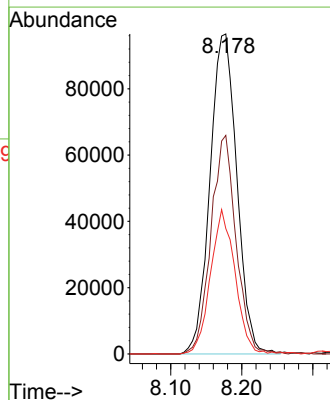
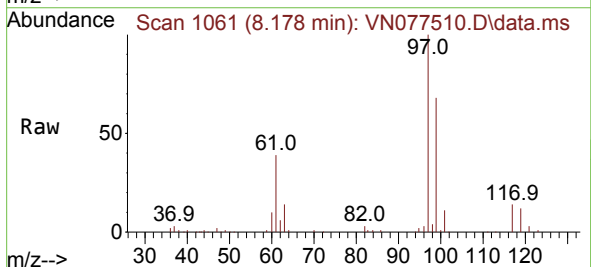
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

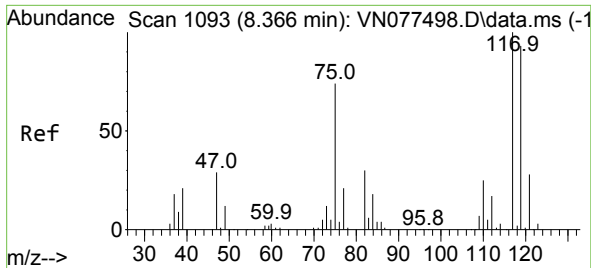
Tgt Ion: 77 Resp: 221705
Ion Ratio Lower Upper
77 100
97 22.1 18.1 27.1



#32
1,1,1-Trichloroethane
Concen: 19.202 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 97 Resp: 253369
Ion Ratio Lower Upper
97 100
99 64.1 50.1 75.1
61 41.0 31.1 46.7

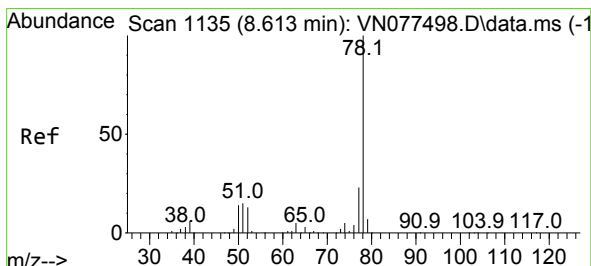
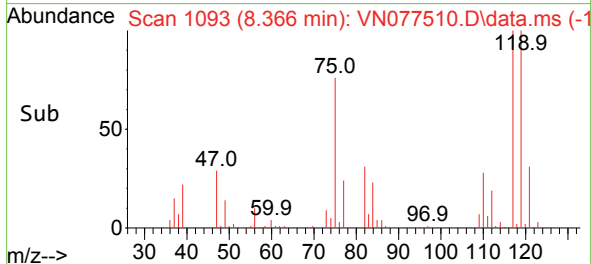
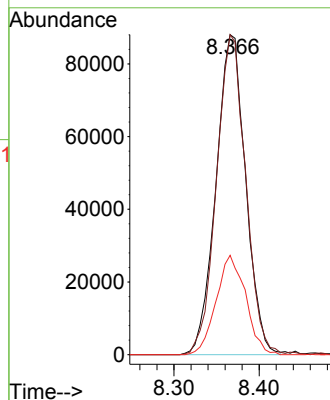
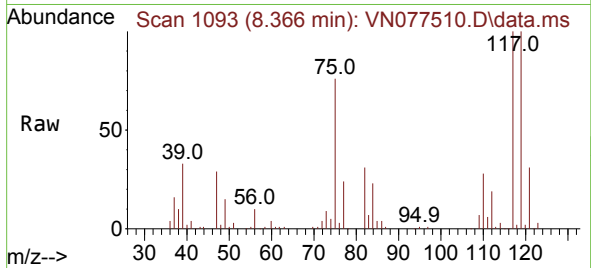




#33
Carbon Tetrachloride
Concen: 18.576 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

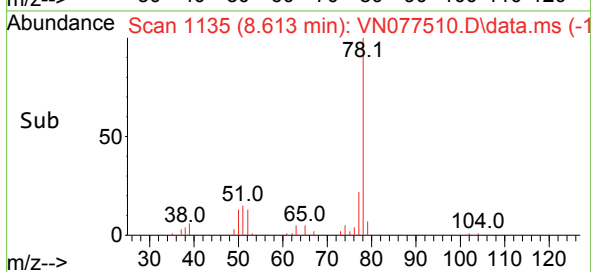
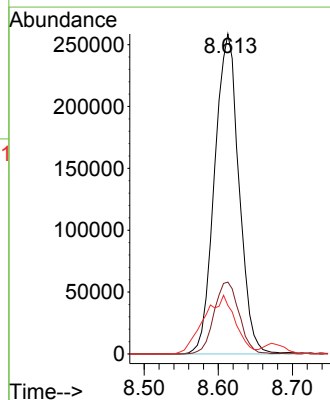
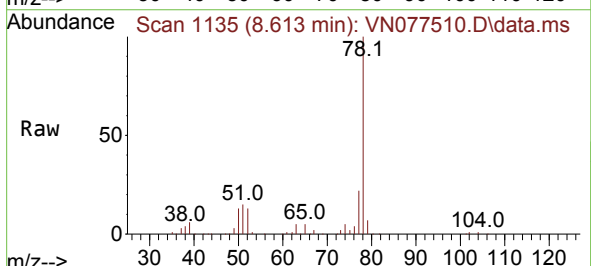
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

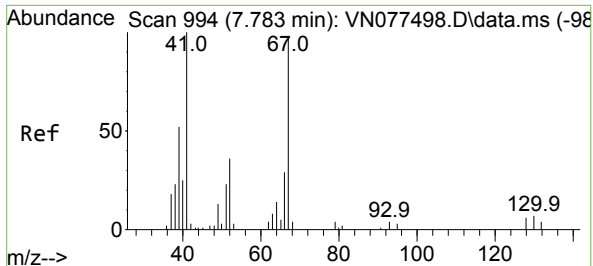
Tgt Ion:117 Resp: 212742
Ion Ratio Lower Upper
117 100
119 100.0 72.6 109.0
121 31.0 24.3 36.5



#34
Benzene
Concen: 18.786 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 78 Resp: 590597
Ion Ratio Lower Upper
78 100
77 22.5 17.1 25.7
51 14.5 11.3 16.9

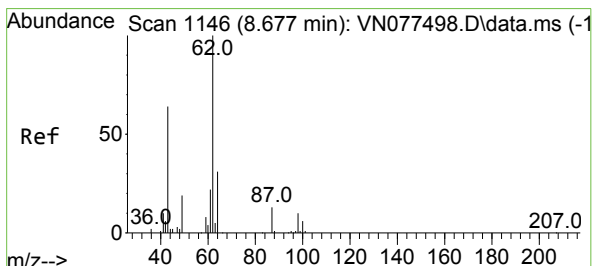
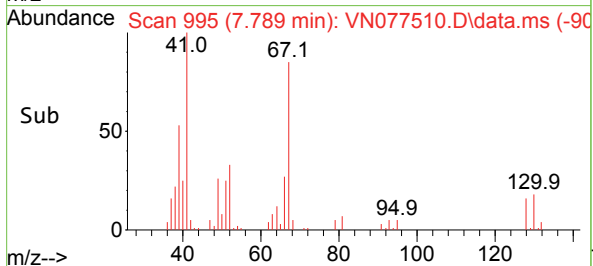
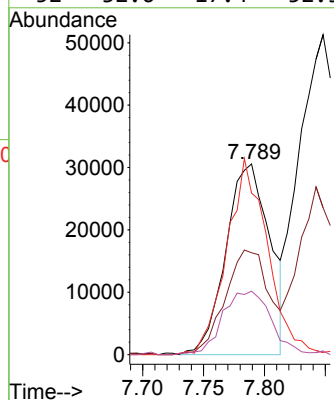
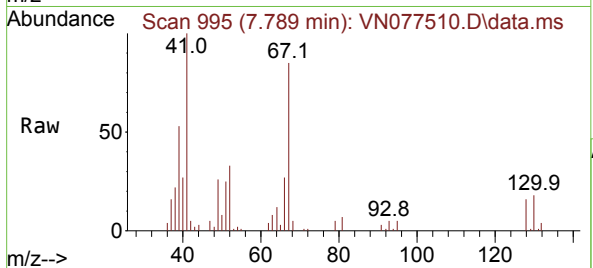




#35
Methacrylonitrile
Concen: 20.066 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

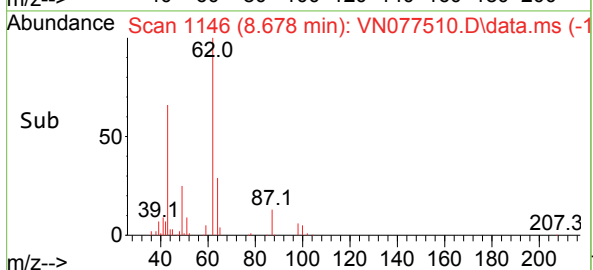
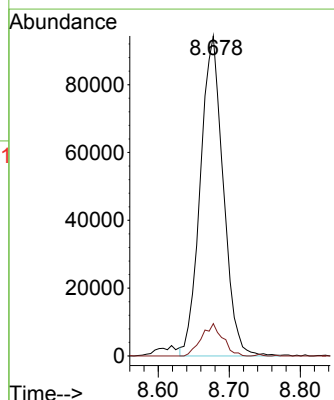
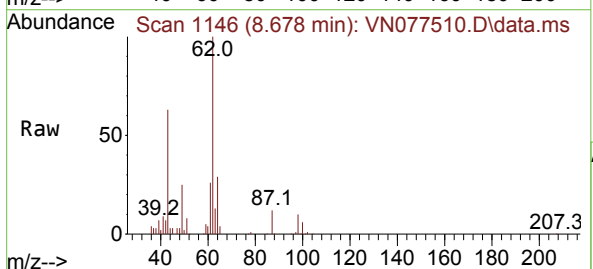
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

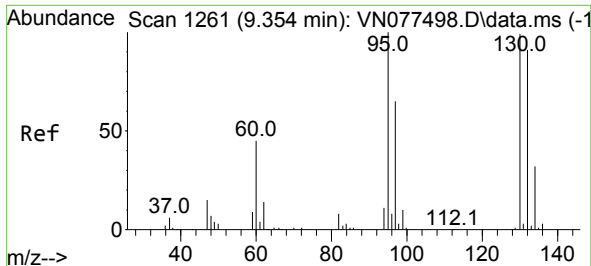
Tgt Ion:	41	Resp:	76788
Ion	Ratio	Lower	Upper
41	100		
39	52.7	25.9	77.8
67	84.2	48.1	144.4
52	32.6	17.4	52.3



#36
1,2-Dichloroethane
Concen: 19.724 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion:	62	Resp:	211770
Ion	Ratio	Lower	Upper
62	100		
98	9.4	8.0	12.0





#37

Trichloroethene

Concen: 18.987 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

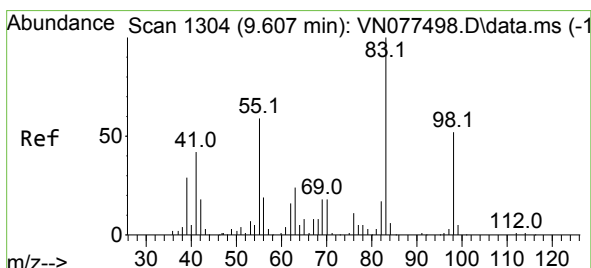
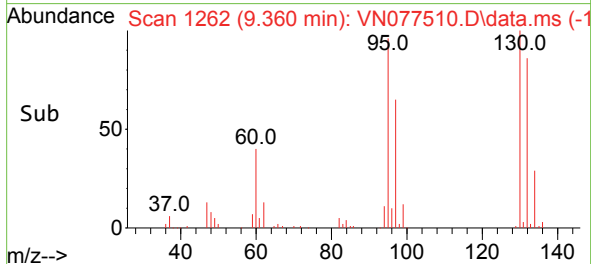
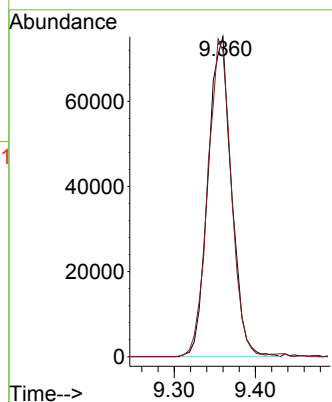
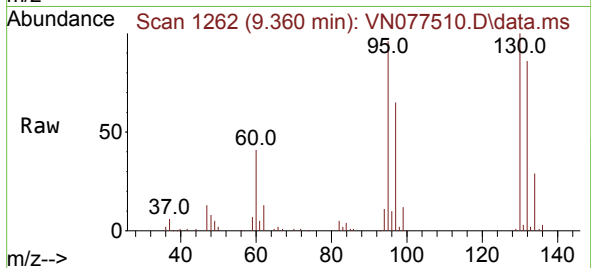
VSTDCCC020EC

Tgt Ion:130 Resp: 150866

Ion Ratio Lower Upper

130 100

95 95.4 87.1 130.7



#38

Methylcyclohexane

Concen: 18.390 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

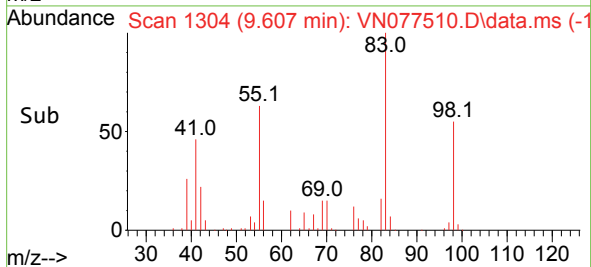
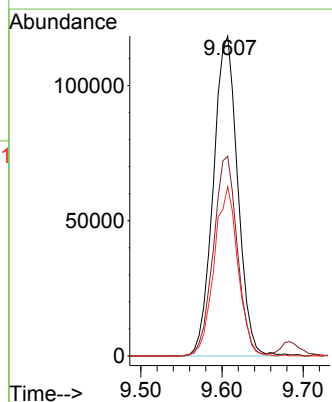
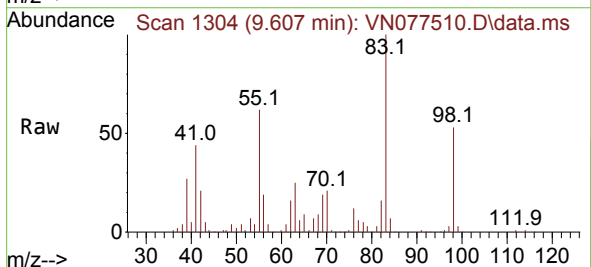
Tgt Ion: 83 Resp: 246991

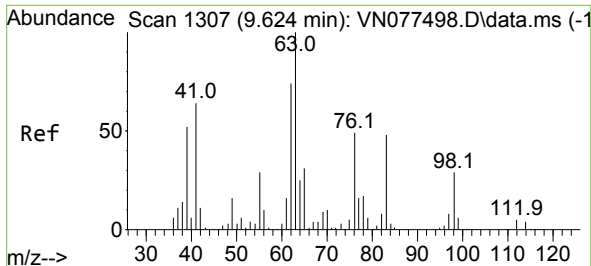
Ion Ratio Lower Upper

83 100

55 61.3 29.6 88.9

98 51.7 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.253 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

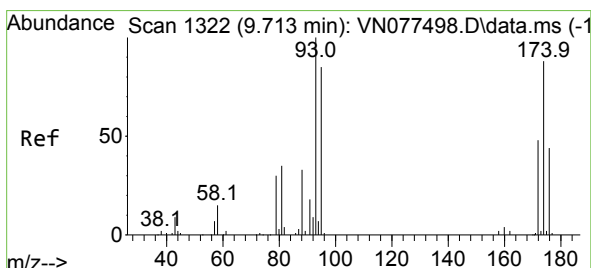
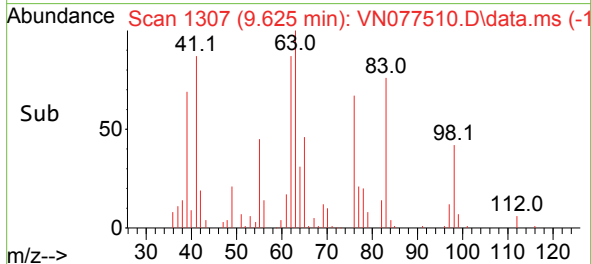
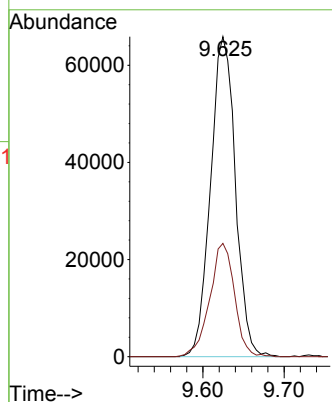
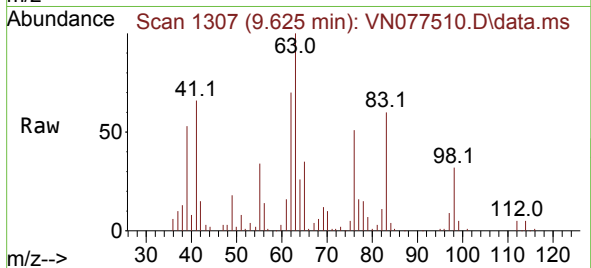
VSTDCCC020EC

Tgt Ion: 63 Resp: 140189

Ion Ratio Lower Upper

63 100

65 35.4 24.1 36.1



#40

Dibromomethane

Concen: 18.897 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

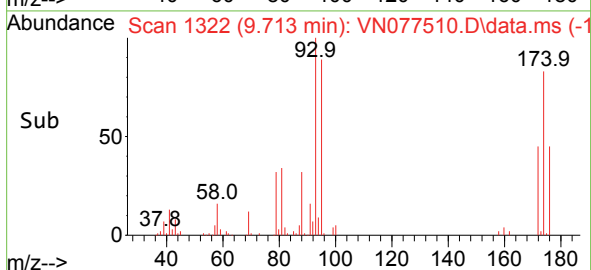
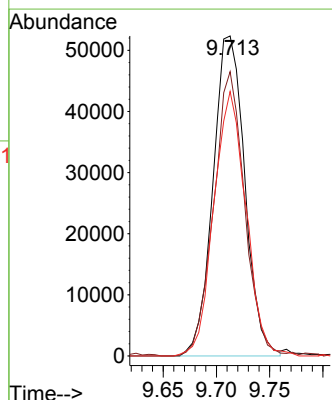
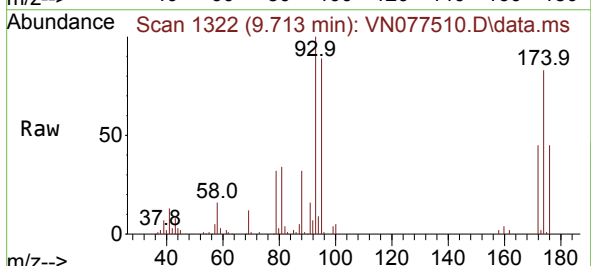
Tgt Ion: 93 Resp: 108514

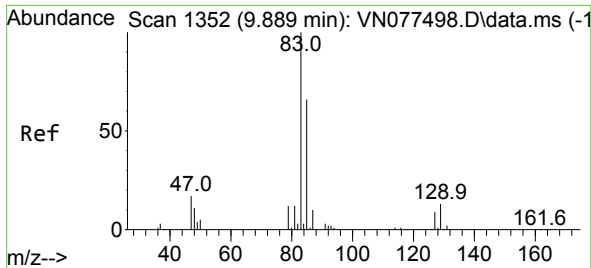
Ion Ratio Lower Upper

93 100

95 86.3 0.0 171.0

174 83.3 0.0 164.2

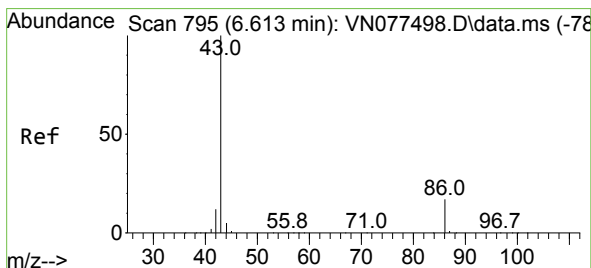
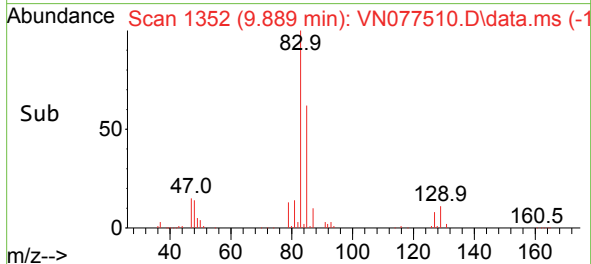
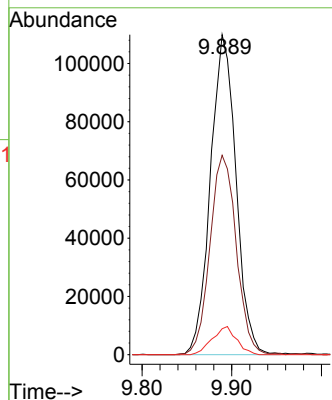
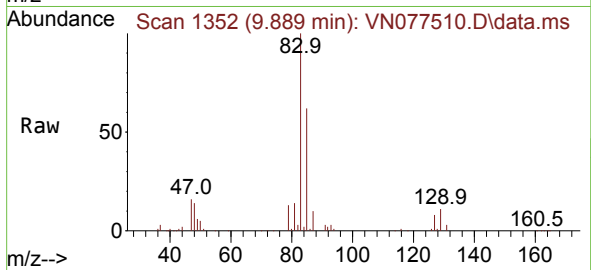




#41
Bromodichloromethane
Concen: 19.153 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

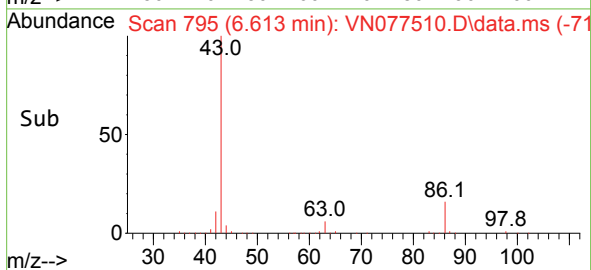
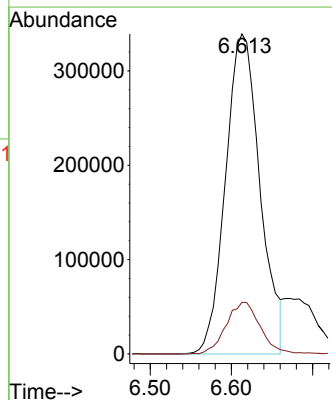
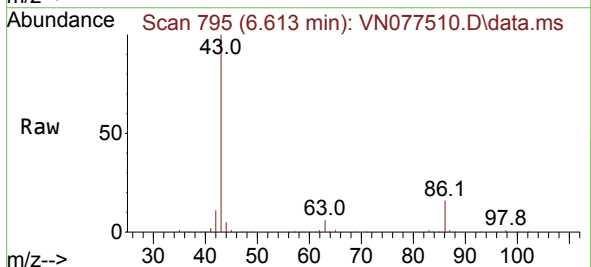
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

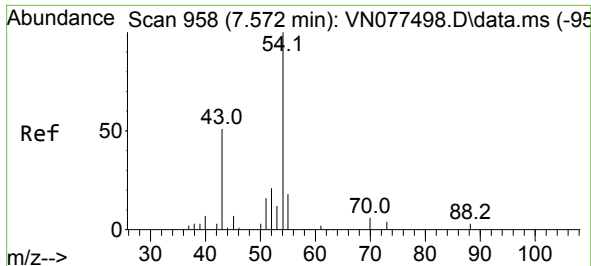
Tgt Ion: 83 Resp: 217223
Ion Ratio Lower Upper
83 100
85 62.0 49.2 73.8
127 8.1 6.1 9.1



#42
Vinyl Acetate
Concen: 84.775 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 43 Resp: 1000673
Ion Ratio Lower Upper
43 100
86 15.7 12.6 18.8

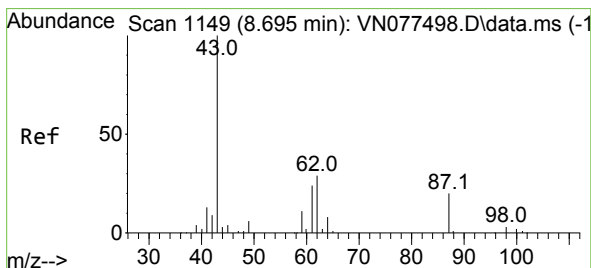
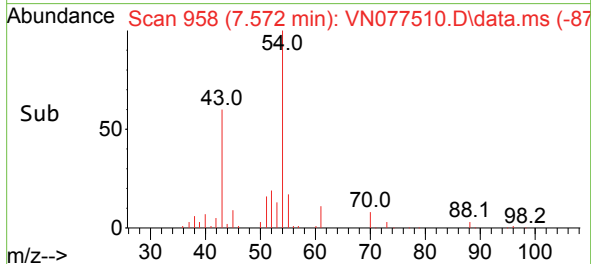
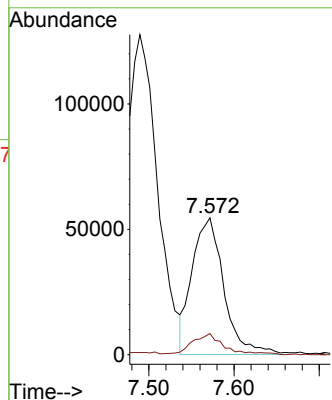
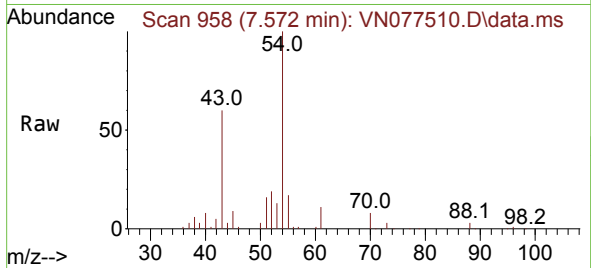




#43
Ethyl Acetate
Concen: 19.384 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

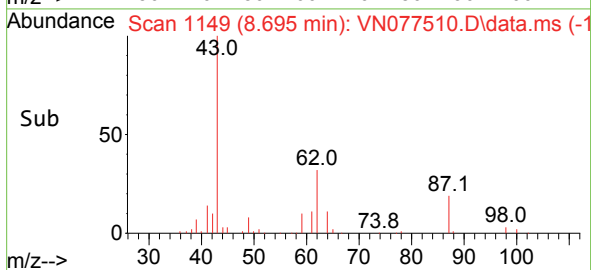
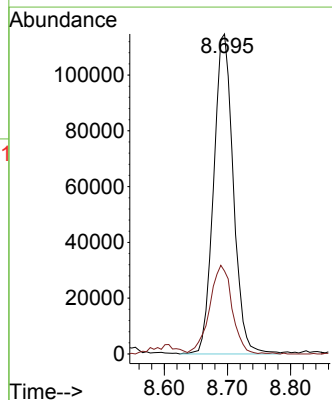
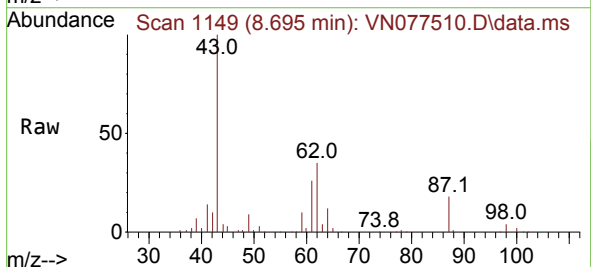
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

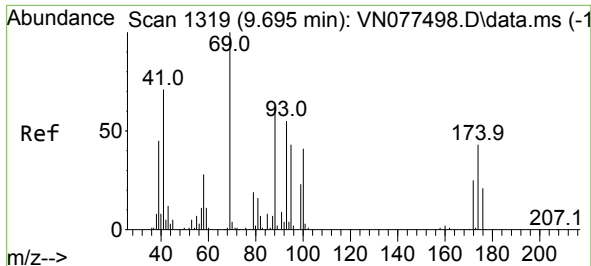
Tgt Ion: 43 Resp: 140623
Ion Ratio Lower Upper
43 100
45 13.3 4.8 7.2#



#44
Isopropyl Acetate
Concen: 19.314 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 43 Resp: 248208
Ion Ratio Lower Upper
43 100
61 31.6 27.2 40.8

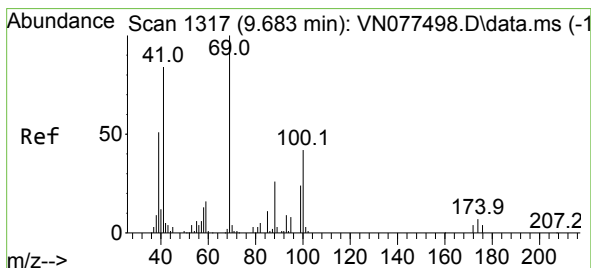
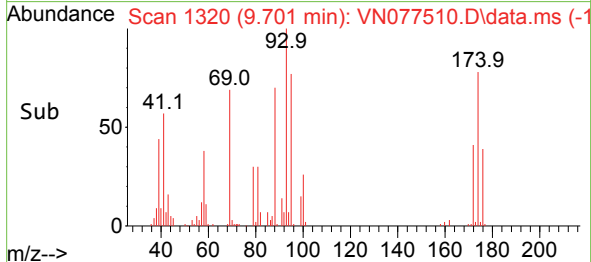
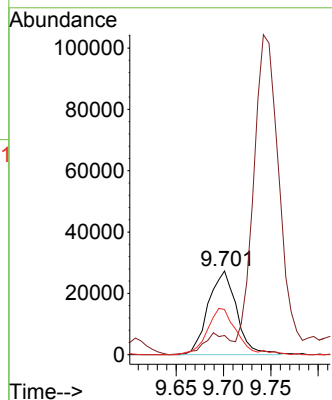
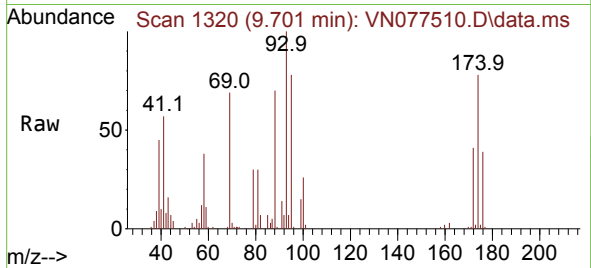




#45
1,4-Dioxane
Concen: 366.076 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

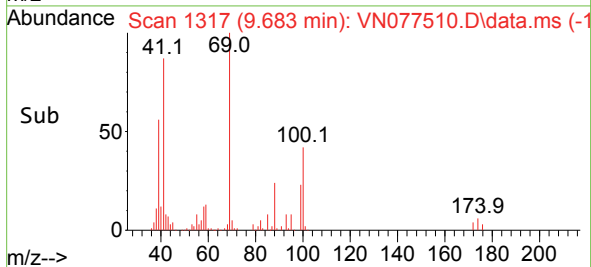
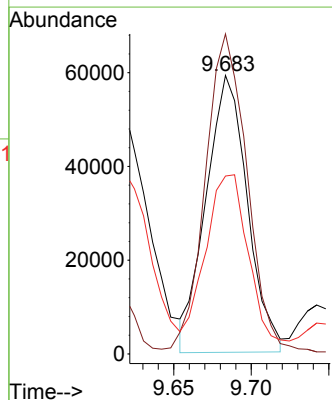
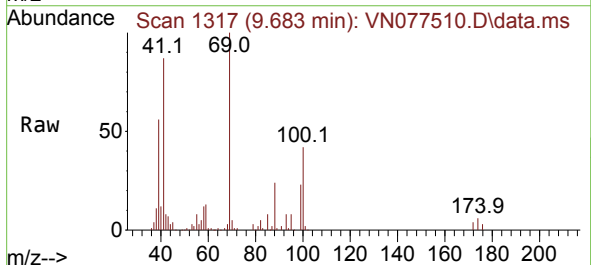
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

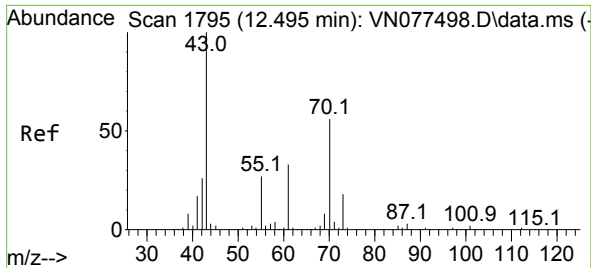
Tgt Ion: 88 Resp: 57052
Ion Ratio Lower Upper
88 100
43 24.6 16.6 24.8
58 54.8 47.3 70.9



#46
Methyl methacrylate
Concen: 18.701 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 41 Resp: 109372
Ion Ratio Lower Upper
41 100
69 117.4 59.2 177.6
39 62.1 33.4 100.1

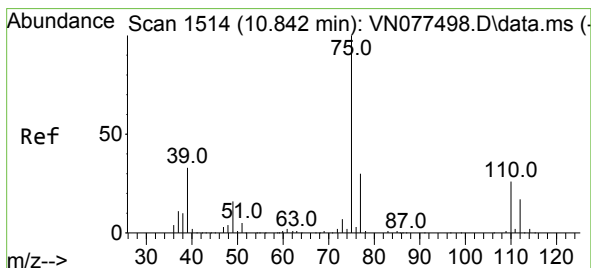
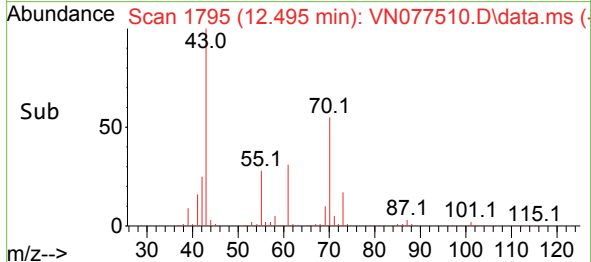
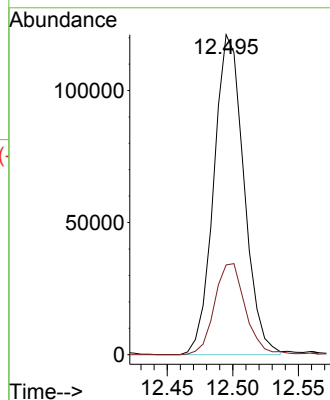
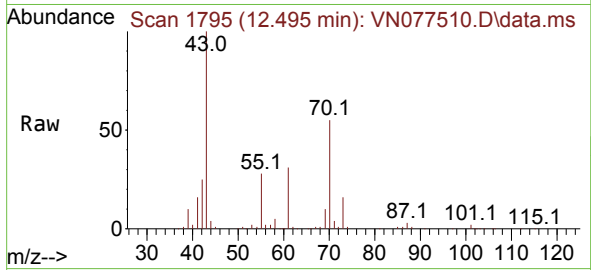




#47
n-amyl acetate
Concen: 18.773 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

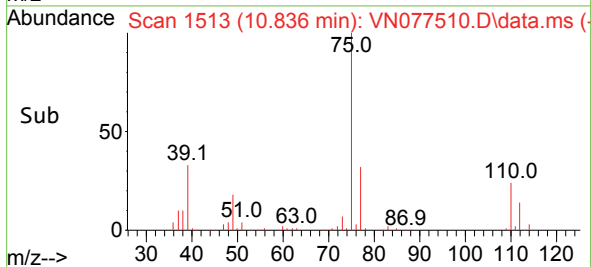
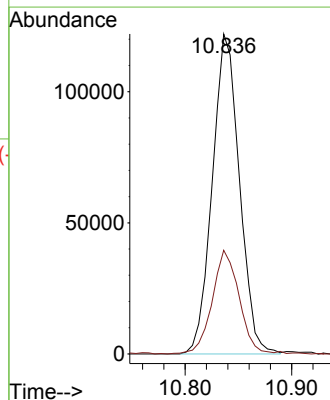
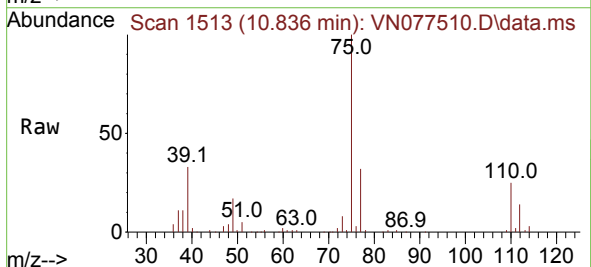
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

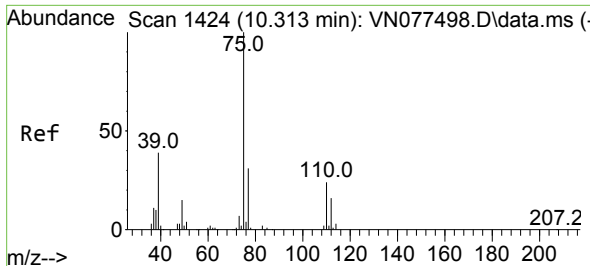
Tgt Ion: 43 Resp: 193393
Ion Ratio Lower Upper
43 100
55 29.2 22.2 33.2



#48
t-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 75 Resp: 215638
Ion Ratio Lower Upper
75 100
77 32.2 23.9 35.9





#49

cis-1,3-Dichloropropene

Concen: 19.062 ug/l

RT: 10.319 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

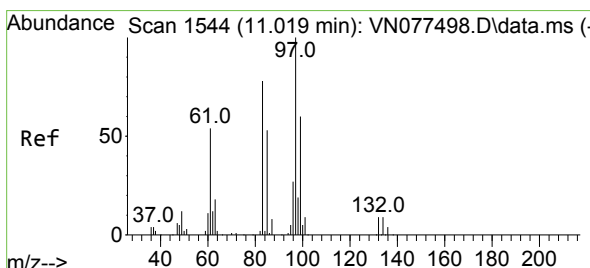
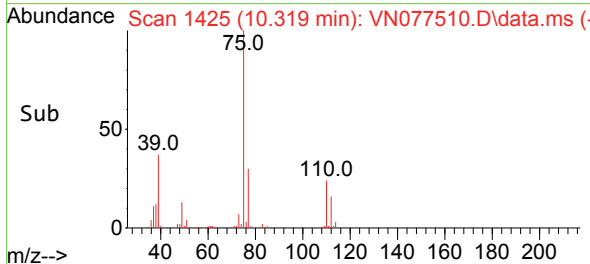
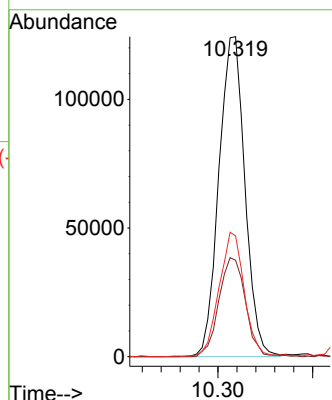
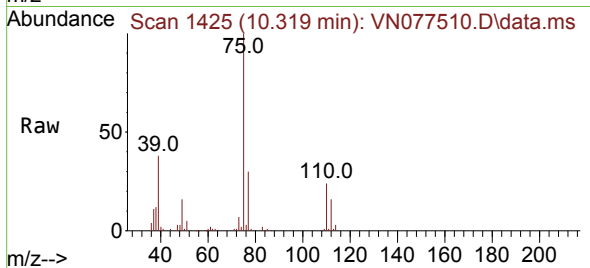
Tgt Ion: 75 Resp: 237598

Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.8

39 37.6 28.5 42.7



#50

1,1,2-Trichloroethane

Concen: 19.079 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Tgt Ion: 97 Resp: 155529

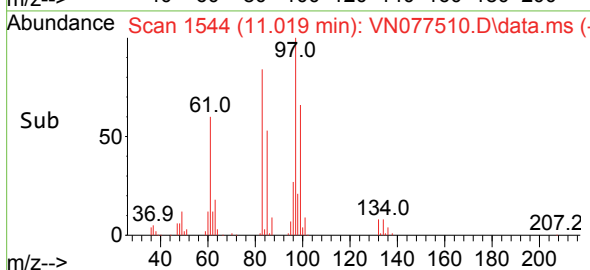
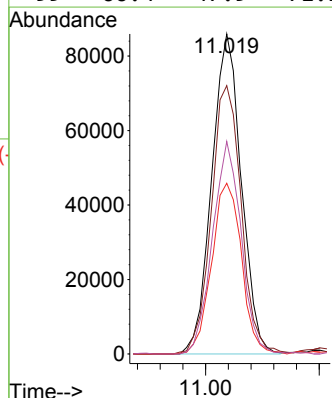
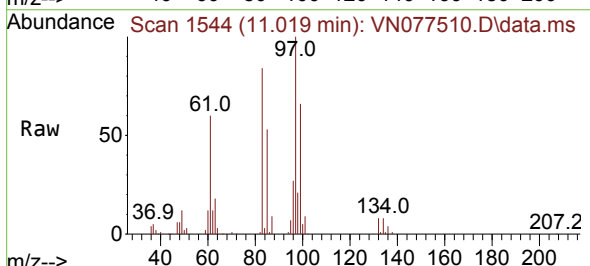
Ion Ratio Lower Upper

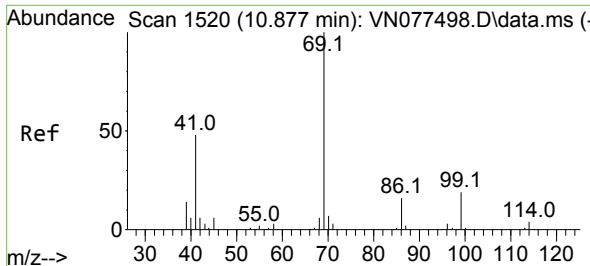
97 100

83 83.3 67.0 100.6

85 53.1 41.6 62.4

99 66.4 47.9 71.9

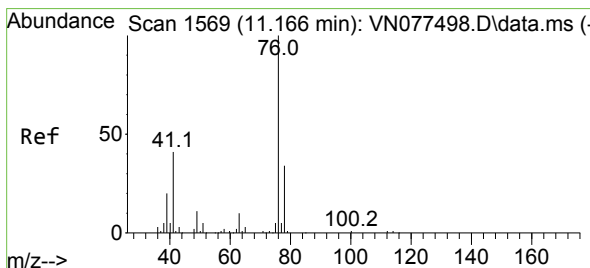
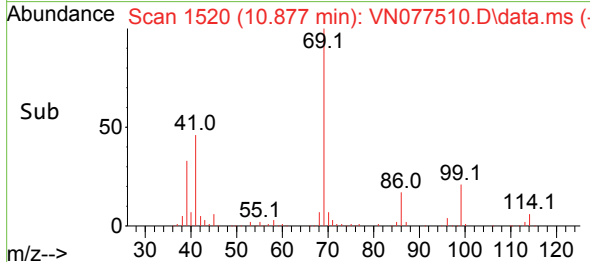
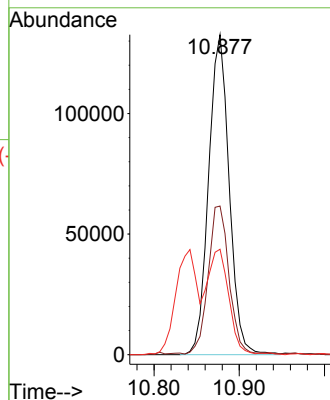
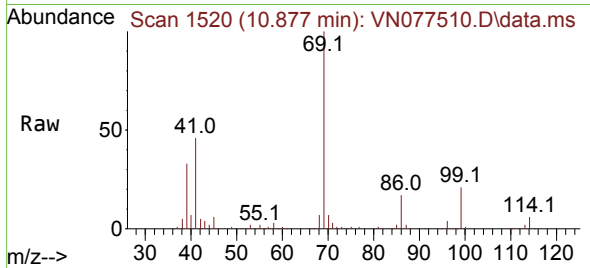




#51
Ethyl methacrylate
Concen: 19.743 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

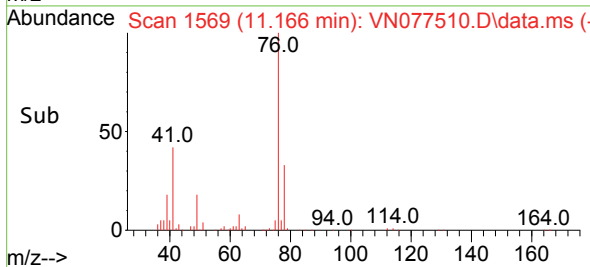
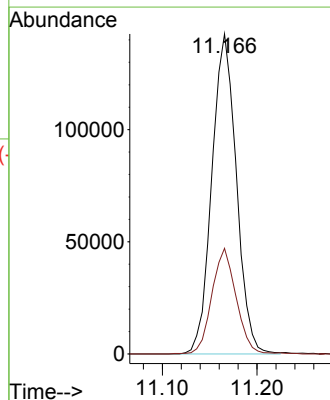
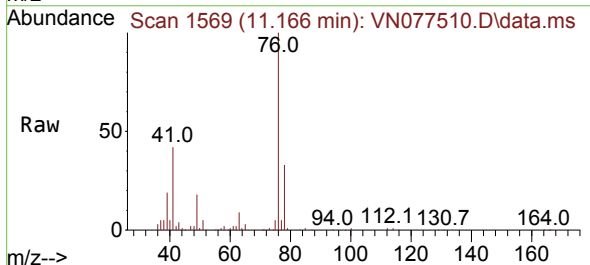
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

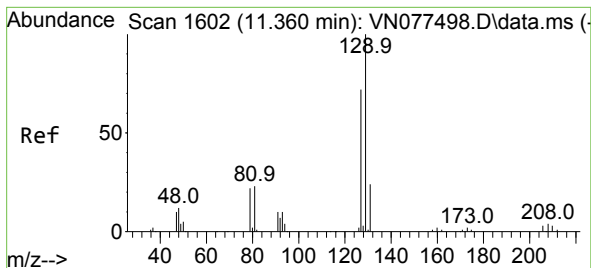
Tgt Ion: 69 Resp: 222811
Ion Ratio Lower Upper
69 100
41 46.2 22.5 67.5
39 32.8 16.2 48.5



#52
1,3-Dichloropropane
Concen: 19.389 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 76 Resp: 256486
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.4





#53

Dibromochloromethane

Concen: 19.472 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

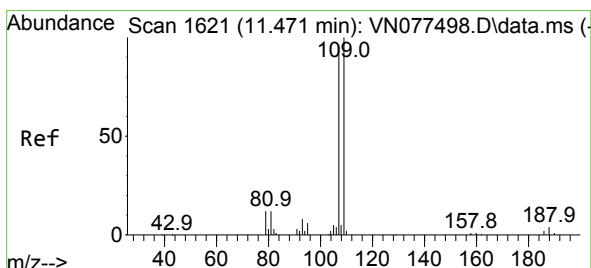
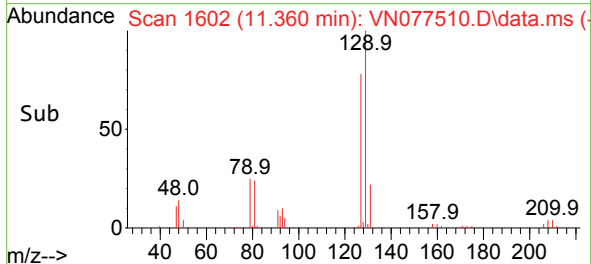
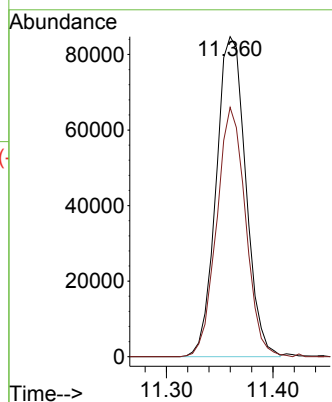
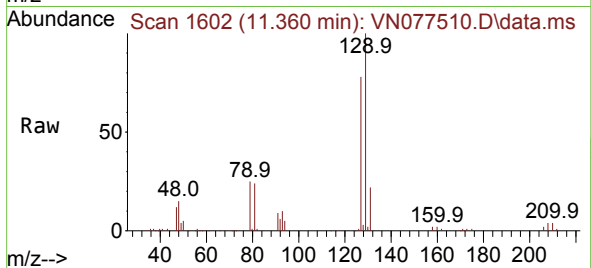
VSTDCCC020EC

Tgt Ion:129 Resp: 163419

Ion Ratio Lower Upper

129 100

127 76.0 38.2 114.6



#54

1,2-Dibromoethane

Concen: 19.416 ug/l

RT: 11.471 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VN077510.D

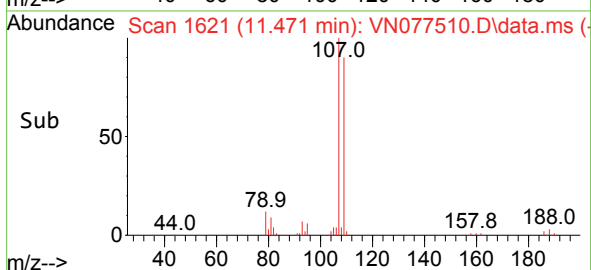
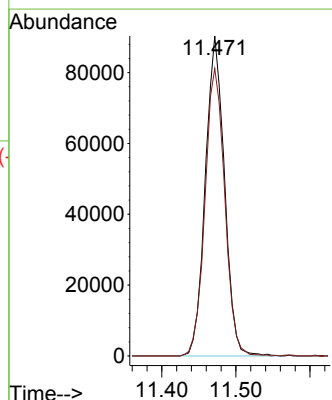
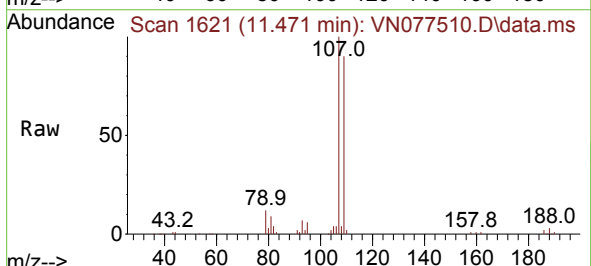
Acq: 28 Apr 2023 19:30

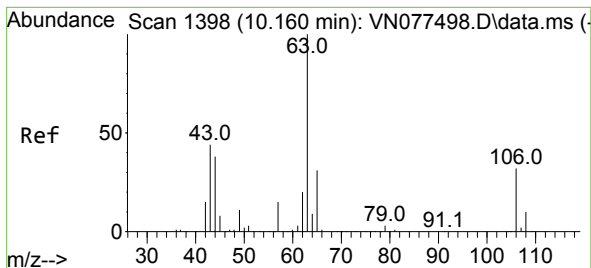
Tgt Ion:107 Resp: 161967

Ion Ratio Lower Upper

107 100

109 92.7 73.8 110.6

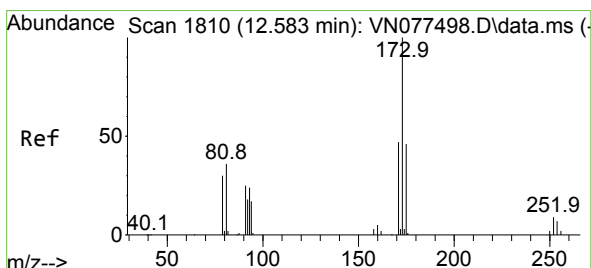
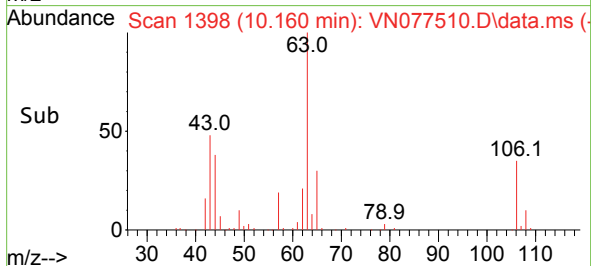
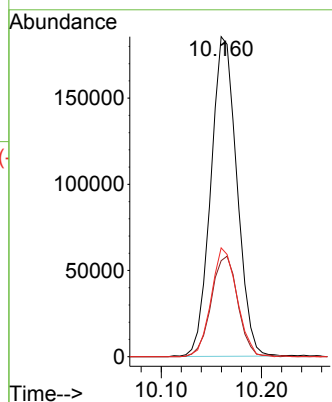
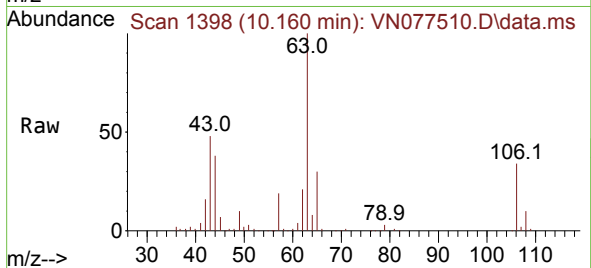




#55
2-Chloroethyl vinyl ether
Concen: 90.463 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

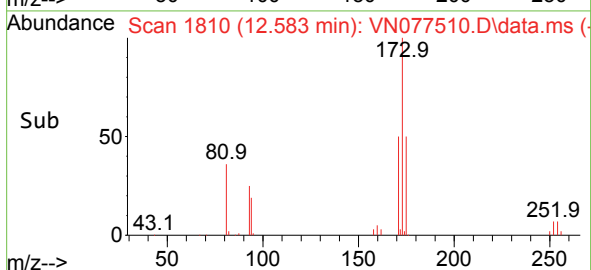
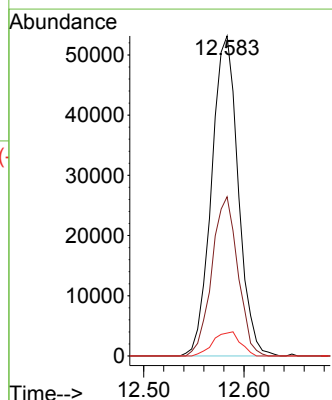
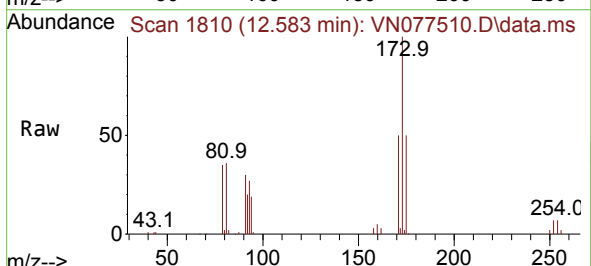
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

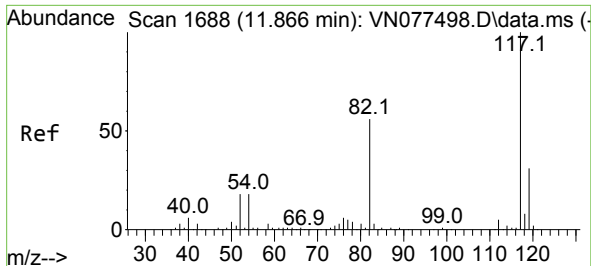
Tgt Ion: 63 Resp: 335016
Ion Ratio Lower Upper
63 100
65 31.9 25.8 38.6
106 33.6 26.2 39.2



#56
Bromoform
Concen: 18.753 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion:173 Resp: 98166
Ion Ratio Lower Upper
173 100
175 48.4 40.3 60.5
254 7.7 5.0 7.6#

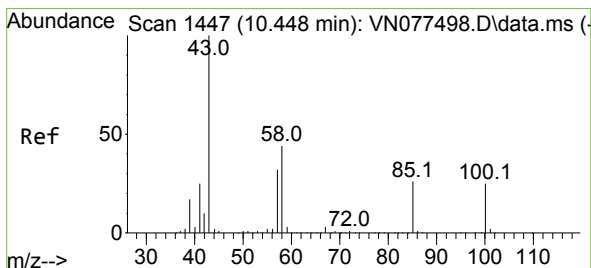
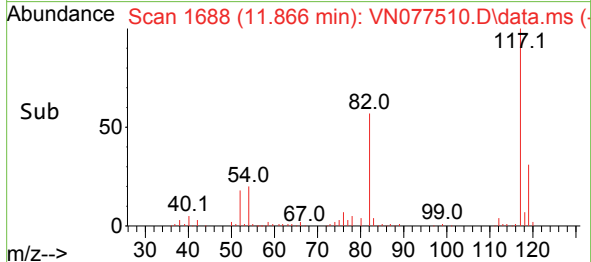
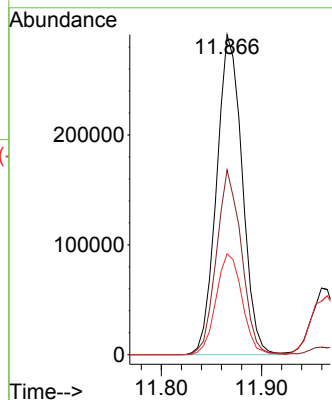
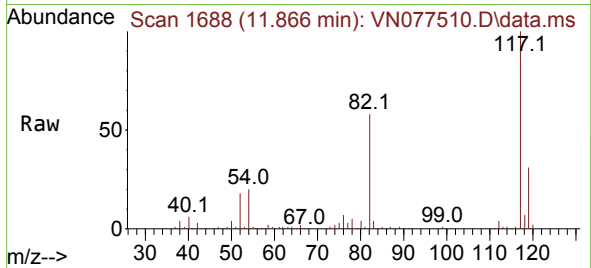




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

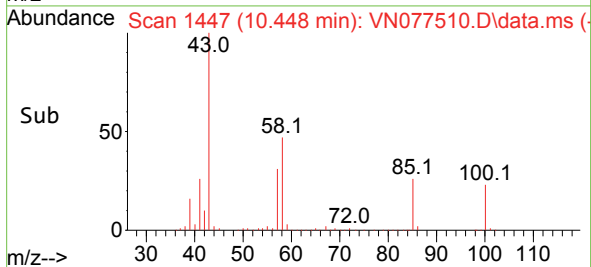
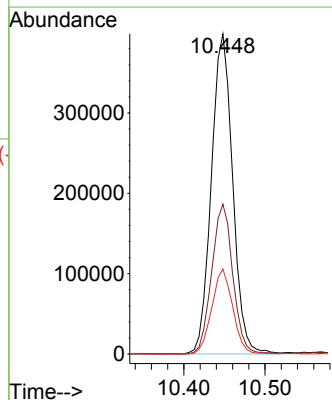
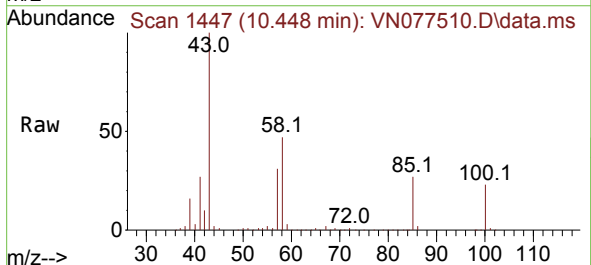
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

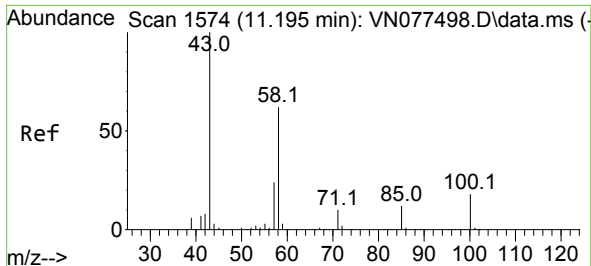
Tgt Ion:117 Resp: 516728
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 97.747 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 43 Resp: 727397
Ion Ratio Lower Upper
43 100
58 46.1 37.2 55.8
85 26.1 21.1 31.7

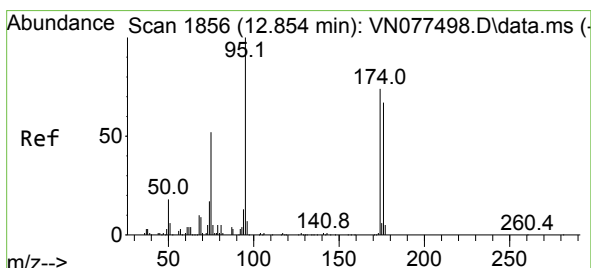
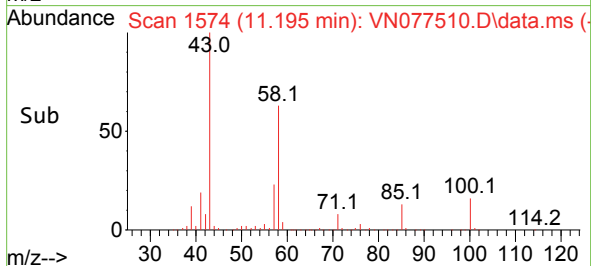
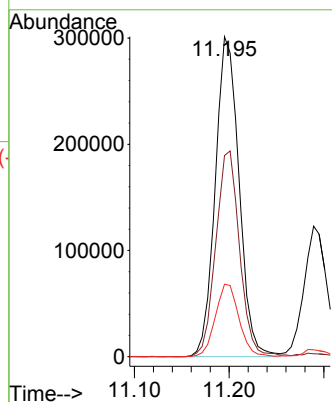
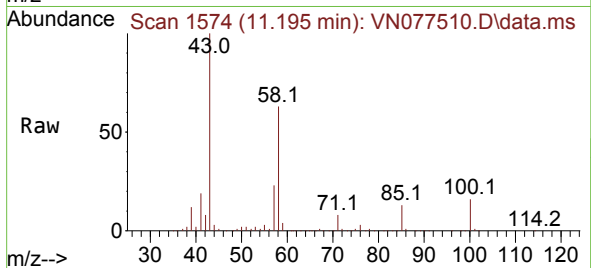




#59
2-Hexanone
Concen: 96.007 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

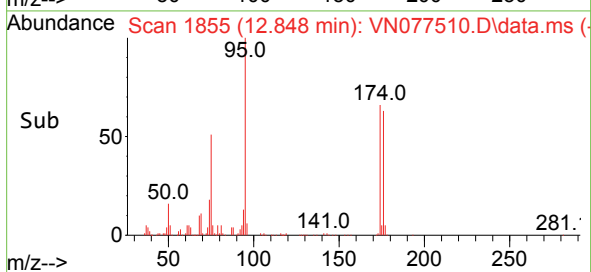
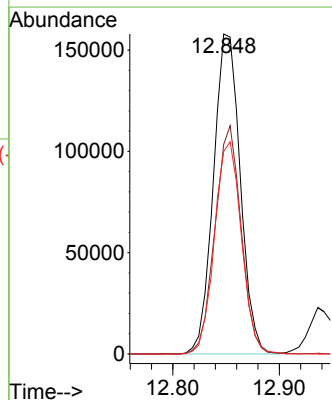
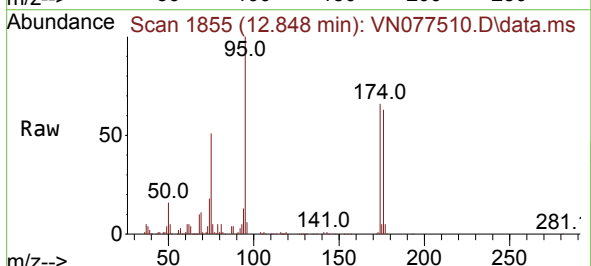
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

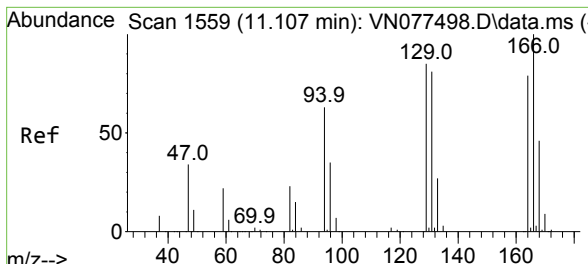
Tgt Ion: 43 Resp: 526371
Ion Ratio Lower Upper
43 100
58 64.3 51.8 77.8
57 22.5 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 30.517 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 95 Resp: 276268
Ion Ratio Lower Upper
95 100
174 69.2 55.9 83.9
176 66.6 53.9 80.9

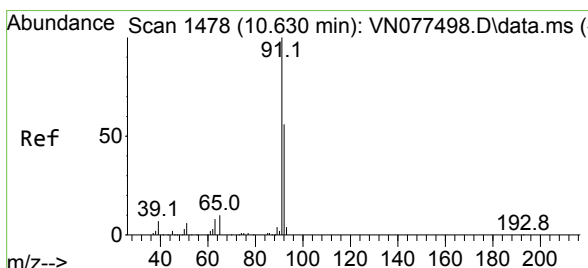
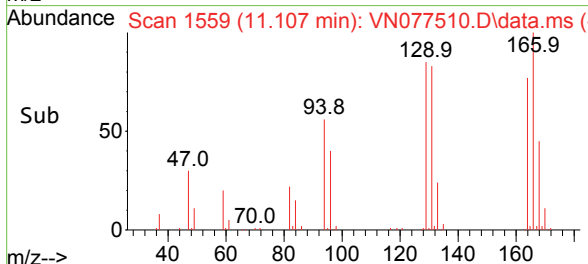
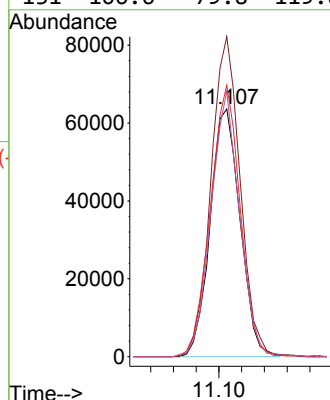
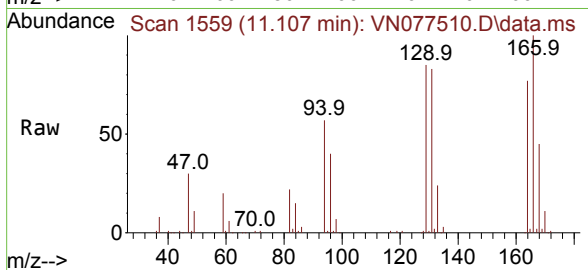




#61
Tetrachloroethene
Concen: 19.227 ug/l
RT: 11.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

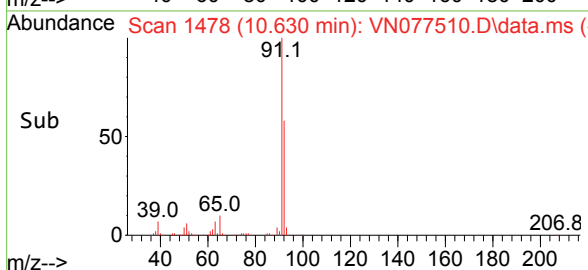
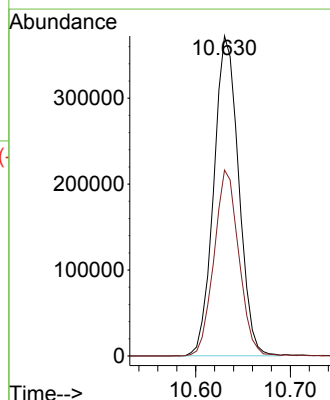
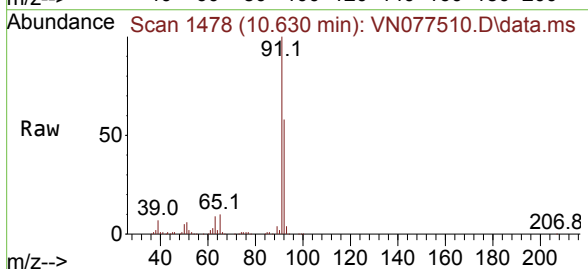
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

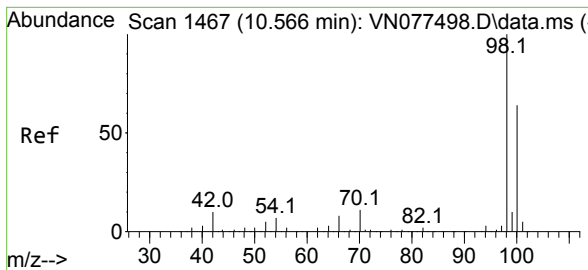
Tgt Ion:164 Resp: 116044
Ion Ratio Lower Upper
164 100
166 128.7 94.5 141.7
129 109.1 80.2 120.2
131 106.6 79.8 119.8



#62
Toluene
Concen: 19.531 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 91 Resp: 678742
Ion Ratio Lower Upper
91 100
92 58.0 46.1 69.1

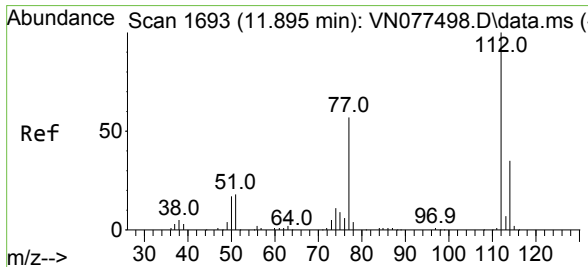
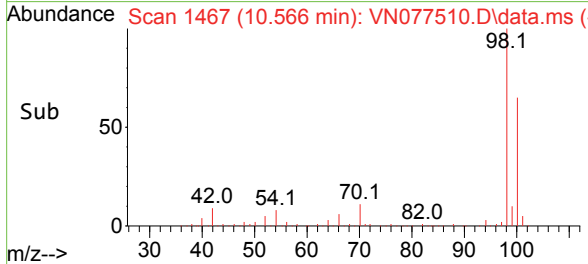
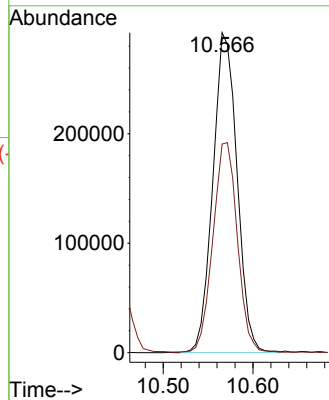
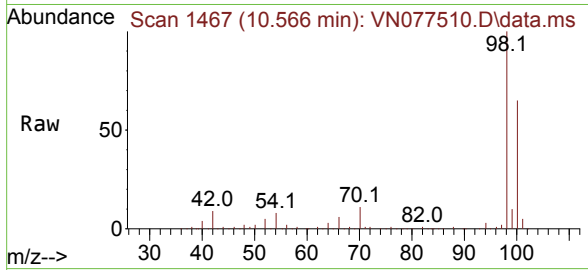




#63
Toluene-d8
Concen: 30.076 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

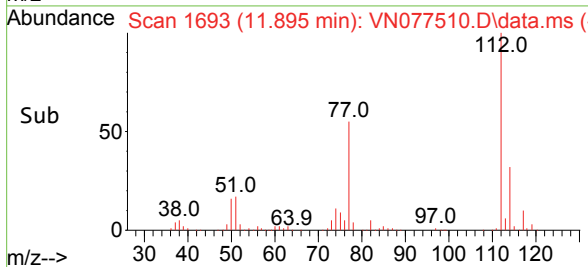
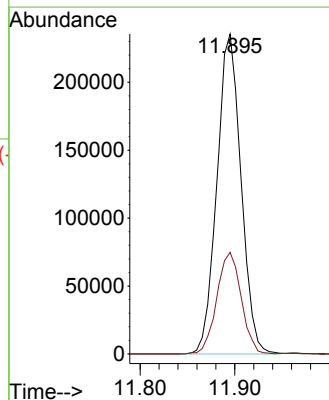
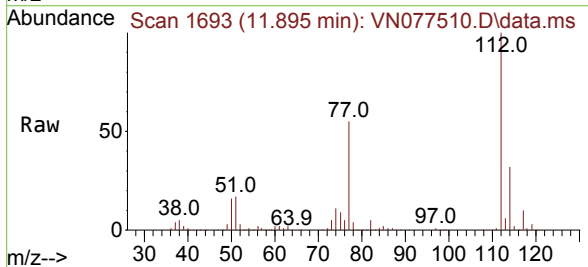
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

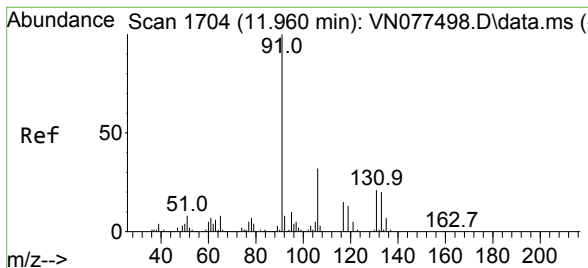
Tgt Ion: 98 Resp: 547637
Ion Ratio Lower Upper
98 100
100 66.3 51.0 76.4



#64
Chlorobenzene
Concen: 19.603 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 112 Resp: 416175
Ion Ratio Lower Upper
112 100
114 31.8 23.9 35.9

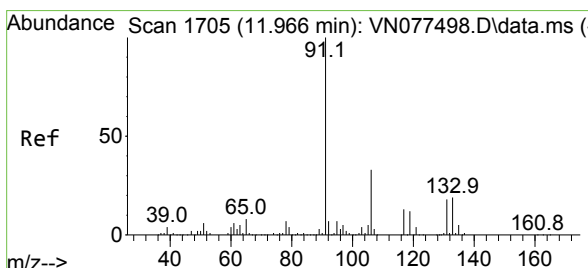
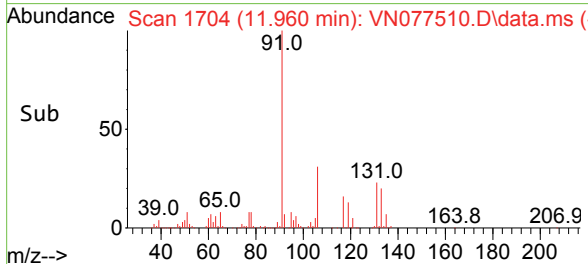
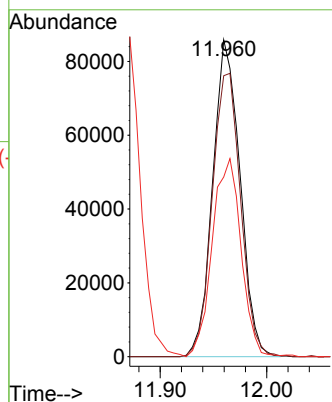
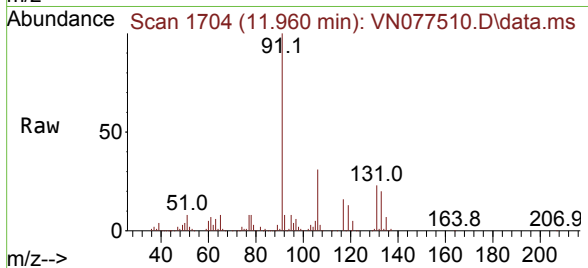




#65
1,1,1,2-Tetrachloroethane
Concen: 20.154 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

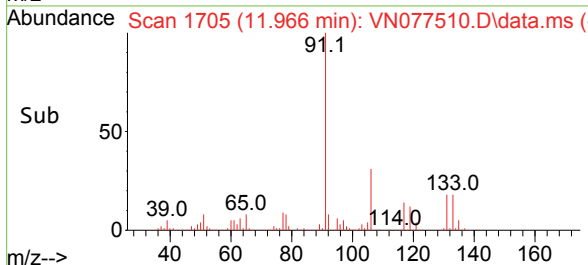
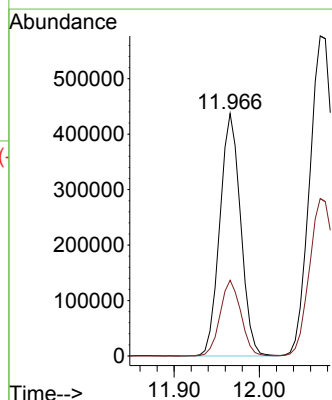
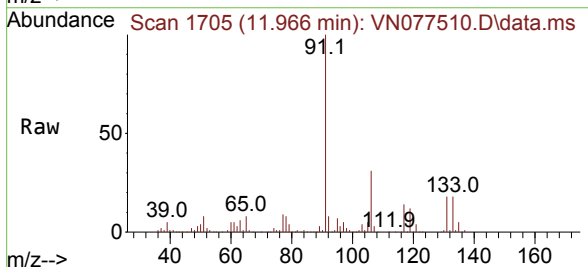
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

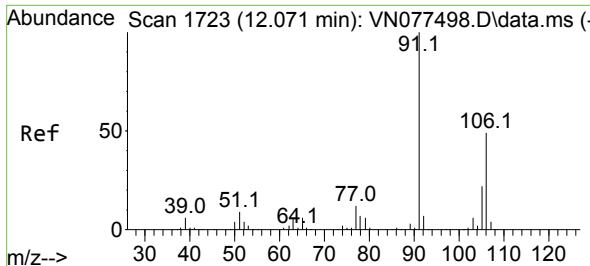
Tgt Ion:131 Resp: 152909
Ion Ratio Lower Upper
131 100
133 92.9 0.0 191.4
119 65.8 0.0 137.2



#66
Ethyl Benzene
Concen: 19.525 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 91 Resp: 740914
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

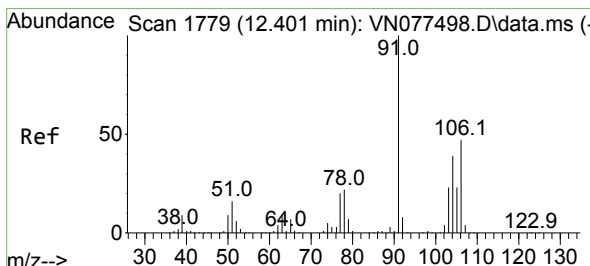
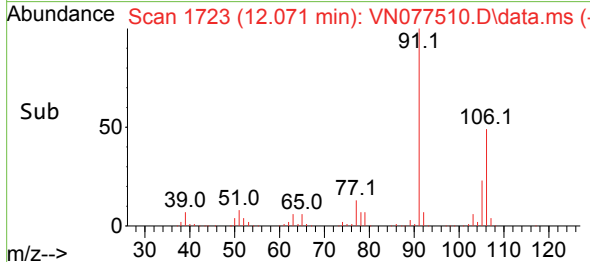
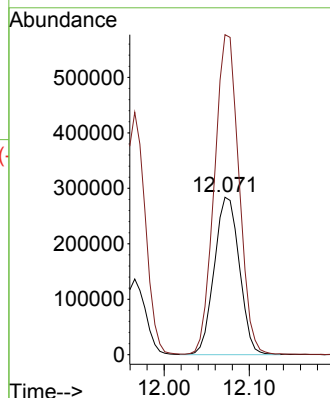
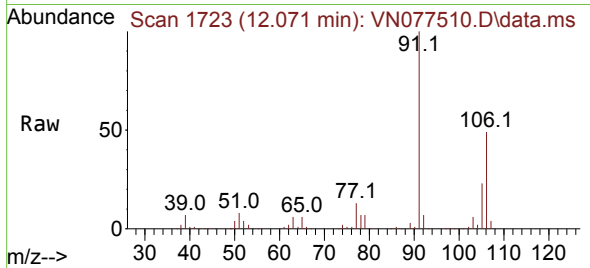




#67
m/p-Xylenes
Concen: 39.397 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

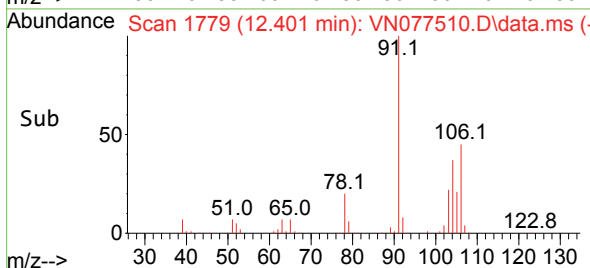
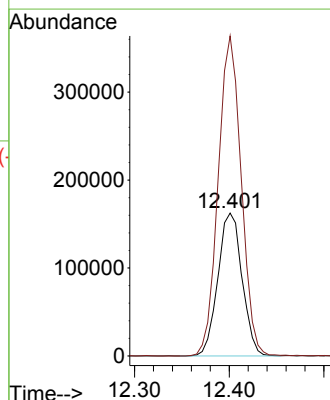
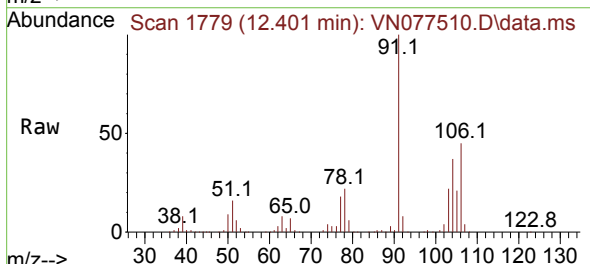
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

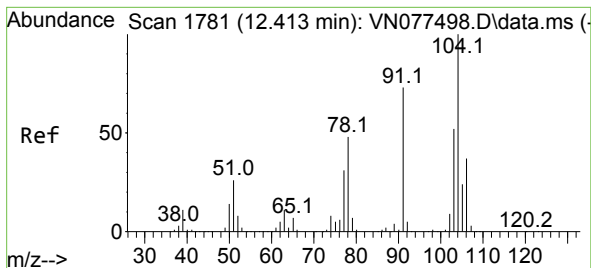
Tgt Ion:106 Resp: 582144
Ion Ratio Lower Upper
106 100
91 199.3 157.9 236.9



#68
o-Xylene
Concen: 19.668 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion:106 Resp: 288685
Ion Ratio Lower Upper
106 100
91 213.1 104.6 313.8





#69

Styrene

Concen: 19.461 ug/l

RT: 12.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

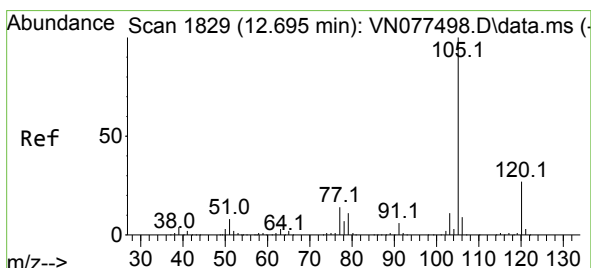
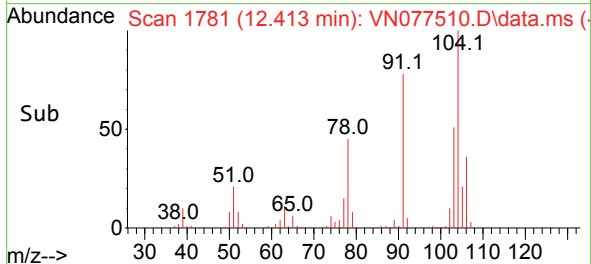
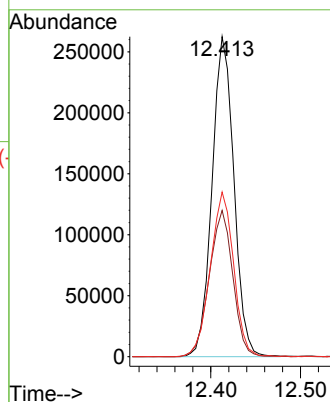
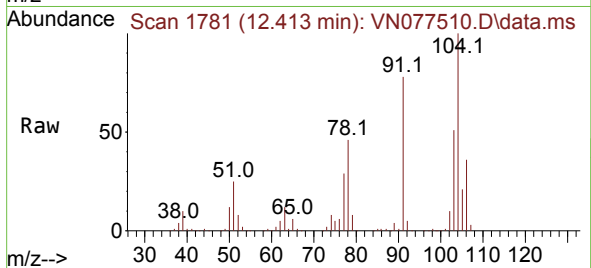
Tgt Ion:104 Resp: 444159

Ion Ratio Lower Upper

104 100

78 49.1 39.3 58.9

103 55.0 44.6 66.8



#70

Isopropylbenzene

Concen: 20.044 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077510.D

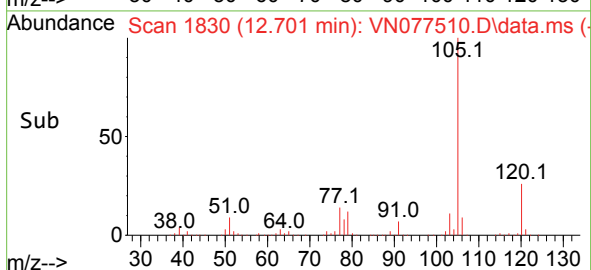
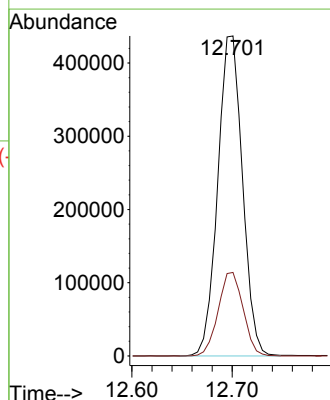
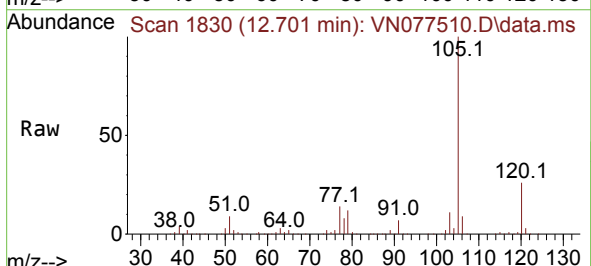
Acq: 28 Apr 2023 19:30

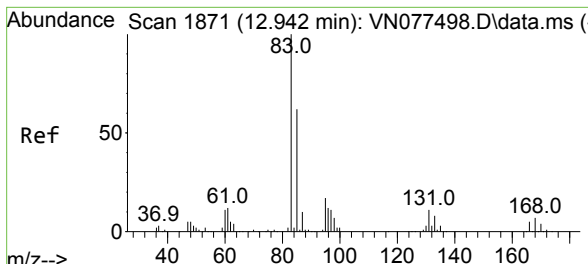
Tgt Ion:105 Resp: 746769

Ion Ratio Lower Upper

105 100

120 26.3 18.7 34.7

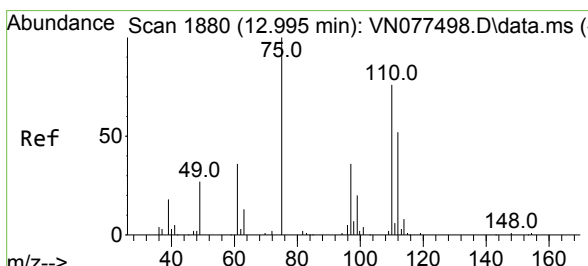
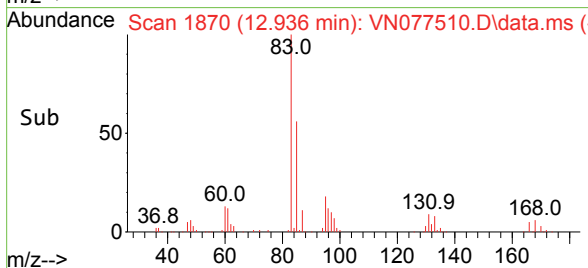
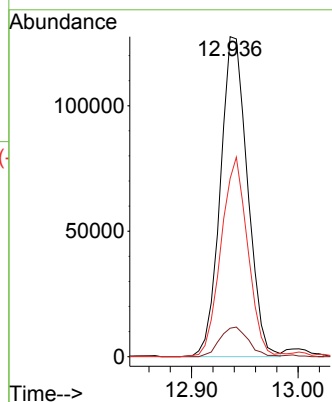
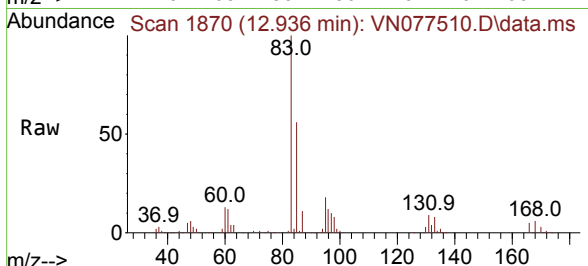




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.902 ug/l
 RT: 12.936 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

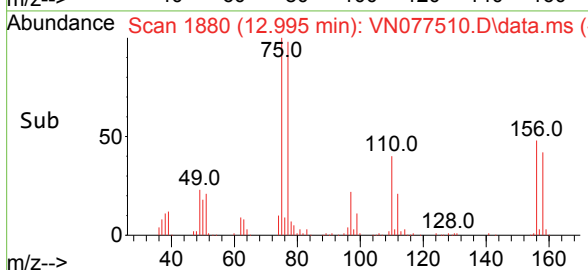
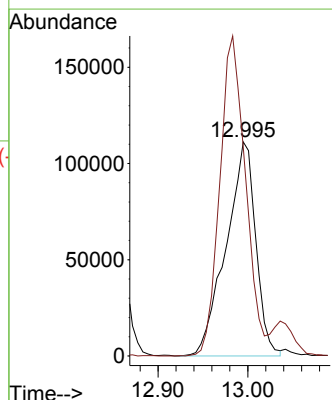
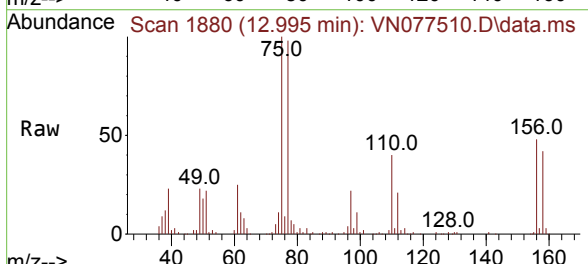
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

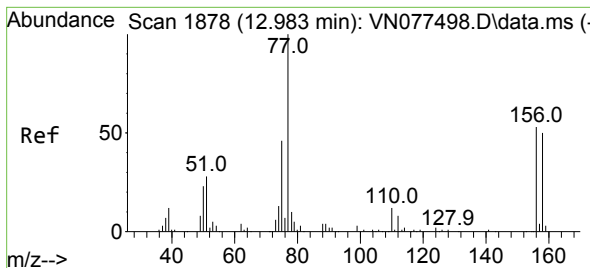
Tgt Ion:	83	Resp:	225857
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.8	14.3
85	61.1	31.6	94.8



#72
 1,2,3-Trichloropropane
 Concen: 26.464 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

Tgt Ion:	75	Resp:	255476
Ion Ratio	Lower	Upper	
75	100		
77	129.3	0.0	367.2





#73

Bromobenzene

Concen: 19.203 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

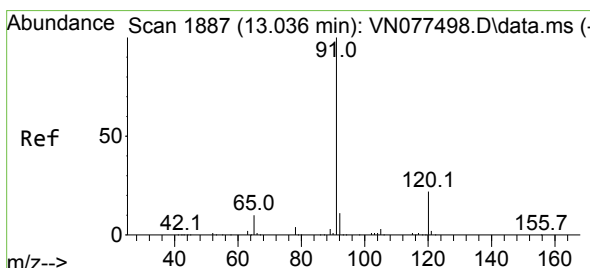
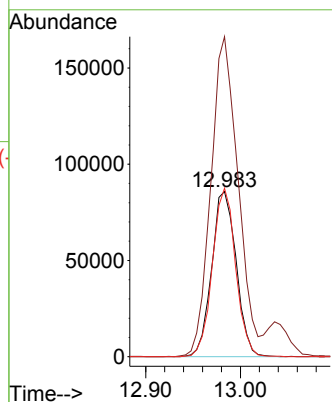
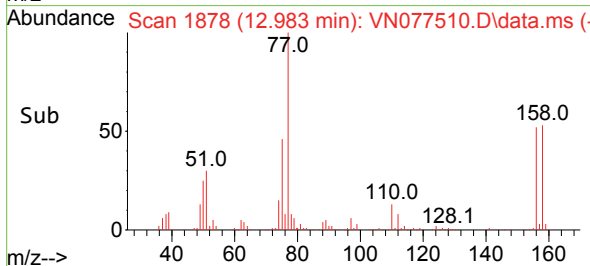
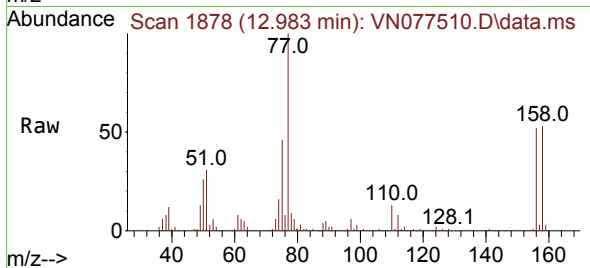
Tgt Ion:156 Resp: 153849

Ion Ratio Lower Upper

156 100

77 214.7 0.0 431.6

158 96.6 0.0 192.4



#74

n-propylbenzene

Concen: 19.415 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077510.D

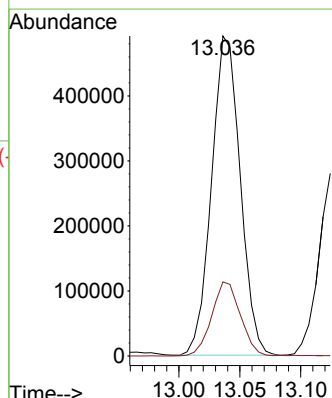
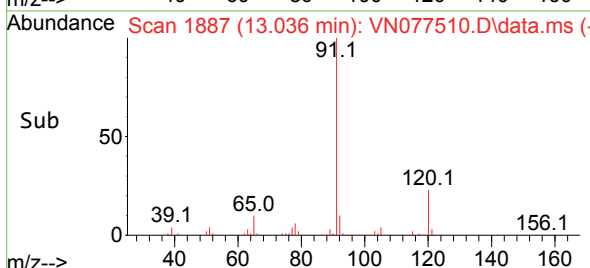
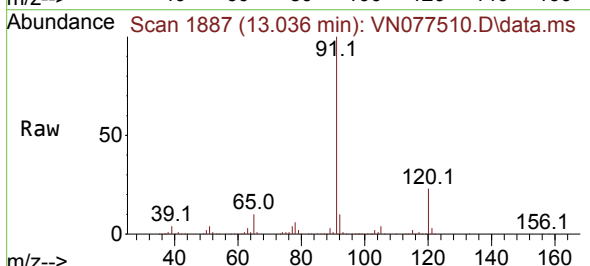
Acq: 28 Apr 2023 19:30

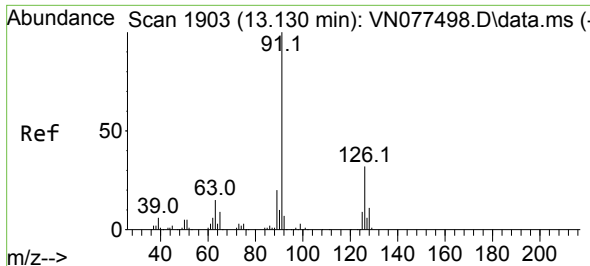
Tgt Ion: 91 Resp: 804925

Ion Ratio Lower Upper

91 100

120 23.2 0.0 46.4

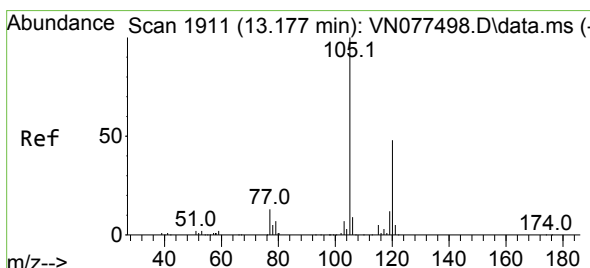
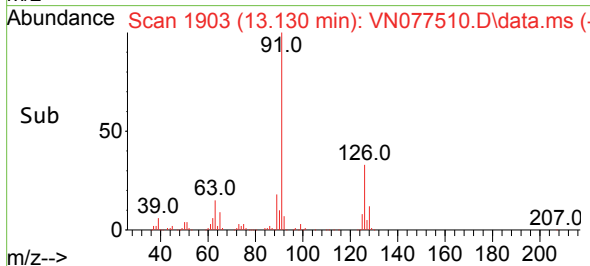
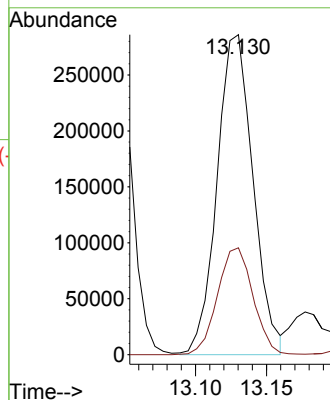
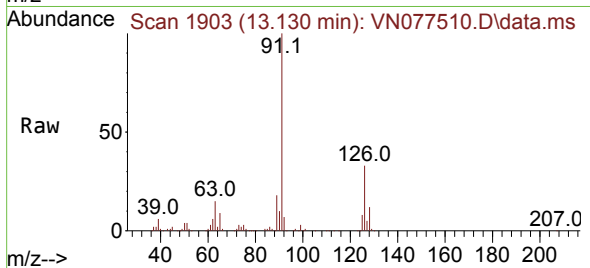




#75
2-Chlorotoluene
Concen: 19.700 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

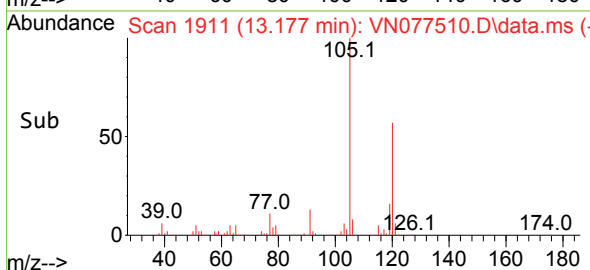
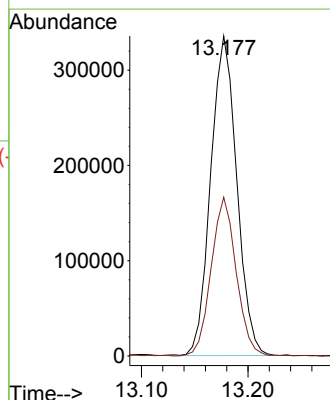
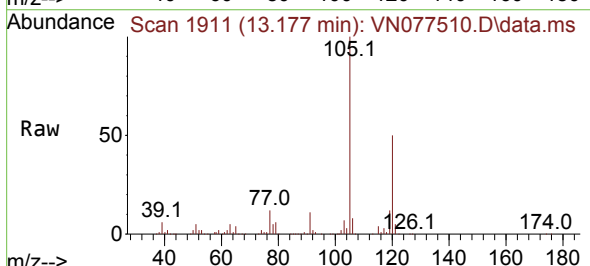
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

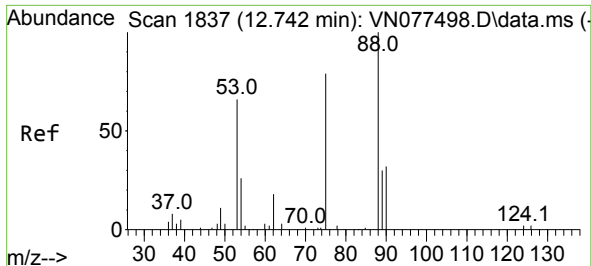
Tgt Ion: 91 Resp: 503762
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.2



#76
1,3,5-Trimethylbenzene
Concen: 19.858 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion:105 Resp: 570276
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.8

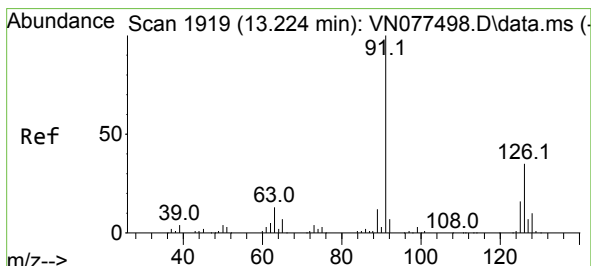
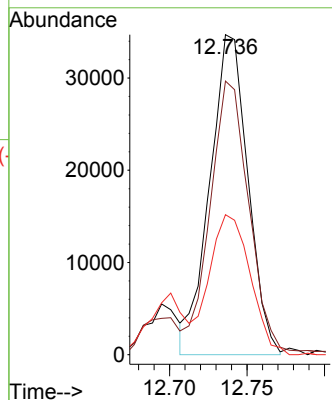
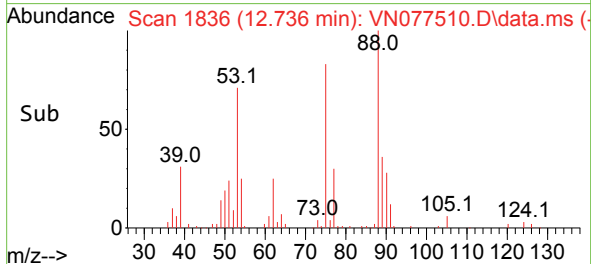
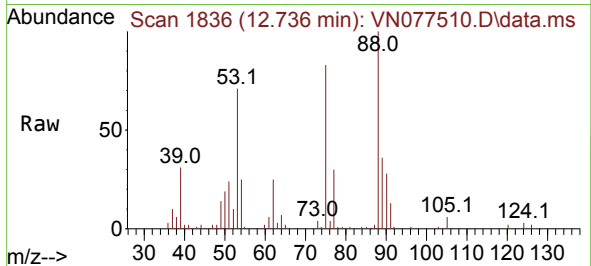




#77
t-1,4-Dichloro-2-butene
Concen: 18.592 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

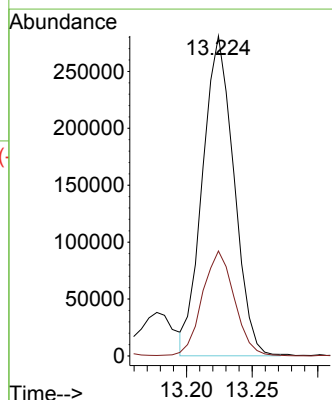
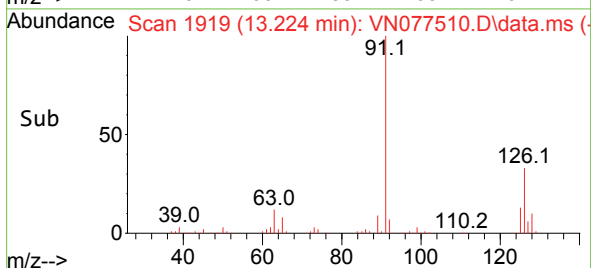
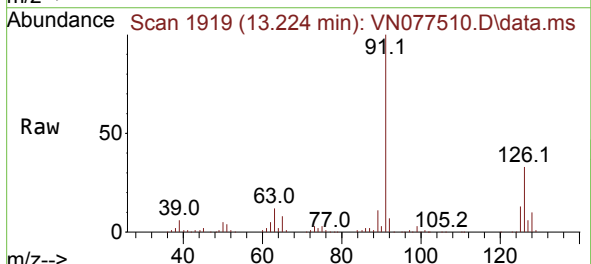
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

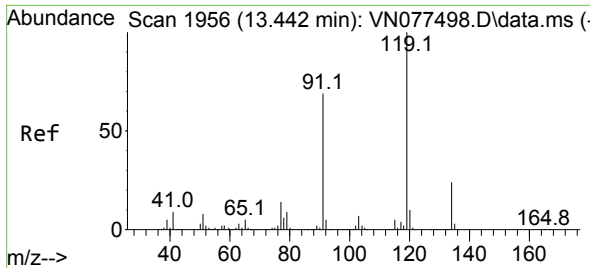
Tgt Ion: 75 Resp: 59282
Ion Ratio Lower Upper
75 100
53 83.8 38.2 114.6
89 41.9 22.1 66.1



#78
4-Chlorotoluene
Concen: 19.334 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 91 Resp: 468059
Ion Ratio Lower Upper
91 100
126 33.6 0.0 65.6

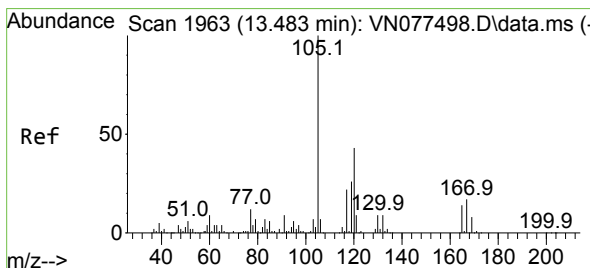
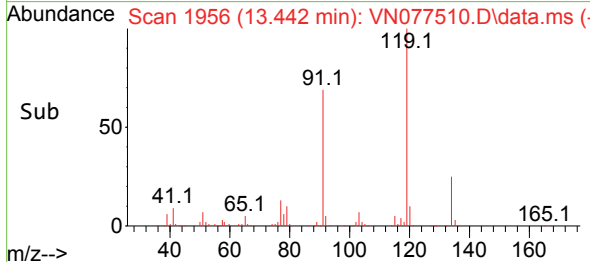
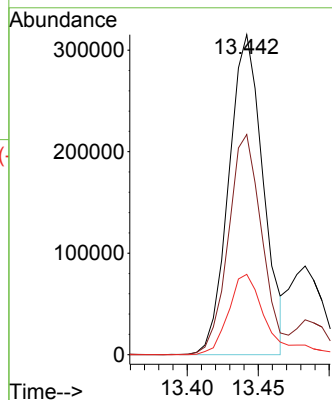
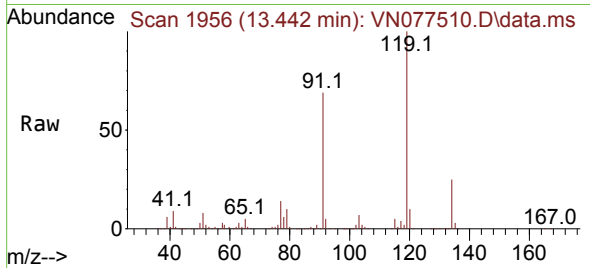




#79
tert-butylbenzene
Concen: 20.012 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

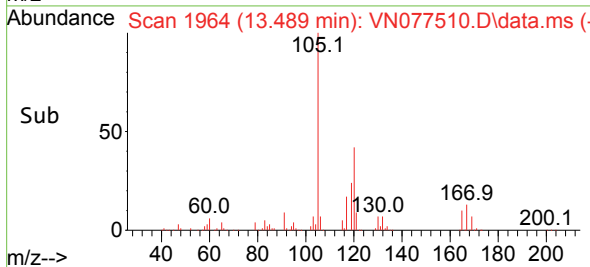
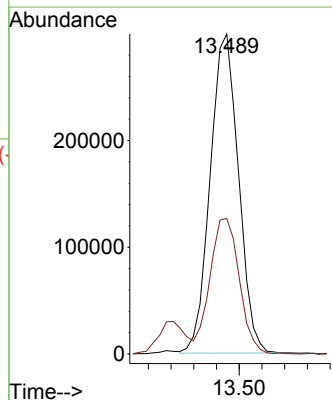
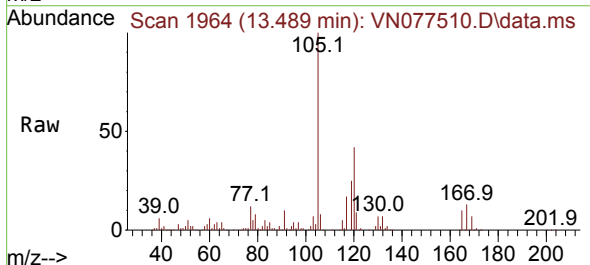
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

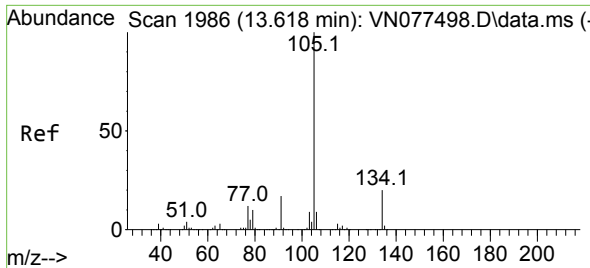
Tgt Ion:119 Resp: 531656
Ion Ratio Lower Upper
119 100
91 67.9 0.0 139.4
134 25.3 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 19.590 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion:105 Resp: 517426
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.8

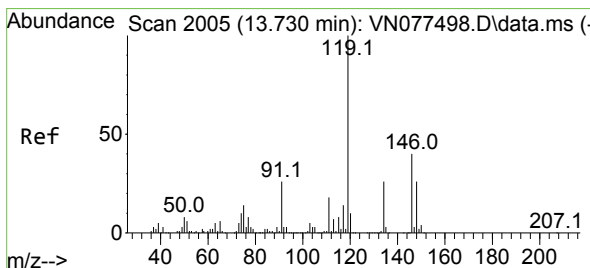
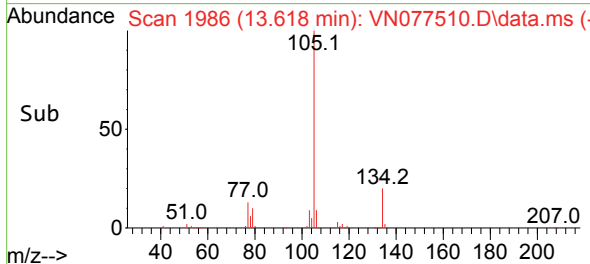
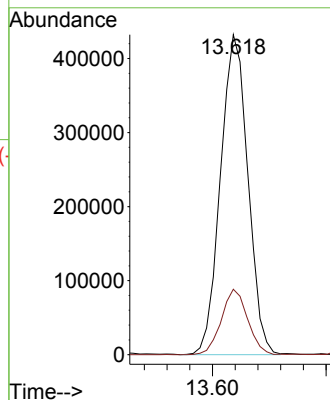
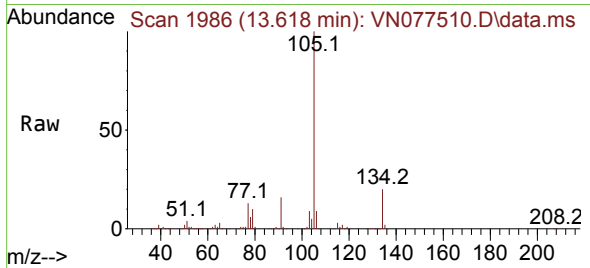




#81
 sec-Butylbenzene
 Concen: 19.567 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

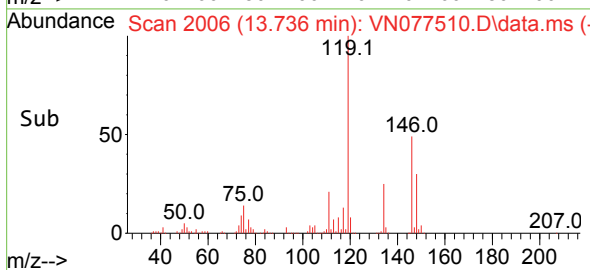
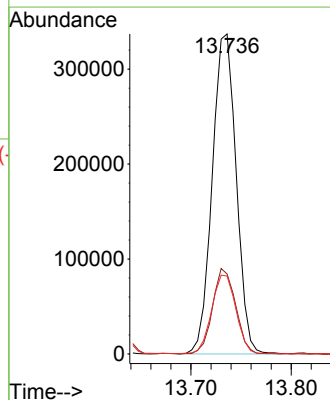
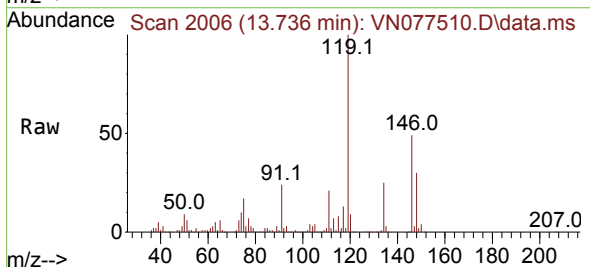
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

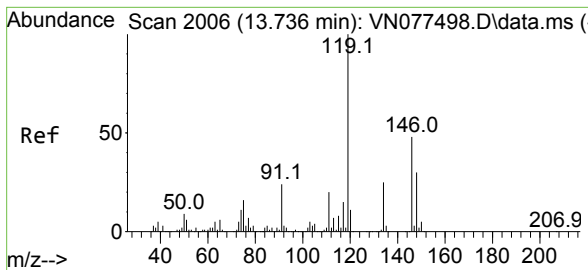
Tgt Ion:105 Resp: 724673
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 19.300 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077510.D
 Acq: 28 Apr 2023 19:30

Tgt Ion:119 Resp: 560137
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 24.9 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 19.367 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

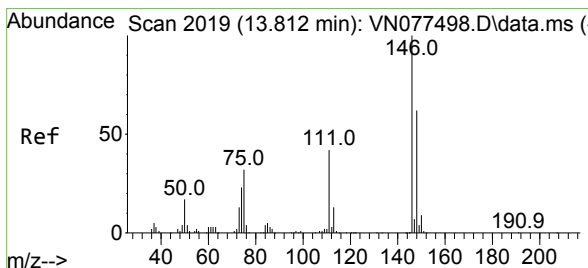
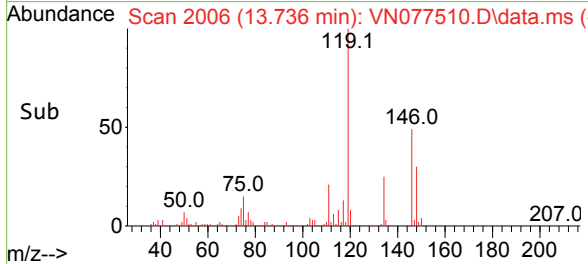
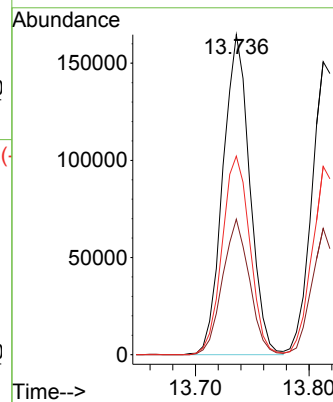
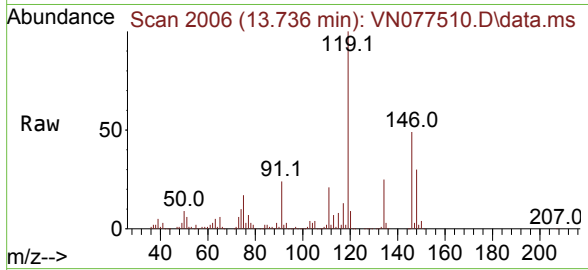
Tgt Ion:146 Resp: 271449

Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.5

148 63.7 31.8 95.4



#84

1,4-Dichlorobenzene

Concen: 18.860 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

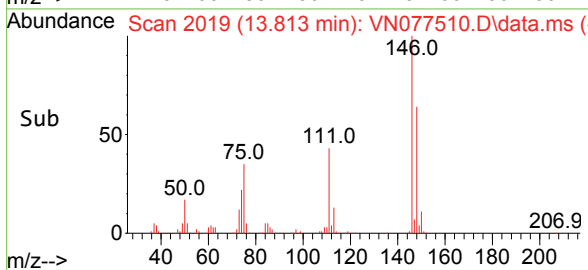
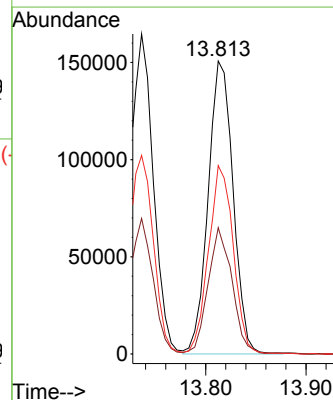
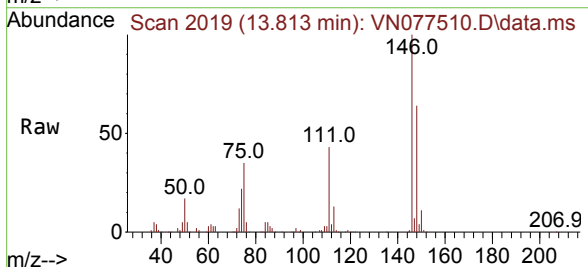
Tgt Ion:146 Resp: 261194

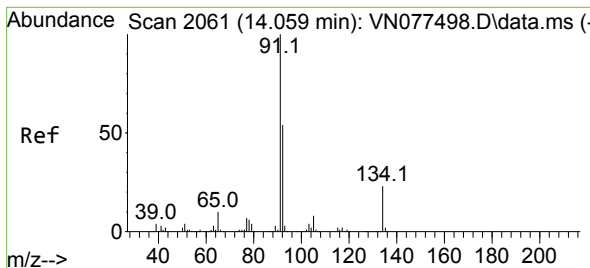
Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.7

148 63.9 31.6 94.7





#85

n-Butylbenzene

Concen: 18.266 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

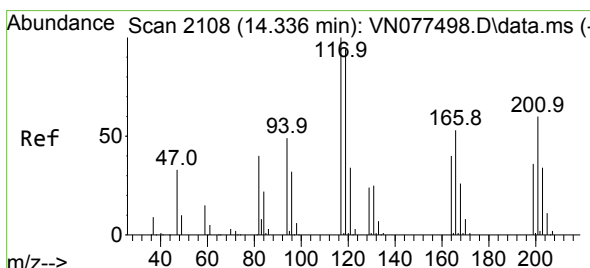
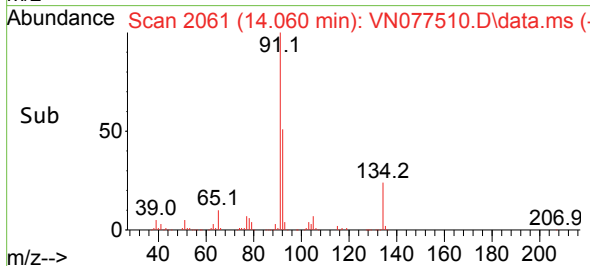
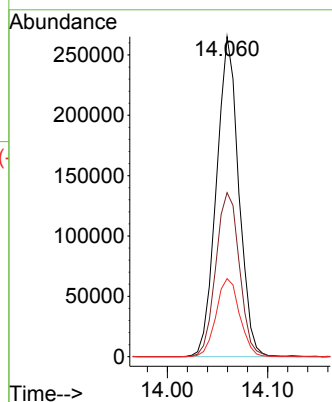
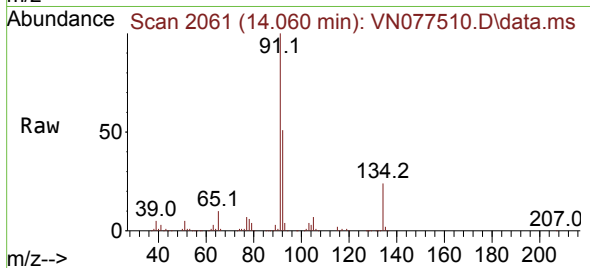
Tgt Ion: 91 Resp: 409655

Ion Ratio Lower Upper

91 100

92 54.2 0.0 108.4

134 25.8 0.0 50.0



#86

Hexachloroethane

Concen: 19.804 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077510.D

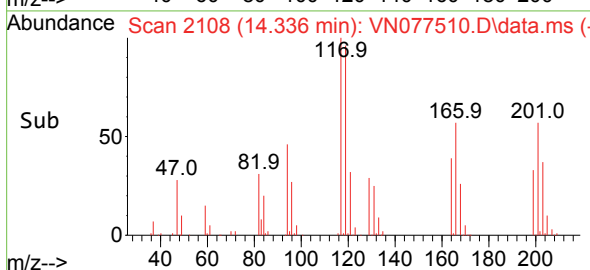
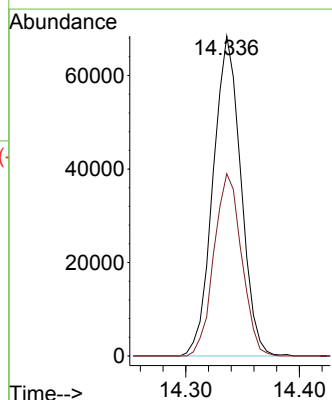
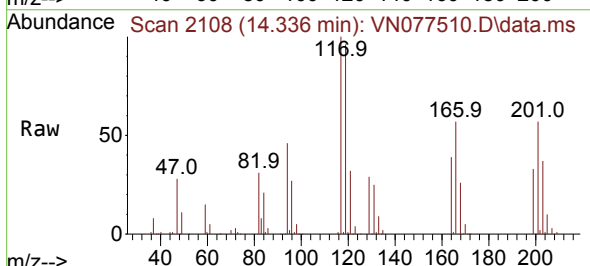
Acq: 28 Apr 2023 19:30

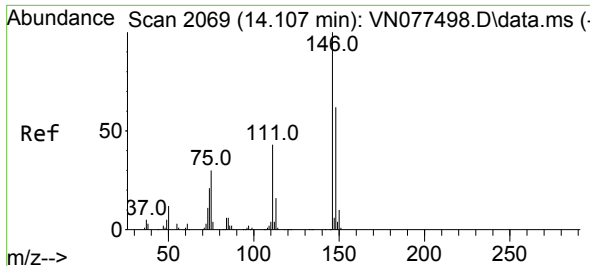
Tgt Ion: 117 Resp: 116430

Ion Ratio Lower Upper

117 100

201 56.6 27.4 82.2

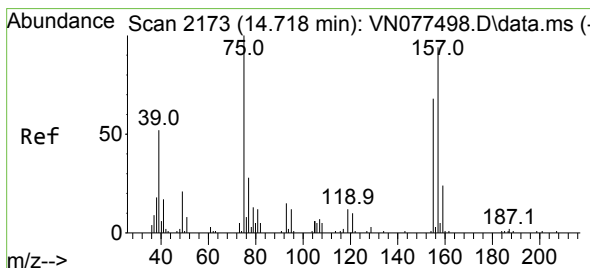
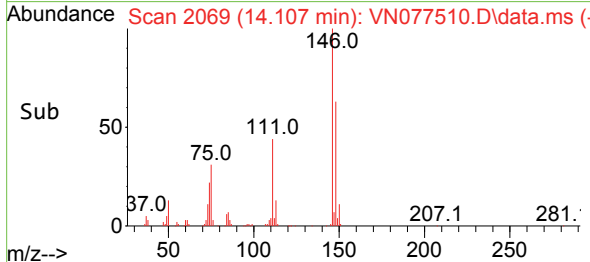
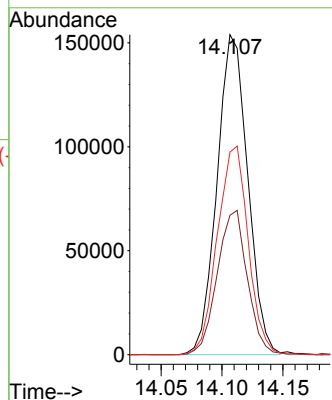
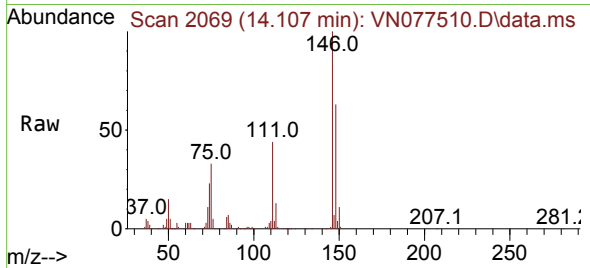




#87
1,2-Dichlorobenzene
Concen: 18.979 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

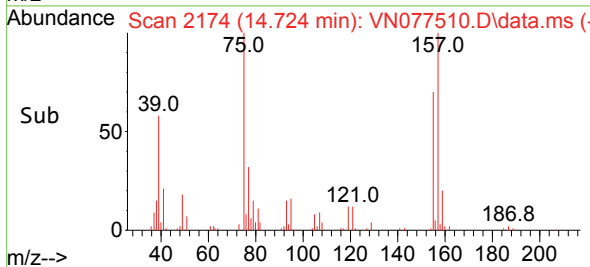
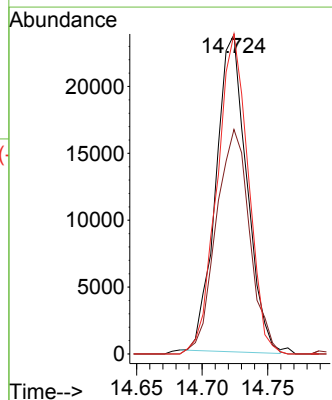
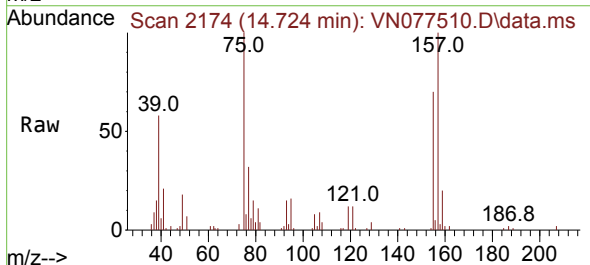
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

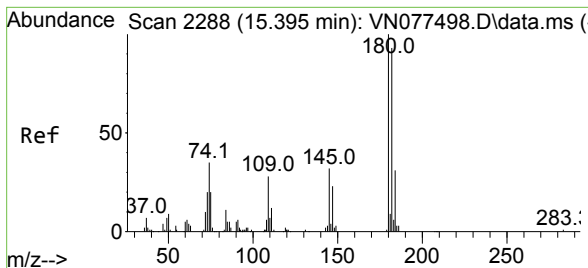
Tgt Ion:146 Resp: 270628
Ion Ratio Lower Upper
146 100
111 44.2 22.3 66.9
148 65.4 32.4 97.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.506 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077510.D
Acq: 28 Apr 2023 19:30

Tgt Ion: 75 Resp: 38821
Ion Ratio Lower Upper
75 100
155 77.1 63.0 94.4
157 101.9 79.5 119.3





#89

1,2,4-Trichlorobenzene

Concen: 15.575 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

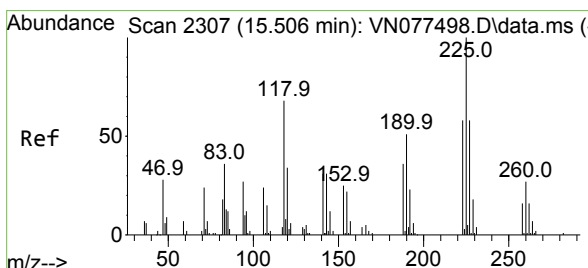
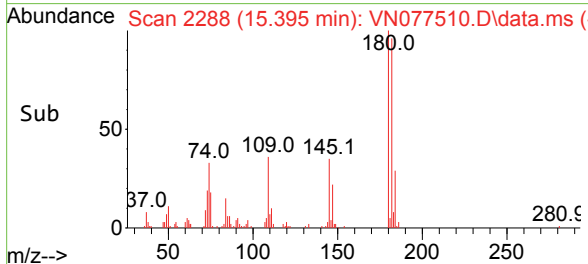
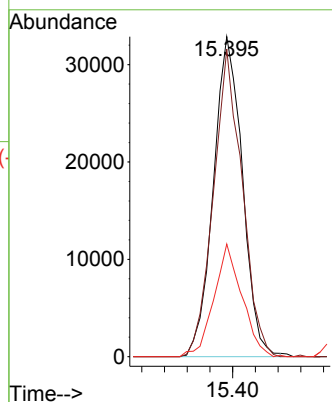
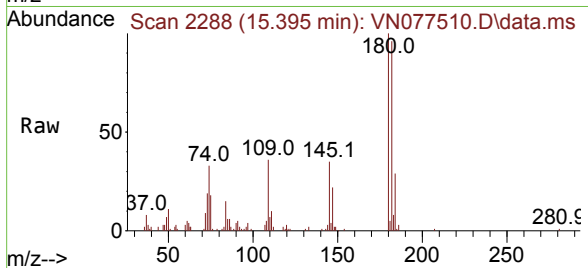
Tgt Ion:180 Resp: 58292

Ion Ratio Lower Upper

180 100

182 94.9 78.7 118.1

145 34.0 28.8 43.2



#90

Hexachlorobutadiene

Concen: 18.450 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

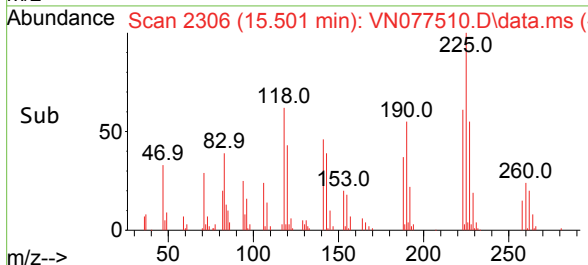
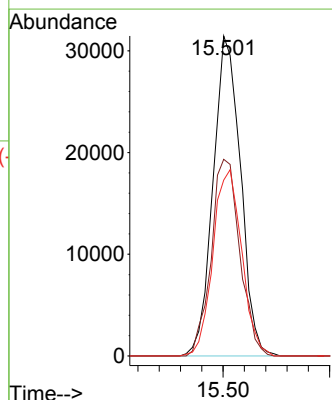
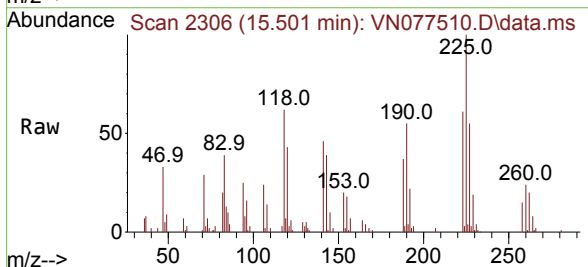
Tgt Ion:225 Resp: 56160

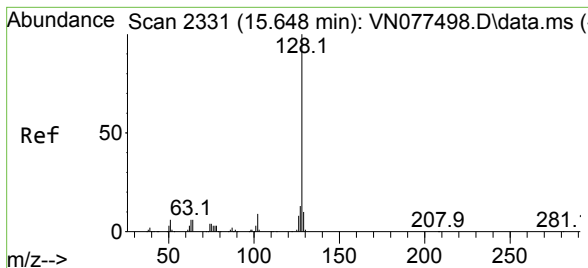
Ion Ratio Lower Upper

225 100

223 64.2 0.0 124.2

227 61.2 0.0 119.2





#91

Naphthalene

Concen: 15.693 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

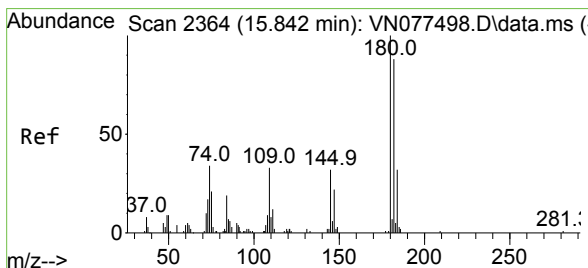
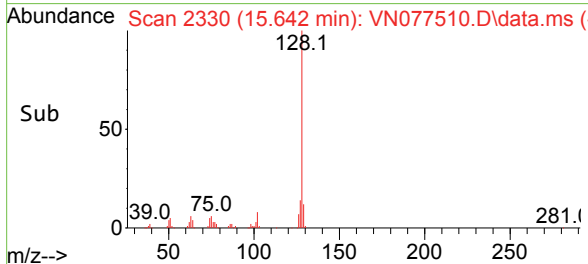
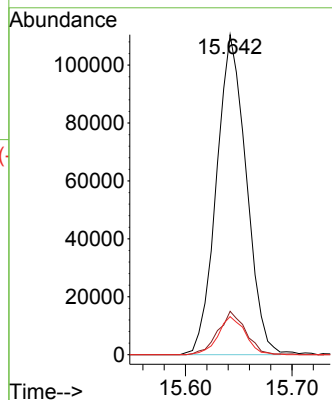
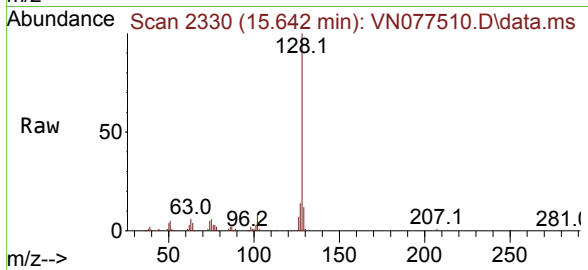
Tgt Ion:128 Resp: 214410

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.9 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 16.064 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077510.D

Acq: 28 Apr 2023 19:30

Tgt Ion:180 Resp: 56251

Ion Ratio Lower Upper

180 100

182 92.9 0.0 198.0

145 36.0 0.0 80.2

