

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077591.D
 Acq On : 05 May 2023 14:20
 Operator : JC\MD
 Sample : VN0505WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Quant Time: May 06 02:31:51 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	65058	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	465835	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	514057	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	185651	32.009	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.700%
60) 4-Bromofluorobenzene	12.848	95	284838	31.627	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.433%
63) Toluene-d8	10.566	98	542766	29.964	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	156958	19.379	ug/l	99
3) Chloromethane	2.372	50	132446	22.135	ug/l	96
4) Vinyl Chloride	2.525	62	161905	19.456	ug/l	97
5) Bromomethane	2.960	94	117280	16.695	ug/l	92
6) Chloroethane	3.131	64	113078	18.869	ug/l	91
7) Trichlorofluoromethane	3.507	101	243363	19.830	ug/l	94
8) Diethyl Ether	3.972	74	93335	21.733	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.378	101	131635	18.978	ug/l	85
10) 1,1-Dichloroethene	4.349	96	126975	19.082	ug/l	93
11) Methyl Iodide	4.596	142	161700	19.808	ug/l	96
12) Methyl Acetate	5.031	43	231039	24.074	ug/l	95
13) Acrolein	4.184	56	118564	103.041	ug/l	98
14) Acrylonitrile	5.731	53	323731	109.953	ug/l	97
15) Acetone	4.437	58	89258	94.951	ug/l	86
16) Carbon Disulfide	4.725	76	307858	18.449	ug/l	99
17) Allyl chloride	5.031	41	158711	21.751	ug/l	94
18) Methylene Chloride	5.290	84	156600	19.949	ug/l	92
19) trans-1,2-Dichloroethene	5.801	96	140597	19.123	ug/l	96
20) Diisopropyl ether	6.678	45	384049	22.611	ug/l	97
21) 1,1-Dichloroethane	6.572	63	257742	20.764	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	173759	19.732	ug/l	95
23) tert-Butyl Alcohol	5.531	59	128622	101.261	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	486490	21.078	ug/l #	84
25) Chloroform	7.972	83	297676	20.866	ug/l	97
26) Cyclohexane	8.266	56	201562	19.906	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	202906	20.664	ug/l	98
30) 2-Butanone	7.489	43	399738	111.037	ug/l	95
31) 2,2-Dichloropropane	7.495	77	219143	19.074	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	264280	20.852	ug/l	97
33) Carbon Tetrachloride	8.366	117	220053	20.003	ug/l	95
34) Benzene	8.607	78	635952	21.060	ug/l #	96
35) Methacrylonitrile	7.784	41	90757	24.691	ug/l	95
36) 1,2-Dichloroethane	8.678	62	227861	22.095	ug/l	99
37) Trichloroethene	9.360	130	153263	20.081	ug/l	98
38) Methylcyclohexane	9.601	83	242184	18.773	ug/l	94
39) 1,2-Dichloropropane	9.625	63	153595	21.961	ug/l	98
40) Dibromomethane	9.713	93	114923	20.835	ug/l	98
41) Bromodichloromethane	9.889	83	229640	21.080	ug/l	99
42) Vinyl Acetate	6.613	43	1192425	105.171	ug/l	96

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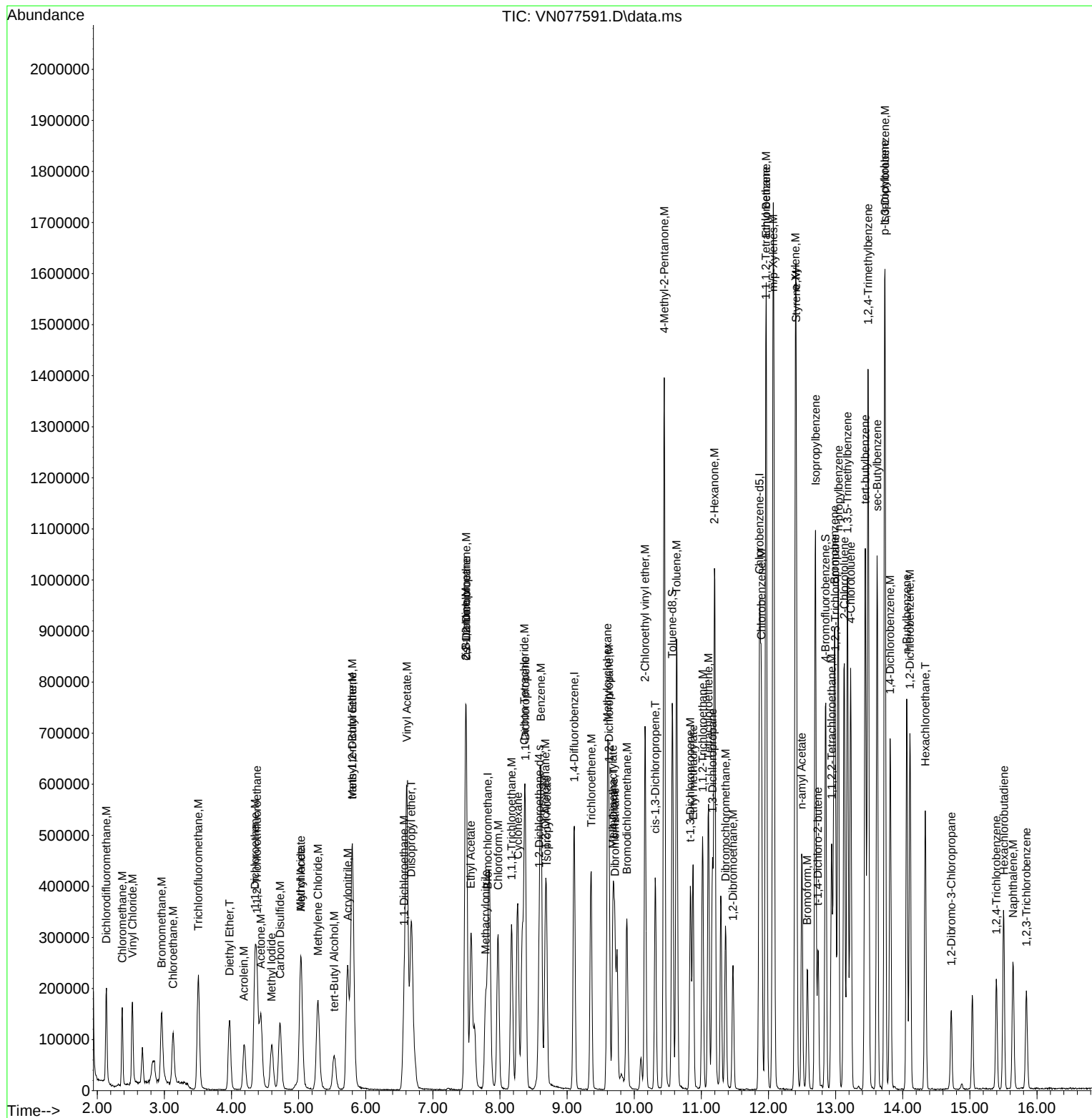
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	170250	24.432	ug/l #	77
44) Isopropyl Acetate	8.695	43	293964	23.815	ug/l	91
45) 1,4-Dioxane	9.695	88	61806	412.877	ug/l #	95
46) Methyl methacrylate	9.683	41	130983	23.316	ug/l	99
47) n-amyl Acetate	12.495	43	233953	23.644	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	233523	21.055	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	250375	20.913	ug/l #	90
50) 1,1,2-Trichloroethane	11.019	97	162604	20.767	ug/l	94
51) Ethyl methacrylate	10.878	69	236382	21.806	ug/l	92
52) 1,3-Dichloropropane	11.166	76	275281	21.666	ug/l	99
53) Dibromochloromethane	11.360	129	170085	21.099	ug/l	100
54) 1,2-Dibromoethane	11.472	107	163046	20.348	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	330171	92.818	ug/l	99
56) Bromoform	12.577	173	99385	19.766	ug/l #	97
58) 4-Methyl-2-Pentanone	10.448	43	867831	117.224	ug/l	95
59) 2-Hexanone	11.195	43	626082	114.787	ug/l	95
61) Tetrachloroethene	11.107	164	116788	19.451	ug/l	92
62) Toluene	10.630	91	702257	20.312	ug/l	98
64) Chlorobenzene	11.895	112	422251	19.992	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.960	131	155794	20.641	ug/l	98
66) Ethyl Benzene	11.966	91	778669	20.627	ug/l	100
67) m/p-Xylenes	12.072	106	593954	40.405	ug/l	96
68) o-Xylene	12.401	106	297435	20.370	ug/l	97
69) Styrene	12.413	104	472397	20.806	ug/l	97
70) Isopropylbenzene	12.701	105	756360	20.407	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	235138	20.827	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	275988	28.738	ug/l	63
73) Bromobenzene	12.983	156	157900	19.811	ug/l	94
74) n-propylbenzene	13.042	91	846197	20.517	ug/l	99
75) 2-Chlorotoluene	13.130	91	525717	20.666	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	604377	21.154	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	58450	18.427	ug/l	75
78) 4-Chlorotoluene	13.224	91	499297	20.732	ug/l	100
79) tert-butylbenzene	13.442	119	541508	20.489	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	547601	20.840	ug/l	99
81) sec-Butylbenzene	13.619	105	744597	20.209	ug/l	99
82) p-Isopropyltoluene	13.730	119	575269	19.925	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	284064	20.373	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	271264	19.689	ug/l	98
85) n-Butylbenzene	14.060	91	439137	19.682	ug/l	98
86) Hexachloroethane	14.336	117	113049	19.329	ug/l	96
87) 1,2-Dichlorobenzene	14.107	146	279007	19.668	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	44189	21.174	ug/l	92
89) 1,2,4-Trichlorobenzene	15.395	180	62979	16.915	ug/l	99
90) Hexachlorobutadiene	15.507	225	56898	18.790	ug/l	96
91) Naphthalene	15.642	128	238551	17.551	ug/l #	93
92) 1,2,3-Trichlorobenzene	15.842	180	61529	17.663	ug/l	96

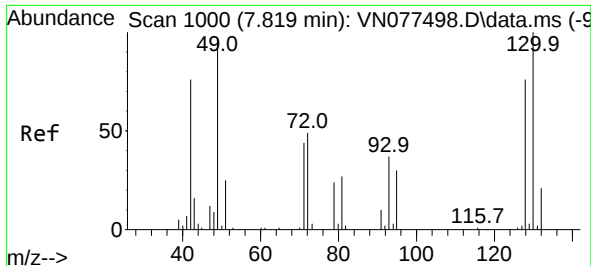
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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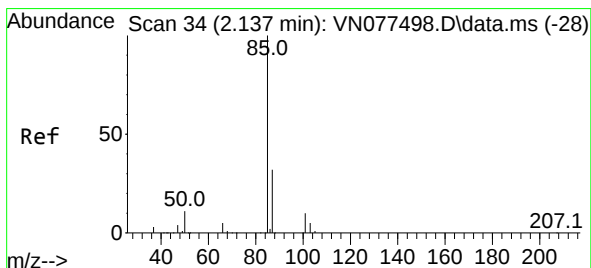
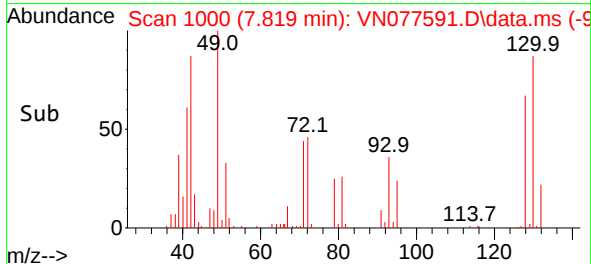
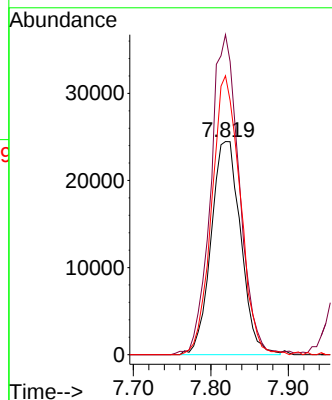
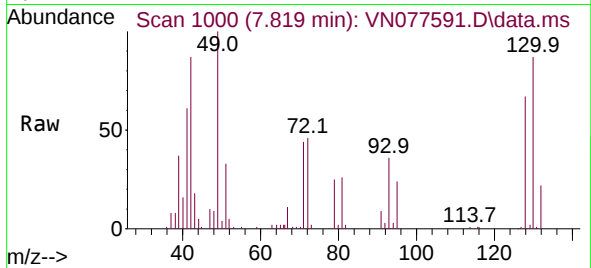




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077591.D
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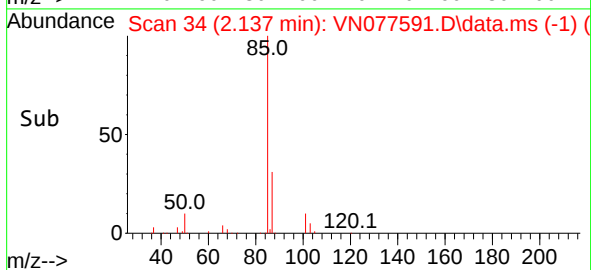
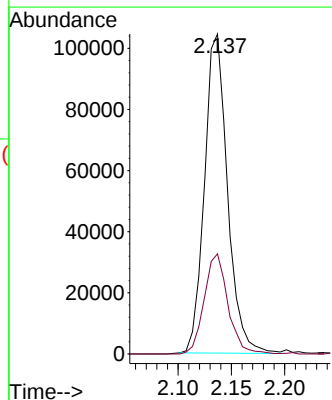
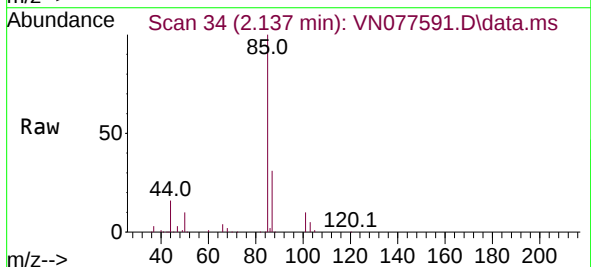
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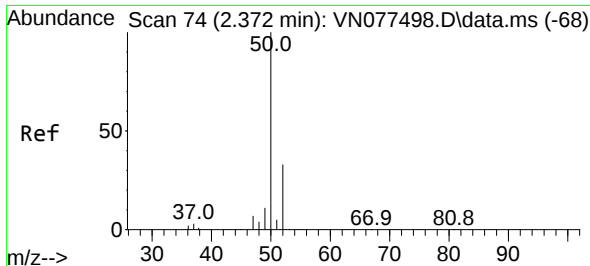
Tgt Ion:128 Resp: 65058
Ion Ratio Lower Upper
128 100
49 144.3 0.0 338.5
130 125.5 0.0 326.3



#2
Dichlorodifluoromethane
Concen: 19.379 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 85 Resp: 156958
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.3

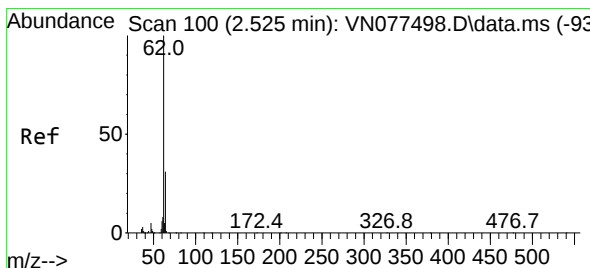
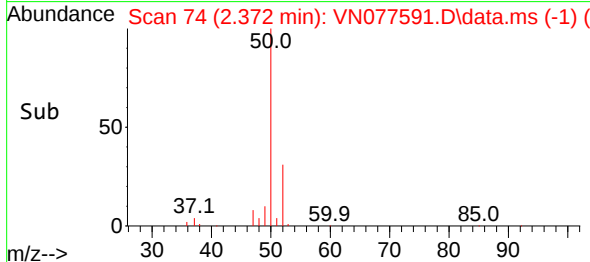
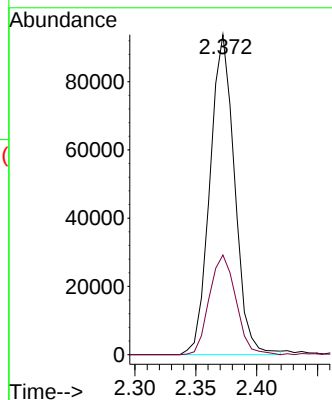
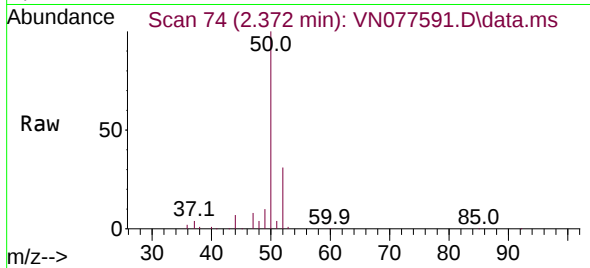




#3
Chloromethane
Concen: 22.135 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

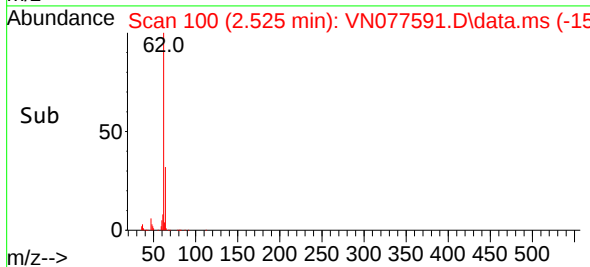
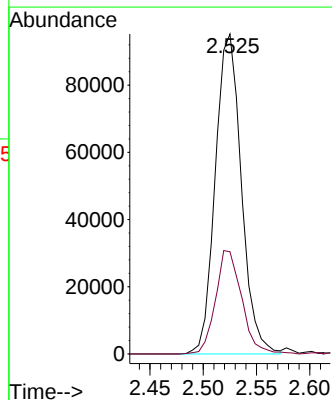
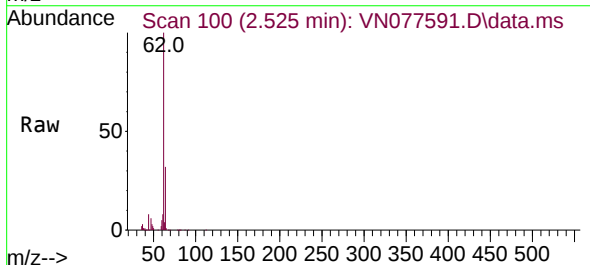
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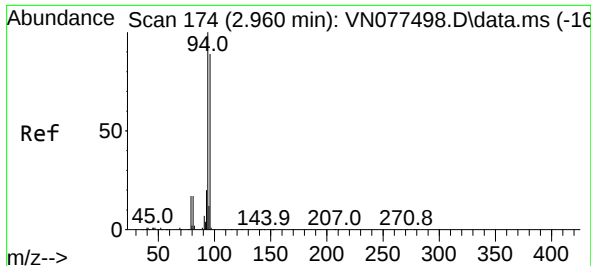
Tgt Ion: 50 Resp: 132446
Ion Ratio Lower Upper
50 100
52 31.2 26.6 39.8



#4
Vinyl Chloride
Concen: 19.456 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 62 Resp: 161905
Ion Ratio Lower Upper
62 100
64 31.9 27.1 40.7

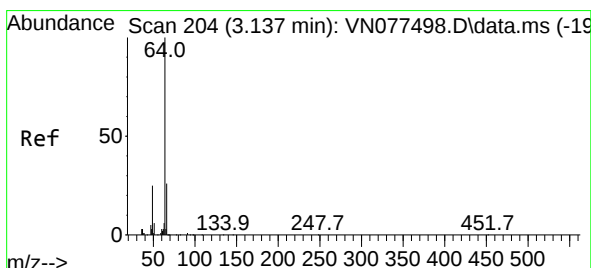
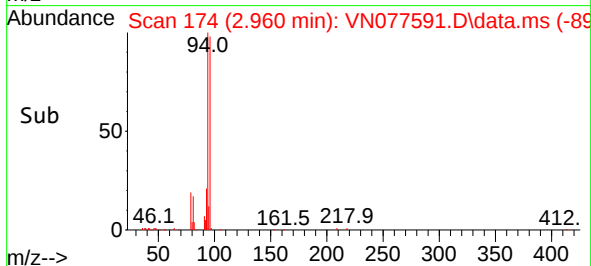
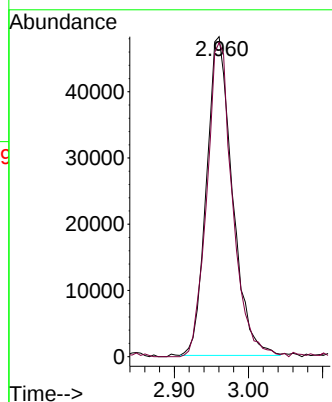
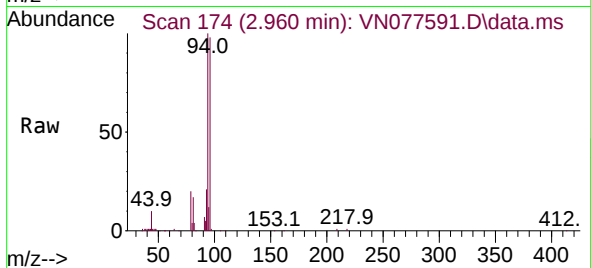




#5
Bromomethane
Concen: 16.695 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

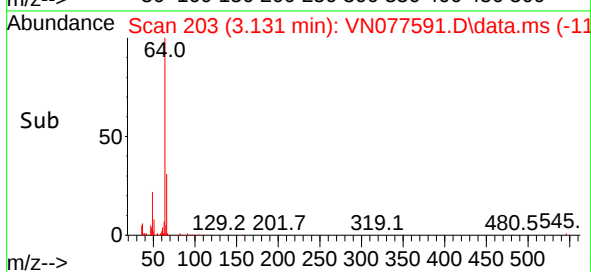
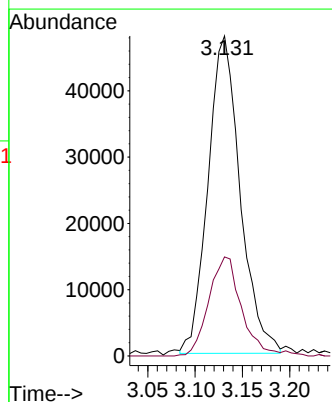
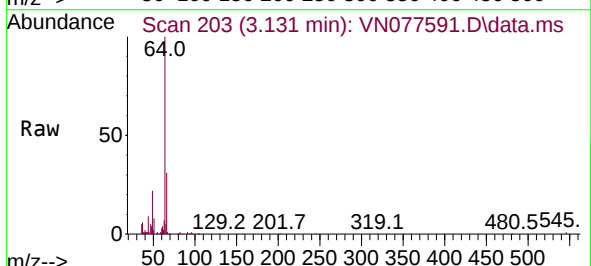
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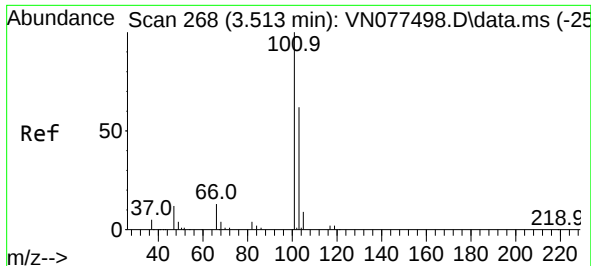
Tgt Ion: 94 Resp: 117280
Ion Ratio Lower Upper
94 100
96 98.5 72.6 108.8



#6
Chloroethane
Concen: 18.869 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 64 Resp: 113078
Ion Ratio Lower Upper
64 100
66 31.2 29.1 43.7

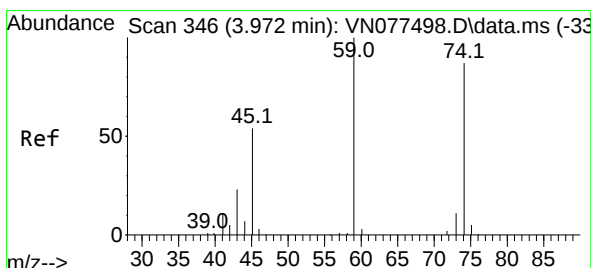
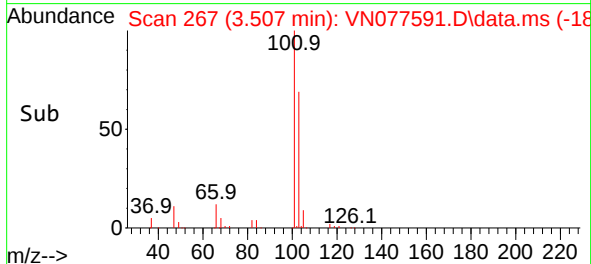
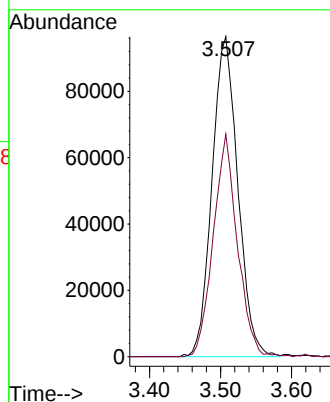
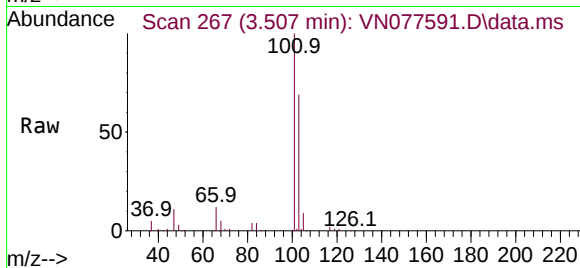




#7
Trichlorofluoromethane
Concen: 19.830 ug/l
RT: 3.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

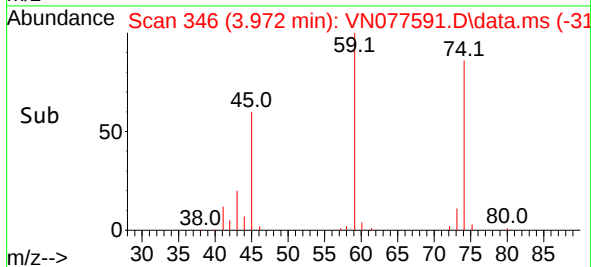
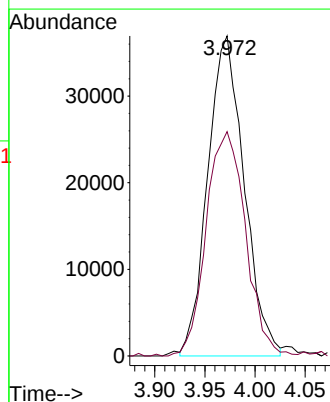
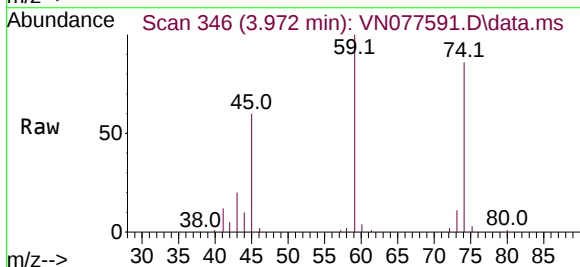
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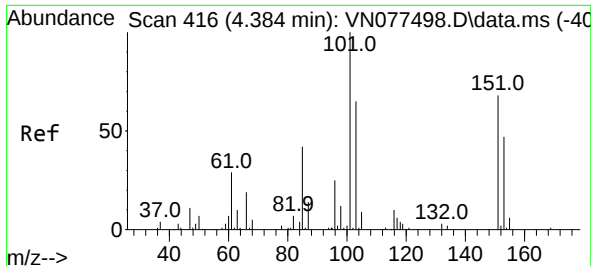
Tgt Ion:101 Resp: 243363
Ion Ratio Lower Upper
101 100
103 69.5 51.8 77.8



#8
Diethyl Ether
Concen: 21.733 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077591.D
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Tgt Ion: 74 Resp: 93335
Ion Ratio Lower Upper
74 100
45 75.6 13.6 122.0

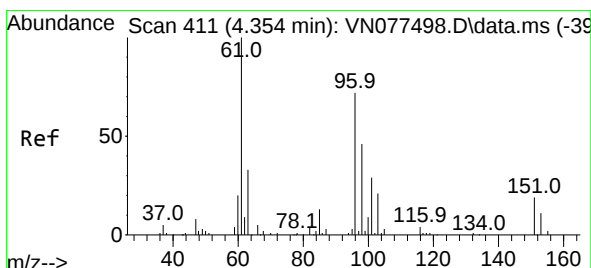
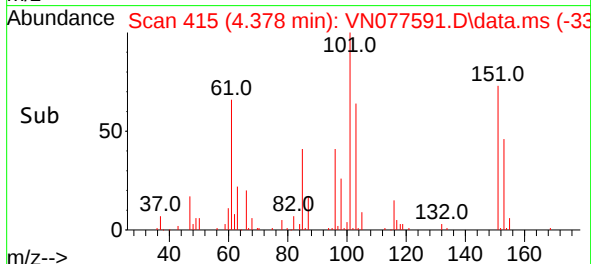
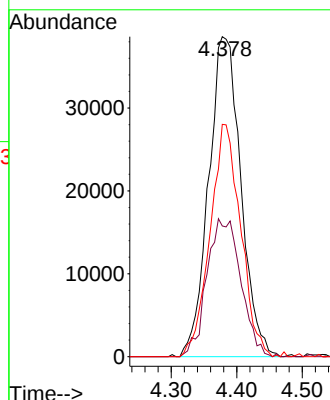
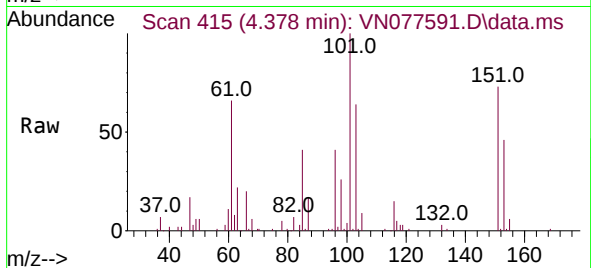




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.978 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077591.D
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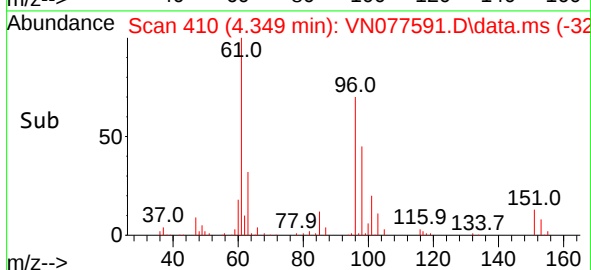
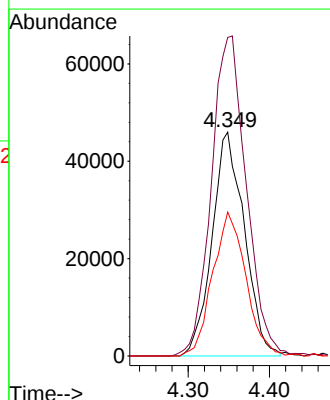
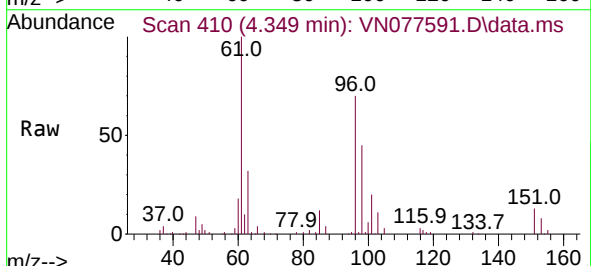
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

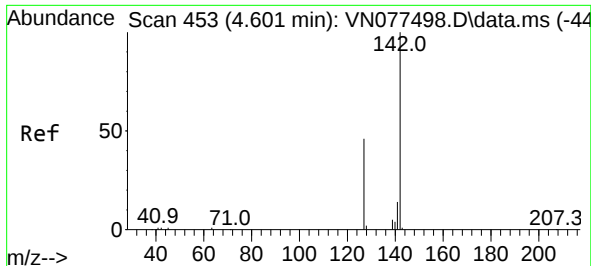
Tgt Ion:101 Resp: 131635
Ion Ratio Lower Upper
101 100
85 21.0 0.0 90.4
151 69.0 0.0 140.8



#10
1,1-Dichloroethene
Concen: 19.082 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 96 Resp: 126975
Ion Ratio Lower Upper
96 100
61 140.7 108.8 163.2
98 64.2 43.5 65.3

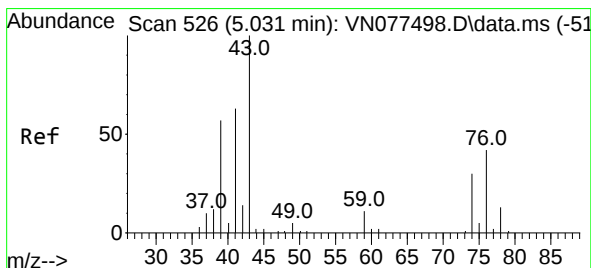
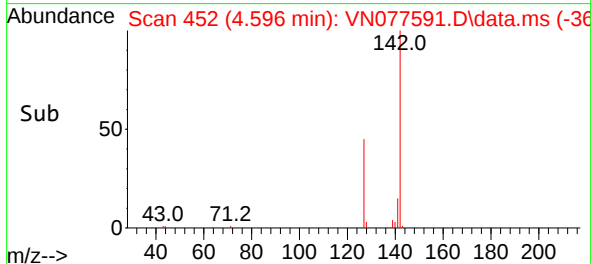
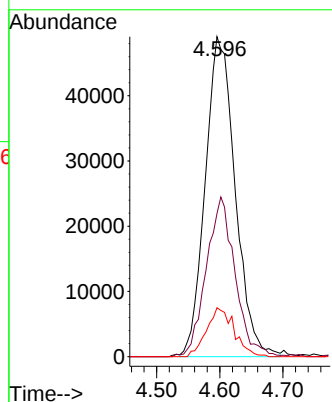
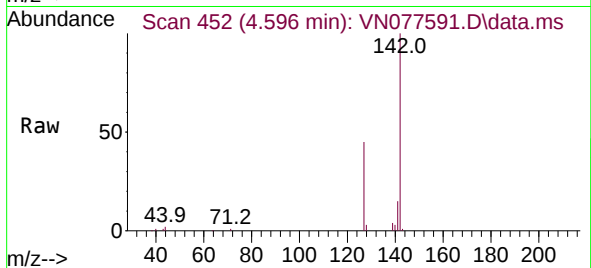




#11
Methyl Iodide
Concen: 19.808 ug/l
RT: 4.596 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

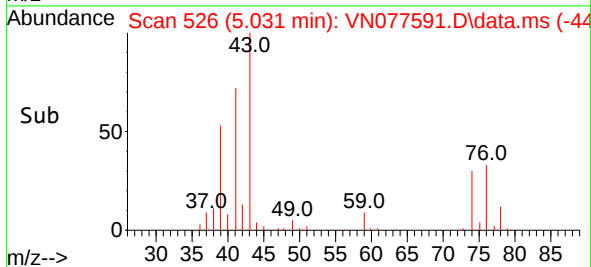
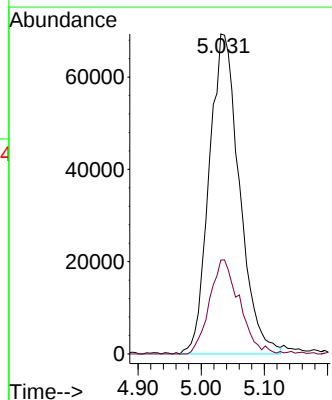
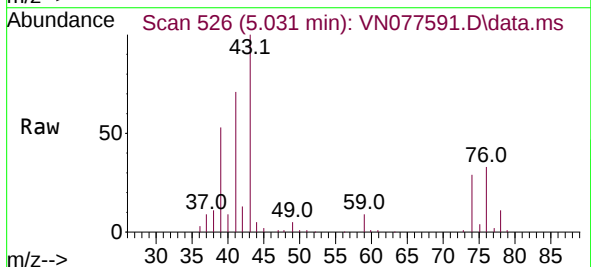
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

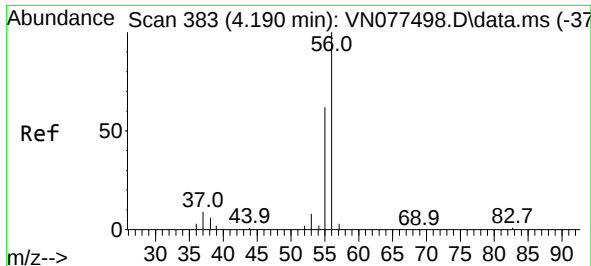
Tgt Ion:142 Resp: 161700
Ion Ratio Lower Upper
142 100
127 44.7 23.1 69.3
141 15.4 6.0 18.0



#12
Methyl Acetate
Concen: 24.074 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 43 Resp: 231039
Ion Ratio Lower Upper
43 100
74 29.3 25.8 38.8

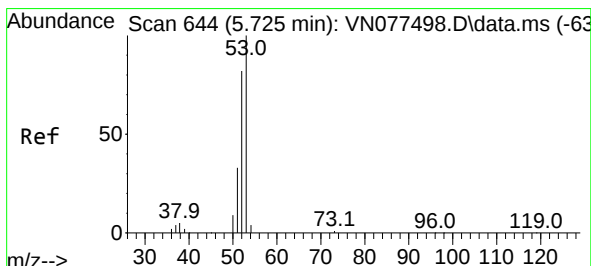
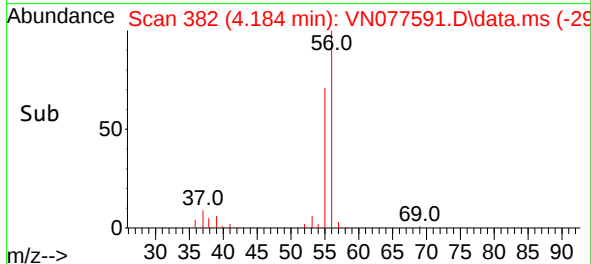
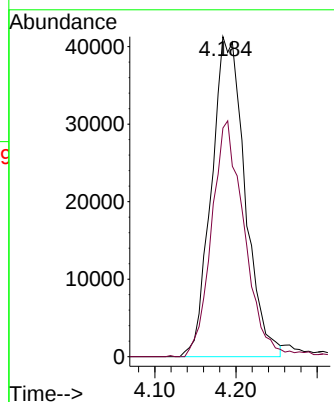
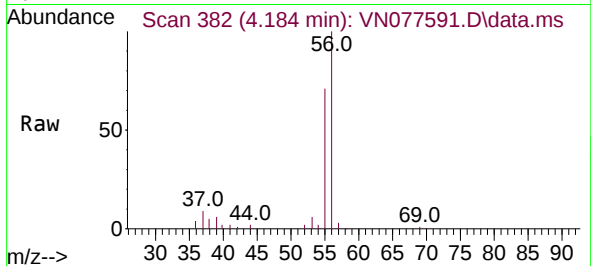




#13
Acrolein
Concen: 103.041 ug/l
RT: 4.184 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

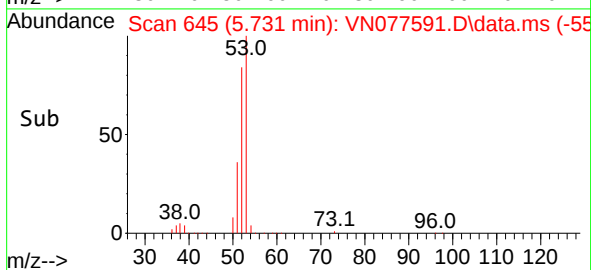
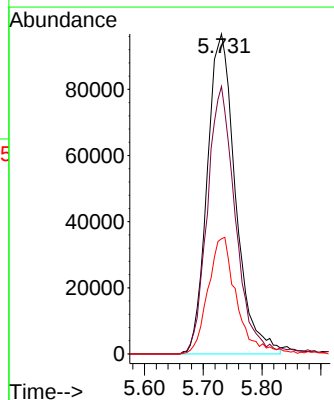
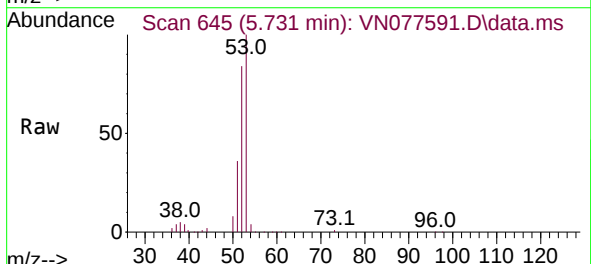
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

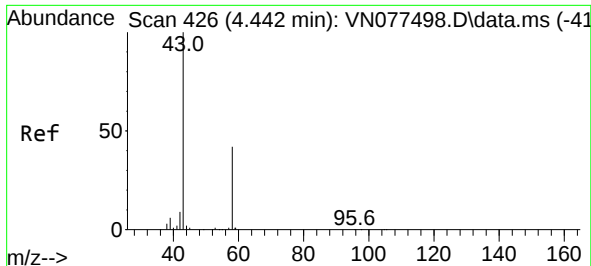
Tgt Ion: 56 Resp: 118564
Ion Ratio Lower Upper
56 100
55 71.5 55.8 83.6



#14
Acrylonitrile
Concen: 109.953 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 53 Resp: 323731
Ion Ratio Lower Upper
53 100
52 81.5 41.9 125.6
51 34.4 18.0 54.0





#15

Acetone

Concen: 94.951 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.005 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

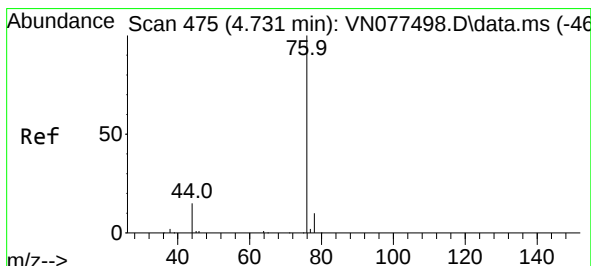
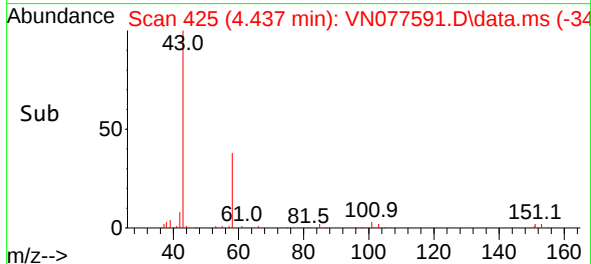
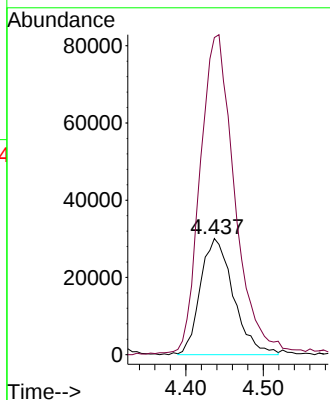
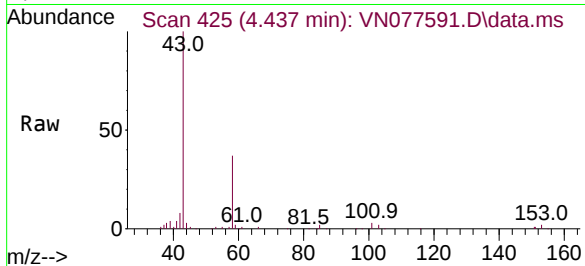
VN0505WBS01

Tgt Ion: 58 Resp: 89258

Ion Ratio Lower Upper

58 100

43 270.6 197.2 295.8



#16

Carbon Disulfide

Concen: 18.449 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.006 min

Lab File: VN077591.D

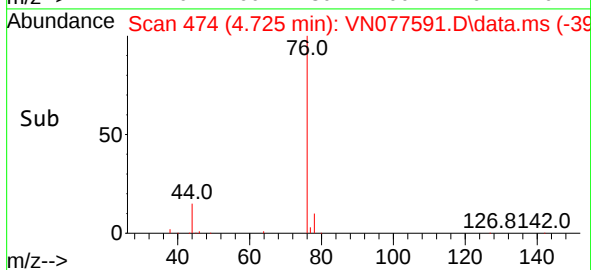
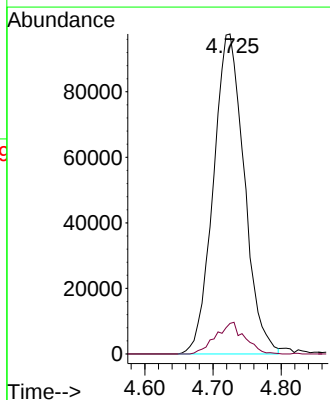
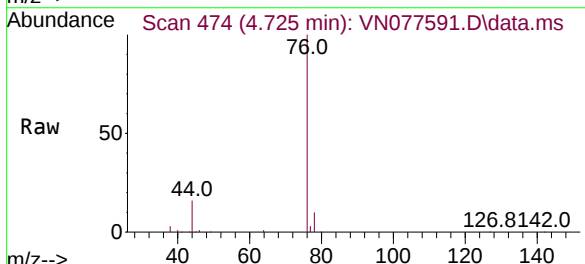
Acq: 05 May 2023 14:20

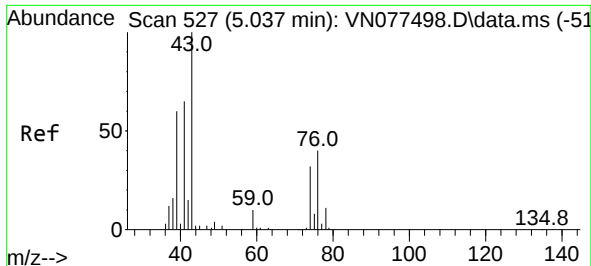
Tgt Ion: 76 Resp: 307858

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.8

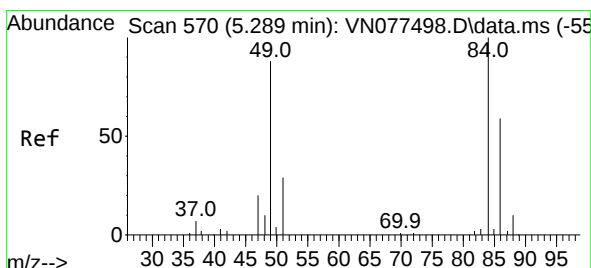
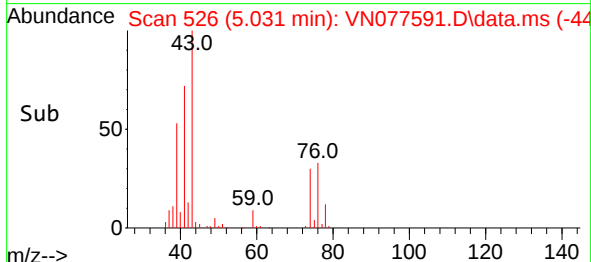
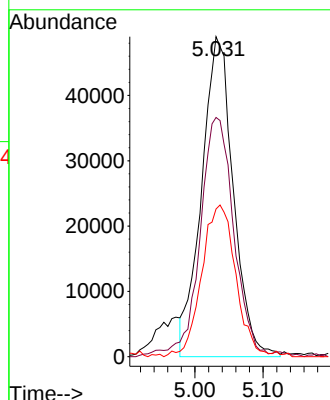
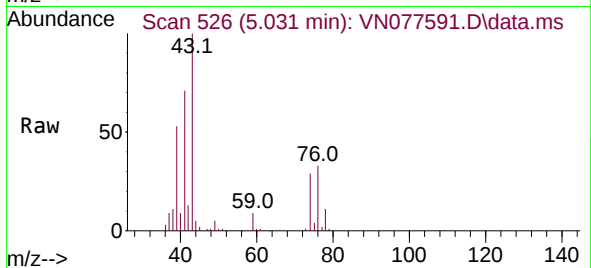




#17
 Allyl chloride
 Concen: 21.751 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077591.D
 Acq: 05 May 2023 14:20

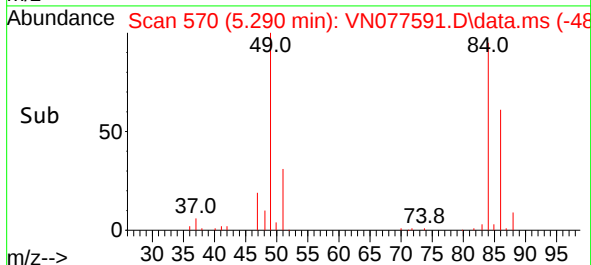
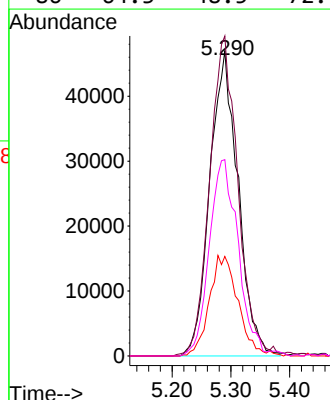
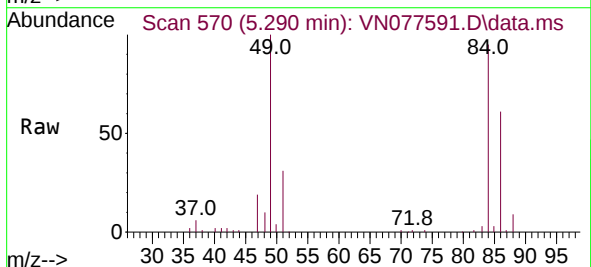
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

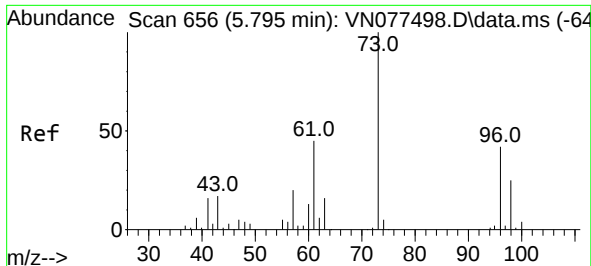
Tgt Ion: 41 Resp: 158711
 Ion Ratio Lower Upper
 41 100
 39 73.8 38.6 116.0
 76 45.9 26.1 78.3



#18
 Methylene Chloride
 Concen: 19.949 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.001 min
 Lab File: VN077591.D
 Acq: 05 May 2023 14:20

Tgt Ion: 84 Resp: 156600
 Ion Ratio Lower Upper
 84 100
 49 104.1 74.6 112.0
 51 32.6 25.0 37.6
 86 64.3 48.5 72.7





#19

trans-1,2-Dichloroethene

Concen: 19.123 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

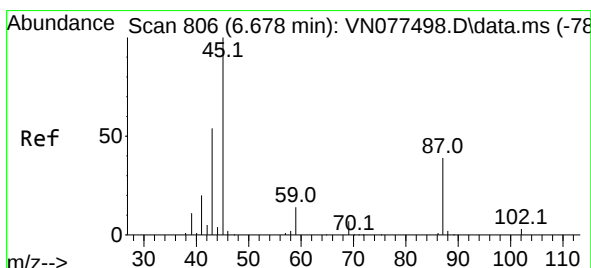
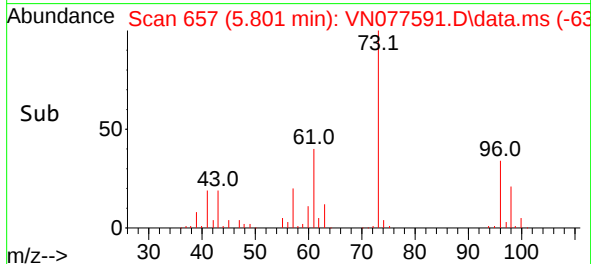
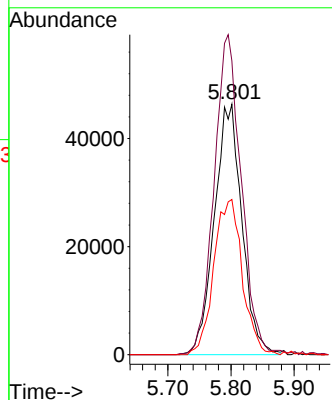
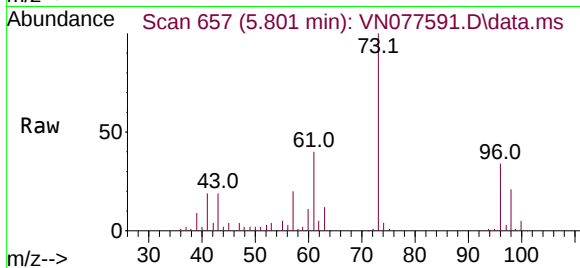
Tgt Ion: 96 Resp: 140597

Ion Ratio Lower Upper

96 100

61 116.8 89.7 134.5

98 62.0 47.0 70.4



#20

Diisopropyl ether

Concen: 22.611 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Tgt Ion: 45 Resp: 384049

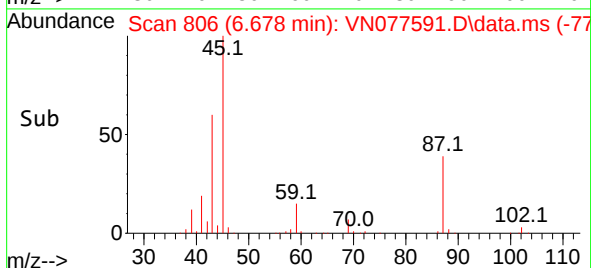
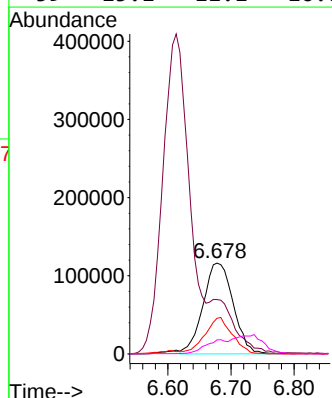
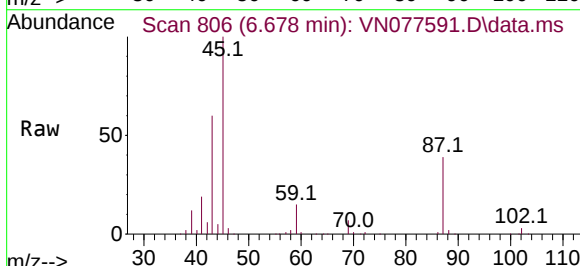
Ion Ratio Lower Upper

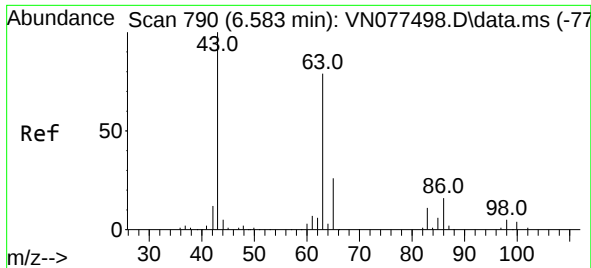
45 100

43 58.2 46.6 69.8

87 39.3 34.6 52.0

59 15.1 11.1 16.7

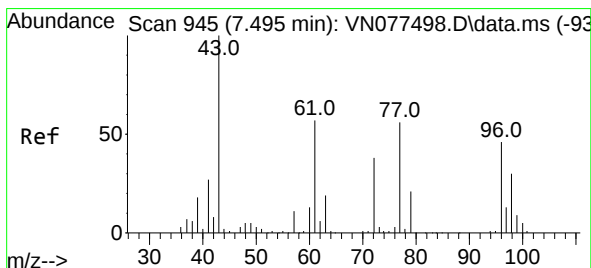
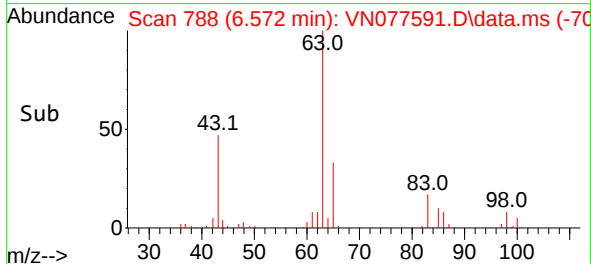
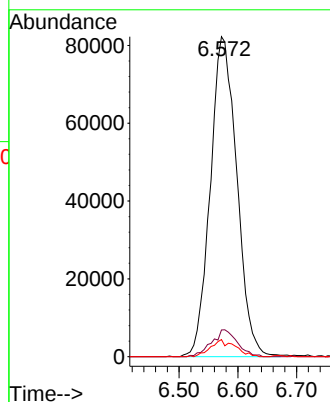
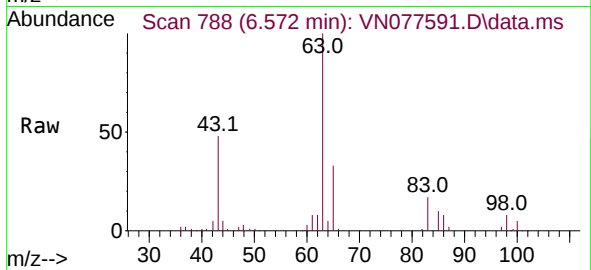




#21
1,1-Dichloroethane
Concen: 20.764 ug/l
RT: 6.572 min Scan# 790
Delta R.T. -0.011 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

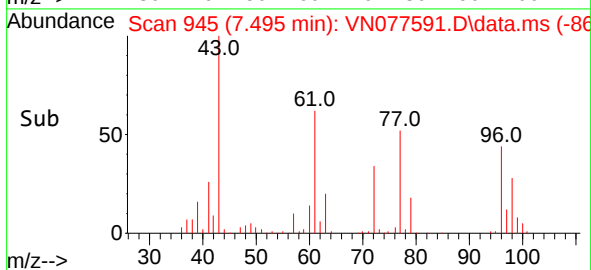
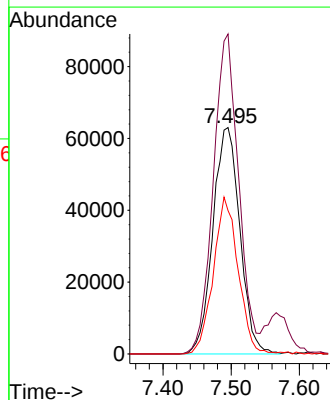
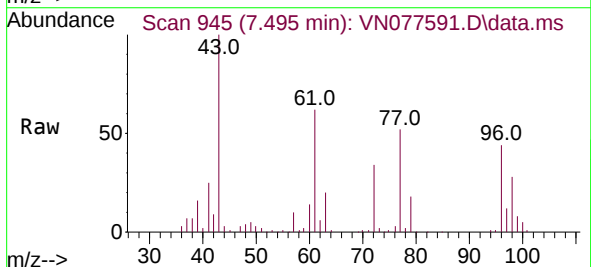
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

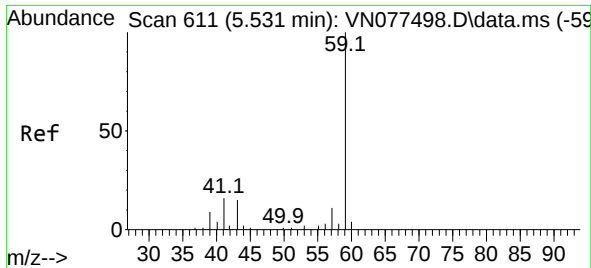
Tgt Ion: 63 Resp: 257742
Ion Ratio Lower Upper
63 100
98 8.4 4.0 12.0
100 5.4 3.4 10.1



#22
cis-1,2-Dichloroethene
Concen: 19.732 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 96 Resp: 173759
Ion Ratio Lower Upper
96 100
61 133.3 100.2 150.2
98 63.5 51.6 77.4

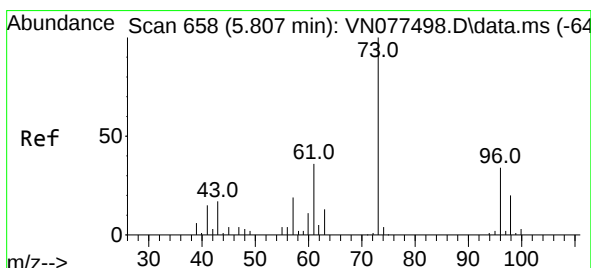
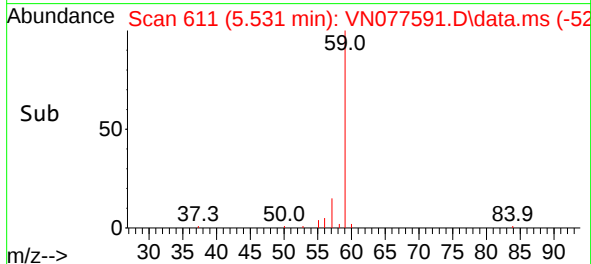
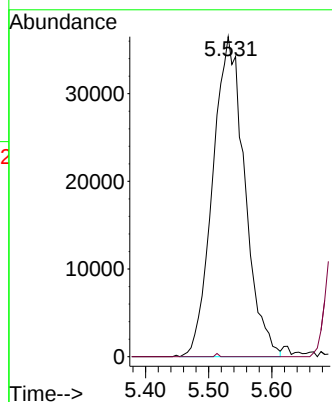
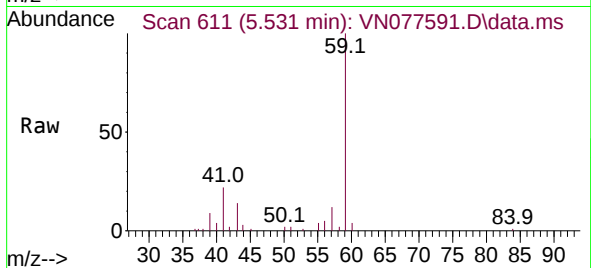




#23
tert-Butyl Alcohol
Concen: 101.261 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

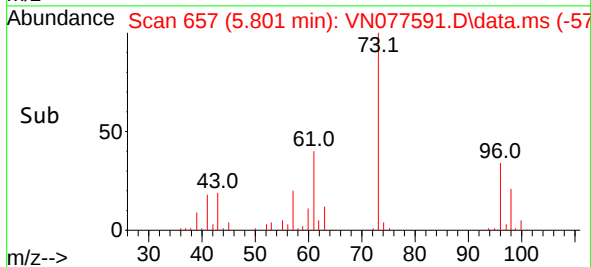
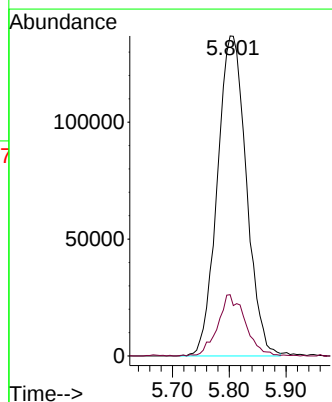
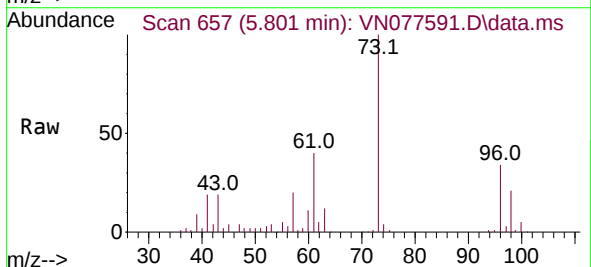
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

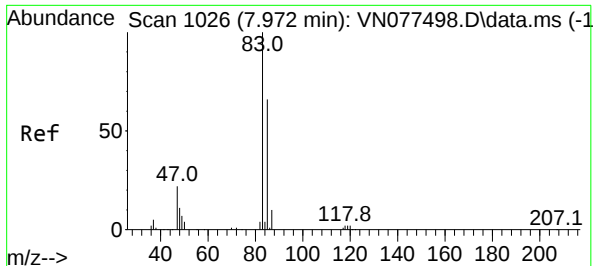
Tgt Ion: 59 Resp: 128622
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.078 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 73 Resp: 486490
Ion Ratio Lower Upper
73 100
43 10.2 13.5 20.3#





#25

Chloroform

Concen: 20.866 ug/l

RT: 7.972 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

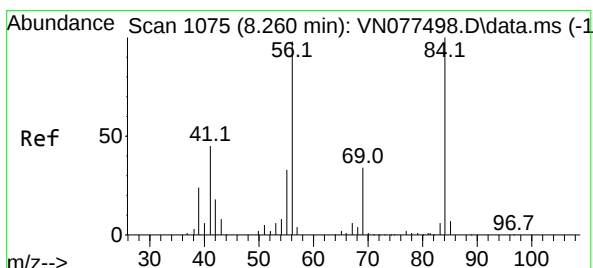
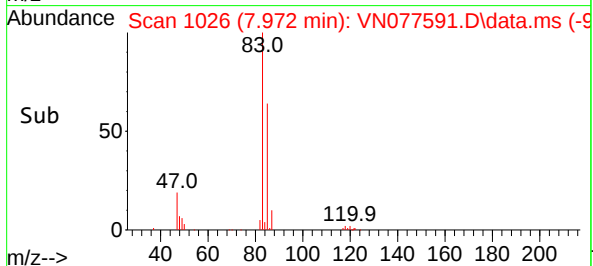
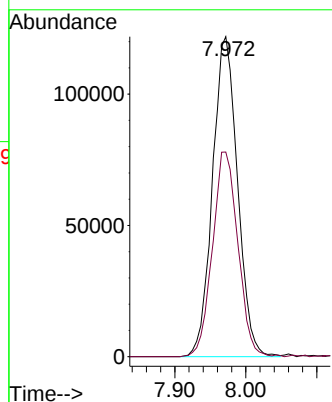
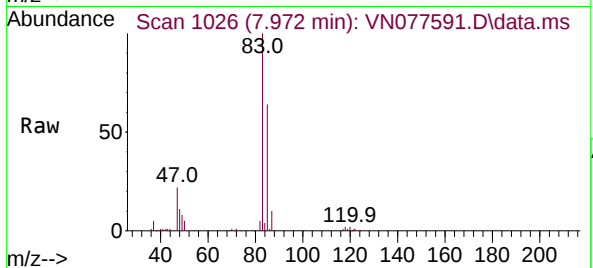
VN0505WBS01

Tgt Ion: 83 Resp: 297676

Ion Ratio Lower Upper

83 100

85 64.0 53.0 79.4



#26

Cyclohexane

Concen: 19.906 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

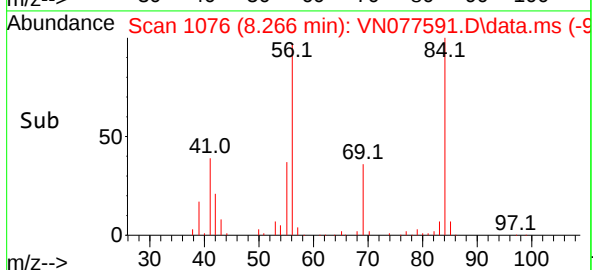
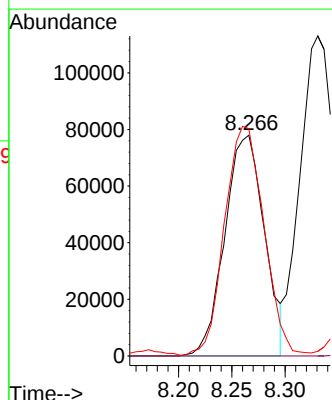
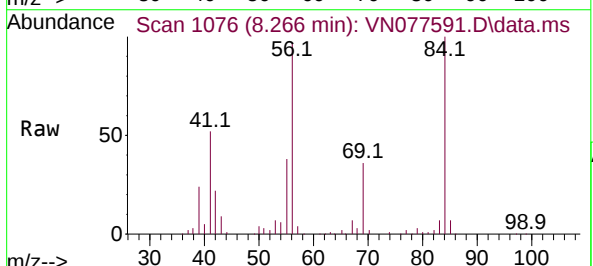
Tgt Ion: 56 Resp: 201562

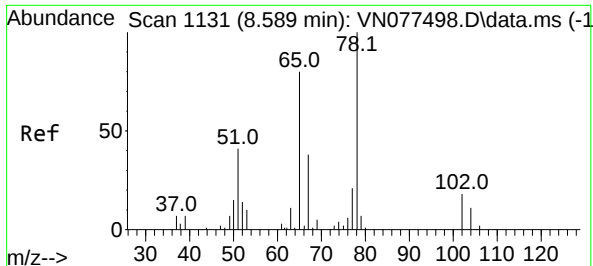
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 103.9 85.4 128.2





#27

1,2-Dichloroethane-d4

Concen: 32.009 ug/l

RT: 8.584 min Scan# 1131

Delta R.T. -0.005 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

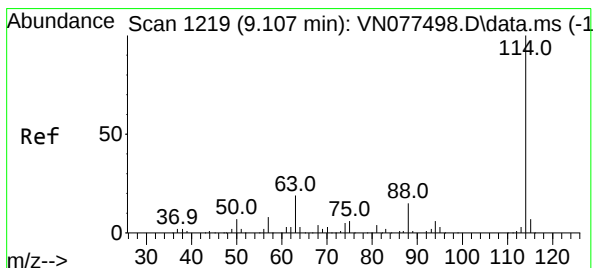
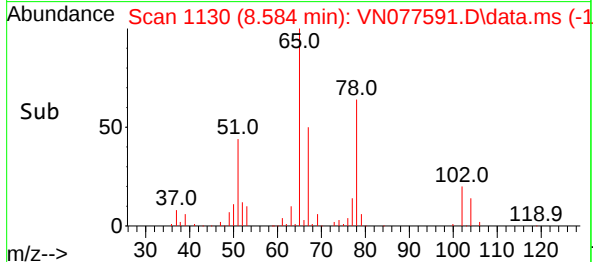
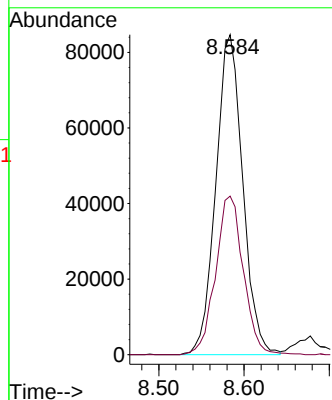
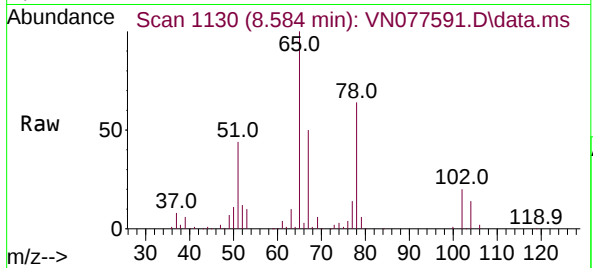
VN0505WBS01

Tgt Ion: 65 Resp: 185651

Ion Ratio Lower Upper

65 100

67 51.2 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: VN077591.D

Acq: 05 May 2023 14:20

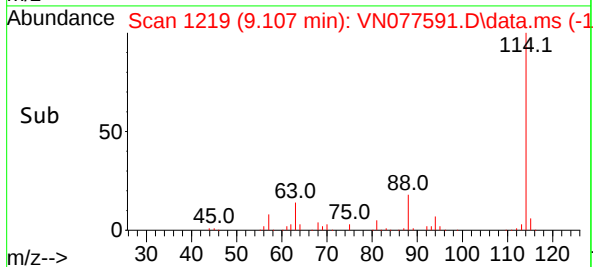
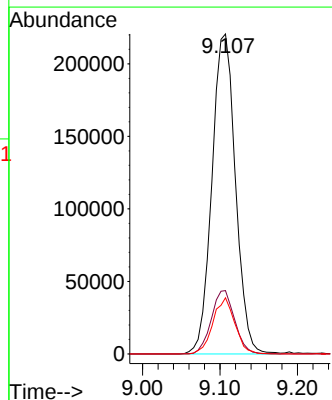
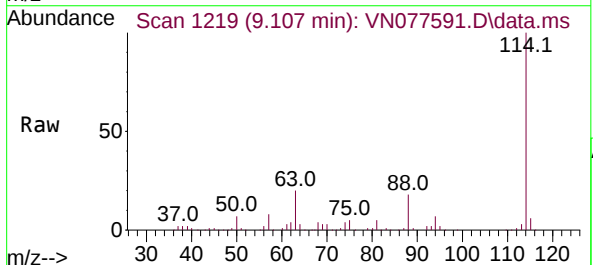
Tgt Ion: 114 Resp: 465835

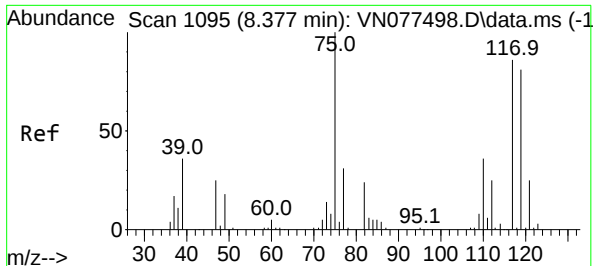
Ion Ratio Lower Upper

114 100

63 19.4 14.1 21.1

88 16.4 12.3 18.5

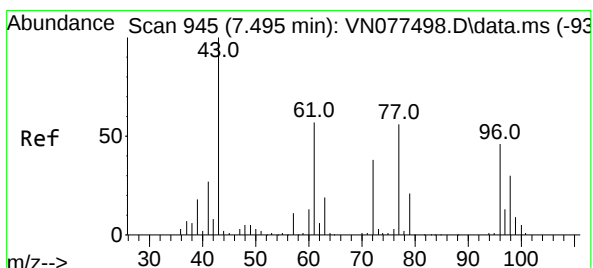
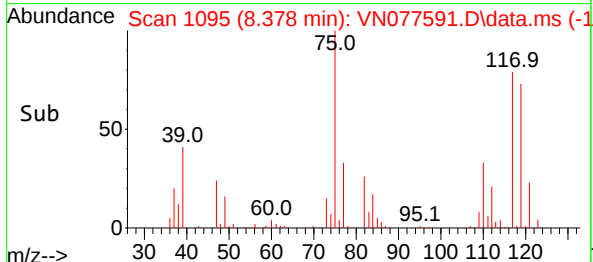
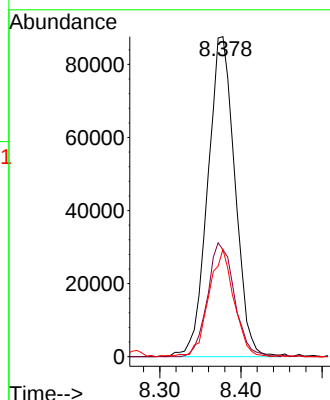
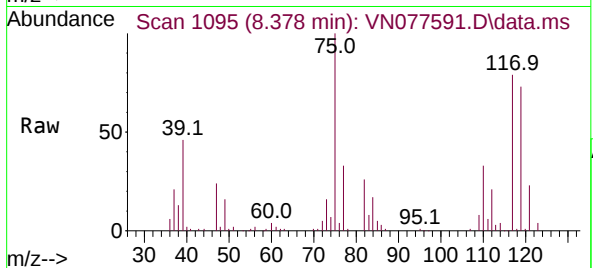




#29
1,1-Dichloropropene
Concen: 20.664 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

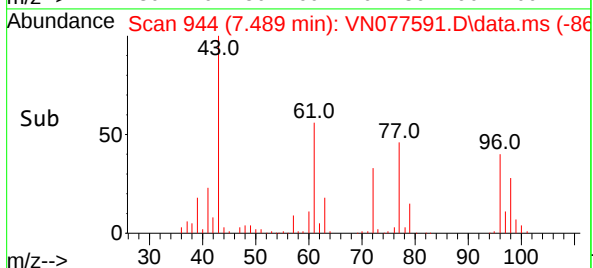
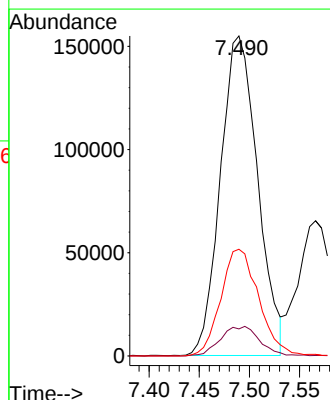
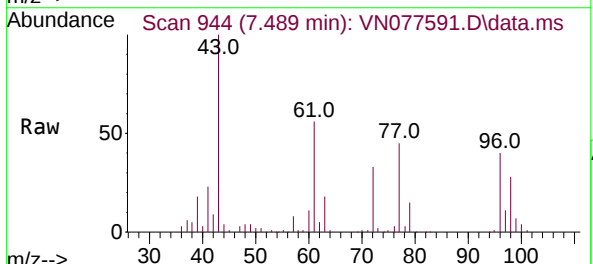
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

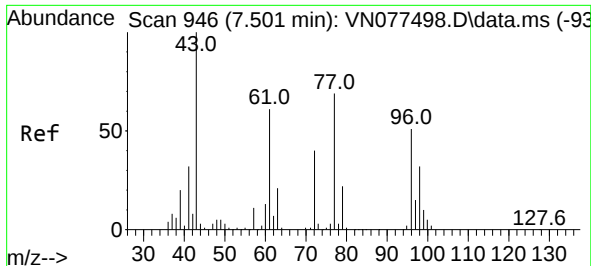
Tgt Ion: 75 Resp: 202906
Ion Ratio Lower Upper
75 100
110 35.2 0.0 74.0
77 31.0 0.0 62.8



#30
2-Butanone
Concen: 111.037 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 43 Resp: 399738
Ion Ratio Lower Upper
43 100
57 9.7 8.0 12.0
72 34.0 30.4 45.6





#31

2,2-Dichloropropane

Concen: 19.074 ug/l

RT: 7.495 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

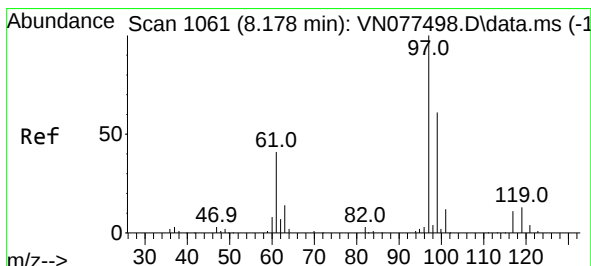
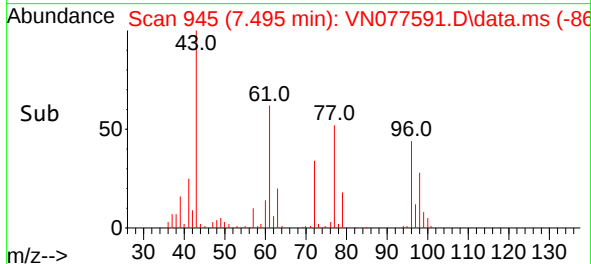
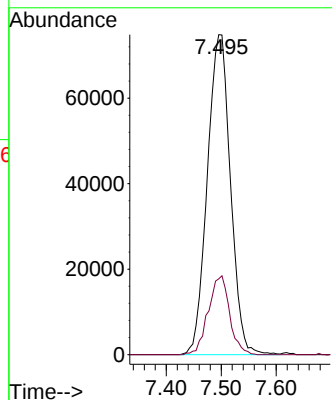
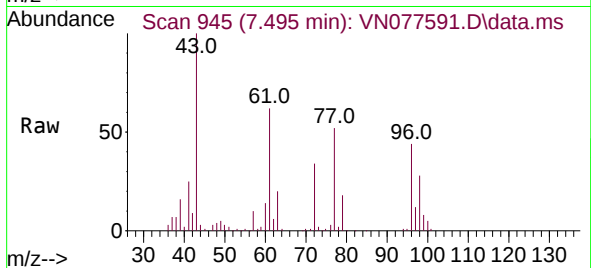
VN0505WBS01

Tgt Ion: 77 Resp: 219143

Ion Ratio Lower Upper

77 100

97 22.7 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 20.852 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

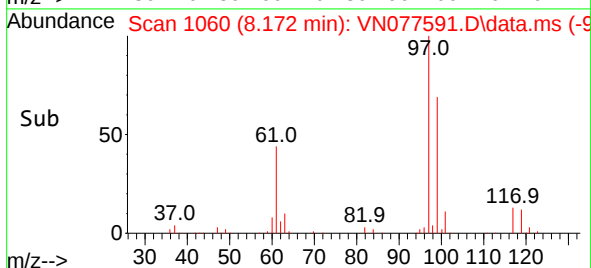
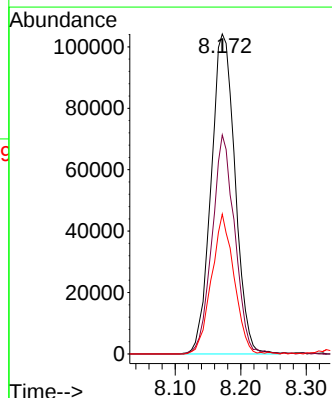
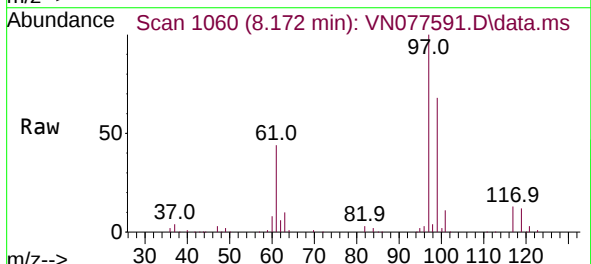
Tgt Ion: 97 Resp: 264280

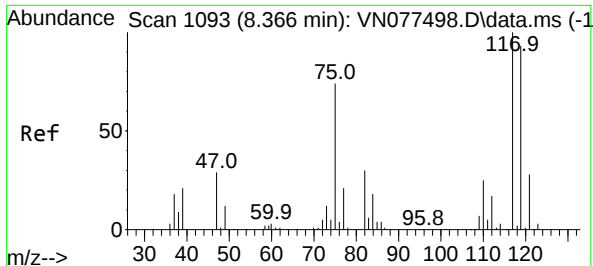
Ion Ratio Lower Upper

97 100

99 64.4 50.1 75.1

61 41.1 31.1 46.7

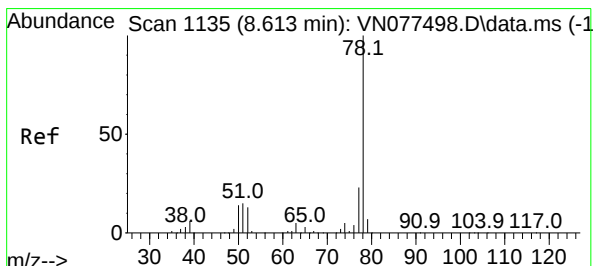
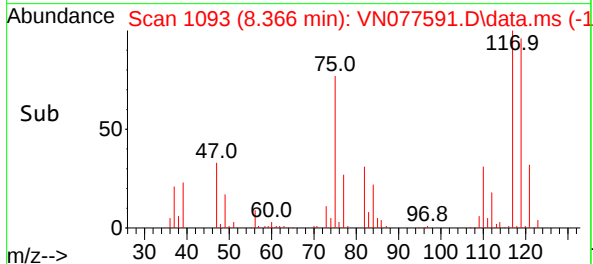
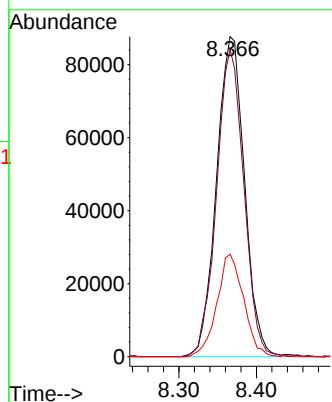
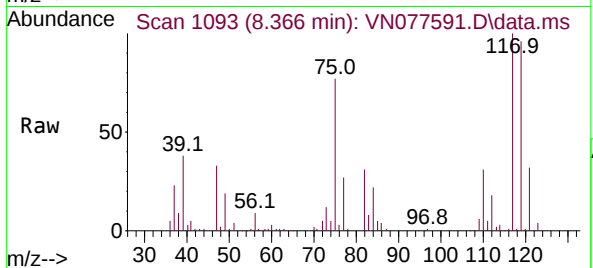




#33
Carbon Tetrachloride
Concen: 20.003 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

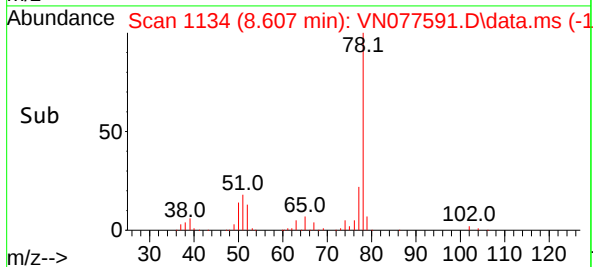
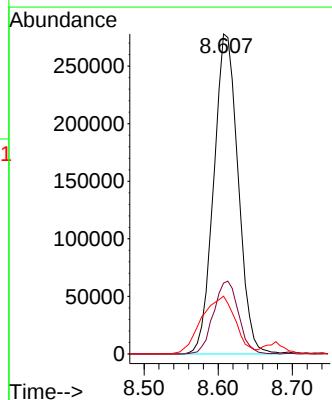
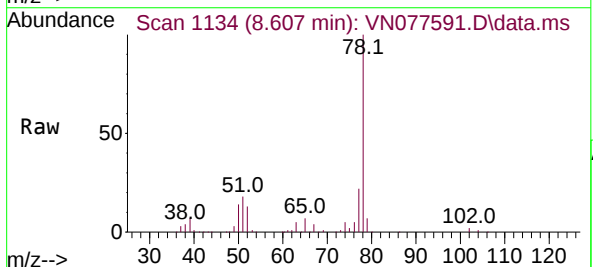
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

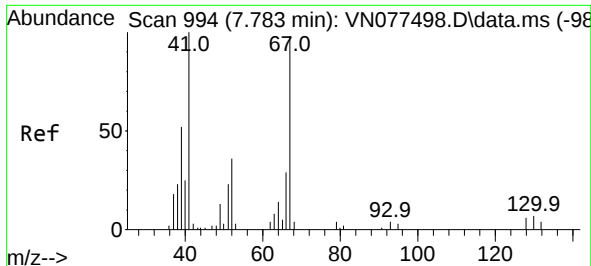
Tgt Ion:117 Resp: 220053
Ion Ratio Lower Upper
117 100
119 96.0 72.6 109.0
121 32.0 24.3 36.5



#34
Benzene
Concen: 21.060 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 78 Resp: 635952
Ion Ratio Lower Upper
78 100
77 22.1 17.1 25.7
51 17.4 11.3 16.9#

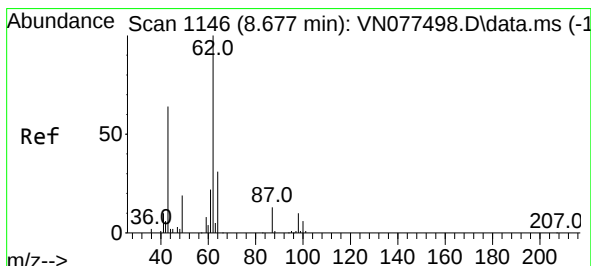
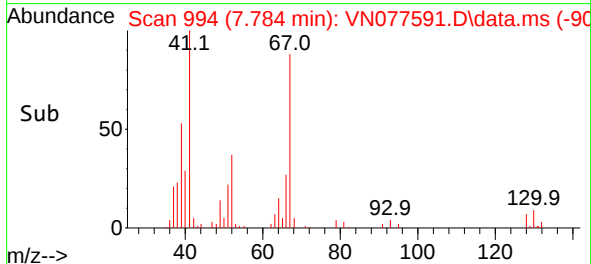
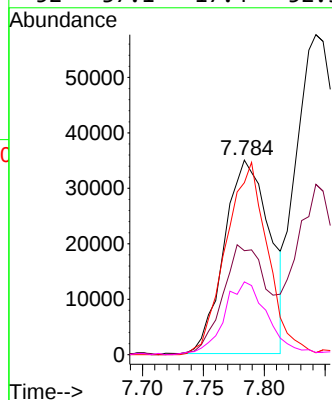
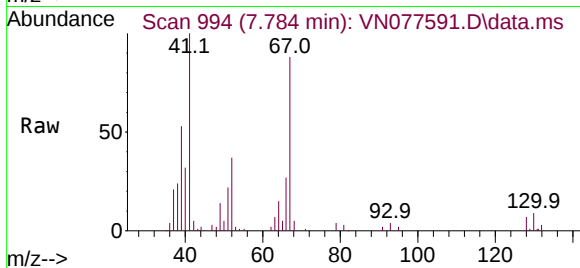




#35
Methacrylonitrile
Concen: 24.691 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

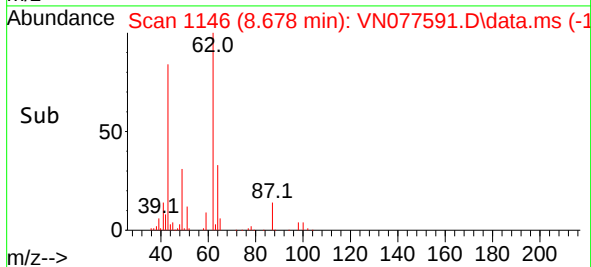
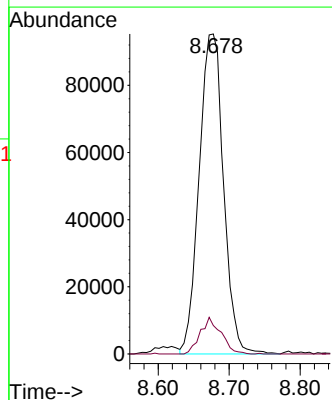
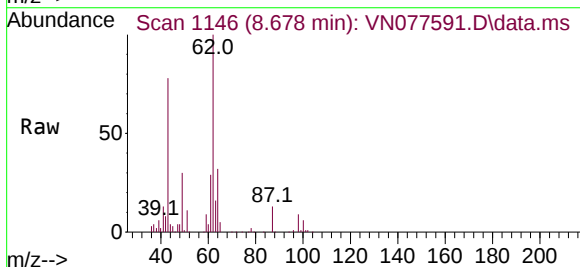
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

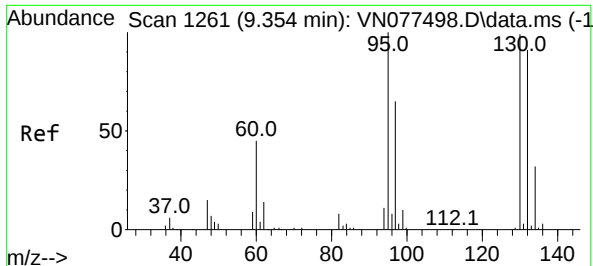
Tgt Ion:	41	Resp:	90757
Ion	Ratio	Lower	Upper
41	100		
39	53.2	25.9	77.8
67	89.0	48.1	144.4
52	37.1	17.4	52.3



#36
1,2-Dichloroethane
Concen: 22.095 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion:	62	Resp:	227861
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.0	12.0





#37

Trichloroethene

Concen: 20.081 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

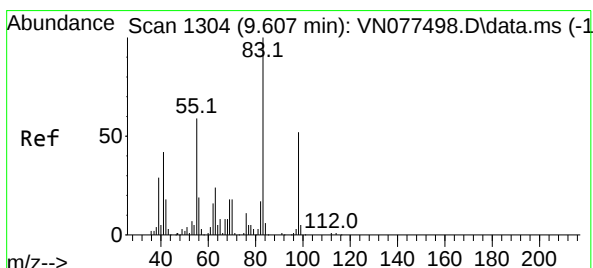
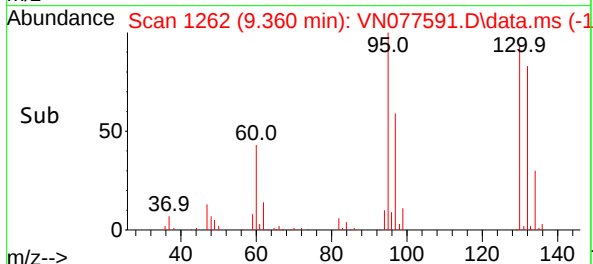
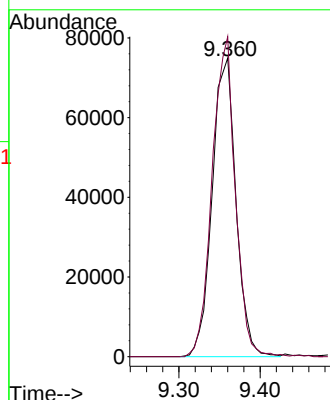
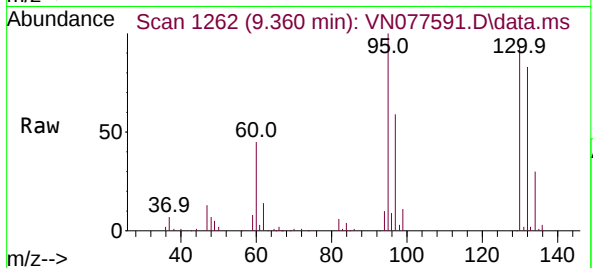
VN0505WBS01

Tgt Ion:130 Resp: 153263

Ion Ratio Lower Upper

130 100

95 107.1 87.1 130.7



#38

Methylcyclohexane

Concen: 18.773 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

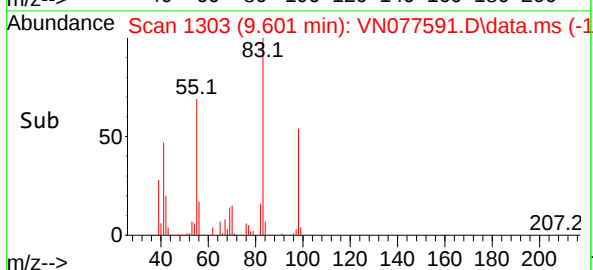
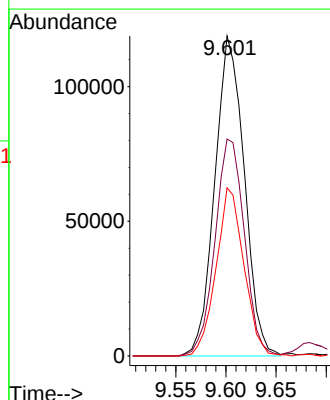
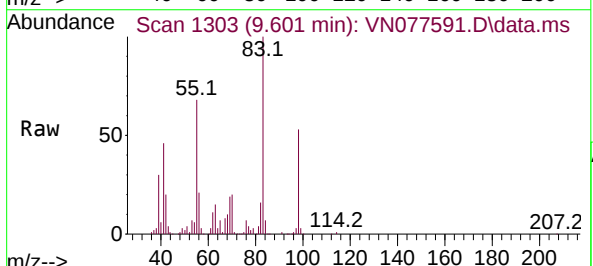
Tgt Ion: 83 Resp: 242184

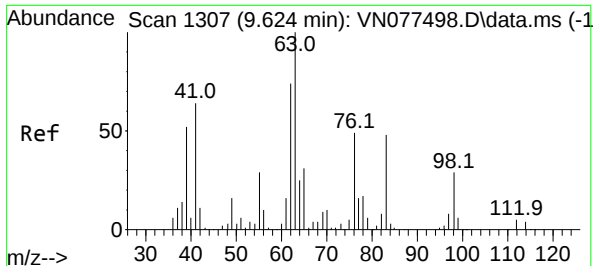
Ion Ratio Lower Upper

83 100

55 67.7 29.6 88.9

98 49.8 25.1 75.3





#39

1,2-Dichloropropane

Concen: 21.961 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

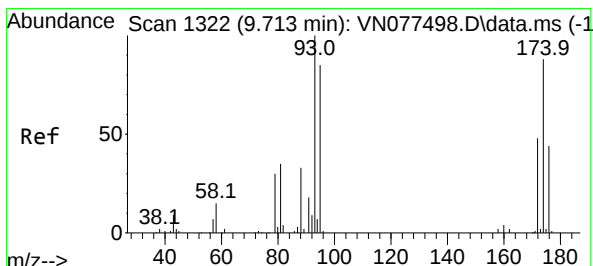
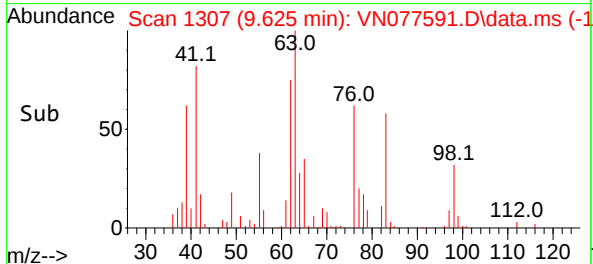
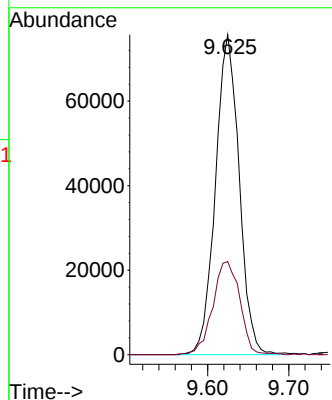
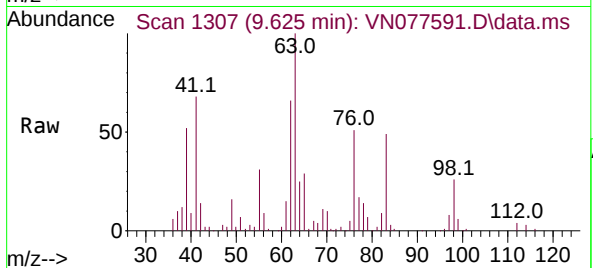
VN0505WBS01

Tgt Ion: 63 Resp: 153595

Ion Ratio Lower Upper

63 100

65 28.9 24.1 36.1



#40

Dibromomethane

Concen: 20.835 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

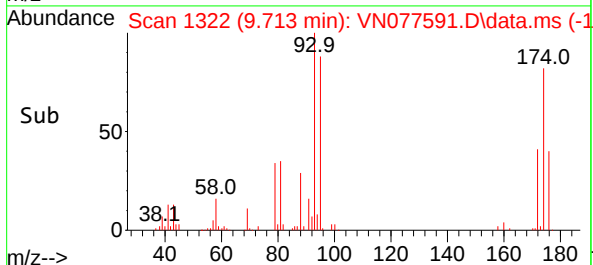
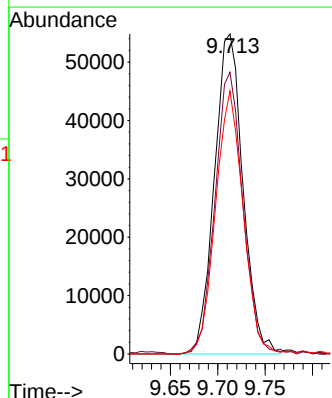
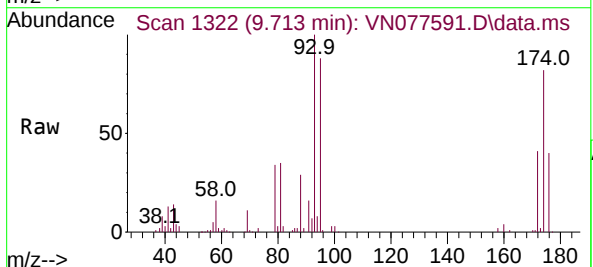
Tgt Ion: 93 Resp: 114923

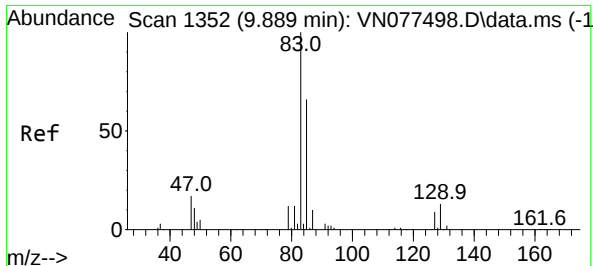
Ion Ratio Lower Upper

93 100

95 85.5 0.0 171.0

174 79.3 0.0 164.2

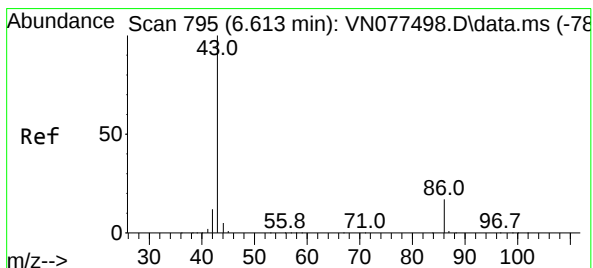
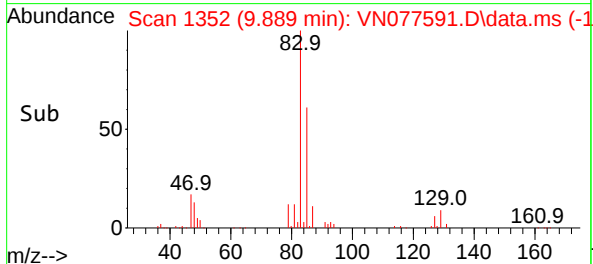
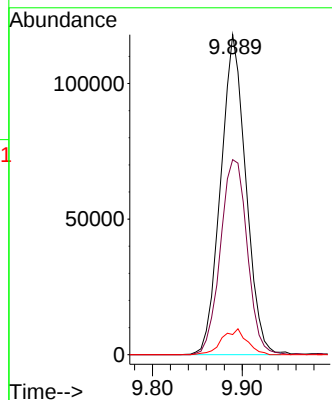
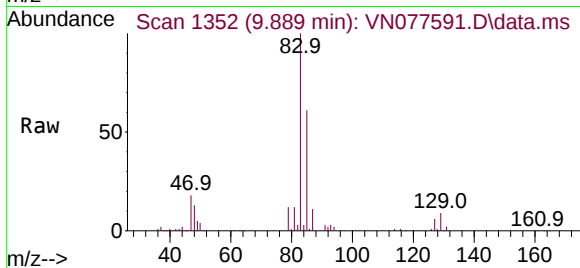




#41
Bromodichloromethane
Concen: 21.080 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

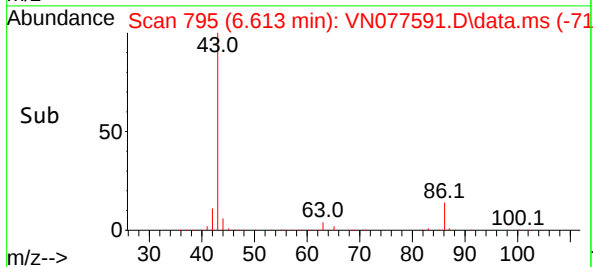
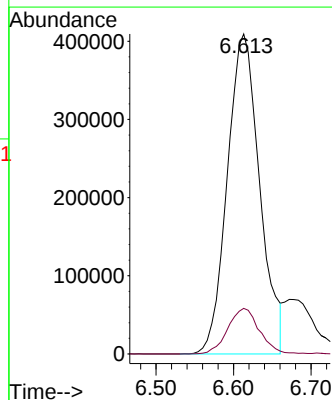
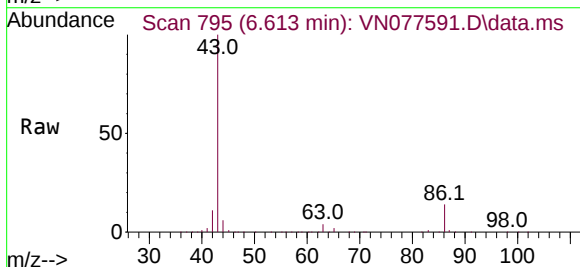
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

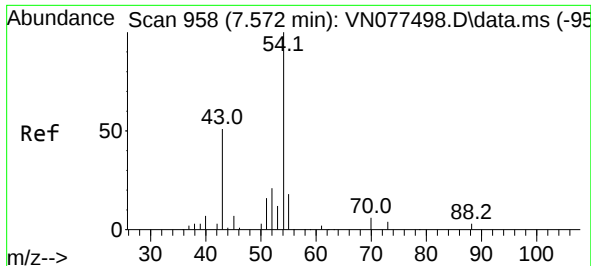
Tgt Ion: 83 Resp: 229640
Ion Ratio Lower Upper
83 100
85 60.9 49.2 73.8
127 6.3 6.1 9.1



#42
Vinyl Acetate
Concen: 105.171 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 43 Resp: 1192425
Ion Ratio Lower Upper
43 100
86 13.9 12.6 18.8

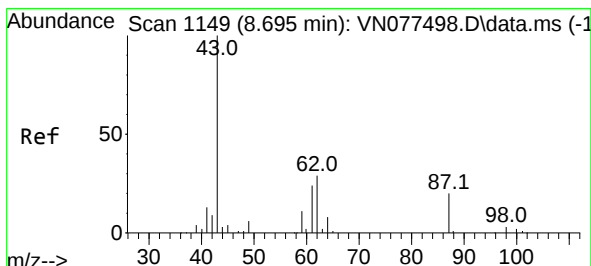
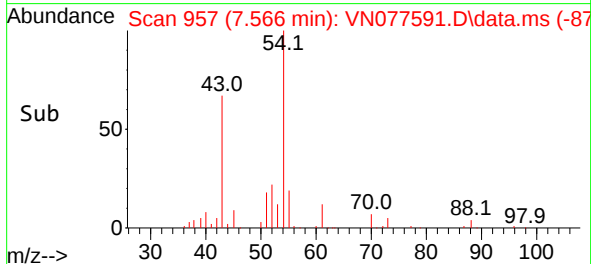
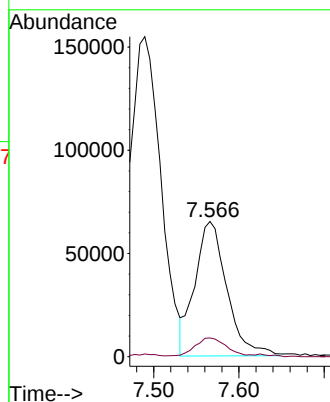
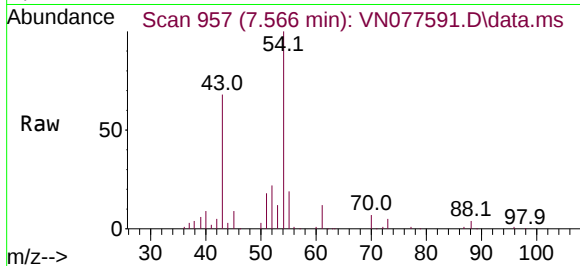




#43
Ethyl Acetate
Concen: 24.432 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

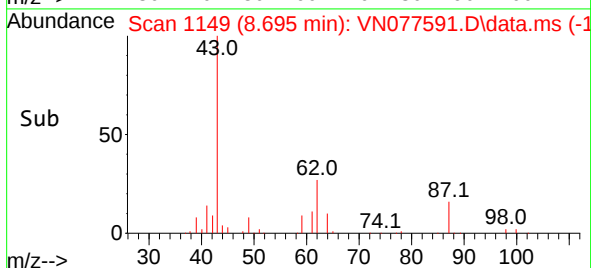
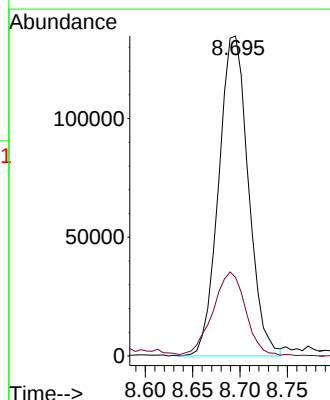
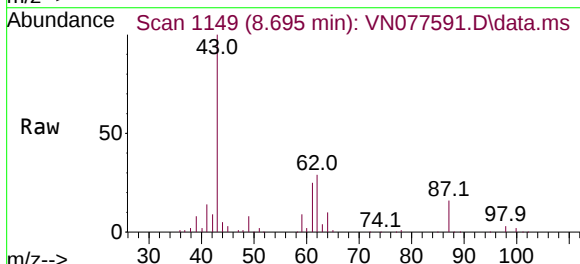
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

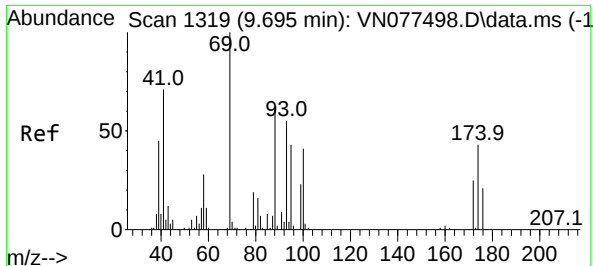
Tgt Ion: 43 Resp: 170250
Ion Ratio Lower Upper
43 100
45 13.7 4.8 7.2#



#44
Isopropyl Acetate
Concen: 23.815 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 43 Resp: 293964
Ion Ratio Lower Upper
43 100
61 29.1 27.2 40.8

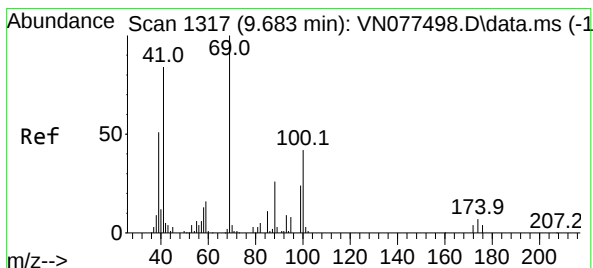
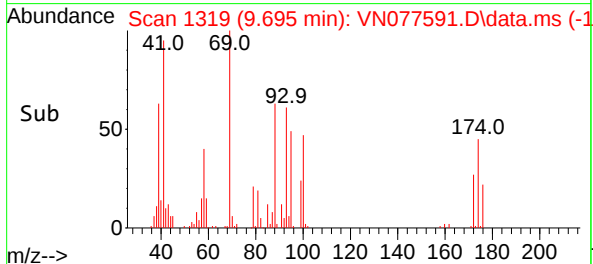
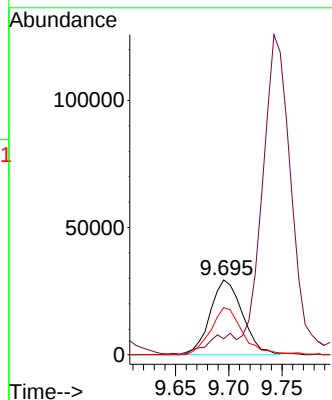
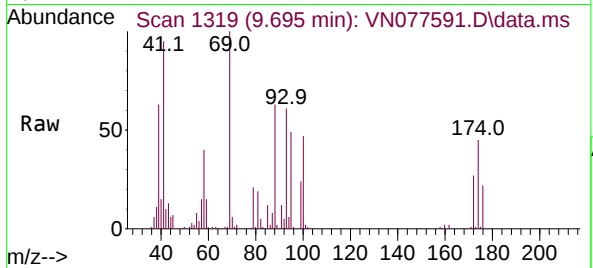




#45
1,4-Dioxane
Concen: 412.877 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

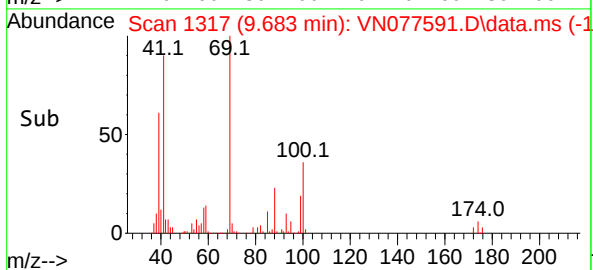
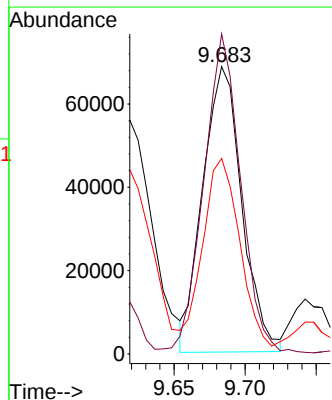
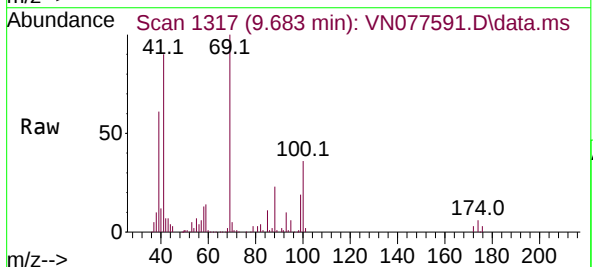
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

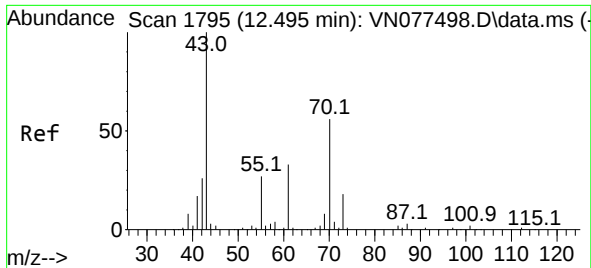
Tgt Ion: 88 Resp: 61806
Ion Ratio Lower Upper
88 100
43 15.2 16.6 24.8#
58 61.4 47.3 70.9



#46
Methyl methacrylate
Concen: 23.316 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 41 Resp: 130983
Ion Ratio Lower Upper
41 100
69 116.2 59.2 177.6
39 67.2 33.4 100.1

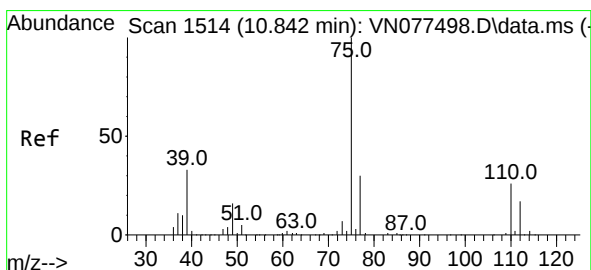
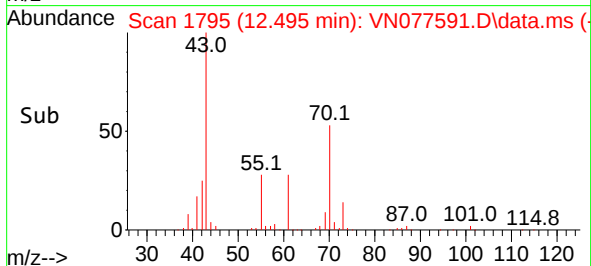
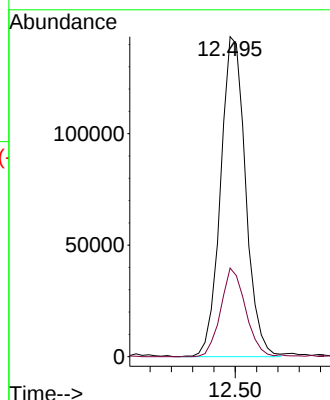
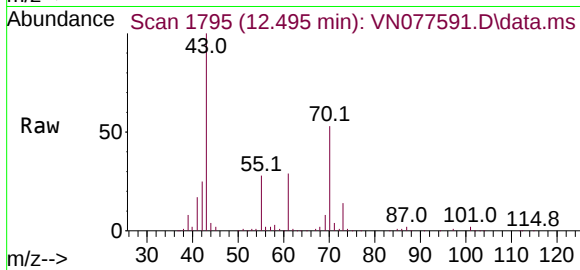




#47
n-amyl acetate
Concen: 23.644 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

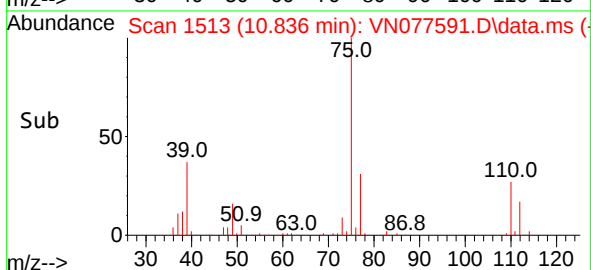
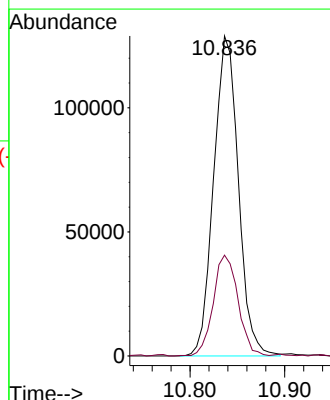
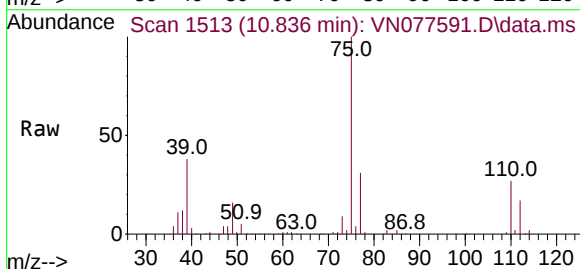
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

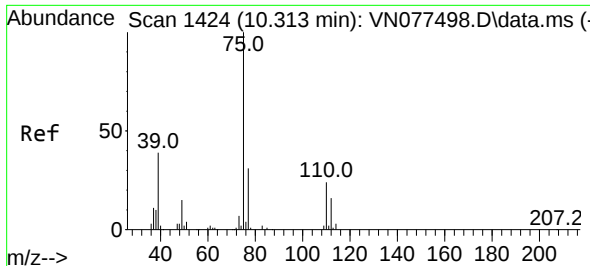
Tgt Ion: 43 Resp: 233953
Ion Ratio Lower Upper
43 100
55 27.4 22.2 33.2



#48
t-1,3-Dichloropropene
Concen: 21.055 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 75 Resp: 233523
Ion Ratio Lower Upper
75 100
77 31.4 23.9 35.9

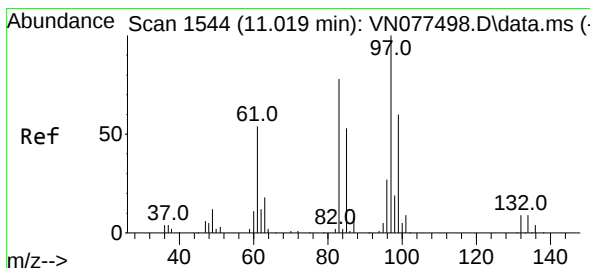
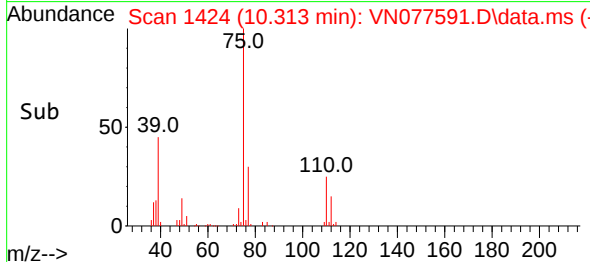
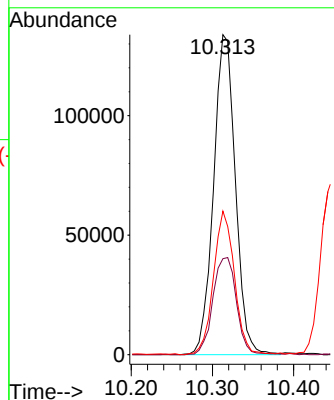
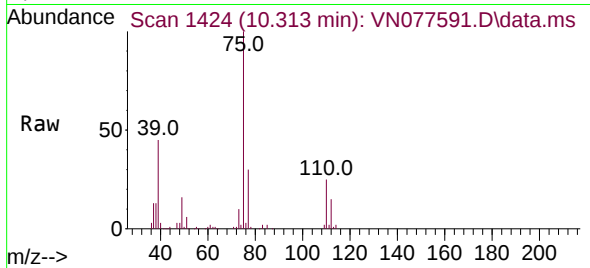




#49
 cis-1,3-Dichloropropene
 Concen: 20.913 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077591.D
 Acq: 05 May 2023 14:20

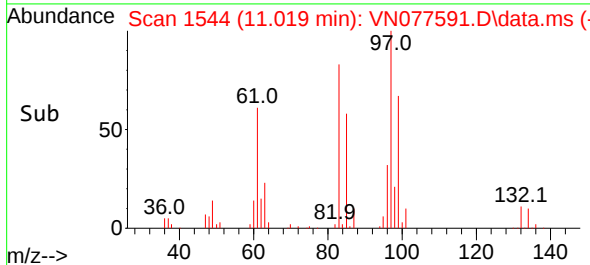
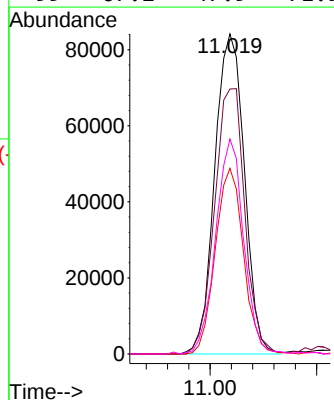
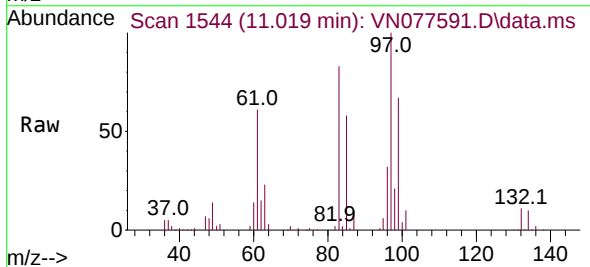
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

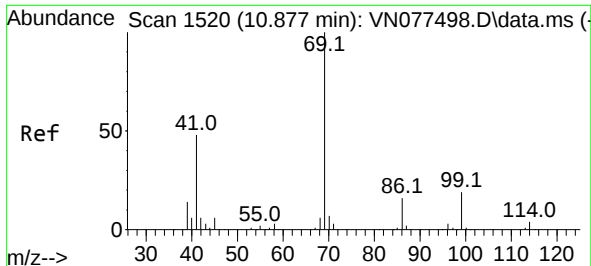
Tgt Ion: 75 Resp: 250375
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8
 39 44.9 28.5 42.7#



#50
 1,1,2-Trichloroethane
 Concen: 20.767 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077591.D
 Acq: 05 May 2023 14:20

Tgt Ion: 97 Resp: 162604
 Ion Ratio Lower Upper
 97 100
 83 82.8 67.0 100.6
 85 58.0 41.6 62.4
 99 67.2 47.9 71.9

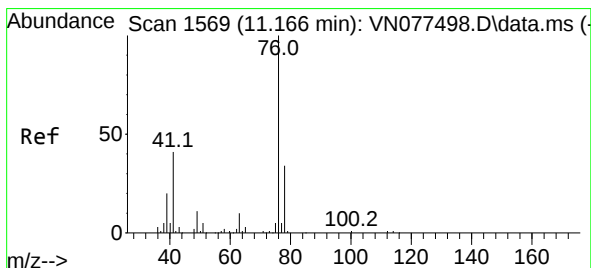
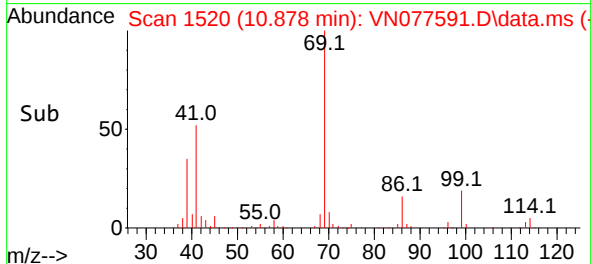
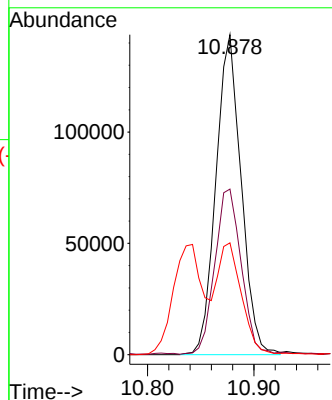
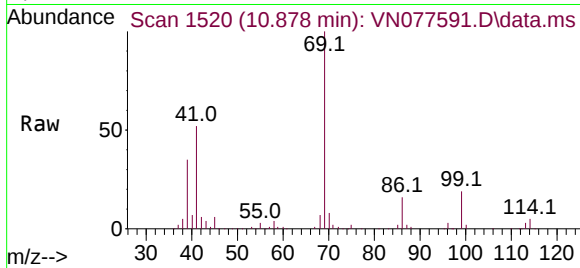




#51
Ethyl methacrylate
Concen: 21.806 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

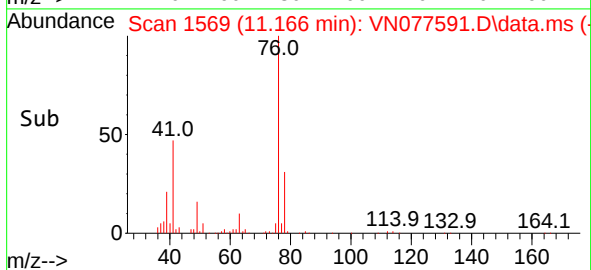
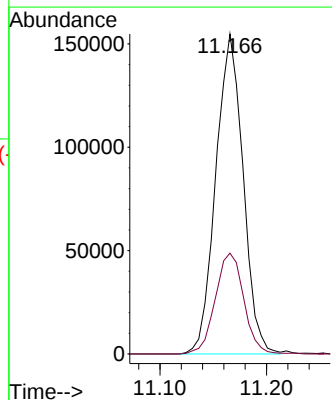
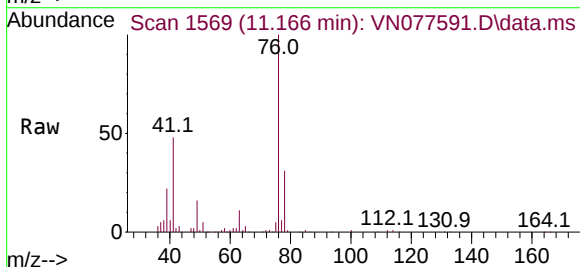
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

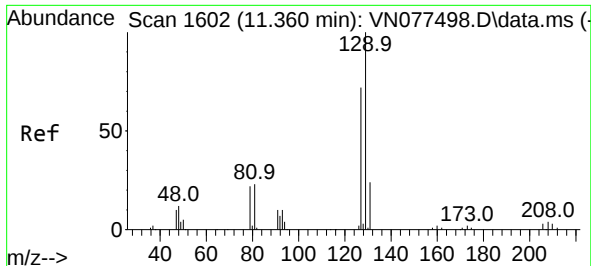
Tgt Ion: 69 Resp: 236382
Ion Ratio Lower Upper
69 100
41 51.6 22.5 67.5
39 34.5 16.2 48.5



#52
1,3-Dichloropropane
Concen: 21.666 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 76 Resp: 275281
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.4

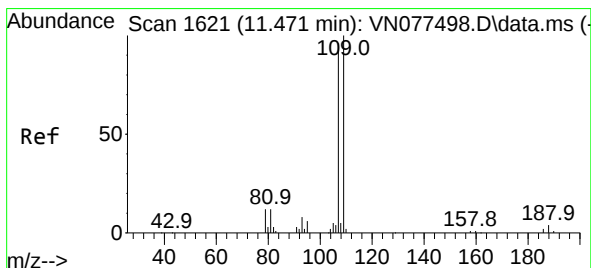
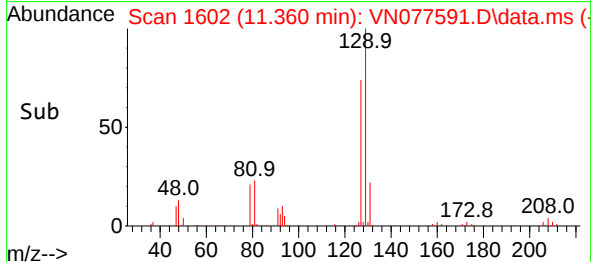
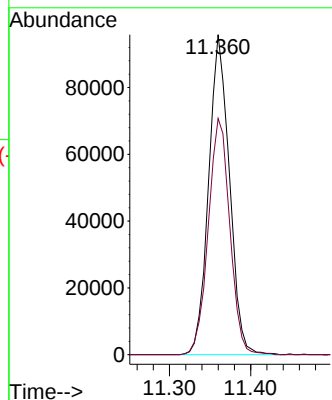
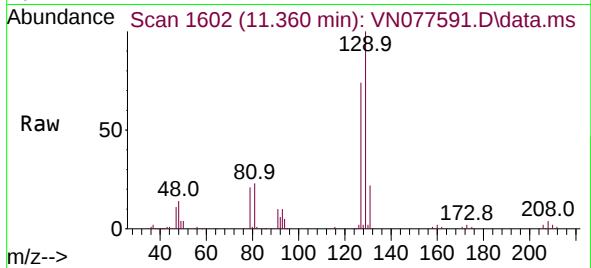




#53
Dibromochloromethane
Concen: 21.099 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

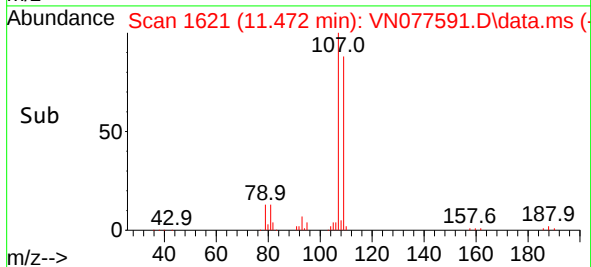
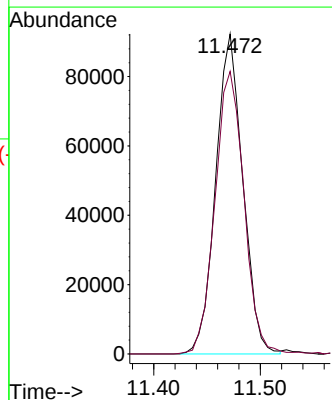
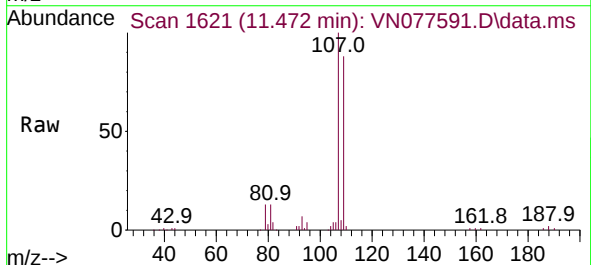
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

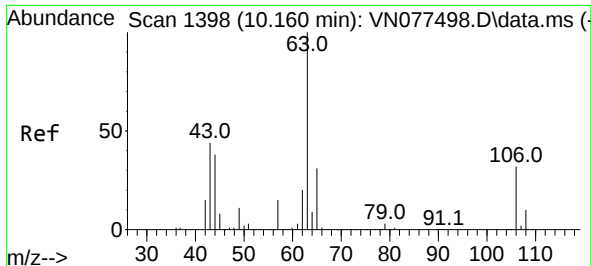
Tgt Ion:129 Resp: 170085
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6



#54
1,2-Dibromoethane
Concen: 20.348 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion:107 Resp: 163046
Ion Ratio Lower Upper
107 100
109 94.3 73.8 110.6

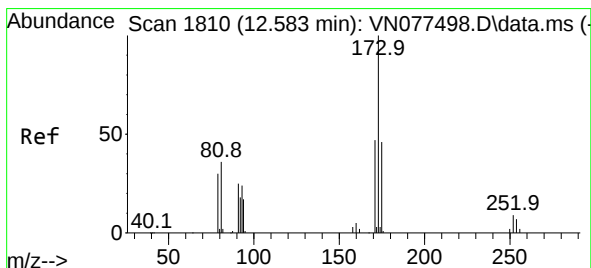
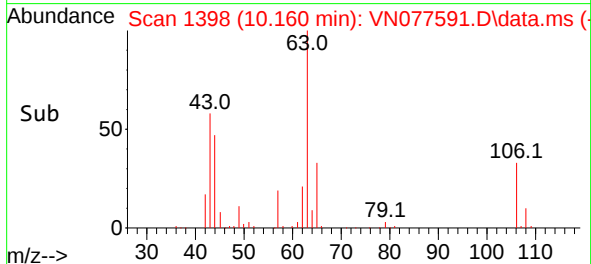
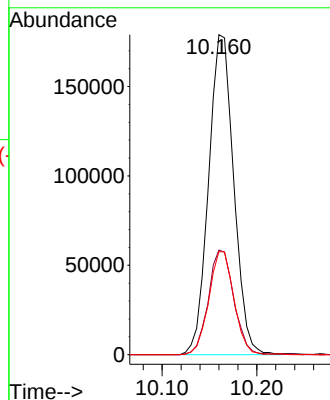
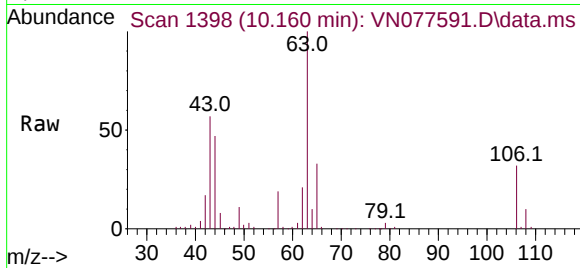




#55
2-Chloroethyl vinyl ether
Concen: 92.818 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

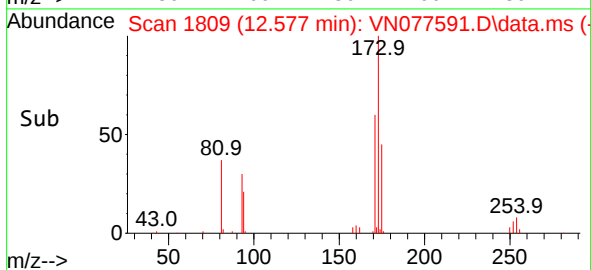
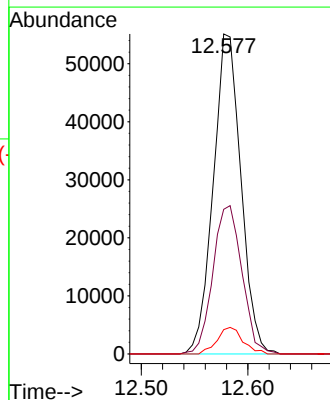
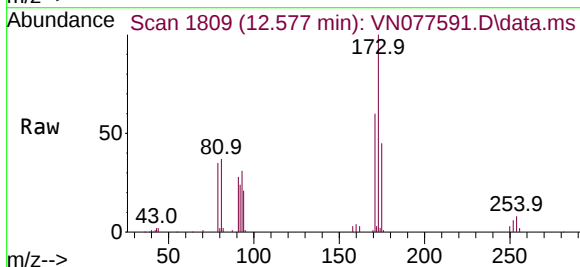
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

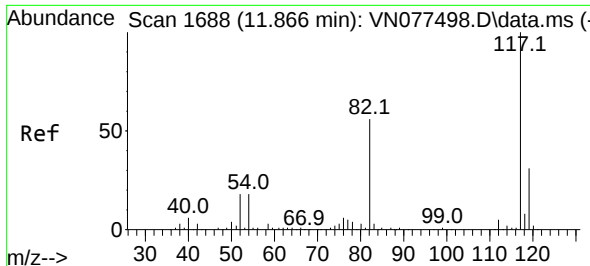
Tgt Ion: 63 Resp: 330171
Ion Ratio Lower Upper
63 100
65 33.1 25.8 38.6
106 32.0 26.2 39.2



#56
Bromoform
Concen: 19.766 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion:173 Resp: 99385
Ion Ratio Lower Upper
173 100
175 48.6 40.3 60.5
254 7.8 5.0 7.6#

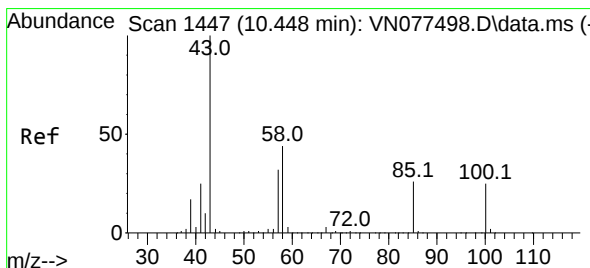
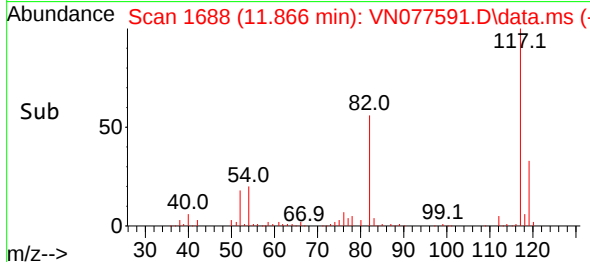
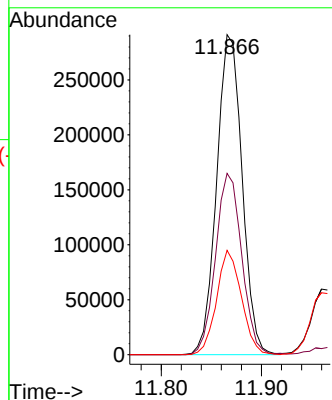
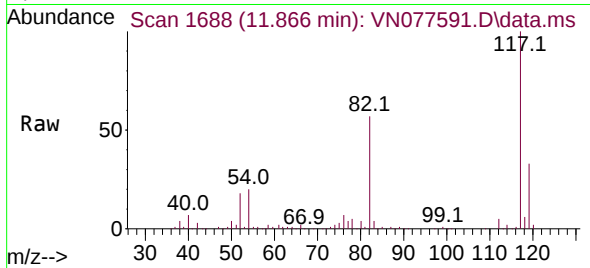




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

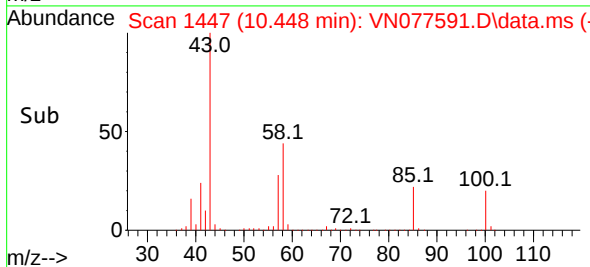
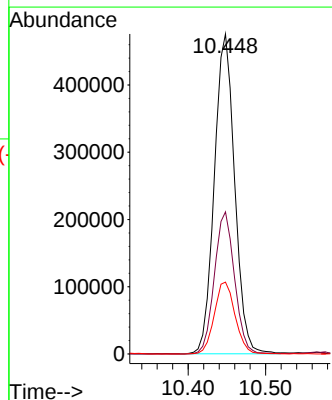
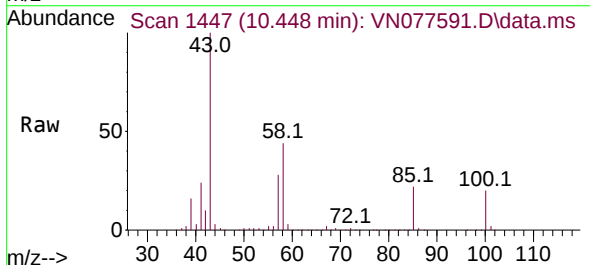
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

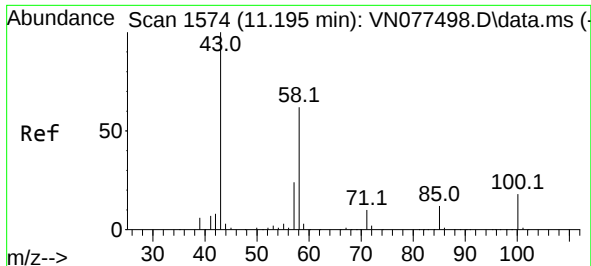
Tgt Ion:117 Resp: 514057
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 31.8 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 117.224 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 43 Resp: 867831
Ion Ratio Lower Upper
43 100
58 44.0 37.2 55.8
85 23.0 21.1 31.7

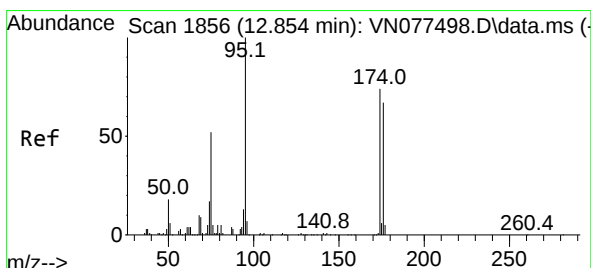
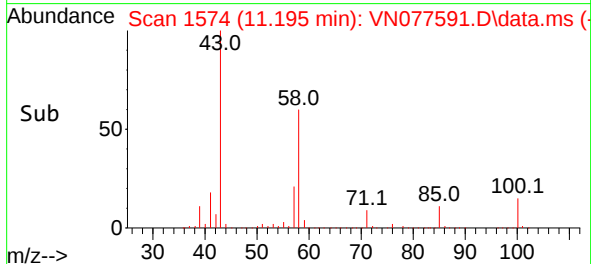
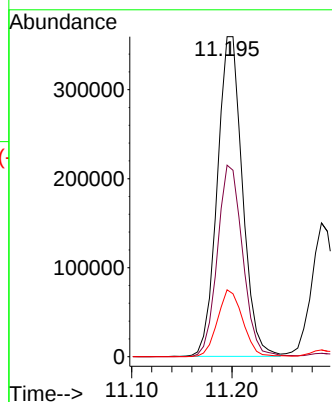
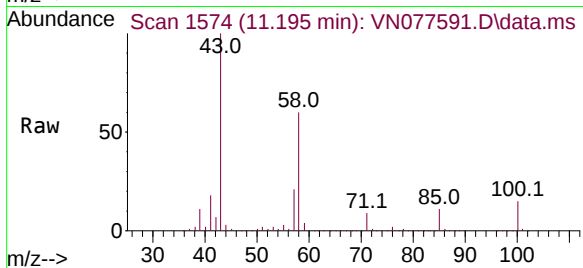




#59
2-Hexanone
Concen: 114.787 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

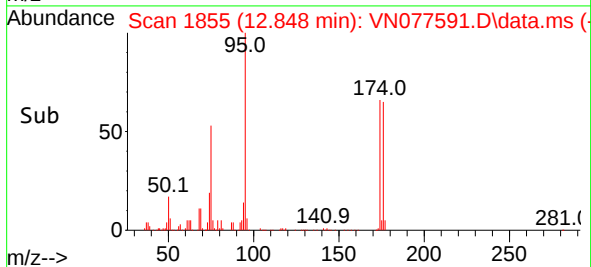
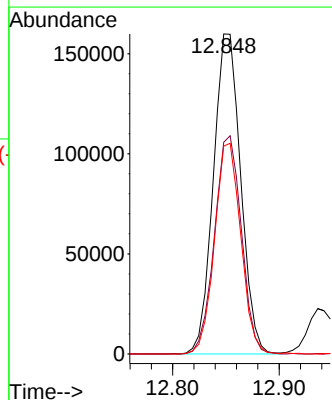
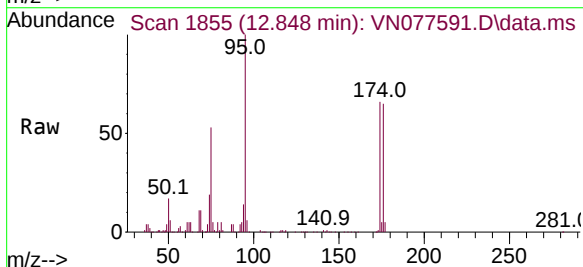
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

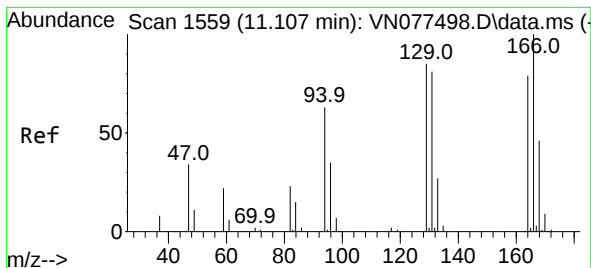
Tgt Ion: 43 Resp: 626082
Ion Ratio Lower Upper
43 100
58 60.1 51.8 77.8
57 21.0 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 31.627 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 95 Resp: 284838
Ion Ratio Lower Upper
95 100
174 67.0 55.9 83.9
176 63.2 53.9 80.9





#61

Tetrachloroethene

Concen: 19.451 ug/l

RT: 11.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

Tgt Ion:164 Resp: 116788

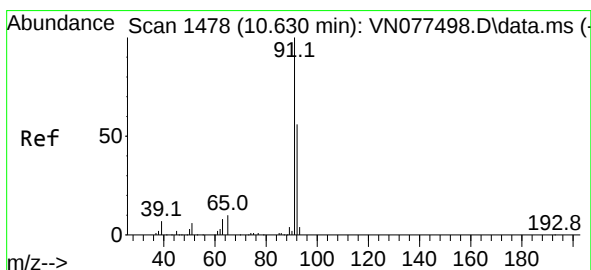
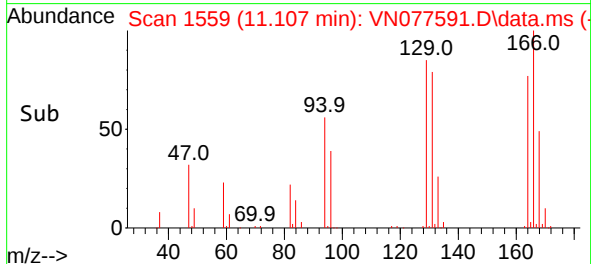
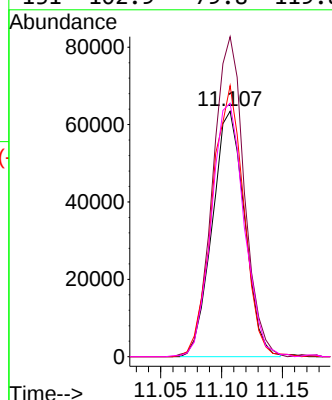
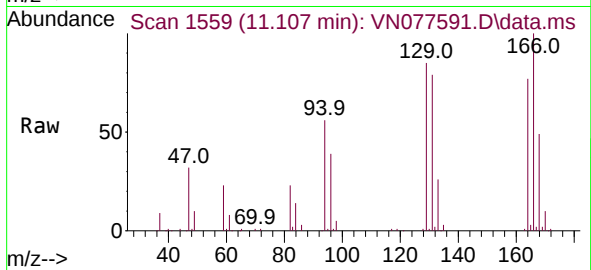
Ion Ratio Lower Upper

164 100

166 129.6 94.5 141.7

129 109.9 80.2 120.2

131 102.9 79.8 119.8



#62

Toluene

Concen: 20.312 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077591.D

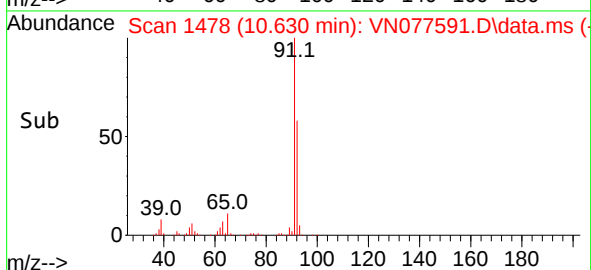
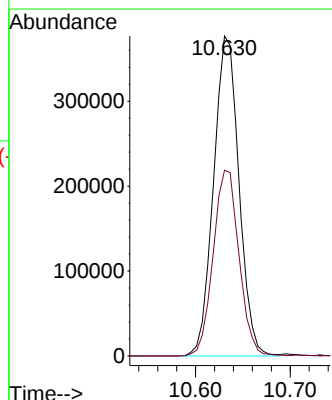
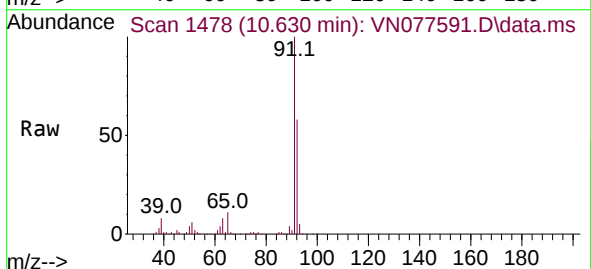
Acq: 05 May 2023 14:20

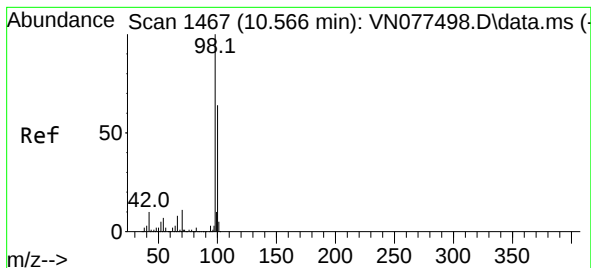
Tgt Ion: 91 Resp: 702257

Ion Ratio Lower Upper

91 100

92 59.0 46.1 69.1





#63

Toluene-d8

Concen: 29.964 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

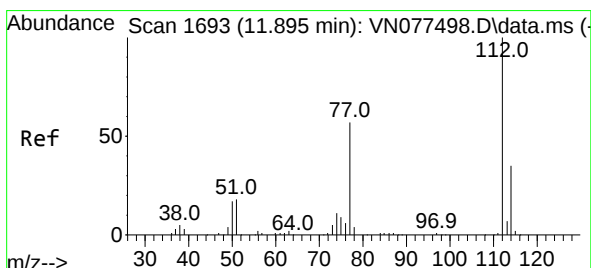
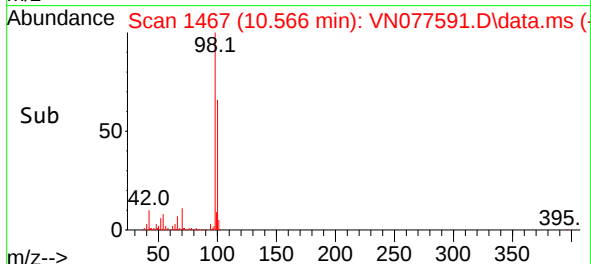
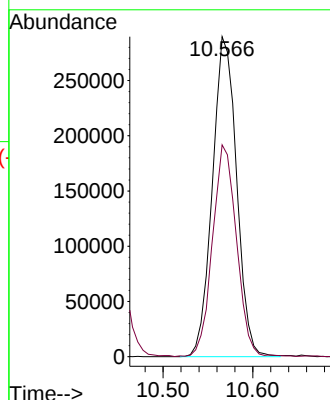
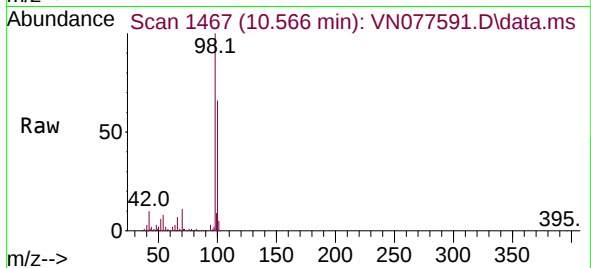
VN0505WBS01

Tgt Ion: 98 Resp: 542766

Ion Ratio Lower Upper

98 100

100 64.8 51.0 76.4



#64

Chlorobenzene

Concen: 19.992 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VN077591.D

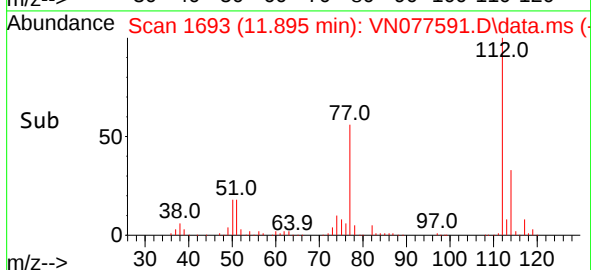
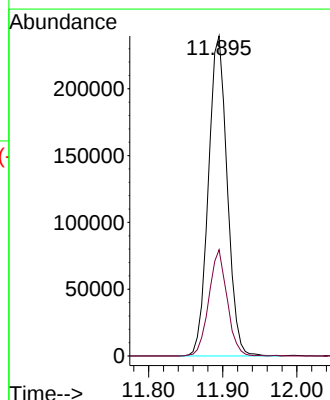
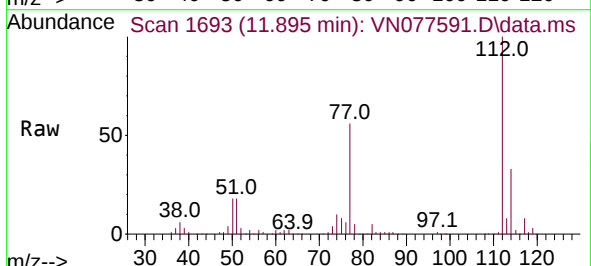
Acq: 05 May 2023 14:20

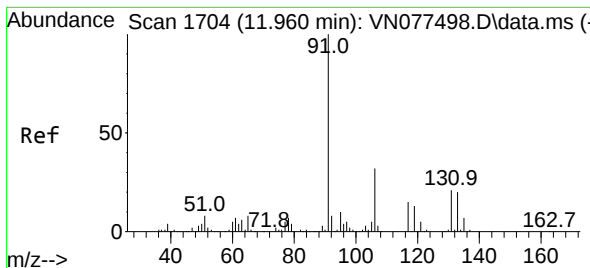
Tgt Ion: 112 Resp: 422251

Ion Ratio Lower Upper

112 100

114 33.2 23.9 35.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.641 ug/l

RT: 11.960 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

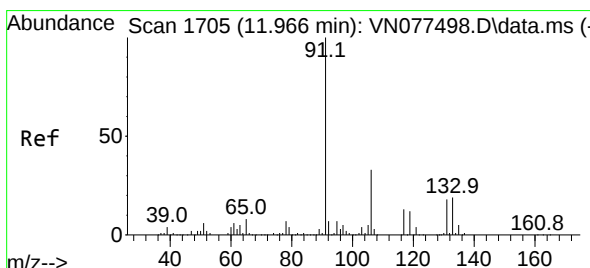
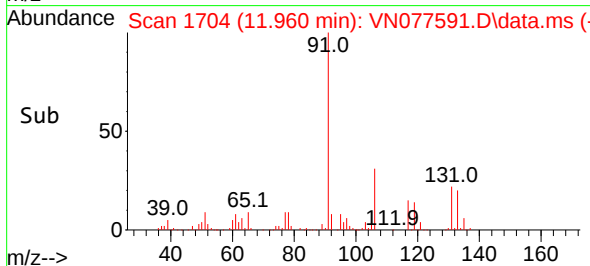
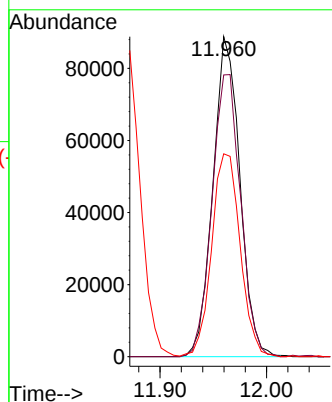
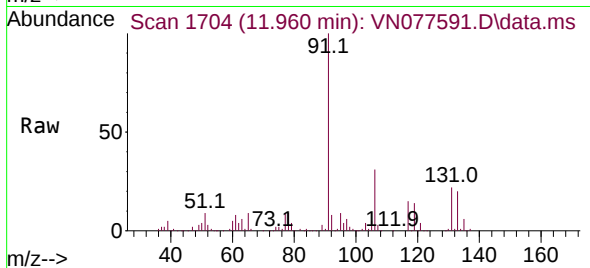
Tgt Ion:131 Resp: 155794

Ion Ratio Lower Upper

131 100

133 93.6 0.0 191.4

119 67.0 0.0 137.2



#66

Ethyl Benzene

Concen: 20.627 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077591.D

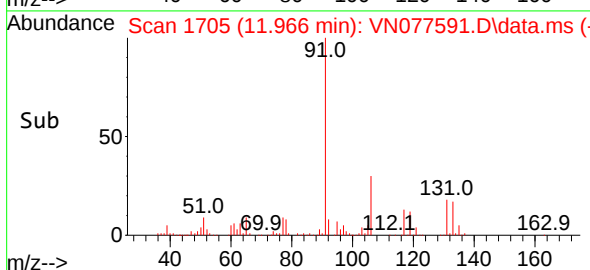
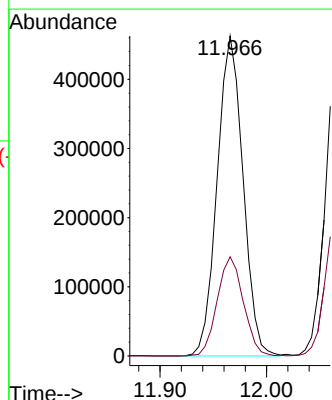
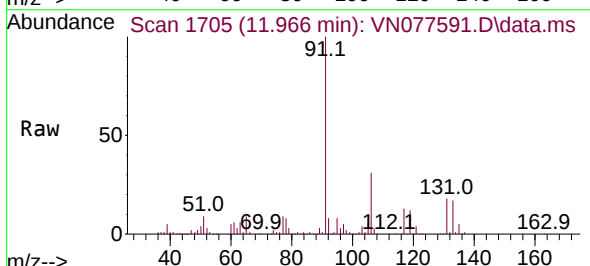
Acq: 05 May 2023 14:20

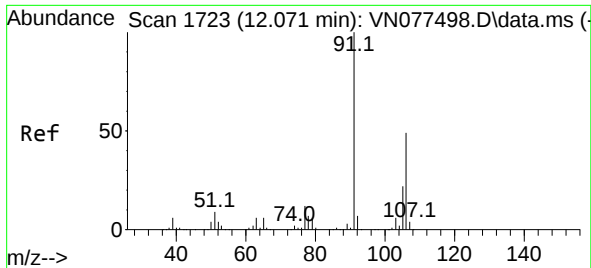
Tgt Ion: 91 Resp: 778669

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3

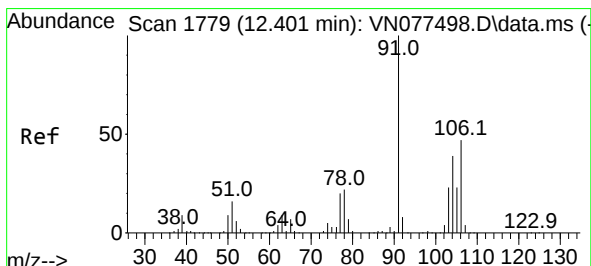
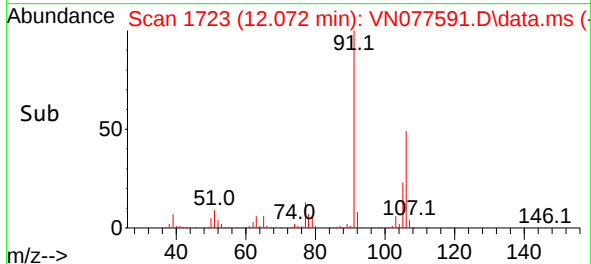
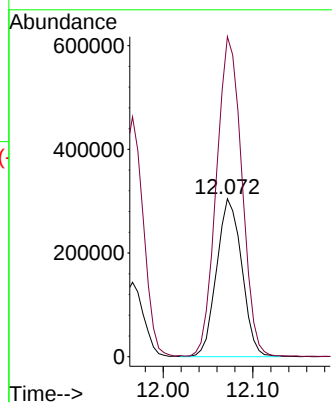
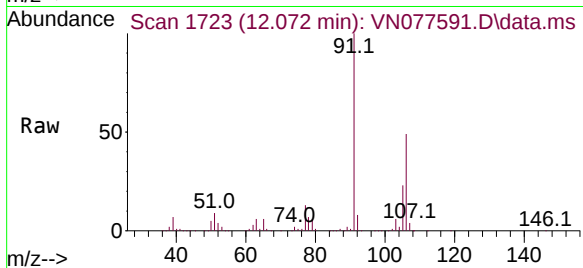




#67
m/p-Xylenes
Concen: 40.405 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

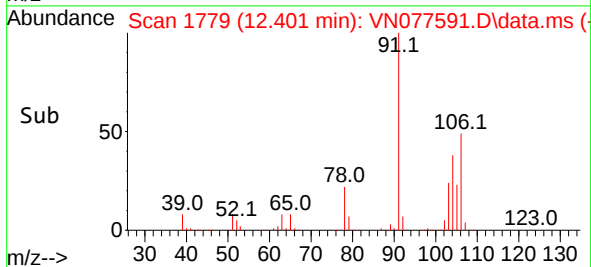
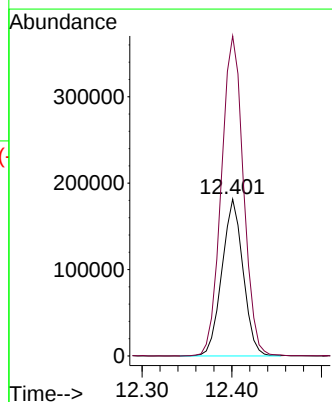
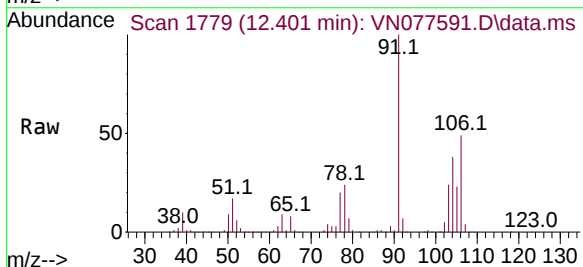
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

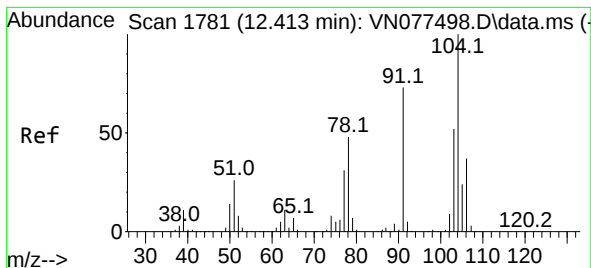
Tgt Ion:106 Resp: 593954
Ion Ratio Lower Upper
106 100
91 203.4 157.9 236.9



#68
o-Xylene
Concen: 20.370 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion:106 Resp: 297435
Ion Ratio Lower Upper
106 100
91 213.1 104.6 313.8





#69

Styrene

Concen: 20.806 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

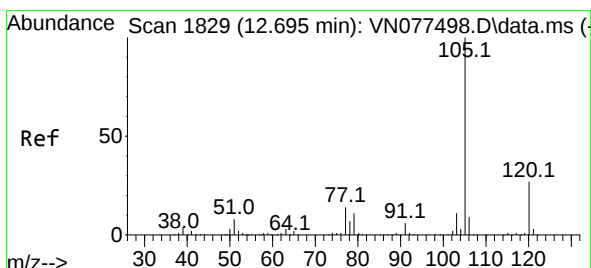
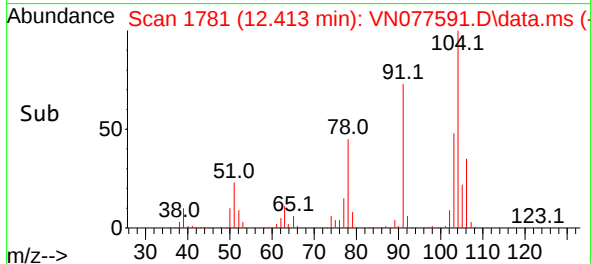
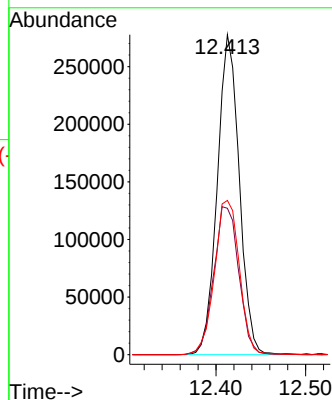
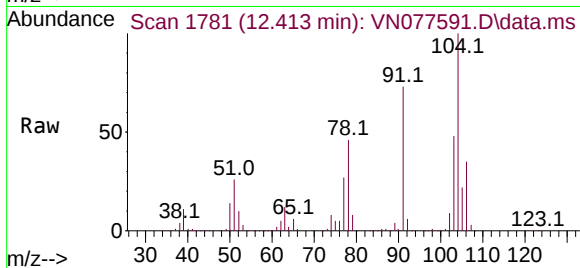
Tgt Ion:104 Resp: 472397

Ion Ratio Lower Upper

104 100

78 52.7 39.3 58.9

103 54.5 44.6 66.8



#70

Isopropylbenzene

Concen: 20.407 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077591.D

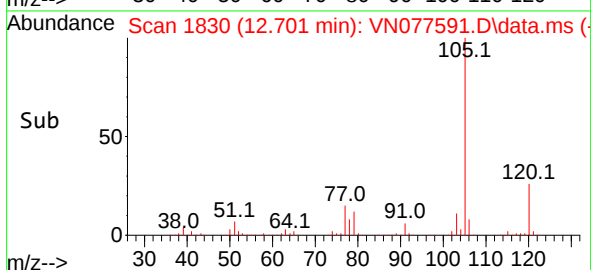
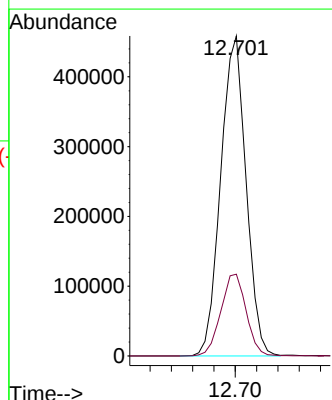
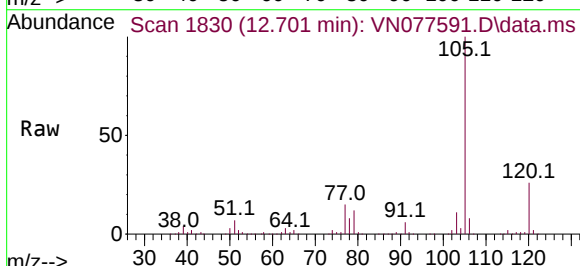
Acq: 05 May 2023 14:20

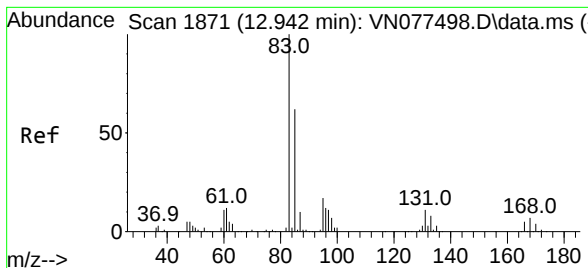
Tgt Ion:105 Resp: 756360

Ion Ratio Lower Upper

105 100

120 25.6 18.7 34.7

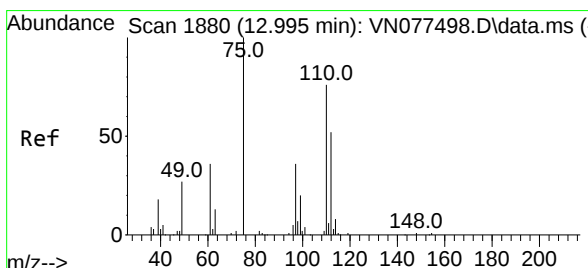
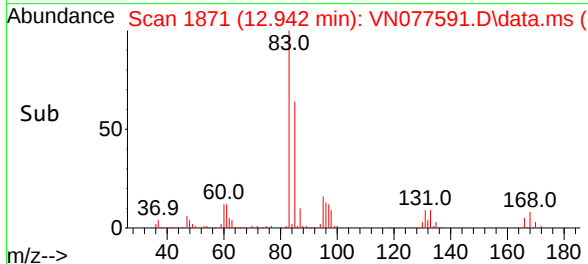
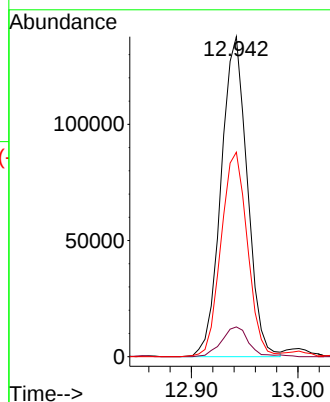
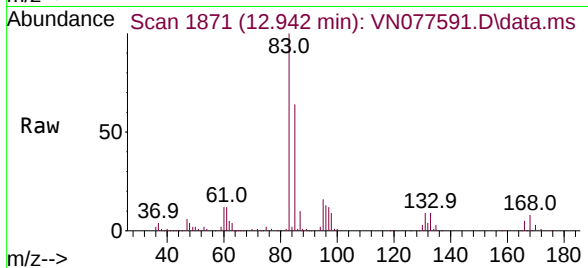




#71
1,1,2,2-Tetrachloroethane
Concen: 20.827 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

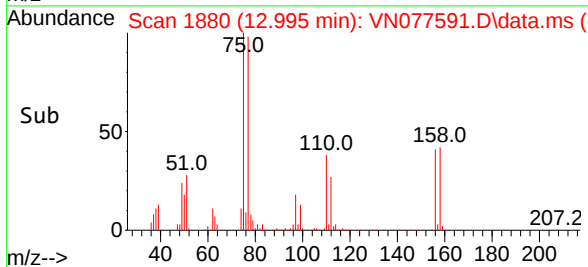
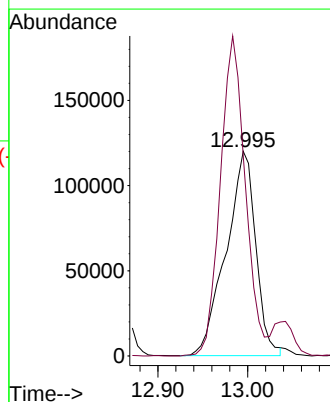
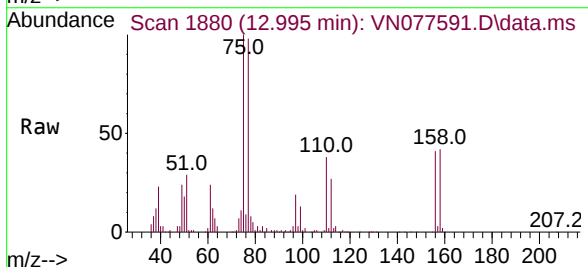
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

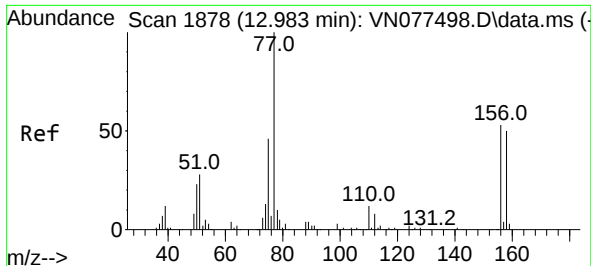
Tgt Ion: 83 Resp: 235138
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 64.3 31.6 94.8



#72
1,2,3-Trichloropropane
Concen: 28.738 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 75 Resp: 275988
Ion Ratio Lower Upper
75 100
77 130.7 0.0 367.2

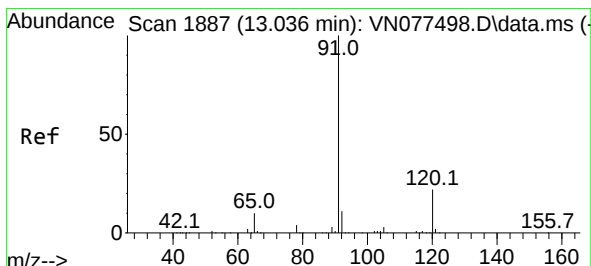
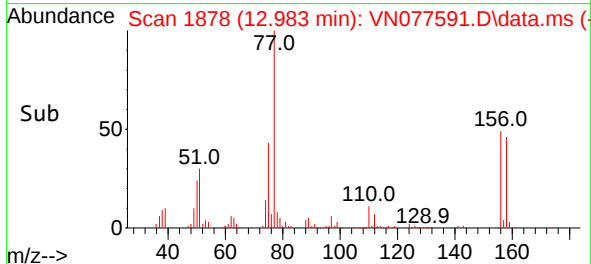
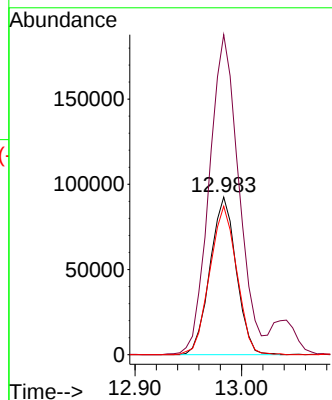
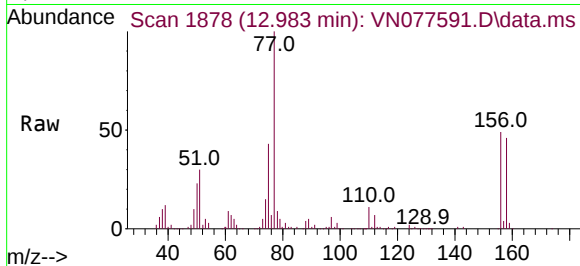




#73
Bromobenzene
Concen: 19.811 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

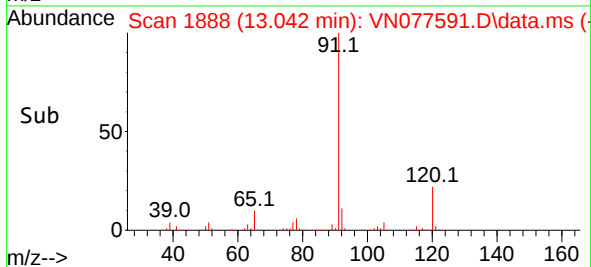
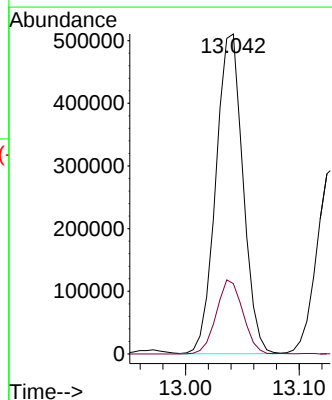
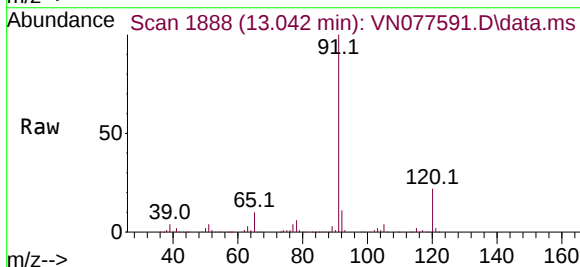
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

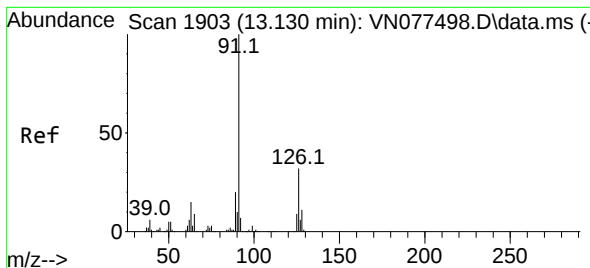
Tgt Ion:156 Resp: 157900
Ion Ratio Lower Upper
156 100
77 228.4 0.0 431.6
158 97.2 0.0 192.4



#74
n-propylbenzene
Concen: 20.517 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 91 Resp: 846197
Ion Ratio Lower Upper
91 100
120 22.7 0.0 46.4





#75

2-Chlorotoluene

Concen: 20.666 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

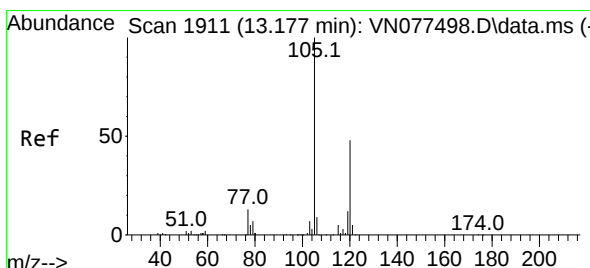
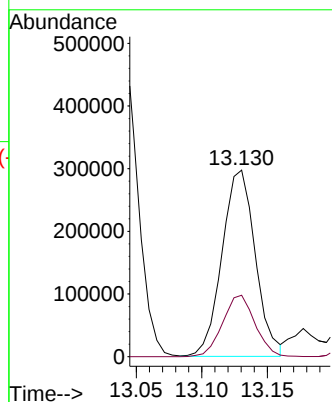
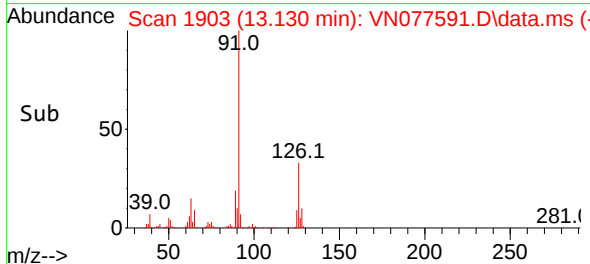
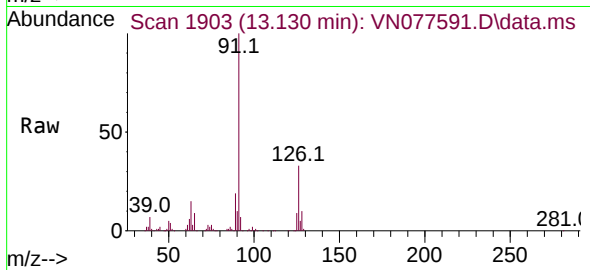
VN0505WBS01

Tgt Ion: 91 Resp: 525717

Ion Ratio Lower Upper

91 100

126 32.1 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 21.154 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077591.D

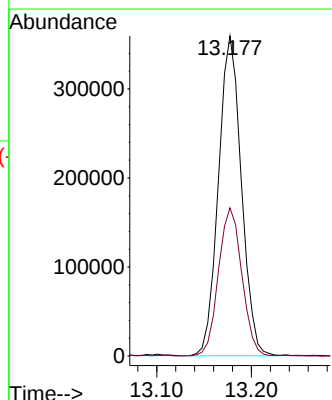
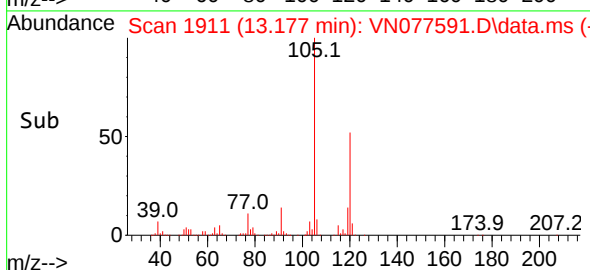
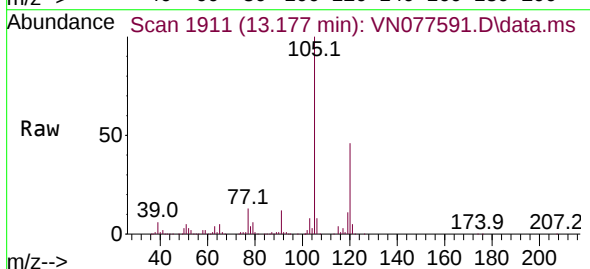
Acq: 05 May 2023 14:20

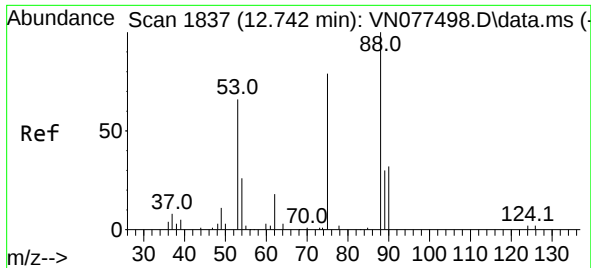
Tgt Ion: 105 Resp: 604377

Ion Ratio Lower Upper

105 100

120 47.1 0.0 93.8

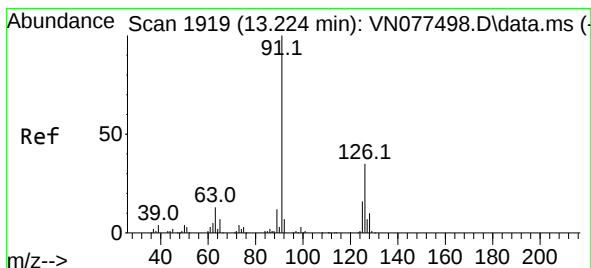
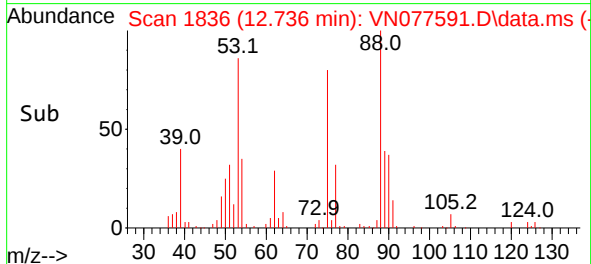
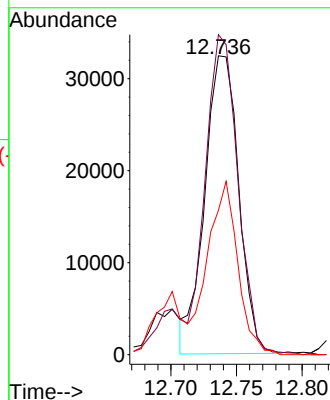
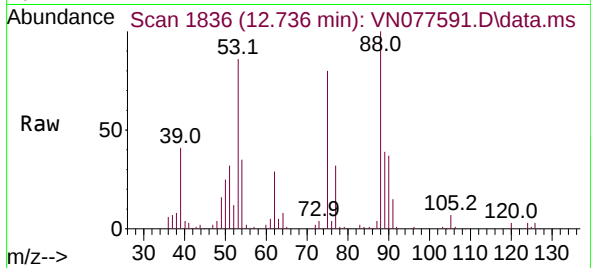




#77
t-1,4-Dichloro-2-butene
Concen: 18.427 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

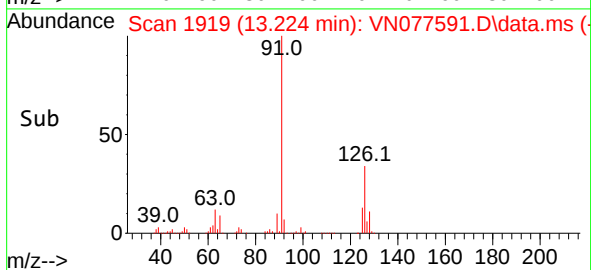
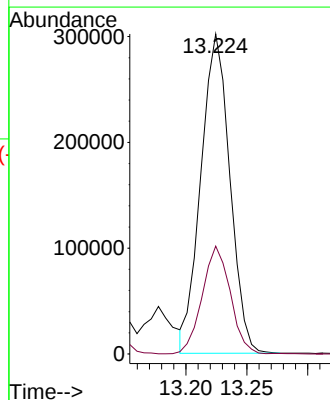
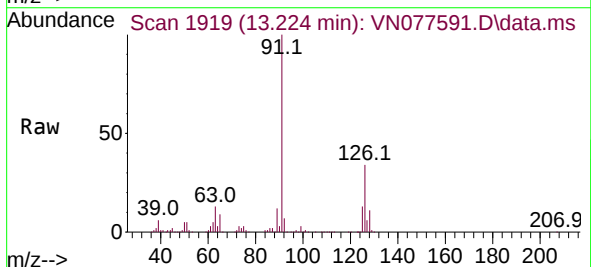
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

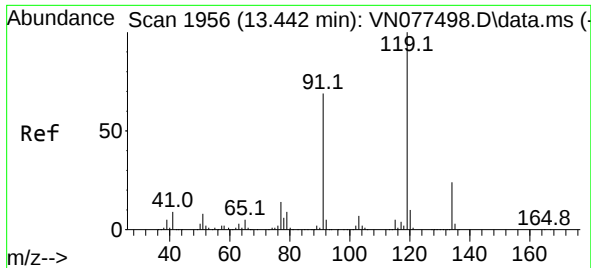
Tgt Ion: 75 Resp: 58450
Ion Ratio Lower Upper
75 100
53 106.8 38.2 114.6
89 48.6 22.1 66.1



#78
4-Chlorotoluene
Concen: 20.732 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 91 Resp: 499297
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.6

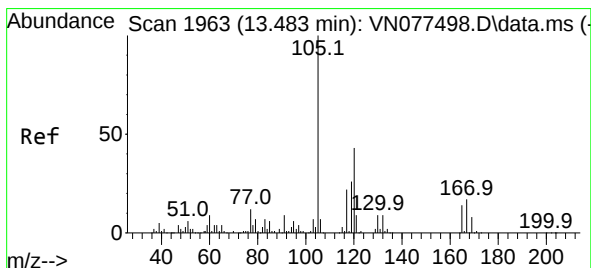
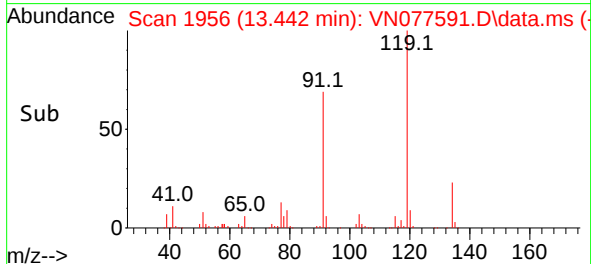
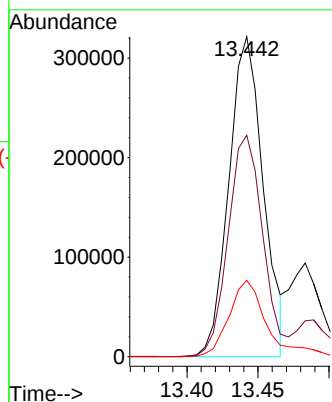
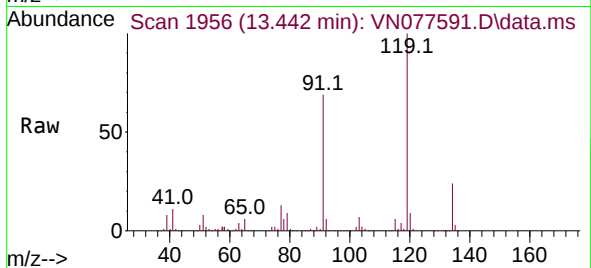




#79
tert-butylbenzene
Concen: 20.489 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

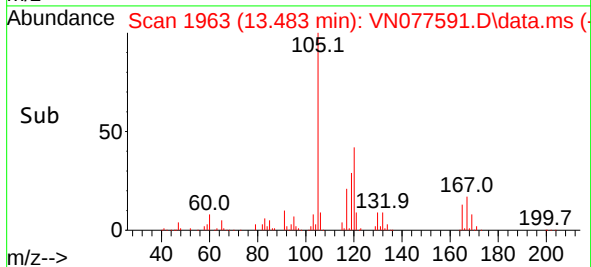
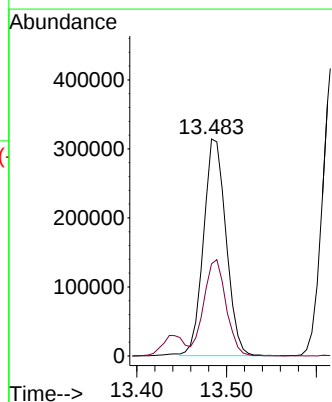
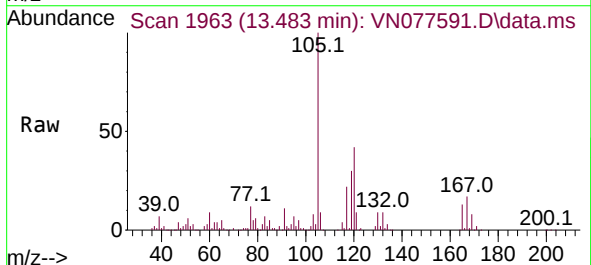
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

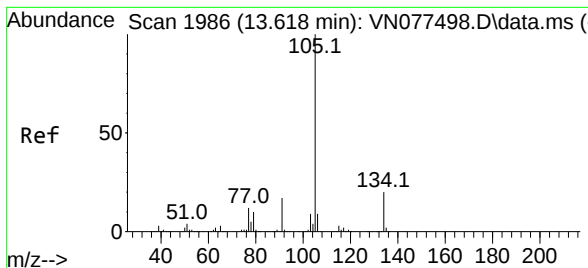
Tgt Ion:119 Resp: 541508
Ion Ratio Lower Upper
119 100
91 70.1 0.0 139.4
134 26.2 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 20.840 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion:105 Resp: 547601
Ion Ratio Lower Upper
105 100
120 43.5 0.0 87.8





#81

sec-Butylbenzene

Concen: 20.209 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

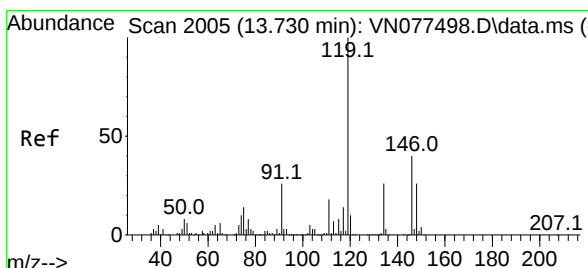
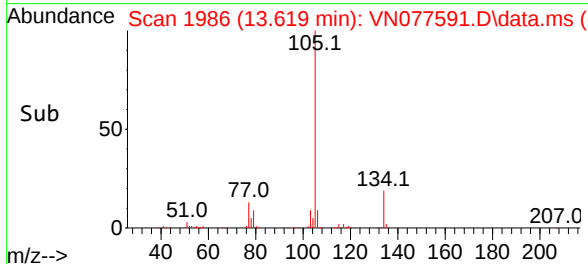
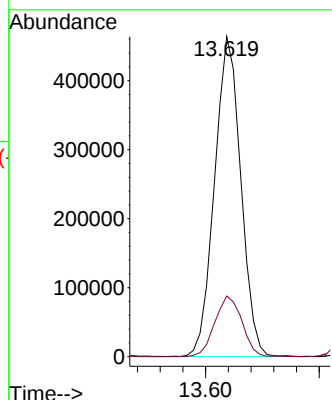
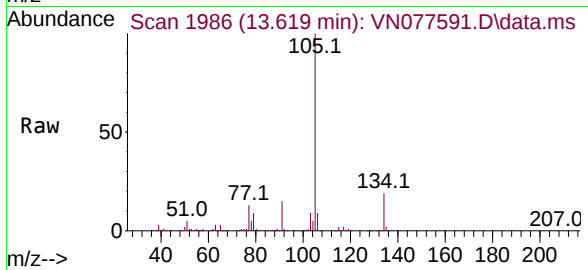
VN0505WBS01

Tgt Ion:105 Resp: 744597

Ion Ratio Lower Upper

105 100

134 19.6 0.0 38.4



#82

p-Isopropyltoluene

Concen: 19.925 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

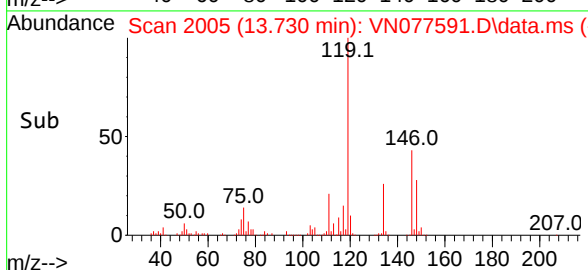
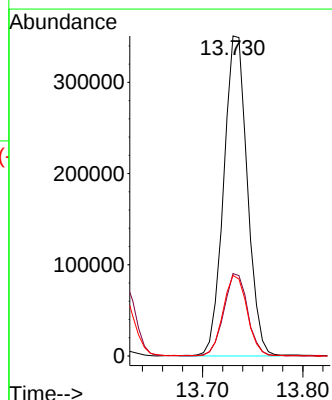
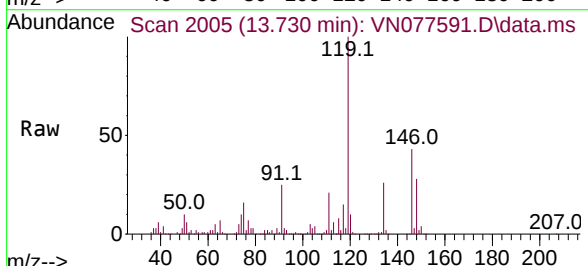
Tgt Ion:119 Resp: 575269

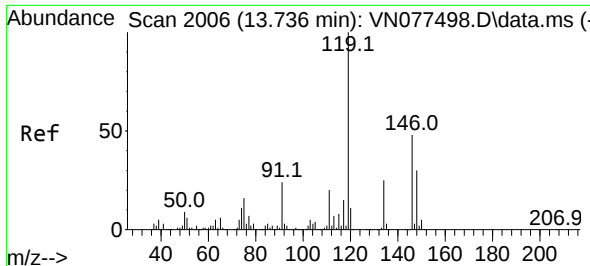
Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.4

91 25.4 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 20.373 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

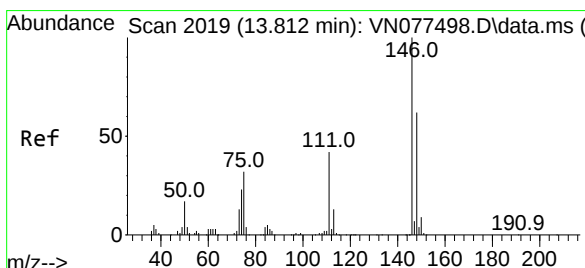
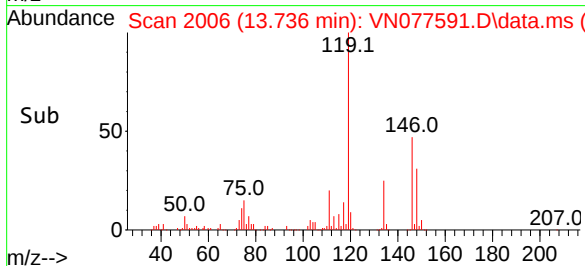
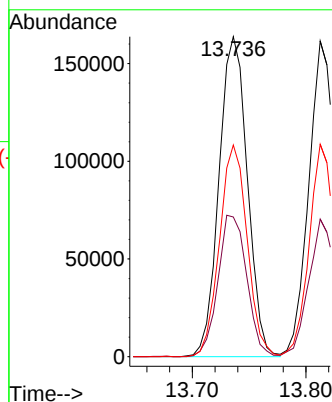
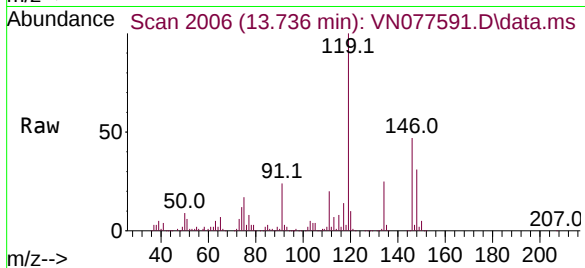
Tgt Ion:146 Resp: 284064

Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.5

148 64.6 31.8 95.4



#84

1,4-Dichlorobenzene

Concen: 19.689 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.001 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

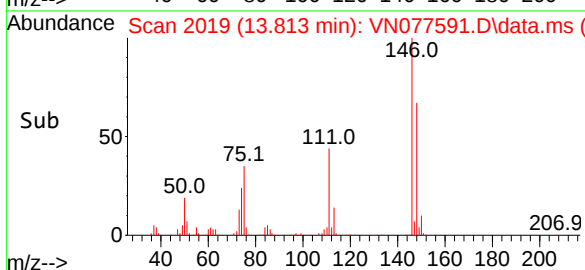
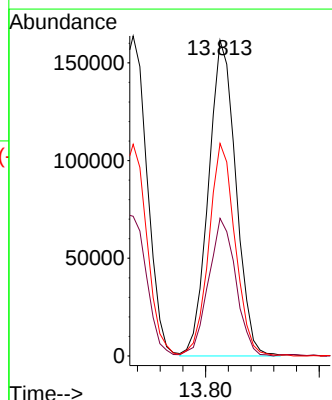
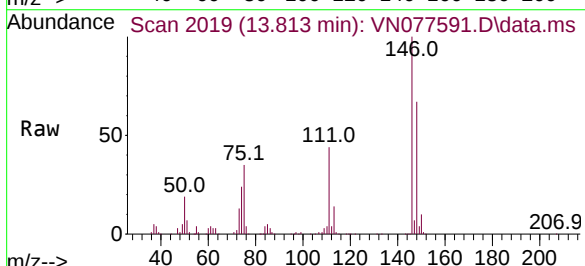
Tgt Ion:146 Resp: 271264

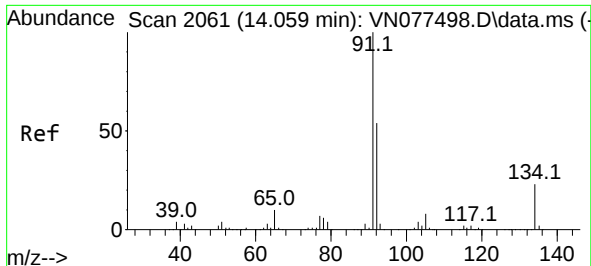
Ion Ratio Lower Upper

146 100

111 43.3 20.9 62.7

148 64.4 31.6 94.7

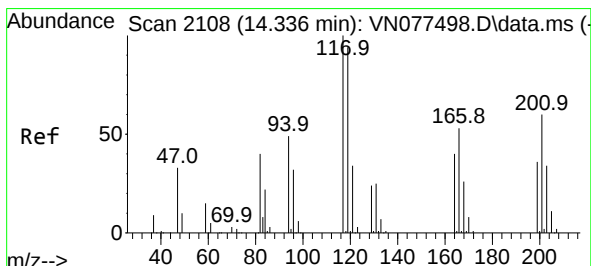
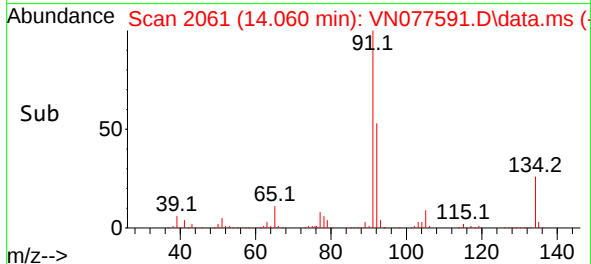
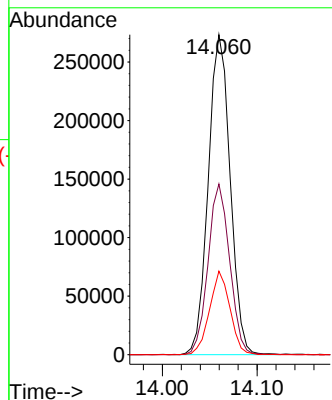
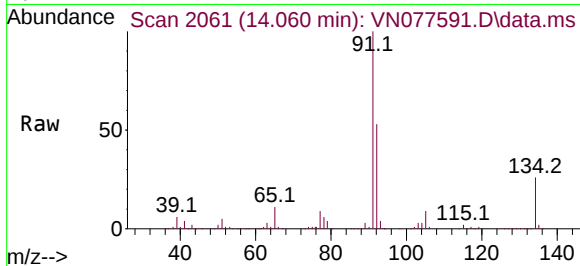




#85
n-Butylbenzene
Concen: 19.682 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.001 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

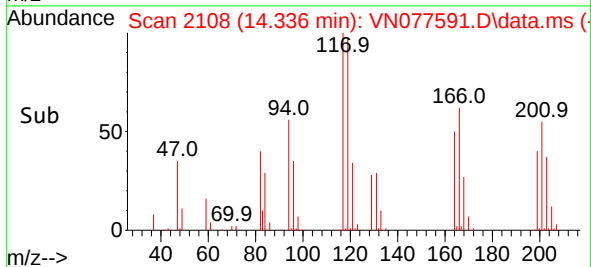
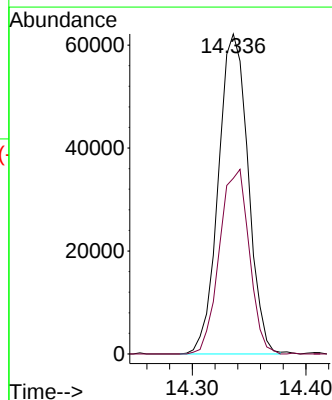
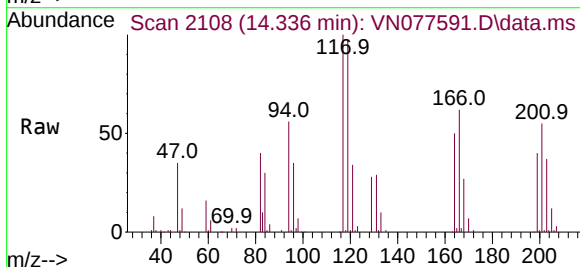
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

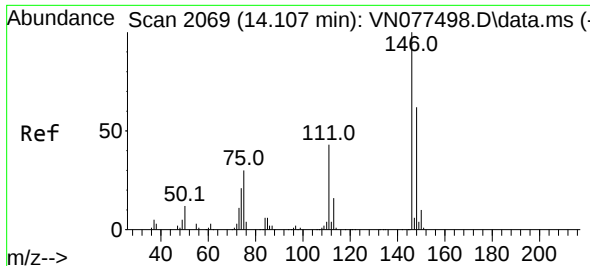
Tgt Ion: 91 Resp: 439137
Ion Ratio Lower Upper
91 100
92 52.6 0.0 108.4
134 24.4 0.0 50.0



#86
Hexachloroethane
Concen: 19.329 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077591.D
Acq: 05 May 2023 14:20

Tgt Ion: 117 Resp: 113049
Ion Ratio Lower Upper
117 100
201 57.6 27.4 82.2





#87

1,2-Dichlorobenzene

Concen: 19.668 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

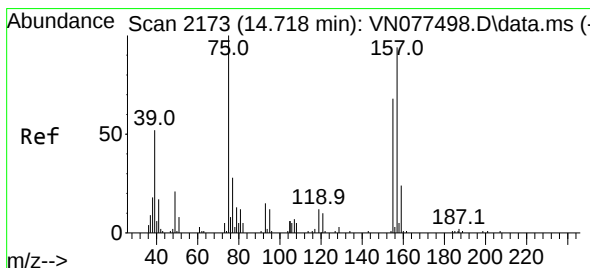
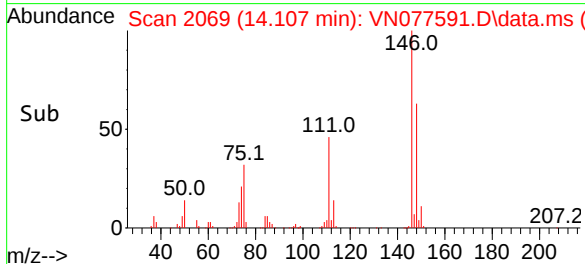
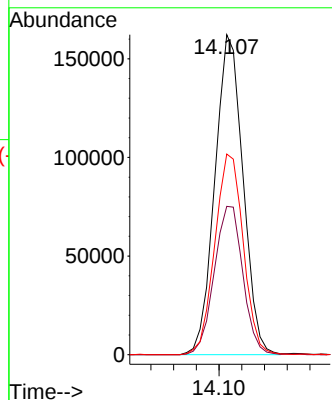
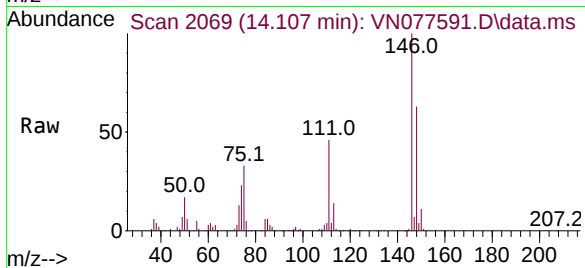
Tgt Ion:146 Resp: 279007

Ion Ratio Lower Upper

146 100

111 47.1 22.3 66.9

148 63.5 32.4 97.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.174 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

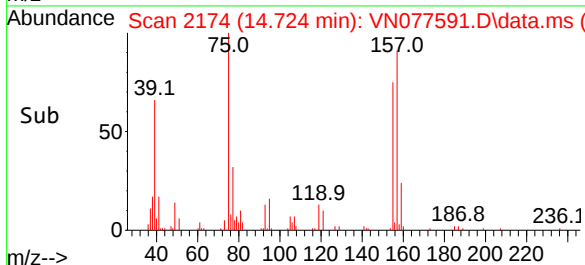
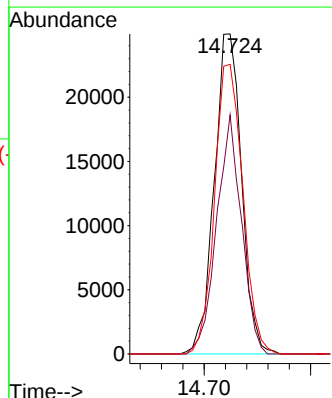
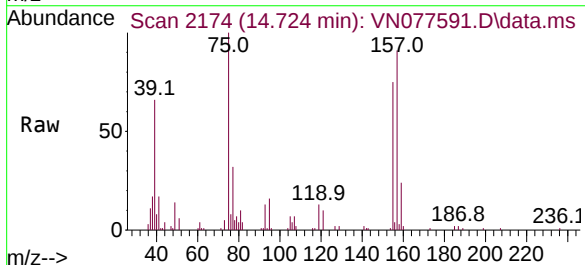
Tgt Ion: 75 Resp: 44189

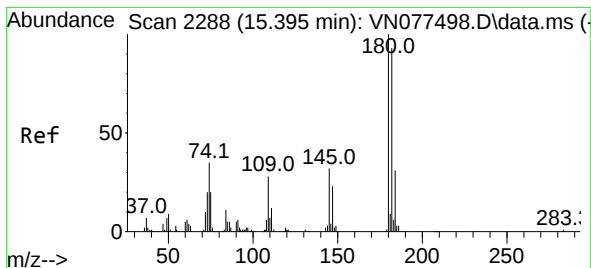
Ion Ratio Lower Upper

75 100

155 68.3 63.0 94.4

157 93.7 79.5 119.3





#89

1,2,4-Trichlorobenzene

Concen: 16.915 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

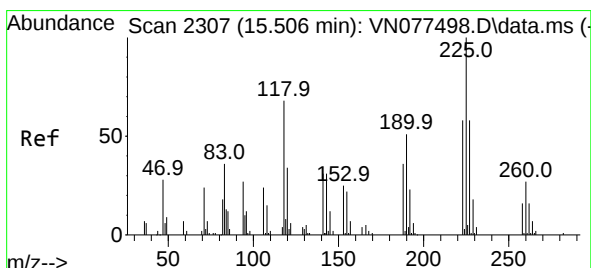
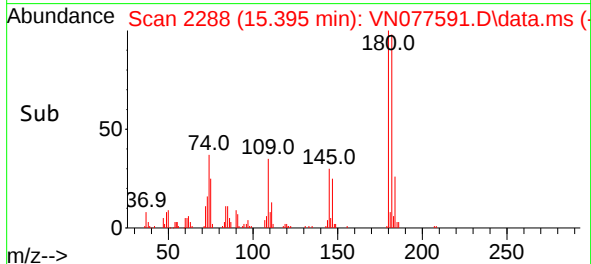
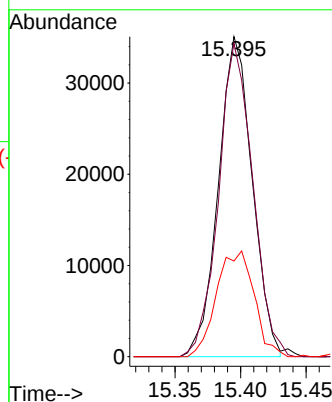
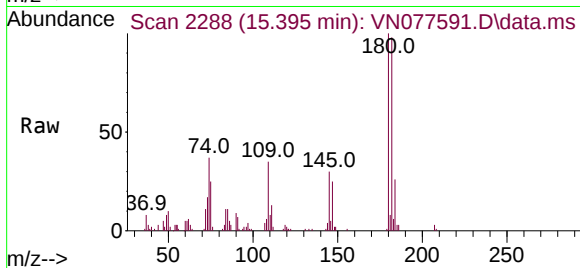
Tgt Ion:180 Resp: 62979

Ion Ratio Lower Upper

180 100

182 98.8 78.7 118.1

145 36.7 28.8 43.2



#90

Hexachlorobutadiene

Concen: 18.790 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.001 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

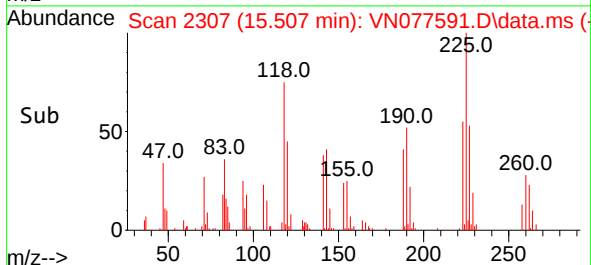
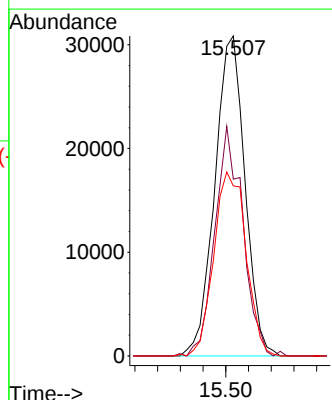
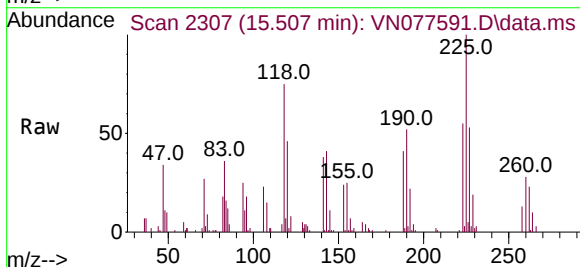
Tgt Ion:225 Resp: 56898

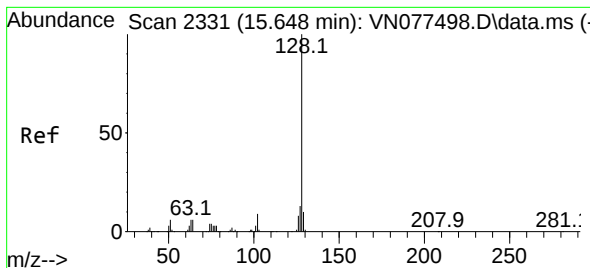
Ion Ratio Lower Upper

225 100

223 66.1 0.0 124.2

227 61.2 0.0 119.2





#91

Naphthalene

Concen: 17.551 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

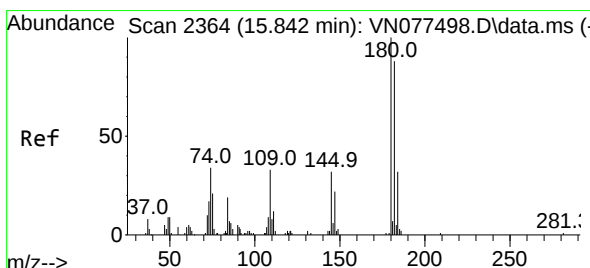
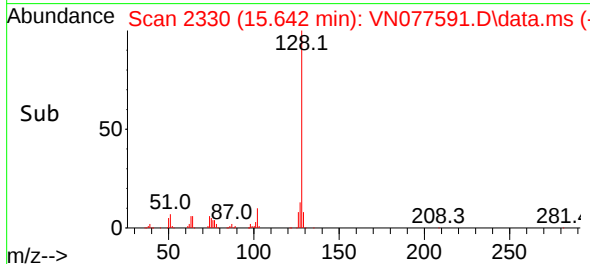
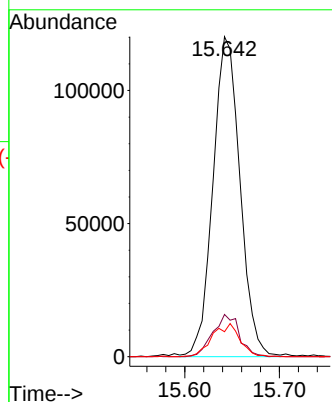
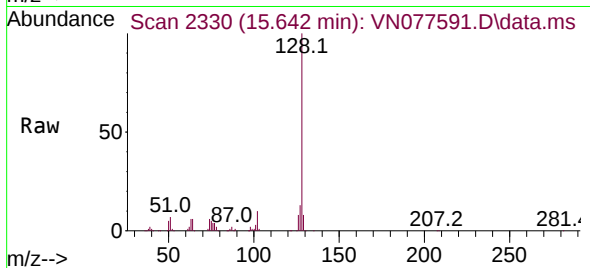
Tgt Ion:128 Resp: 238551

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 5.0 8.7 13.1#



#92

1,2,3-Trichlorobenzene

Concen: 17.663 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077591.D

Acq: 05 May 2023 14:20

Tgt Ion:180 Resp: 61529

Ion Ratio Lower Upper

180 100

182 94.9 0.0 198.0

145 37.0 0.0 80.2

