

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014508.D
 Acq On : 29 Jun 2023 19:58
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 30 04:13:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	256708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175530	55.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.140%	
35) Dibromofluoromethane	7.716	113	114893	52.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.179	98	447759	51.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.477	95	163943	52.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	103746	43.538	ug/l	97
3) Chloromethane	2.107	50	96247	41.274	ug/l	97
4) Vinyl Chloride	2.247	62	123772	48.699	ug/l	97
5) Bromomethane	2.637	94	128634	57.603	ug/l	99
6) Chloroethane	2.784	64	87488	51.968	ug/l	99
7) Trichlorofluoromethane	3.119	101	292283	58.247	ug/l	99
8) Diethyl Ether	3.521	74	69235	45.254	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.893	101	106860	45.059	ug/l	89
10) Methyl Iodide	4.082	142	110569	36.124	ug/l #	84
11) Tert butyl alcohol	4.954	59	108296	268.359	ug/l #	79
12) 1,1-Dichloroethene	3.863	96	106588	45.070	ug/l	96
13) Acrolein	3.722	56	101258	237.901	ug/l	98
14) Allyl chloride	4.472	41	124622	32.995	ug/l #	62
15) Acrylonitrile	5.161	53	168516	196.983	ug/l	97
16) Acetone	3.942	43	177942	177.424	ug/l	98
17) Carbon Disulfide	4.192	76	290826	39.738	ug/l	97
18) Methyl Acetate	4.472	43	125151	36.298	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	374954	51.547	ug/l #	90
20) Methylene Chloride	4.710	84	121178	40.817	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	115660	44.479	ug/l	89
22) Diisopropyl ether	6.118	45	254509	33.908	ug/l #	84
23) Vinyl Acetate	6.057	43	791575m	206.554	ug/l	
24) 1,1-Dichloroethane	6.015	63	183654	41.204	ug/l	97
25) 2-Butanone	6.984	43	218719	175.092	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	215813	45.792	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	134034	45.789	ug/l	92
28) Bromochloromethane	7.332	49	63731	32.786	ug/l #	44
29) Tetrahydrofuran	7.344	42	127714	171.462	ug/l #	66
30) Chloroform	7.502	83	251470	50.015	ug/l	96
31) Cyclohexane	7.783	56	131391	33.375	ug/l #	73
32) 1,1,1-Trichloroethane	7.697	97	267506	55.895	ug/l	97
36) 1,1-Dichloropropene	7.917	75	160407	47.375	ug/l	97
37) Ethyl Acetate	7.069	43	91838	39.358	ug/l #	92
38) Carbon Tetrachloride	7.899	117	264413	62.057	ug/l	98
39) Methylcyclohexane	9.179	83	183016	46.982	ug/l	89
40) Benzene	8.161	78	448797	46.799	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	51241m	44.311	ug/l	
42) 1,2-Dichloroethane	8.234	62	215714	59.330	ug/l	96
43) Isopropyl Acetate	8.270	43	172040	41.755	ug/l #	91
44) Trichloroethene	8.941	130	146076	53.055	ug/l	89
45) 1,2-Dichloropropane	9.215	63	89477	39.572	ug/l	99
46) Dibromomethane	9.307	93	78498	50.802	ug/l	89
47) Bromodichloromethane	9.496	83	197715	54.898	ug/l #	97
48) Methyl methacrylate	9.295	41	88984	46.500	ug/l #	85
49) 1,4-Dioxane	9.301	88	28238	1168.767	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	479510	206.202	ug/l	95
52) Toluene	10.240	92	313558	50.818	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	202558	51.876	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	188928	46.910	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	104055	50.290	ug/l	93
56) Ethyl methacrylate	10.508	69	147231	49.825	ug/l	88
57) 1,3-Dichloropropane	10.788	76	167154	48.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	305172	220.473	ug/l #	77
59) 2-Hexanone	10.831	43	364026	207.743	ug/l	97
60) Dibromochloromethane	10.983	129	158836	57.869	ug/l	100
61) 1,2-Dibromoethane	11.087	107	104708	50.826	ug/l	99
64) Tetrachloroethene	10.721	164	169029	57.665	ug/l	93
65) Chlorobenzene	11.514	112	365125	51.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	161285	56.579	ug/l	94
67) Ethyl Benzene	11.593	91	639117	50.718	ug/l	96
68) m/p-Xylenes	11.703	106	518144	105.274	ug/l	99
69) o-Xylene	12.026	106	251282	53.655	ug/l	99
70) Styrene	12.044	104	434457	54.125	ug/l	99
71) Bromoform	12.209	173	121821	57.823	ug/l #	98
73) Isopropylbenzene	12.331	105	667035	48.539	ug/l	99
74) N-amyl acetate	12.142	43	152977	35.150	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	115982	39.491	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	100929m	39.424	ug/l	
77) Bromobenzene	12.605	156	185049	51.789	ug/l	81
78) n-propylbenzene	12.672	91	757517	45.690	ug/l	94
79) 2-Chlorotoluene	12.757	91	433887	45.824	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	602017	50.641	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45134	40.137	ug/l #	79
82) 4-Chlorotoluene	12.855	91	464941	46.094	ug/l	94
83) tert-Butylbenzene	13.074	119	520053	51.029	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	593910	50.418	ug/l	98
85) sec-Butylbenzene	13.251	105	705476	47.868	ug/l	94
86) p-Isopropyltoluene	13.367	119	659377	51.674	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	351414	50.989	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	348807	50.343	ug/l	99
89) n-Butylbenzene	13.696	91	540166	46.331	ug/l	96
90) Hexachloroethane	13.958	117	113336	46.688	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	322713	51.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34643	53.371	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	228560	55.915	ug/l	99
94) Hexachlorobutadiene	15.111	225	135465	55.170	ug/l	97
95) Naphthalene	15.233	128	489822	55.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	205828	55.300	ug/l	99

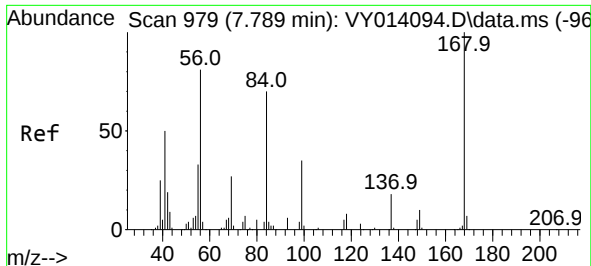
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Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

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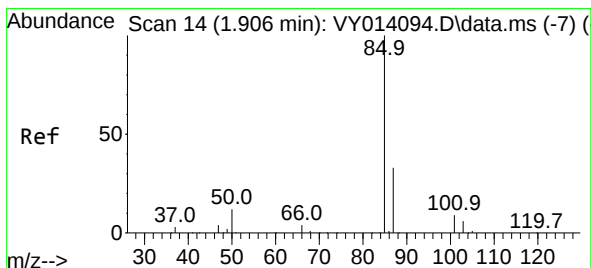
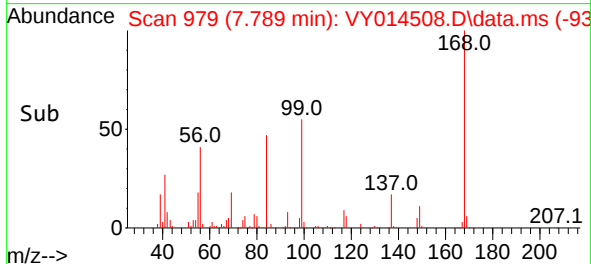
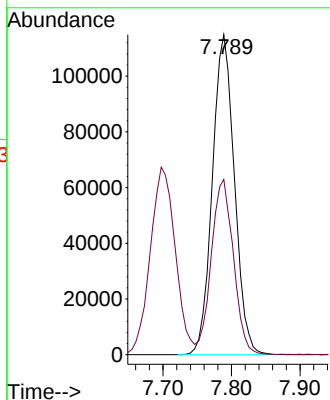
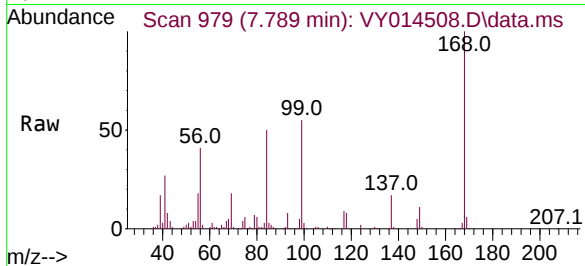
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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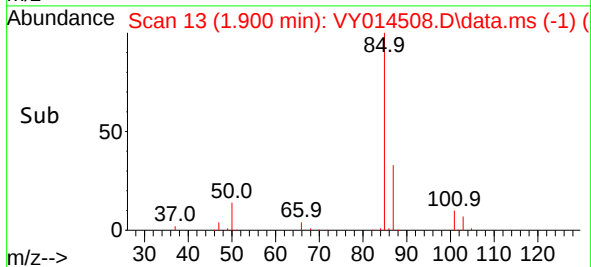
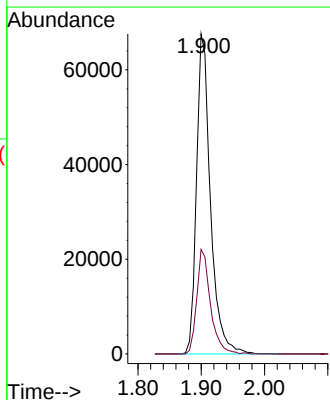
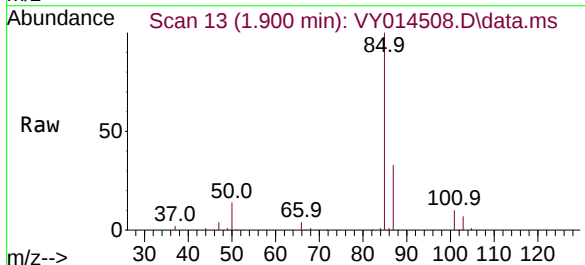
Instrument :
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ClientSampleId :
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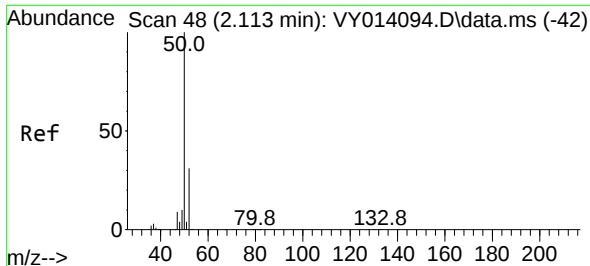
Tgt Ion:168 Resp: 256708
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.538 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 85 Resp: 103746
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

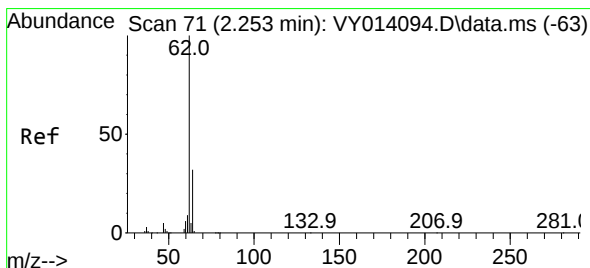
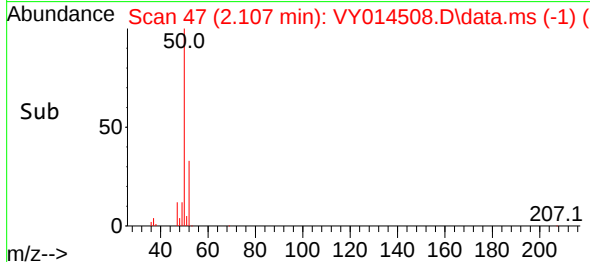
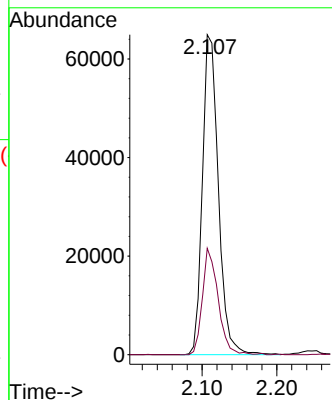
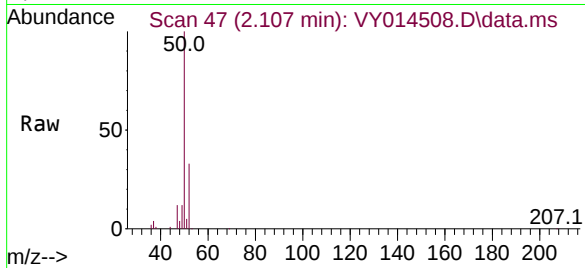




#3
Chloromethane
Concen: 41.274 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

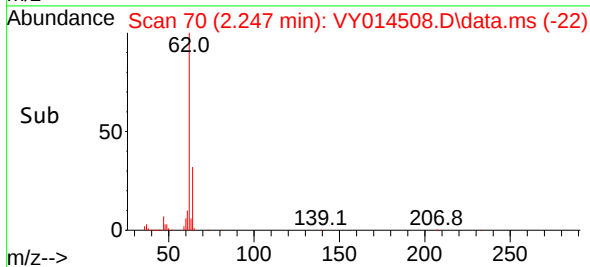
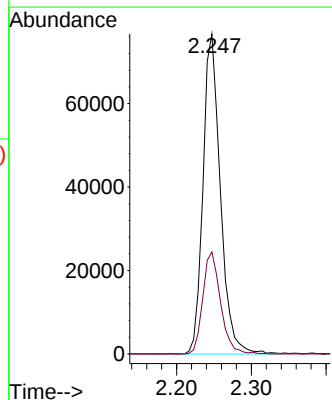
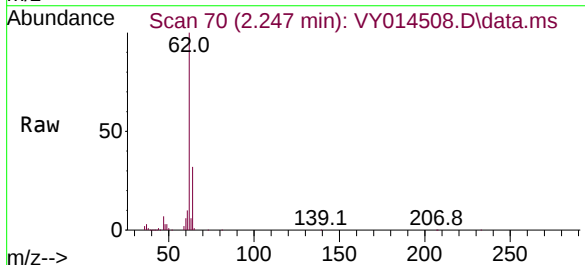
Instrument :
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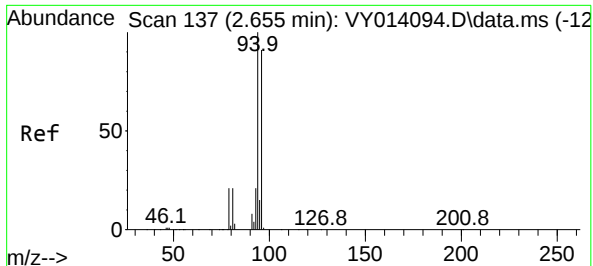
Tgt Ion: 50 Resp: 96247
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 48.699 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 62 Resp: 123772
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5

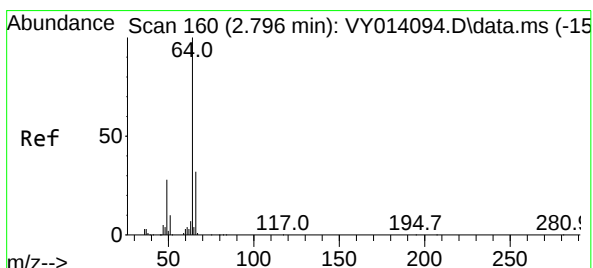
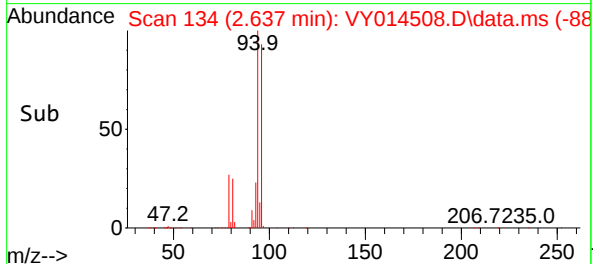
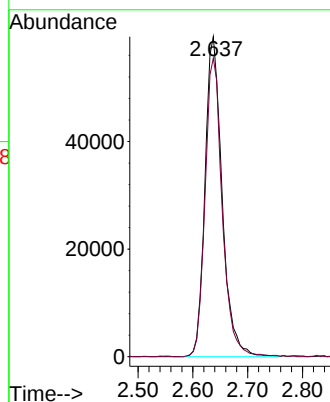
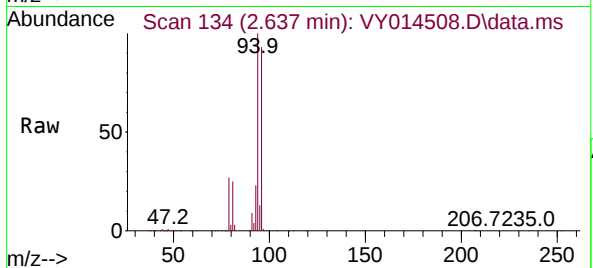




#5
Bromomethane
Concen: 57.603 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

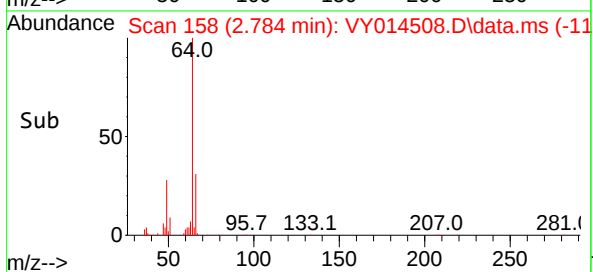
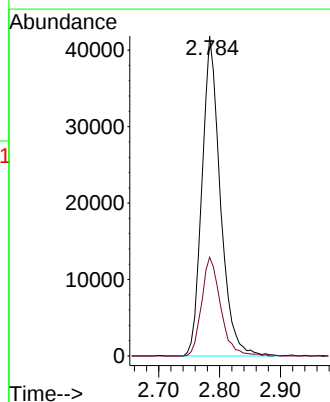
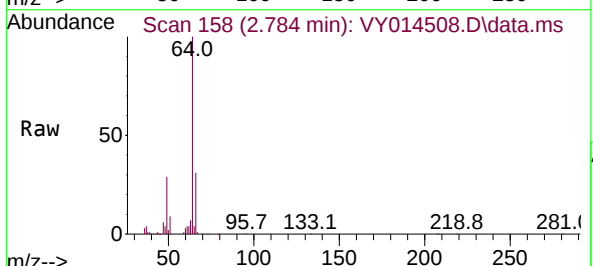
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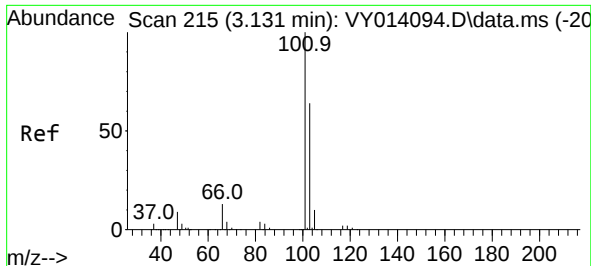
Tgt Ion: 94 Resp: 128634
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.6



#6
Chloroethane
Concen: 51.968 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 64 Resp: 87488
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

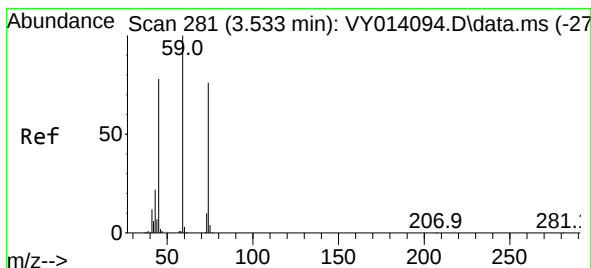
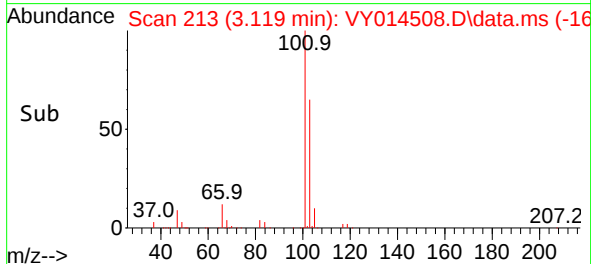
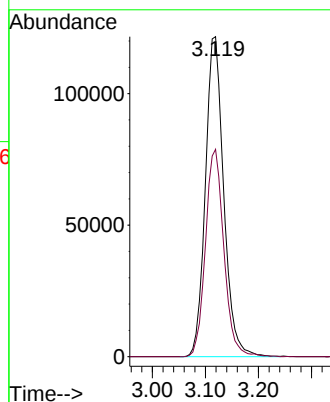
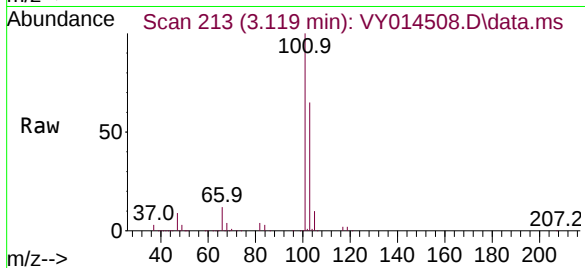




#7
Trichlorofluoromethane
Concen: 58.247 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

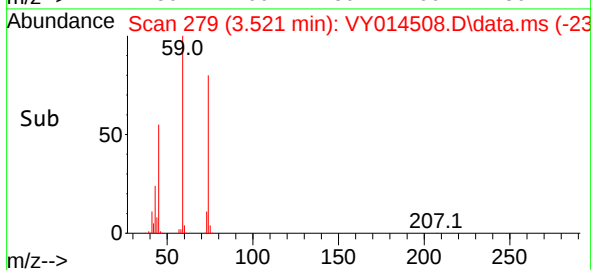
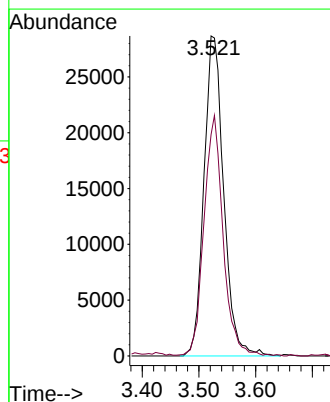
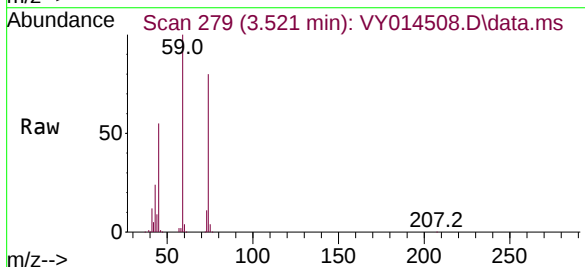
Instrument :
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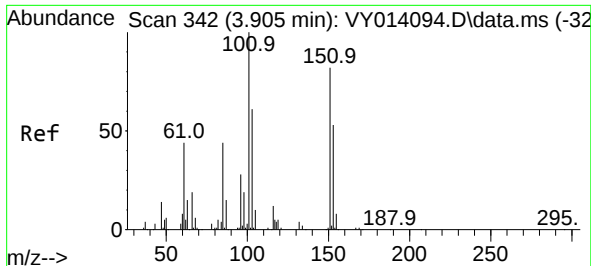
Tgt Ion:101 Resp: 292283
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0



#8
Diethyl Ether
Concen: 45.254 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 74 Resp: 69235
Ion Ratio Lower Upper
74 100
45 72.2 51.5 154.5

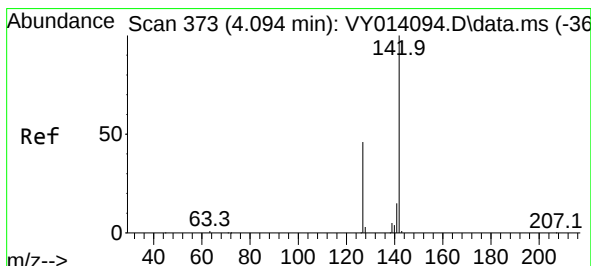
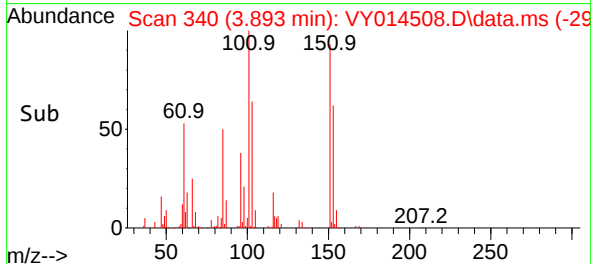
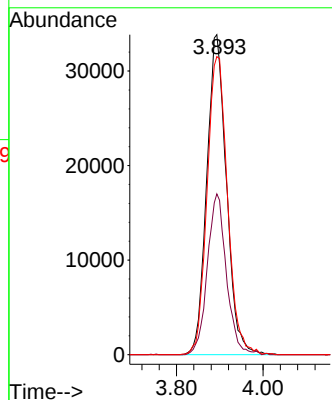
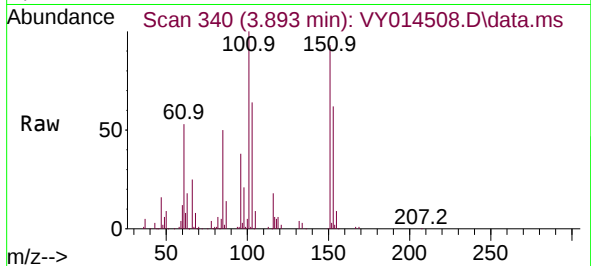




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.059 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY014508.D
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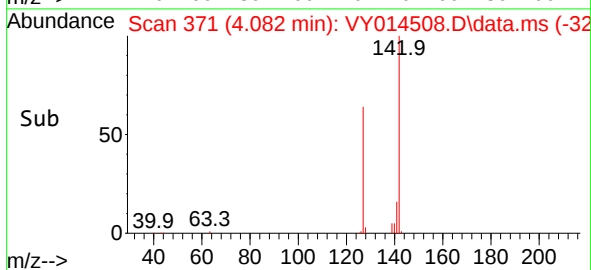
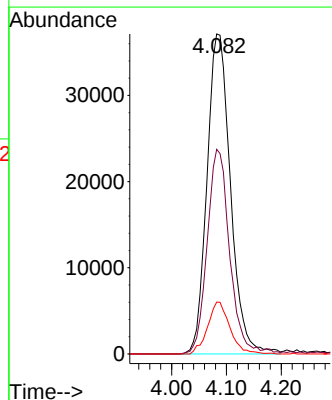
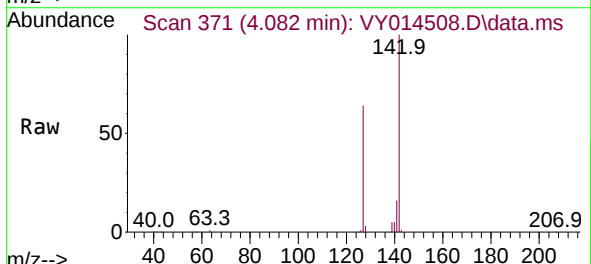
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

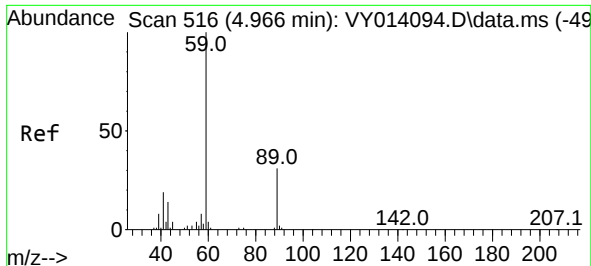
Tgt Ion:101 Resp: 106860
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 96.9 67.0 100.6



#10
Methyl Iodide
Concen: 36.124 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion:142 Resp: 110569
Ion Ratio Lower Upper
142 100
127 60.6 37.6 56.4#
141 15.4 11.8 17.8

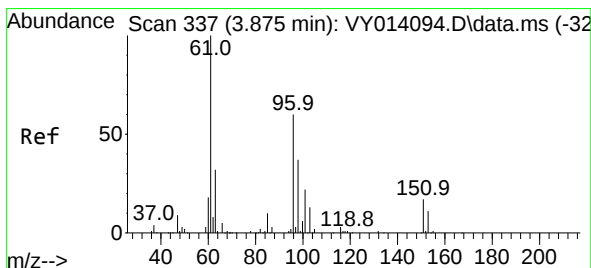
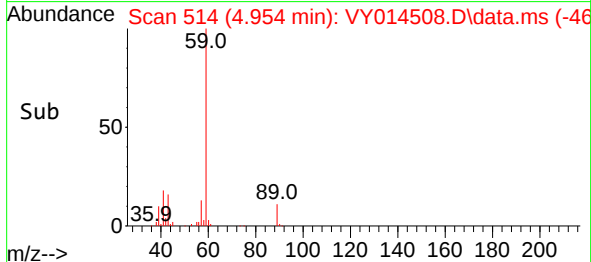
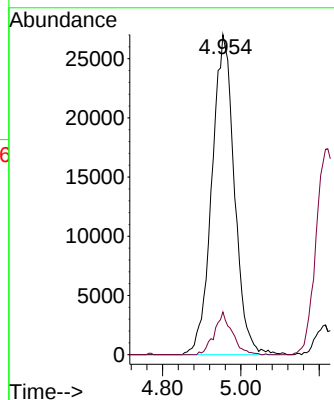
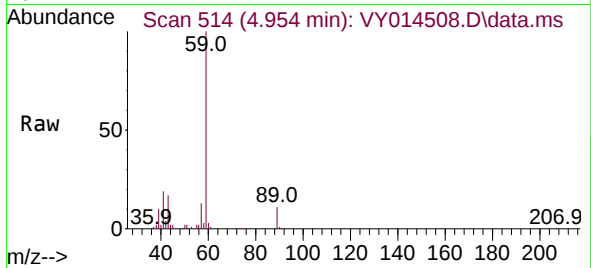




#11
Tert butyl alcohol
Concen: 268.359 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

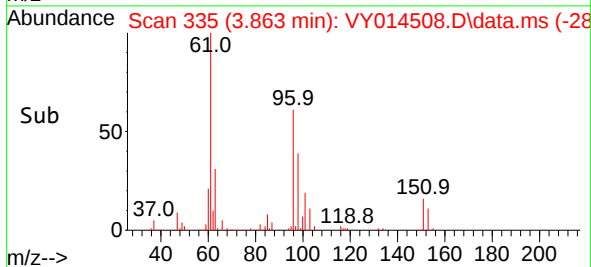
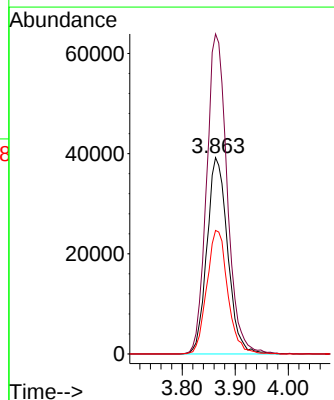
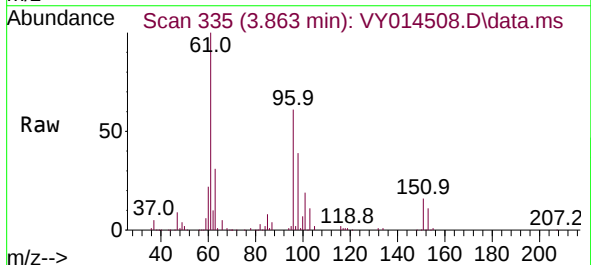
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

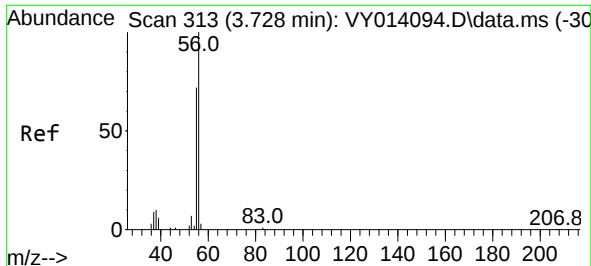
Tgt Ion: 59 Resp: 108296
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.070 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 96 Resp: 106588
Ion Ratio Lower Upper
96 100
61 163.0 136.4 204.6
98 62.9 49.4 74.2

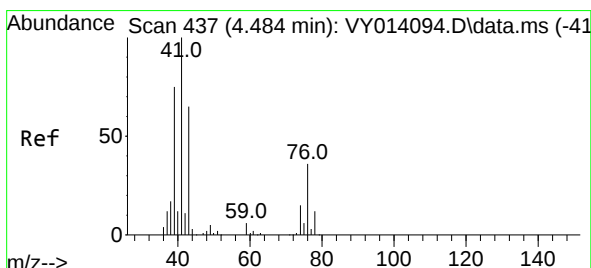
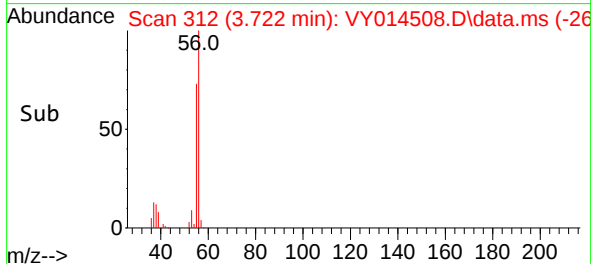
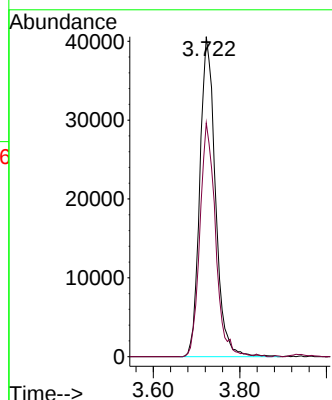
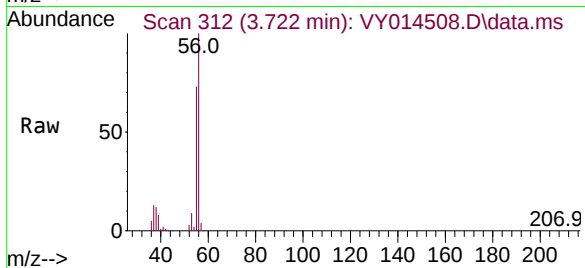




#13
Acrolein
Concen: 237.901 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

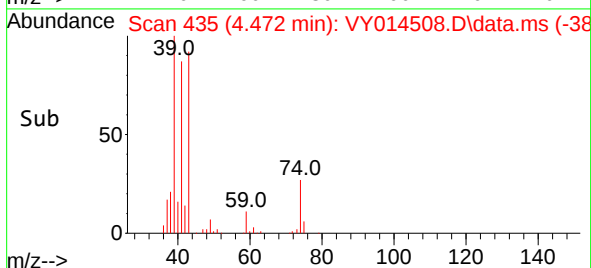
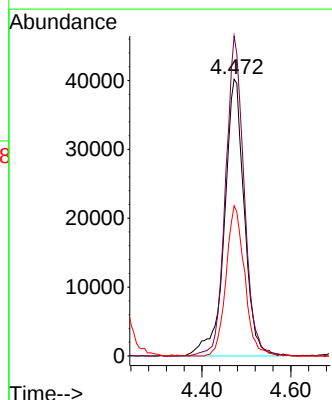
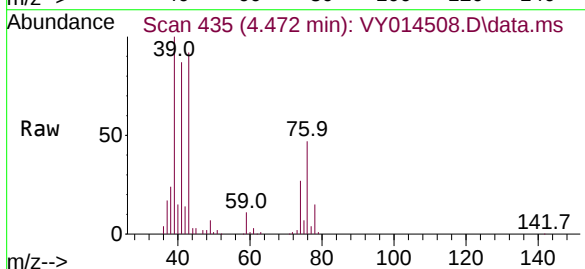
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

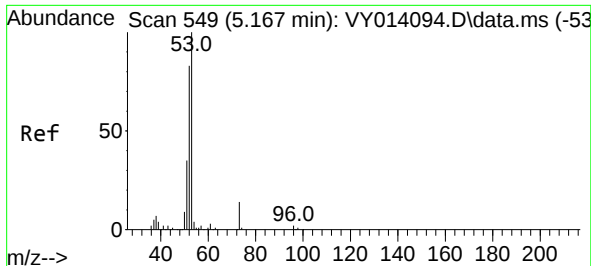
Tgt Ion: 56 Resp: 101258
Ion Ratio Lower Upper
56 100
55 73.2 57.0 85.4



#14
Allyl chloride
Concen: 32.995 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 41 Resp: 124622
Ion Ratio Lower Upper
41 100
39 107.6 58.0 87.0#
76 50.5 27.4 41.2#

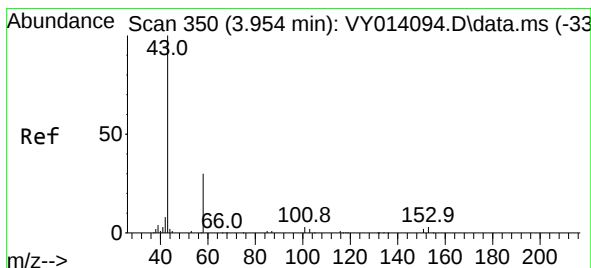
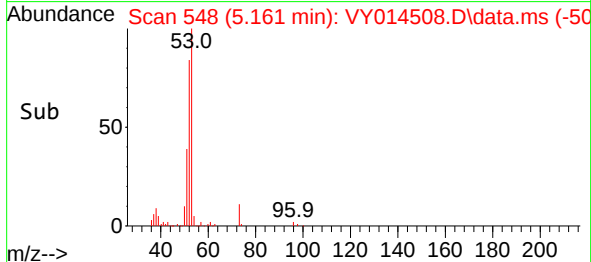
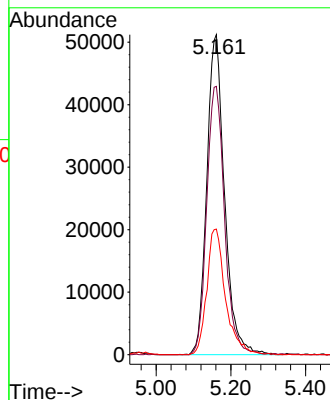
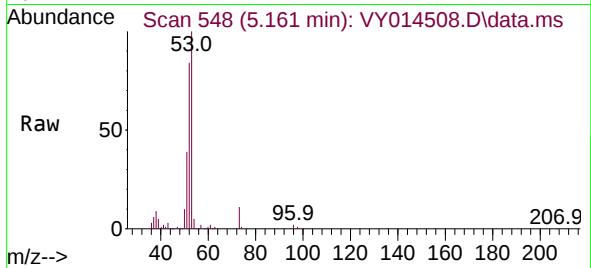




#15
Acrylonitrile
Concen: 196.983 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

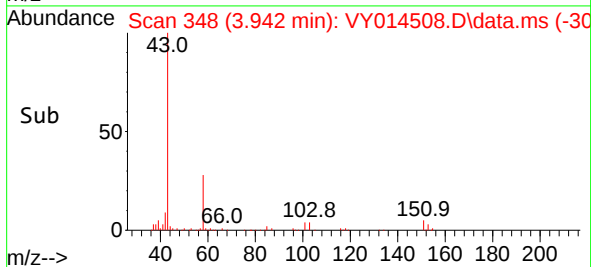
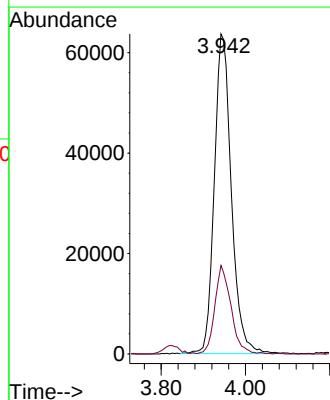
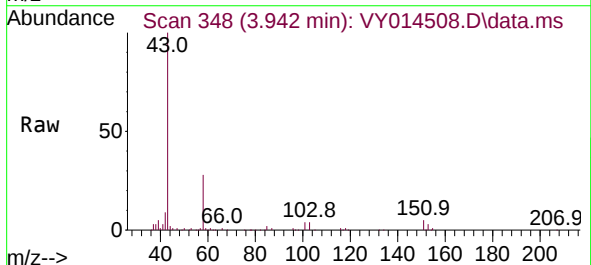
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

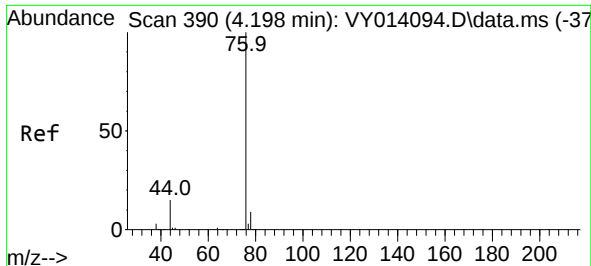
Tgt Ion: 53 Resp: 168516
Ion Ratio Lower Upper
53 100
52 84.5 66.9 100.3
51 41.3 29.8 44.6



#16
Acetone
Concen: 177.424 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 43 Resp: 177942
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1

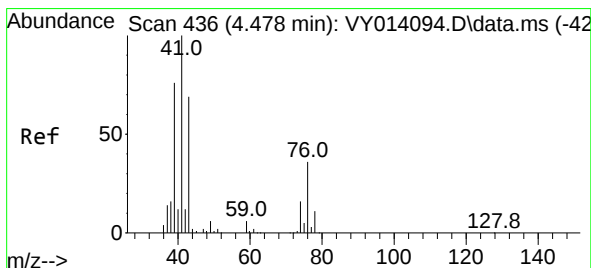
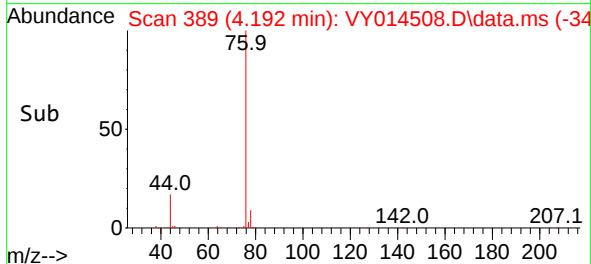
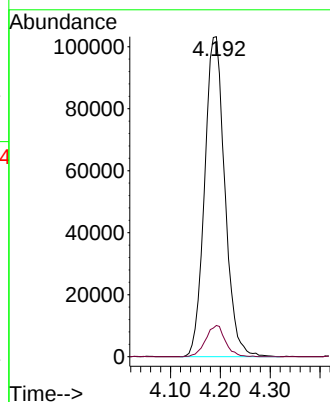
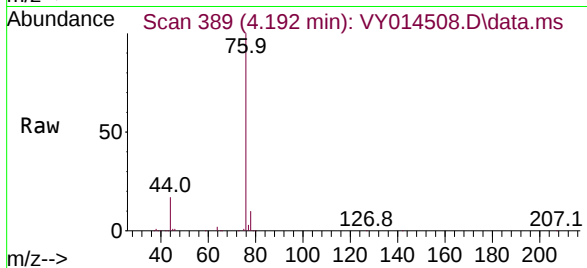




#17
Carbon Disulfide
Concen: 39.738 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

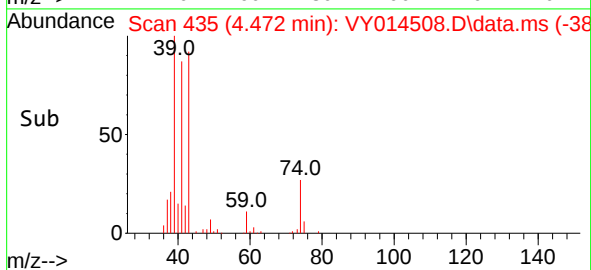
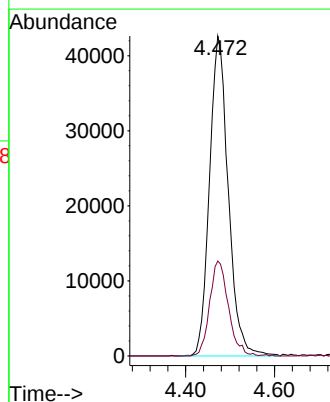
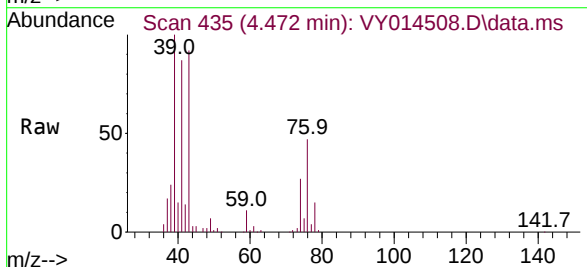
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 290826
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 36.298 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 43 Resp: 125151
Ion Ratio Lower Upper
43 100
74 29.6 17.4 26.0#

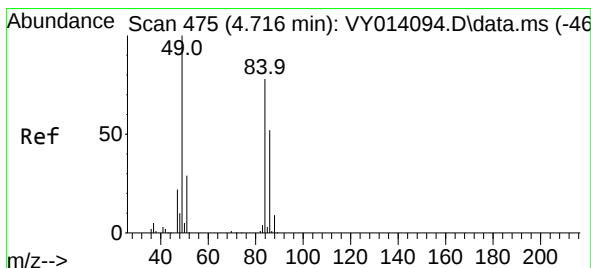
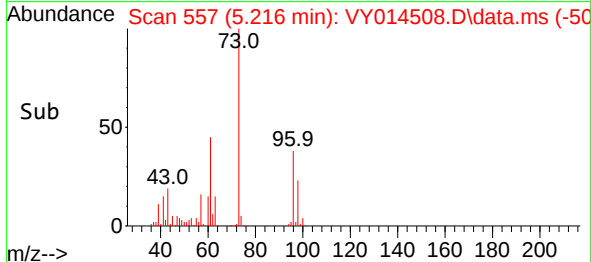
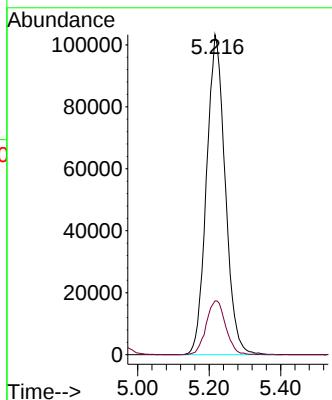
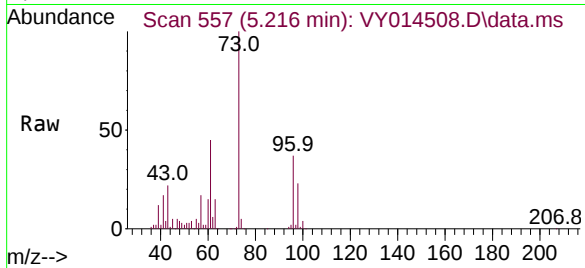




#19
Methyl tert-butyl Ether
Concen: 51.547 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

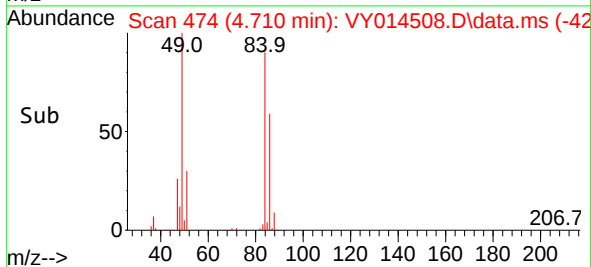
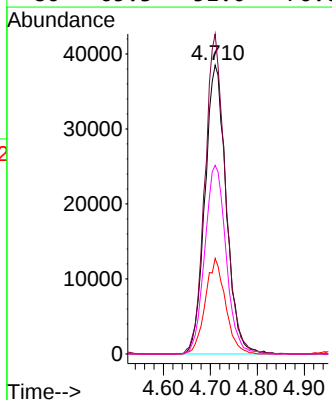
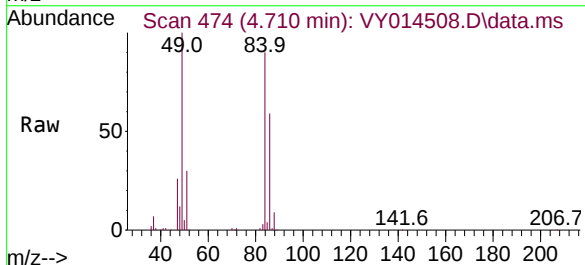
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 374954
Ion Ratio Lower Upper
73 100
57 16.8 17.3 25.9#



#20
Methylene Chloride
Concen: 40.817 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 84 Resp: 121178
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 33.1 33.2 49.8#
86 65.3 51.0 76.6

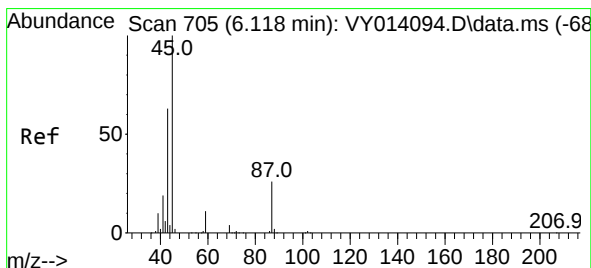
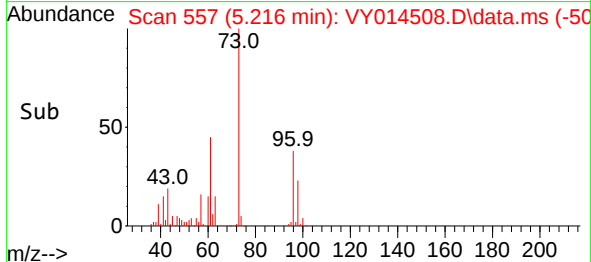
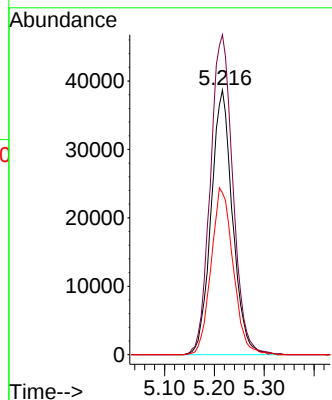
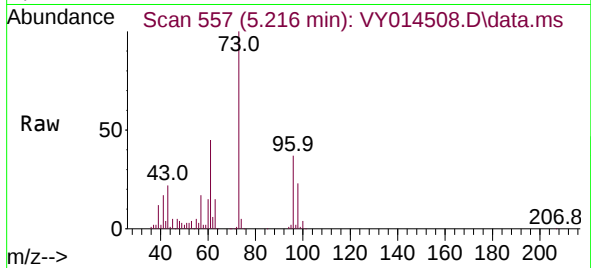




#21
trans-1,2-Dichloroethene
Concen: 44.479 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

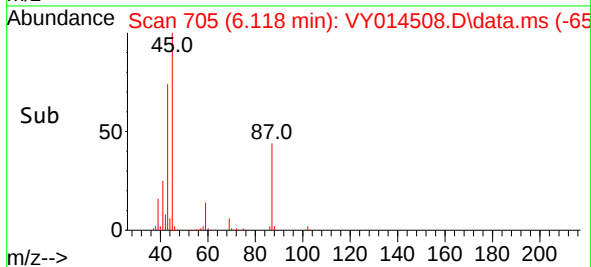
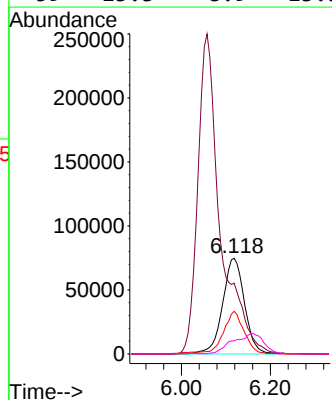
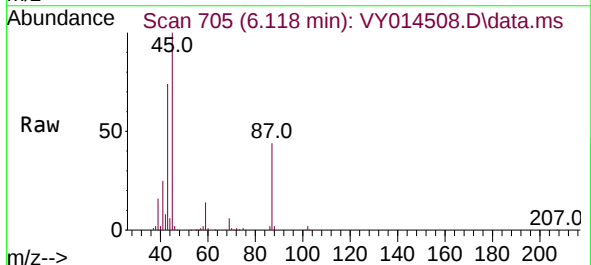
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

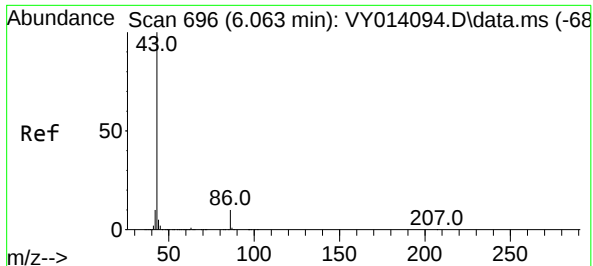
Tgt Ion: 96 Resp: 115660
Ion Ratio Lower Upper
96 100
61 120.9 110.2 165.4
98 61.1 51.8 77.6



#22
Diisopropyl ether
Concen: 33.908 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 45 Resp: 254509
Ion Ratio Lower Upper
45 100
43 73.4 52.2 78.4
87 44.5 21.0 31.6#
59 13.3 8.9 13.3#

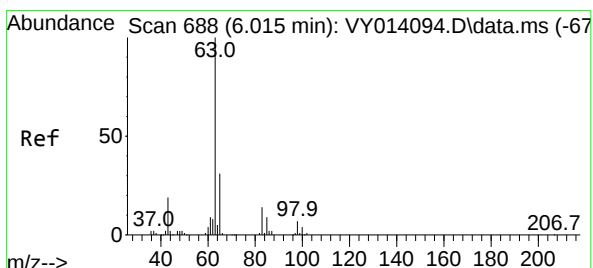
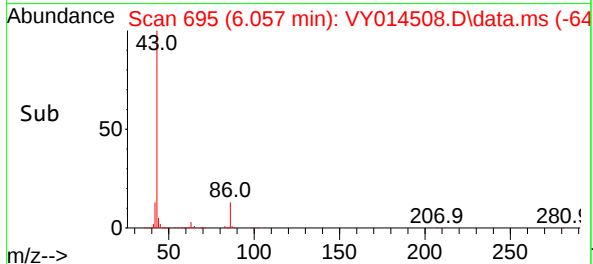
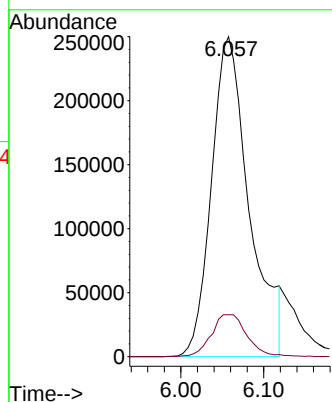
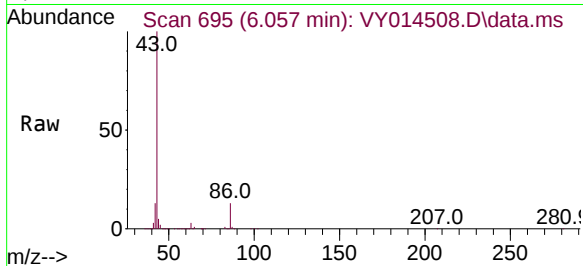




#23
 Vinyl Acetate
 Concen: 206.554 ug/l m
 RT: 6.057 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

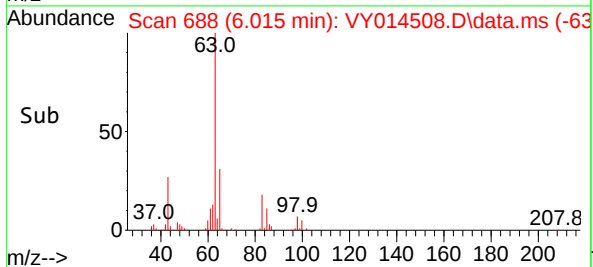
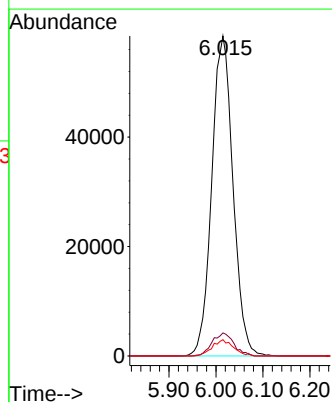
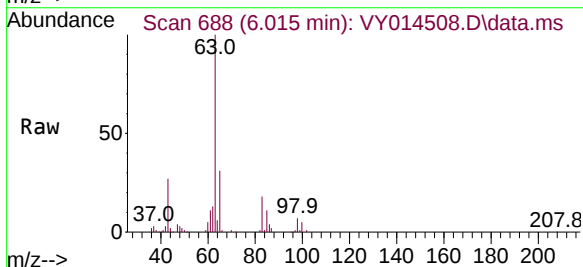
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 791575
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 41.204 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

Tgt Ion: 63 Resp: 183654
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 175.092 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

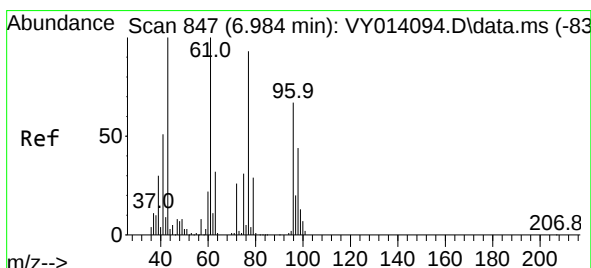
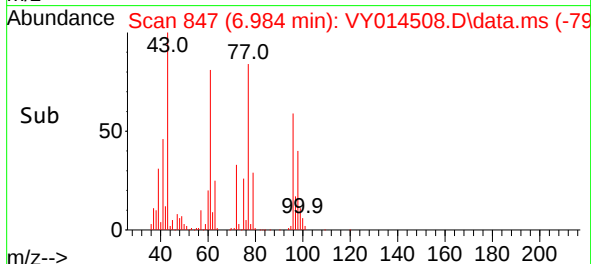
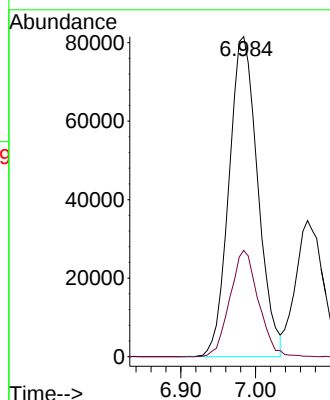
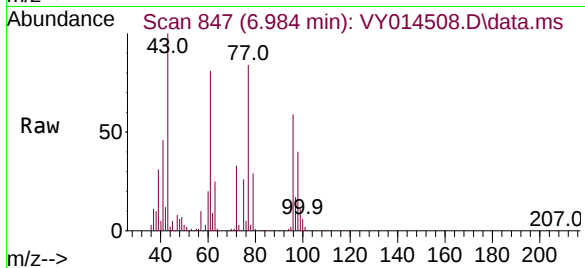
VSTDCCC050EC

Tgt Ion: 43 Resp: 218719

Ion Ratio Lower Upper

43 100

72 33.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 45.792 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014508.D

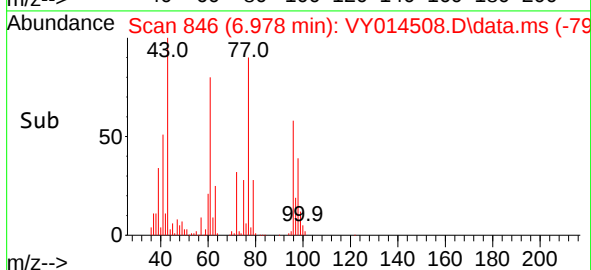
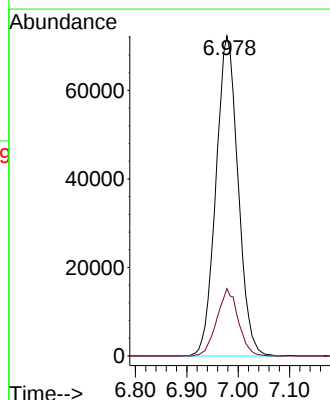
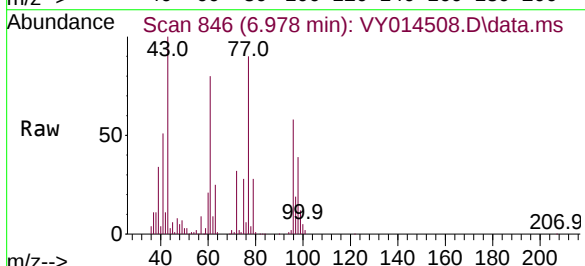
Acq: 29 Jun 2023 19:58

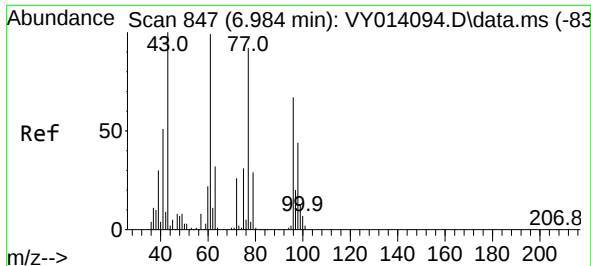
Tgt Ion: 77 Resp: 215813

Ion Ratio Lower Upper

77 100

97 20.3 10.9 32.9

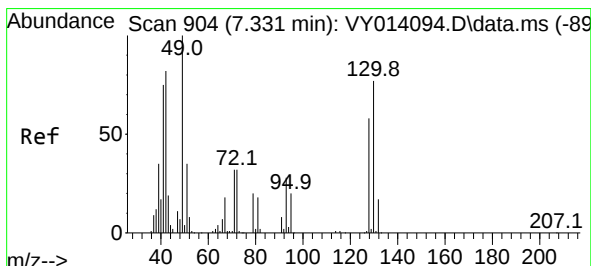
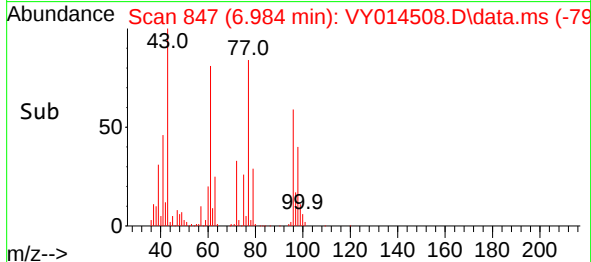
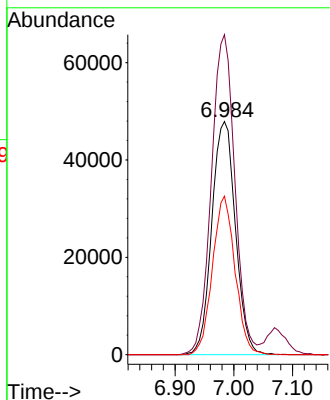
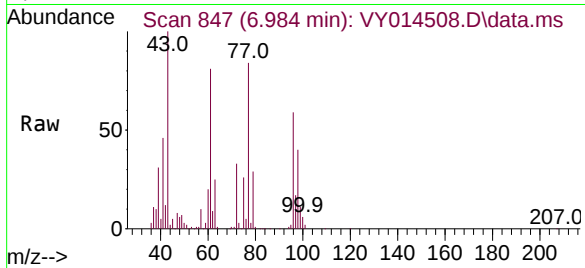




#27
 cis-1,2-Dichloroethene
 Concen: 45.789 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

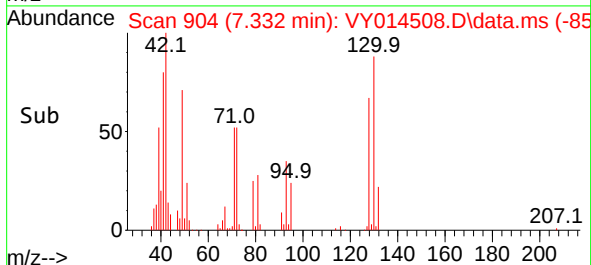
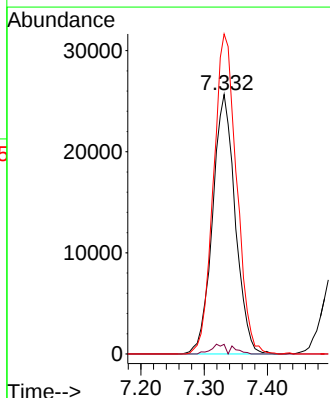
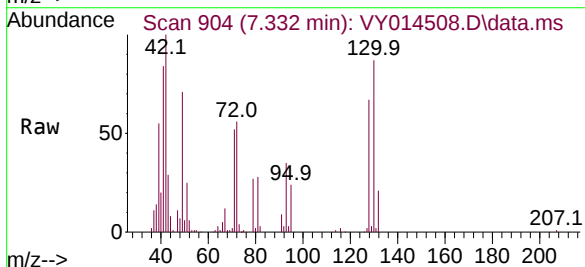
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

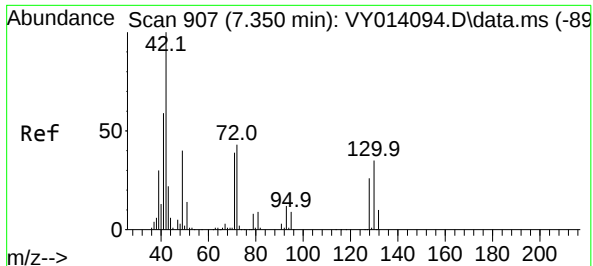
Tgt Ion: 96 Resp: 134034
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 301.4
 98 64.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 32.786 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

Tgt Ion: 49 Resp: 63731
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 125.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 171.462 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

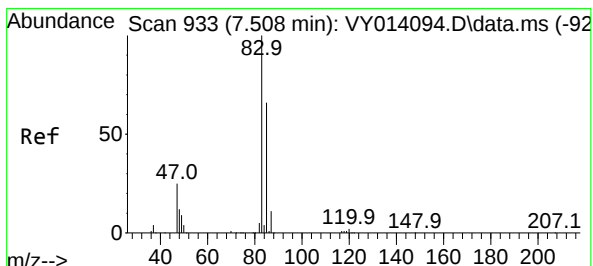
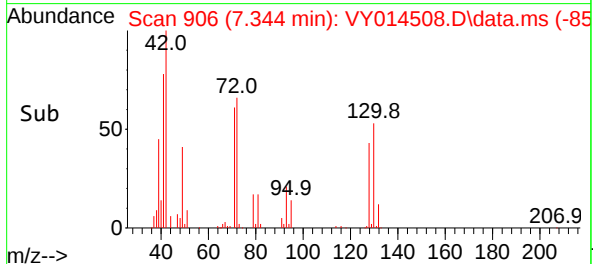
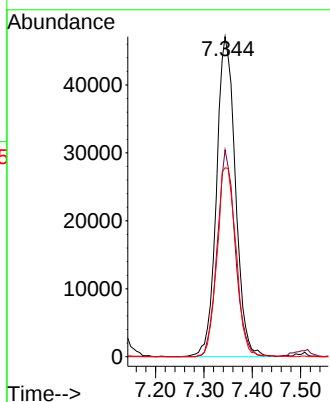
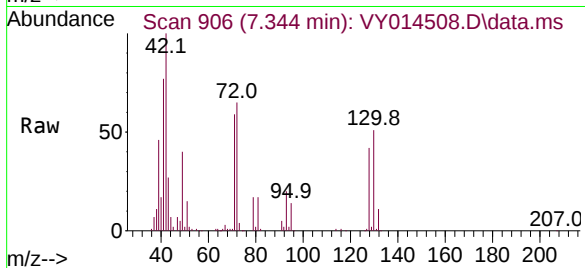
Tgt Ion: 42 Resp: 127714

Ion Ratio Lower Upper

42 100

72 61.1 32.8 49.2#

71 60.0 31.0 46.4#



#30

Chloroform

Concen: 50.015 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014508.D

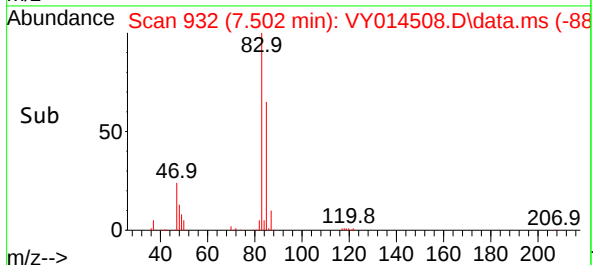
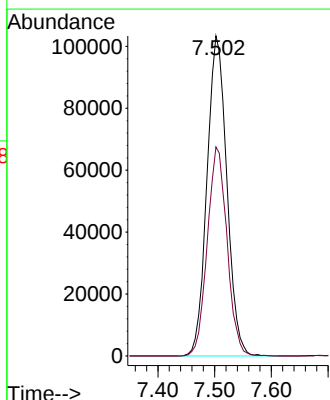
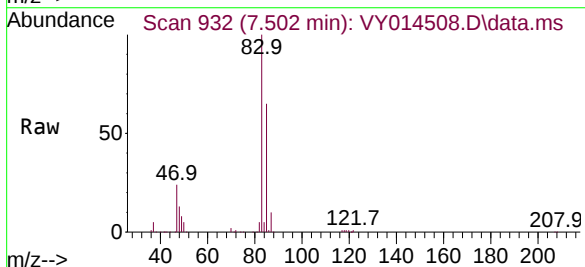
Acq: 29 Jun 2023 19:58

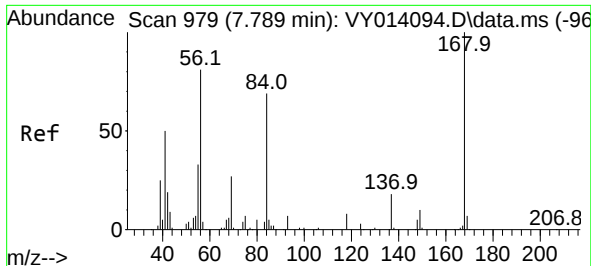
Tgt Ion: 83 Resp: 251470

Ion Ratio Lower Upper

83 100

85 65.3 49.7 74.5

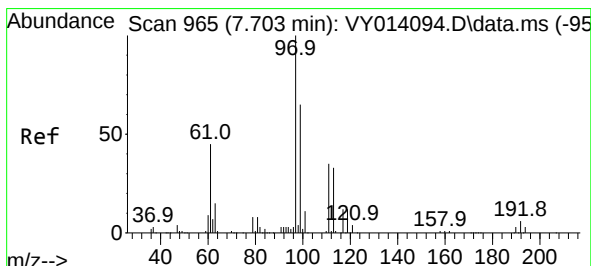
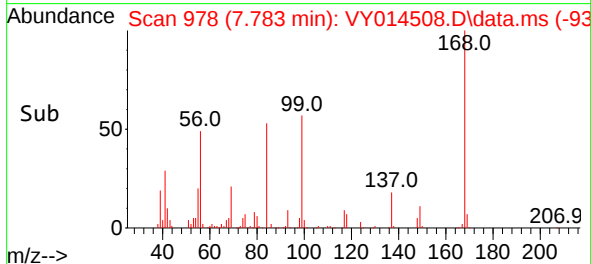
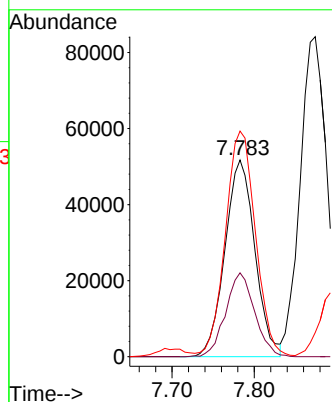
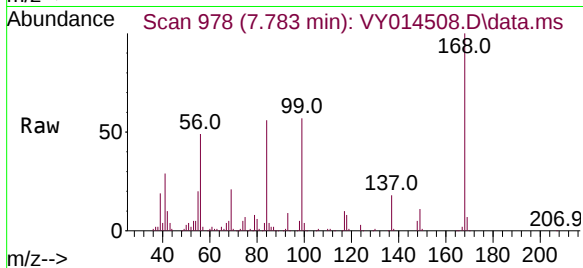




#31
Cyclohexane
Concen: 33.375 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

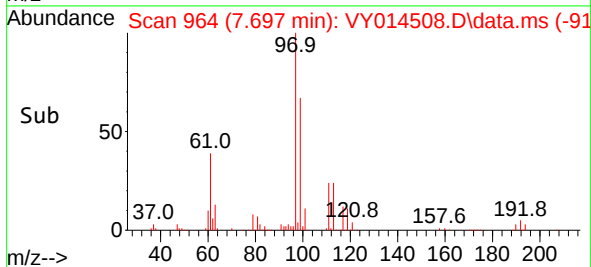
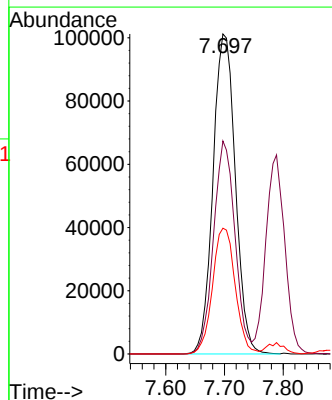
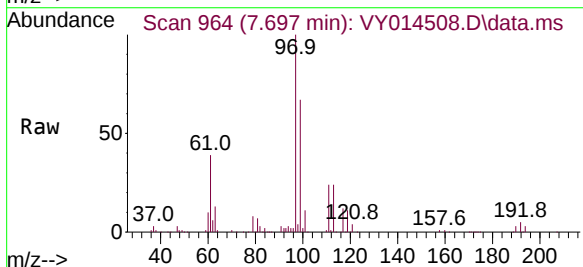
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

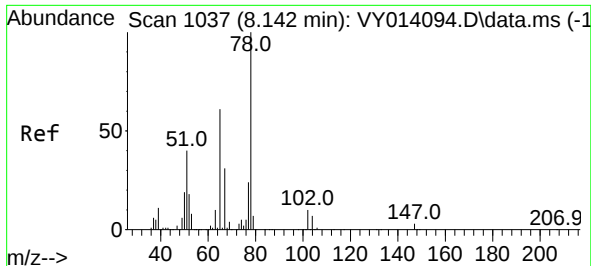
Tgt Ion: 56 Resp: 131391
Ion Ratio Lower Upper
56 100
69 42.7 27.8 41.6#
84 111.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 55.895 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 97 Resp: 267506
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 39.9 35.1 52.7

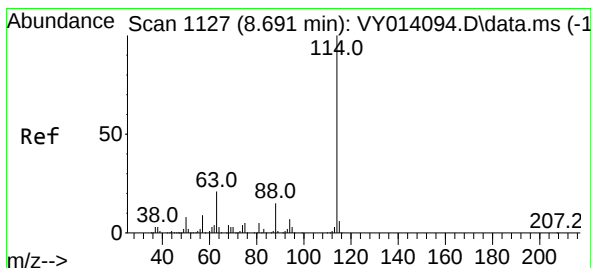
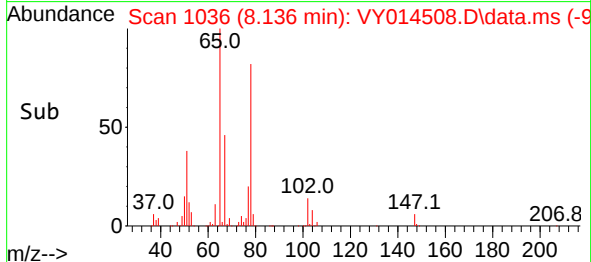
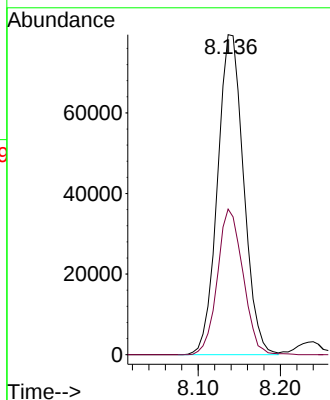
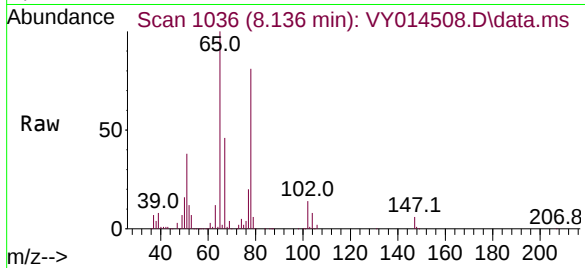




#33
1,2-Dichloroethane-d4
Concen: 55.072 ug/l
RT: 8.136 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

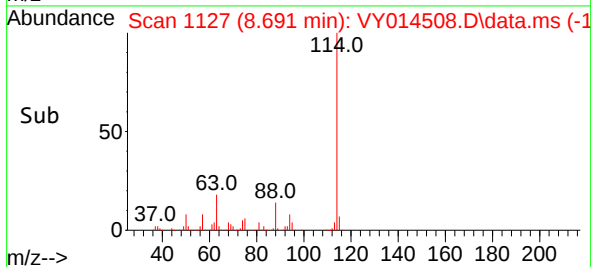
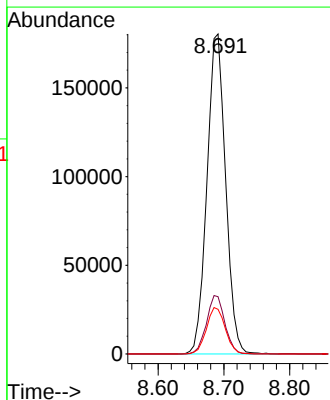
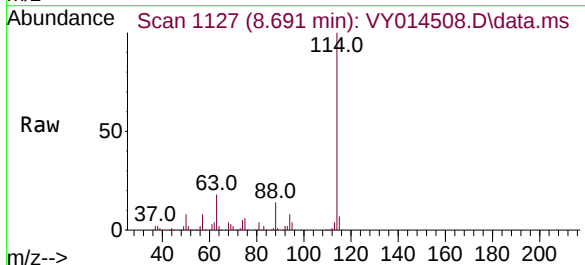
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

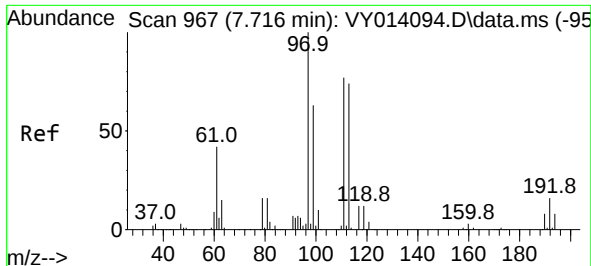
Tgt Ion: 65 Resp: 175530
Ion Ratio Lower Upper
65 100
67 44.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 114 Resp: 355634
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.4
88 14.0 0.0 30.6

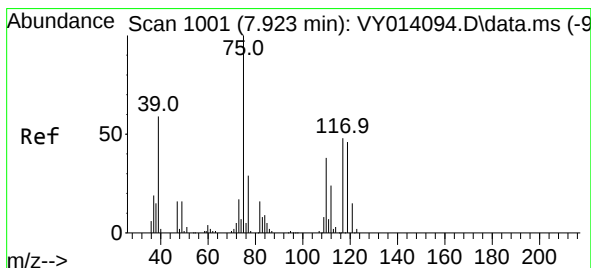
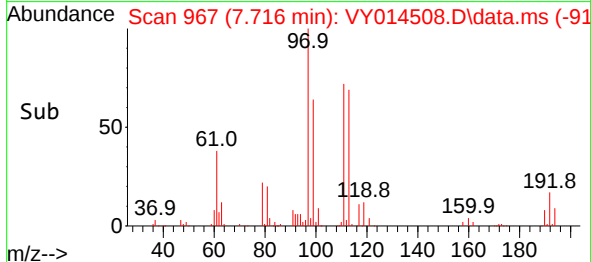
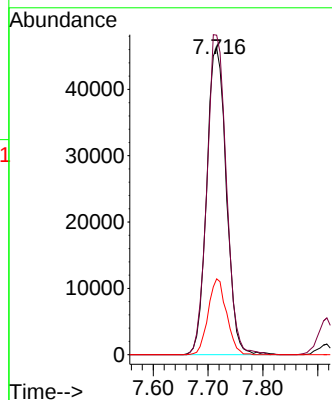
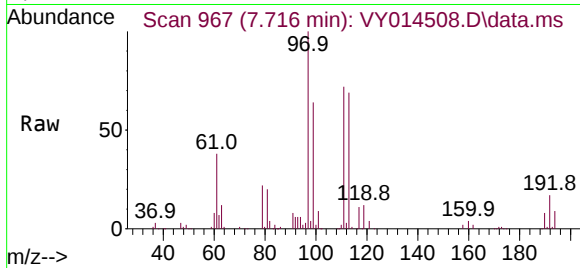




#35
Dibromofluoromethane
Concen: 52.291 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

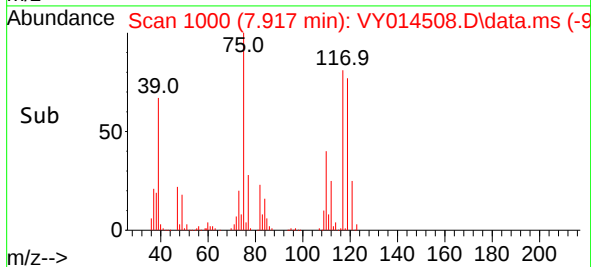
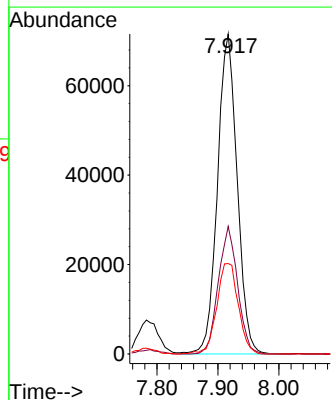
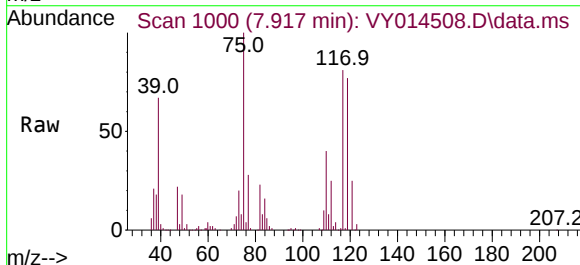
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

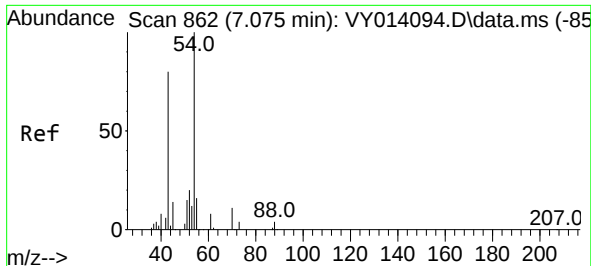
Tgt Ion:113 Resp: 114893
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 23.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.375 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 75 Resp: 160407
Ion Ratio Lower Upper
75 100
110 39.1 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 39.358 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

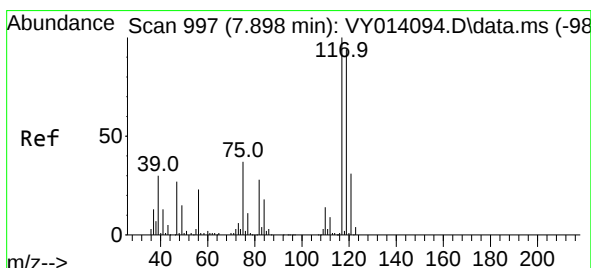
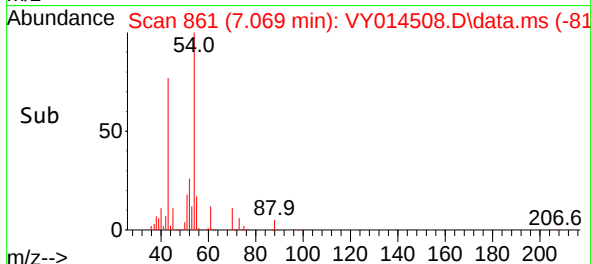
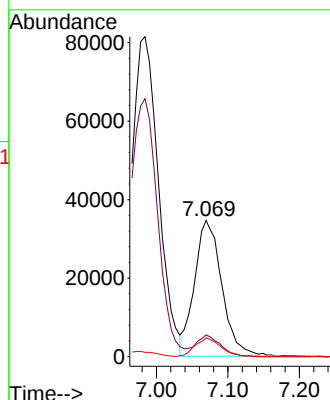
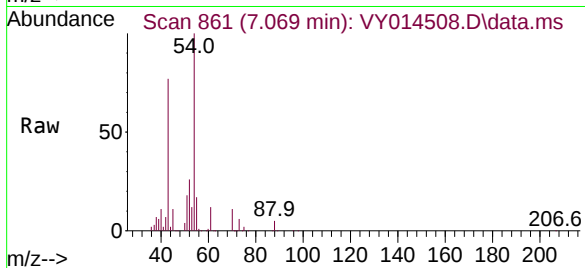
Tgt Ion: 43 Resp: 91838

Ion Ratio Lower Upper

43 100

61 14.8 10.1 15.1

70 13.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 62.057 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

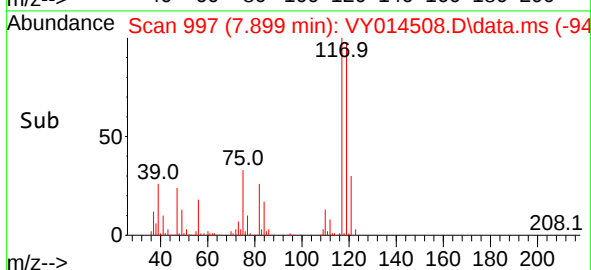
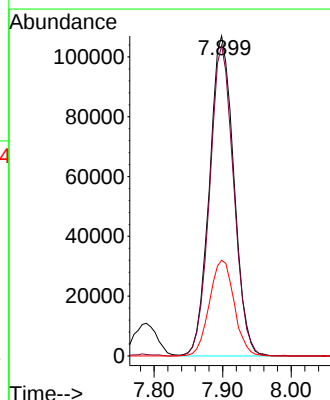
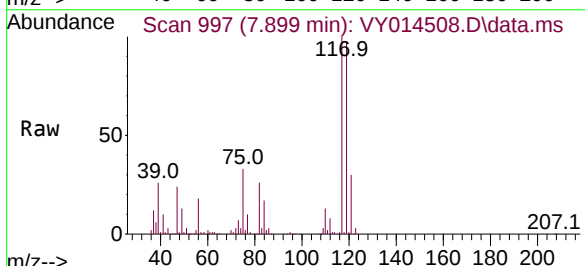
Tgt Ion: 117 Resp: 264413

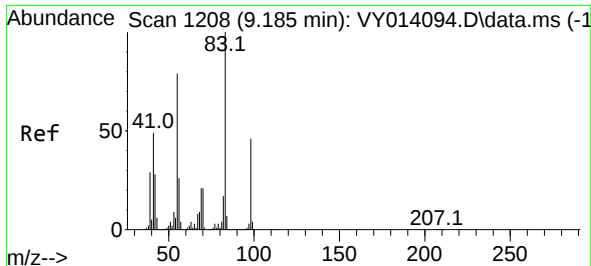
Ion Ratio Lower Upper

117 100

119 97.0 76.4 114.6

121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 46.982 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

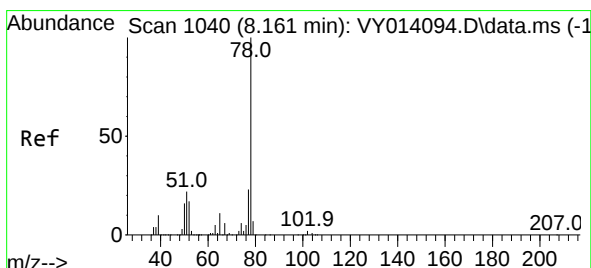
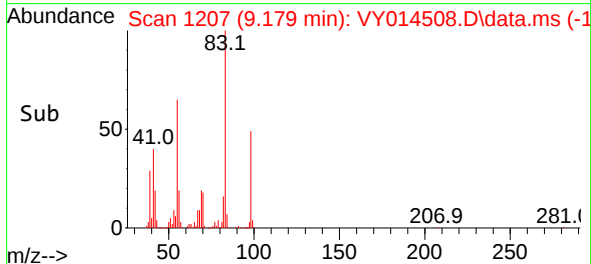
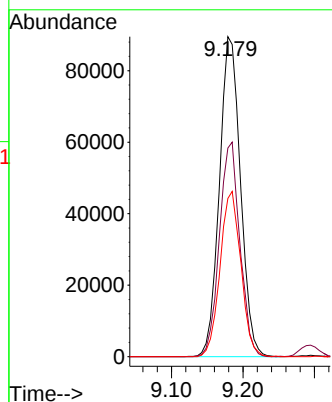
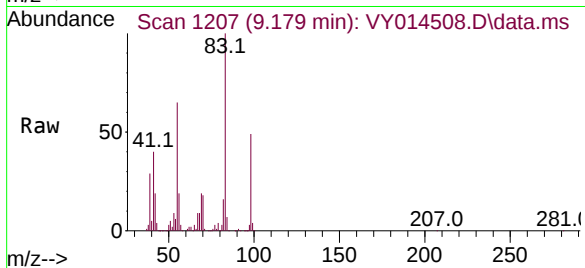
Tgt Ion: 83 Resp: 183016

Ion Ratio Lower Upper

83 100

55 65.2 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 46.799 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014508.D

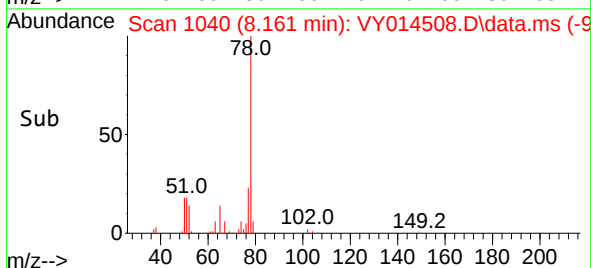
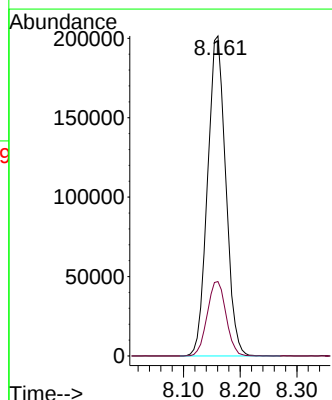
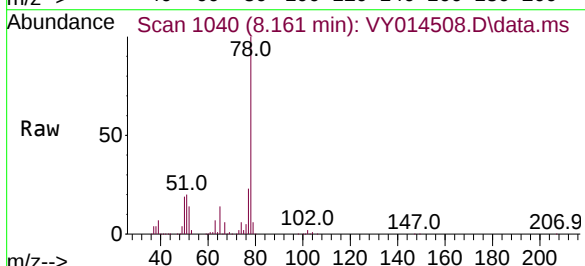
Acq: 29 Jun 2023 19:58

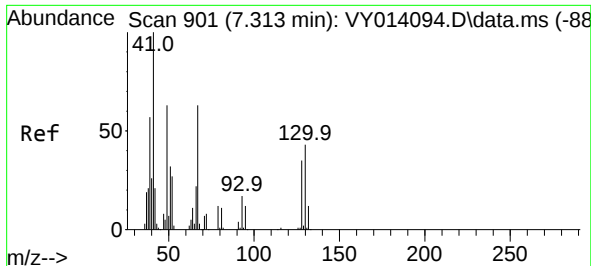
Tgt Ion: 78 Resp: 448797

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

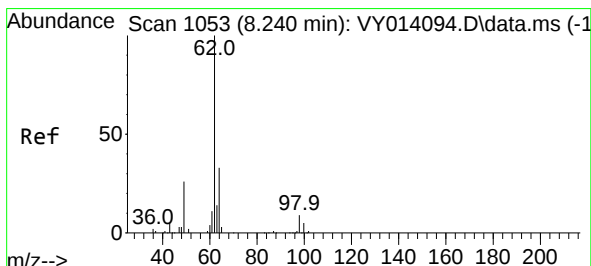
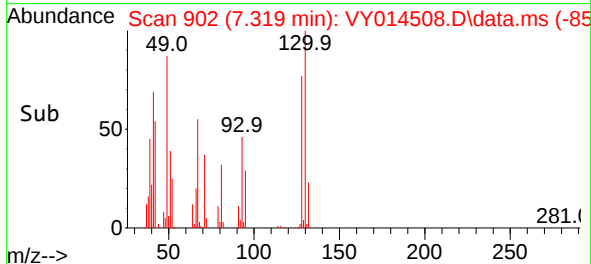
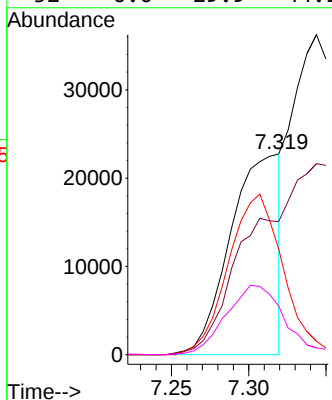
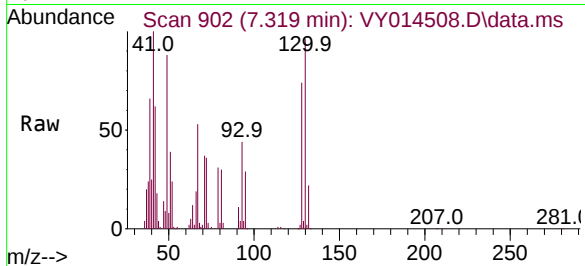




#41
Methacrylonitrile
Concen: 44.311 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

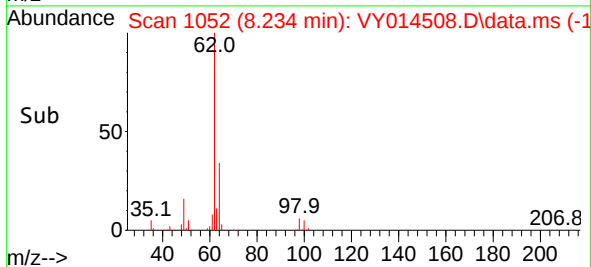
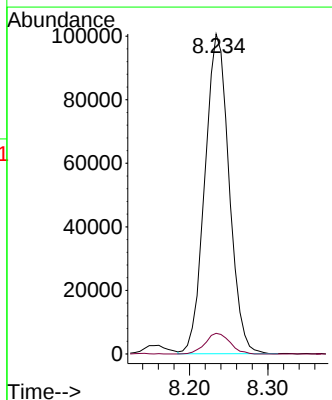
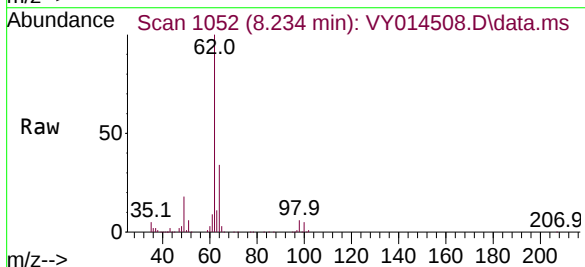
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

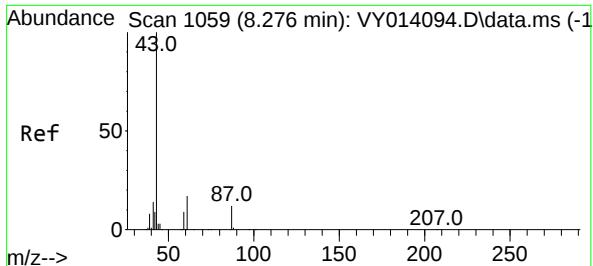
Tgt Ion: 41 Resp: 51241
Ion Ratio Lower Upper
41 100
39 180.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 59.330 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 62 Resp: 215714
Ion Ratio Lower Upper
62 100
98 6.6 0.0 15.8





#43

Isopropyl Acetate

Concen: 41.755 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

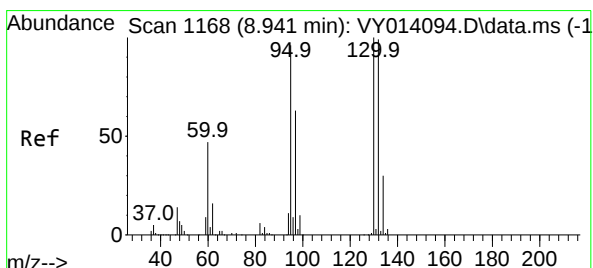
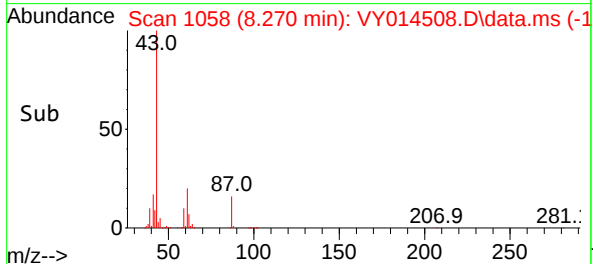
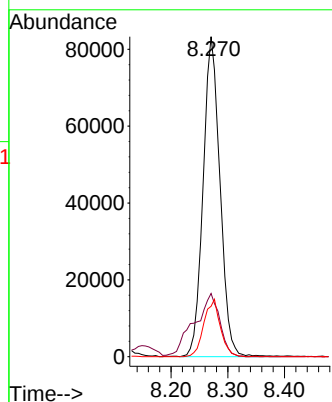
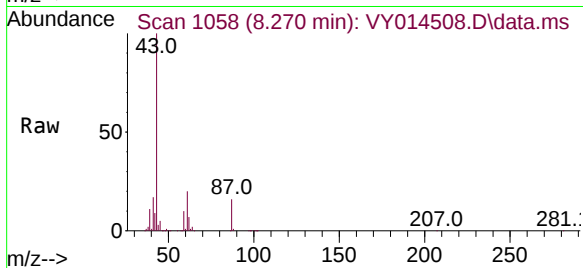
Tgt Ion: 43 Resp: 172040

Ion Ratio Lower Upper

43 100

61 29.7 21.1 31.7

87 17.6 9.8 14.8#



#44

Trichloroethene

Concen: 53.055 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY014508.D

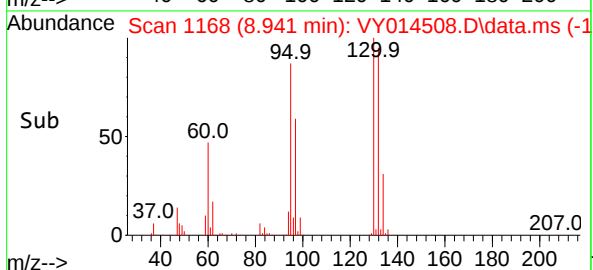
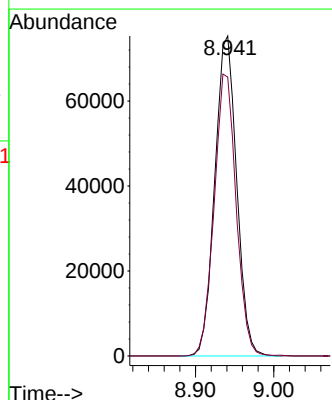
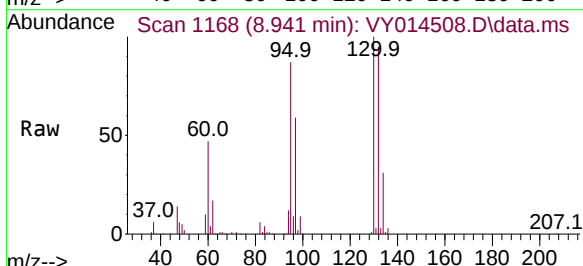
Acq: 29 Jun 2023 19:58

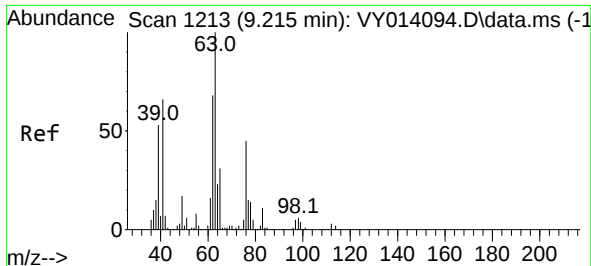
Tgt Ion:130 Resp: 146076

Ion Ratio Lower Upper

130 100

95 87.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 39.572 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

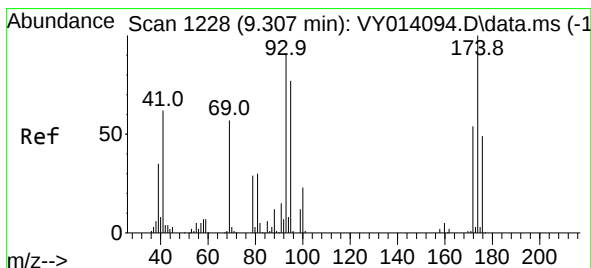
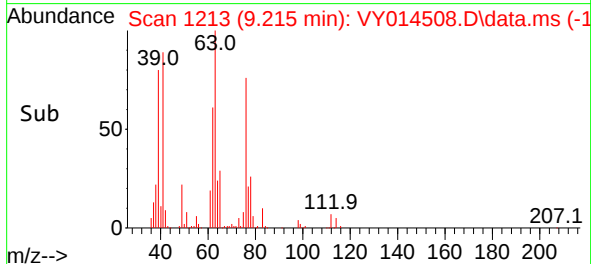
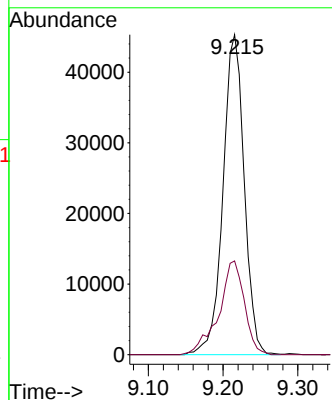
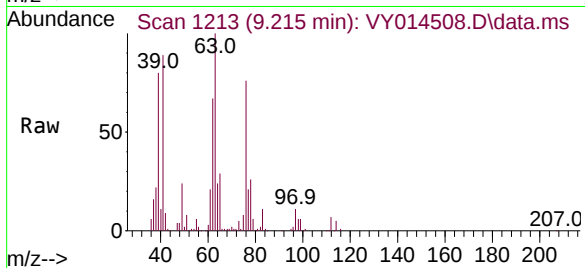
VSTDCCC050EC

Tgt Ion: 63 Resp: 89477

Ion Ratio Lower Upper

63 100

65 29.3 23.8 35.6



#46

Dibromomethane

Concen: 50.802 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

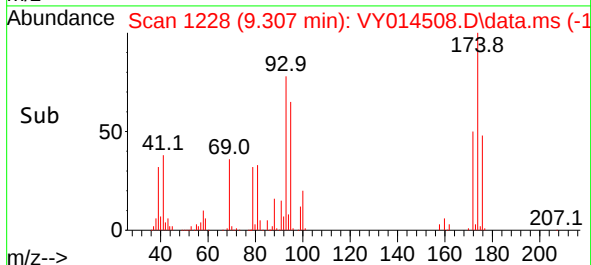
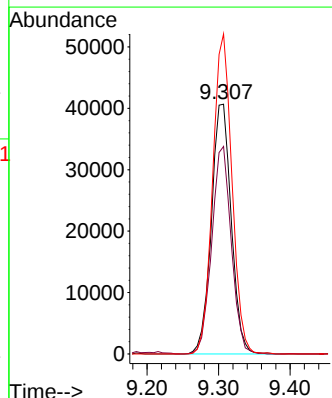
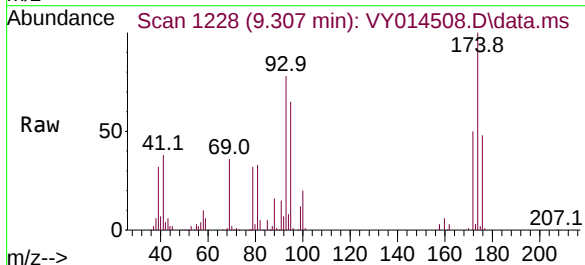
Tgt Ion: 93 Resp: 78498

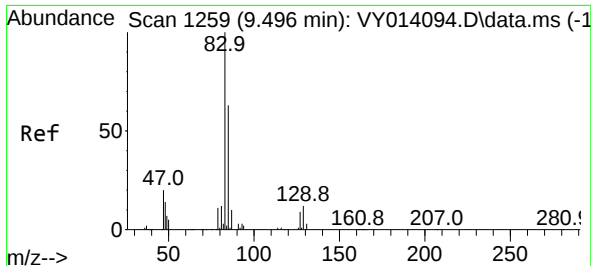
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 123.9 84.8 127.2





#47

Bromodichloromethane

Concen: 54.898 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

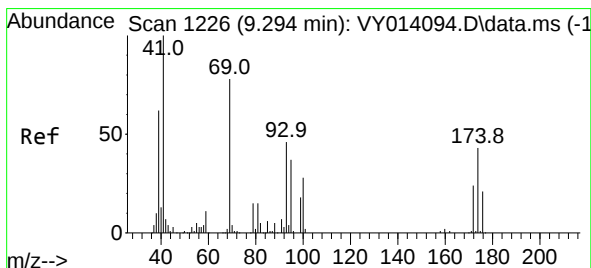
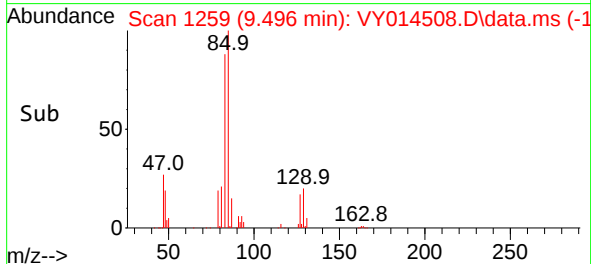
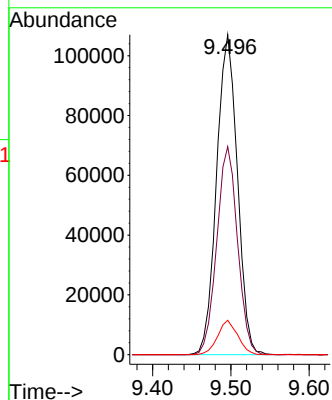
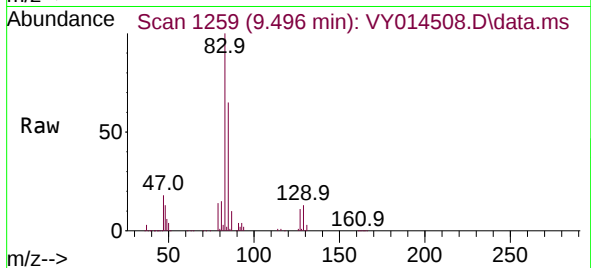
Tgt Ion: 83 Resp: 197715

Ion Ratio Lower Upper

83 100

85 65.0 50.1 75.1

127 10.8 7.1 10.7#



#48

Methyl methacrylate

Concen: 46.500 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

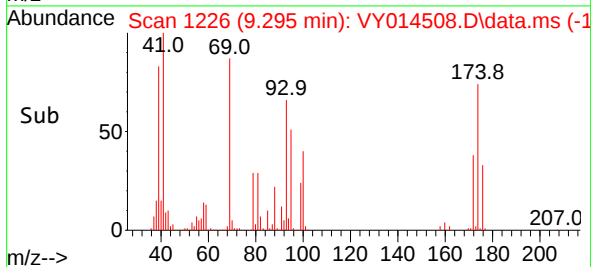
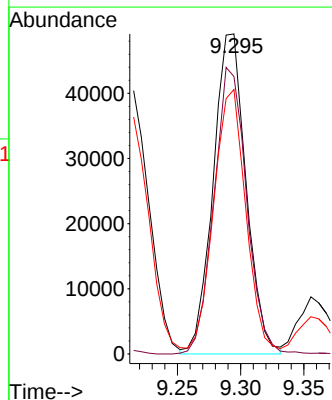
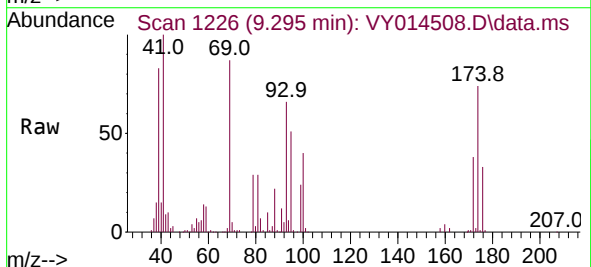
Tgt Ion: 41 Resp: 88984

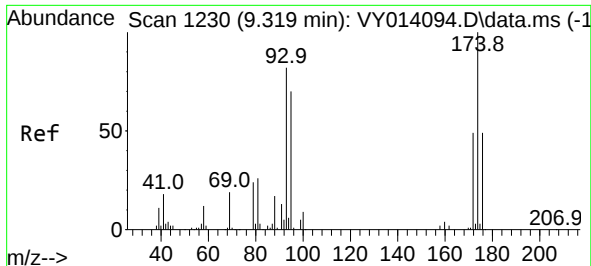
Ion Ratio Lower Upper

41 100

69 89.1 64.5 96.7

39 80.8 50.8 76.2#





#49

1,4-Dioxane

Concen: 1168.767 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.018 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

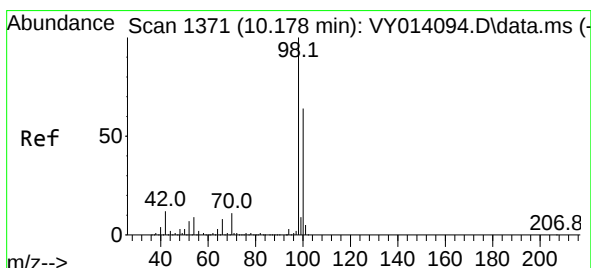
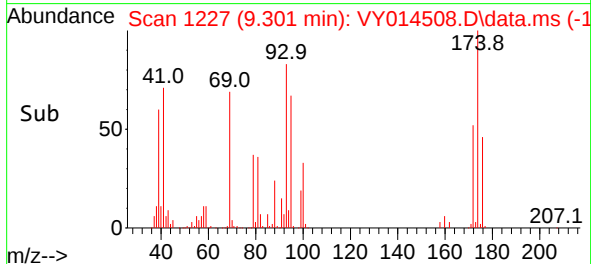
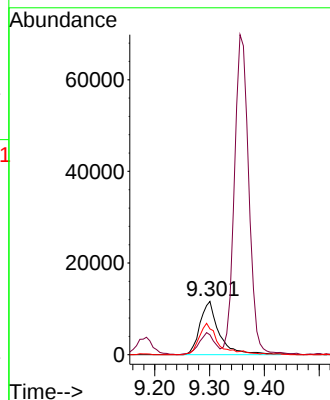
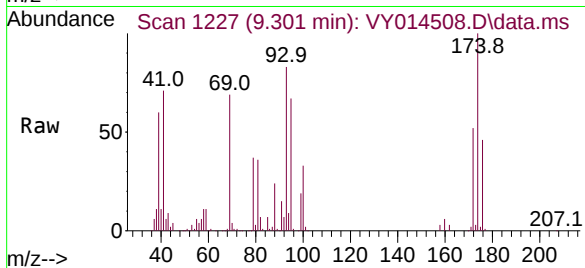
Tgt Ion: 88 Resp: 28238

Ion Ratio Lower Upper

88 100

43 33.5 0.0 0.0#

58 59.3 30.9 46.3#



#50

Toluene-d8

Concen: 51.266 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014508.D

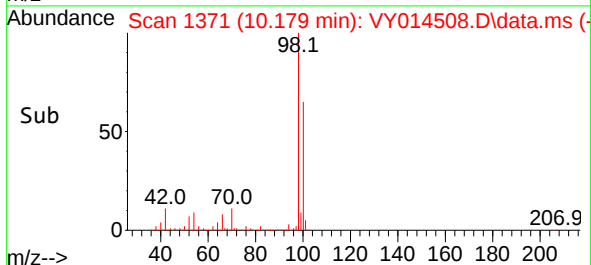
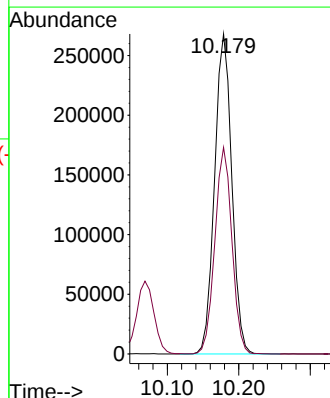
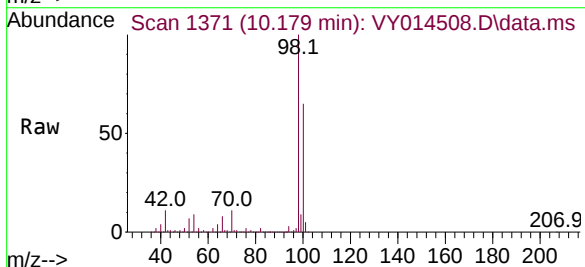
Acq: 29 Jun 2023 19:58

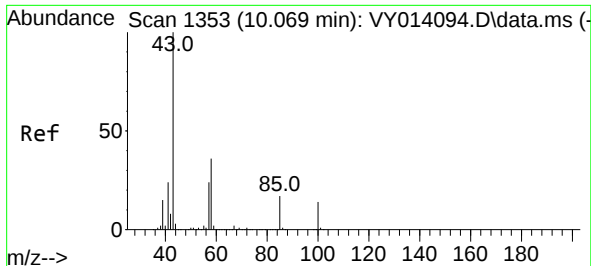
Tgt Ion: 98 Resp: 447759

Ion Ratio Lower Upper

98 100

100 64.0 50.1 75.1

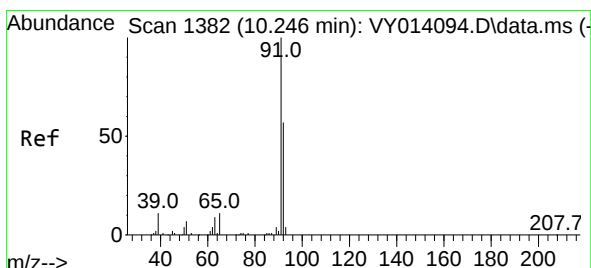
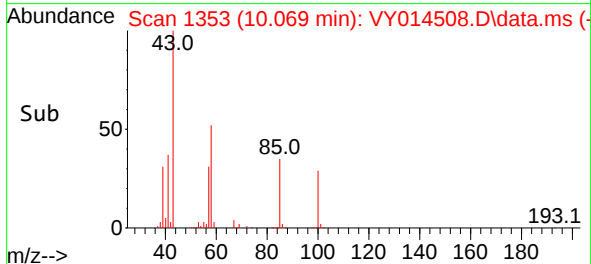
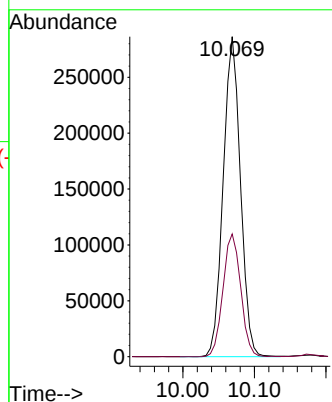
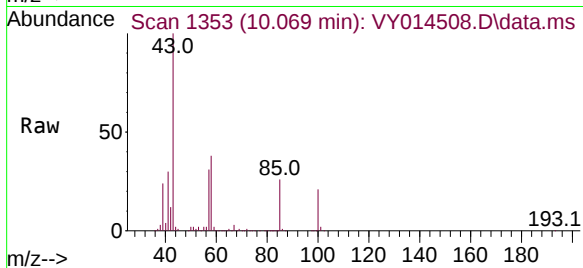




#51
4-Methyl-2-Pentanone
Concen: 206.202 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

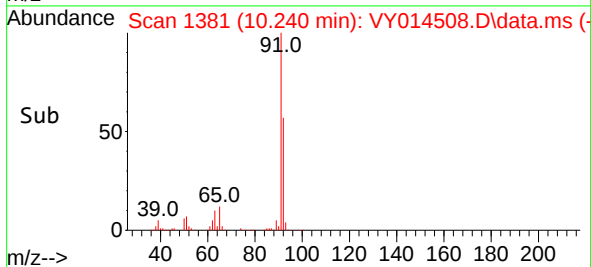
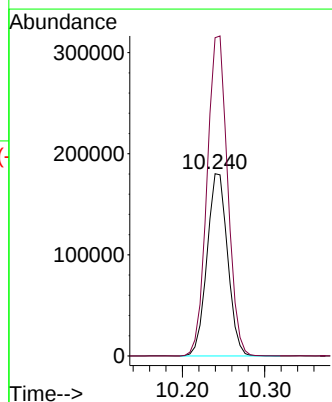
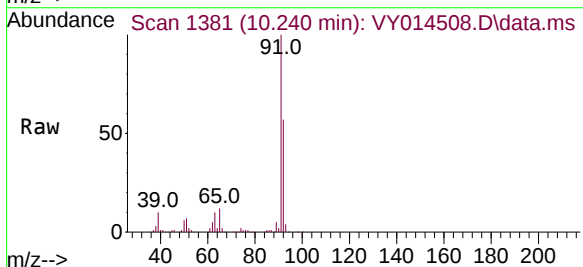
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

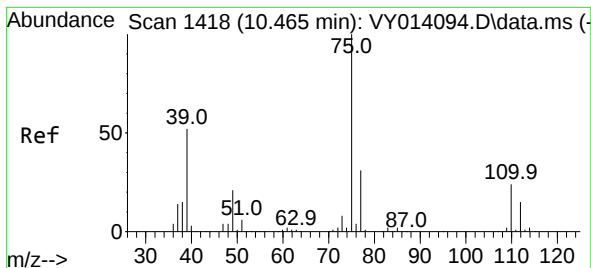
Tgt Ion: 43 Resp: 479510
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 50.818 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 92 Resp: 313558
Ion Ratio Lower Upper
92 100
91 175.5 143.8 215.6

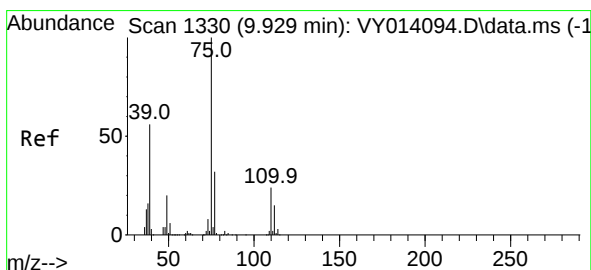
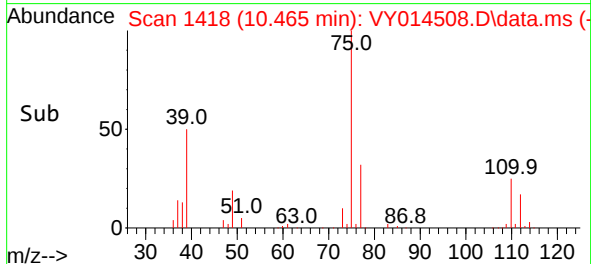
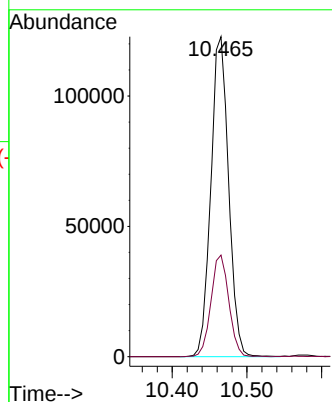
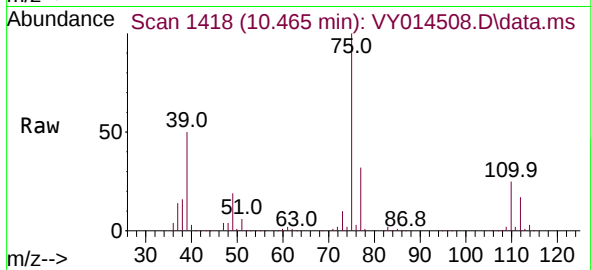




#53
t-1,3-Dichloropropene
Concen: 51.876 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

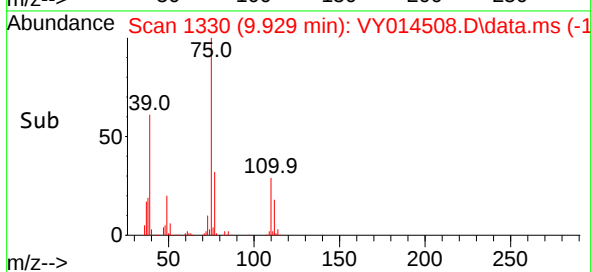
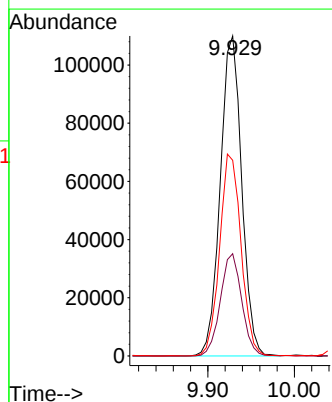
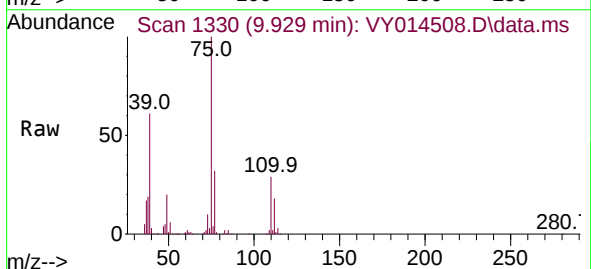
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

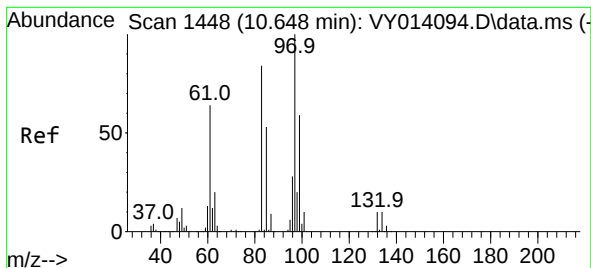
Tgt Ion: 75 Resp: 202558
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 46.910 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 75 Resp: 188928
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 61.1 42.2 63.4

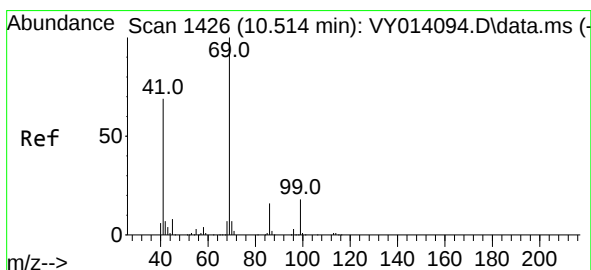
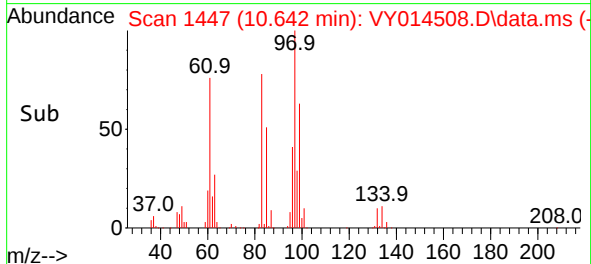
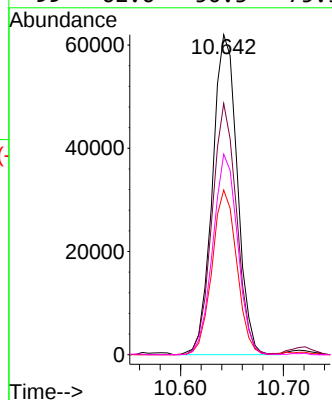
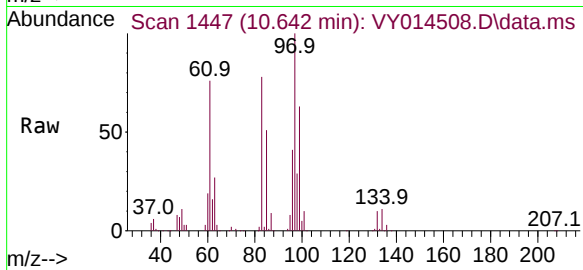




#55
1,1,2-Trichloroethane
Concen: 50.290 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

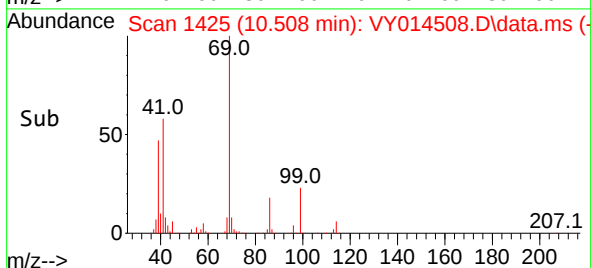
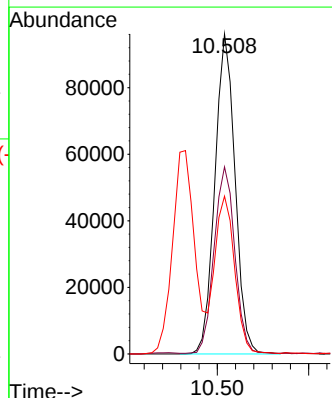
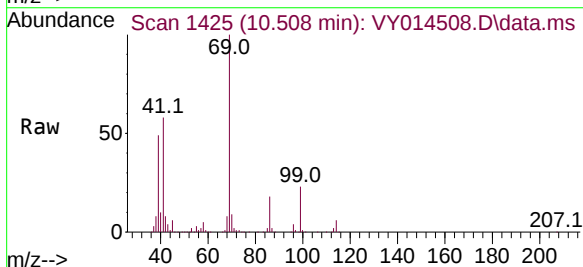
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

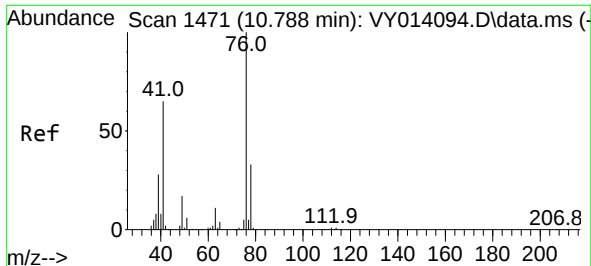
Tgt Ion:	97	Resp:	104055
Ion	Ratio	Lower	Upper
97	100		
83	78.4	72.0	108.0
85	51.3	45.4	68.0
99	62.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.825 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion:	69	Resp:	147231
Ion	Ratio	Lower	Upper
69	100		
41	59.9	57.6	86.4
39	47.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.030 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

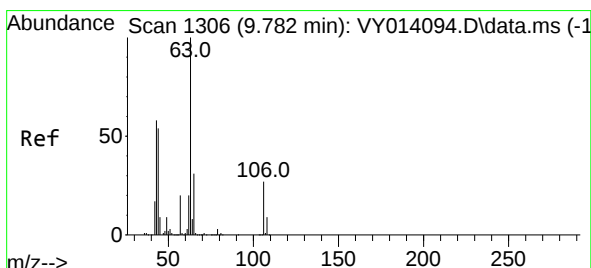
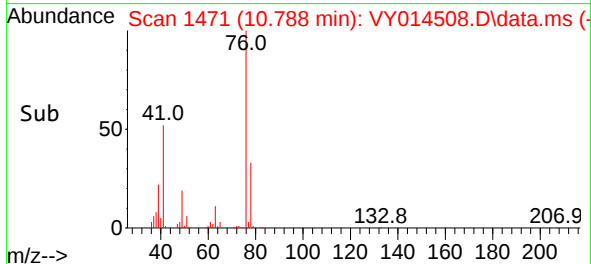
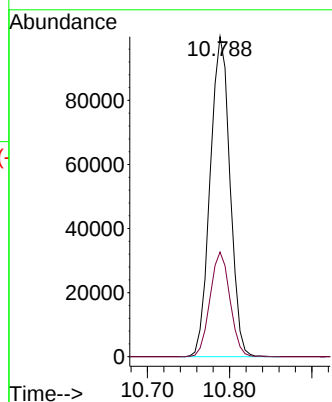
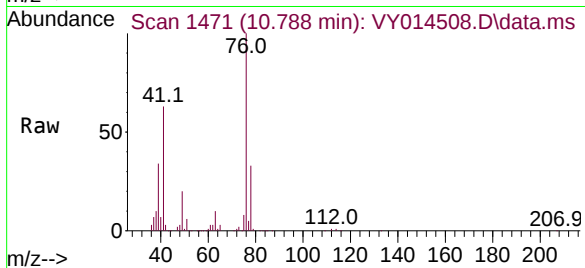
VSTDCCC050EC

Tgt Ion: 76 Resp: 167154

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 220.473 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014508.D

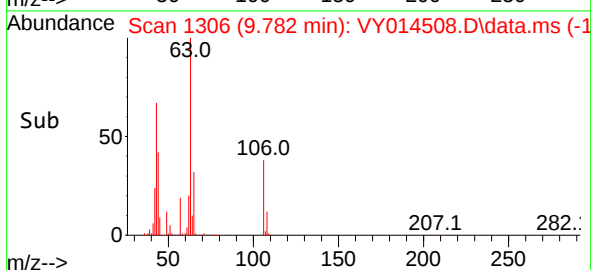
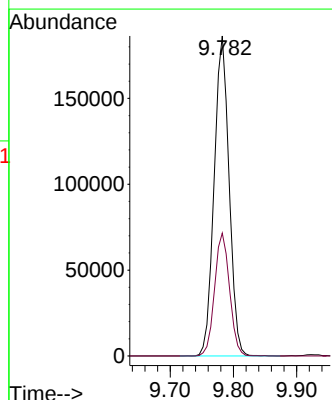
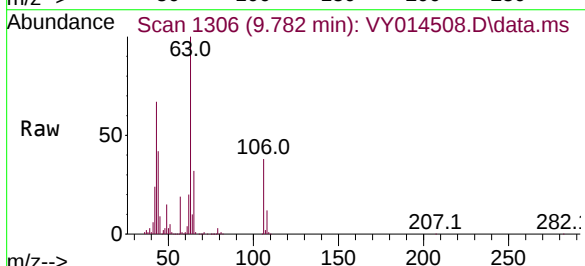
Acq: 29 Jun 2023 19:58

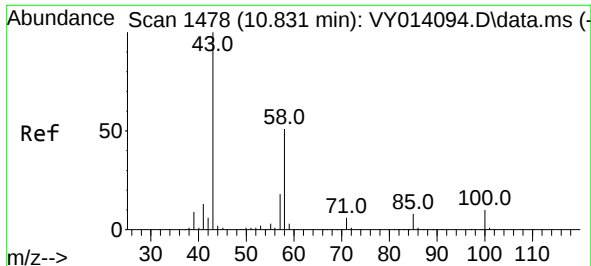
Tgt Ion: 63 Resp: 305172

Ion Ratio Lower Upper

63 100

106 38.4 21.2 31.8#

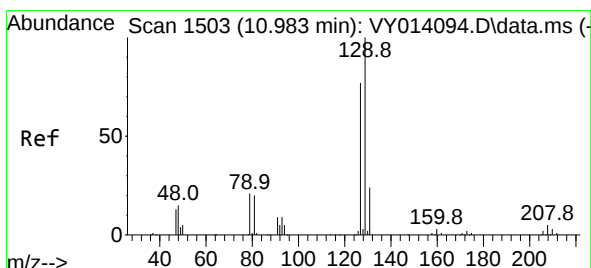
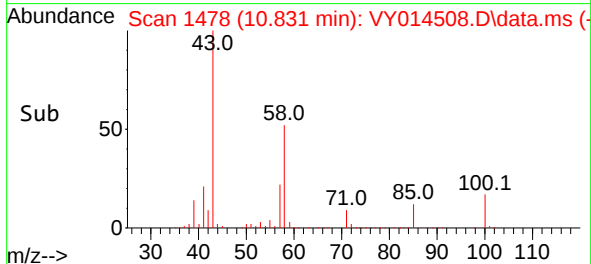
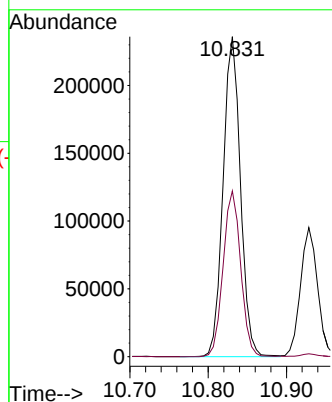
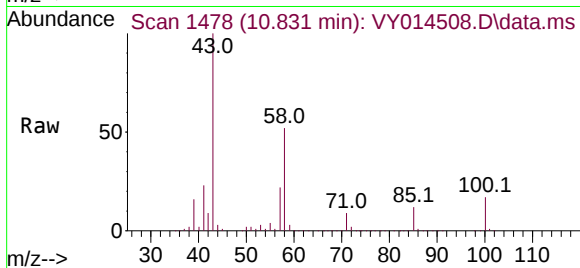




#59
2-Hexanone
Concen: 207.743 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

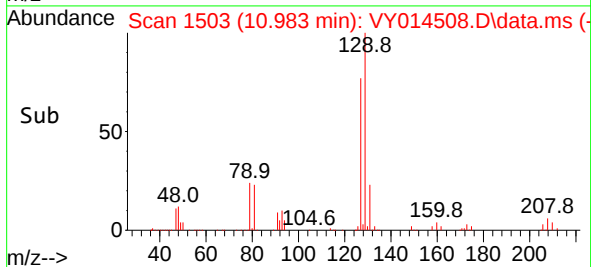
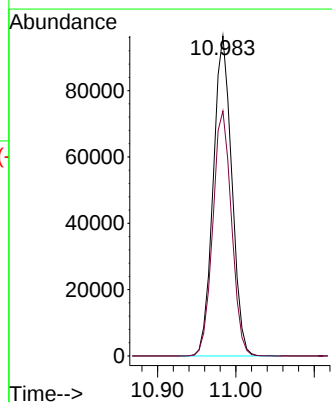
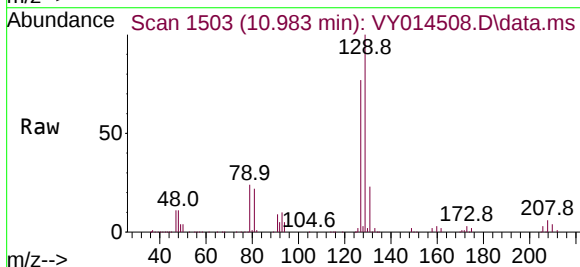
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 364026
Ion Ratio Lower Upper
43 100
58 52.5 25.1 75.3



#60
Dibromochloromethane
Concen: 57.869 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 129 Resp: 158836
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

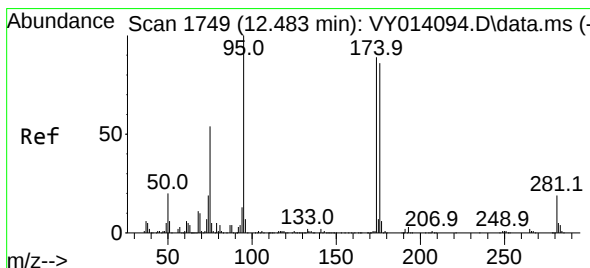
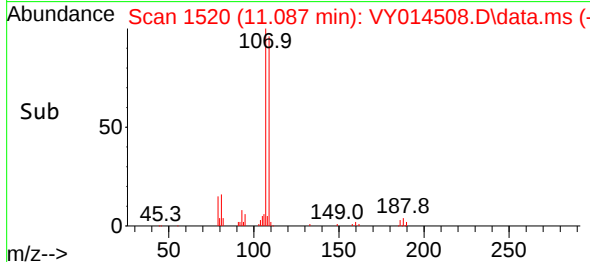
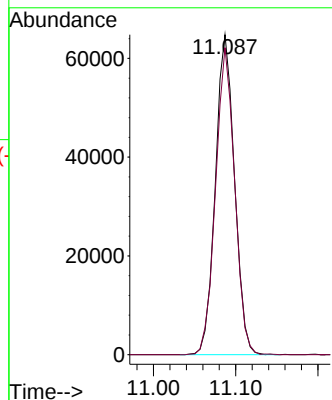
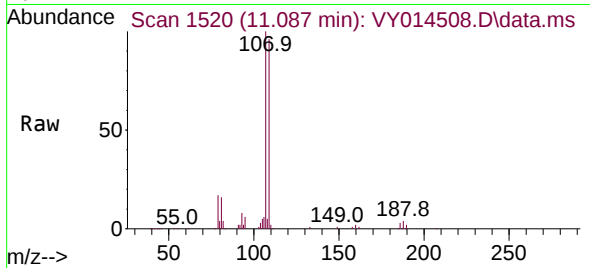




#61
1,2-Dibromoethane
Concen: 50.826 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

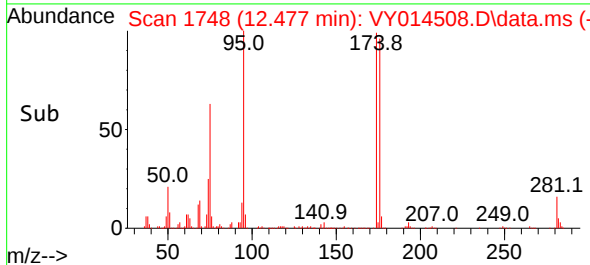
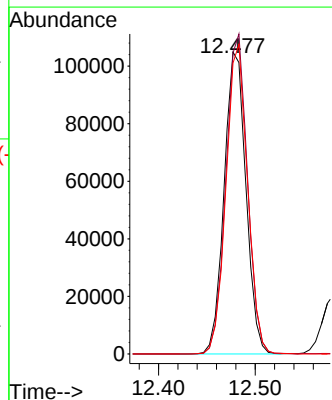
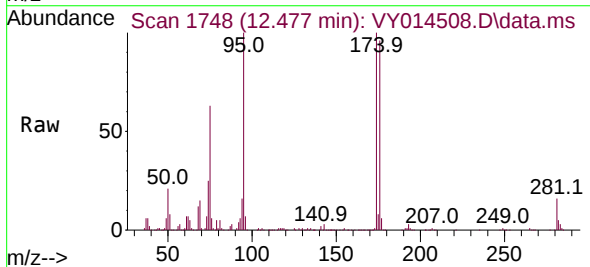
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

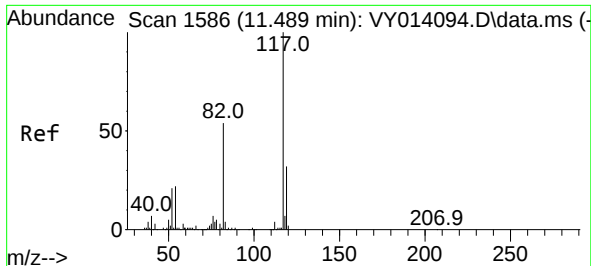
Tgt Ion:107 Resp: 104708
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.578 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 95 Resp: 163943
Ion Ratio Lower Upper
95 100
174 104.7 0.0 178.2
176 101.2 0.0 173.8

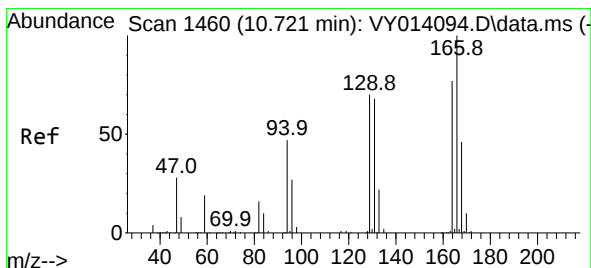
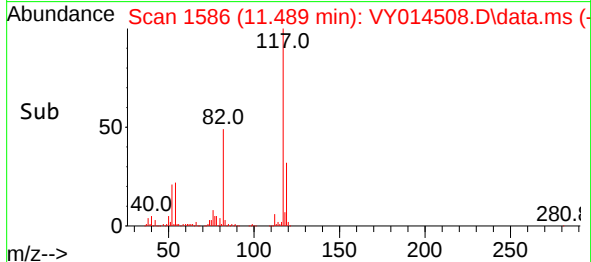
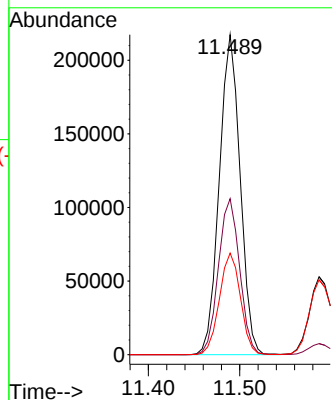
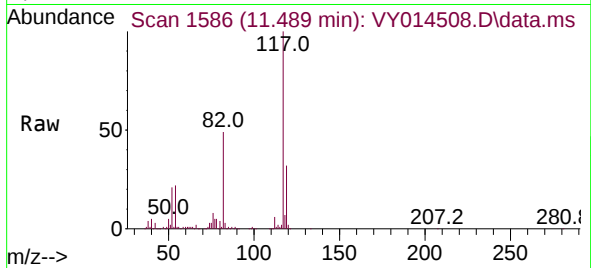




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

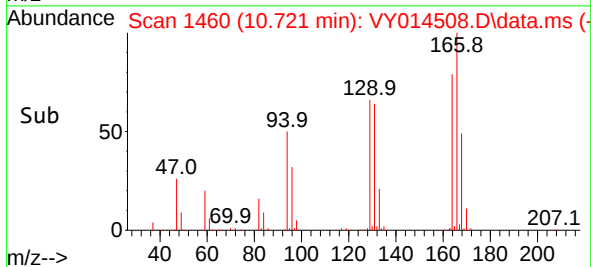
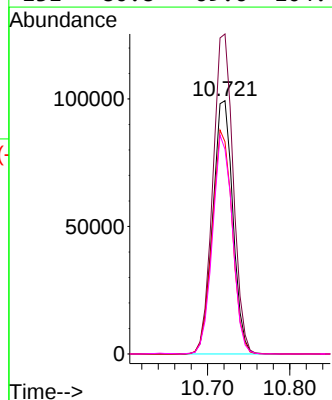
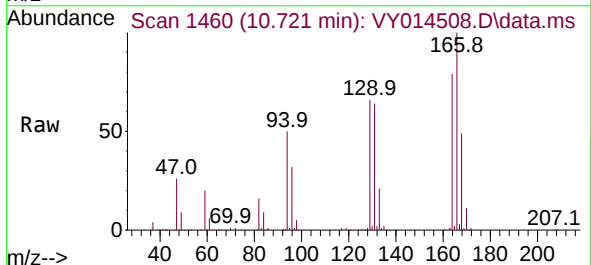
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

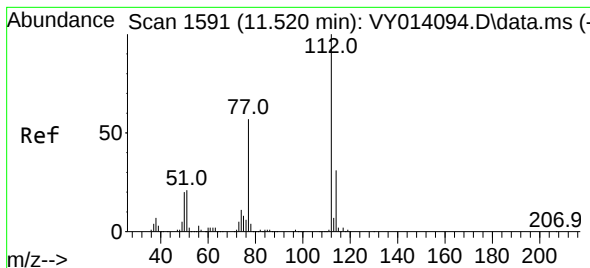
Tgt Ion:117 Resp: 344461
Ion Ratio Lower Upper
117 100
82 48.8 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 57.665 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion:164 Resp: 169029
Ion Ratio Lower Upper
164 100
166 126.4 103.0 154.6
129 83.8 77.2 115.8
131 80.8 69.6 104.4





#65

Chlorobenzene

Concen: 51.596 ug/l

RT: 11.514 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

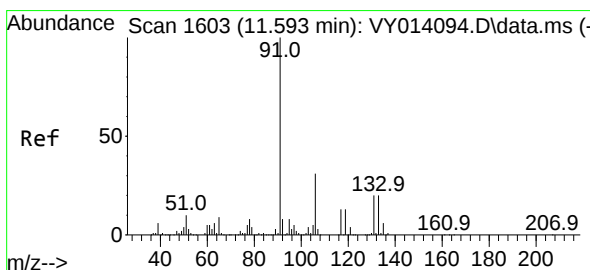
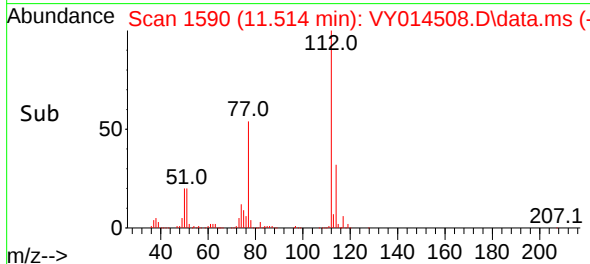
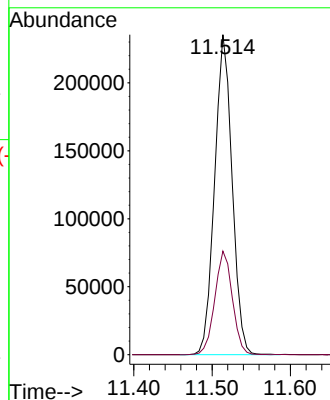
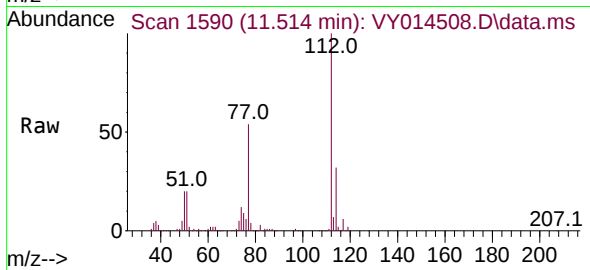
VSTDCCC050EC

Tgt Ion:112 Resp: 365125

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 56.579 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

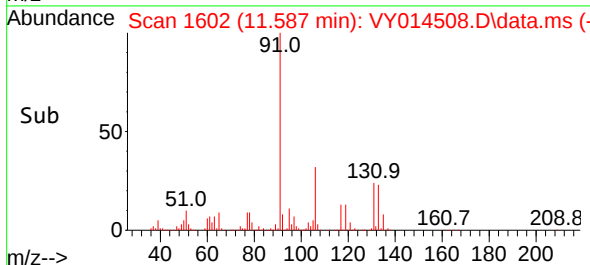
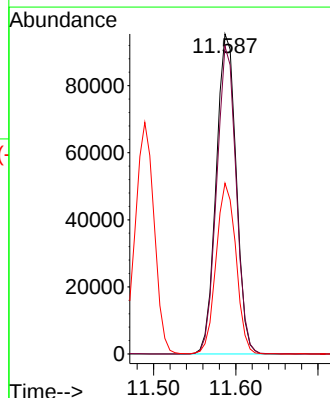
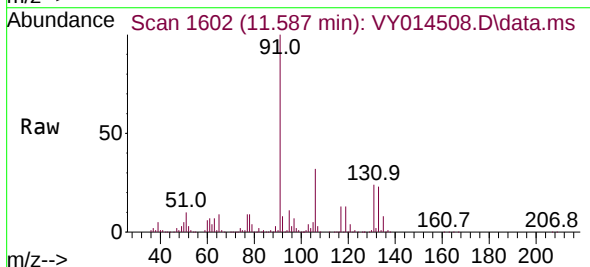
Tgt Ion:131 Resp: 161285

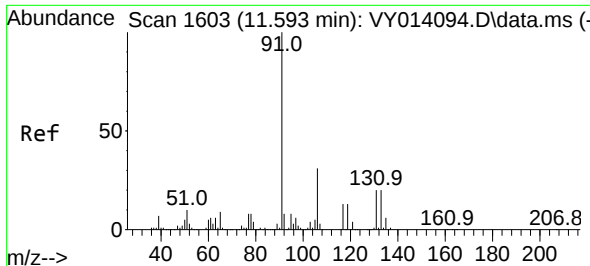
Ion Ratio Lower Upper

131 100

133 94.0 47.5 142.6

119 53.0 31.6 94.7

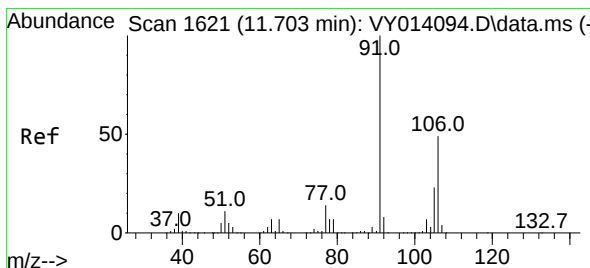
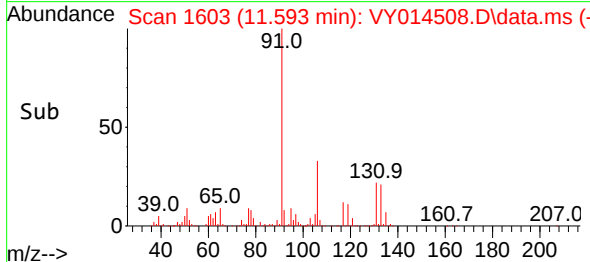
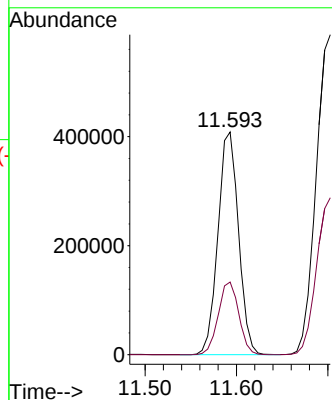
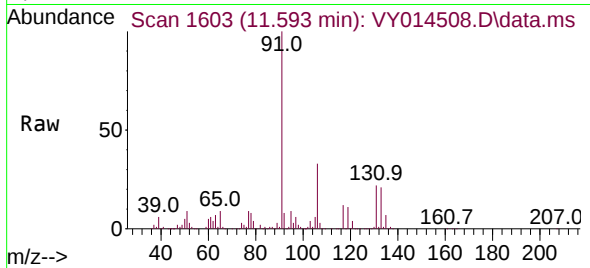




#67
Ethyl Benzene
Concen: 50.718 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

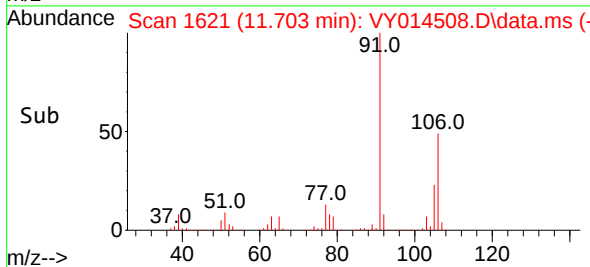
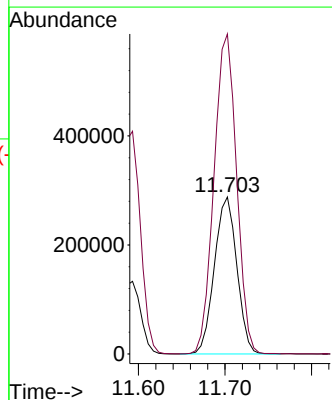
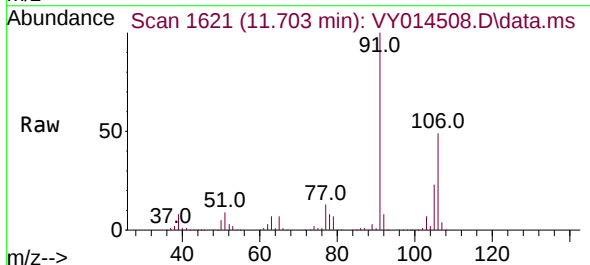
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

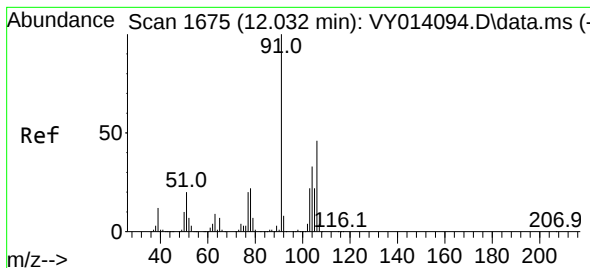
Tgt Ion: 91 Resp: 639117
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8



#68
m/p-Xylenes
Concen: 105.274 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion:106 Resp: 518144
Ion Ratio Lower Upper
106 100
91 205.4 166.1 249.1





#69

o-Xylene

Concen: 53.655 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

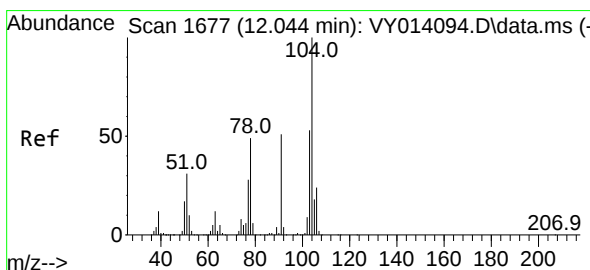
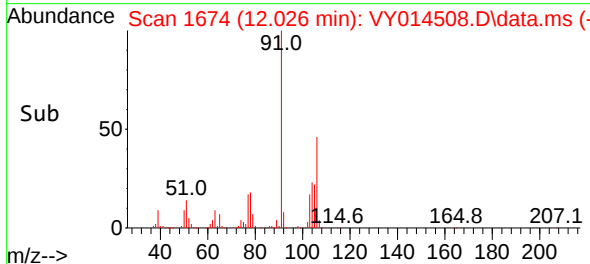
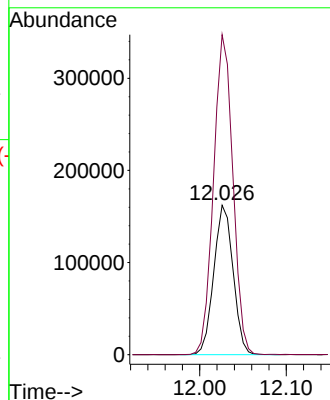
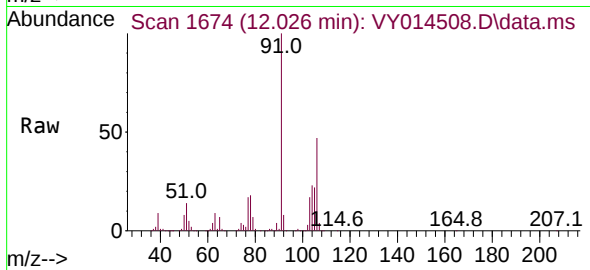
VSTDCCC050EC

Tgt Ion:106 Resp: 251282

Ion Ratio Lower Upper

106 100

91 214.8 108.1 324.3



#70

Styrene

Concen: 54.125 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

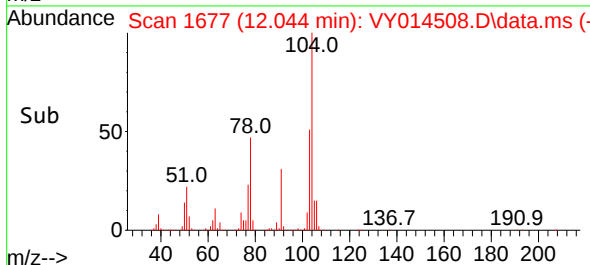
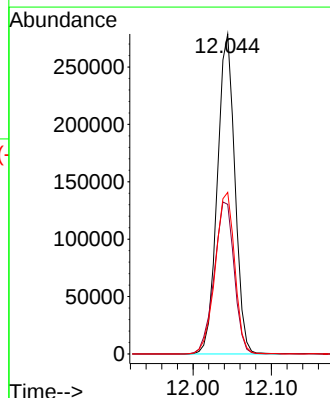
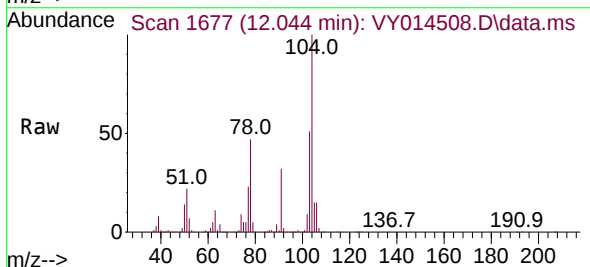
Tgt Ion:104 Resp: 434457

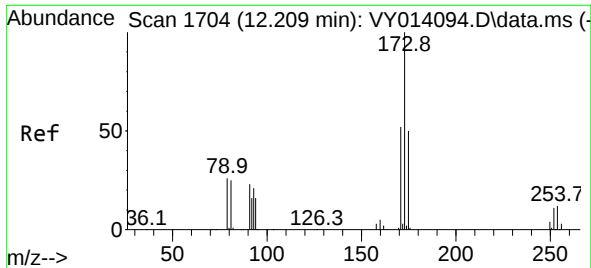
Ion Ratio Lower Upper

104 100

78 53.9 41.5 62.3

103 56.0 44.6 67.0

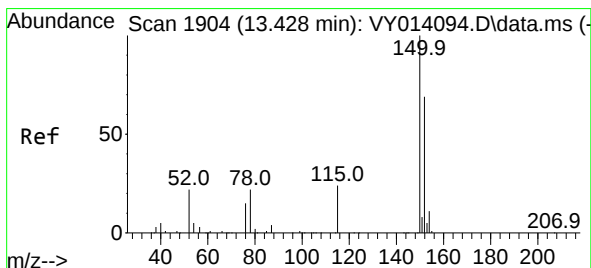
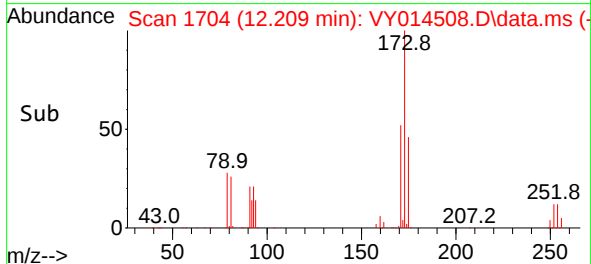
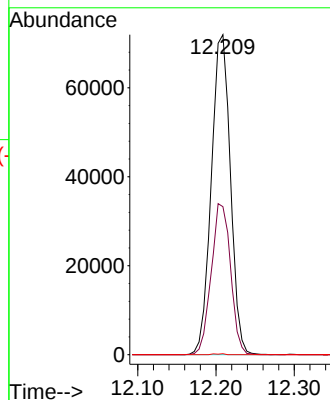
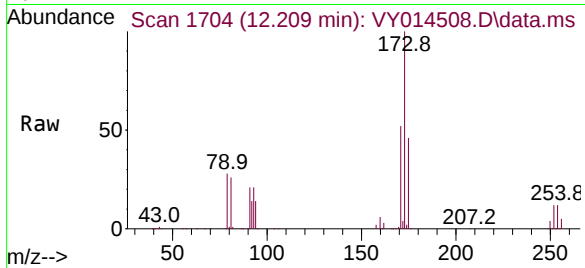




#71
Bromoform
Concen: 57.823 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

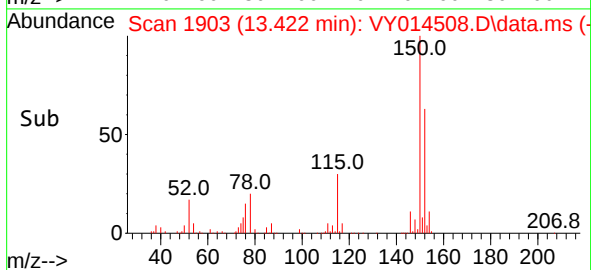
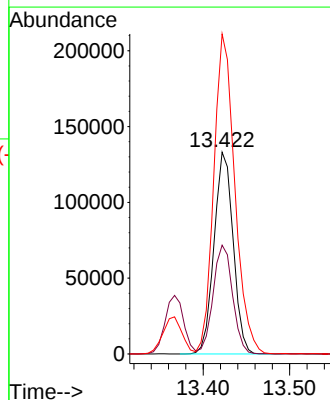
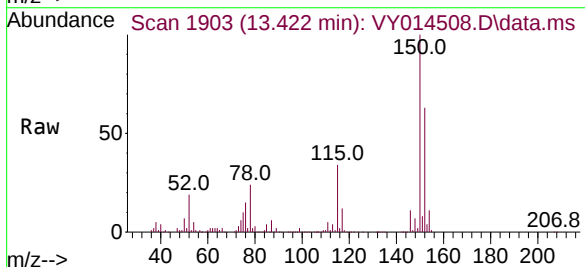
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

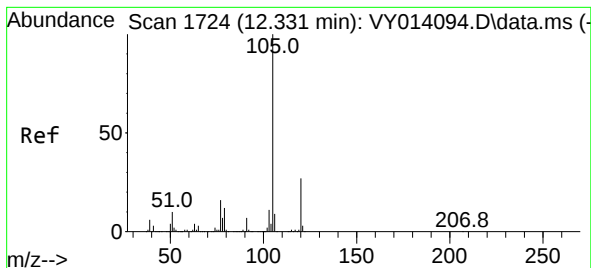
Tgt Ion:173 Resp: 121821
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion:152 Resp: 204088
Ion Ratio Lower Upper
152 100
115 54.9 28.8 86.5
150 174.4 0.0 348.8





#73

Isopropylbenzene

Concen: 48.539 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

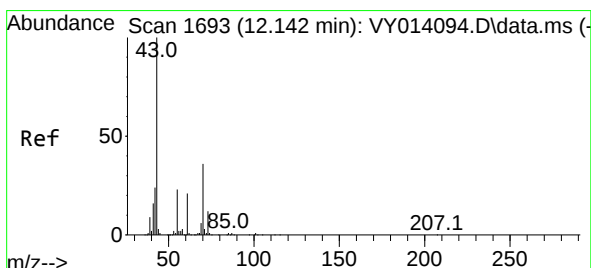
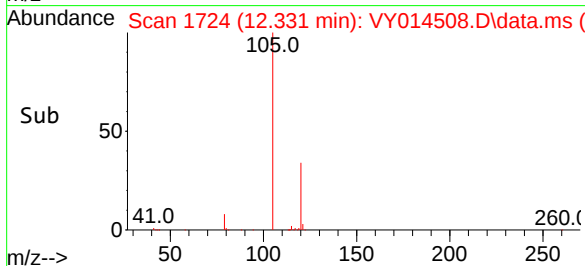
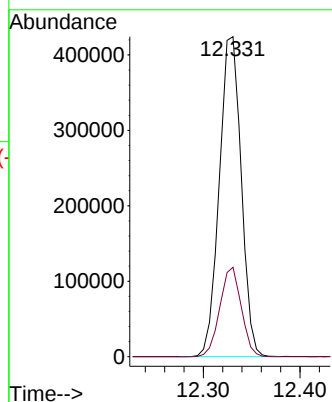
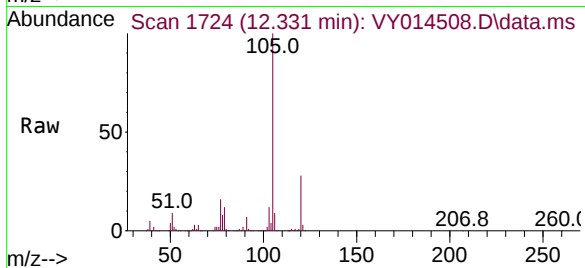
VSTDCCC050EC

Tgt Ion:105 Resp: 667035

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 35.150 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Tgt Ion: 43 Resp: 152977

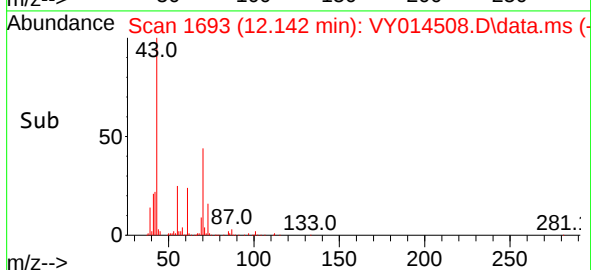
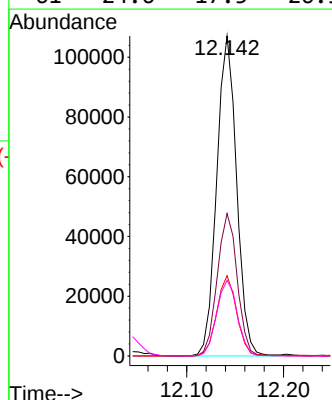
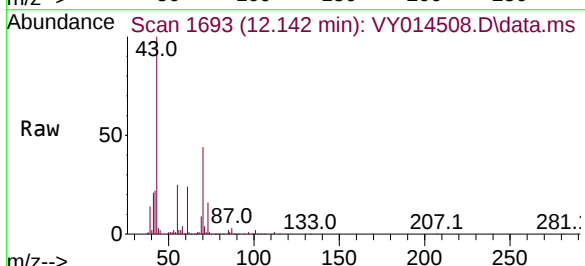
Ion Ratio Lower Upper

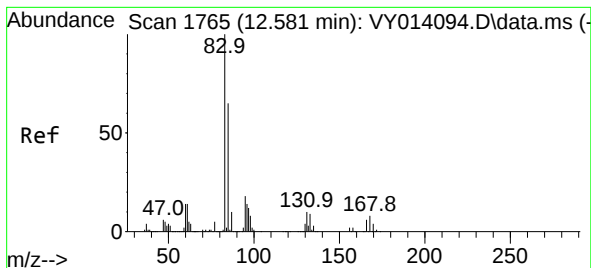
43 100

70 44.7 29.7 44.5#

55 25.2 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 39.491 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

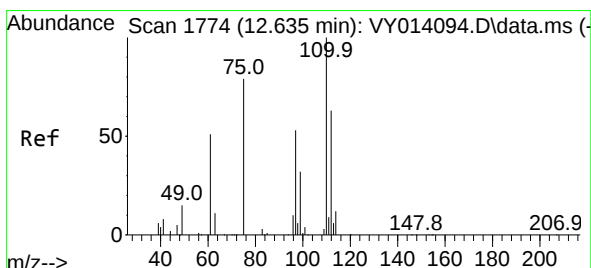
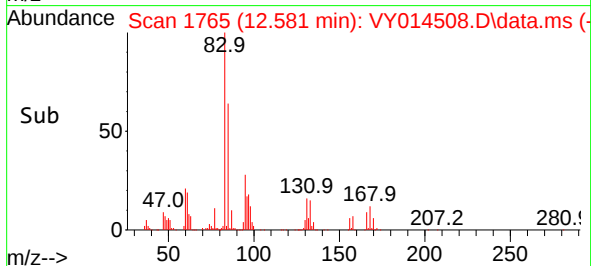
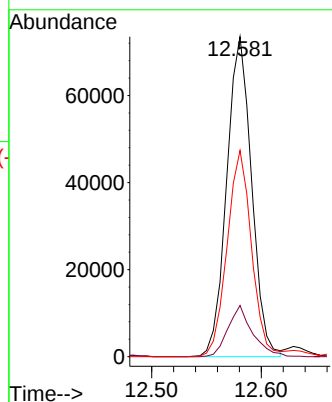
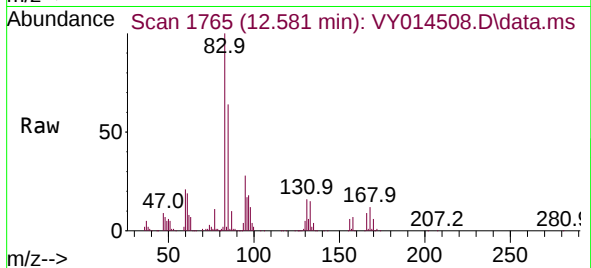
Tgt Ion: 83 Resp: 115982

Ion Ratio Lower Upper

83 100

131 15.8 5.4 16.2

85 63.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 39.424 ug/l m

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014508.D

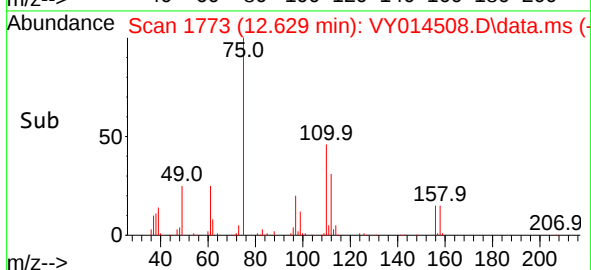
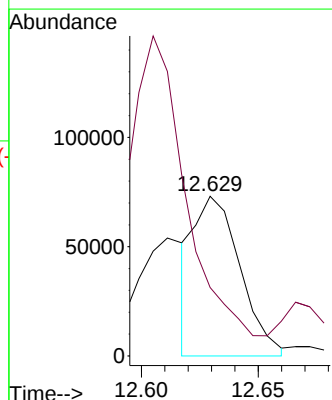
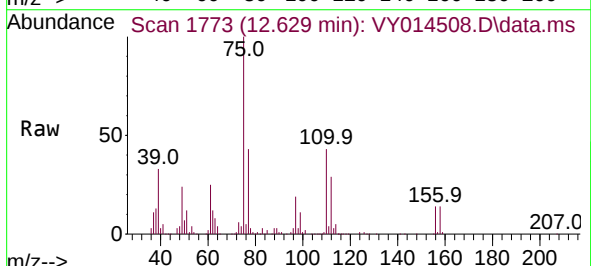
Acq: 29 Jun 2023 19:58

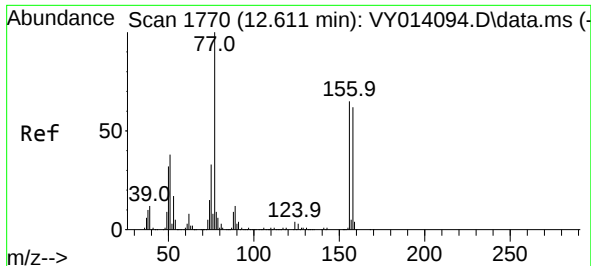
Tgt Ion: 75 Resp: 100929

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

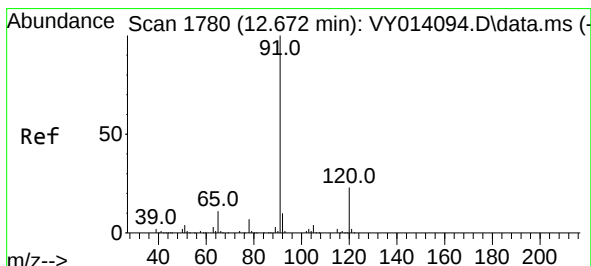
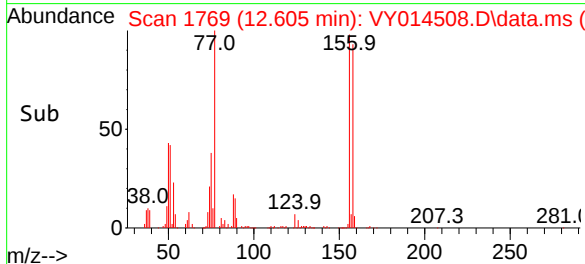
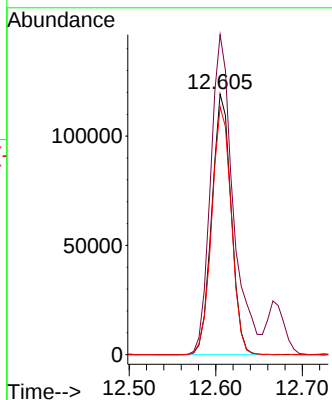
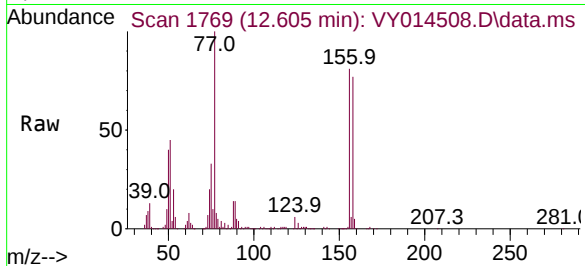




#77
Bromobenzene
Concen: 51.789 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

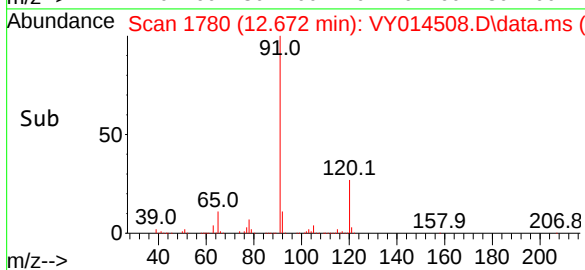
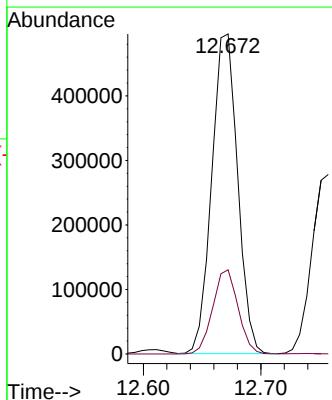
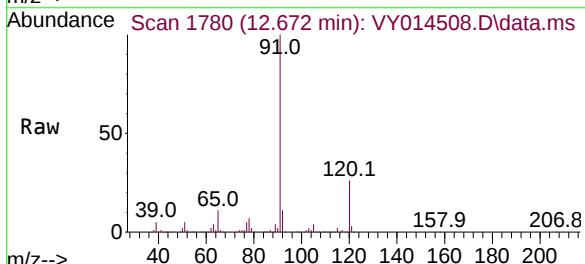
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

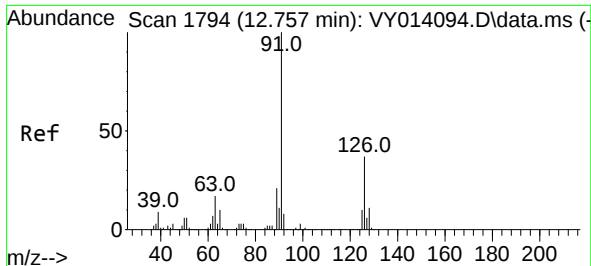
Tgt Ion:156 Resp: 185049
Ion Ratio Lower Upper
156 100
77 144.2 92.8 278.6
158 96.1 48.4 145.3



#78
n-propylbenzene
Concen: 45.690 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 91 Resp: 757517
Ion Ratio Lower Upper
91 100
120 25.8 11.5 34.4

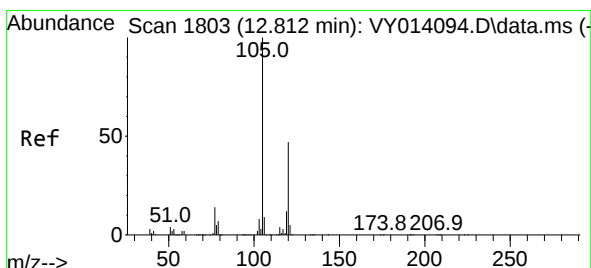
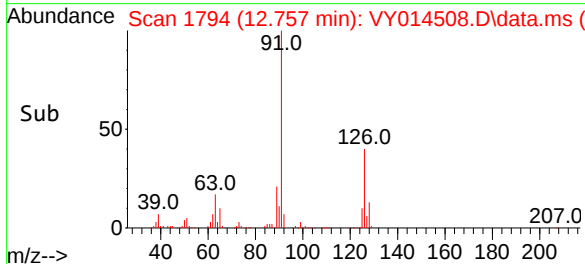
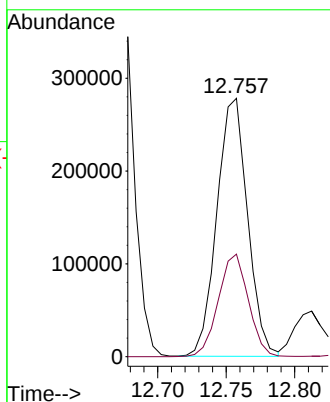
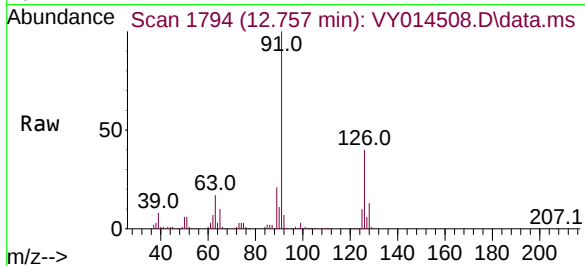




#79
2-Chlorotoluene
Concen: 45.824 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

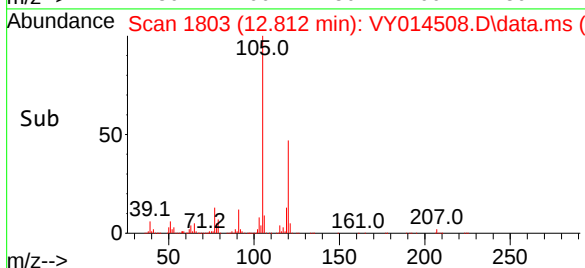
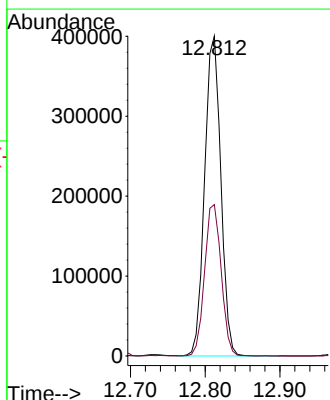
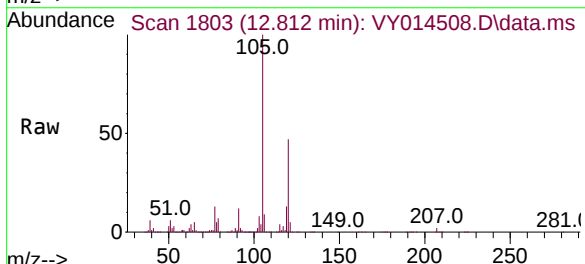
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

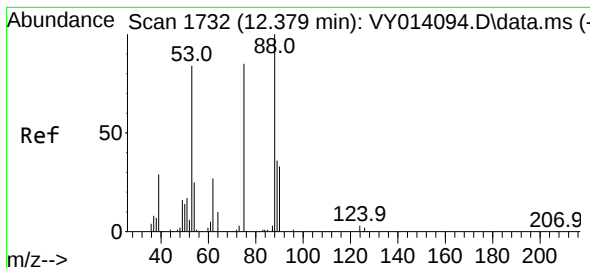
Tgt Ion: 91 Resp: 433887
Ion Ratio Lower Upper
91 100
126 38.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.641 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 105 Resp: 602017
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

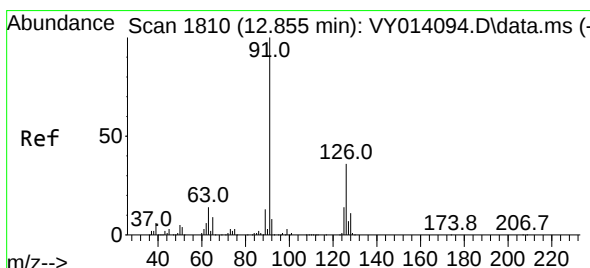
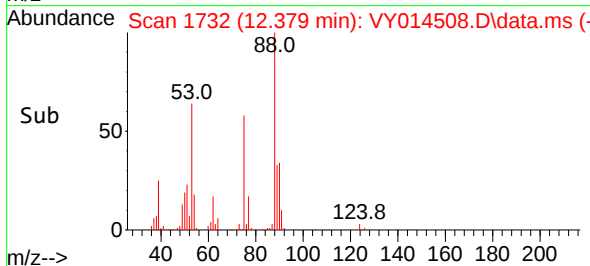
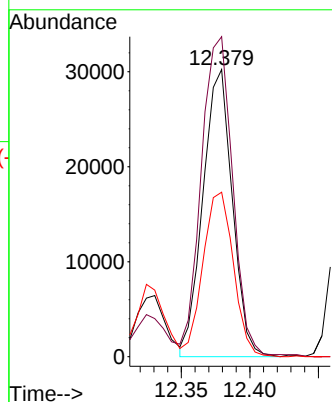
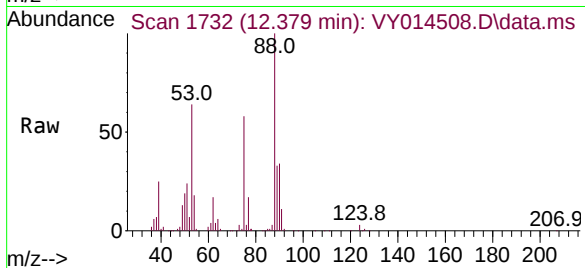




#81
trans-1,4-Dichloro-2-butene
Concen: 40.137 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

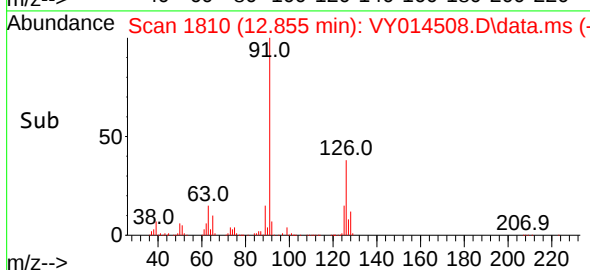
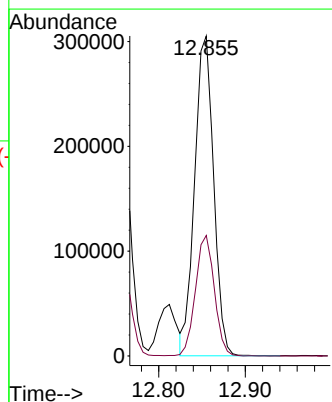
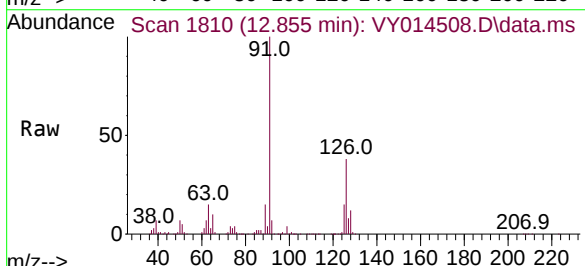
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

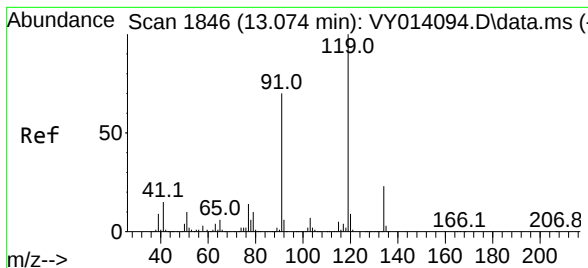
Tgt Ion: 75 Resp: 45134
Ion Ratio Lower Upper
75 100
53 118.8 77.8 116.8#
89 59.4 37.4 56.0#



#82
4-Chlorotoluene
Concen: 46.094 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 91 Resp: 464941
Ion Ratio Lower Upper
91 100
126 37.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.029 ug/l

RT: 13.074 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

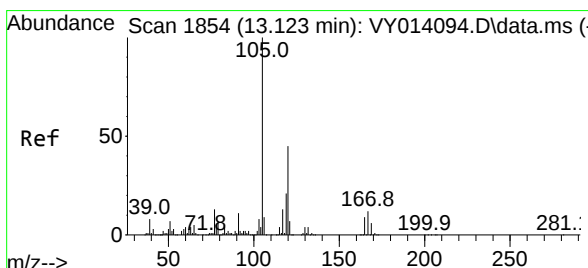
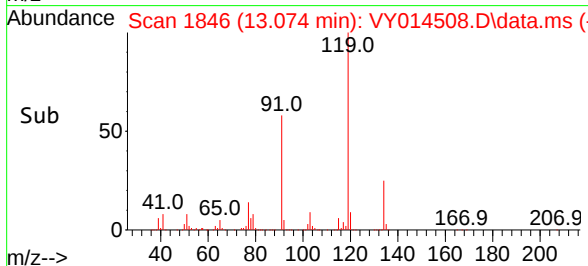
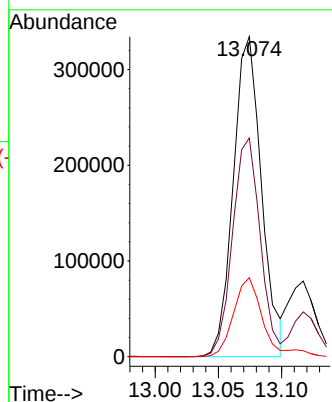
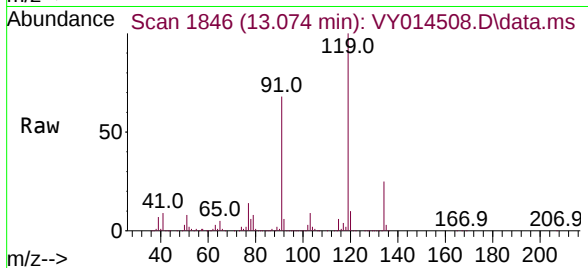
Tgt Ion:119 Resp: 520053

Ion Ratio Lower Upper

119 100

91 67.1 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.418 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014508.D

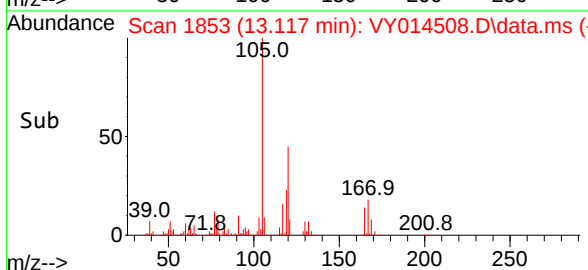
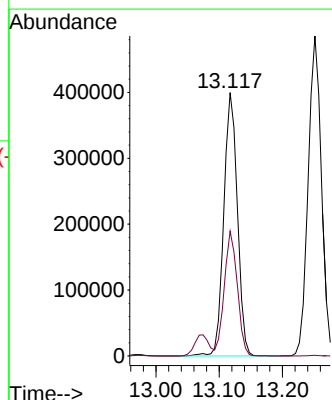
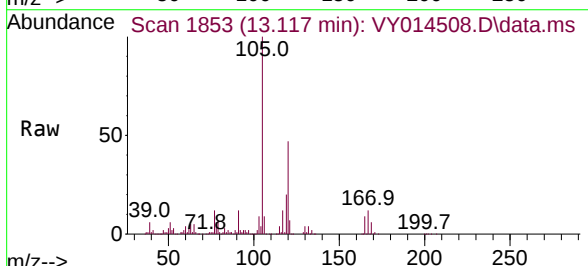
Acq: 29 Jun 2023 19:58

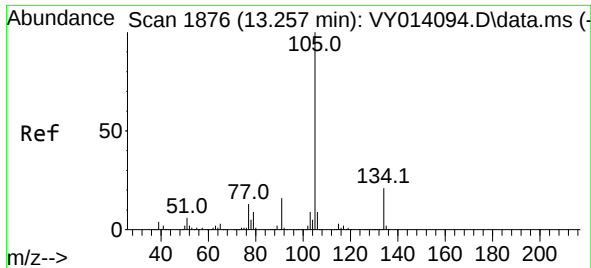
Tgt Ion:105 Resp: 593910

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

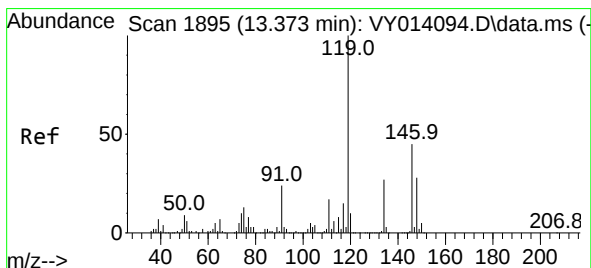
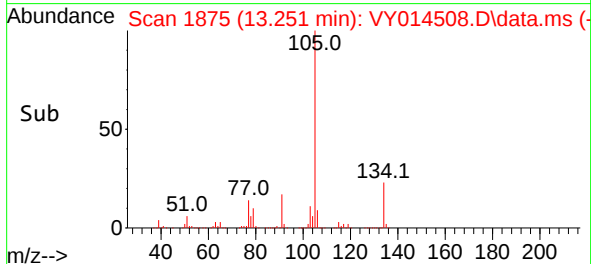
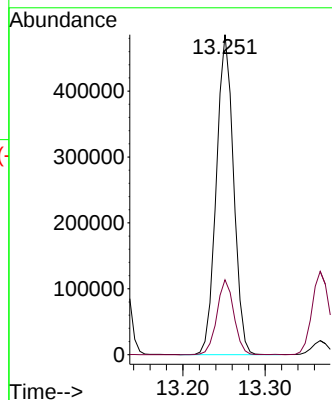
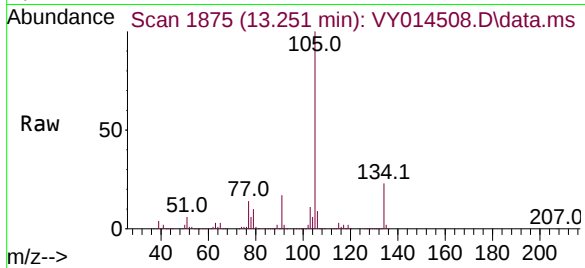




#85
 sec-Butylbenzene
 Concen: 47.868 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

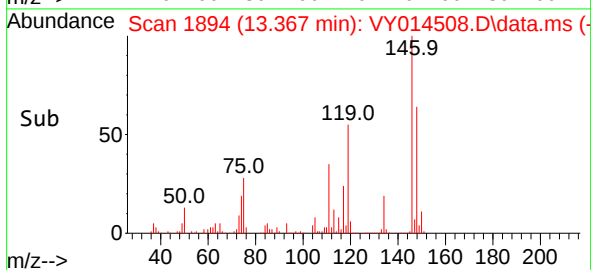
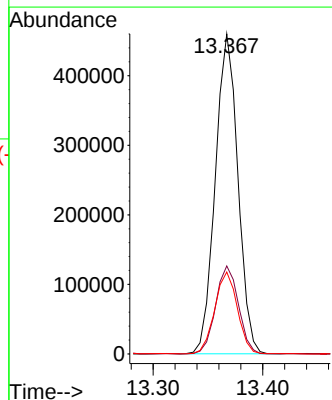
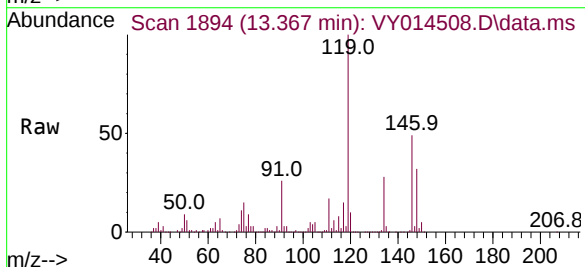
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

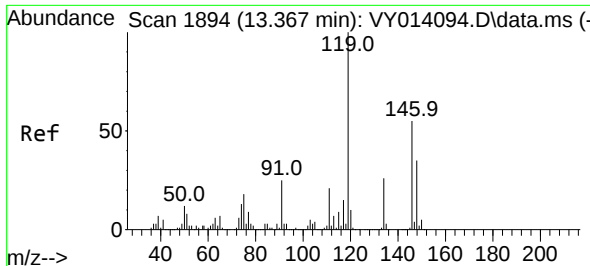
Tgt Ion:105 Resp: 705476
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.674 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

Tgt Ion:119 Resp: 659377
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 25.5 12.4 37.4

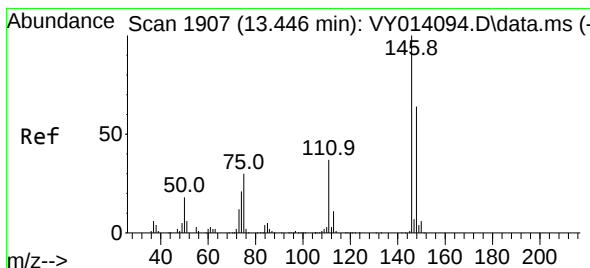
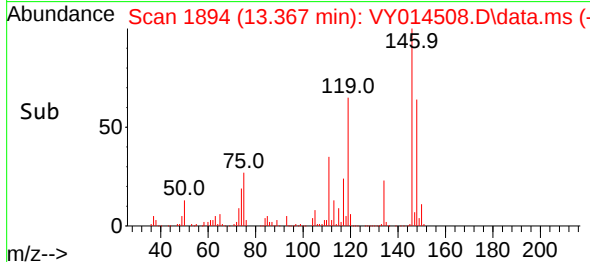
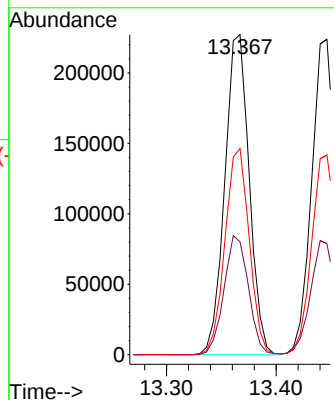
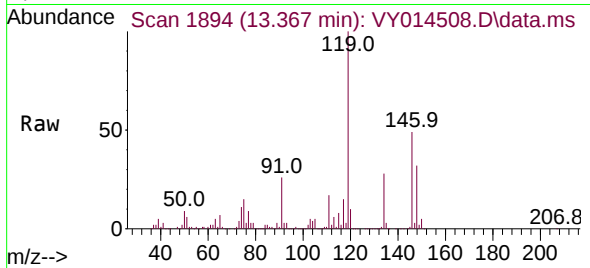




#87
1,3-Dichlorobenzene
Concen: 50.989 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

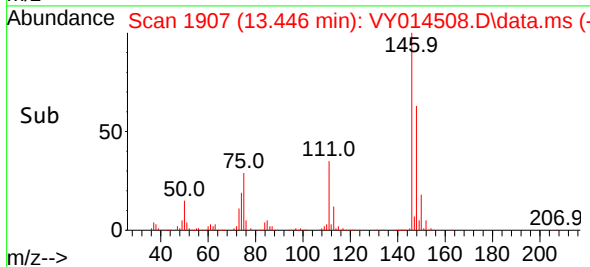
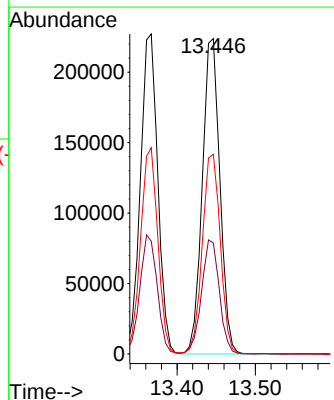
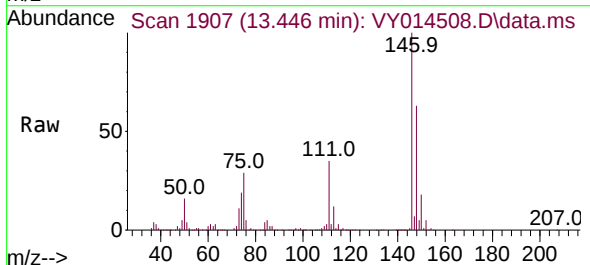
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

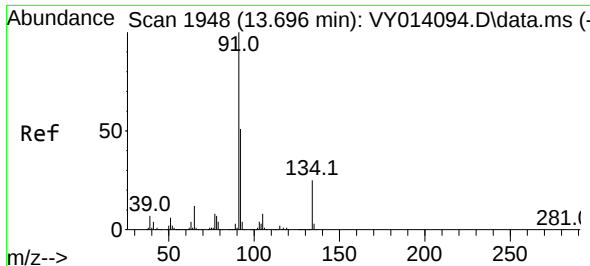
Tgt Ion:146 Resp: 351414
Ion Ratio Lower Upper
146 100
111 37.2 19.4 58.2
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.343 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion:146 Resp: 348807
Ion Ratio Lower Upper
146 100
111 36.6 18.9 56.7
148 64.7 32.1 96.5

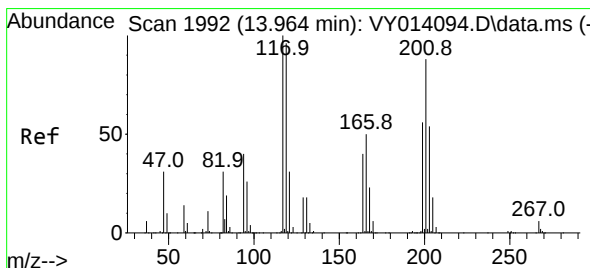
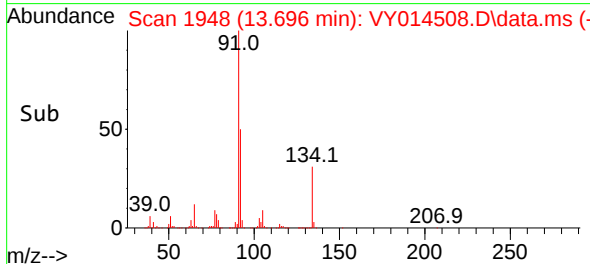
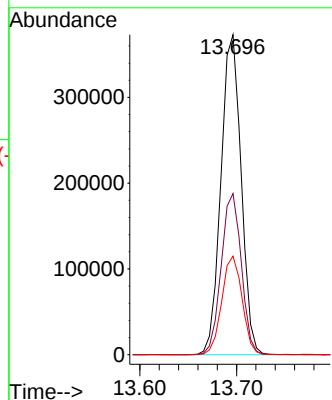
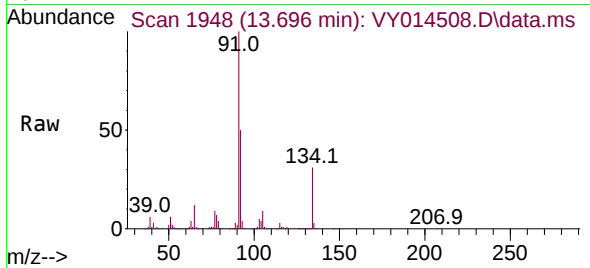




#89
n-Butylbenzene
Concen: 46.331 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

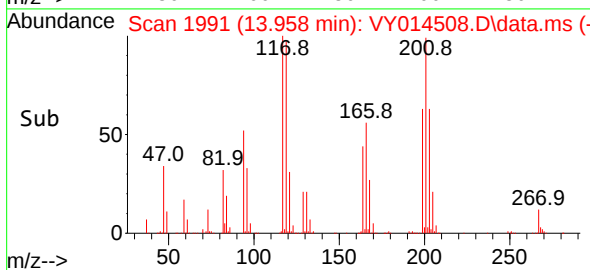
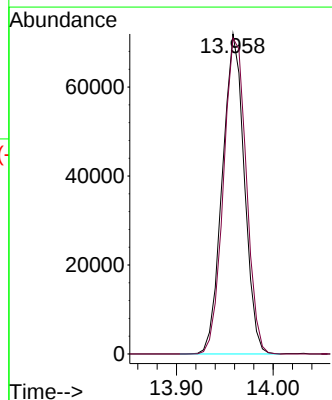
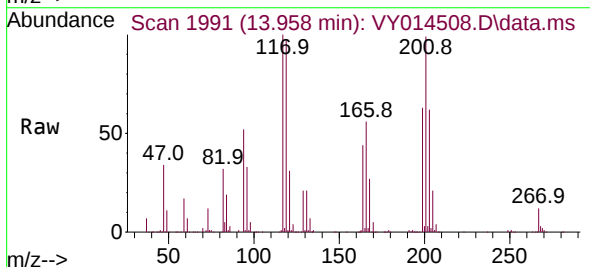
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

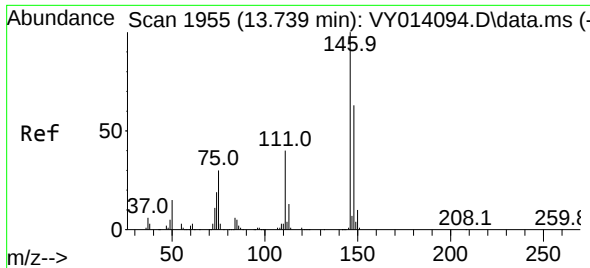
Tgt Ion: 91 Resp: 540166
Ion Ratio Lower Upper
91 100
92 50.2 25.4 76.0
134 31.0 12.6 37.6



#90
Hexachloroethane
Concen: 46.688 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014508.D
Acq: 29 Jun 2023 19:58

Tgt Ion: 117 Resp: 113336
Ion Ratio Lower Upper
117 100
201 102.5 41.6 124.8

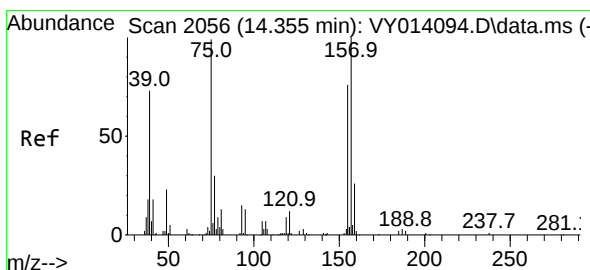
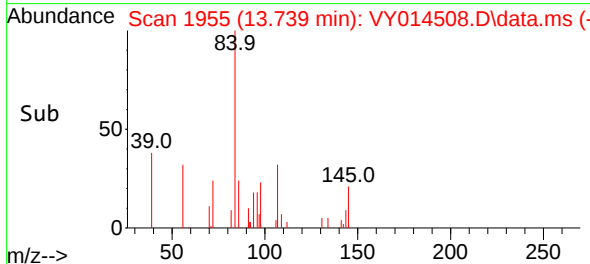
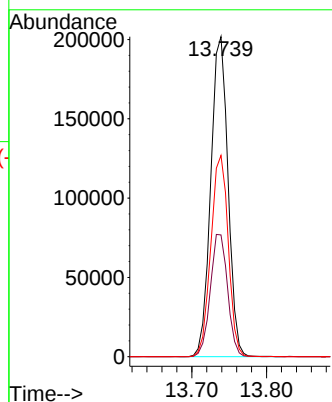
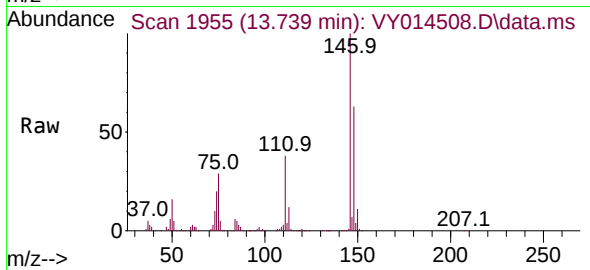




#91
 1,2-Dichlorobenzene
 Concen: 51.292 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

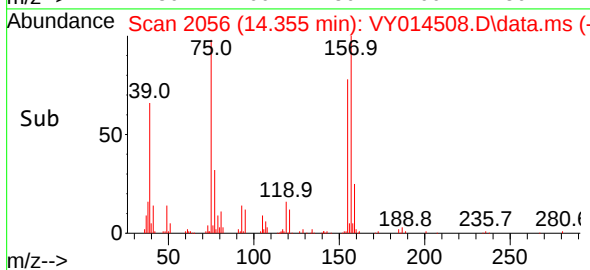
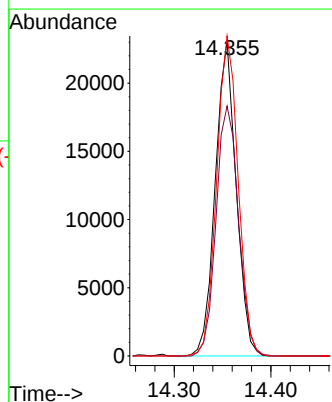
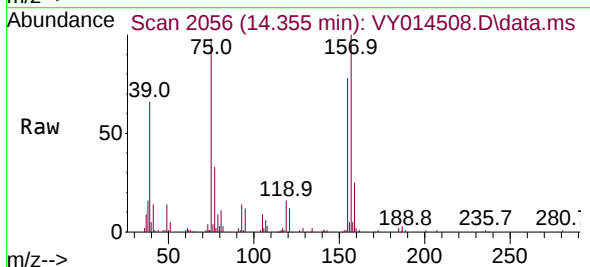
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

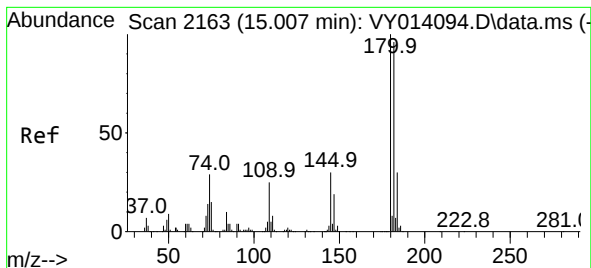
Tgt Ion:146 Resp: 322713
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.7 59.0
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.371 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014508.D
 Acq: 29 Jun 2023 19:58

Tgt Ion: 75 Resp: 34643
 Ion Ratio Lower Upper
 75 100
 155 85.1 41.5 124.6
 157 104.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 55.915 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

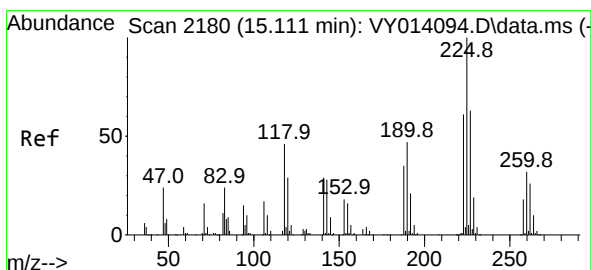
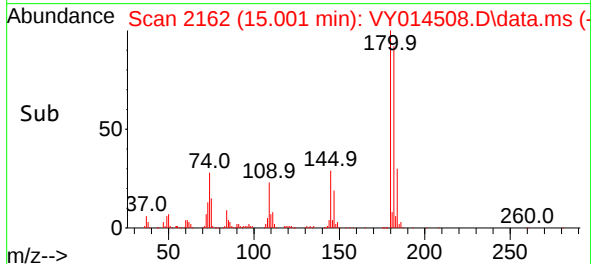
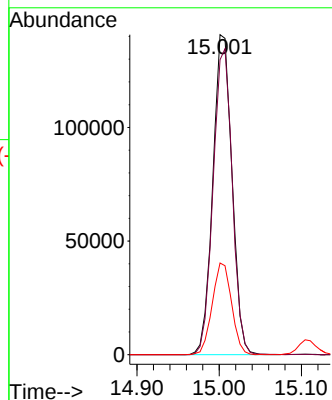
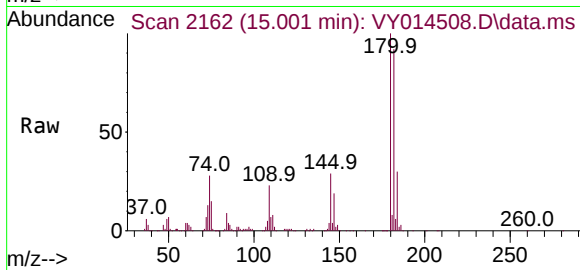
Tgt Ion:180 Resp: 228560

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 28.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 55.170 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

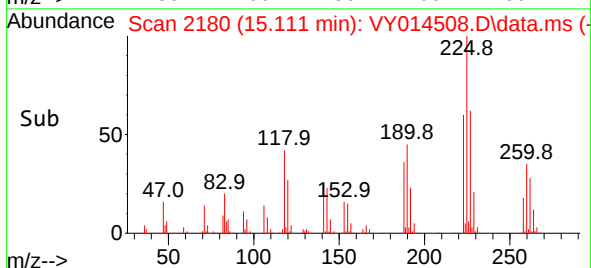
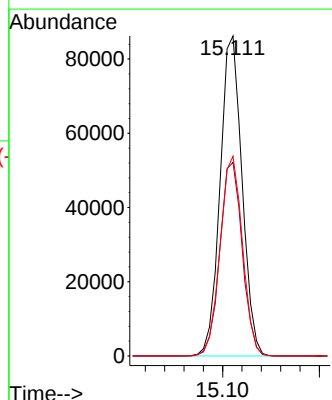
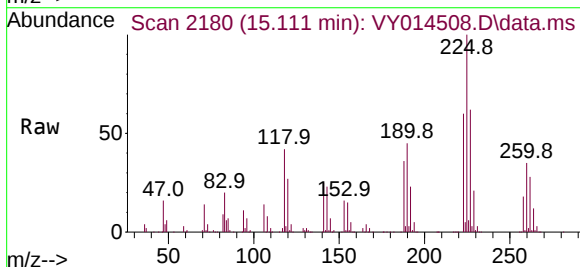
Tgt Ion:225 Resp: 135465

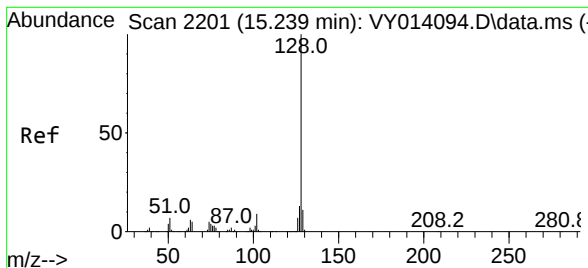
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 55.735 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

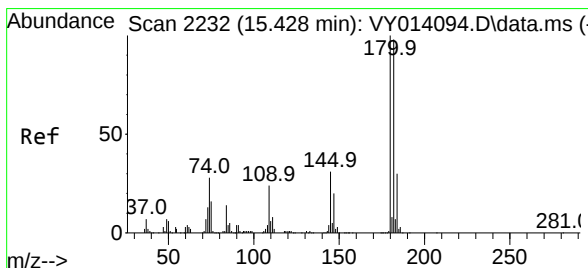
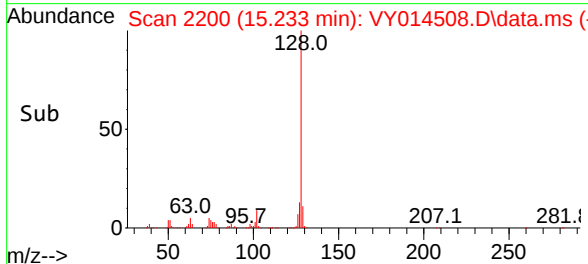
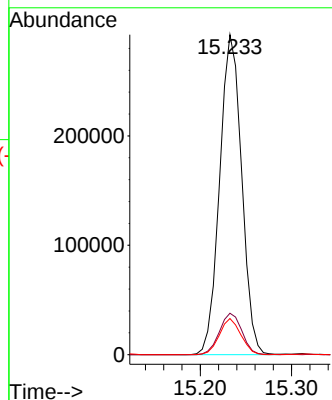
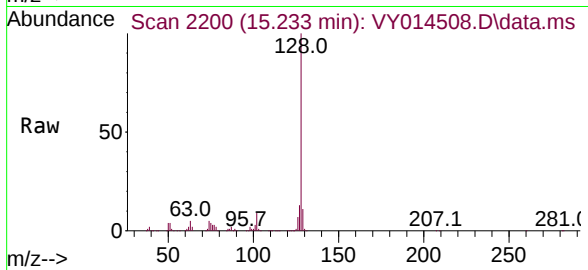
Tgt Ion:128 Resp: 489822

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.300 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014508.D

Acq: 29 Jun 2023 19:58

Tgt Ion:180 Resp: 205828

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 30.5 15.4 46.2

