

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013750.D
 Acq On : 16 May 2023 11:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 17 07:42:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	213379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117643	50.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.580%	
35) Dibromofluoromethane	7.716	113	110093	53.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.179	98	352874	48.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.140%	
62) 4-Bromofluorobenzene	12.483	95	136252	55.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91596	45.153	ug/l	99
3) Chloromethane	2.113	50	126707	46.598	ug/l	98
4) Vinyl Chloride	2.253	62	126385	46.681	ug/l	99
5) Bromomethane	2.656	94	100388	46.529	ug/l	99
6) Chloroethane	2.796	64	85883	45.917	ug/l	100
7) Trichlorofluoromethane	3.131	101	198967	48.511	ug/l	98
8) Diethyl Ether	3.534	74	69945	50.079	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.900	101	111730	48.566	ug/l	97
10) Methyl Iodide	4.088	142	136281	47.164	ug/l	99
11) Tert butyl alcohol	4.972	59	62991	239.118	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	105346	47.504	ug/l	93
13) Acrolein	3.735	56	32841	157.408	ug/l	96
14) Allyl chloride	4.479	41	210761	51.220	ug/l	97
15) Acrylonitrile	5.161	53	206012	263.375	ug/l	97
16) Acetone	3.948	43	249396	270.741	ug/l	93
17) Carbon Disulfide	4.198	76	298603	41.452	ug/l	99
18) Methyl Acetate	4.479	43	159513	52.430	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	342100	53.435	ug/l	99
20) Methylene Chloride	4.716	84	140453	48.415	ug/l #	84
21) trans-1,2-Dichloroethene	5.222	96	121248	50.006	ug/l	98
22) Diisopropyl ether	6.119	45	447265	55.612	ug/l	96
23) Vinyl Acetate	6.058	43	1351088	296.700	ug/l	96
24) 1,1-Dichloroethane	6.015	63	237005	52.874	ug/l	98
25) 2-Butanone	6.984	43	303090	259.442	ug/l	92
26) 2,2-Dichloropropane	6.978	77	204675	52.990	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	138663	51.760	ug/l	93
28) Bromochloromethane	7.332	49	83489	52.487	ug/l #	80
29) Tetrahydrofuran	7.350	42	178131	244.954	ug/l	92
30) Chloroform	7.503	83	239914	53.832	ug/l	99
31) Cyclohexane	7.783	56	187725	44.825	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	208102	52.328	ug/l	97
36) 1,1-Dichloropropene	7.917	75	172941	50.501	ug/l	97
37) Ethyl Acetate	7.070	43	130607	50.681	ug/l	95
38) Carbon Tetrachloride	7.899	117	188525	52.525	ug/l	97
39) Methylcyclohexane	9.185	83	192755	47.746	ug/l	97
40) Benzene	8.161	78	502415	52.083	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	66475	55.355	ug/l #	70
42) 1,2-Dichloroethane	8.234	62	168731	53.502	ug/l	98
43) Isopropyl Acetate	8.271	43	225769	51.904	ug/l	96
44) Trichloroethene	8.935	130	128402	50.041	ug/l	90
45) 1,2-Dichloropropane	9.216	63	137855	54.657	ug/l	99
46) Dibromomethane	9.307	93	78907	52.287	ug/l	97
47) Bromodichloromethane	9.496	83	187917	55.649	ug/l	100
48) Methyl methacrylate	9.289	41	104389	52.254	ug/l	94
49) 1,4-Dioxane	9.301	88	21648	1004.391	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	646342	266.655	ug/l	96
52) Toluene	10.240	92	306012	52.716	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	194217	54.344	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	216865	53.928	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	107620	53.850	ug/l	97
56) Ethyl methacrylate	10.508	69	153006	55.184	ug/l	90
57) 1,3-Dichloropropane	10.789	76	184335	54.462	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	254653	244.930	ug/l	93
59) 2-Hexanone	10.831	43	475127	269.656	ug/l	95
60) Dibromochloromethane	10.984	129	132985	54.802	ug/l	100
61) 1,2-Dibromoethane	11.087	107	104477	53.173	ug/l	98
64) Tetrachloroethene	10.721	164	107427	47.992	ug/l	98
65) Chlorobenzene	11.514	112	330253	51.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	130537	54.429	ug/l	99
67) Ethyl Benzene	11.593	91	600833	53.358	ug/l	99
68) m/p-Xylenes	11.703	106	451498	105.472	ug/l	96
69) o-Xylene	12.026	106	217782	53.793	ug/l	97
70) Styrene	12.044	104	369940	54.651	ug/l	99
71) Bromoform	12.209	173	90685	53.983	ug/l #	98
73) Isopropylbenzene	12.331	105	572616	50.089	ug/l	98
74) N-amyl acetate	12.142	43	200849	49.371	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	136227	48.752	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	177358	87.011	ug/l #	100
77) Bromobenzene	12.605	156	140716	50.800	ug/l	92
78) n-propylbenzene	12.672	91	708257	50.299	ug/l	96
79) 2-Chlorotoluene	12.758	91	401341	51.040	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	474430	50.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	48483	48.654	ug/l	97
82) 4-Chlorotoluene	12.855	91	417504	50.942	ug/l	96
83) tert-Butylbenzene	13.075	119	408525	50.536	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	469285	51.731	ug/l	100
85) sec-Butylbenzene	13.251	105	617059	50.861	ug/l	98
86) p-Isopropyltoluene	13.367	119	501468	51.399	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	269936	51.150	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	269607	50.574	ug/l	100
89) n-Butylbenzene	13.697	91	482390	50.658	ug/l	98
90) Hexachloroethane	13.959	117	101611	49.484	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	243126	51.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23020	46.646	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	149989	52.790	ug/l	97
94) Hexachlorobutadiene	15.111	225	88264	53.378	ug/l	98
95) Naphthalene	15.239	128	308123	49.982	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	134334	53.046	ug/l	99

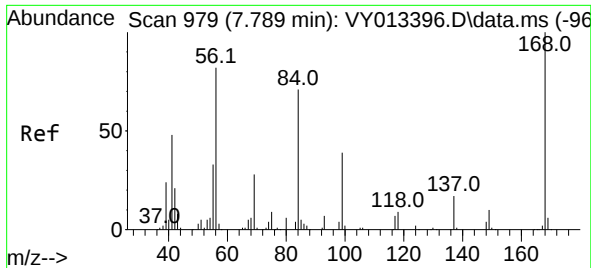
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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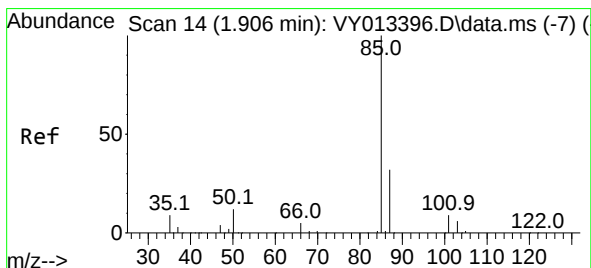
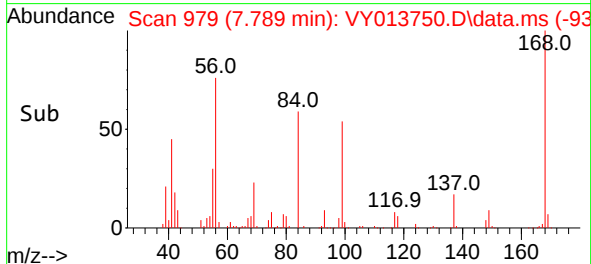
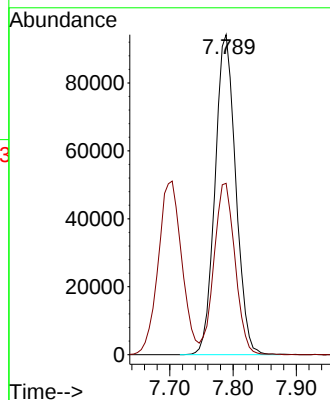
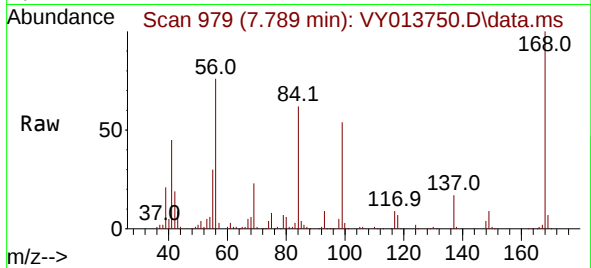
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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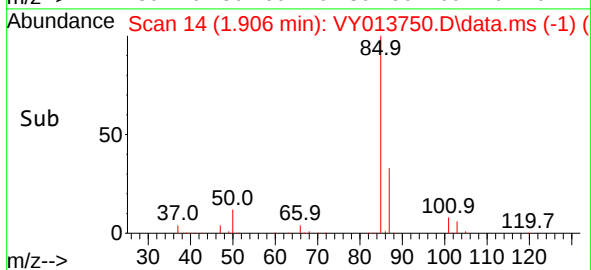
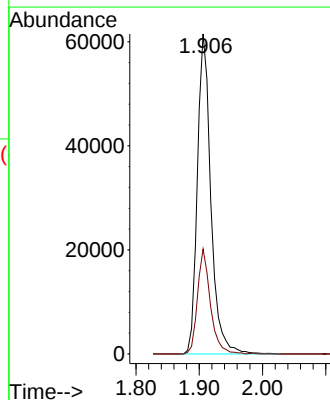
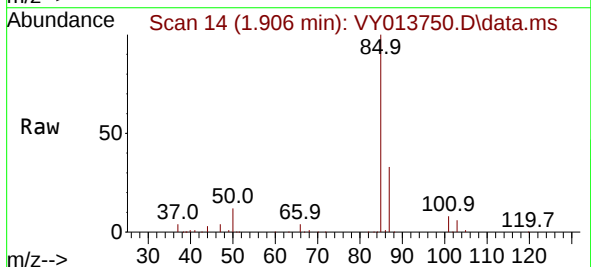
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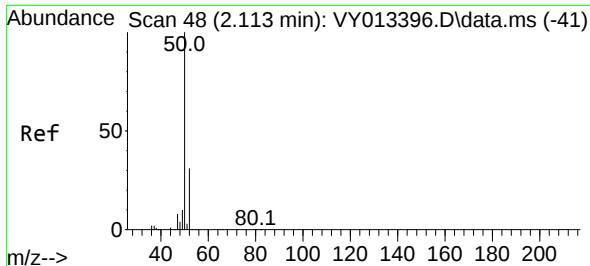
Tgt Ion:168 Resp: 213379
Ion Ratio Lower Upper
168 100
99 53.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 45.153 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 85 Resp: 91596
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

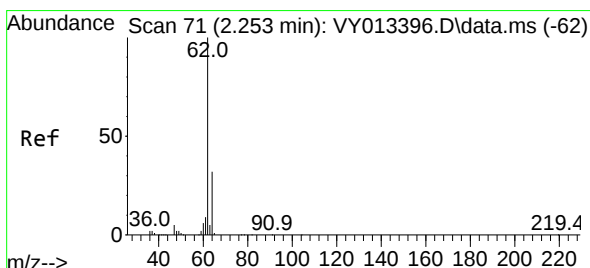
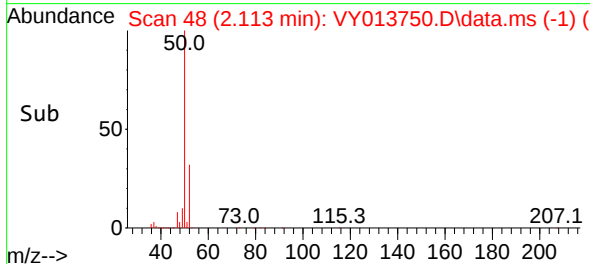
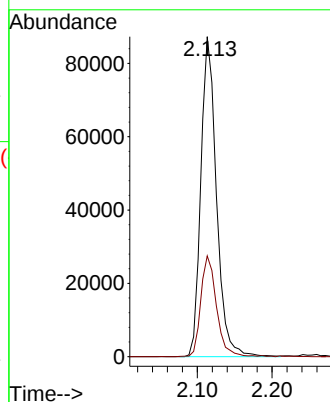
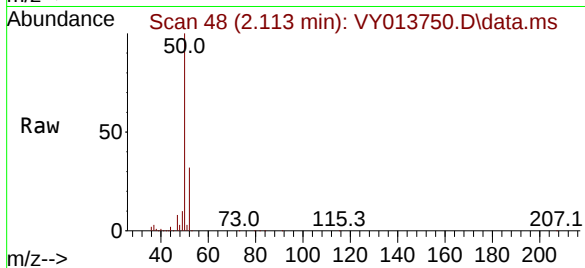




#3
Chloromethane
Concen: 46.598 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

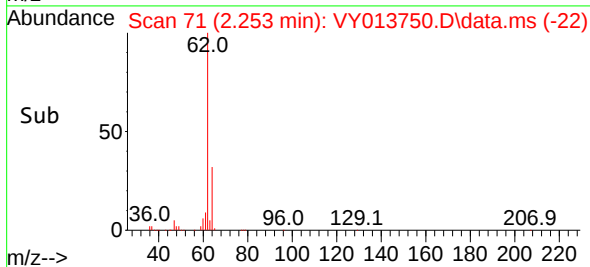
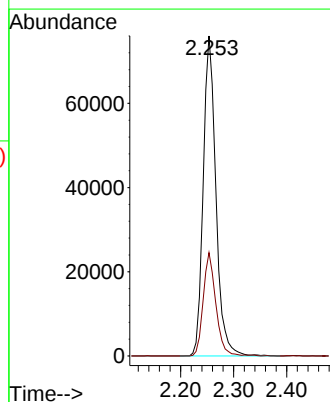
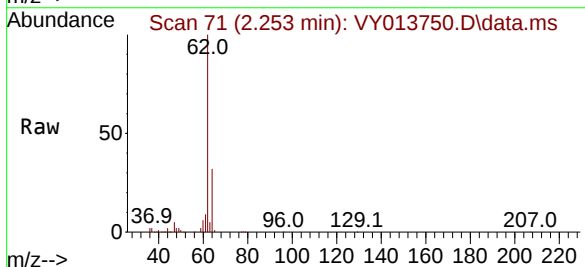
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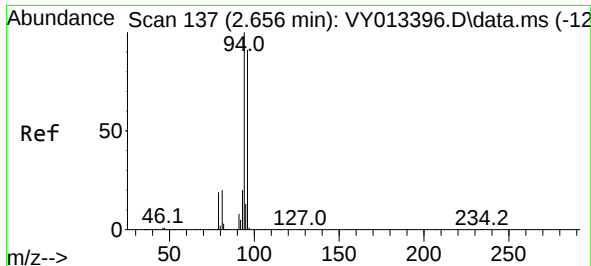
Tgt Ion: 50 Resp: 126707
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9



#4
Vinyl Chloride
Concen: 46.681 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 62 Resp: 126385
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

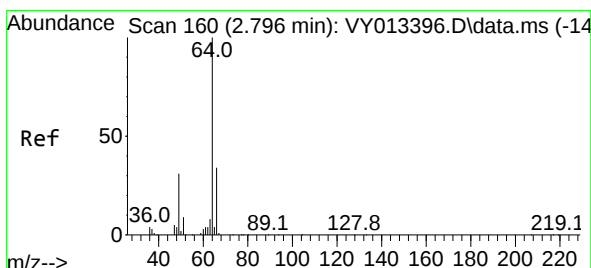
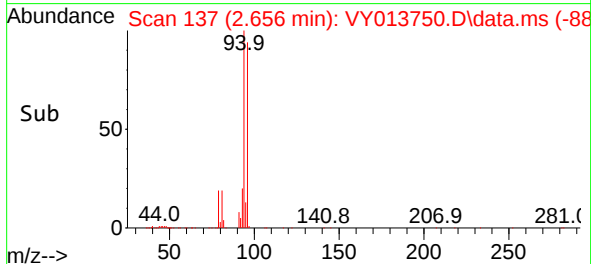
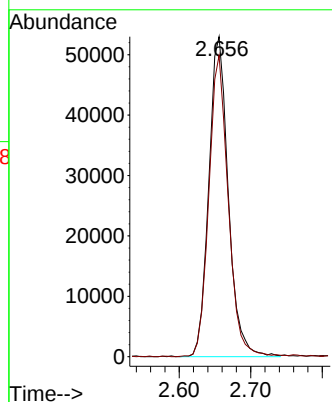
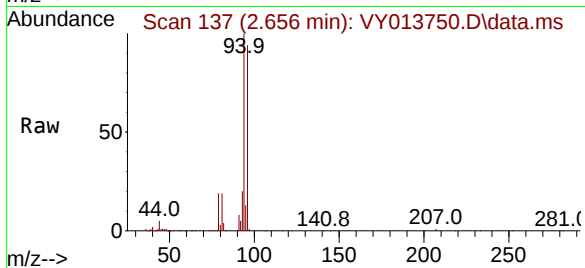




#5
Bromomethane
Concen: 46.529 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

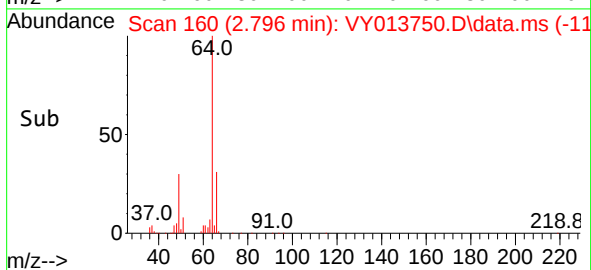
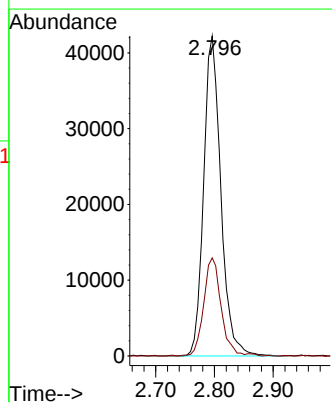
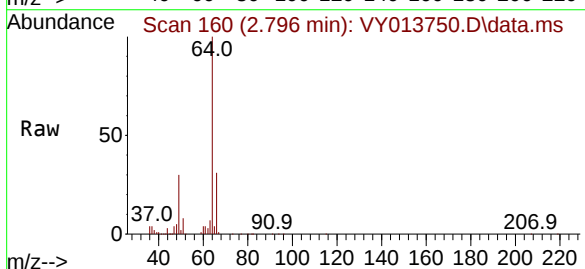
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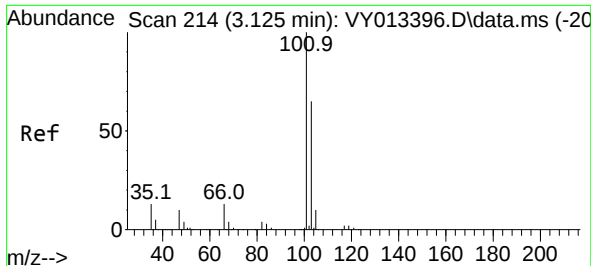
Tgt Ion: 94 Resp: 100388
Ion Ratio Lower Upper
94 100
96 94.0 74.2 111.2



#6
Chloroethane
Concen: 45.917 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 64 Resp: 85883
Ion Ratio Lower Upper
64 100
66 30.6 24.6 37.0

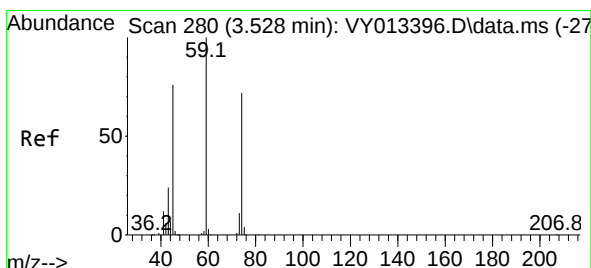
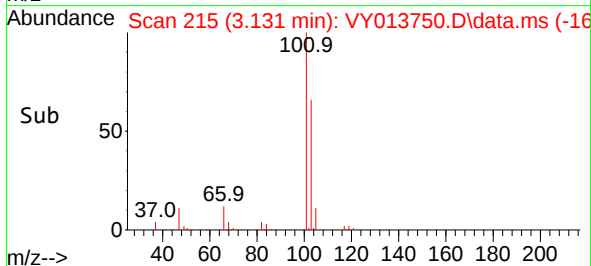
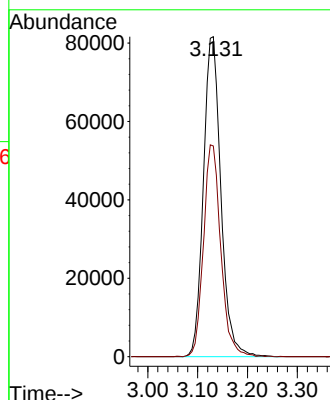
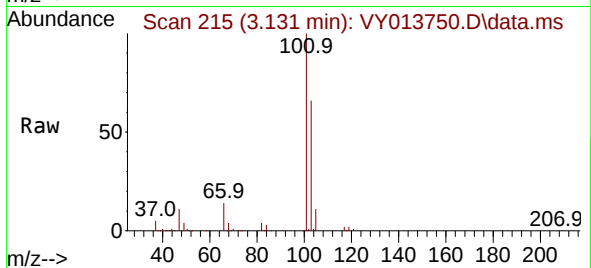




#7
 Trichlorofluoromethane
 Concen: 48.511 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013750.D
 Acq: 16 May 2023 11:01

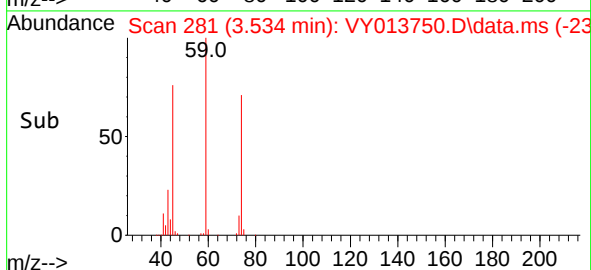
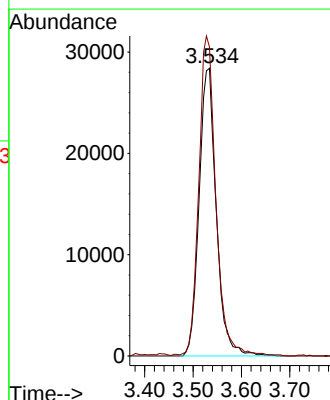
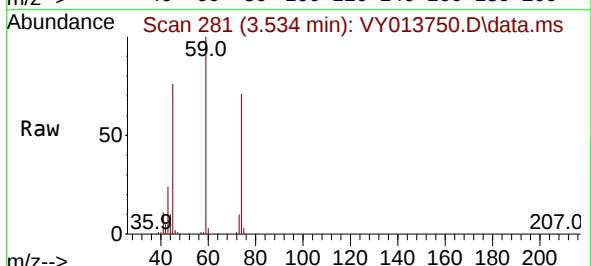
Instrument :
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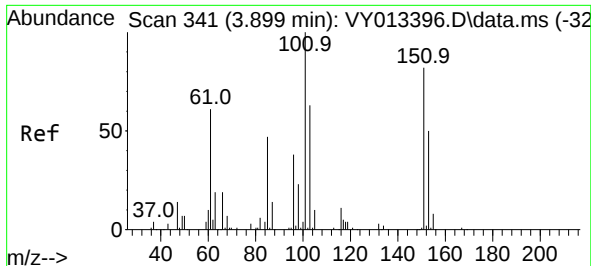
Tgt Ion:101 Resp: 198967
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.6 77.4



#8
 Diethyl Ether
 Concen: 50.079 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY013750.D
 Acq: 16 May 2023 11:01

Tgt Ion: 74 Resp: 69945
 Ion Ratio Lower Upper
 74 100
 45 111.3 48.2 144.6

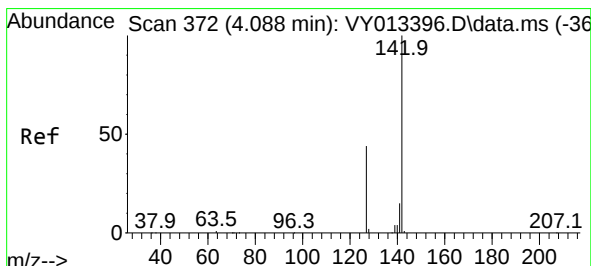
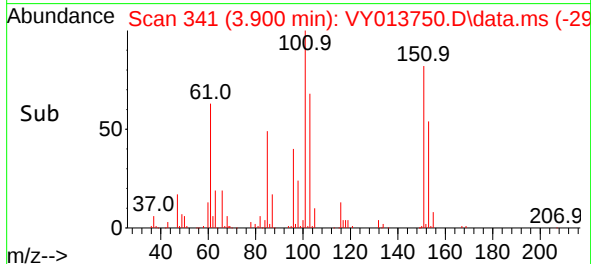
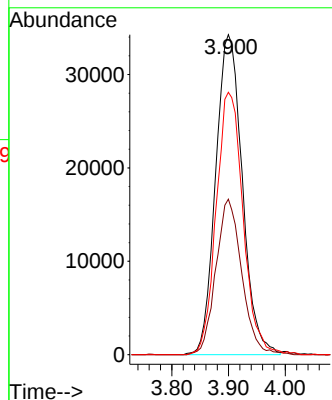
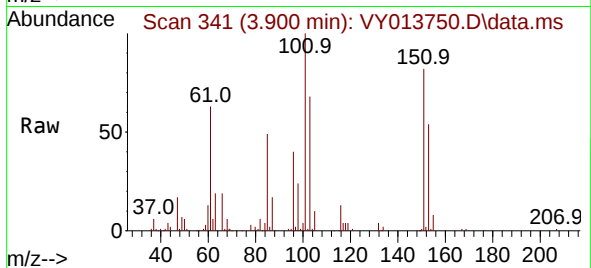




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.566 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013750.D
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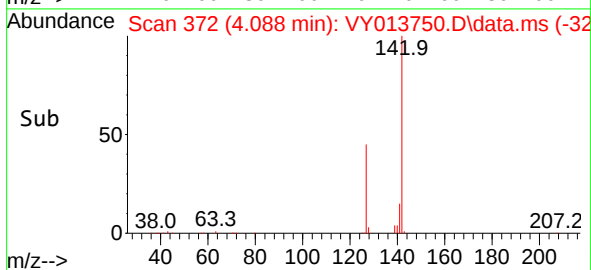
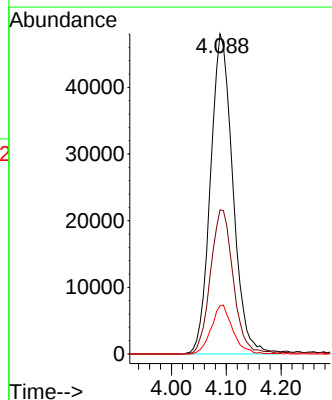
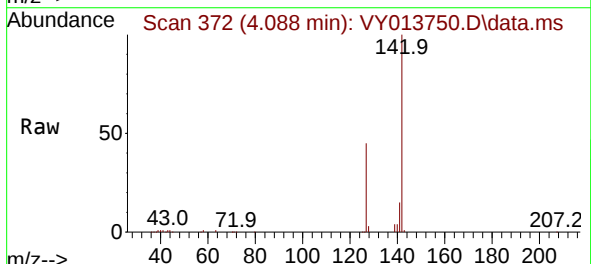
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

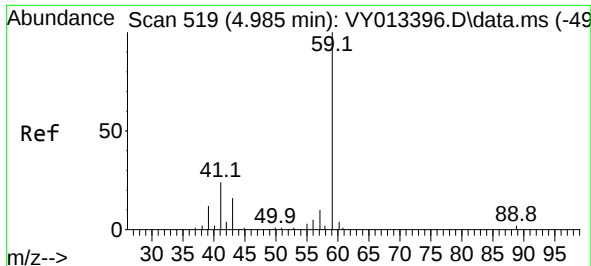
Tgt Ion:101 Resp: 111730
Ion Ratio Lower Upper
101 100
85 47.2 35.6 53.4
151 82.8 68.0 102.0



#10
Methyl Iodide
Concen: 47.164 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion:142 Resp: 136281
Ion Ratio Lower Upper
142 100
127 46.2 36.1 54.1
141 14.6 11.6 17.4

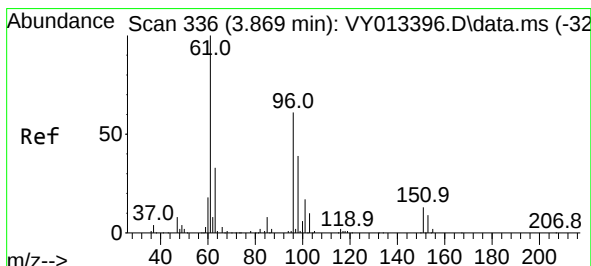
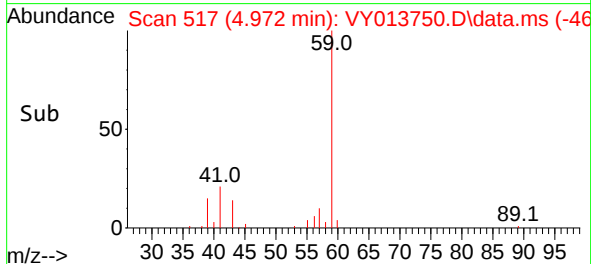
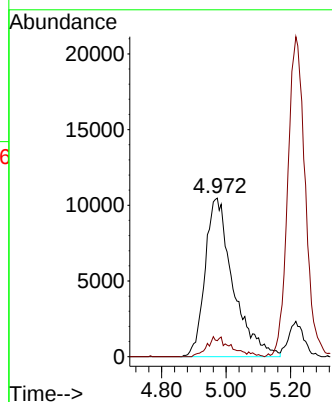
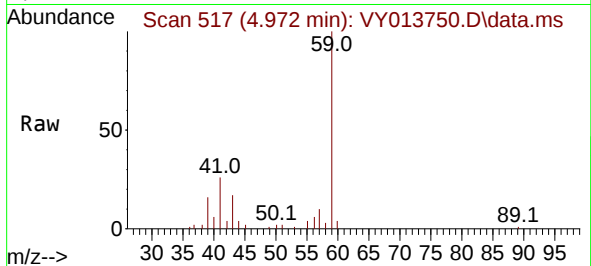




#11
Tert butyl alcohol
Concen: 239.118 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

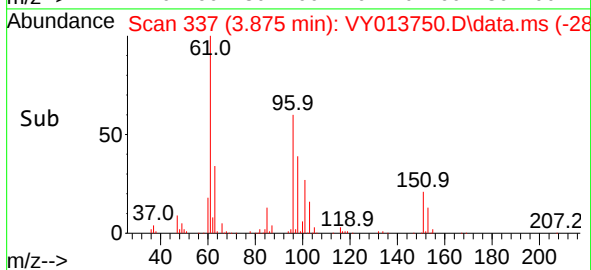
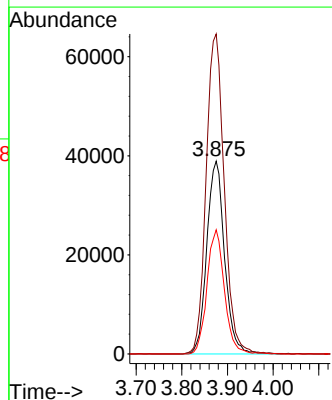
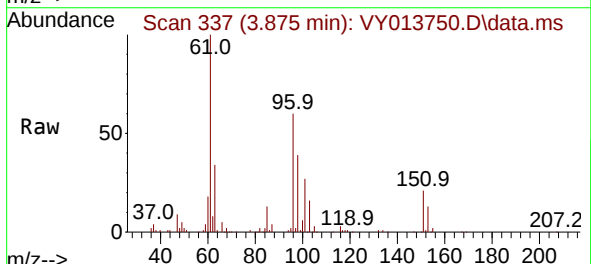
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

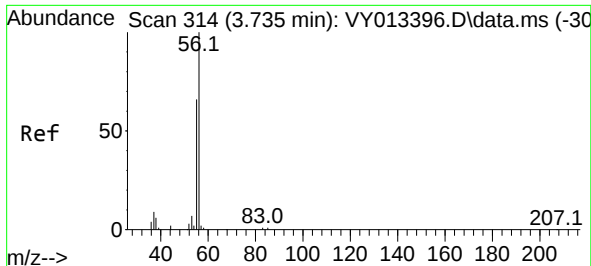
Tgt Ion: 59 Resp: 62991
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.504 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 96 Resp: 105346
Ion Ratio Lower Upper
96 100
61 166.0 123.9 185.9
98 64.4 48.9 73.3





#13

Acrolein

Concen: 157.408 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

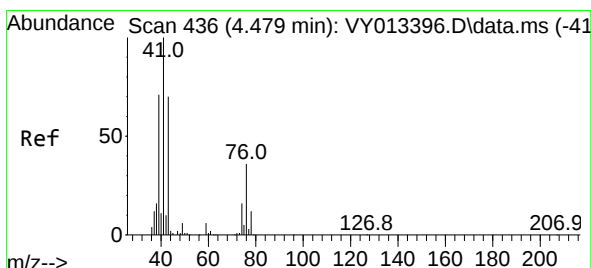
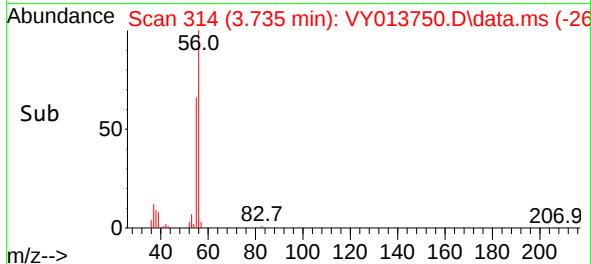
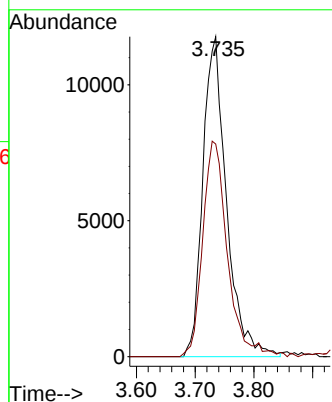
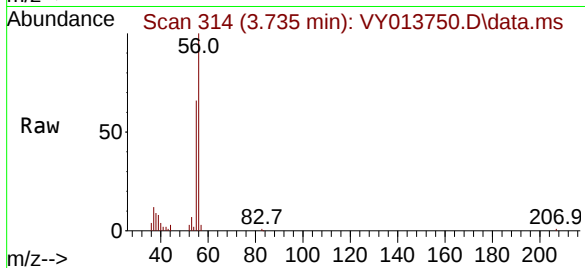
VSTDCCC050

Tgt Ion: 56 Resp: 32841

Ion Ratio Lower Upper

56 100

55 70.6 54.1 81.1



#14

Allyl chloride

Concen: 51.220 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

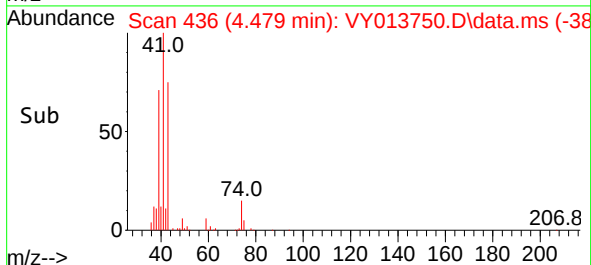
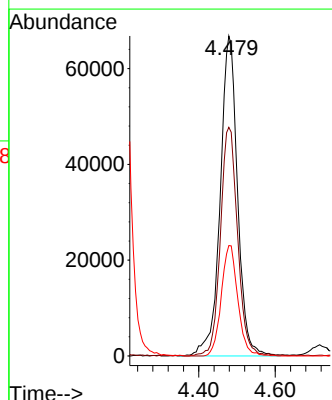
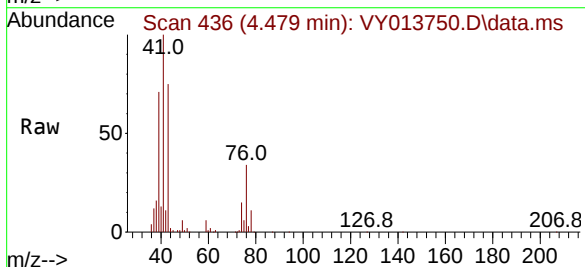
Tgt Ion: 41 Resp: 210761

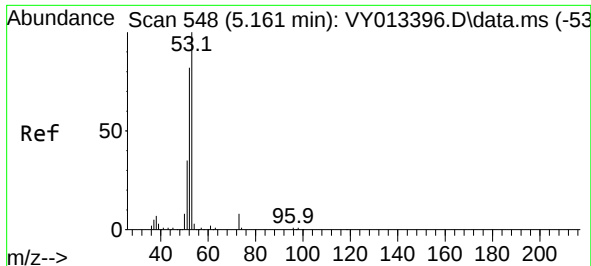
Ion Ratio Lower Upper

41 100

39 70.6 56.6 85.0

76 32.8 30.5 45.7

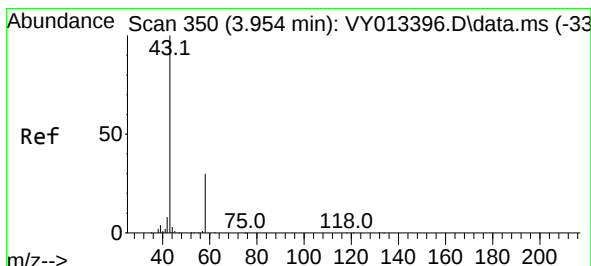
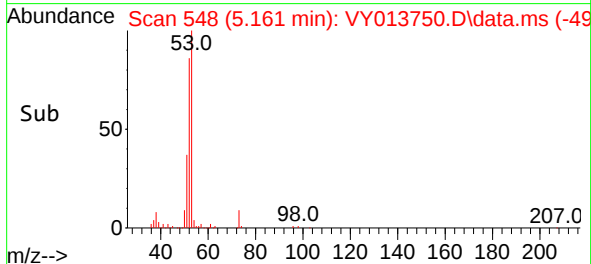
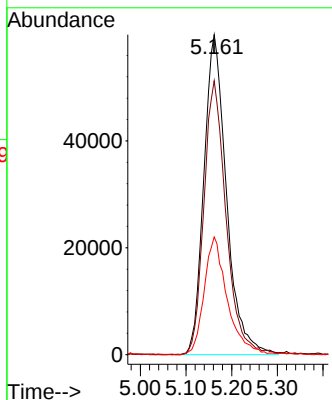
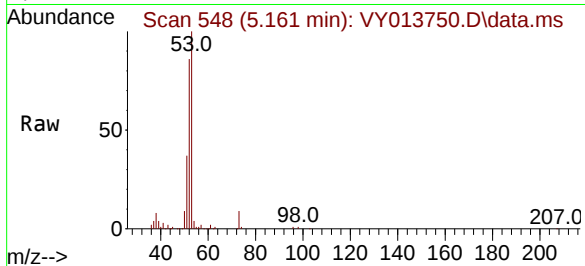




#15
Acrylonitrile
Concen: 263.375 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

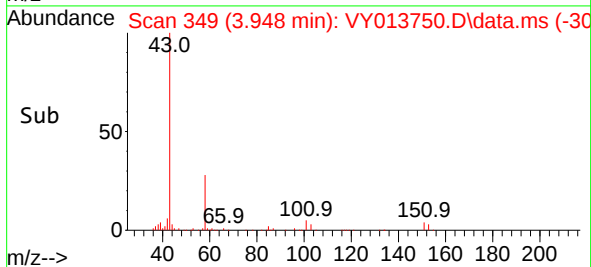
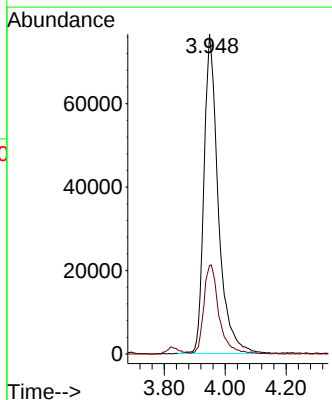
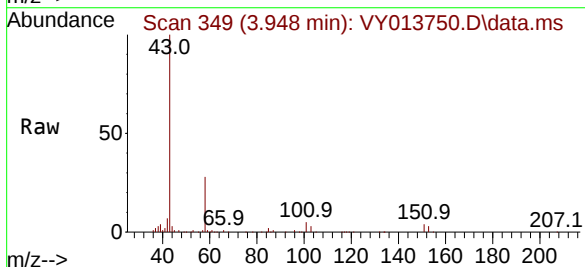
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

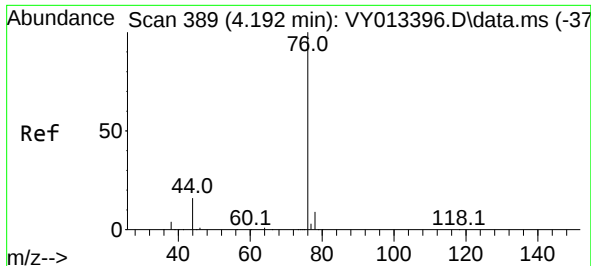
Tgt Ion: 53 Resp: 206012
Ion Ratio Lower Upper
53 100
52 84.3 65.4 98.0
51 37.8 29.3 43.9



#16
Acetone
Concen: 270.741 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 43 Resp: 249396
Ion Ratio Lower Upper
43 100
58 27.7 25.4 38.0

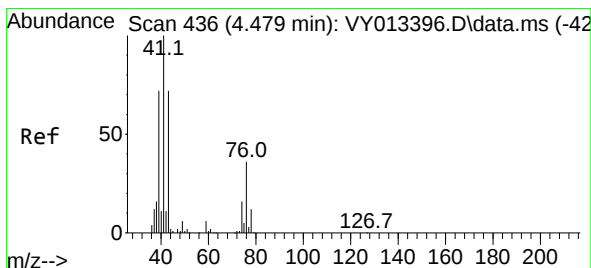
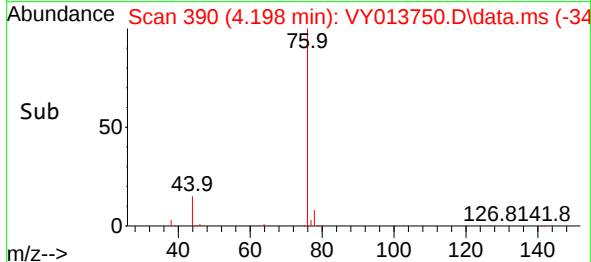
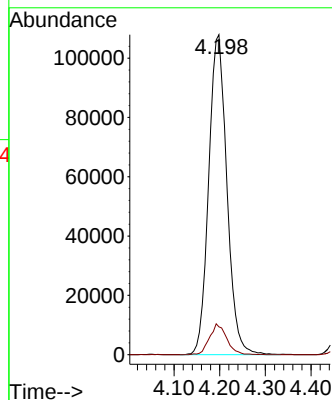
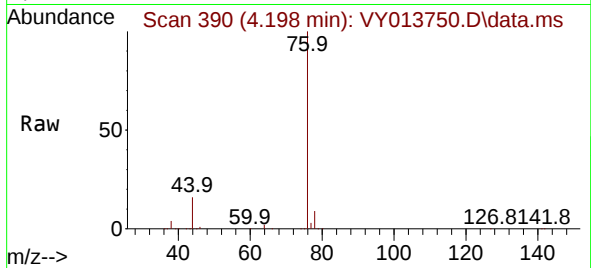




#17
Carbon Disulfide
Concen: 41.452 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

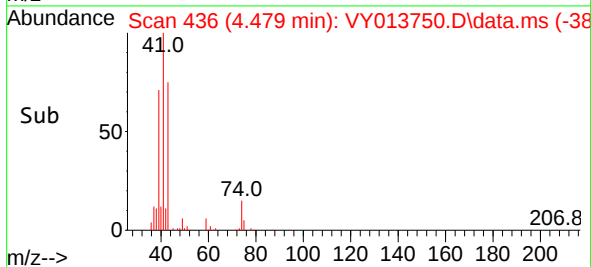
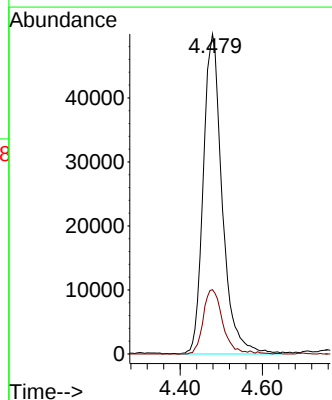
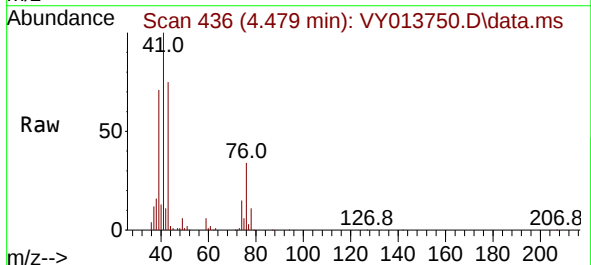
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

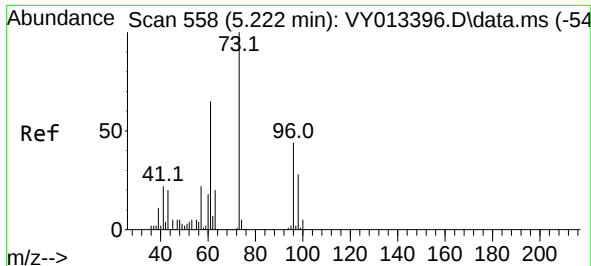
Tgt Ion: 76 Resp: 298603
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 52.430 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 43 Resp: 159513
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2

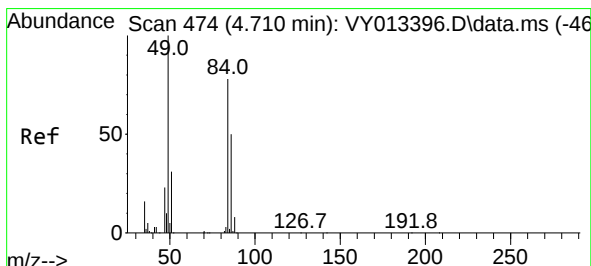
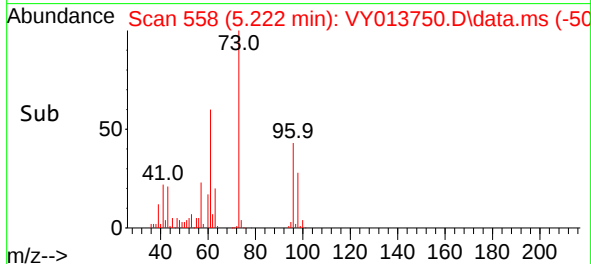
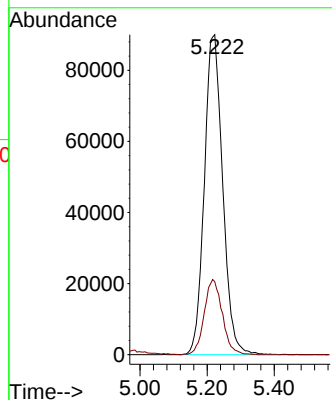
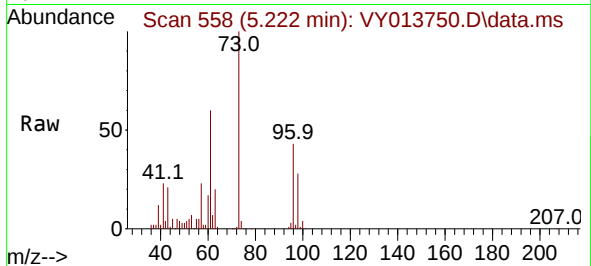




#19
Methyl tert-butyl Ether
Concen: 53.435 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

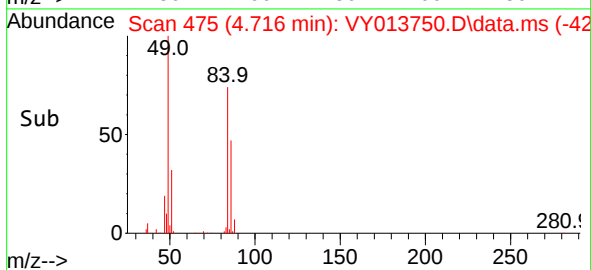
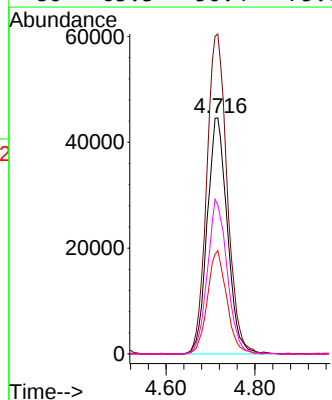
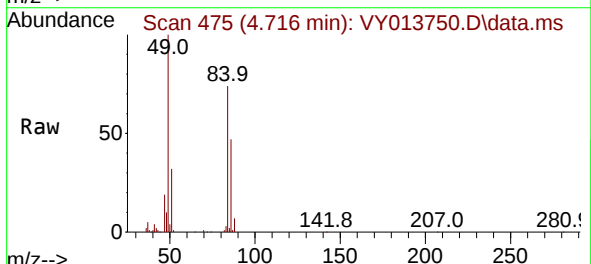
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

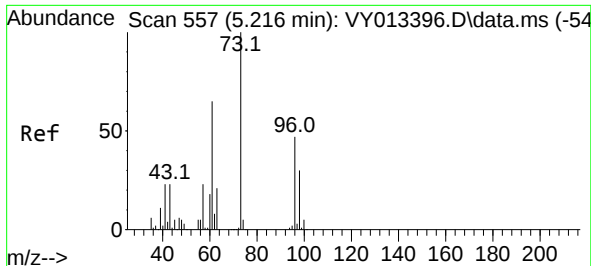
Tgt Ion: 73 Resp: 342100
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 48.415 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 84 Resp: 140453
Ion Ratio Lower Upper
84 100
49 135.5 88.0 132.0#
51 43.8 27.4 41.0#
86 63.3 50.4 75.6

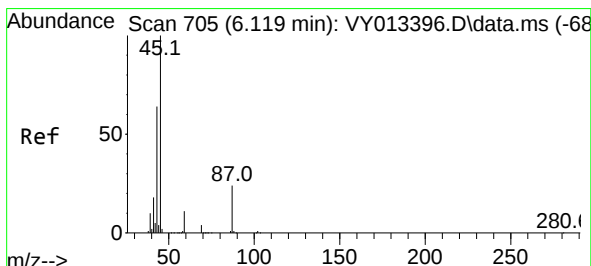
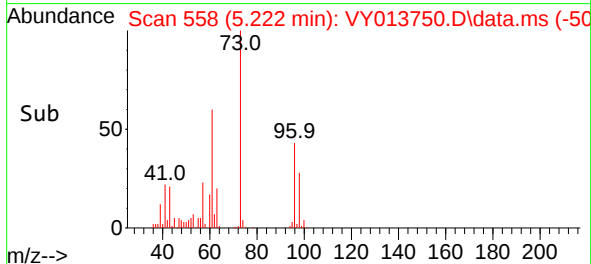
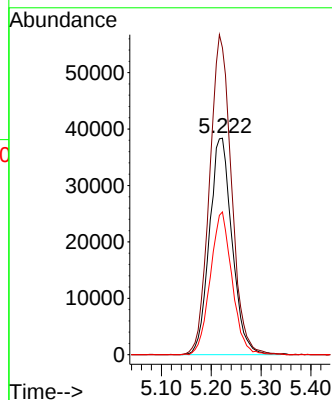
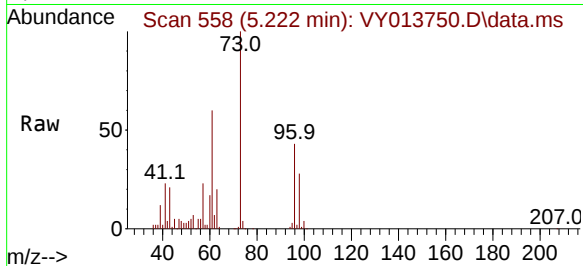




#21
trans-1,2-Dichloroethene
Concen: 50.006 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

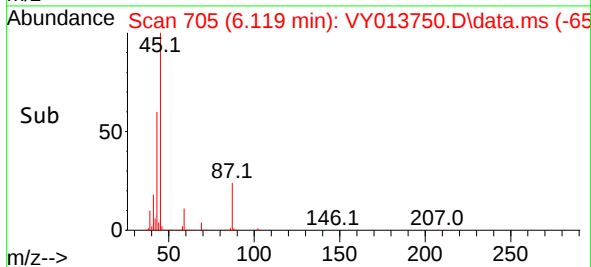
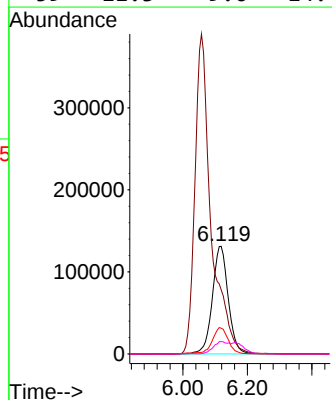
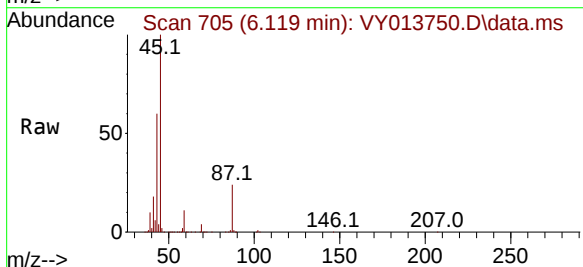
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

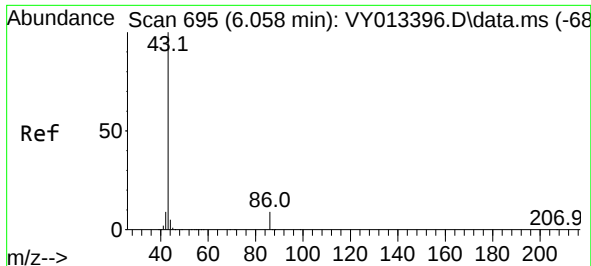
Tgt Ion: 96 Resp: 121248
Ion Ratio Lower Upper
96 100
61 141.7 110.6 165.8
98 65.9 53.1 79.7



#22
Diisopropyl ether
Concen: 55.612 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 45 Resp: 447265
Ion Ratio Lower Upper
45 100
43 59.4 48.4 72.6
87 23.9 23.8 35.6
59 11.3 9.6 14.4

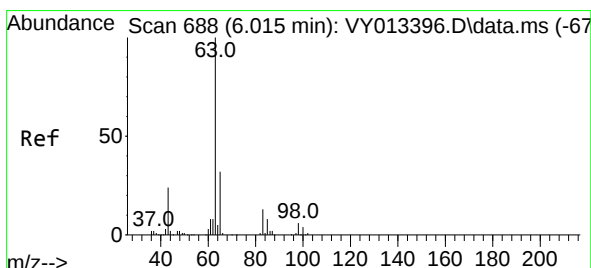
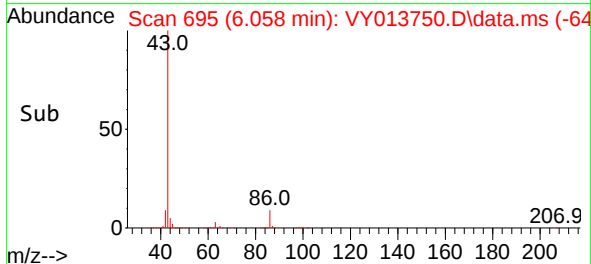
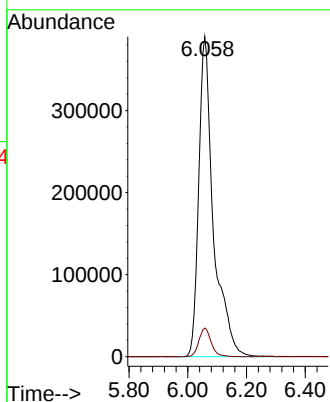
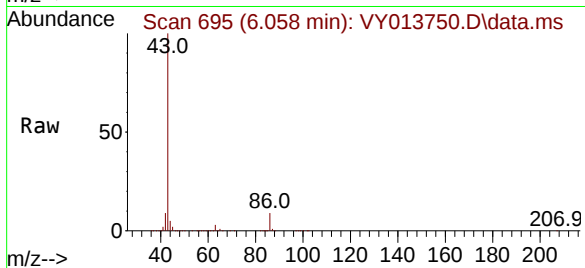




#23
 Vinyl Acetate
 Concen: 296.700 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013750.D
 Acq: 16 May 2023 11:01

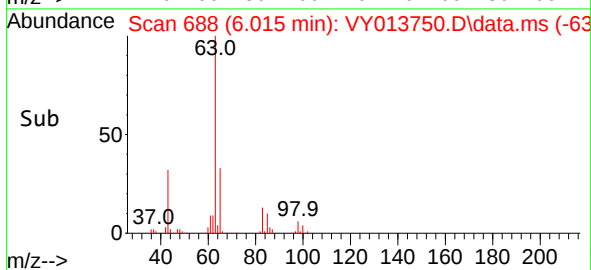
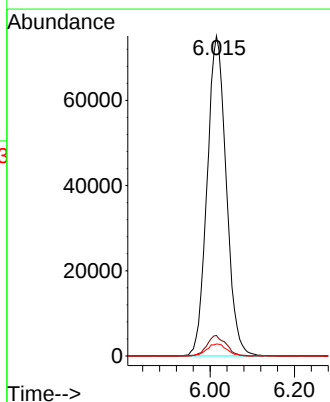
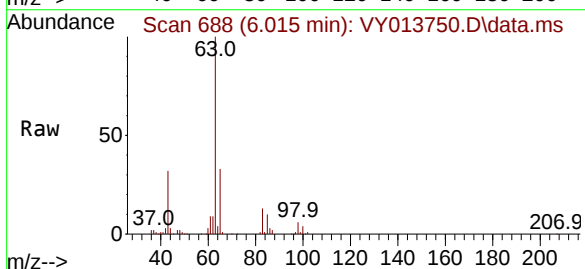
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

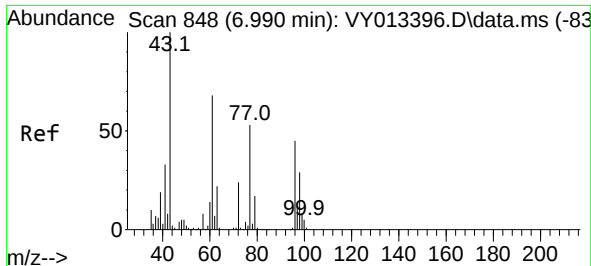
Tgt Ion: 43 Resp: 1351088
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 52.874 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013750.D
 Acq: 16 May 2023 11:01

Tgt Ion: 63 Resp: 237005
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 3.7 2.2 6.6

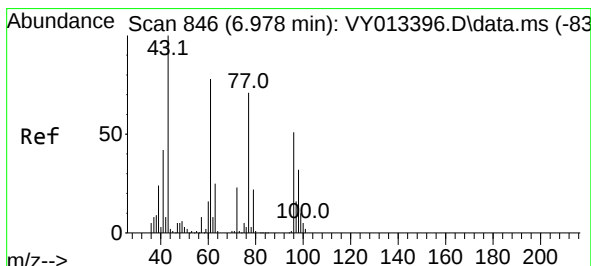
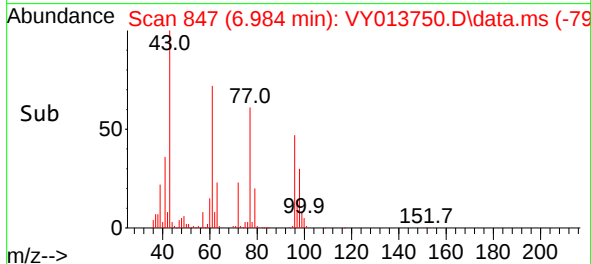
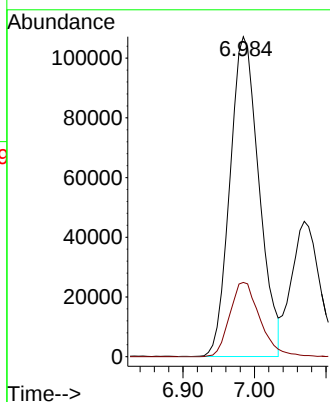
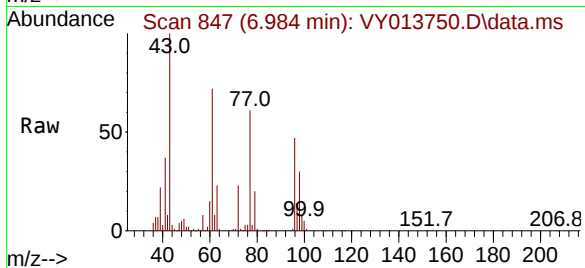




#25
2-Butanone
Concen: 259.442 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

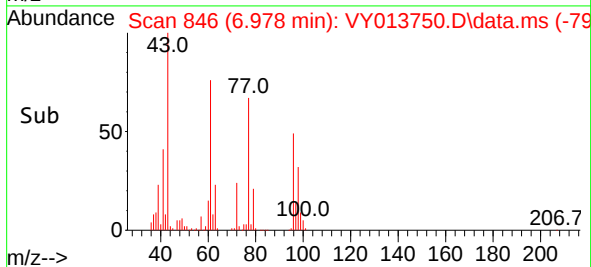
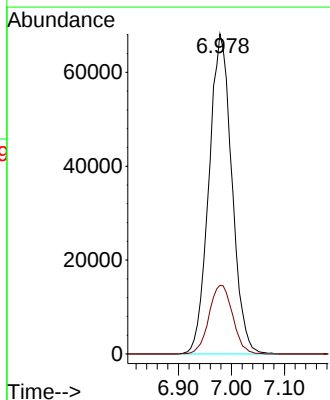
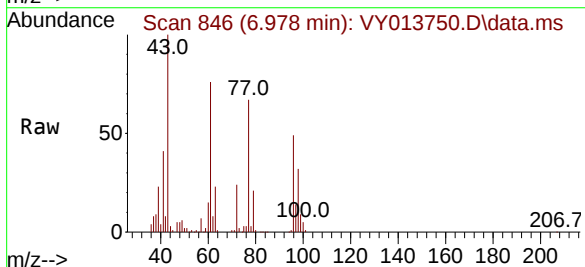
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

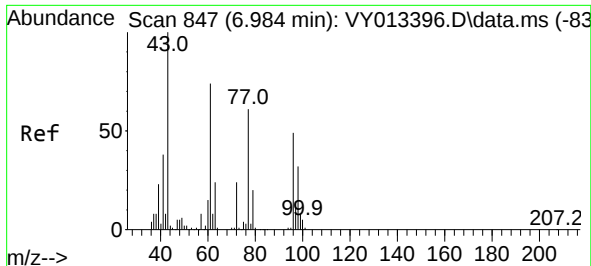
Tgt Ion: 43 Resp: 303090
Ion Ratio Lower Upper
43 100
72 23.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 52.990 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 77 Resp: 204675
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 51.760 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

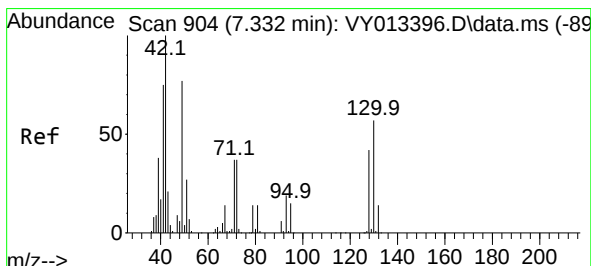
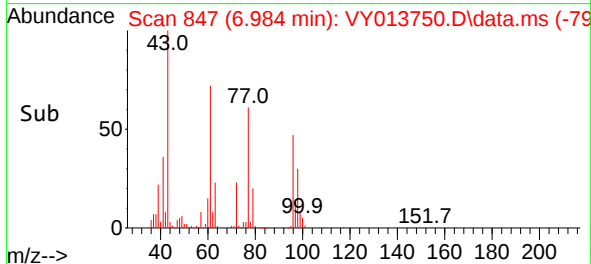
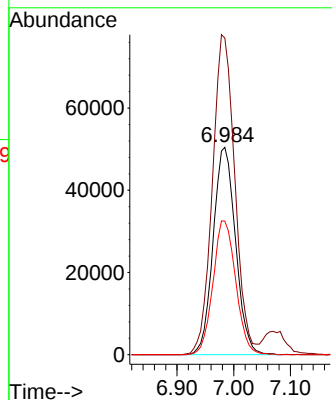
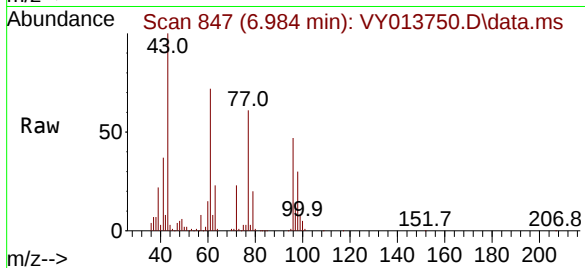
Tgt Ion: 96 Resp: 138663

Ion Ratio Lower Upper

96 100

61 154.9 0.0 285.0

98 65.5 0.0 130.6



#28

Bromochloromethane

Concen: 52.487 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

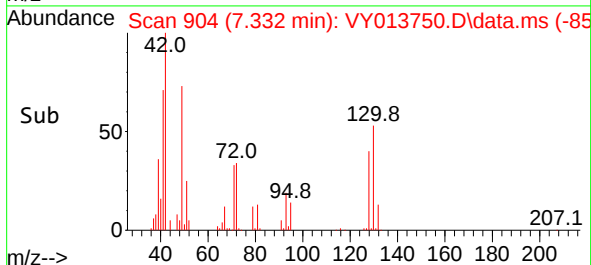
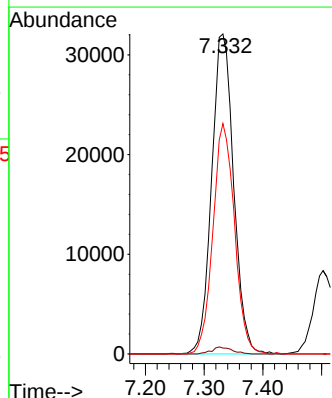
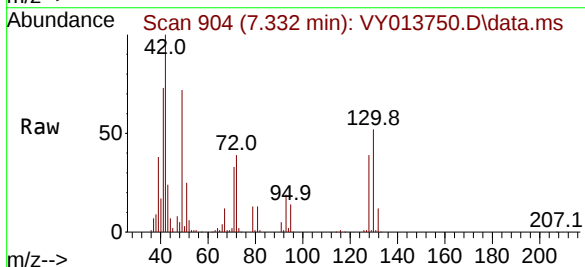
Tgt Ion: 49 Resp: 83489

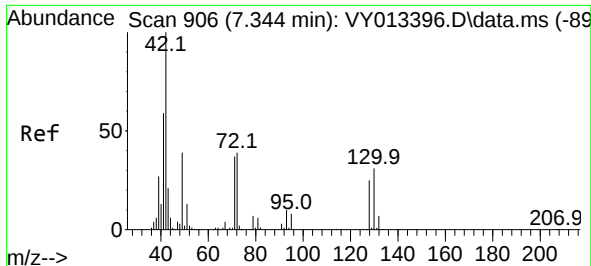
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 70.6 72.1 108.1





#29

Tetrahydrofuran

Concen: 244.954 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

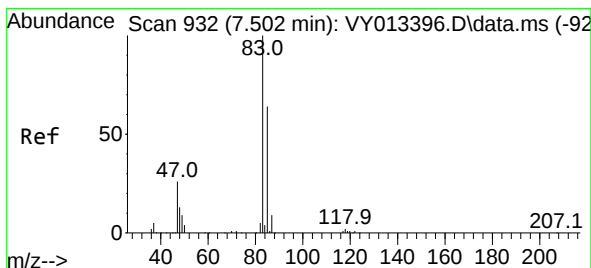
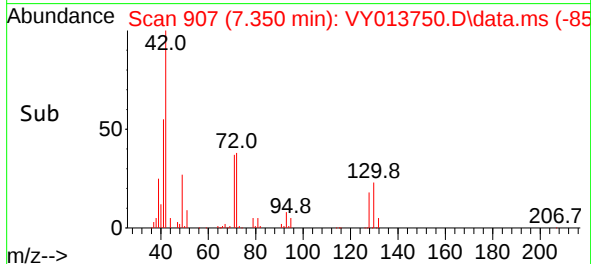
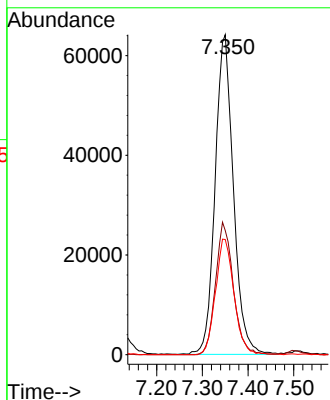
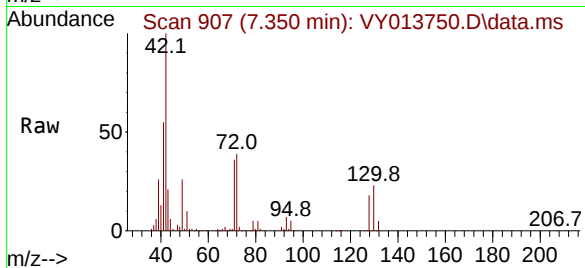
Tgt Ion: 42 Resp: 178131

Ion Ratio Lower Upper

42 100

72 40.3 35.9 53.9

71 36.7 34.3 51.5



#30

Chloroform

Concen: 53.832 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013750.D

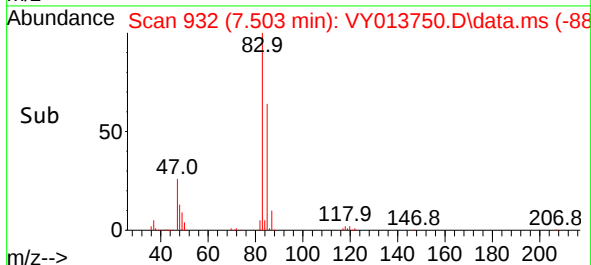
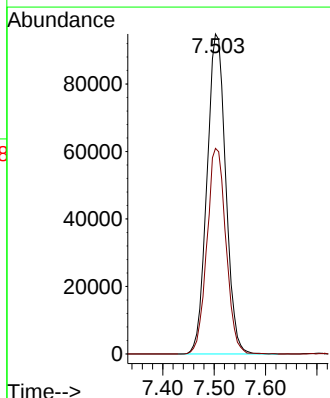
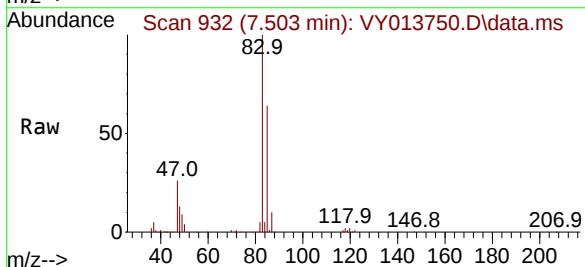
Acq: 16 May 2023 11:01

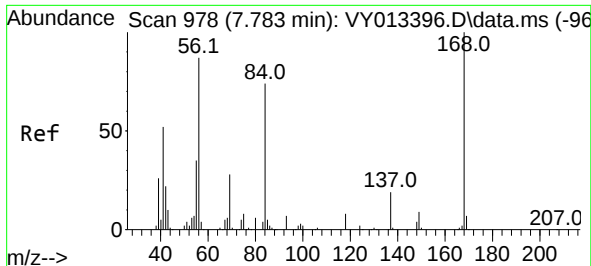
Tgt Ion: 83 Resp: 239914

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

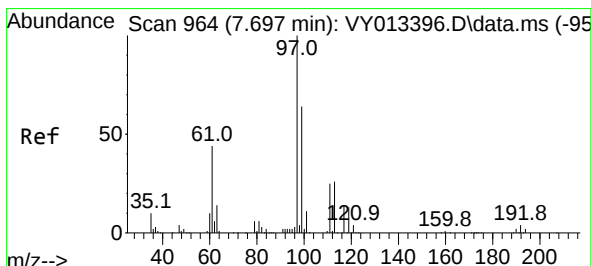
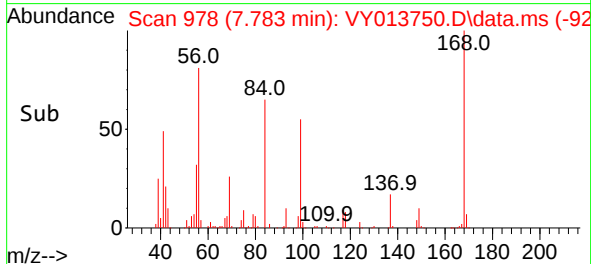
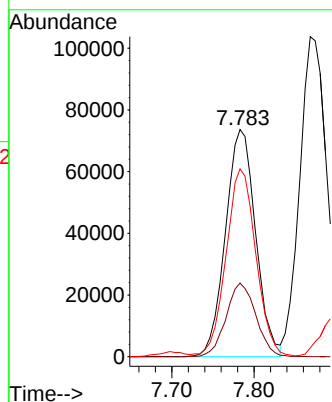
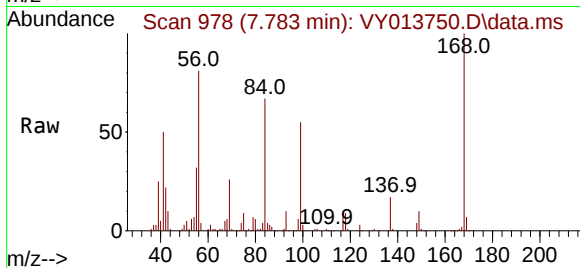




#31
Cyclohexane
Concen: 44.825 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

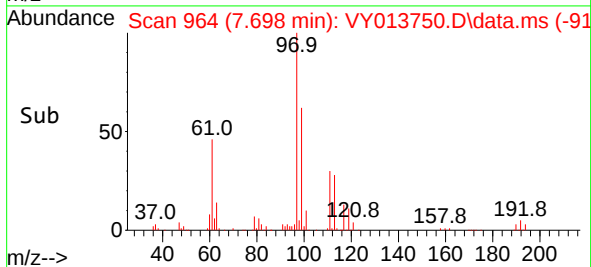
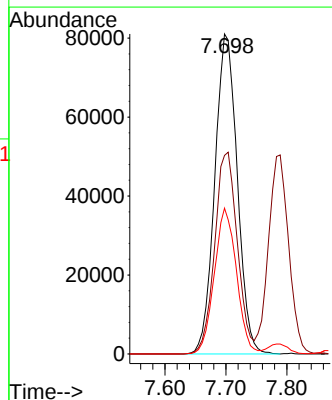
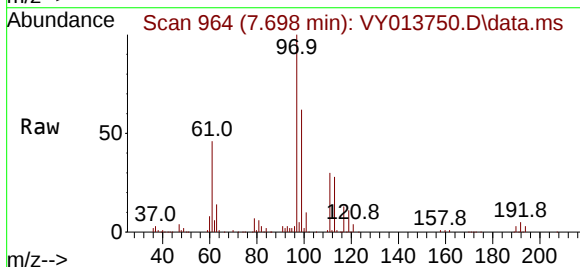
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

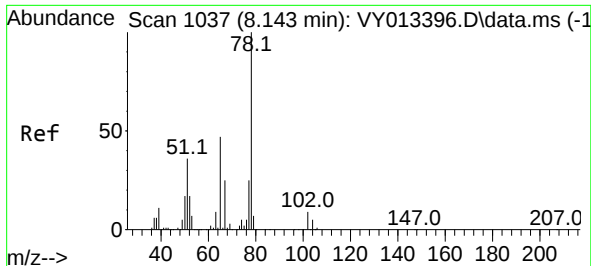
Tgt Ion: 56 Resp: 187725
Ion Ratio Lower Upper
56 100
69 31.8 29.2 43.8
84 80.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 52.328 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 97 Resp: 208102
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.294 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

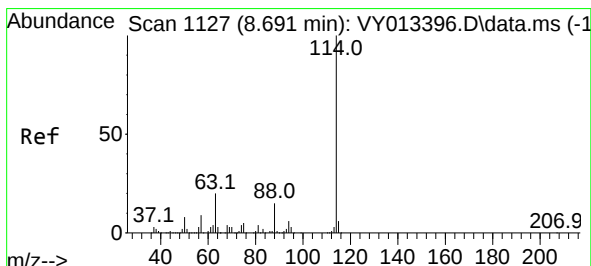
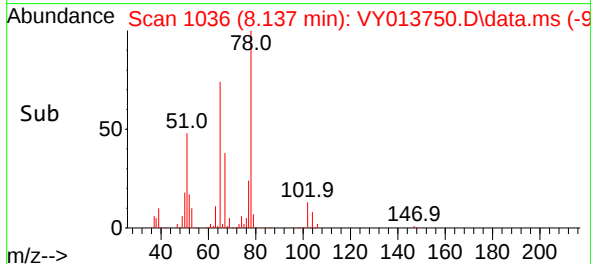
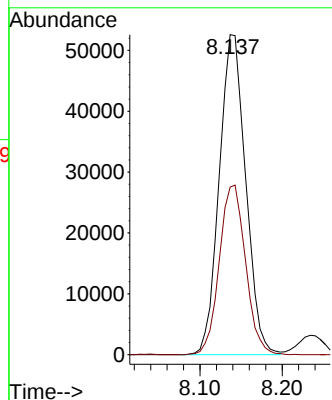
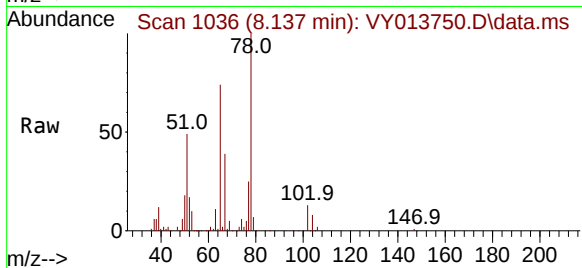
VSTDCCC050

Tgt Ion: 65 Resp: 117643

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

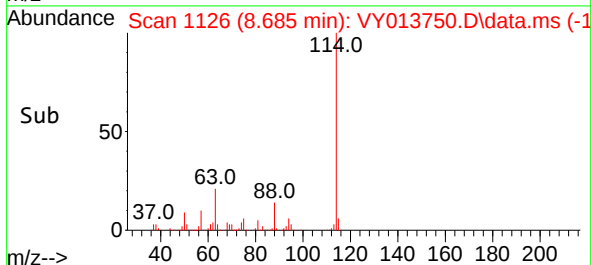
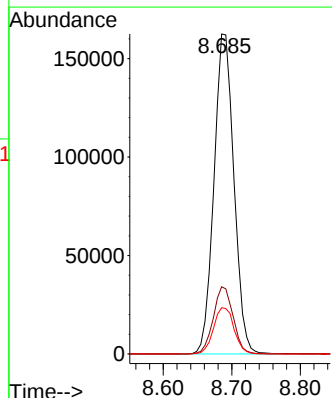
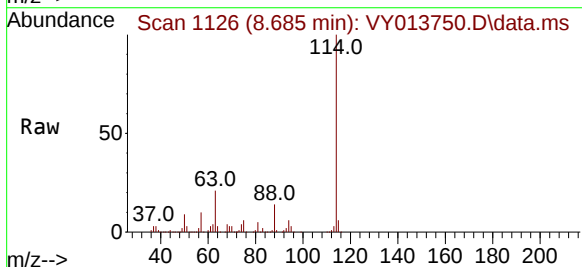
Tgt Ion: 114 Resp: 328067

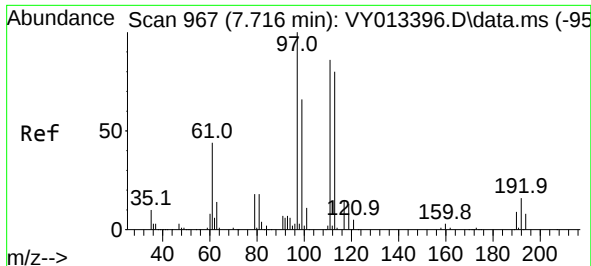
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.355 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

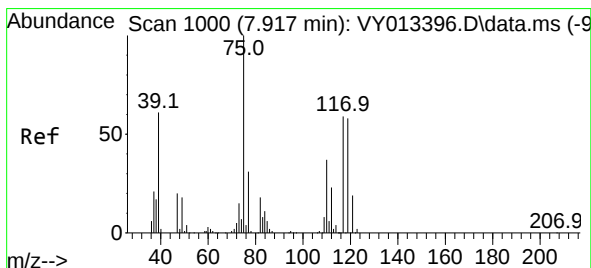
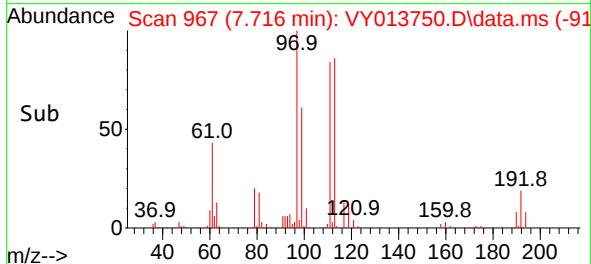
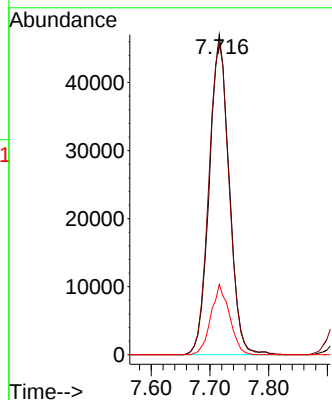
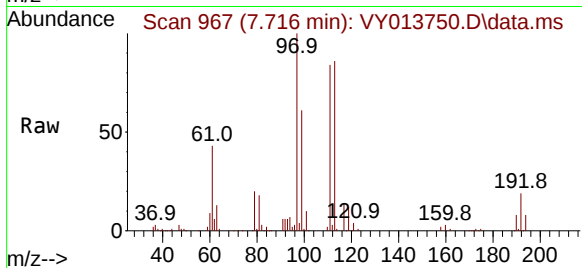
Tgt Ion:113 Resp: 110093

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.2

192 20.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 50.501 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

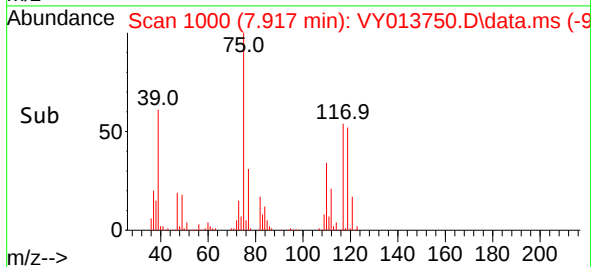
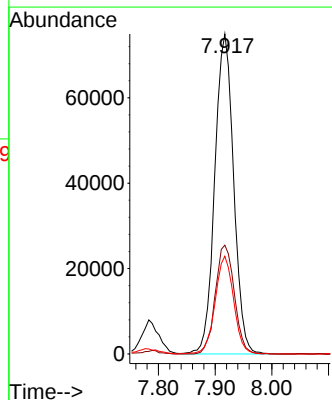
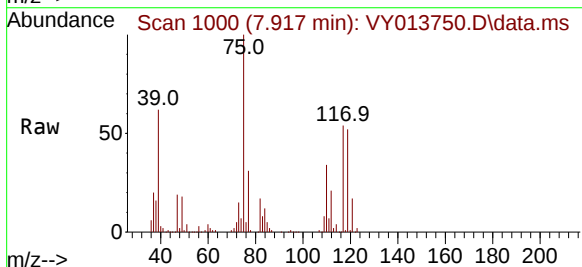
Tgt Ion: 75 Resp: 172941

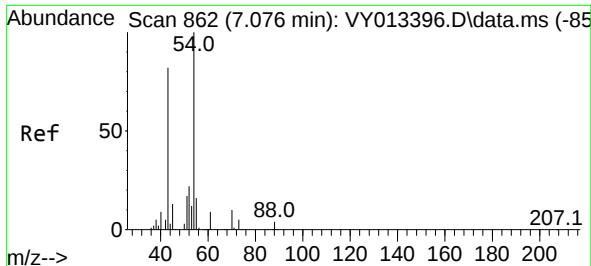
Ion Ratio Lower Upper

75 100

110 34.3 18.7 56.1

77 30.1 24.6 37.0





#37

Ethyl Acetate

Concen: 50.681 ug/l

RT: 7.070 min Scan# 862

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

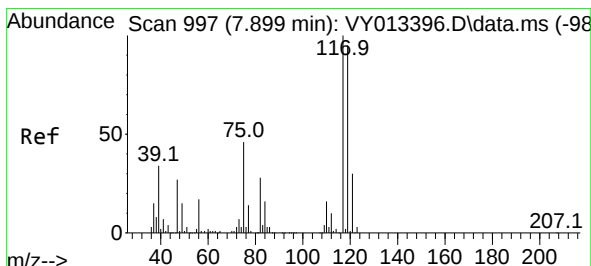
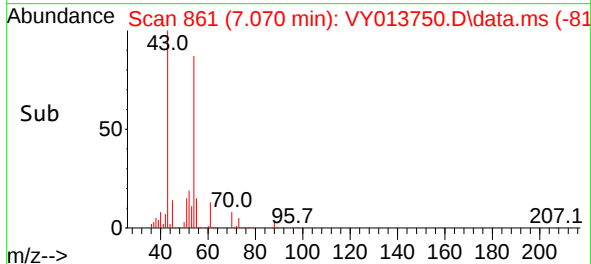
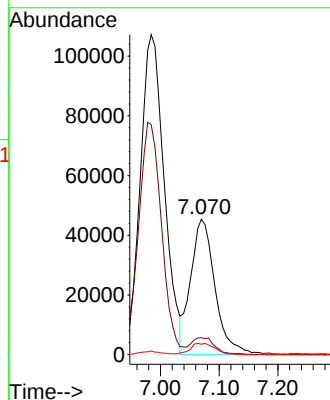
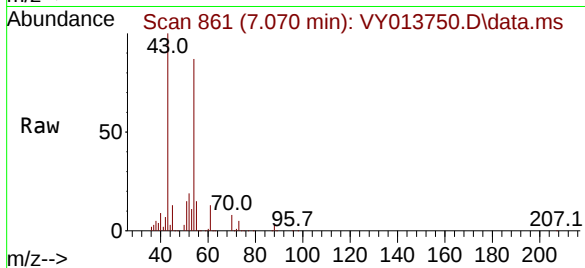
Tgt Ion: 43 Resp: 130607

Ion Ratio Lower Upper

43 100

61 11.9 11.4 17.0

70 8.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 52.525 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

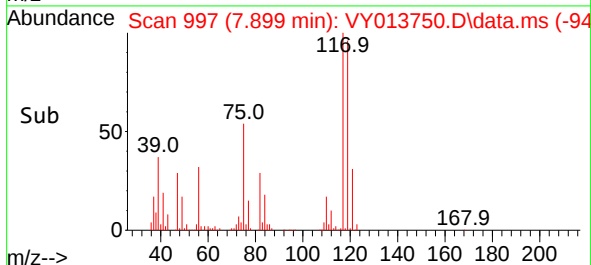
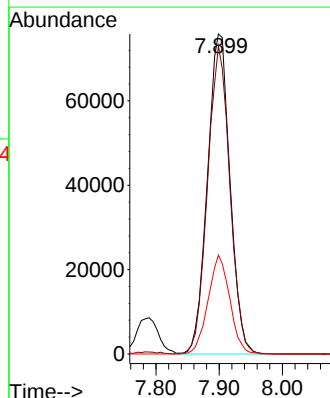
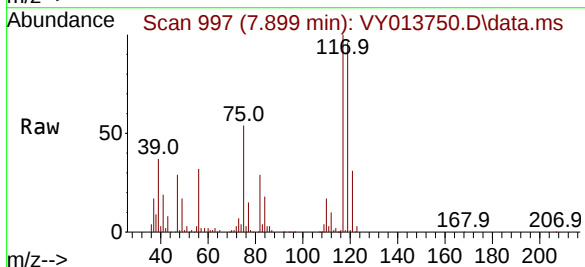
Tgt Ion: 117 Resp: 188525

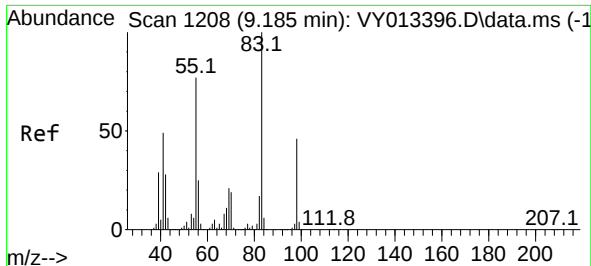
Ion Ratio Lower Upper

117 100

119 96.3 79.0 118.6

121 30.9 26.6 40.0





#39

Methylcyclohexane

Concen: 47.746 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

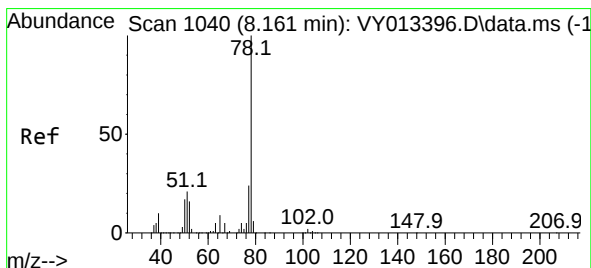
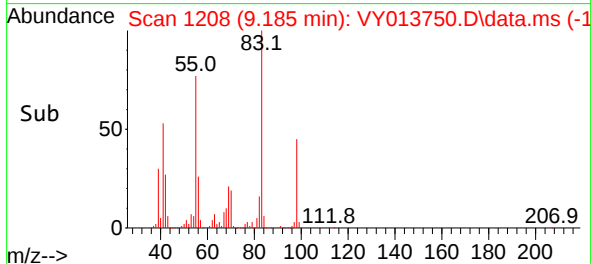
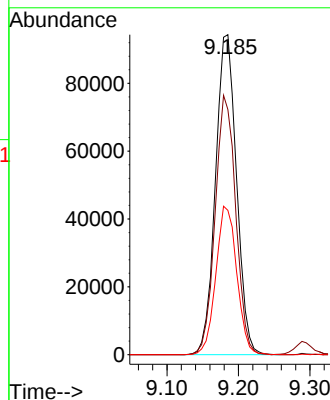
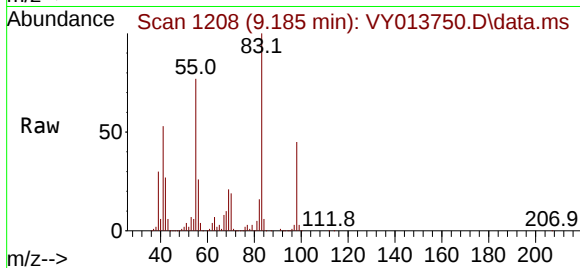
Tgt Ion: 83 Resp: 192755

Ion Ratio Lower Upper

83 100

55 76.6 59.0 88.4

98 45.1 37.0 55.4



#40

Benzene

Concen: 52.083 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013750.D

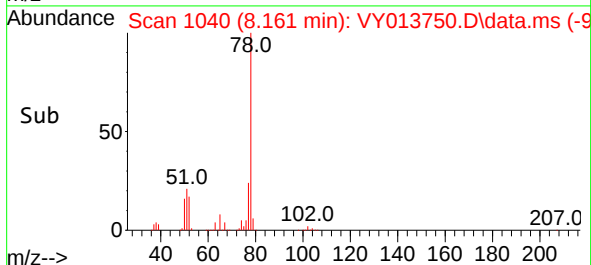
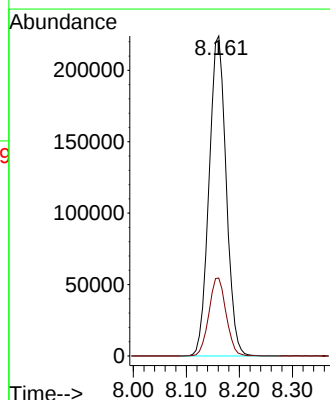
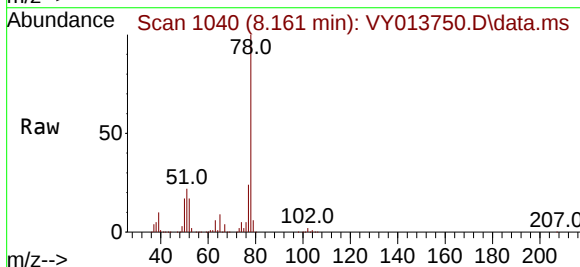
Acq: 16 May 2023 11:01

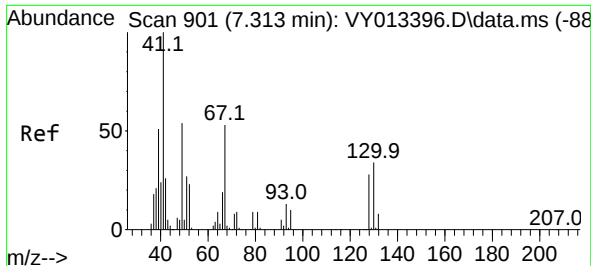
Tgt Ion: 78 Resp: 502415

Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8

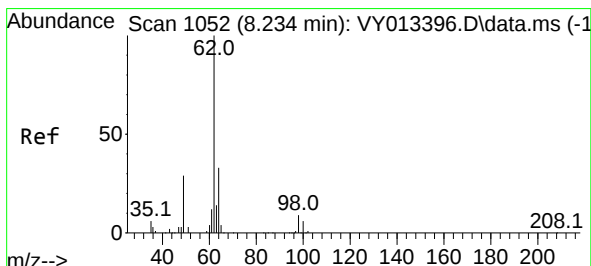
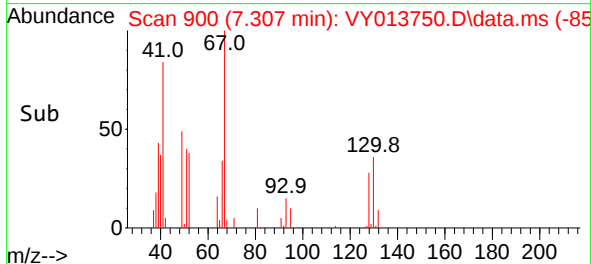
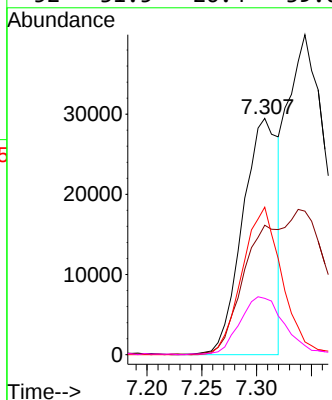
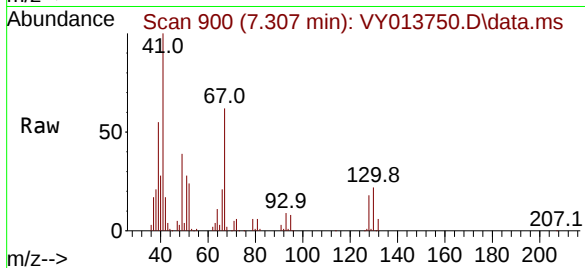




#41
Methacrylonitrile
Concen: 55.355 ug/l
RT: 7.307 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

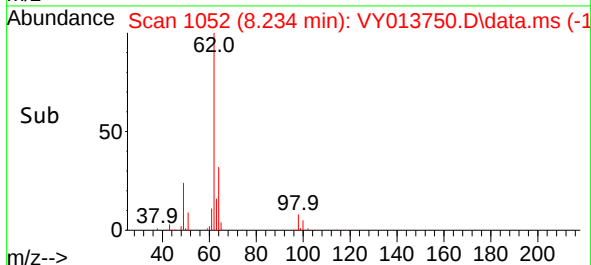
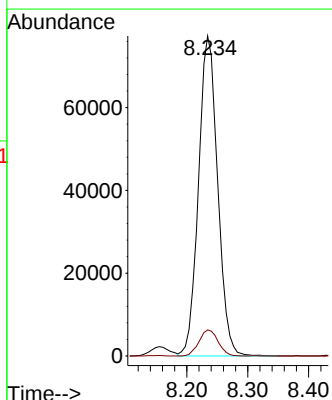
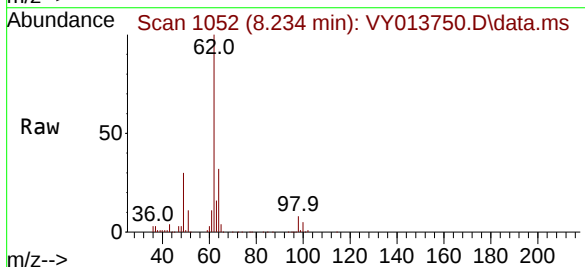
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

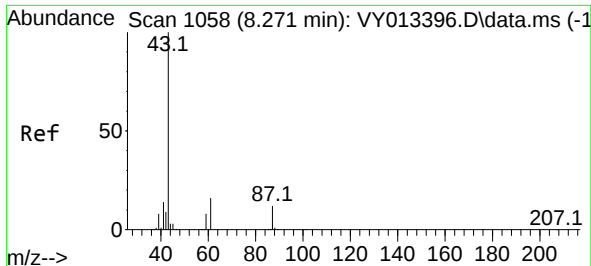
Tgt Ion: 41 Resp: 66475
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 70.6 62.9 94.3
52 31.5 26.4 39.6



#42
1,2-Dichloroethane
Concen: 53.502 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 62 Resp: 168731
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.8

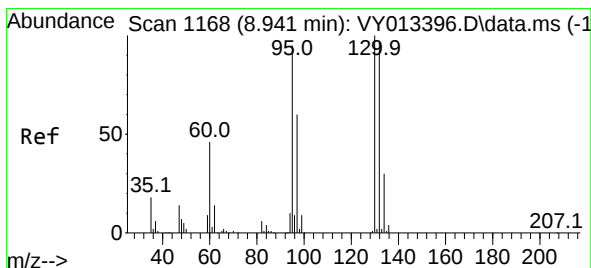
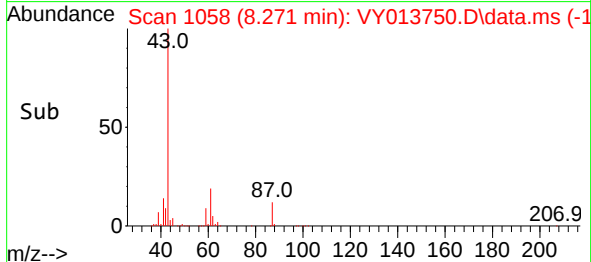
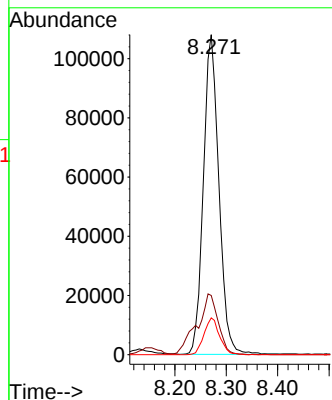
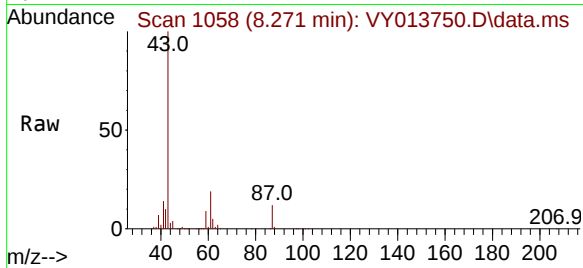




#43
Isopropyl Acetate
Concen: 51.904 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

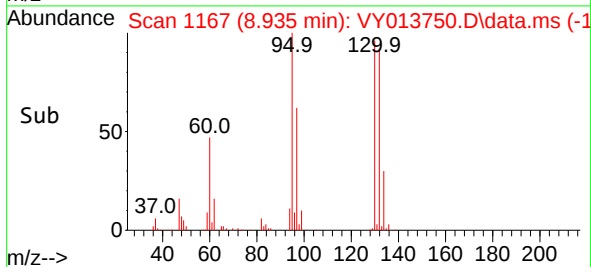
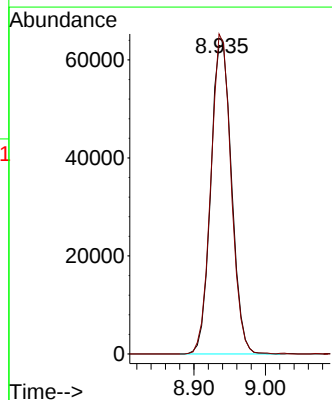
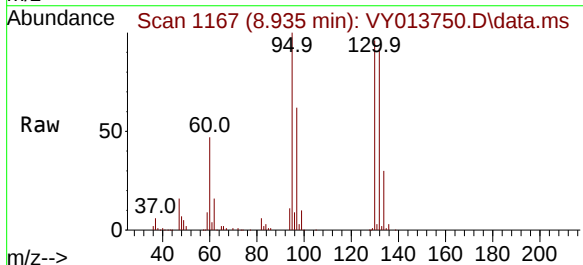
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

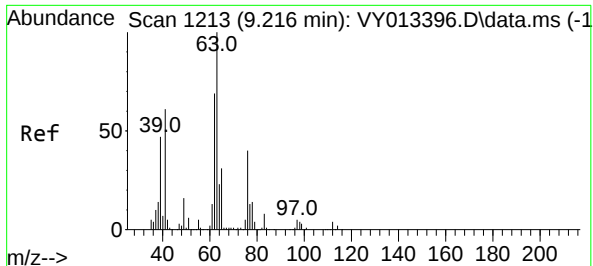
Tgt Ion: 43 Resp: 225769
Ion Ratio Lower Upper
43 100
61 26.0 22.2 33.4
87 11.5 11.0 16.6



#44
Trichloroethene
Concen: 50.041 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion:130 Resp: 128402
Ion Ratio Lower Upper
130 100
95 103.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 54.657 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

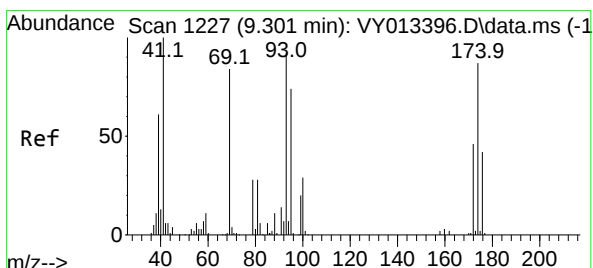
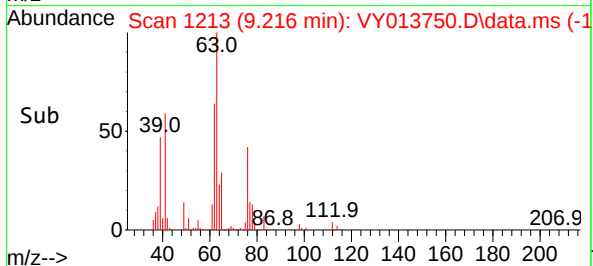
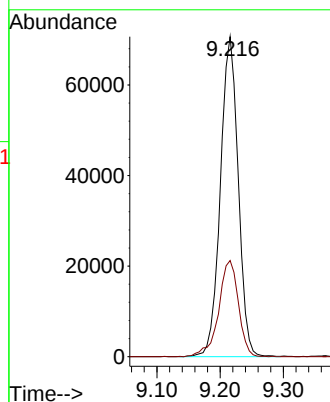
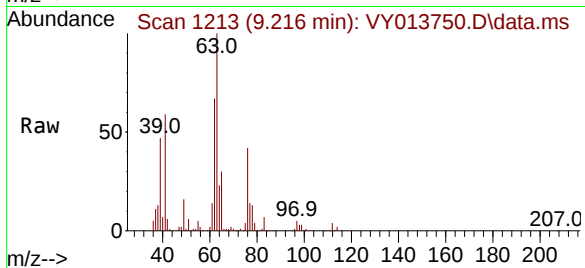
VSTDCCC050

Tgt Ion: 63 Resp: 137855

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#46

Dibromomethane

Concen: 52.287 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

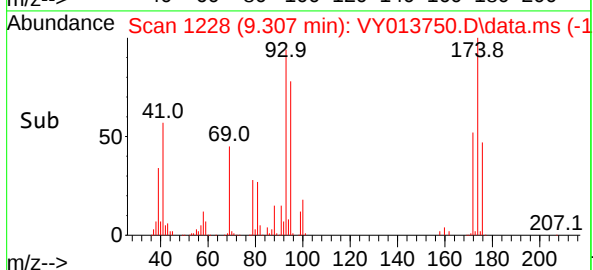
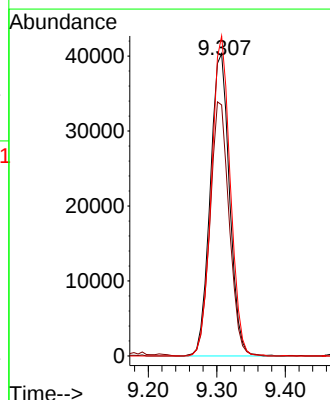
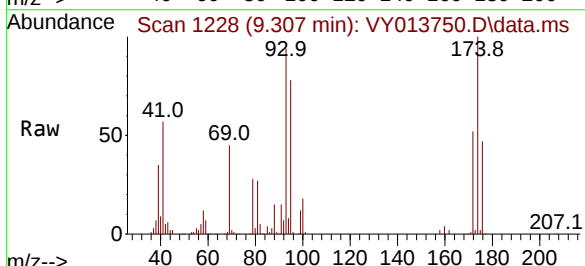
Tgt Ion: 93 Resp: 78907

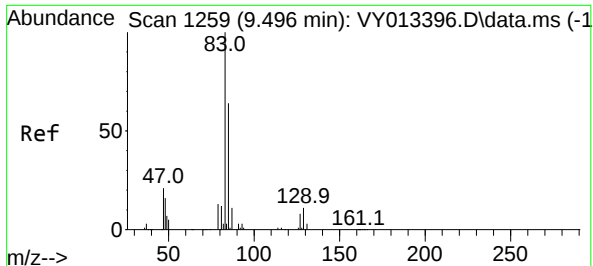
Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

174 103.2 87.0 130.4





#47

Bromodichloromethane

Concen: 55.649 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

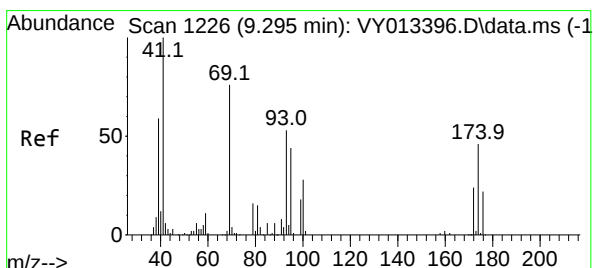
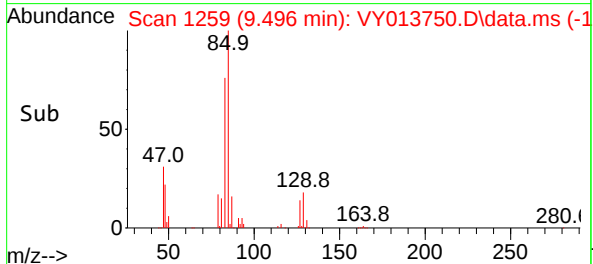
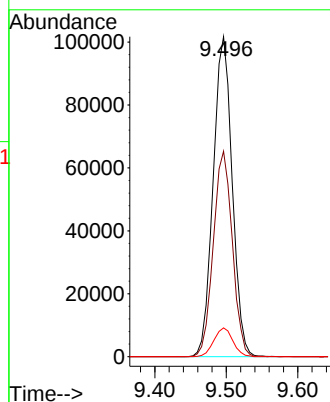
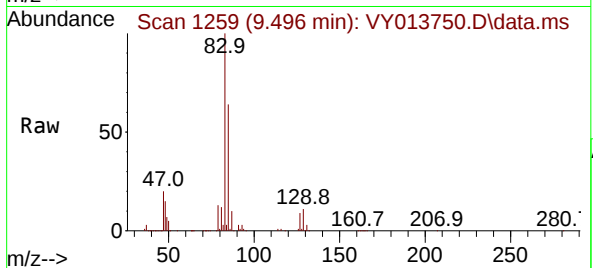
Tgt Ion: 83 Resp: 187917

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

127 9.0 8.1 12.1



#48

Methyl methacrylate

Concen: 52.254 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

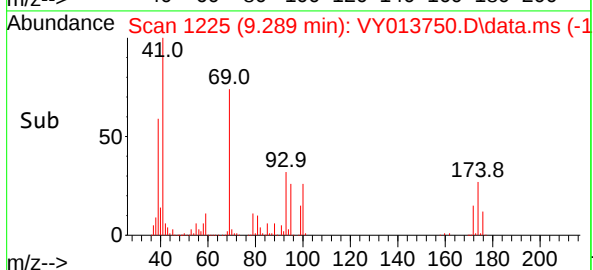
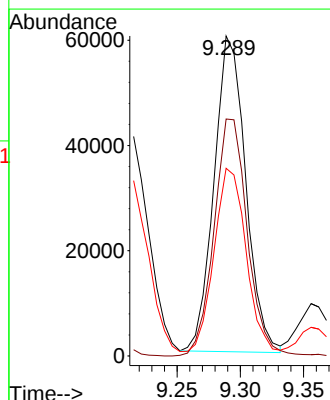
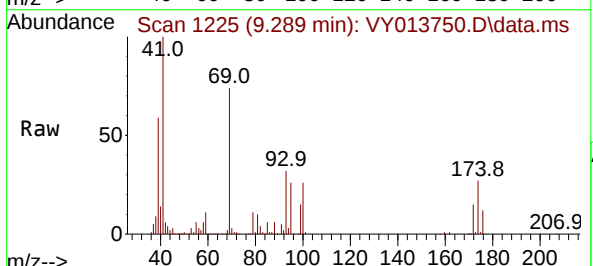
Tgt Ion: 41 Resp: 104389

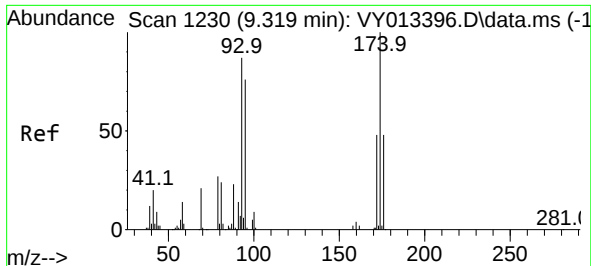
Ion Ratio Lower Upper

41 100

69 79.2 70.2 105.4

39 58.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1004.391 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

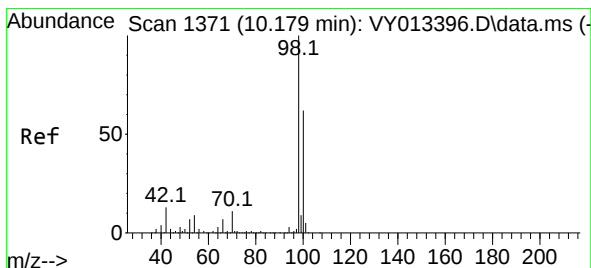
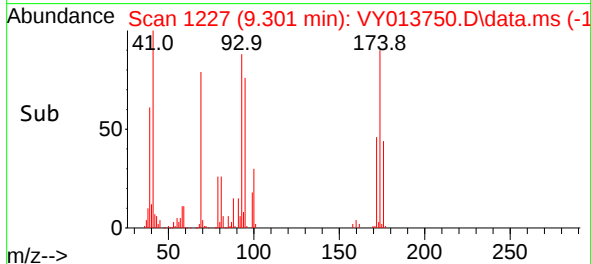
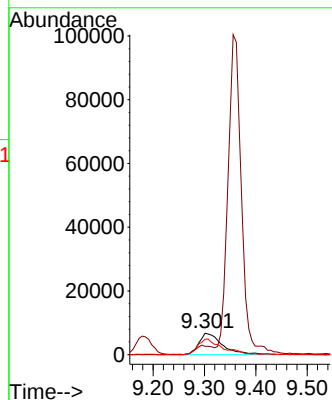
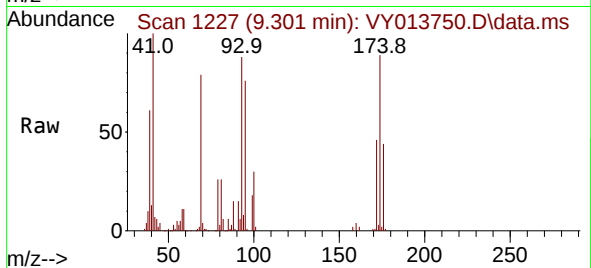
Tgt Ion: 88 Resp: 21648

Ion Ratio Lower Upper

88 100

43 30.4 16.8 25.2#

58 74.7 54.3 81.5



#50

Toluene-d8

Concen: 48.073 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013750.D

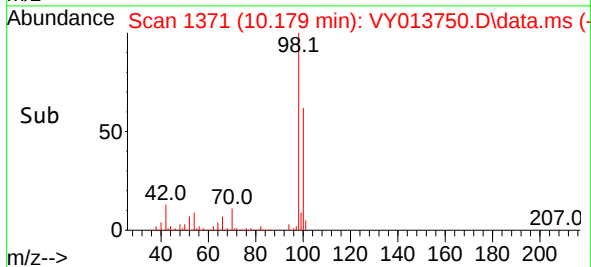
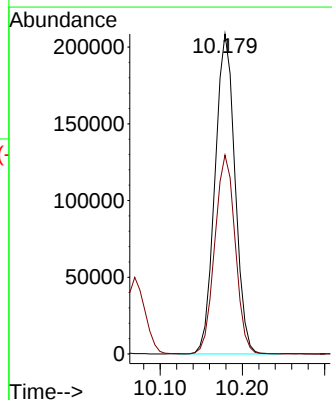
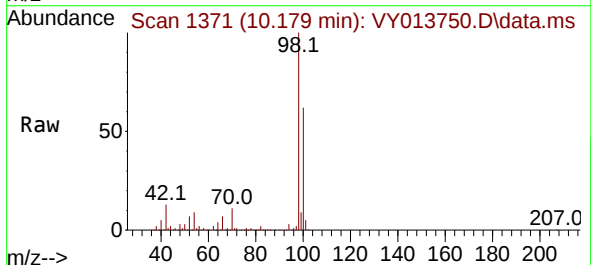
Acq: 16 May 2023 11:01

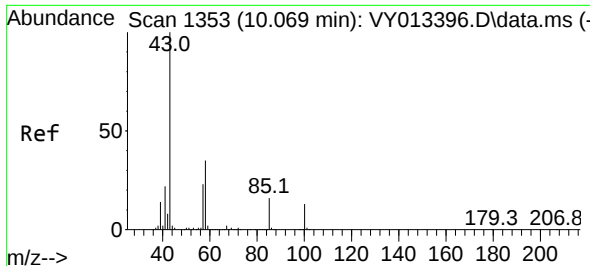
Tgt Ion: 98 Resp: 352874

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

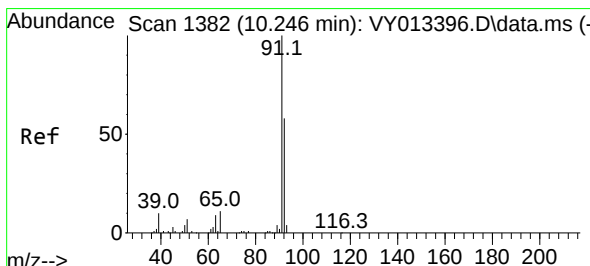
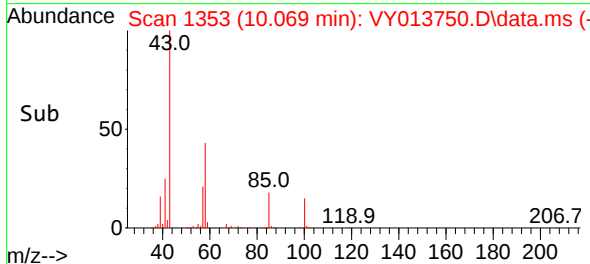
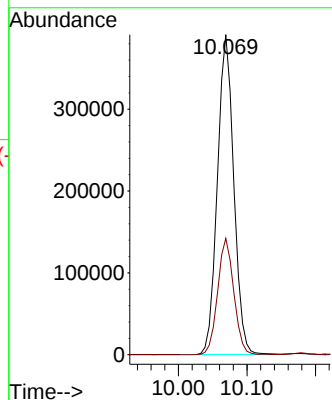
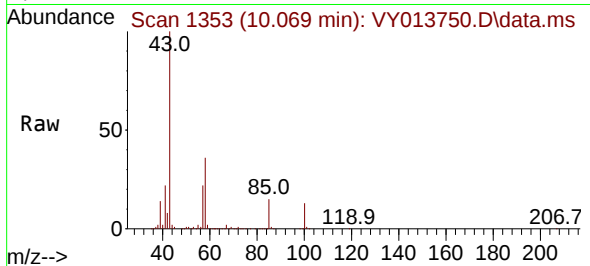




#51
4-Methyl-2-Pentanone
Concen: 266.655 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

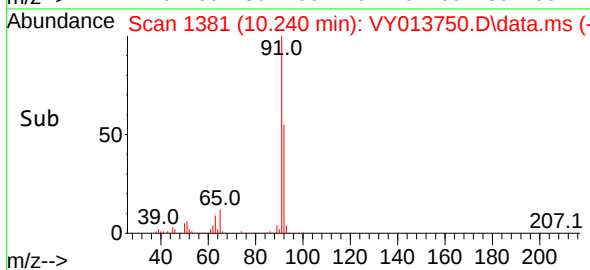
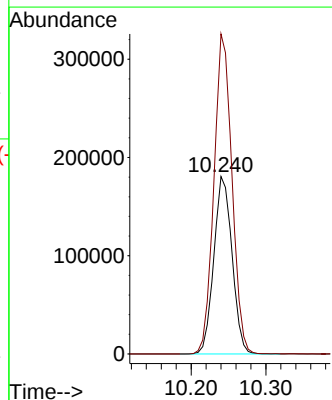
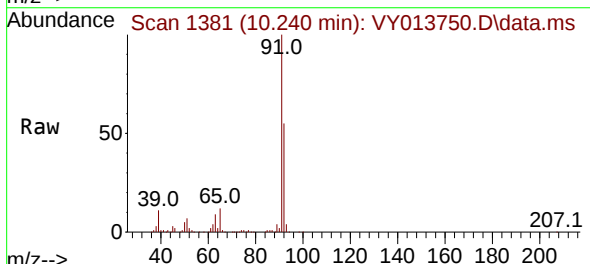
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

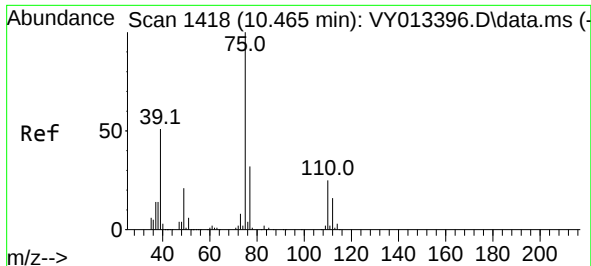
Tgt Ion: 43 Resp: 646342
Ion Ratio Lower Upper
43 100
58 35.9 30.6 46.0



#52
Toluene
Concen: 52.716 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 92 Resp: 306012
Ion Ratio Lower Upper
92 100
91 178.7 140.2 210.4

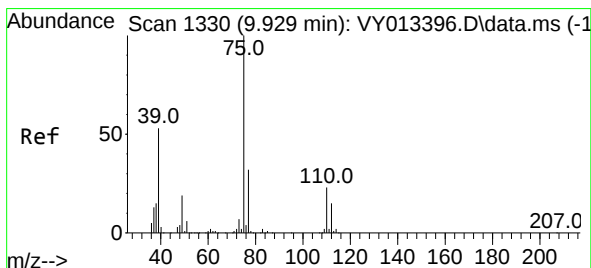
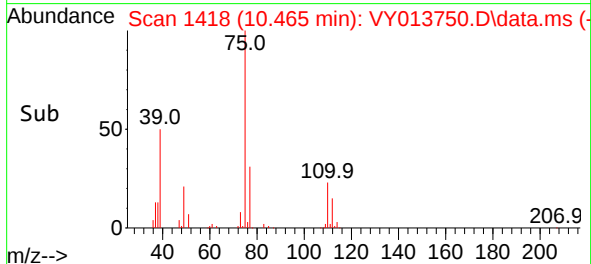
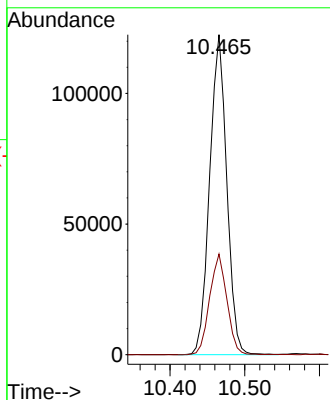
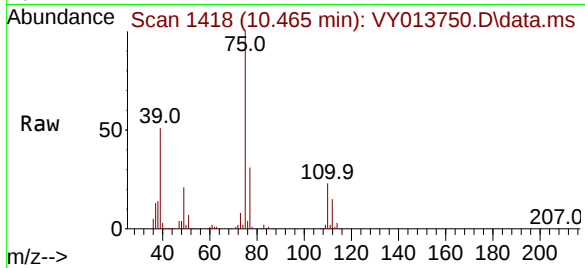




#53
 t-1,3-Dichloropropene
 Concen: 54.344 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013750.D
 Acq: 16 May 2023 11:01

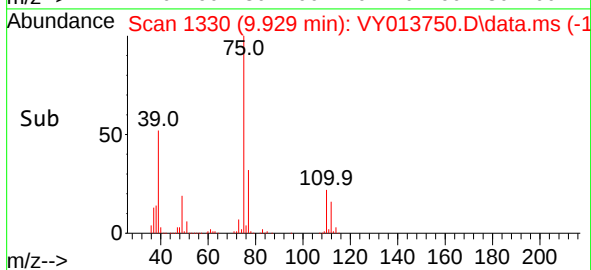
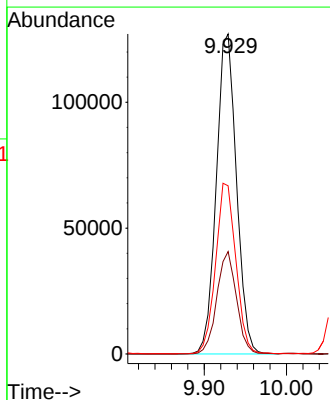
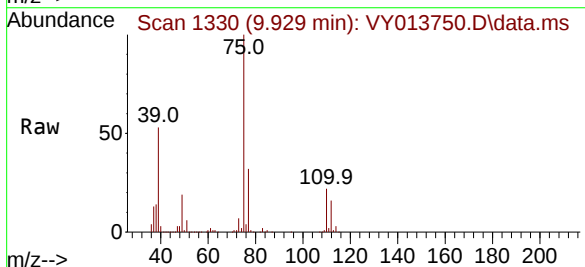
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

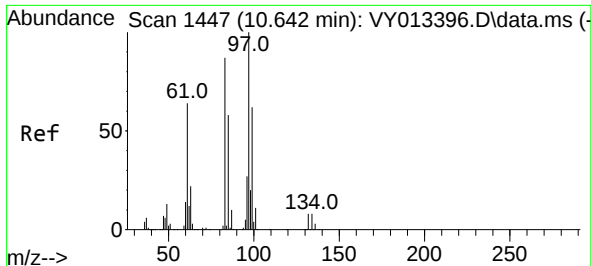
Tgt Ion: 75 Resp: 194217
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.928 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013750.D
 Acq: 16 May 2023 11:01

Tgt Ion: 75 Resp: 216865
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 52.4 38.1 57.1

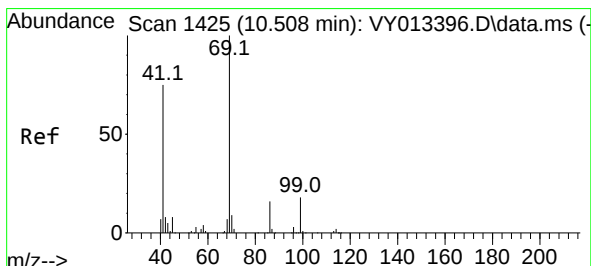
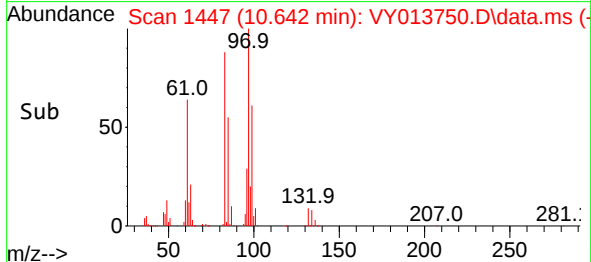
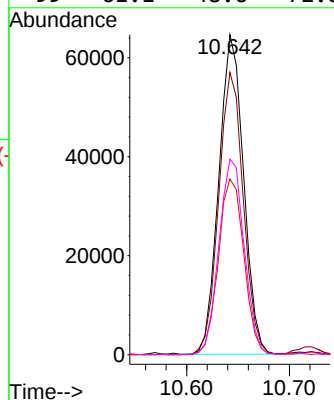
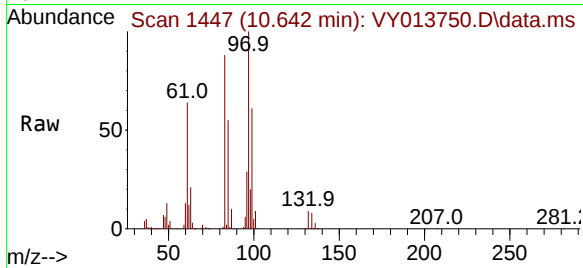




#55
1,1,2-Trichloroethane
Concen: 53.850 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

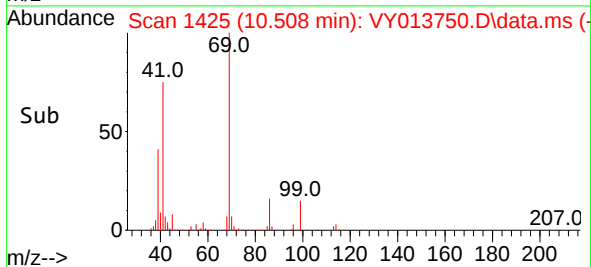
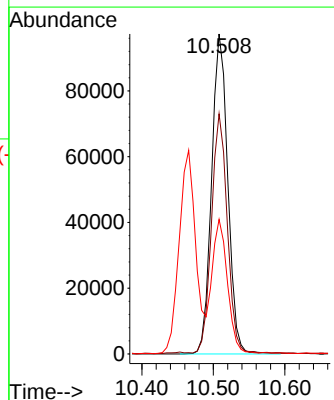
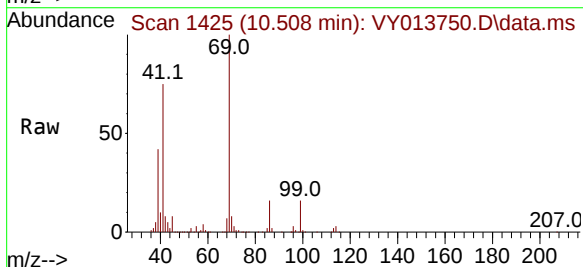
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

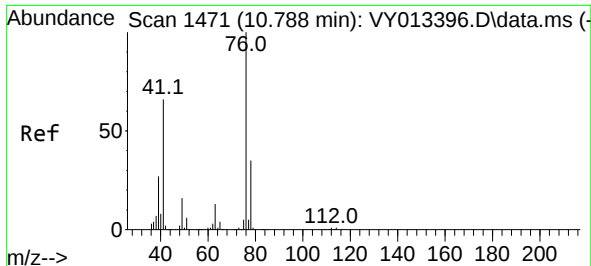
Tgt Ion: 97	Resp: 107620
Ion Ratio	Lower Upper
97 100	
83 88.3	66.4 99.6
85 55.0	45.6 68.4
99 61.1	48.6 72.8



#56
Ethyl methacrylate
Concen: 55.184 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 69	Resp: 153006
Ion Ratio	Lower Upper
69 100	
41 73.5	51.4 77.0
39 39.7	29.0 43.6





#57

1,3-Dichloropropane

Concen: 54.462 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

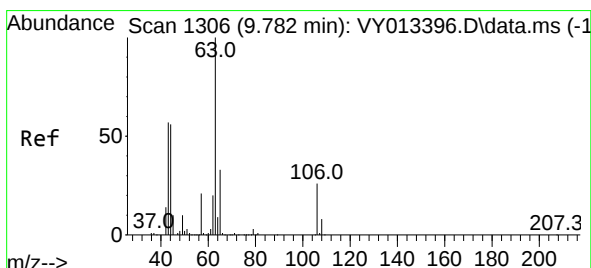
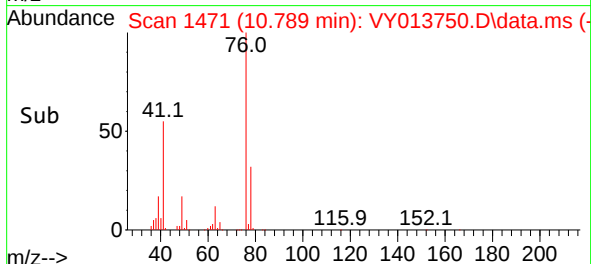
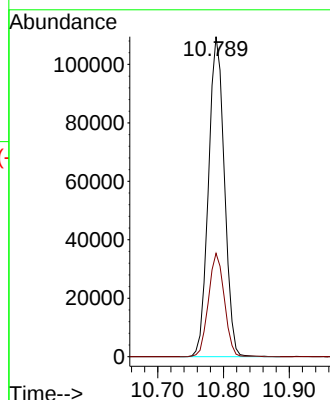
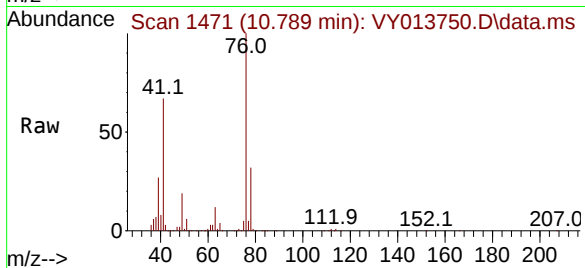
VSTDCCC050

Tgt Ion: 76 Resp: 184335

Ion Ratio Lower Upper

76 100

78 32.3 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 244.930 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013750.D

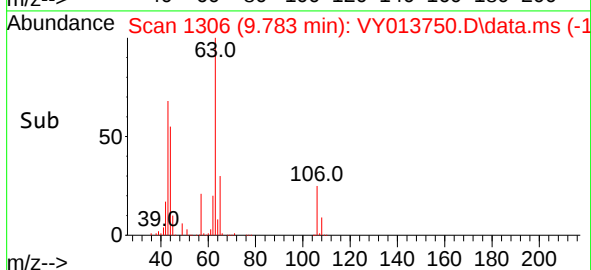
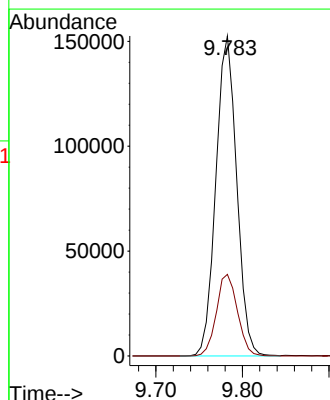
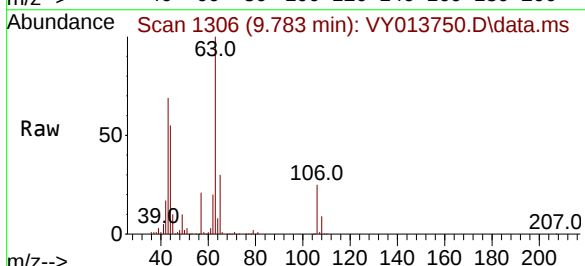
Acq: 16 May 2023 11:01

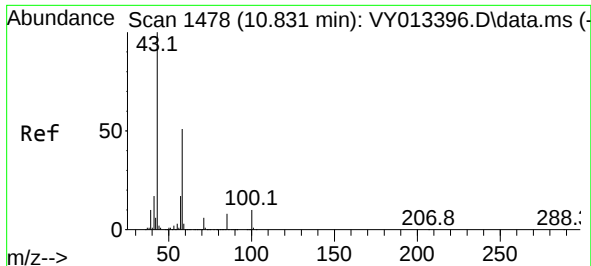
Tgt Ion: 63 Resp: 254653

Ion Ratio Lower Upper

63 100

106 25.8 23.5 35.3

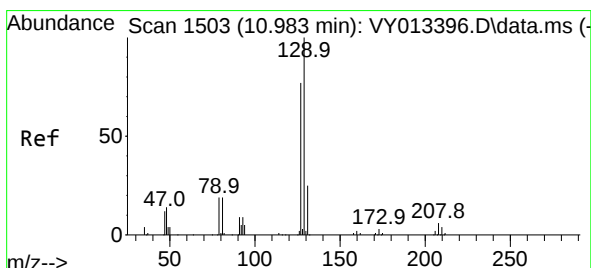
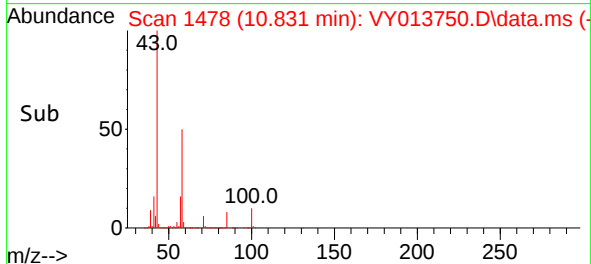
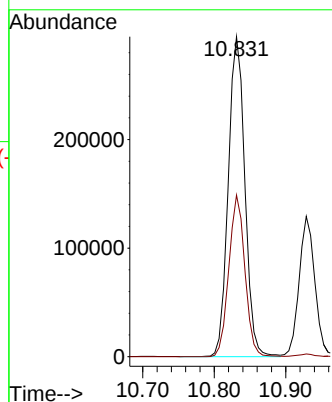
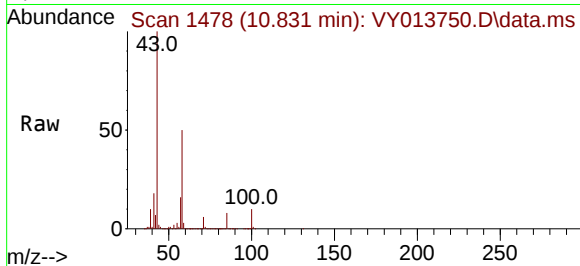




#59
2-Hexanone
Concen: 269.656 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

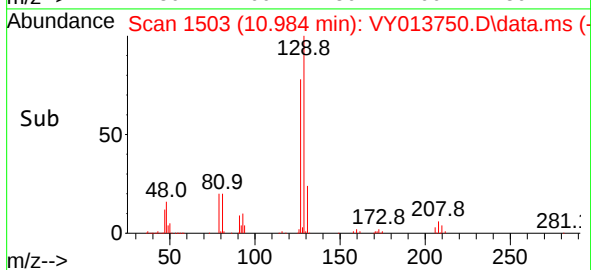
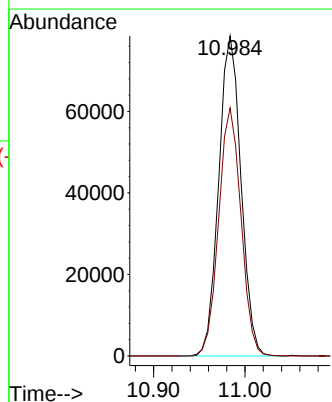
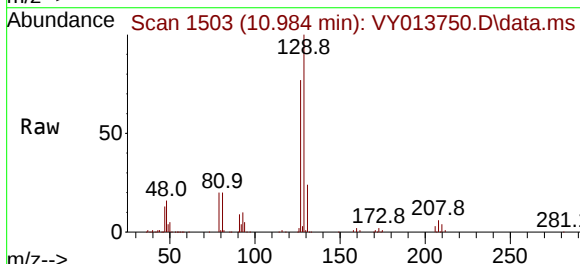
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

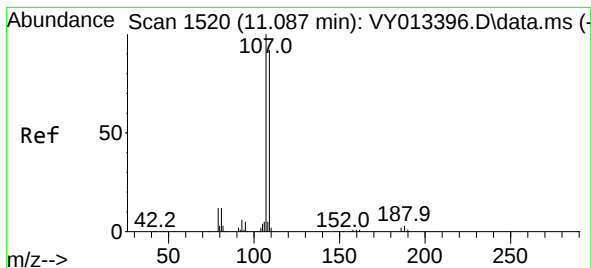
Tgt Ion: 43 Resp: 475127
Ion Ratio Lower Upper
43 100
58 48.8 26.3 78.8



#60
Dibromochloromethane
Concen: 54.802 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion:129 Resp: 132985
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

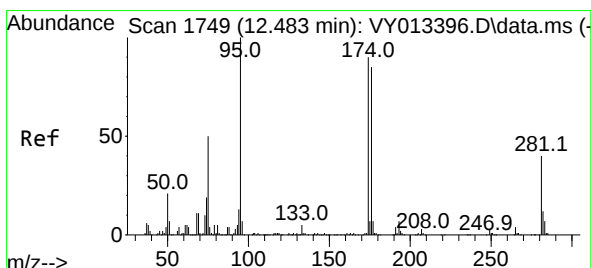
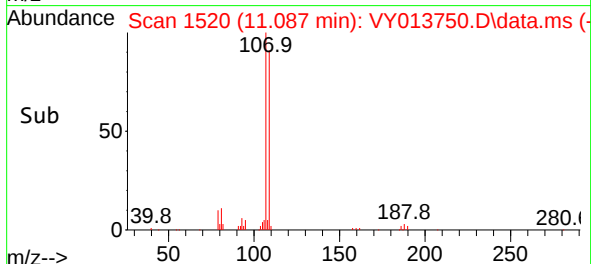
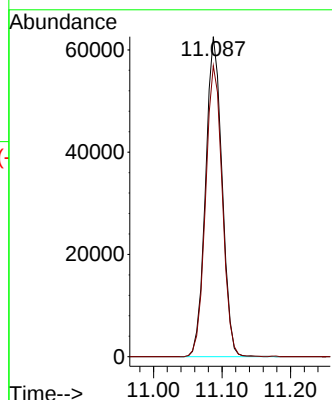
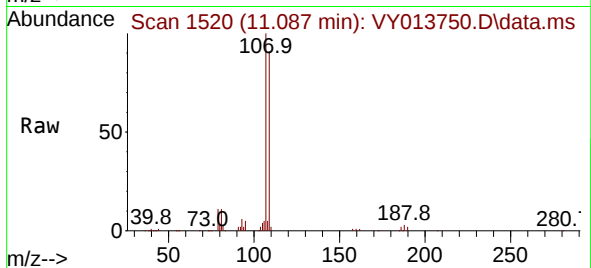




#61
1,2-Dibromoethane
Concen: 53.173 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

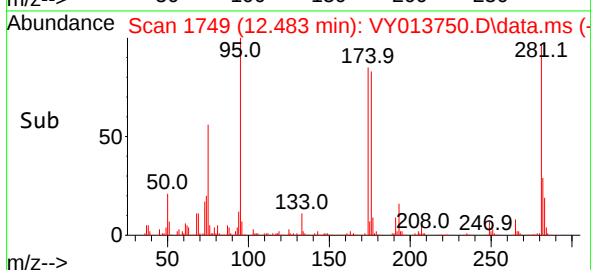
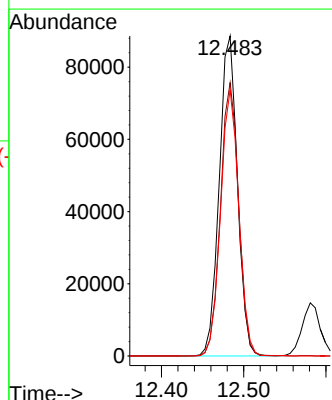
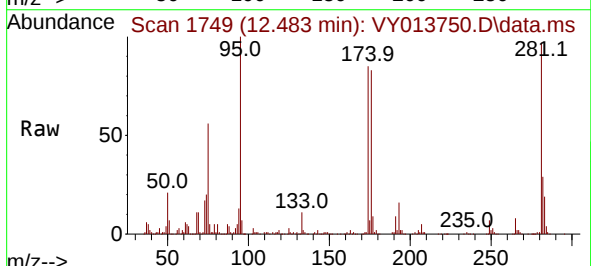
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

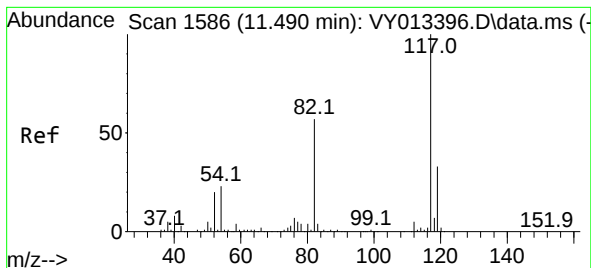
Tgt Ion:107 Resp: 104477
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 95 Resp: 136252
Ion Ratio Lower Upper
95 100
174 85.2 0.0 182.0
176 83.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

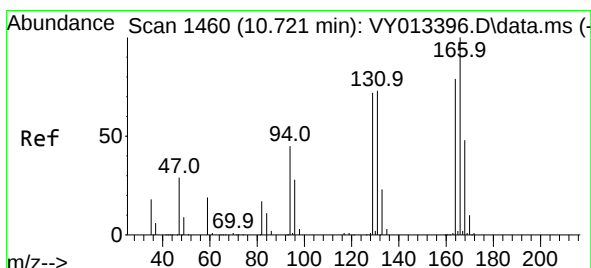
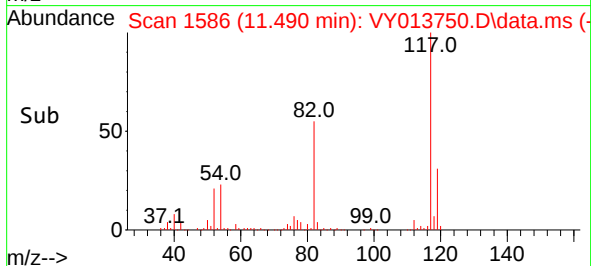
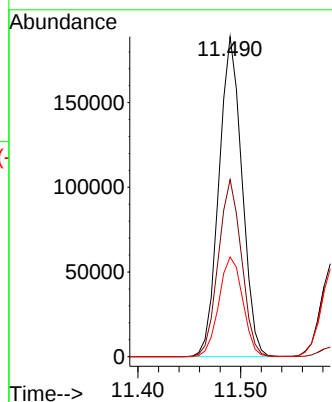
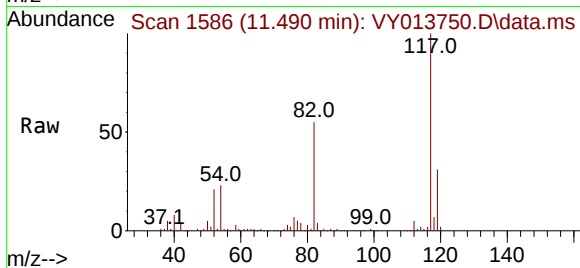
Tgt Ion:117 Resp: 294374

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.6

119 31.1 25.5 38.3



#64

Tetrachloroethene

Concen: 47.992 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Tgt Ion:164 Resp: 107427

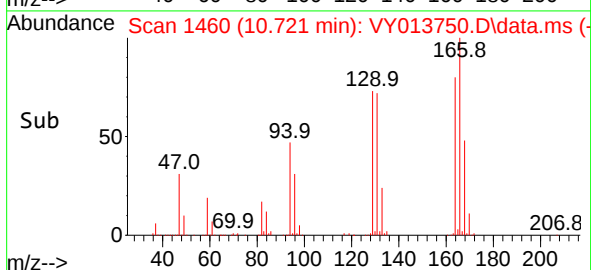
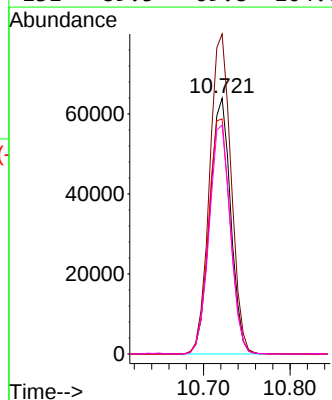
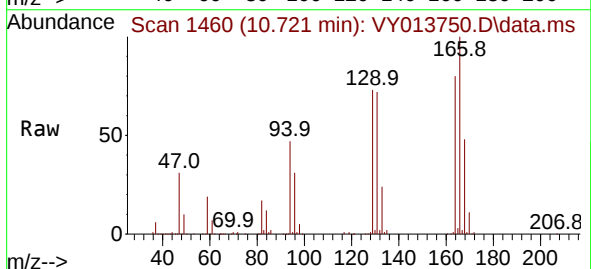
Ion Ratio Lower Upper

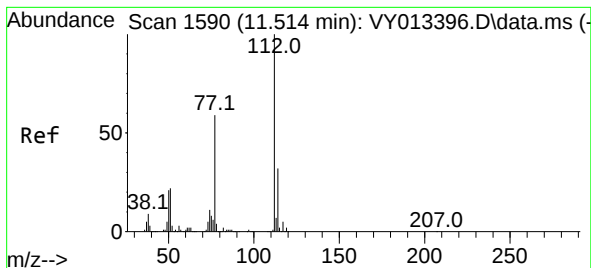
164 100

166 125.1 97.5 146.3

129 91.9 72.6 109.0

131 89.5 69.8 104.6





#65

Chlorobenzene

Concen: 51.501 ug/l

RT: 11.514 min Scan# 111

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

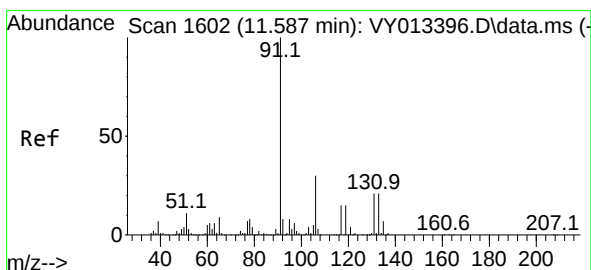
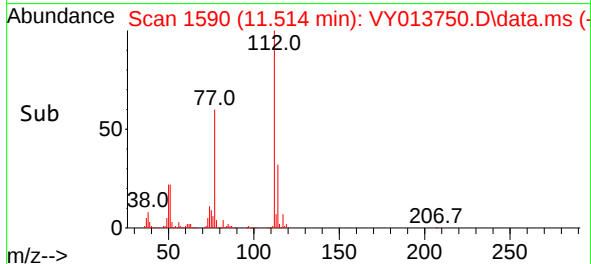
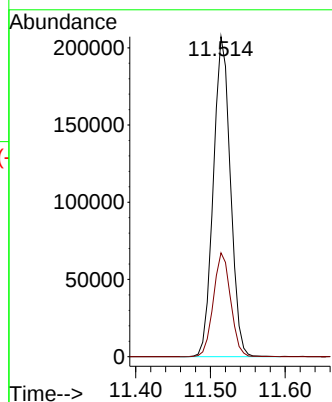
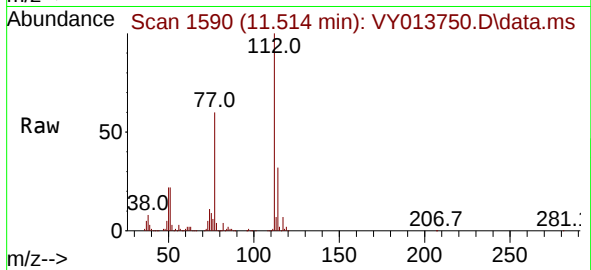
VSTDCCC050

Tgt Ion:112 Resp: 330253

Ion Ratio Lower Upper

112 100

114 32.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.429 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

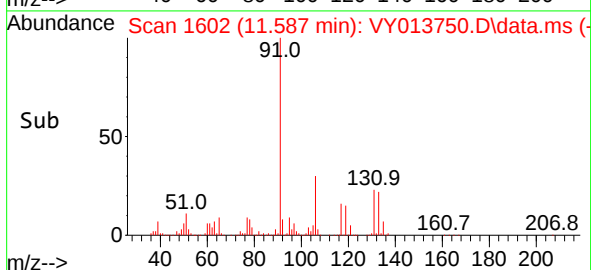
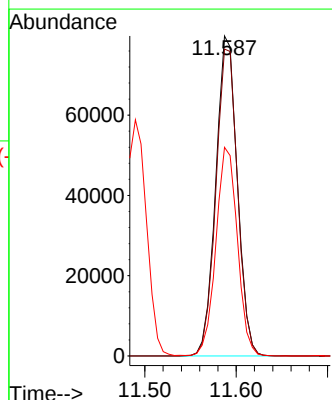
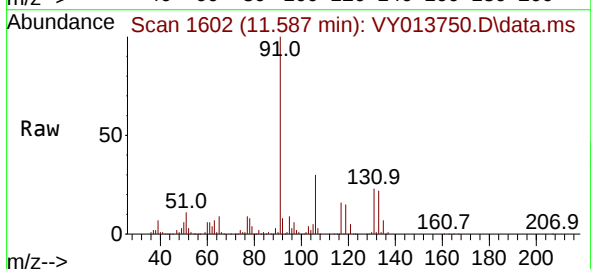
Tgt Ion:131 Resp: 130537

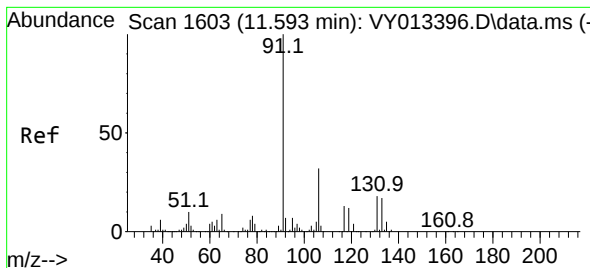
Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 53.358 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

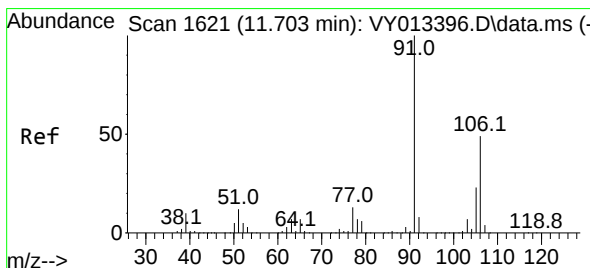
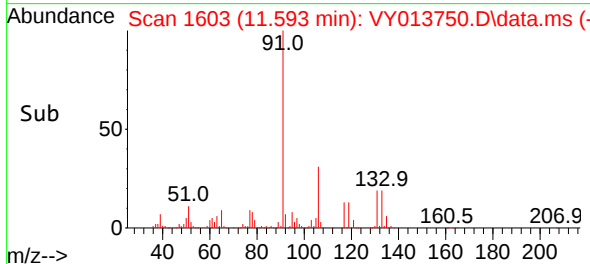
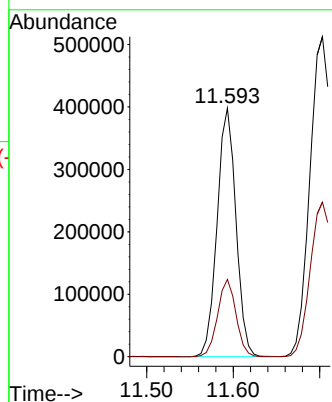
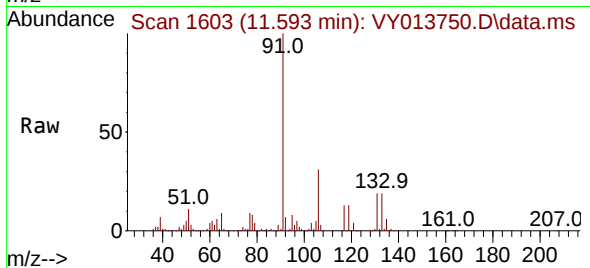
VSTDCCC050

Tgt Ion: 91 Resp: 600833

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#68

m/p-Xylenes

Concen: 105.472 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013750.D

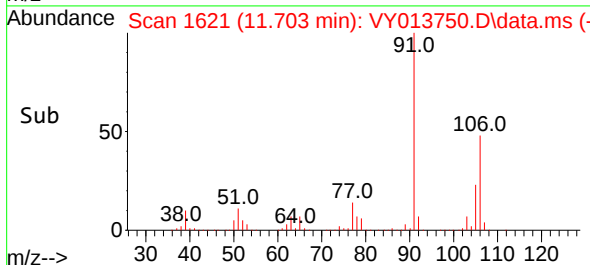
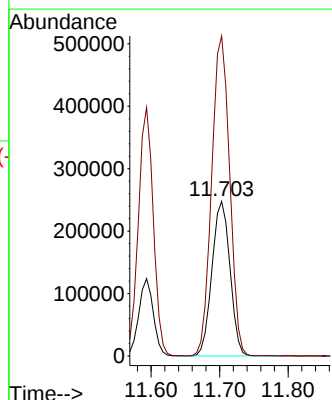
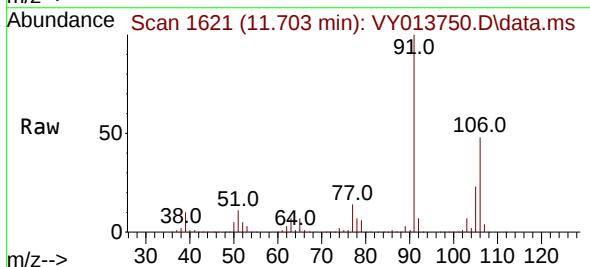
Acq: 16 May 2023 11:01

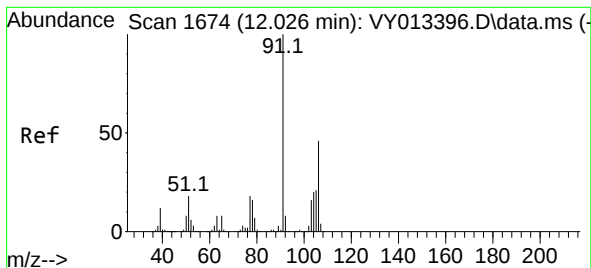
Tgt Ion:106 Resp: 451498

Ion Ratio Lower Upper

106 100

91 206.5 160.9 241.3





#69

o-Xylene

Concen: 53.793 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

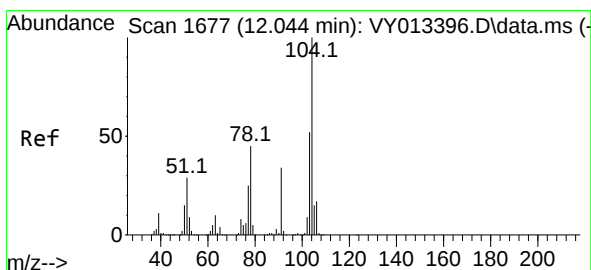
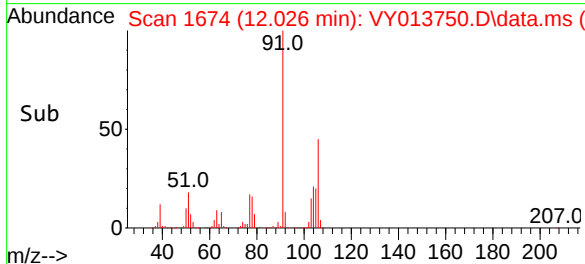
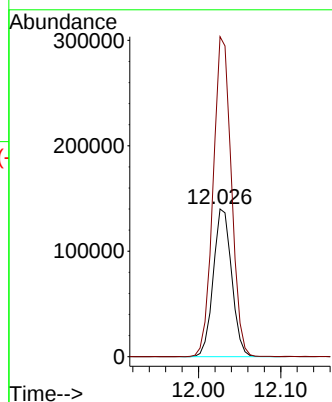
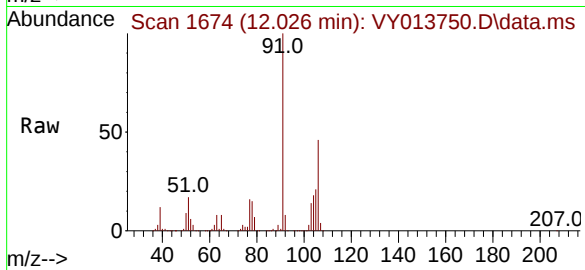
VSTDCCC050

Tgt Ion:106 Resp: 217782

Ion Ratio Lower Upper

106 100

91 214.9 105.5 316.4



#70

Styrene

Concen: 54.651 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

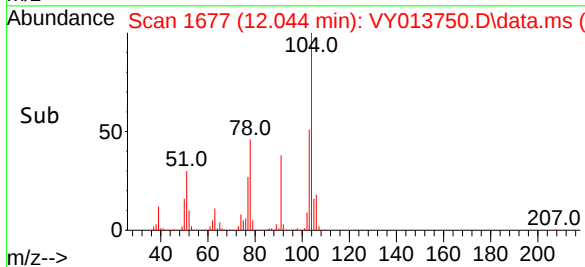
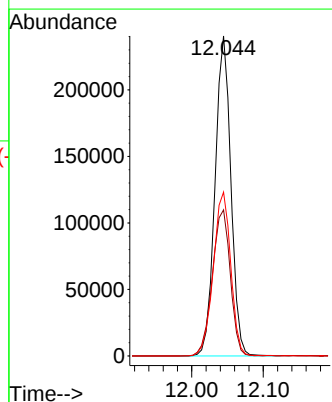
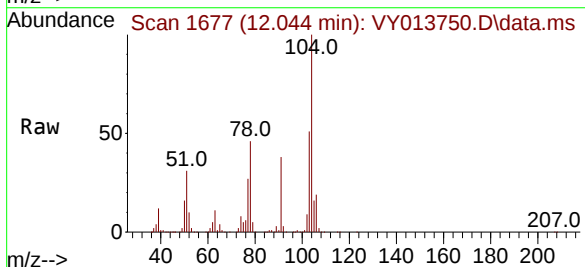
Tgt Ion:104 Resp: 369940

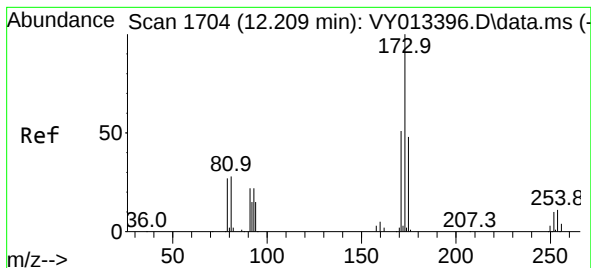
Ion Ratio Lower Upper

104 100

78 51.9 40.3 60.5

103 56.4 45.0 67.4





#71

Bromoform

Concen: 53.983 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

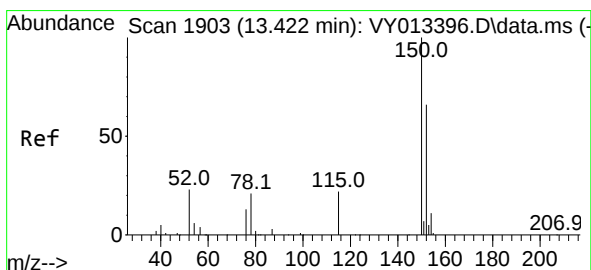
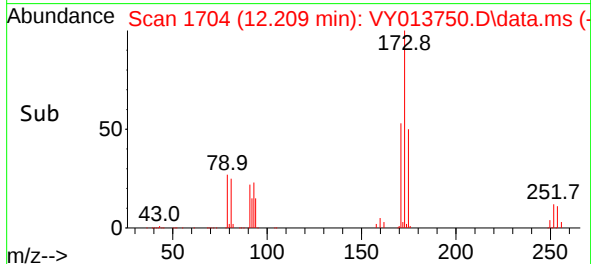
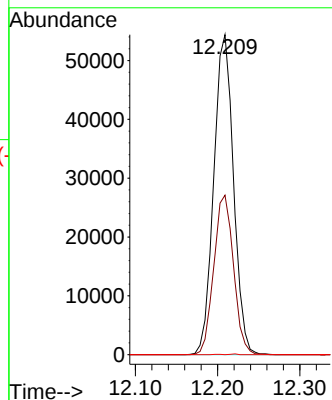
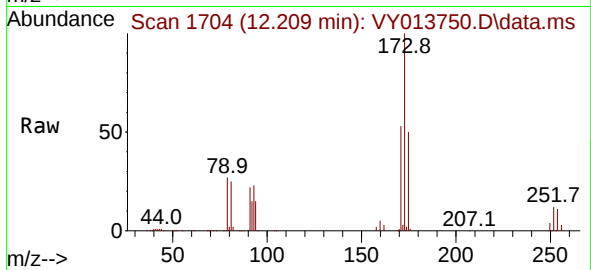
Tgt Ion:173 Resp: 90685

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

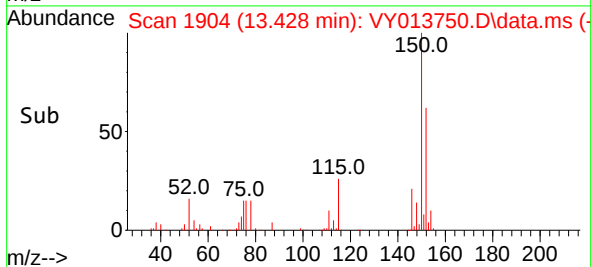
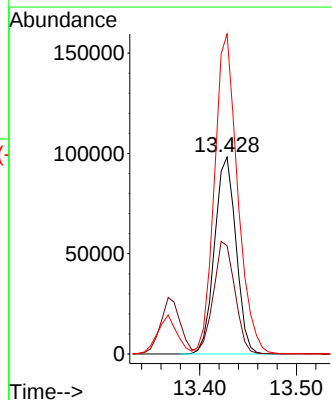
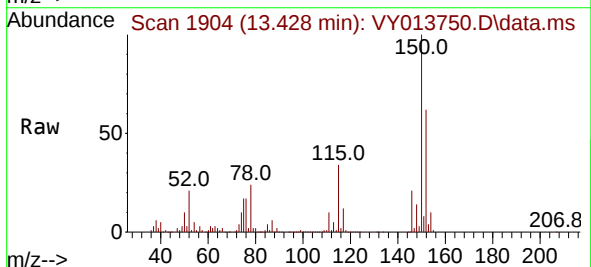
Tgt Ion:152 Resp: 151143

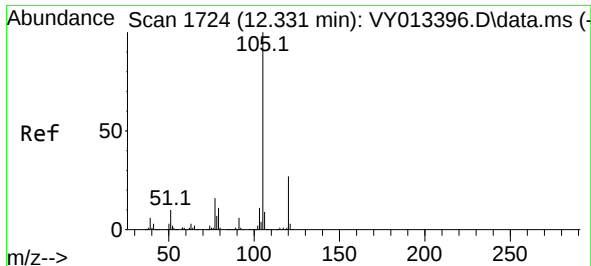
Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 175.7 0.0 352.0

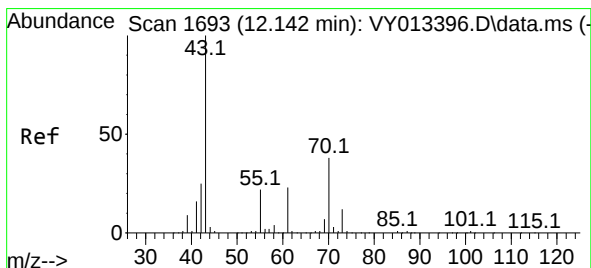
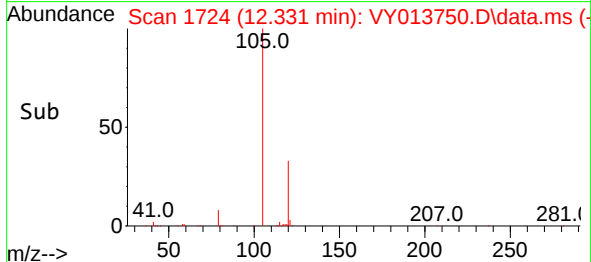
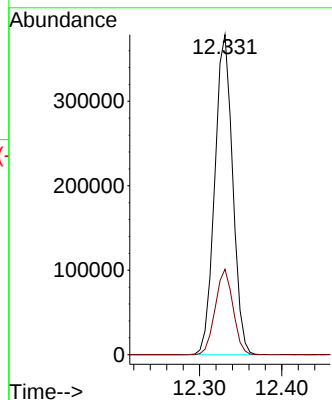
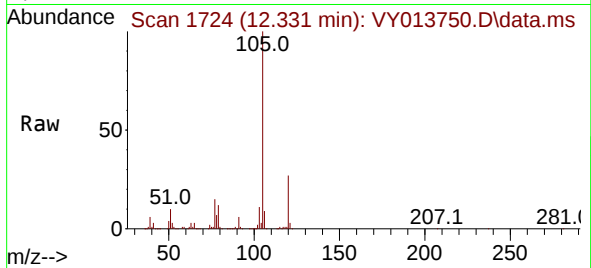




#73
Isopropylbenzene
Concen: 50.089 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

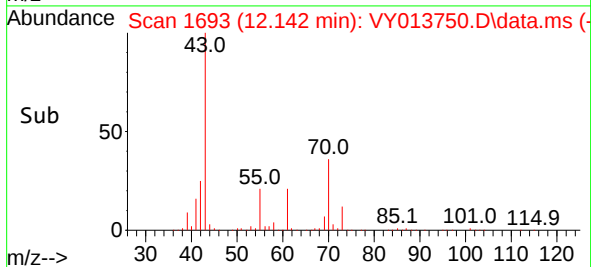
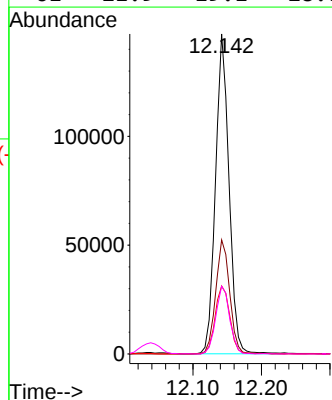
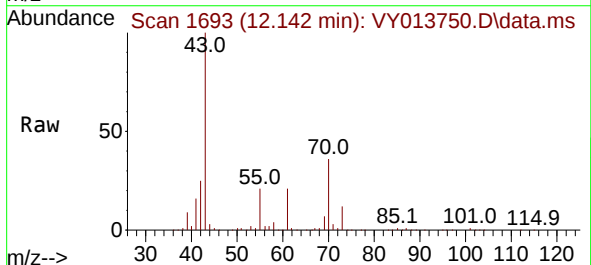
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

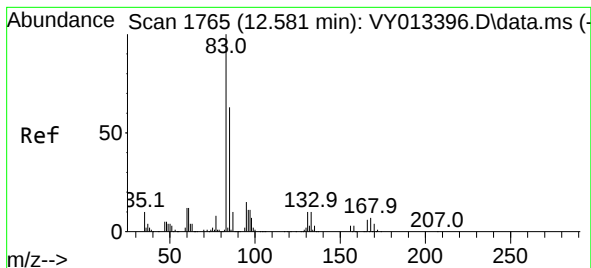
Tgt Ion:105 Resp: 572616
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0



#74
N-ethyl acetate
Concen: 49.371 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 43 Resp: 200849
Ion Ratio Lower Upper
43 100
70 36.8 33.0 49.4
55 23.2 19.8 29.6
61 21.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.752 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

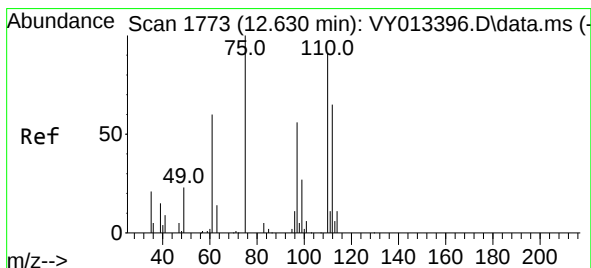
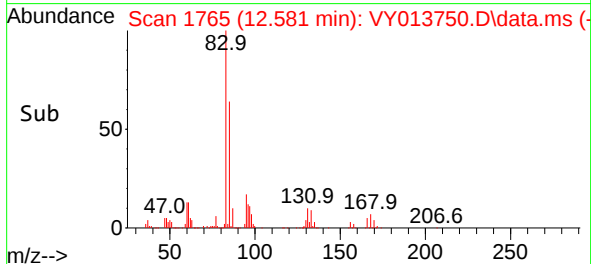
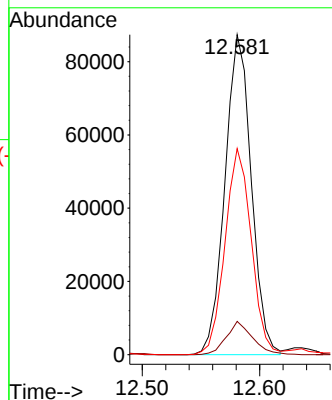
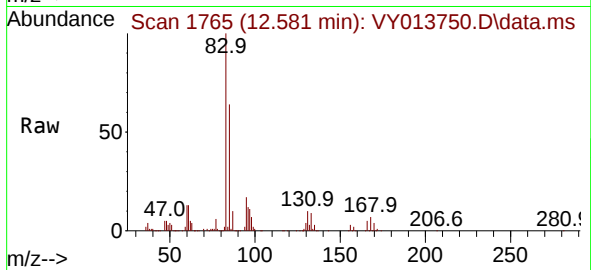
Tgt Ion: 83 Resp: 136227

Ion Ratio Lower Upper

83 100

131 10.4 5.7 17.0

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.011 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013750.D

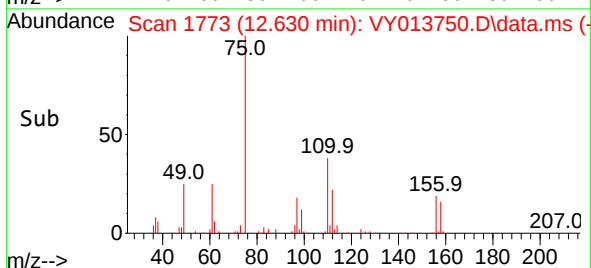
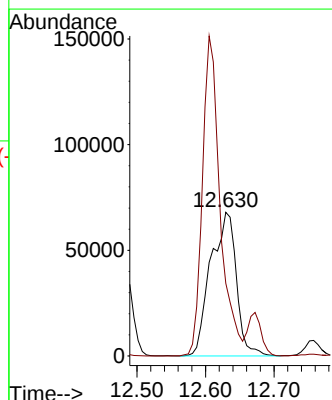
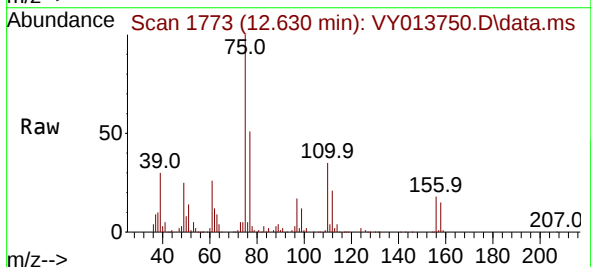
Acq: 16 May 2023 11:01

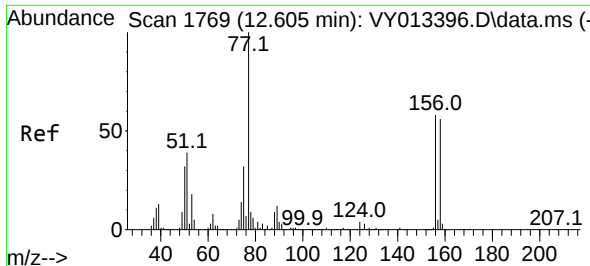
Tgt Ion: 75 Resp: 177358

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

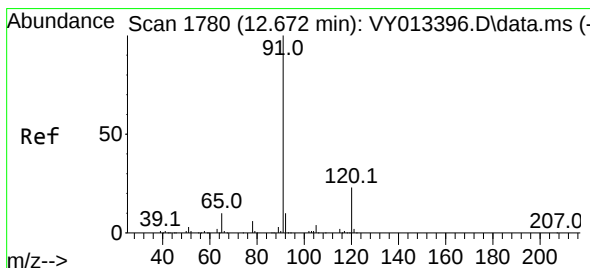
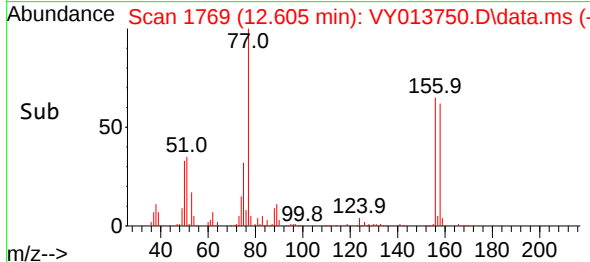
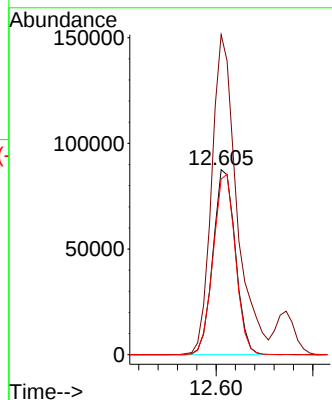
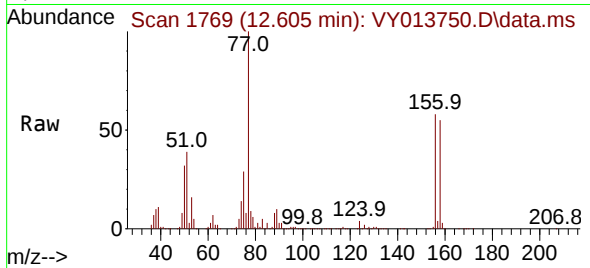




#77
Bromobenzene
Concen: 50.800 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

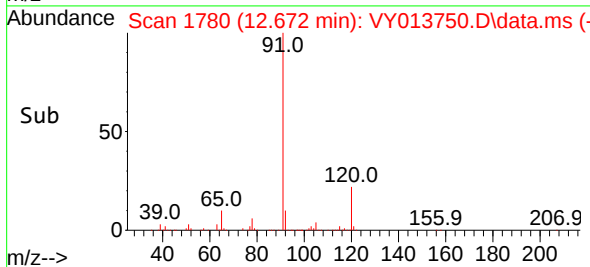
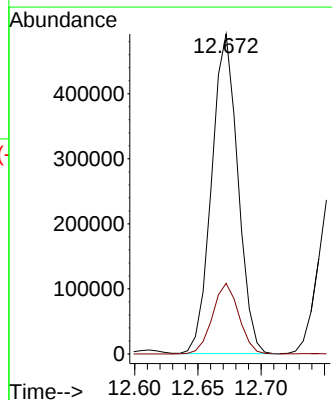
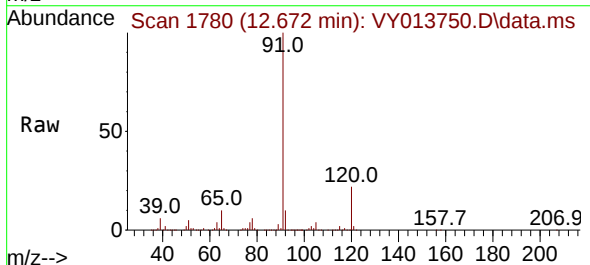
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

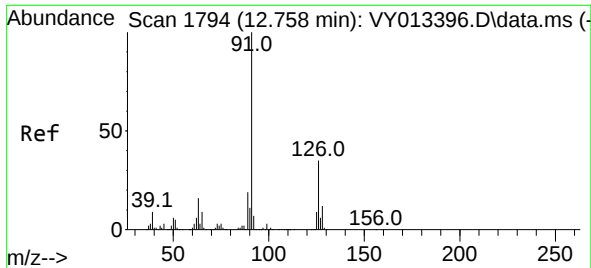
Tgt Ion:156 Resp: 140716
Ion Ratio Lower Upper
156 100
77 193.5 87.6 262.9
158 97.2 48.5 145.5



#78
n-propylbenzene
Concen: 50.299 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 91 Resp: 708257
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

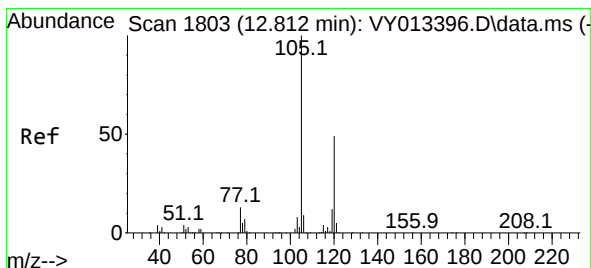
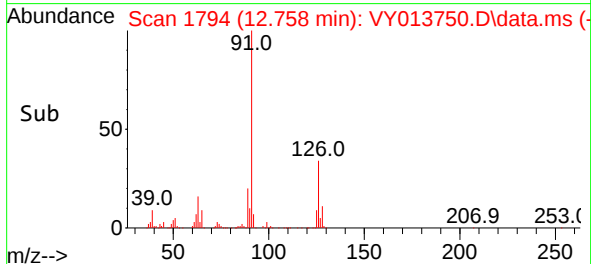
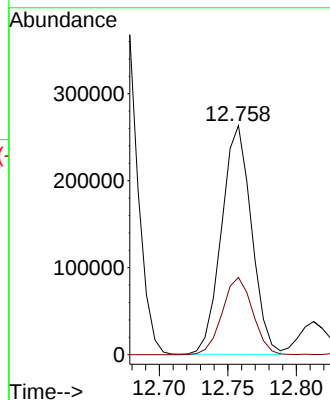
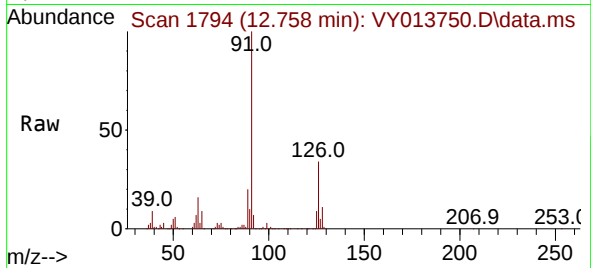




#79
2-Chlorotoluene
Concen: 51.040 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

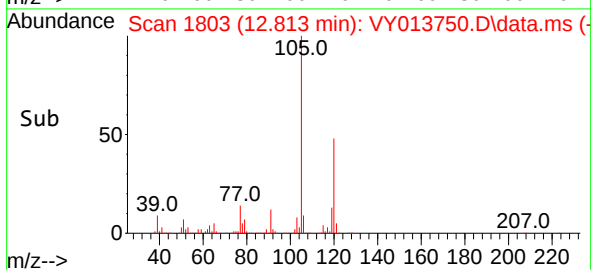
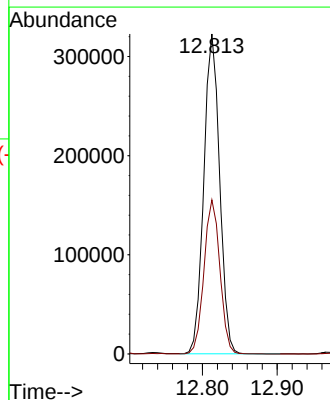
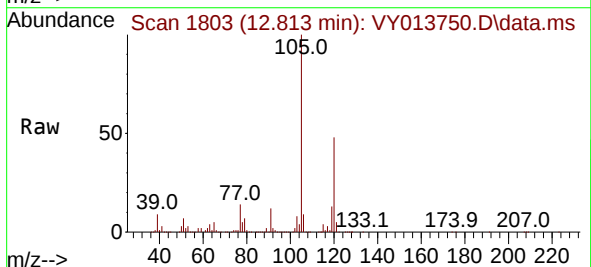
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

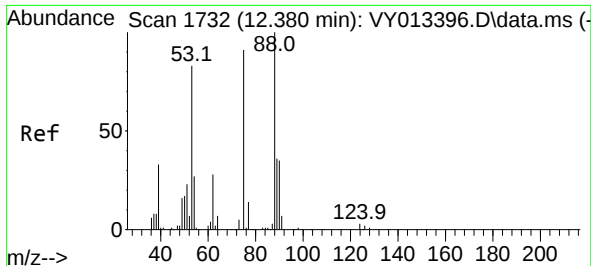
Tgt Ion: 91 Resp: 401341
Ion Ratio Lower Upper
91 100
126 34.2 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 50.846 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion:105 Resp: 474430
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1

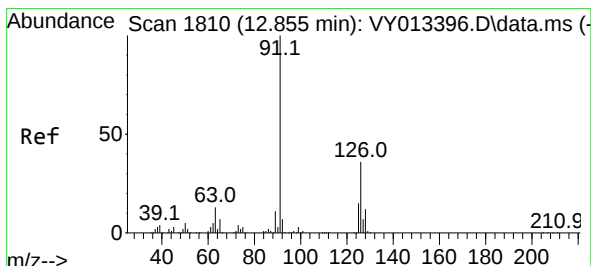
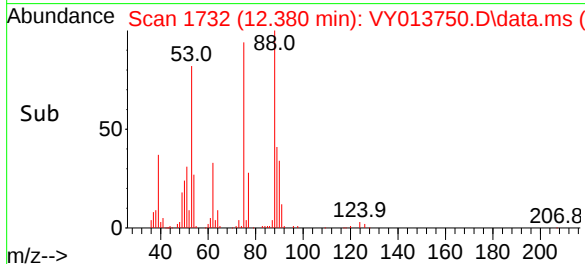
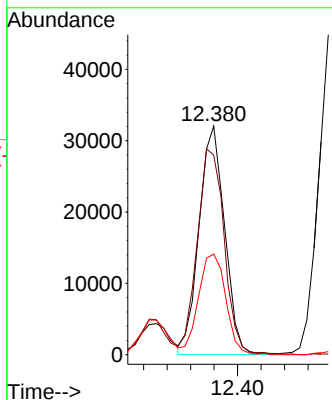
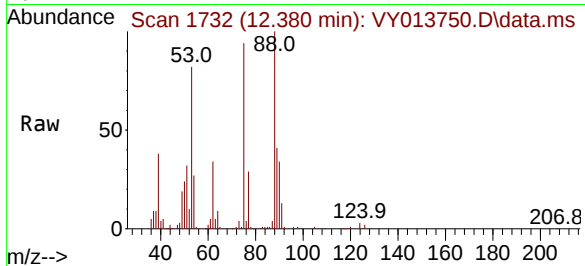




#81
trans-1,4-Dichloro-2-butene
Concen: 48.654 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

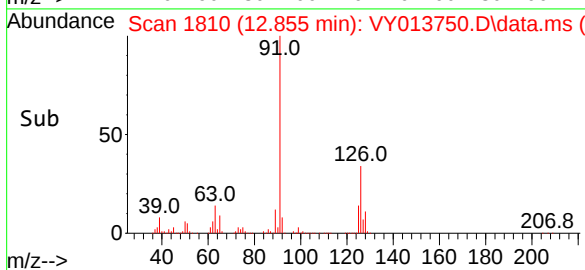
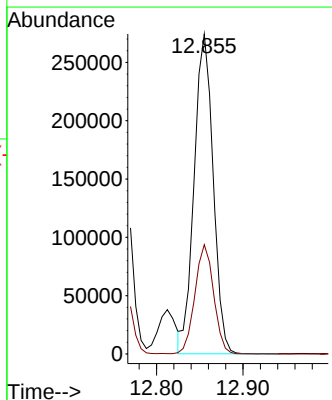
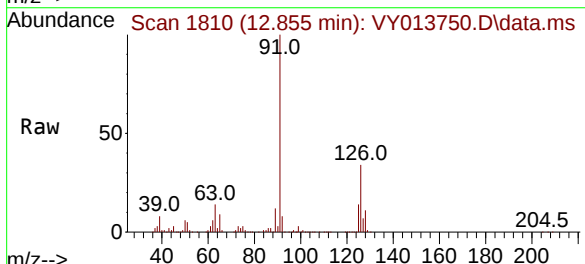
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

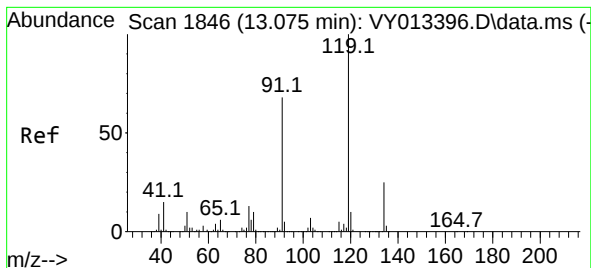
Tgt Ion: 75 Resp: 48483
Ion Ratio Lower Upper
75 100
53 95.2 73.2 109.8
89 47.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.942 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion: 91 Resp: 417504
Ion Ratio Lower Upper
91 100
126 33.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 50.536 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

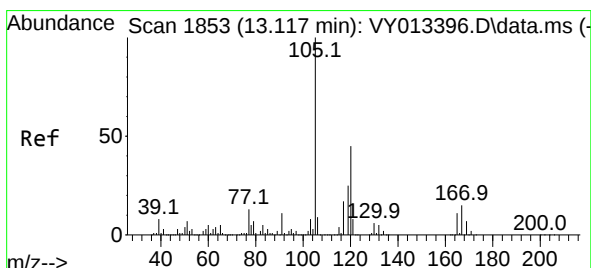
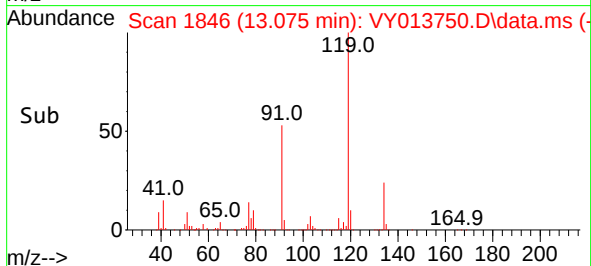
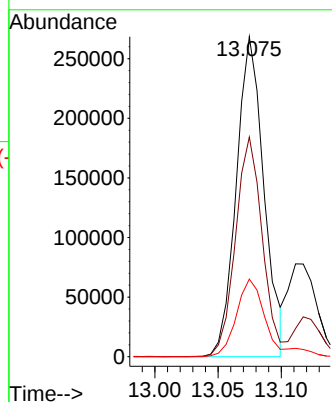
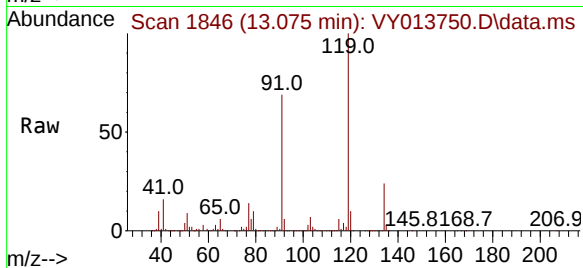
Tgt Ion:119 Resp: 408525

Ion Ratio Lower Upper

119 100

91 66.4 32.2 96.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.731 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013750.D

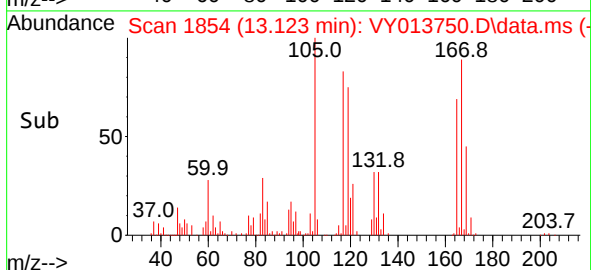
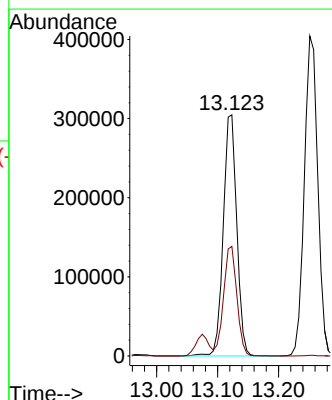
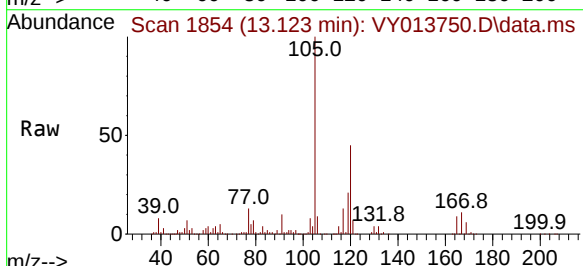
Acq: 16 May 2023 11:01

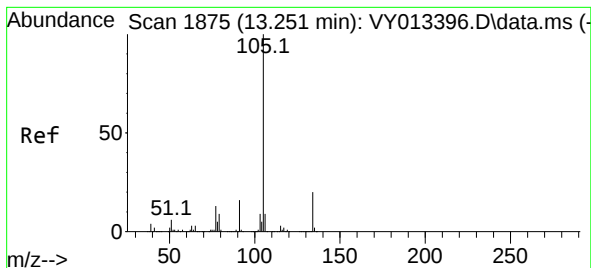
Tgt Ion:105 Resp: 469285

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.861 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

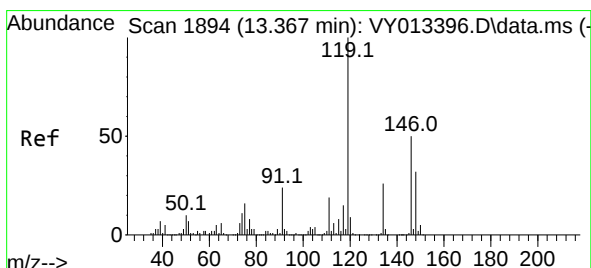
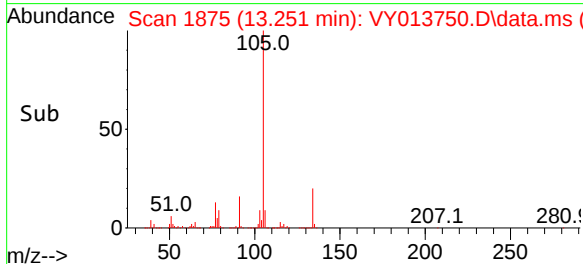
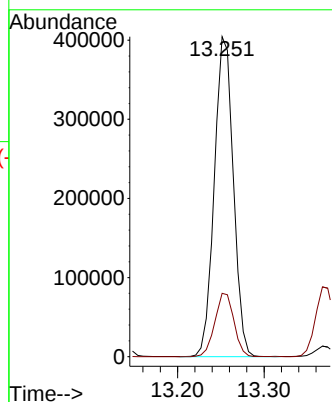
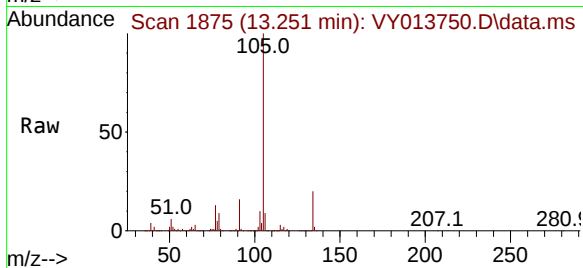
VSTDCCC050

Tgt Ion:105 Resp: 617059

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.399 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

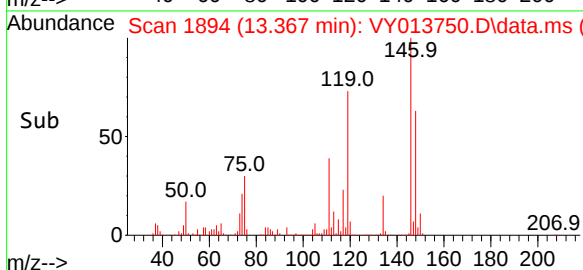
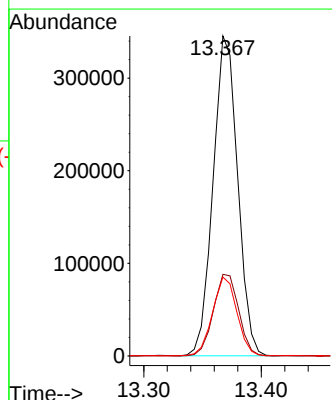
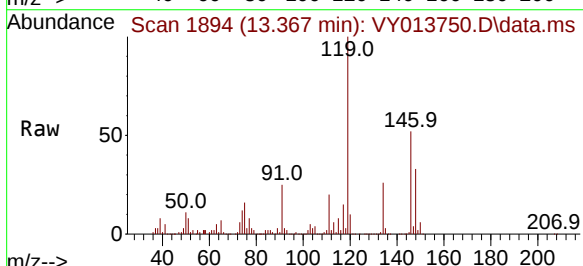
Tgt Ion:119 Resp: 501468

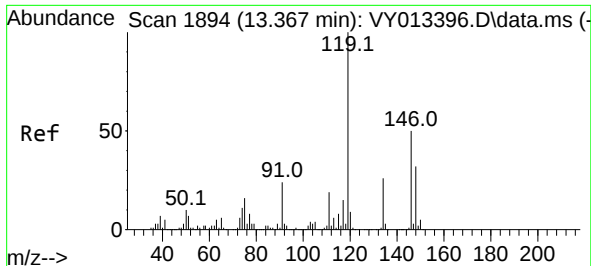
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 24.4 12.1 36.3

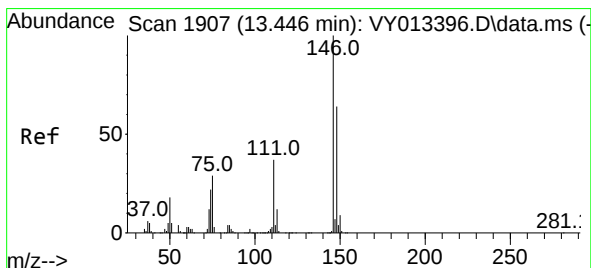
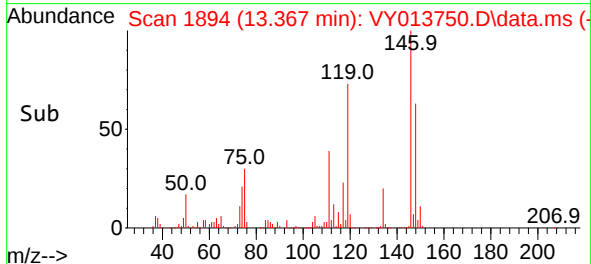
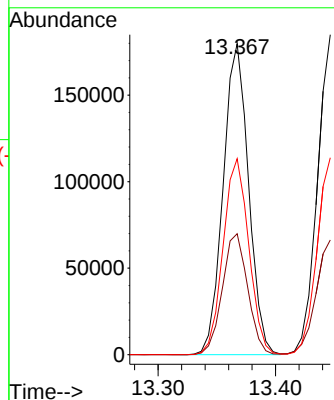
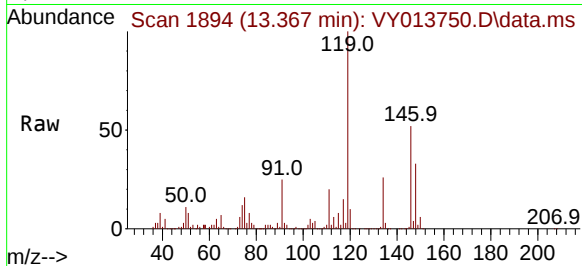




#87
1,3-Dichlorobenzene
Concen: 51.150 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

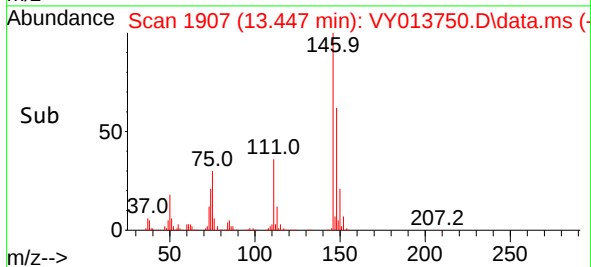
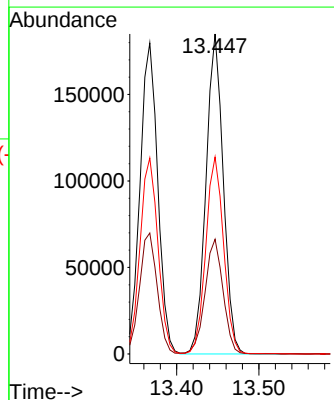
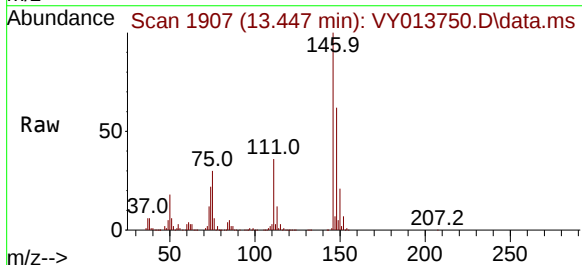
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

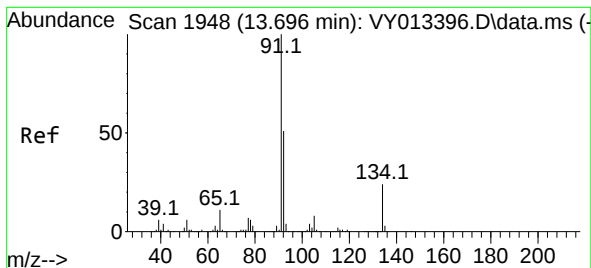
Tgt Ion:146 Resp: 269936
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.574 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013750.D
Acq: 16 May 2023 11:01

Tgt Ion:146 Resp: 269607
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.5
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 50.658 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

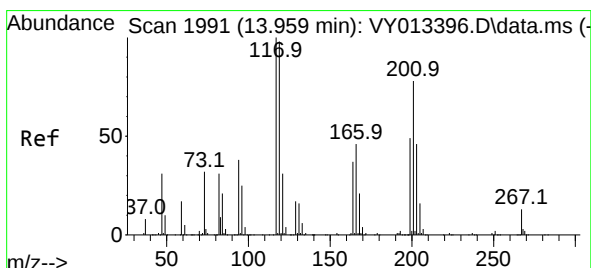
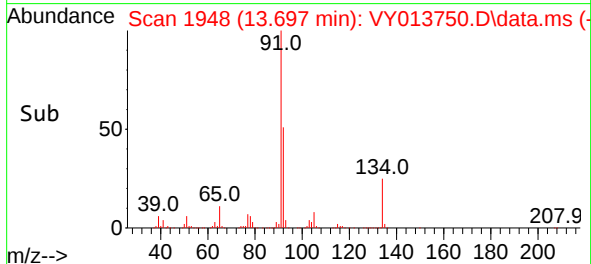
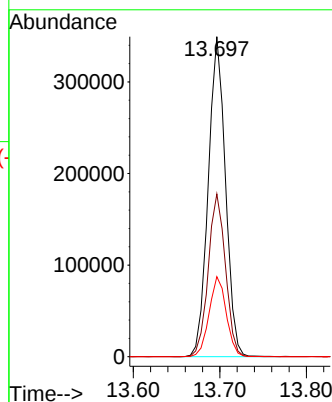
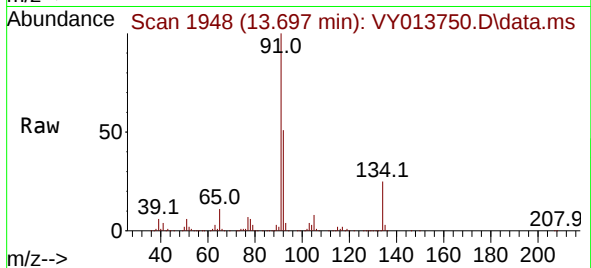
Tgt Ion: 91 Resp: 482390

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

134 25.0 13.5 40.4



#90

Hexachloroethane

Concen: 49.484 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013750.D

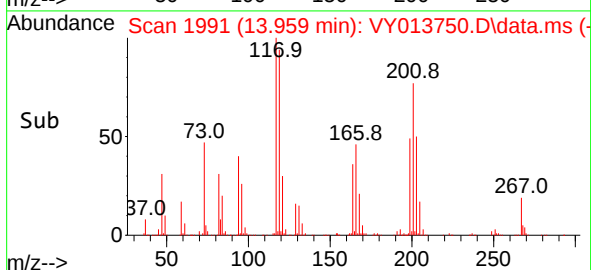
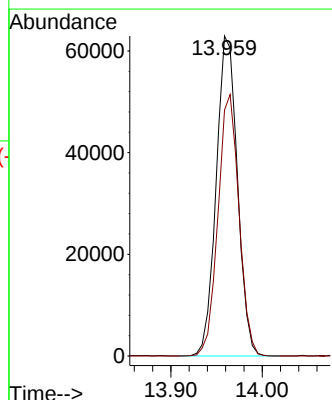
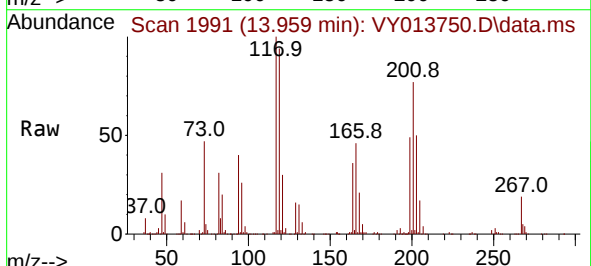
Acq: 16 May 2023 11:01

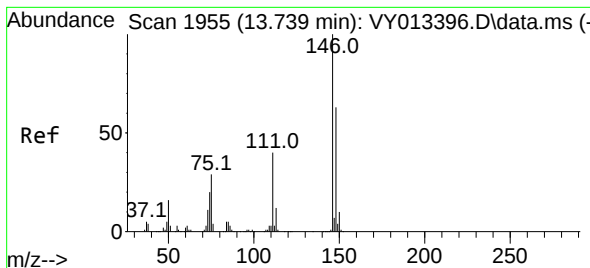
Tgt Ion: 117 Resp: 101611

Ion Ratio Lower Upper

117 100

201 80.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.017 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

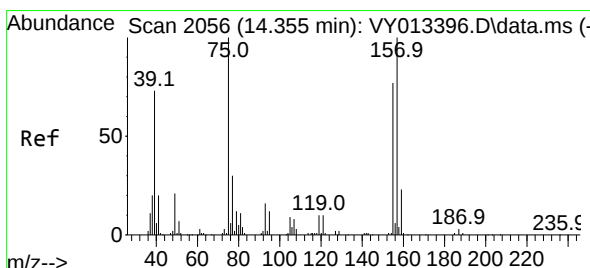
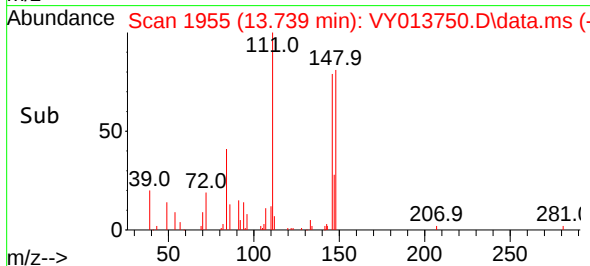
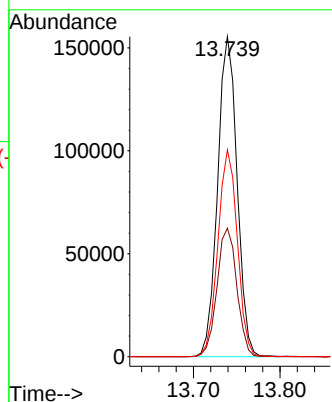
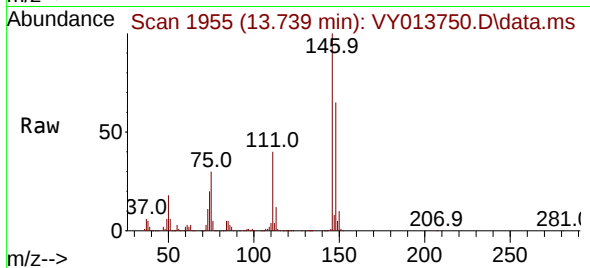
Tgt Ion:146 Resp: 243126

Ion Ratio Lower Upper

146 100

111 40.8 19.8 59.4

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.646 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

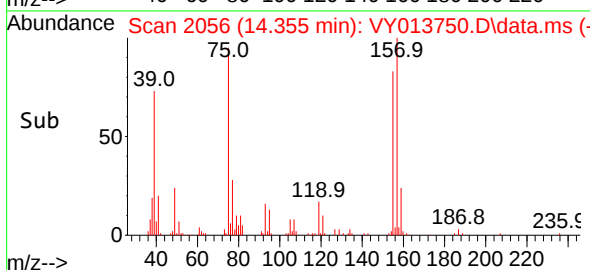
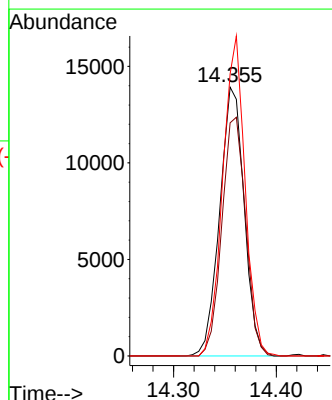
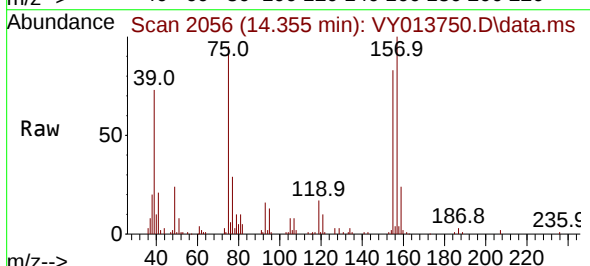
Tgt Ion: 75 Resp: 23020

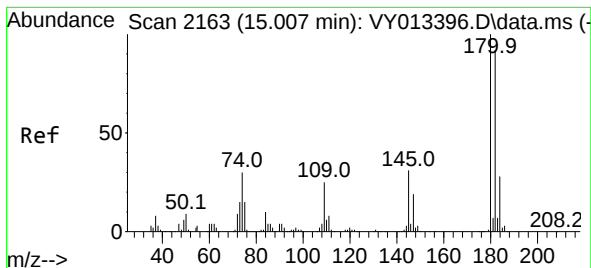
Ion Ratio Lower Upper

75 100

155 86.1 44.6 134.0

157 108.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.790 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

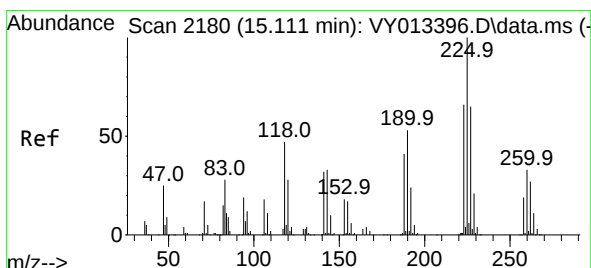
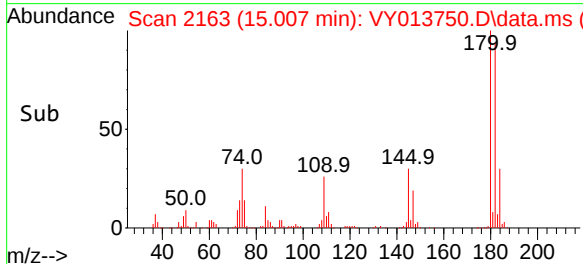
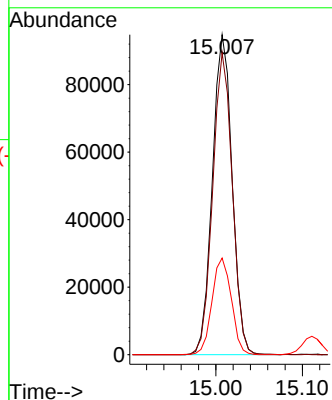
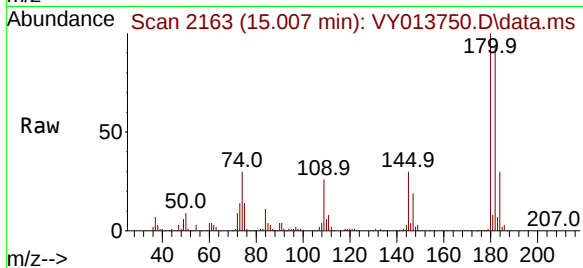
Tgt Ion:180 Resp: 149989

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.5

145 29.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 53.378 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

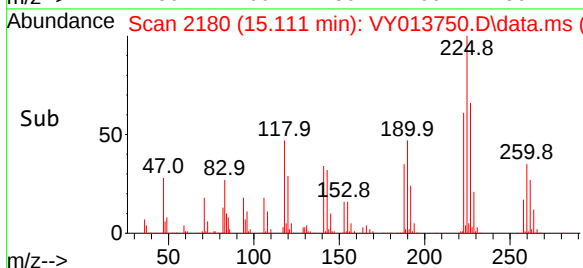
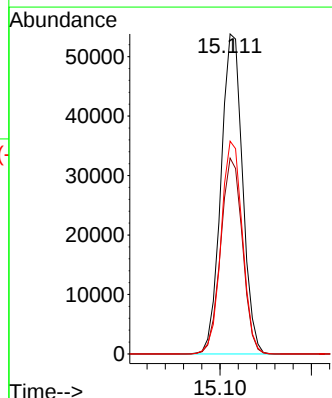
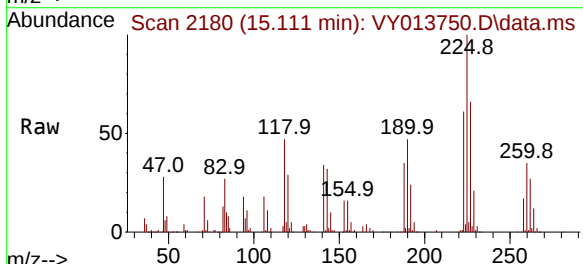
Tgt Ion:225 Resp: 88264

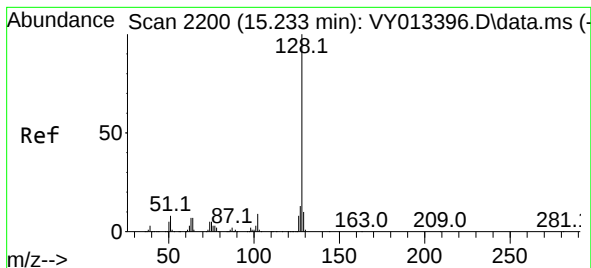
Ion Ratio Lower Upper

225 100

223 61.6 31.4 94.2

227 65.7 32.0 96.0





#95

Naphthalene

Concen: 49.982 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

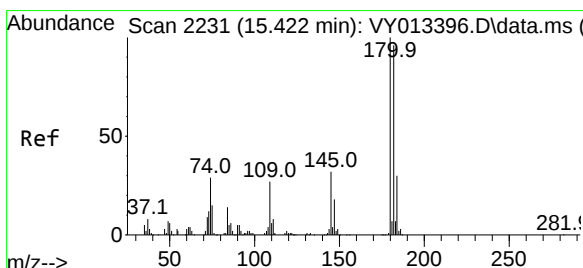
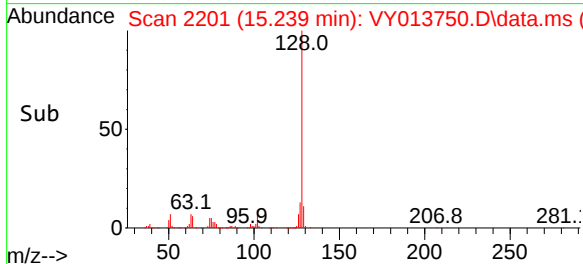
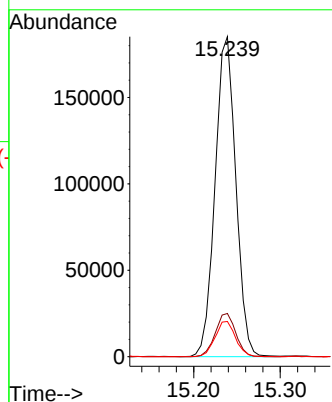
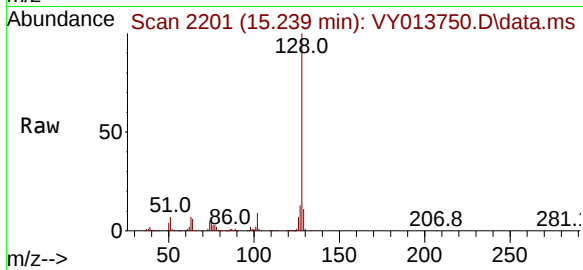
Tgt Ion:128 Resp: 308123

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.046 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013750.D

Acq: 16 May 2023 11:01

Tgt Ion:180 Resp: 134334

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 30.4 15.9 47.7

