

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013772.D
 Acq On : 17 May 2023 12:07
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 18 06:39:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	278494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	432716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	382775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	464345	143.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 287.060%#	
35) Dibromofluoromethane	7.722	113	414147	149.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 298.500%#	
50) Toluene-d8	10.185	98	1582678	150.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 300.900%#	
62) 4-Bromofluorobenzene	12.483	95	526328	150.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 301.260%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	282980	141.522	ug/l	96
3) Chloromethane	2.113	50	414935	136.877	ug/l	100
4) Vinyl Chloride	2.253	62	422101	139.446	ug/l	100
5) Bromomethane	2.650	94	389437	145.085	ug/l	100
6) Chloroethane	2.796	64	306958	147.531	ug/l	99
7) Trichlorofluoromethane	3.125	101	617498	140.164	ug/l	98
8) Diethyl Ether	3.534	74	212687	144.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	365448	141.736	ug/l	99
10) Methyl Iodide	4.101	142	444977	157.083	ug/l	99
11) Tert butyl alcohol	4.991	59	193389	737.886	ug/l	100
12) 1,1-Dichloroethene	3.875	96	336084	143.805	ug/l	98
13) Acrolein	3.735	56	347552	742.320	ug/l	100
14) Allyl chloride	4.485	41	689840	149.842	ug/l	99
15) Acrylonitrile	5.174	53	653709	756.167	ug/l	100
16) Acetone	3.954	43	713994	731.503	ug/l	99
17) Carbon Disulfide	4.198	76	928698	138.290	ug/l	99
18) Methyl Acetate	4.485	43	499013	146.644	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	1093118	154.166	ug/l	98
20) Methylene Chloride	4.722	84	401971	148.721	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	380628	144.639	ug/l	94
22) Diisopropyl ether	6.125	45	1486690	151.816	ug/l	98
23) Vinyl Acetate	6.064	43	4541579	801.444	ug/l	100
24) 1,1-Dichloroethane	6.027	63	774066	144.596	ug/l	100
25) 2-Butanone	6.990	43	994063	783.445	ug/l	99
26) 2,2-Dichloropropane	6.984	77	674835	147.578	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	459180	148.083	ug/l	97
28) Bromochloromethane	7.338	49	258359	137.933	ug/l	99
29) Tetrahydrofuran	7.350	42	603372	794.745	ug/l	100
30) Chloroform	7.508	83	772300	143.163	ug/l	98
31) Cyclohexane	7.789	56	640299	138.041	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	676260	146.859	ug/l	99
36) 1,1-Dichloropropene	7.923	75	561712	146.510	ug/l	100
37) Ethyl Acetate	7.082	43	416342	157.870	ug/l	98
38) Carbon Tetrachloride	7.905	117	594735	147.044	ug/l	97
39) Methylcyclohexane	9.185	83	677127	155.388	ug/l	99
40) Benzene	8.167	78	1626570	145.992	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	570271	448.239	ug/l #	14
42) 1,2-Dichloroethane	8.240	62	524433	145.682	ug/l	100
43) Isopropyl Acetate	8.277	43	771254	161.123	ug/l	100
44) Trichloroethene	8.941	130	419703	144.102	ug/l	94
45) 1,2-Dichloropropane	9.222	63	453308	148.064	ug/l	100
46) Dibromomethane	9.307	93	250671	146.192	ug/l	99
47) Bromodichloromethane	9.502	83	597725	147.198	ug/l	97
48) Methyl methacrylate	9.295	41	365680	166.309	ug/l	98
49) 1,4-Dioxane	9.313	88	66895	3178.766	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	2108618	791.054	ug/l	99
52) Toluene	10.246	92	1014982	150.271	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	646149	154.332	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	712312	152.484	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	346699	148.664	ug/l	100
56) Ethyl methacrylate	10.514	69	521866	167.682	ug/l	99
57) 1,3-Dichloropropane	10.794	76	591122	147.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	827195	733.622	ug/l	100
59) 2-Hexanone	10.837	43	1497525	790.358	ug/l	99
60) Dibromochloromethane	10.990	129	423424	149.841	ug/l	100
61) 1,2-Dibromoethane	11.093	107	332427	151.163	ug/l	99
64) Tetrachloroethene	10.721	164	349821	144.067	ug/l	98
65) Chlorobenzene	11.520	112	1061538	146.520	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	413251	146.796	ug/l	100
67) Ethyl Benzene	11.593	91	1991883	154.718	ug/l	99
68) m/p-Xylenes	11.703	106	1482218	307.384	ug/l	99
69) o-Xylene	12.032	106	712523	155.334	ug/l	100
70) Styrene	12.044	104	1215371	156.001	ug/l	99
71) Bromoform	12.209	173	284625	153.042	ug/l #	98
73) Isopropylbenzene	12.331	105	1914448	160.092	ug/l	100
74) N-amyl acetate	12.148	43	677371	166.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	433934	153.179	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	561902	263.482	ug/l #	100
77) Bromobenzene	12.611	156	438369	151.962	ug/l	98
78) n-propylbenzene	12.672	91	2302069	156.276	ug/l	100
79) 2-Chlorotoluene	12.758	91	1297177	156.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	1512701	155.132	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	158693	165.267	ug/l	100
82) 4-Chlorotoluene	12.855	91	1317821	152.169	ug/l	99
83) tert-Butylbenzene	13.081	119	1360822	160.257	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	1481130	154.978	ug/l	99
85) sec-Butylbenzene	13.257	105	1975575	154.196	ug/l	100
86) p-Isopropyltoluene	13.373	119	1598950	154.551	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	826327	147.141	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	815446	144.406	ug/l	100
89) n-Butylbenzene	13.696	91	1571647	154.948	ug/l	100
90) Hexachloroethane	13.965	117	324309	148.340	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	744830	148.941	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	69992	152.484	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	454022	152.992	ug/l	99
94) Hexachlorobutadiene	15.117	225	253674	137.604	ug/l	98
95) Naphthalene	15.239	128	990922	168.240	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	396105	148.353	ug/l	99

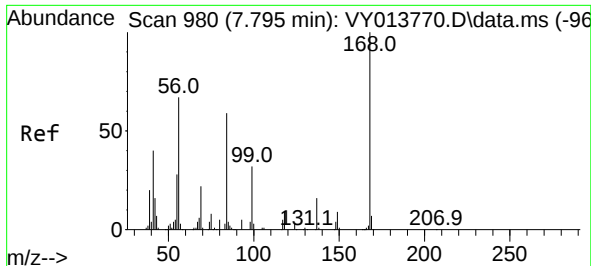
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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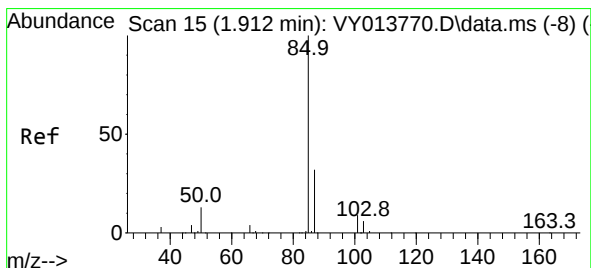
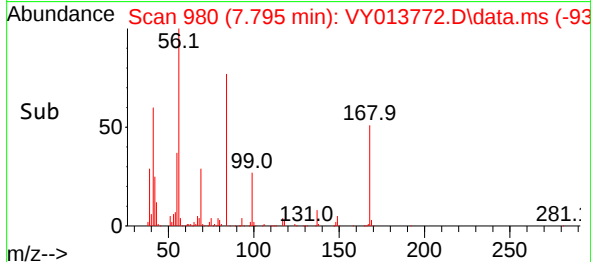
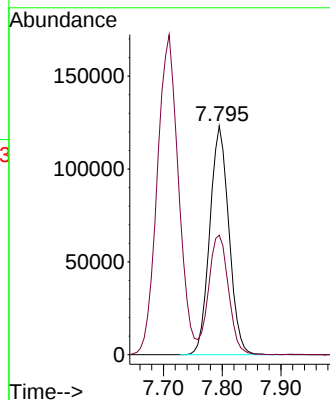
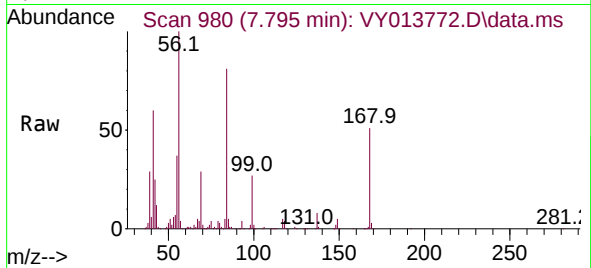
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013772.D
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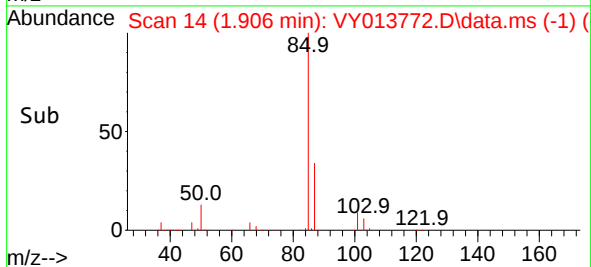
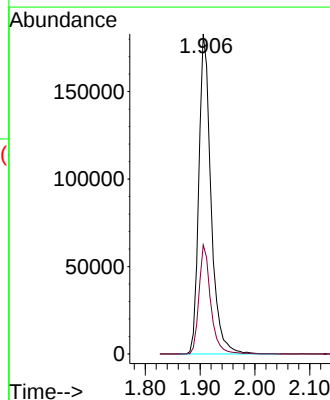
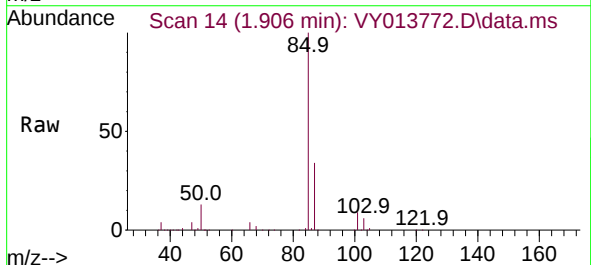
Instrument :
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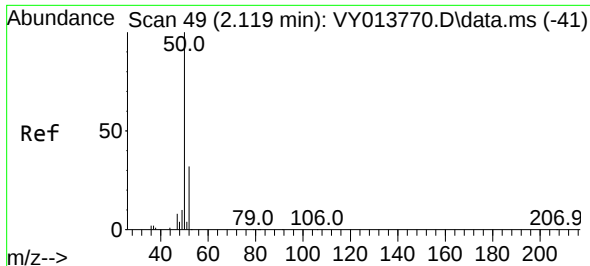
Tgt Ion:168 Resp: 278494
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 141.522 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 85 Resp: 282980
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

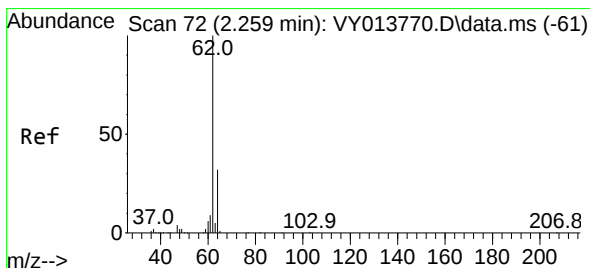
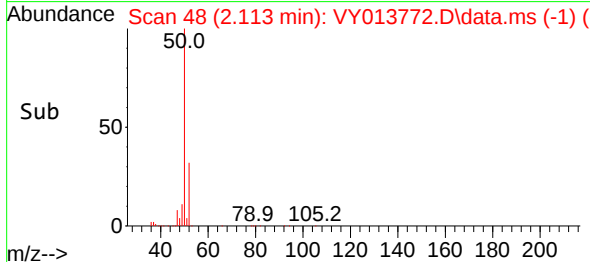
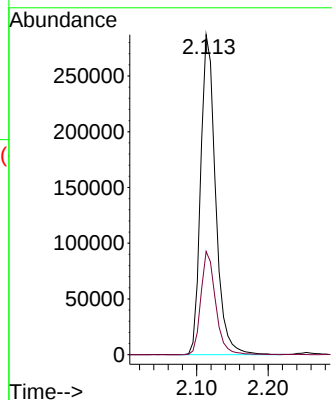
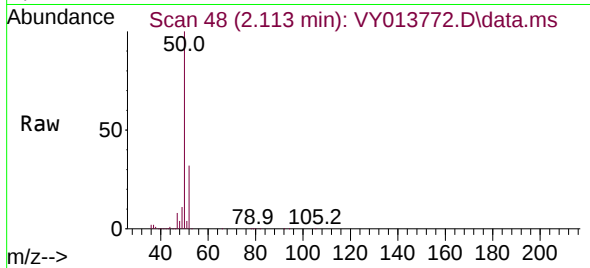




#3
Chloromethane
Concen: 136.877 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

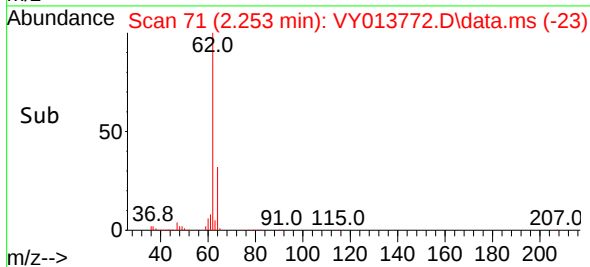
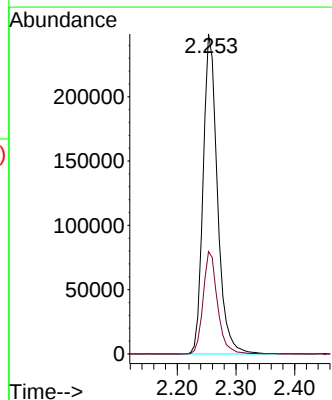
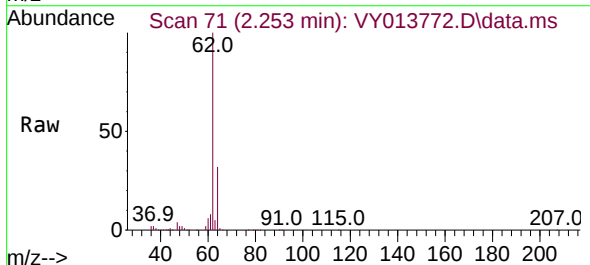
Instrument :
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ClientSampleId :
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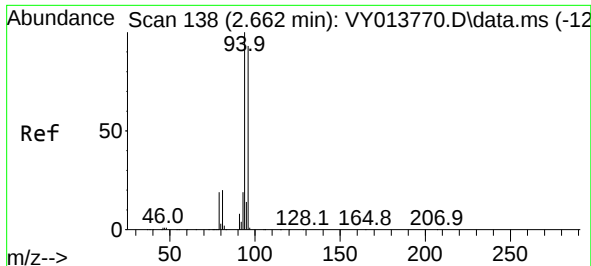
Tgt Ion: 50 Resp: 414935
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 139.446 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 62 Resp: 422101
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

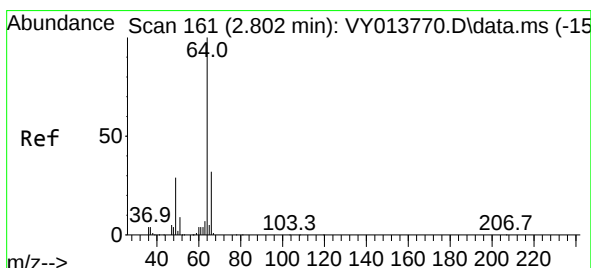
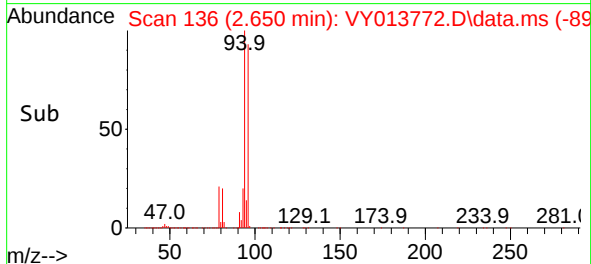
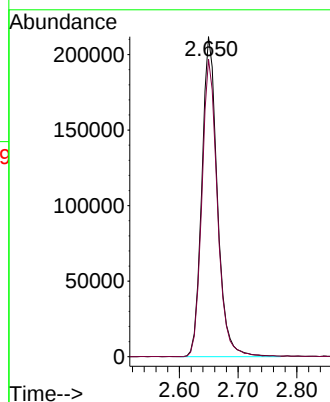
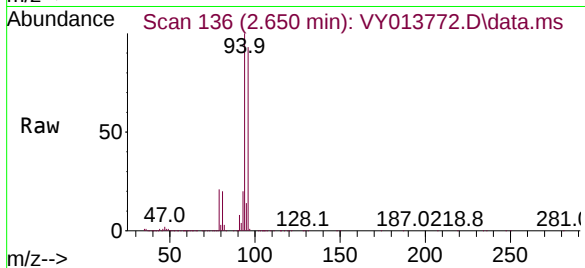




#5
Bromomethane
Concen: 145.085 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

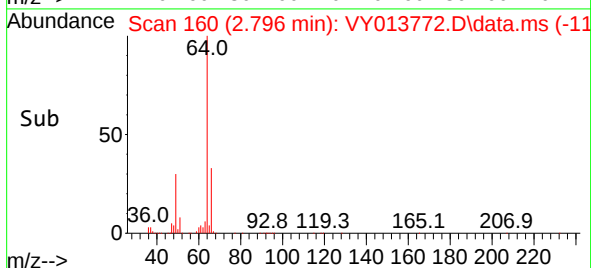
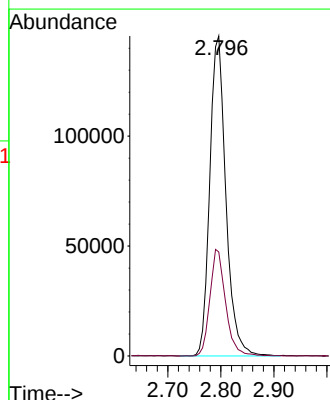
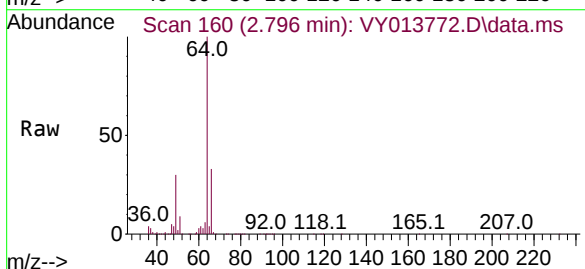
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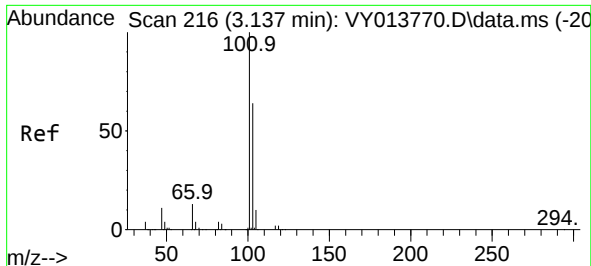
Tgt Ion: 94 Resp: 389437
Ion Ratio Lower Upper
94 100
96 93.0 74.2 111.4



#6
Chloroethane
Concen: 147.531 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 64 Resp: 306958
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.6

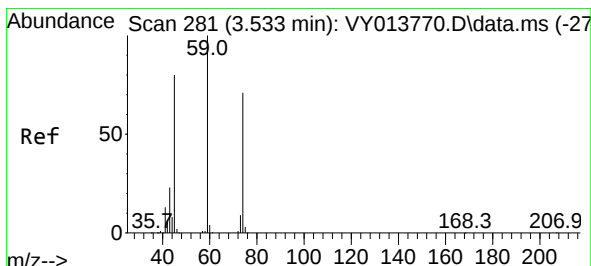
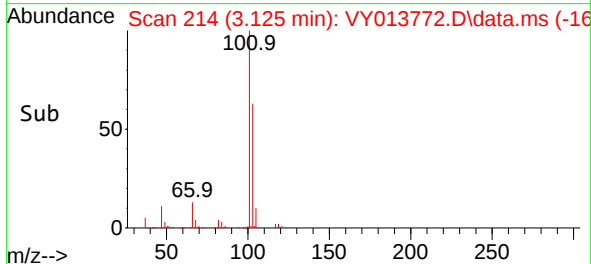
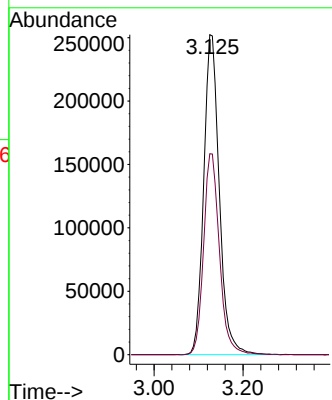
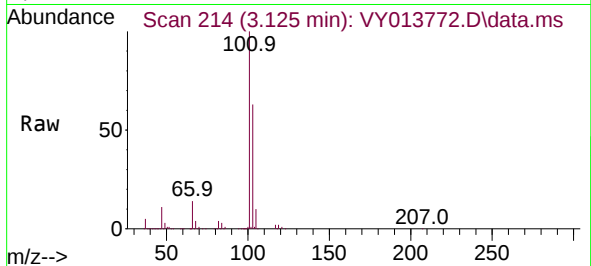




#7
Trichlorofluoromethane
Concen: 140.164 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

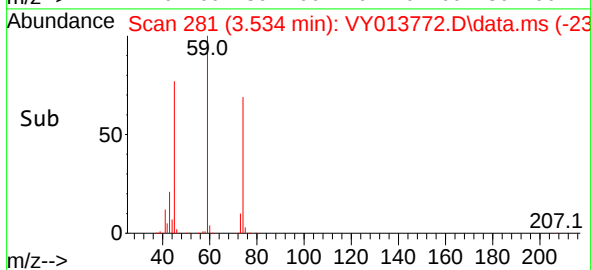
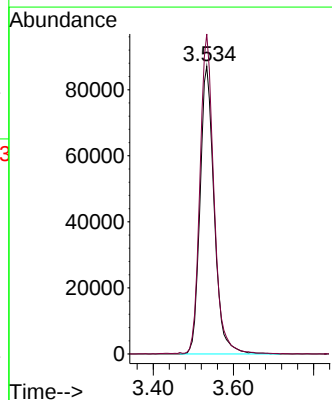
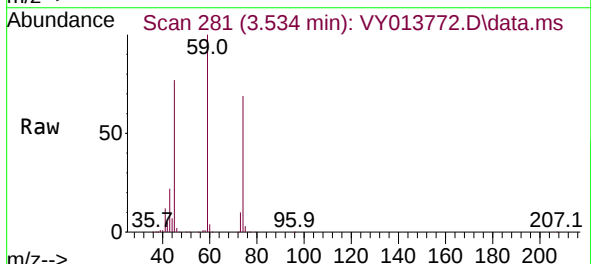
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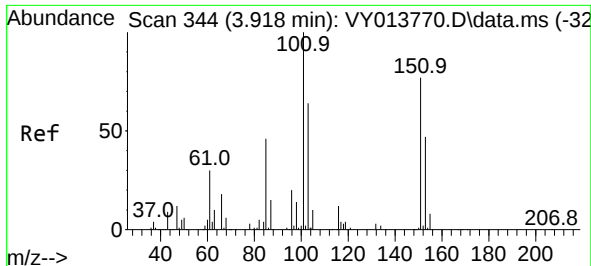
Tgt Ion:101 Resp: 617498
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0



#8
Diethyl Ether
Concen: 144.277 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 74 Resp: 212687
Ion Ratio Lower Upper
74 100
45 110.1 56.1 168.3

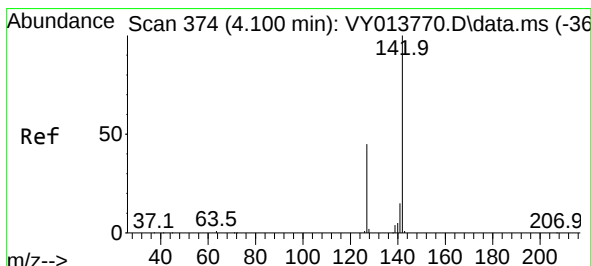
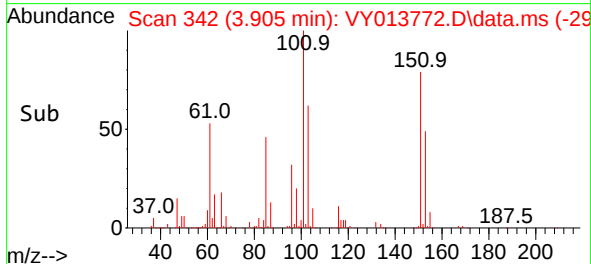
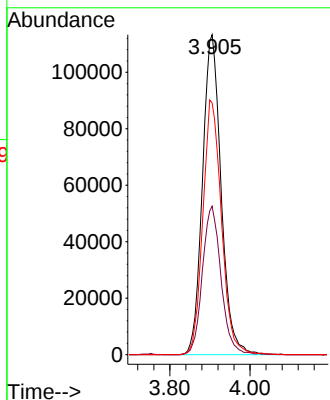
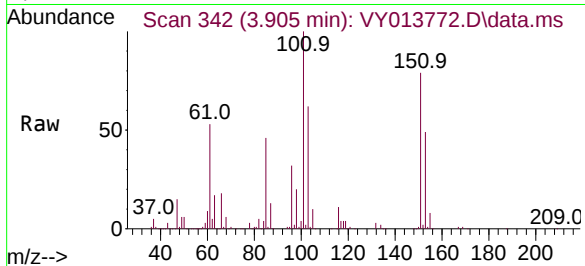




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.736 ug/l
RT: 3.905 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

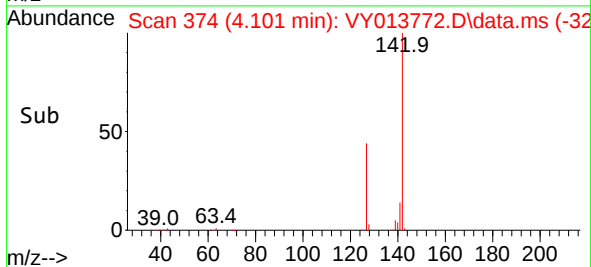
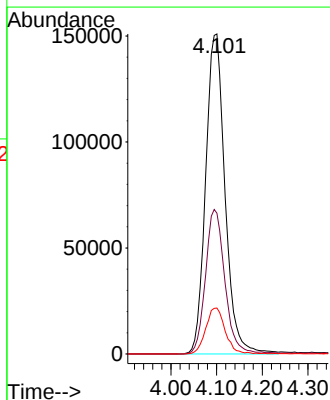
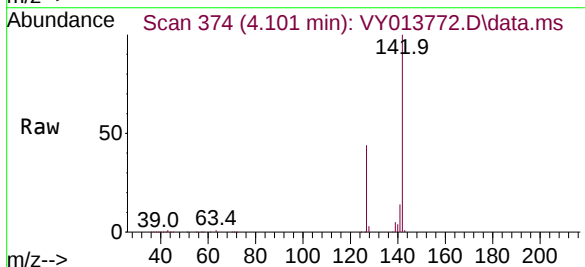
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

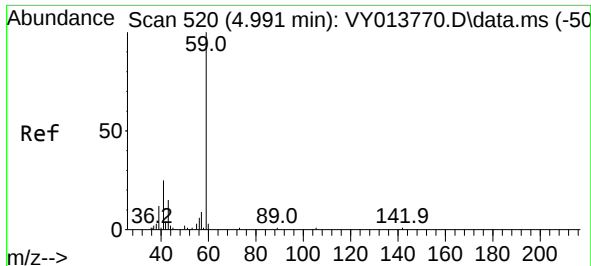
Tgt Ion:101 Resp: 365448
Ion Ratio Lower Upper
101 100
85 46.4 37.8 56.8
151 79.8 64.2 96.2



#10
Methyl Iodide
Concen: 157.083 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:142 Resp: 444977
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 14.4 11.5 17.3

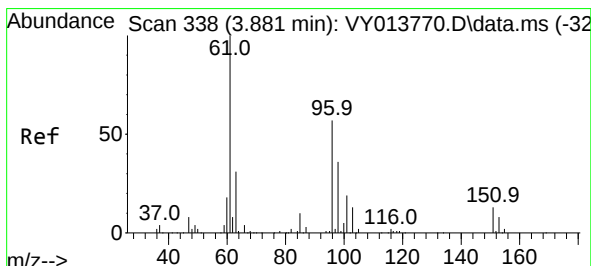
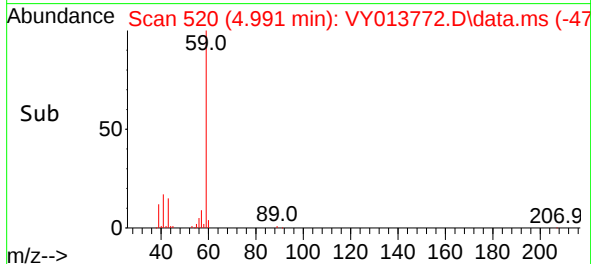
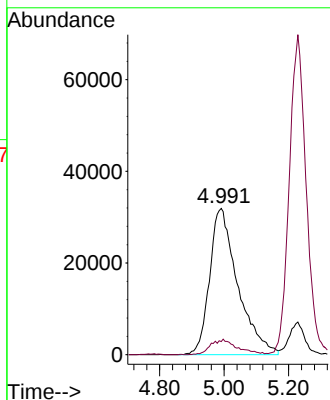
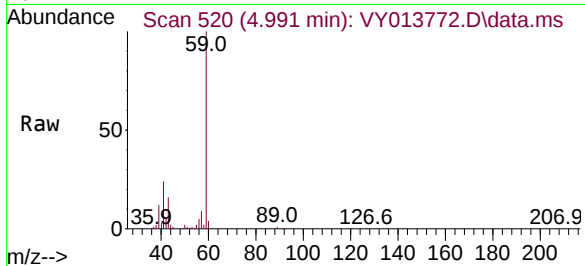




#11
Tert butyl alcohol
Concen: 737.886 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

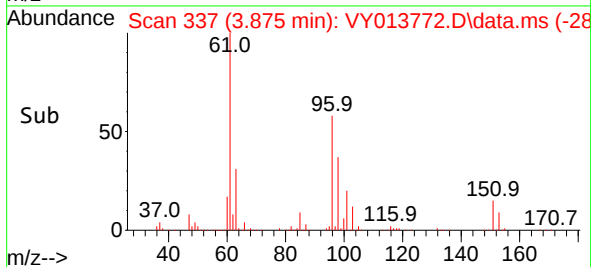
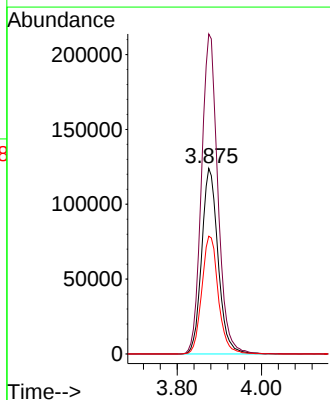
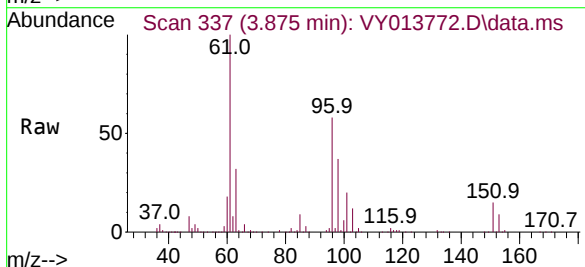
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

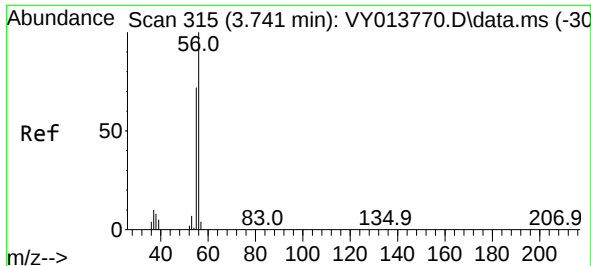
Tgt Ion: 59 Resp: 193389
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 143.805 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 96 Resp: 336084
Ion Ratio Lower Upper
96 100
61 172.4 139.8 209.6
98 63.4 49.7 74.5

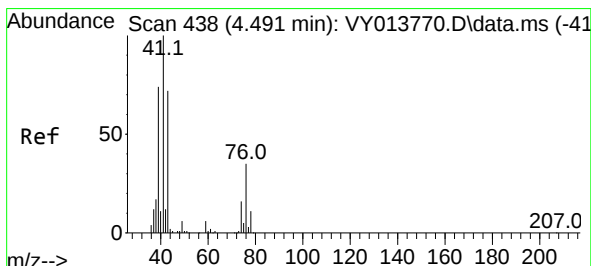
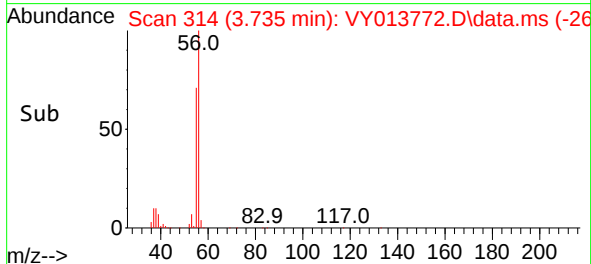
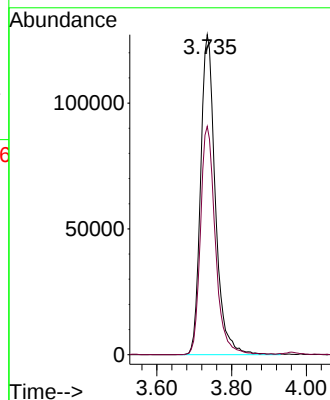
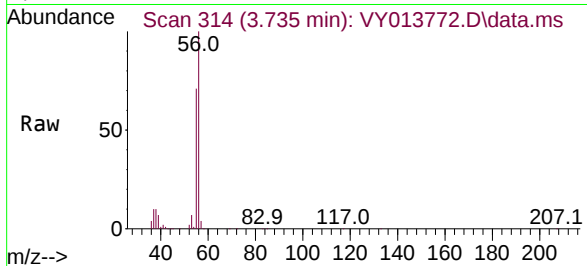




#13
Acrolein
Concen: 742.320 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

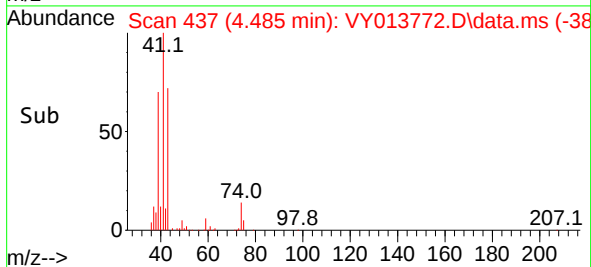
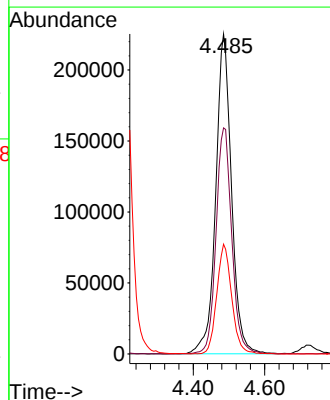
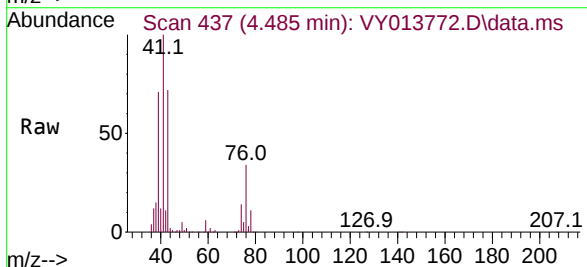
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

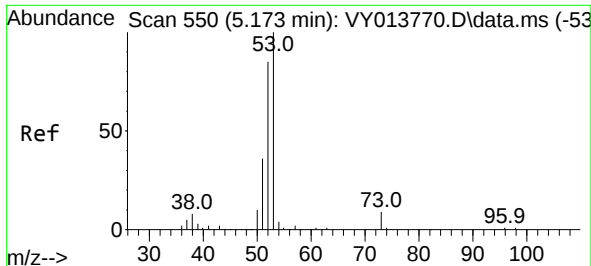
Tgt Ion: 56 Resp: 347552
Ion Ratio Lower Upper
56 100
55 72.0 57.5 86.3



#14
Allyl chloride
Concen: 149.842 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 41 Resp: 689840
Ion Ratio Lower Upper
41 100
39 70.4 55.8 83.6
76 32.5 26.2 39.2





#15

Acrylonitrile

Concen: 756.167 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

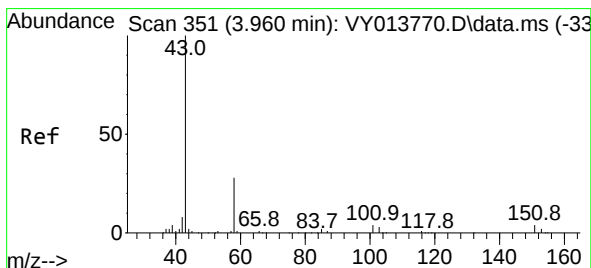
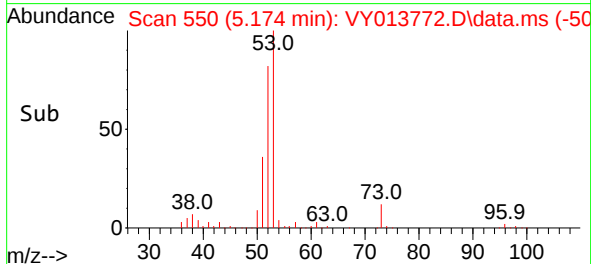
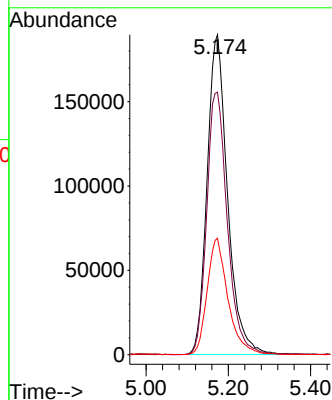
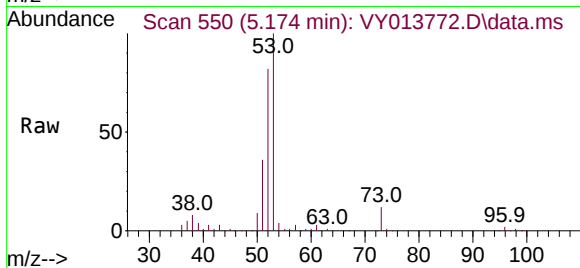
Tgt Ion: 53 Resp: 653709

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 37.0 30.1 45.1



#16

Acetone

Concen: 731.503 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY013772.D

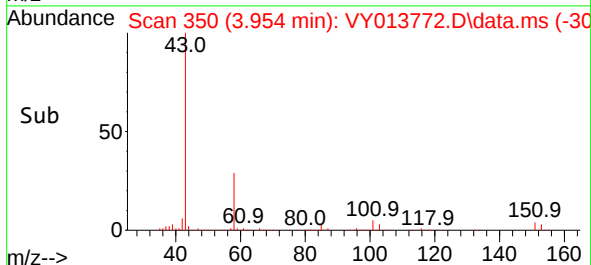
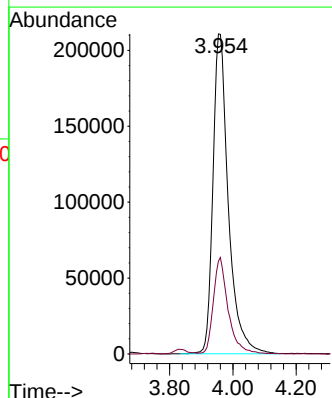
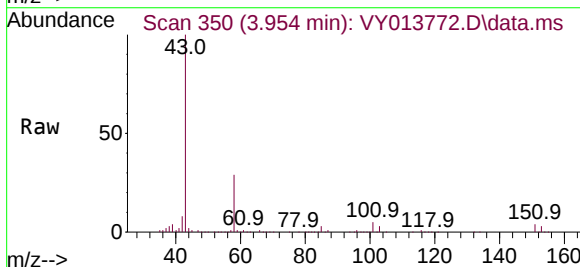
Acq: 17 May 2023 12:07

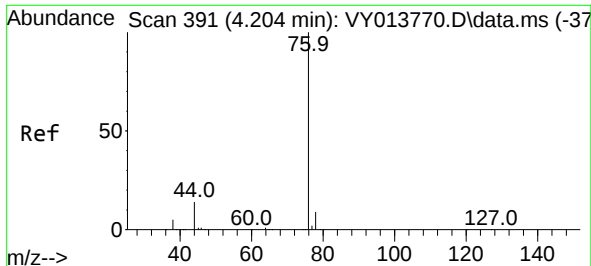
Tgt Ion: 43 Resp: 713994

Ion Ratio Lower Upper

43 100

58 29.0 23.7 35.5

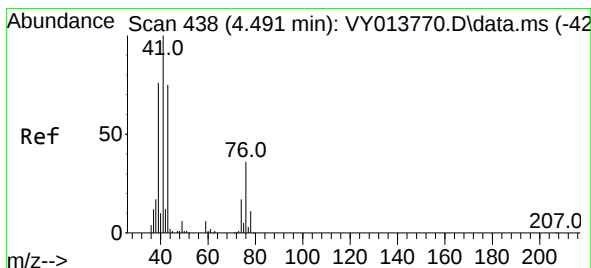
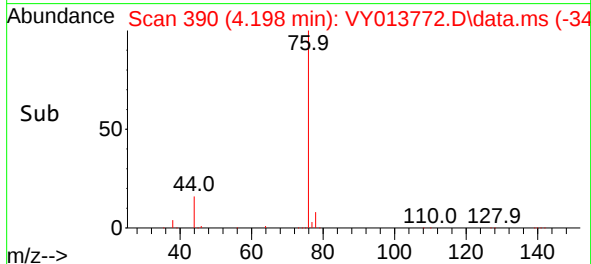
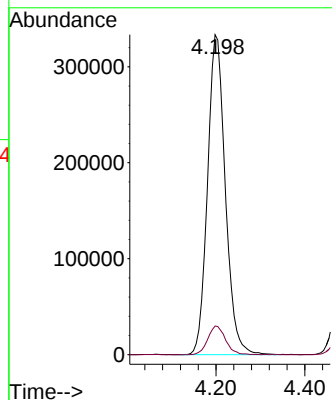
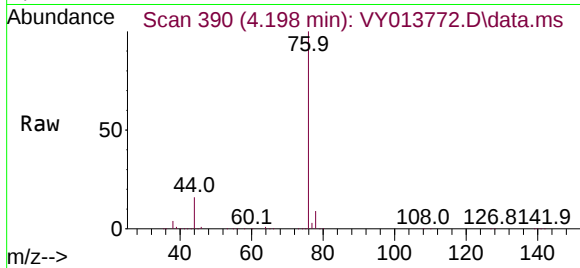




#17
Carbon Disulfide
Concen: 138.290 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

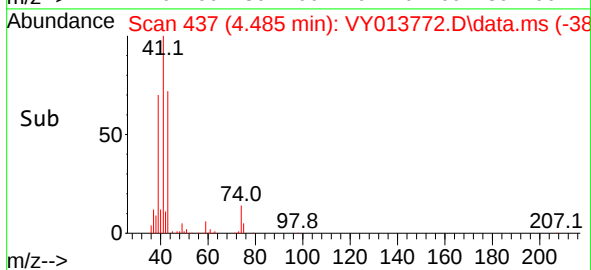
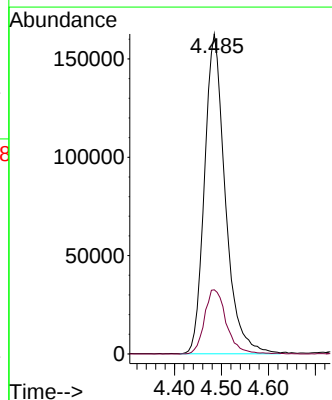
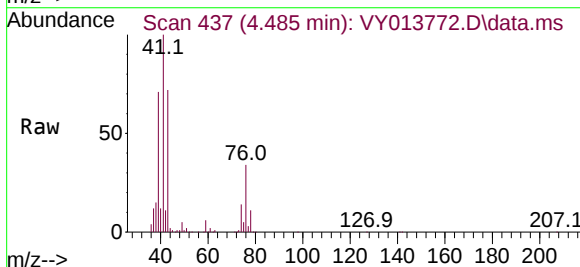
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

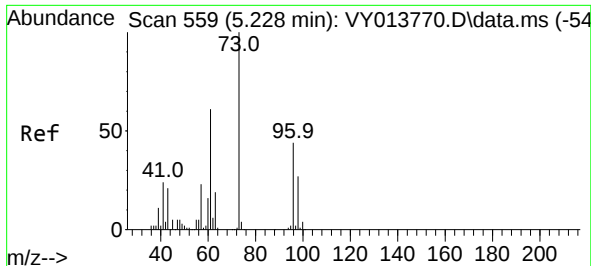
Tgt Ion: 76 Resp: 928698
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 146.644 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 43 Resp: 499013
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0

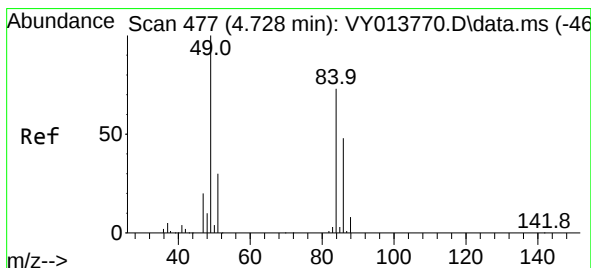
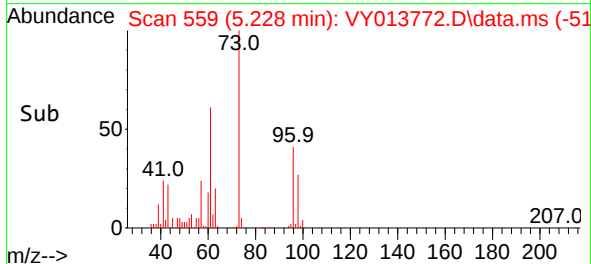
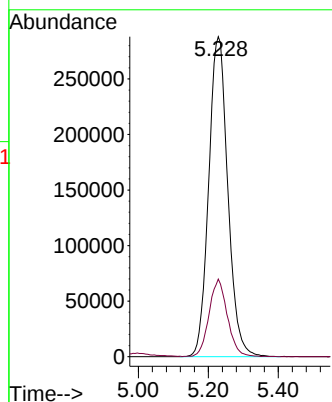
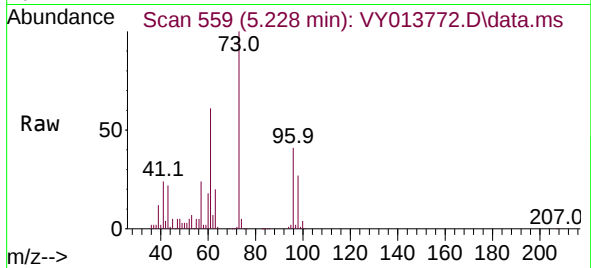




#19
Methyl tert-butyl Ether
Concen: 154.166 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

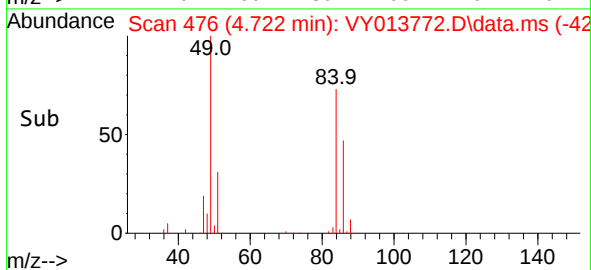
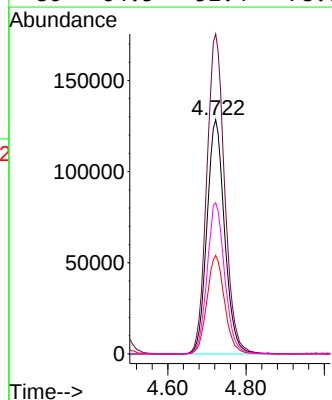
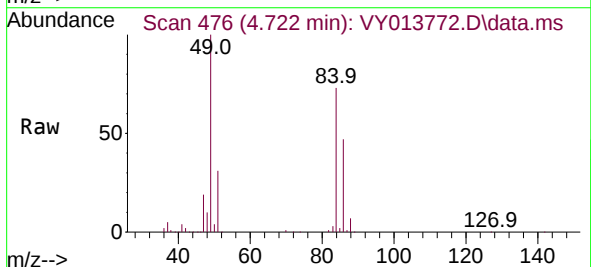
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

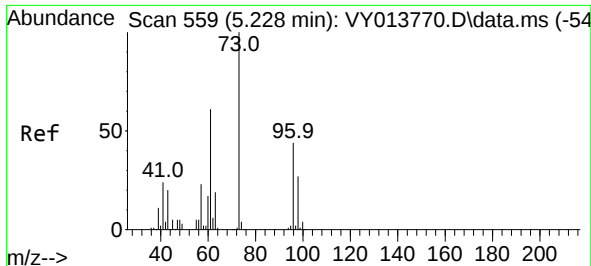
Tgt Ion: 73 Resp: 1093118
Ion Ratio Lower Upper
73 100
57 24.2 18.6 27.8



#20
Methylene Chloride
Concen: 148.721 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 84 Resp: 401971
Ion Ratio Lower Upper
84 100
49 136.6 109.4 164.0
51 42.0 32.8 49.2
86 64.5 52.4 78.6

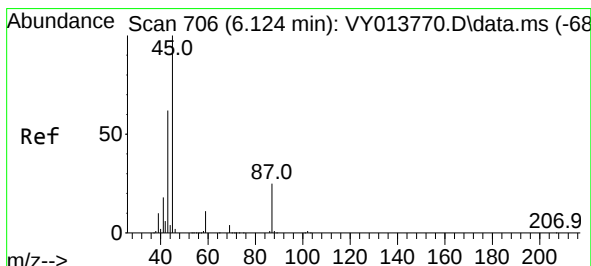
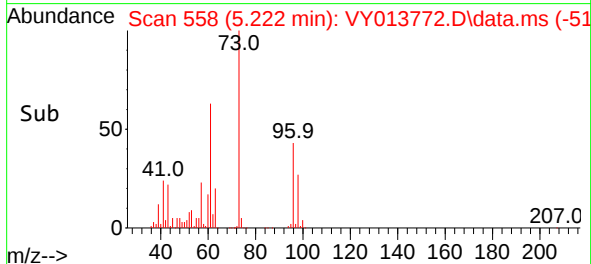
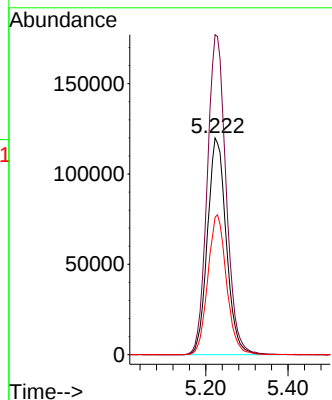
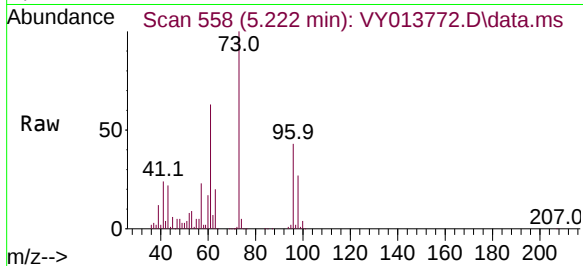




#21
trans-1,2-Dichloroethene
Concen: 144.639 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

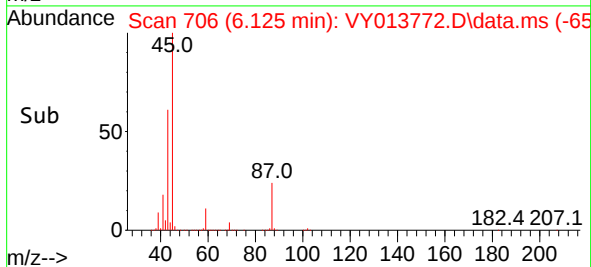
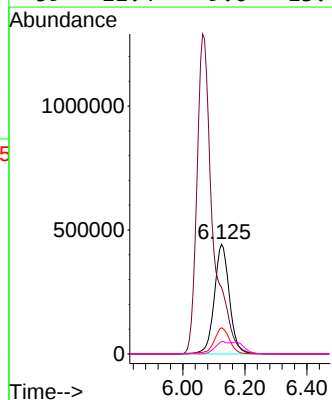
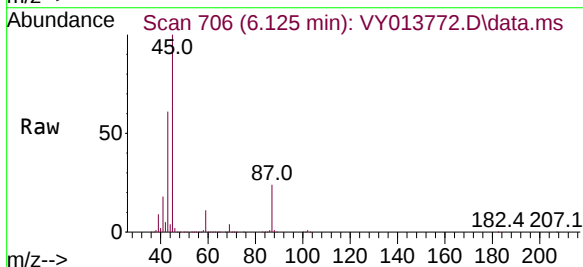
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

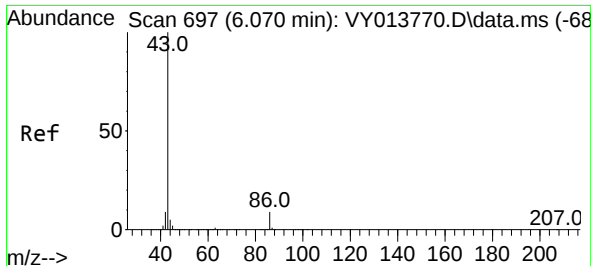
Tgt Ion: 96 Resp: 380628
Ion Ratio Lower Upper
96 100
61 147.8 110.8 166.2
98 63.5 48.6 72.8



#22
Diisopropyl ether
Concen: 151.816 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 45 Resp: 1486690
Ion Ratio Lower Upper
45 100
43 60.7 49.7 74.5
87 23.9 19.9 29.9
59 11.4 9.0 13.4

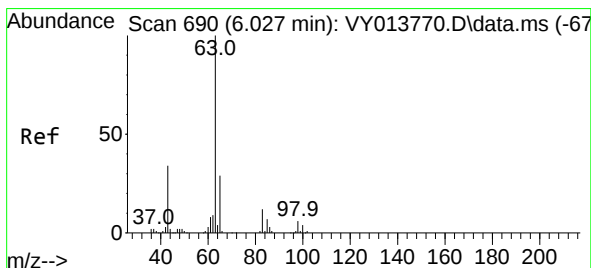
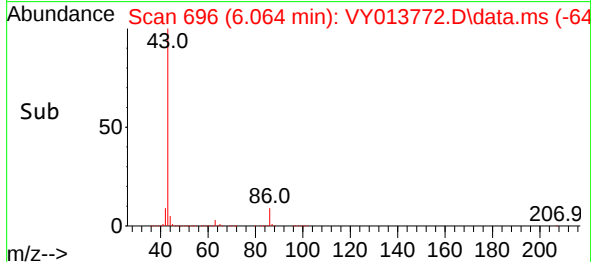
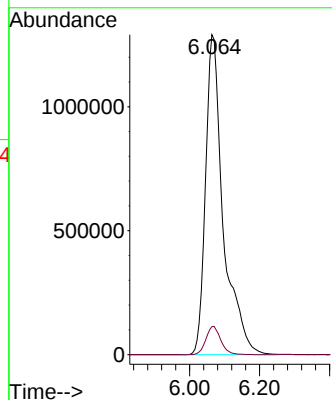
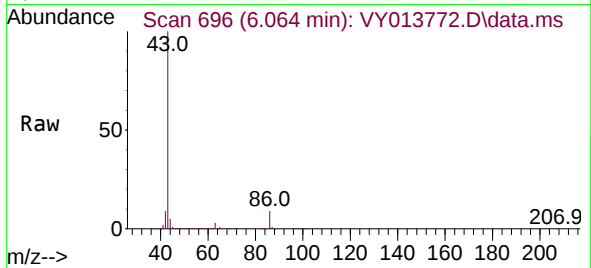




#23
 Vinyl Acetate
 Concen: 801.444 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

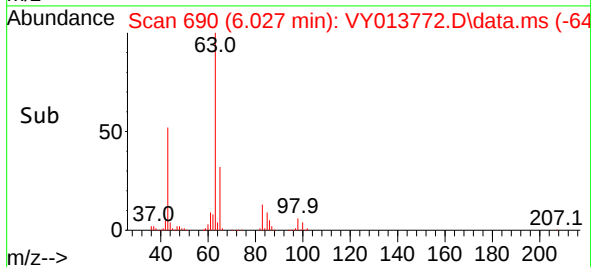
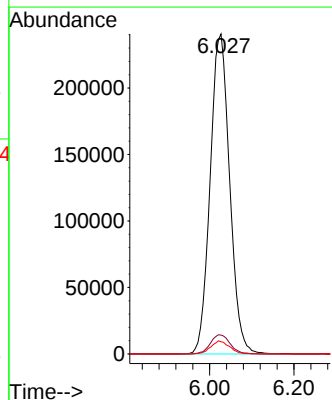
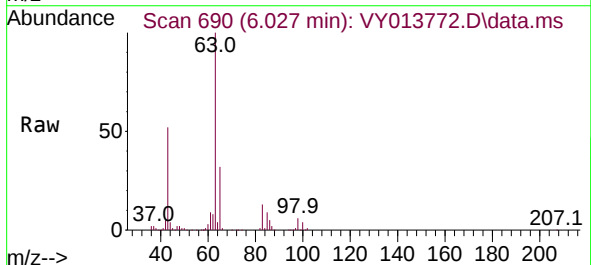
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

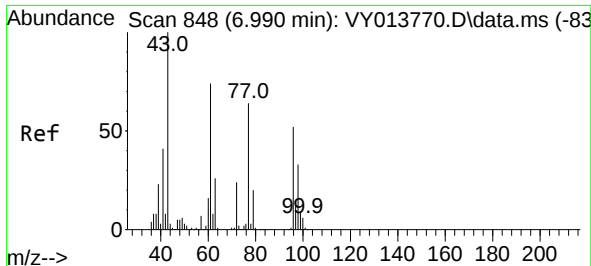
Tgt Ion: 43 Resp: 4541579
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 144.596 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

Tgt Ion: 63 Resp: 774066
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.0
 100 3.8 2.0 6.0

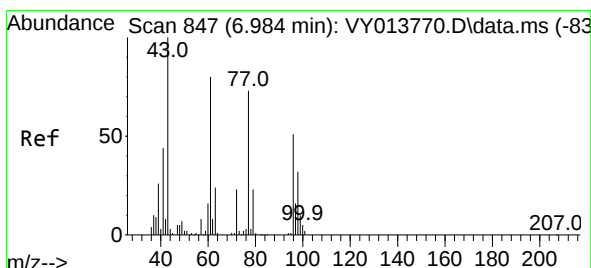
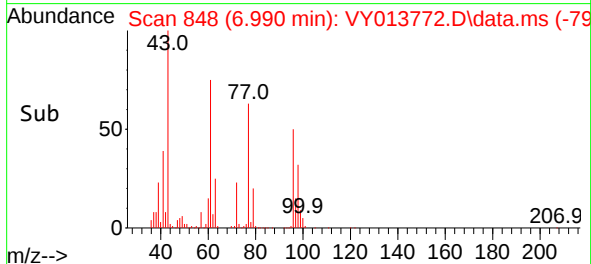
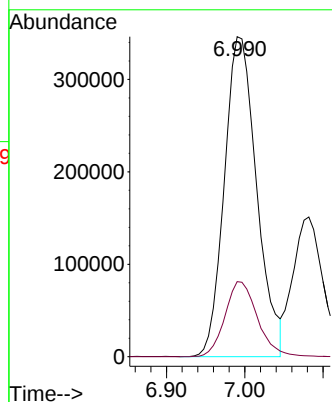
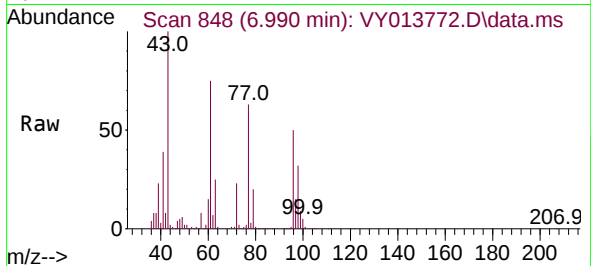




#25
2-Butanone
Concen: 783.445 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

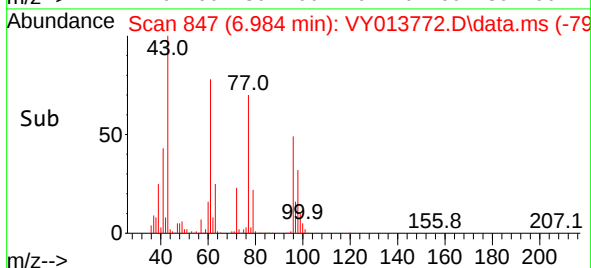
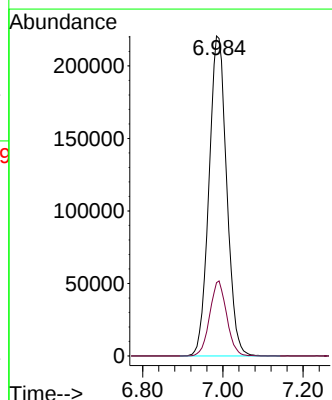
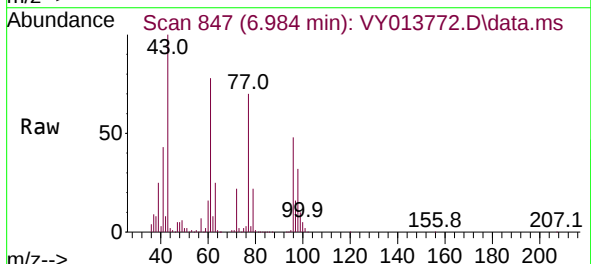
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

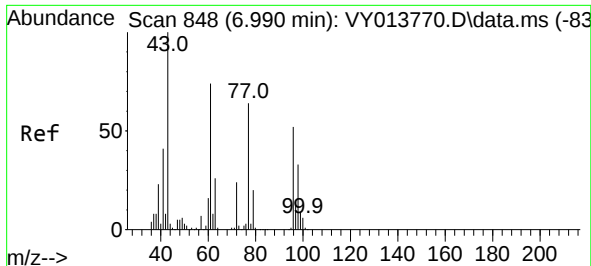
Tgt Ion: 43 Resp: 994063
Ion Ratio Lower Upper
43 100
72 23.4 19.0 28.6



#26
2,2-Dichloropropane
Concen: 147.578 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 77 Resp: 674835
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 148.083 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

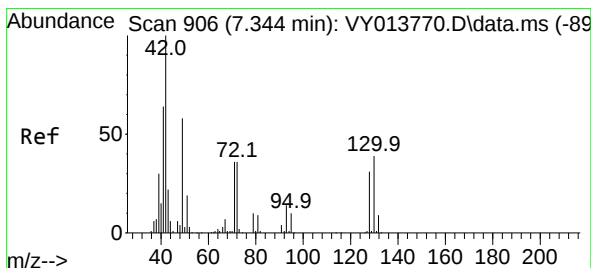
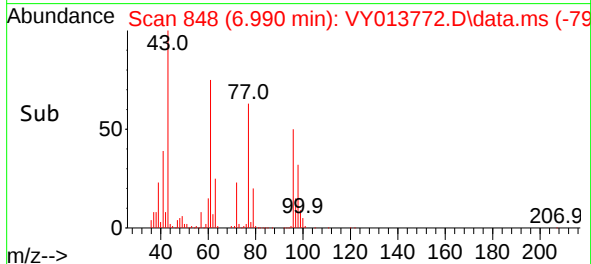
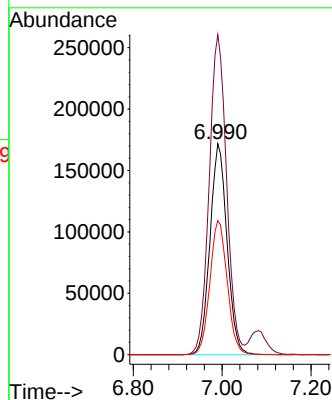
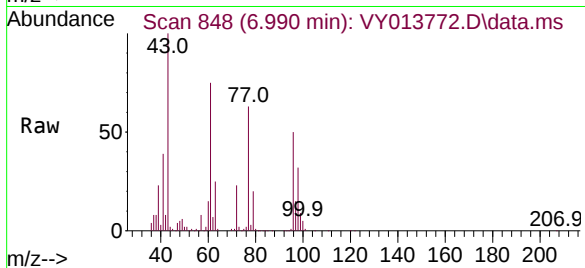
Tgt Ion: 96 Resp: 459180

Ion Ratio Lower Upper

96 100

61 154.7 0.0 300.6

98 64.5 0.0 127.8



#28

Bromochloromethane

Concen: 137.933 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

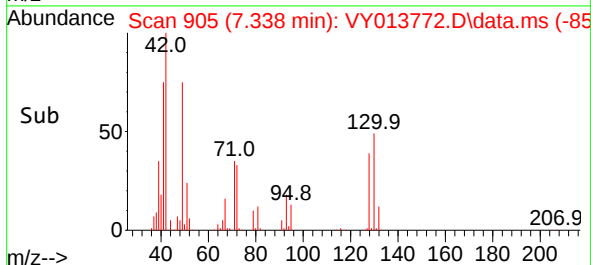
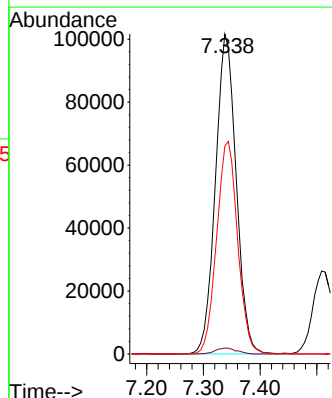
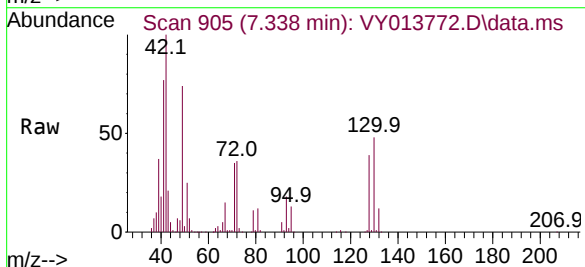
Tgt Ion: 49 Resp: 258359

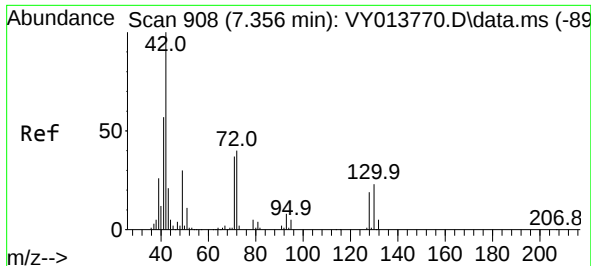
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 67.2 54.4 81.6





#29

Tetrahydrofuran

Concen: 794.745 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

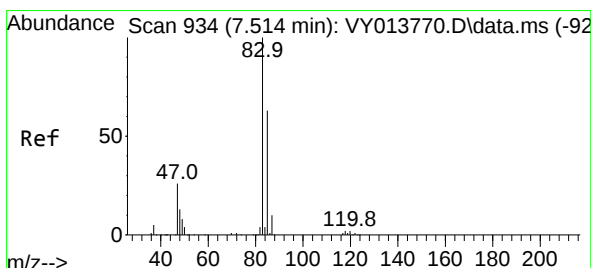
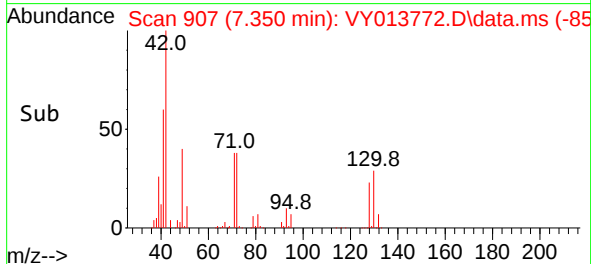
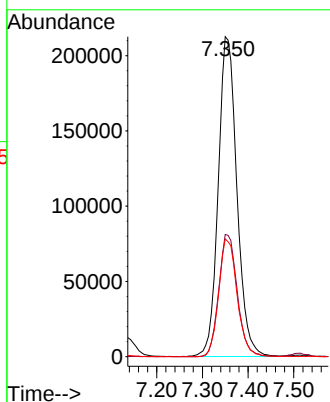
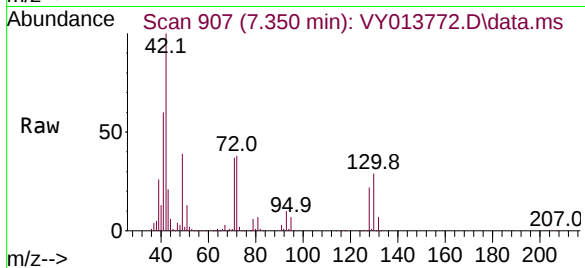
Tgt Ion: 42 Resp: 603372

Ion Ratio Lower Upper

42 100

72 38.0 30.7 46.1

71 36.3 29.0 43.6



#30

Chloroform

Concen: 143.163 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013772.D

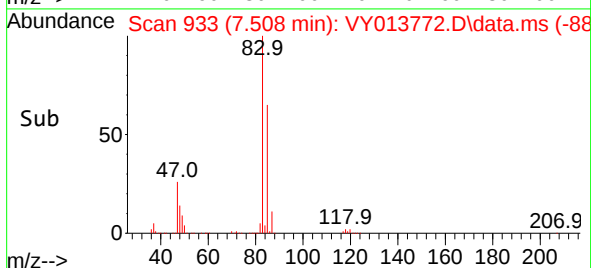
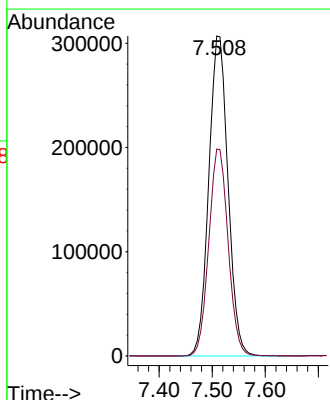
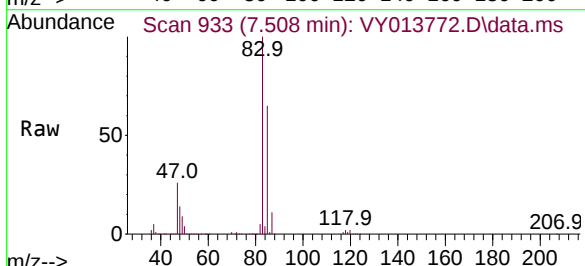
Acq: 17 May 2023 12:07

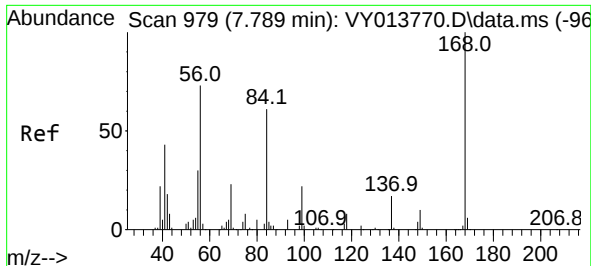
Tgt Ion: 83 Resp: 772300

Ion Ratio Lower Upper

83 100

85 64.6 50.5 75.7

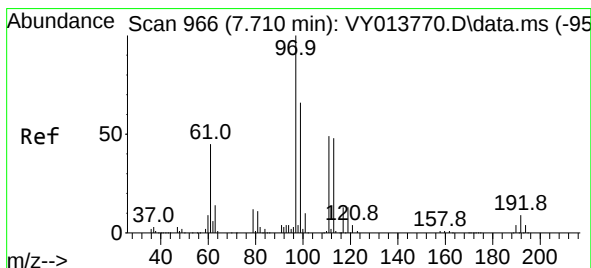
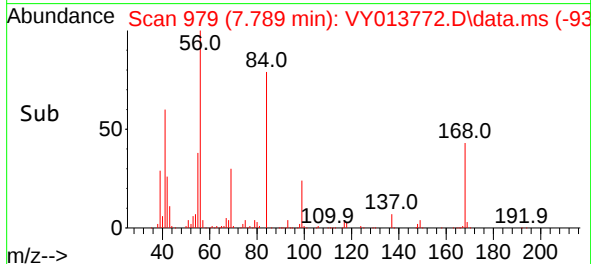
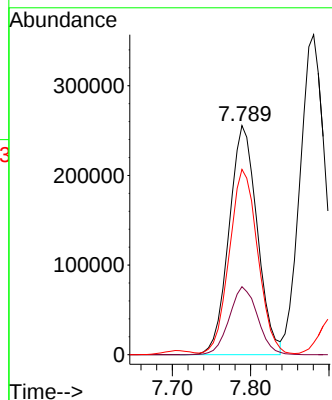
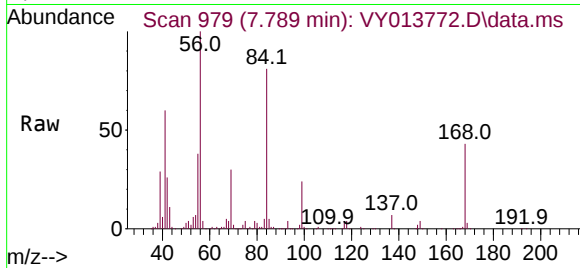




#31
Cyclohexane
Concen: 138.041 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

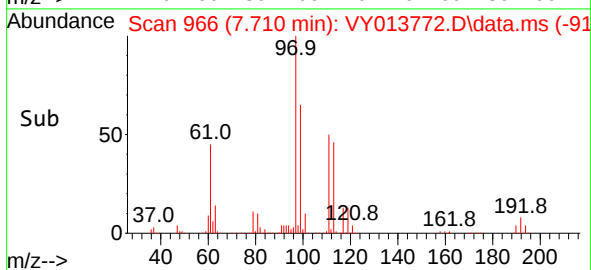
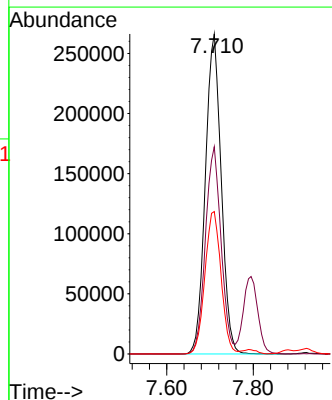
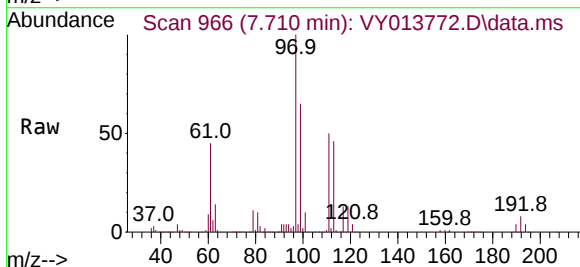
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

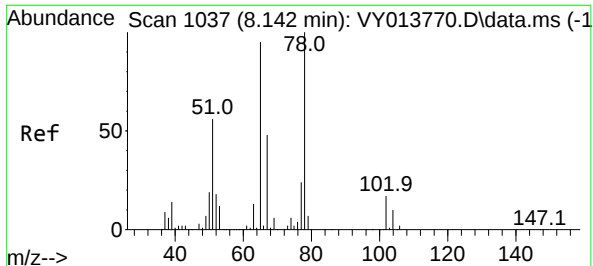
Tgt Ion: 56 Resp: 640299
Ion Ratio Lower Upper
56 100
69 29.7 25.8 38.6
84 79.1 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 146.859 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 97 Resp: 676260
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 45.4 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 143.530 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

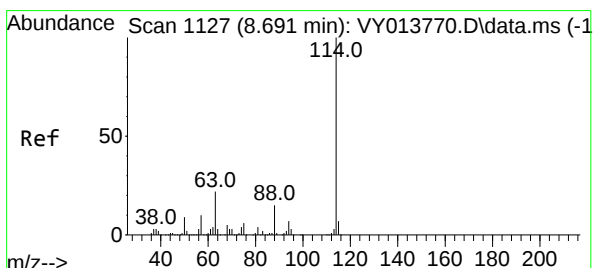
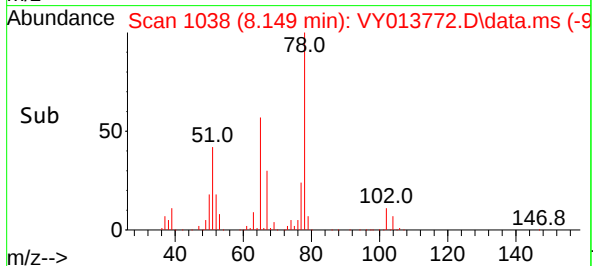
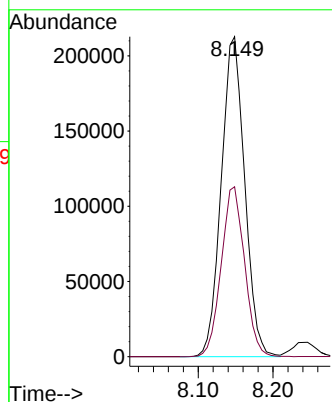
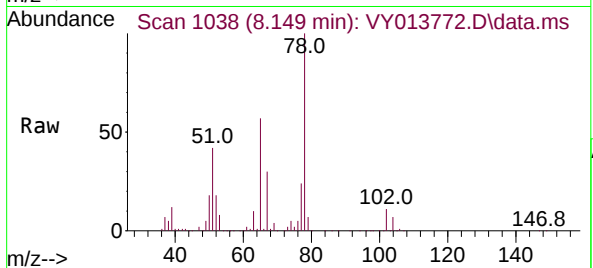
VSTDIC150

Tgt Ion: 65 Resp: 464345

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

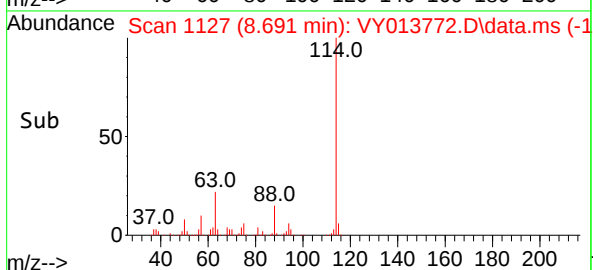
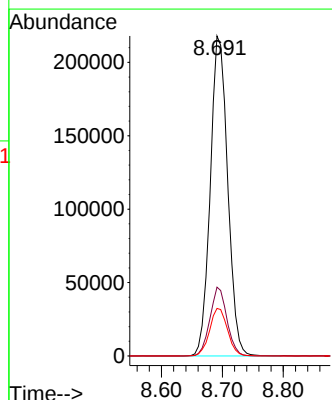
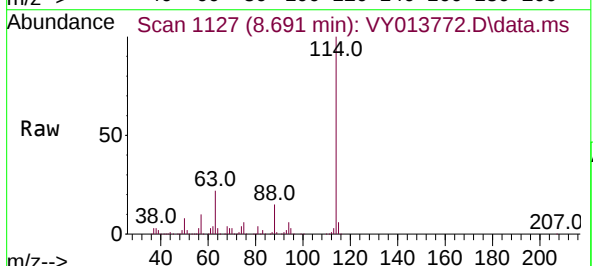
Tgt Ion:114 Resp: 432716

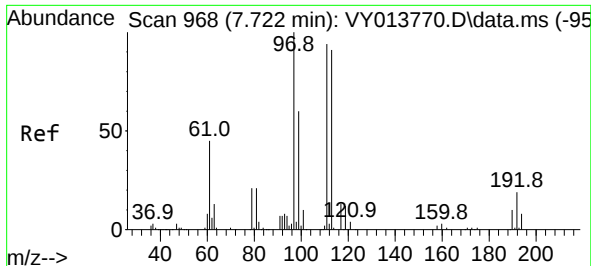
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 14.9 0.0 30.8

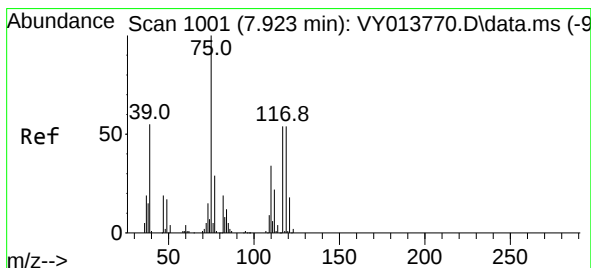
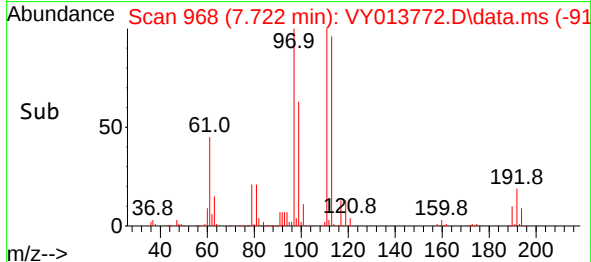
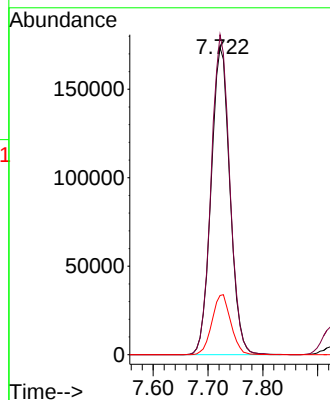
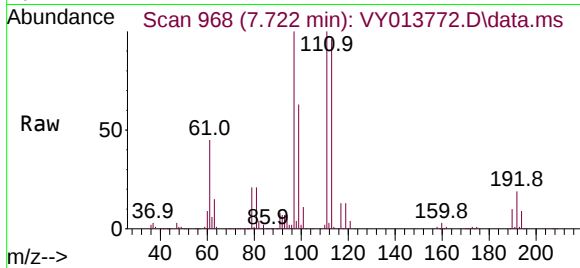




#35
Dibromofluoromethane
Concen: 149.251 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

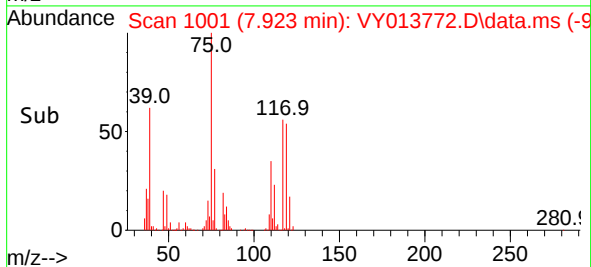
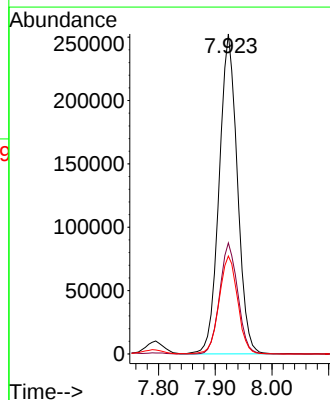
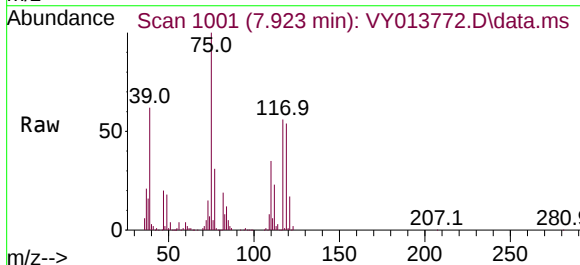
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

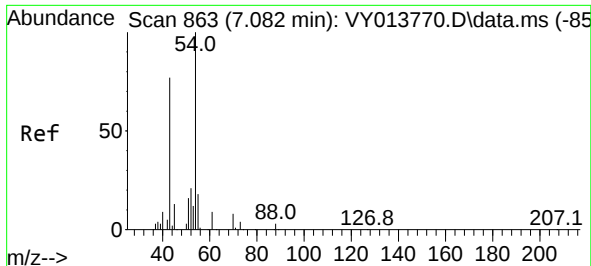
Tgt Ion:113 Resp: 414147
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 146.510 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 75 Resp: 561712
Ion Ratio Lower Upper
75 100
110 34.4 17.3 51.7
77 31.1 24.6 36.8

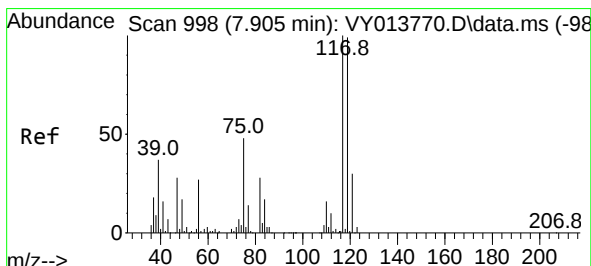
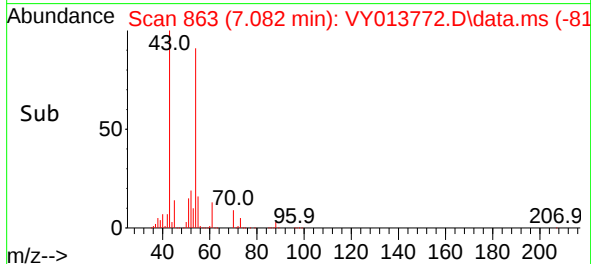
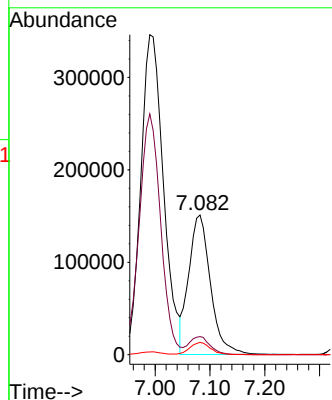
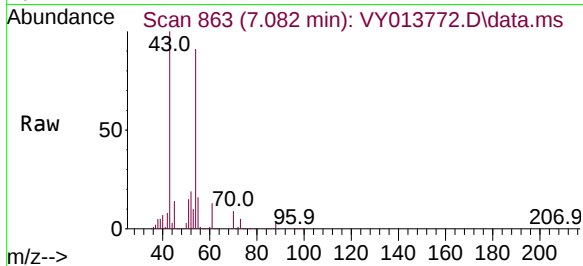




#37
Ethyl Acetate
Concen: 157.870 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

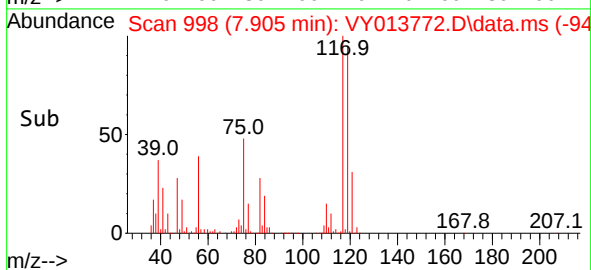
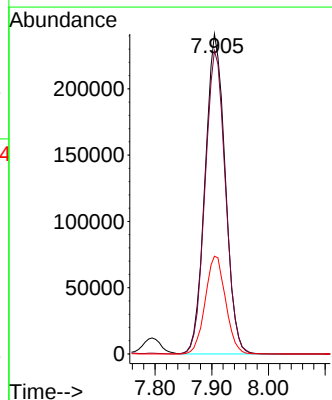
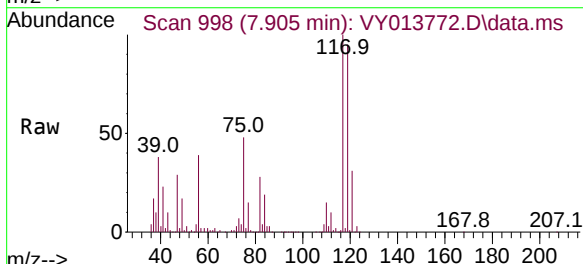
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

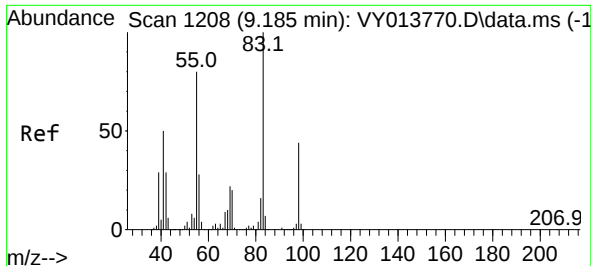
Tgt Ion: 43 Resp: 416342
Ion Ratio Lower Upper
43 100
61 12.3 10.7 16.1
70 8.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 147.044 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 117 Resp: 594735
Ion Ratio Lower Upper
117 100
119 94.8 79.0 118.6
121 30.6 24.1 36.1





#39

Methylcyclohexane

Concen: 155.388 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

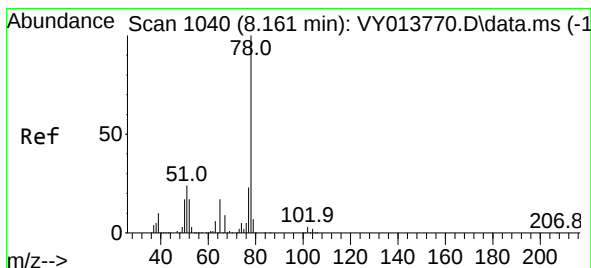
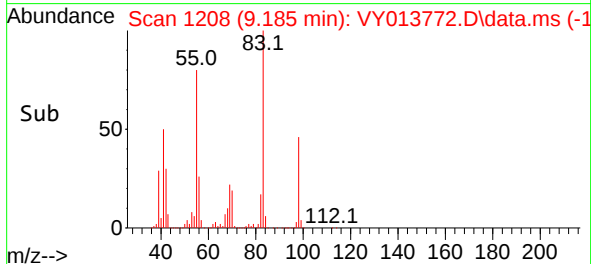
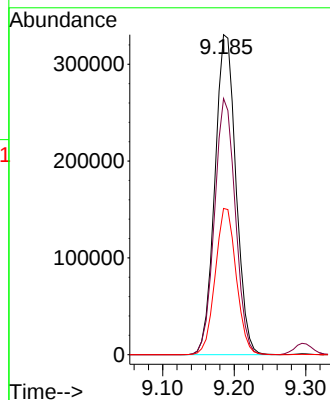
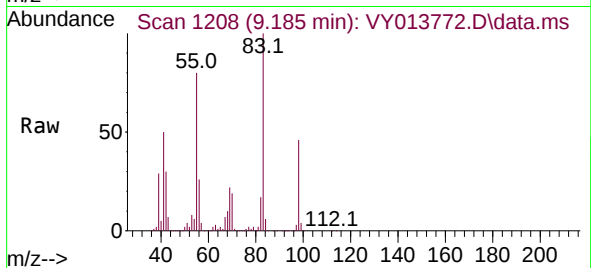
Tgt Ion: 83 Resp: 677127

Ion Ratio Lower Upper

83 100

55 80.1 63.7 95.5

98 45.7 35.0 52.6



#40

Benzene

Concen: 145.992 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY013772.D

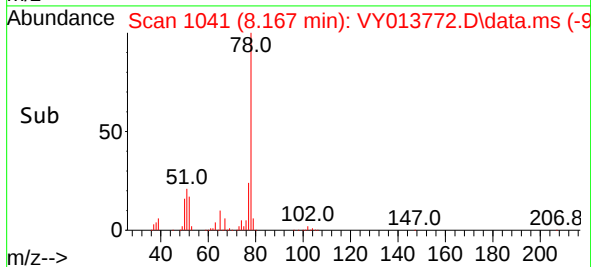
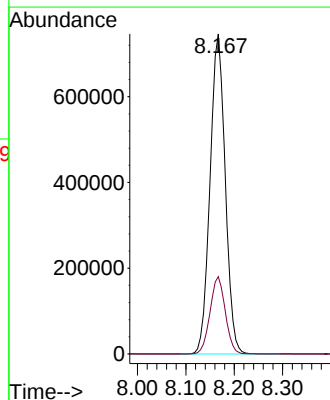
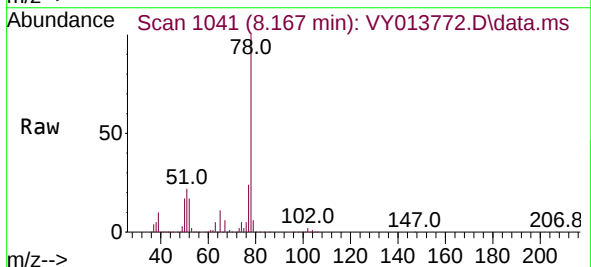
Acq: 17 May 2023 12:07

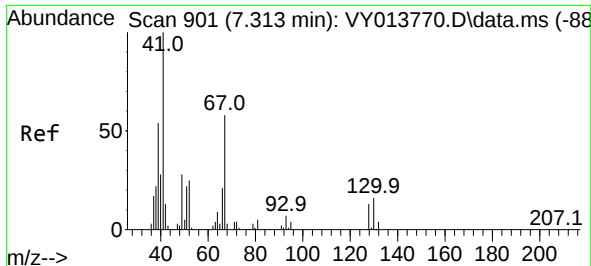
Tgt Ion: 78 Resp: 1626570

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8

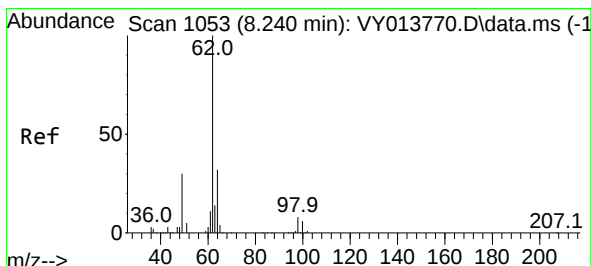
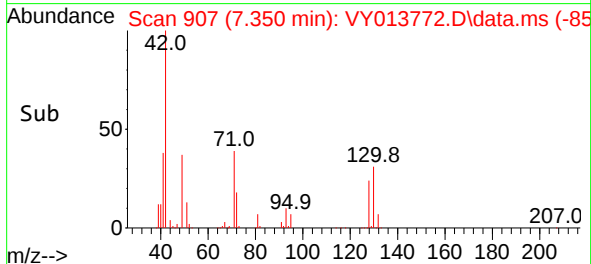
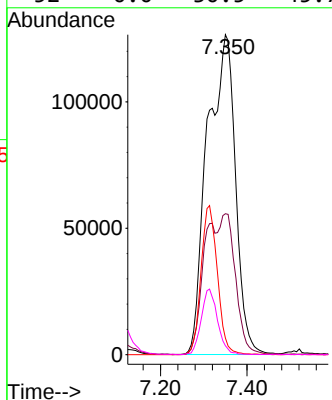
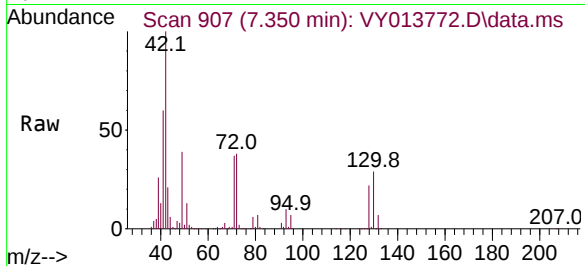




#41
Methacrylonitrile
Concen: 448.239 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

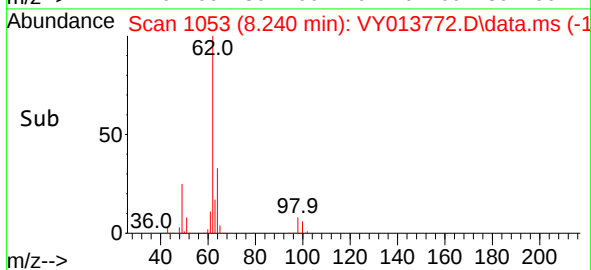
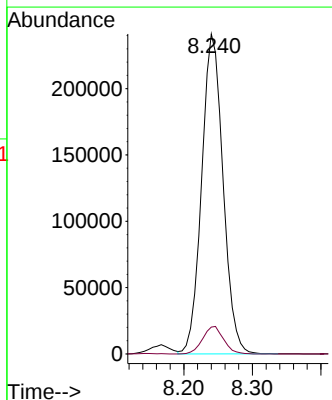
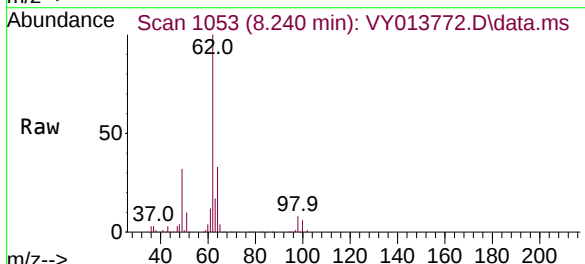
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

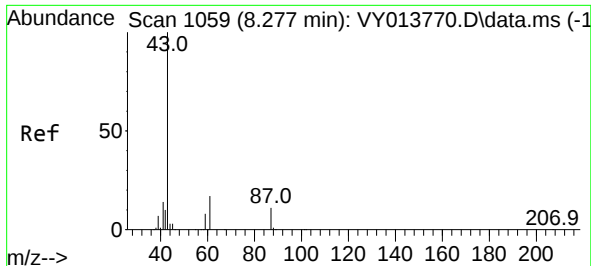
Tgt Ion: 41 Resp: 570271
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
67 0.0 69.1 103.7#
52 0.0 30.5 45.7#



#42
1,2-Dichloroethane
Concen: 145.682 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 62 Resp: 524433
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.8

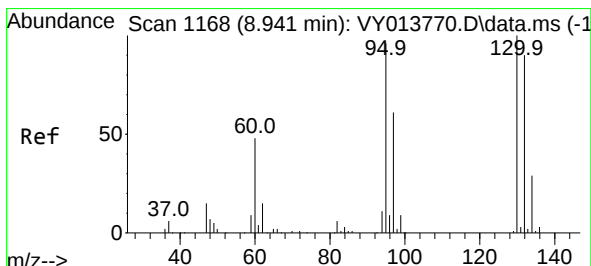
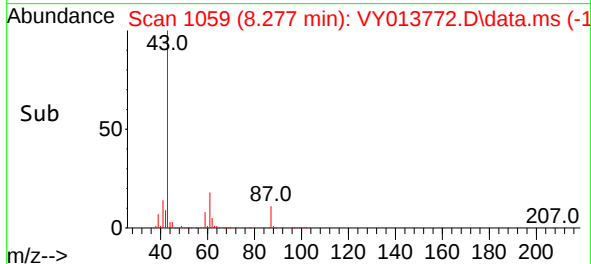
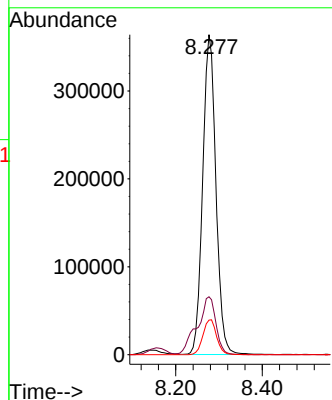
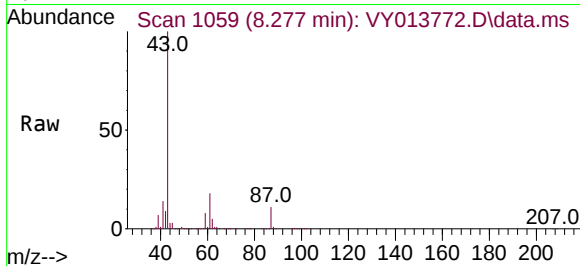




#43
Isopropyl Acetate
Concen: 161.123 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

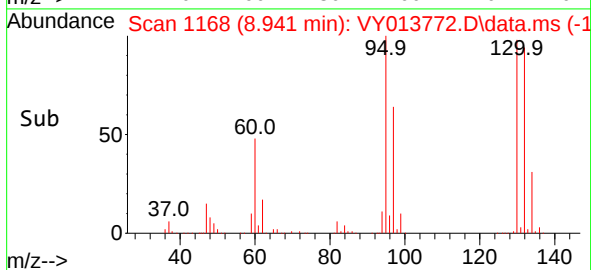
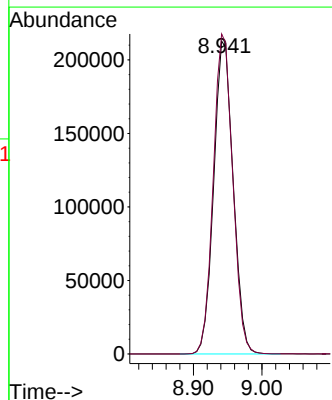
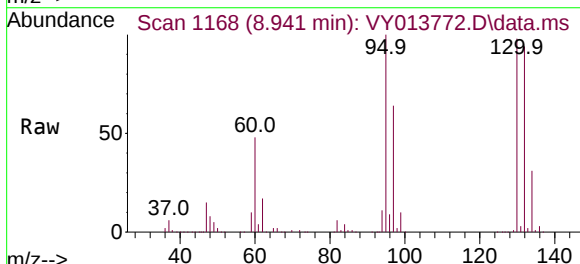
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

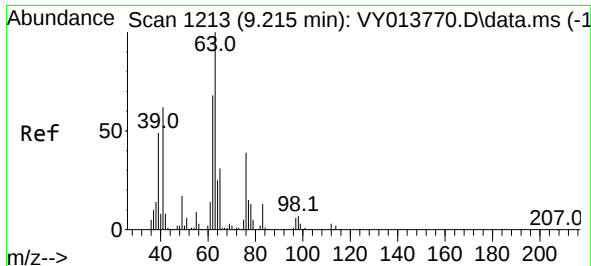
Tgt Ion: 43 Resp: 771254
Ion Ratio Lower Upper
43 100
61 25.5 20.6 31.0
87 11.3 9.0 13.6



#44
Trichloroethene
Concen: 144.102 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 130 Resp: 419703
Ion Ratio Lower Upper
130 100
95 102.3 0.0 193.0





#45

1,2-Dichloropropane

Concen: 148.064 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

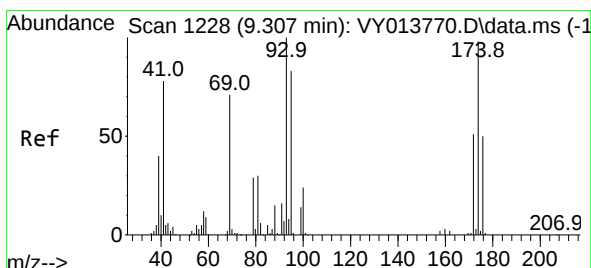
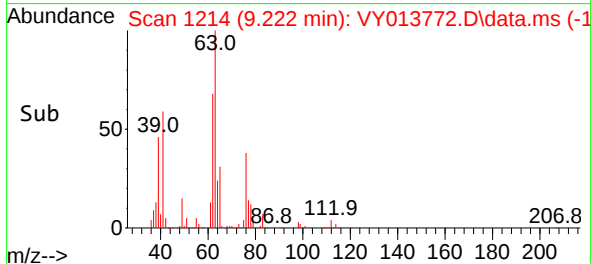
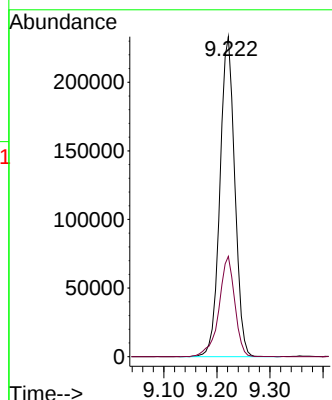
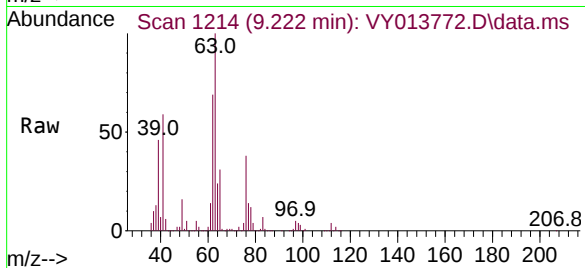
VSTDIC150

Tgt Ion: 63 Resp: 453308

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 146.192 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

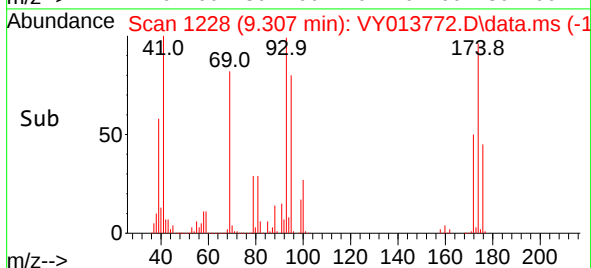
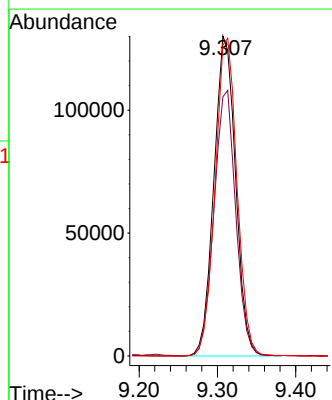
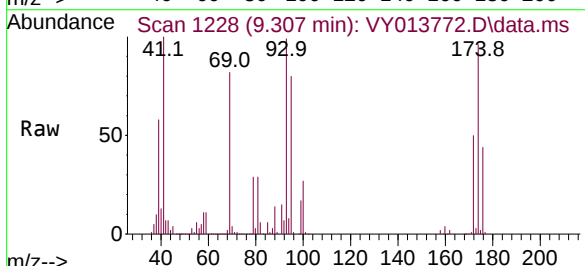
Tgt Ion: 93 Resp: 250671

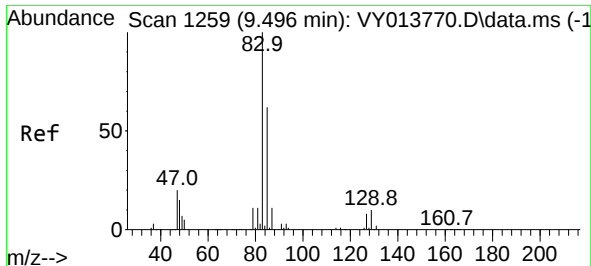
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 100.1 79.5 119.3





#47

Bromodichloromethane

Concen: 147.198 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

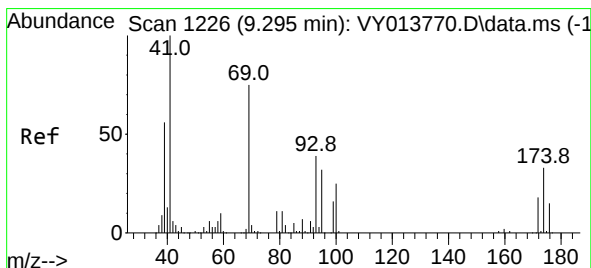
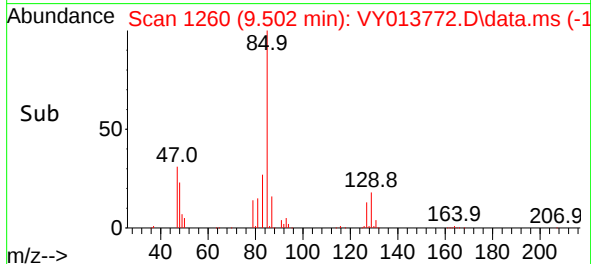
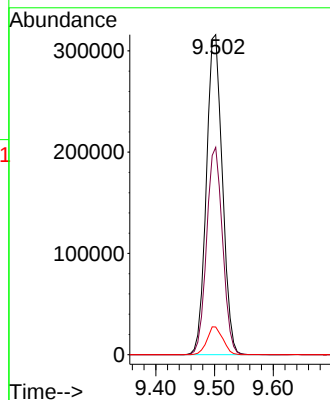
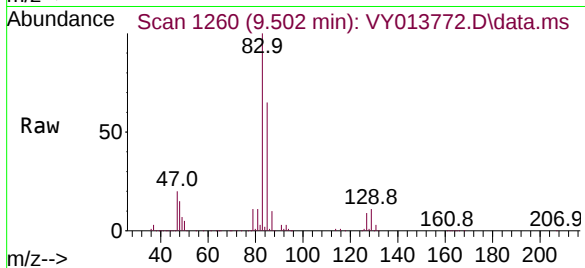
Tgt Ion: 83 Resp: 597725

Ion Ratio Lower Upper

83 100

85 64.8 49.6 74.4

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 166.309 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

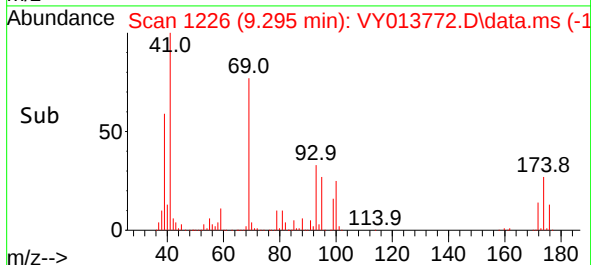
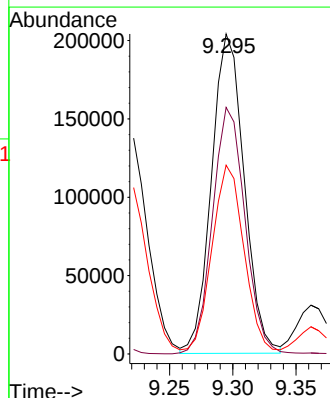
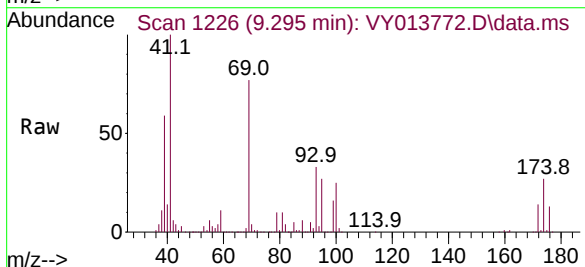
Tgt Ion: 41 Resp: 365680

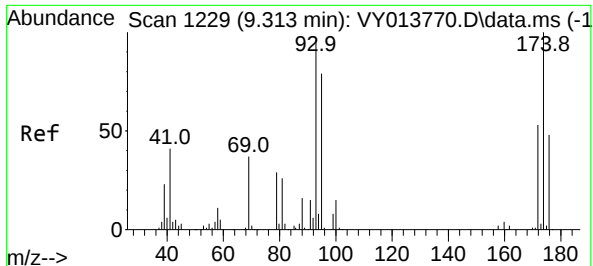
Ion Ratio Lower Upper

41 100

69 77.1 63.0 94.6

39 56.0 46.2 69.2





#49

1,4-Dioxane

Concen: 3178.766 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

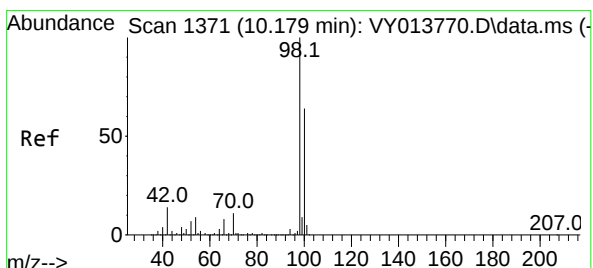
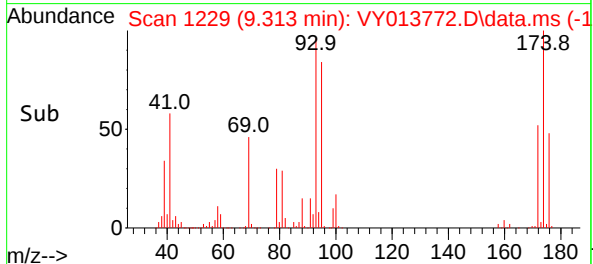
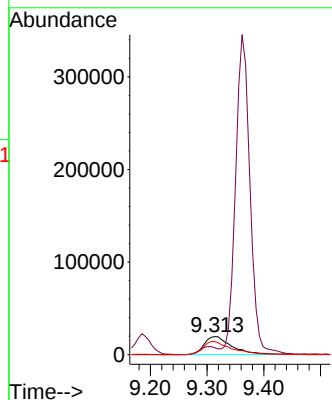
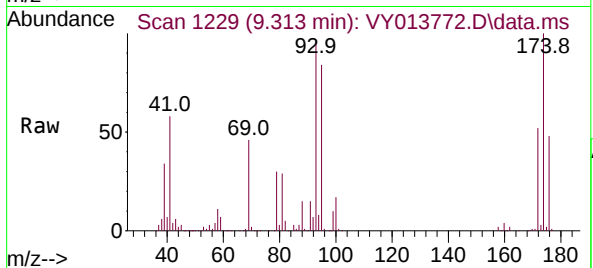
Tgt Ion: 88 Resp: 66895

Ion Ratio Lower Upper

88 100

43 29.8 26.1 39.1

58 76.0 62.2 93.2



#50

Toluene-d8

Concen: 150.448 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY013772.D

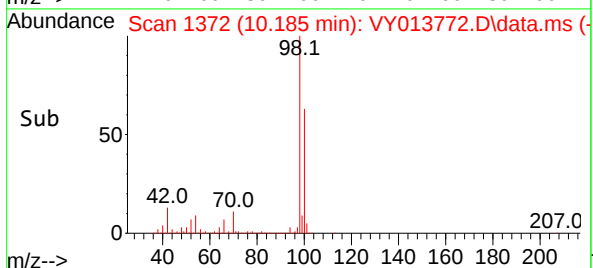
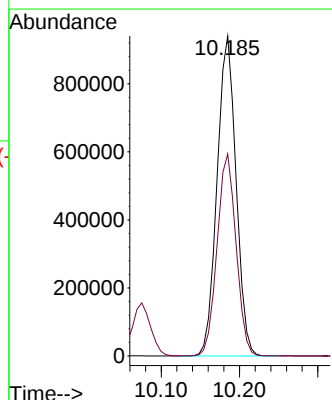
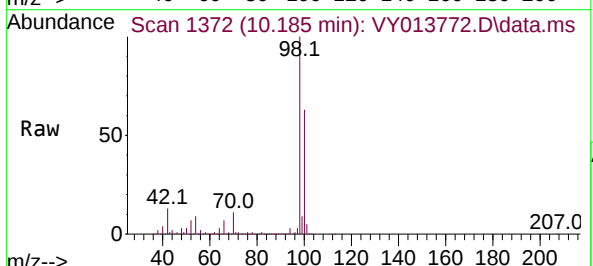
Acq: 17 May 2023 12:07

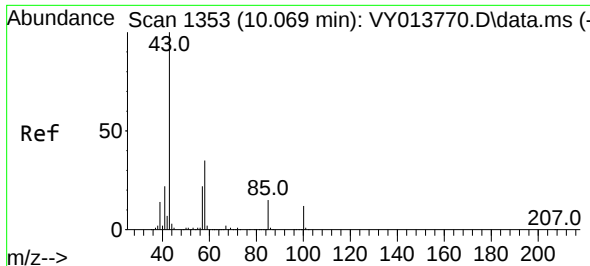
Tgt Ion: 98 Resp: 1582678

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.6

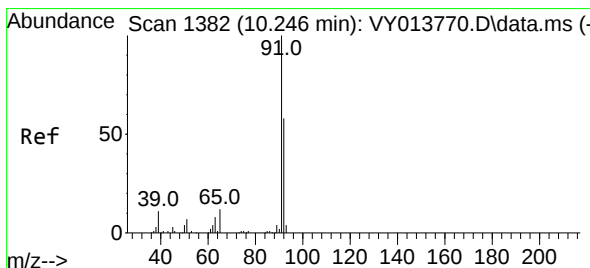
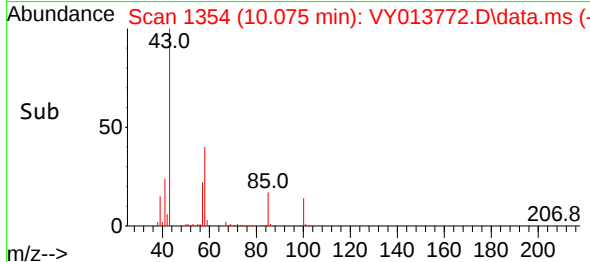
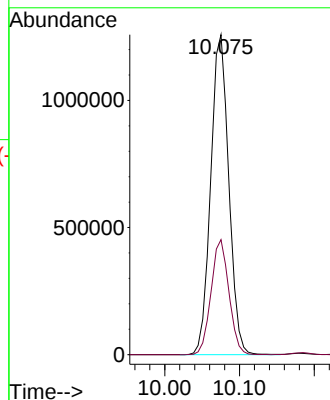
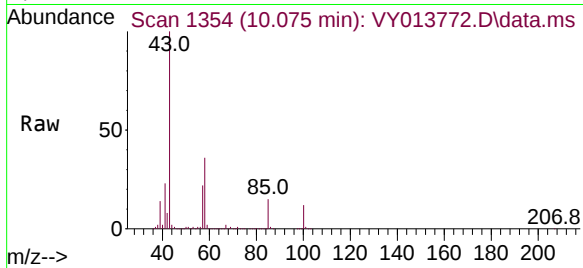




#51
4-Methyl-2-Pentanone
Concen: 791.054 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

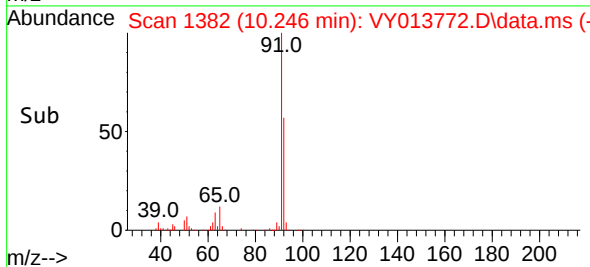
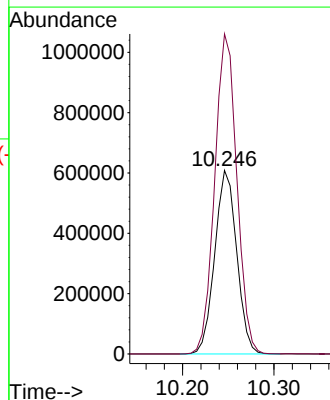
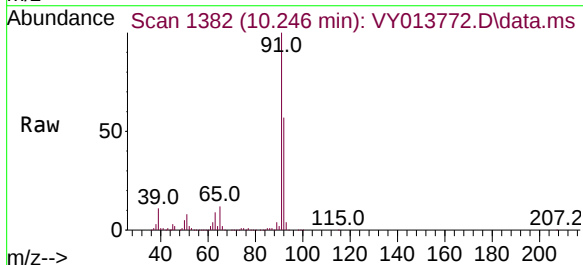
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

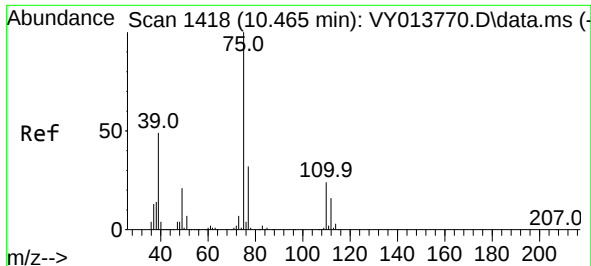
Tgt Ion: 43 Resp: 2108618
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.2



#52
Toluene
Concen: 150.271 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 92 Resp: 1014982
Ion Ratio Lower Upper
92 100
91 175.8 141.0 211.4

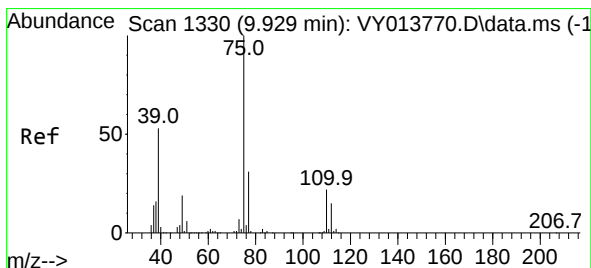
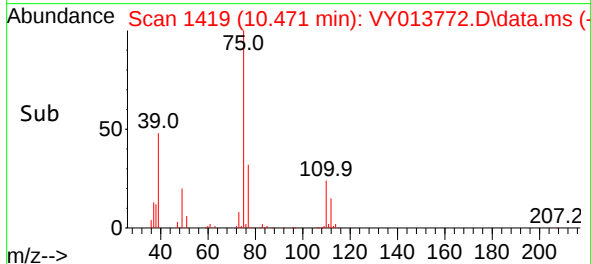
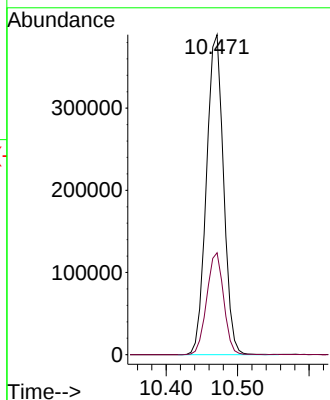
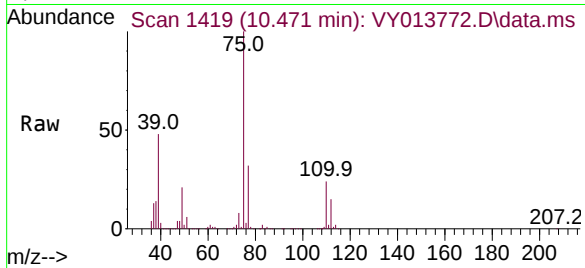




#53
 t-1,3-Dichloropropene
 Concen: 154.332 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

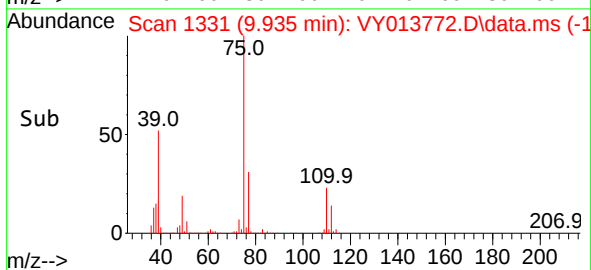
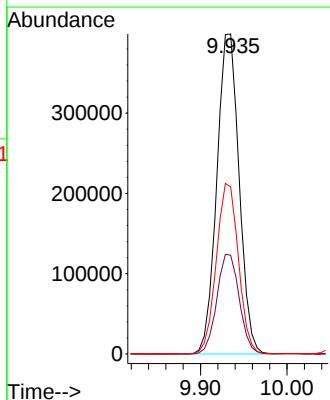
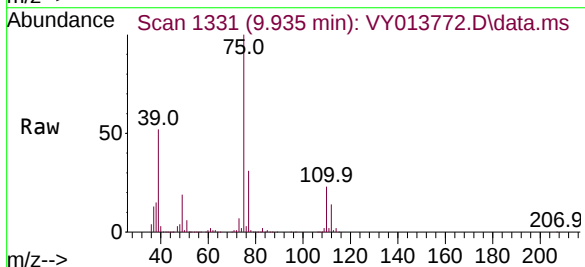
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

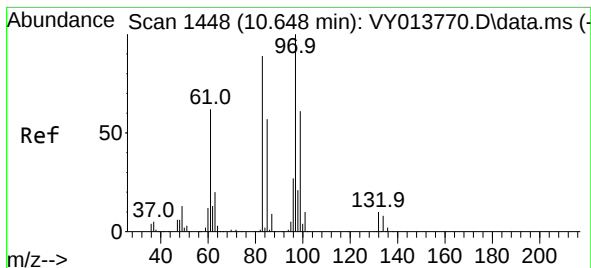
Tgt Ion: 75 Resp: 646149
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 152.484 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

Tgt Ion: 75 Resp: 712312
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 52.2 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 148.664 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 346699

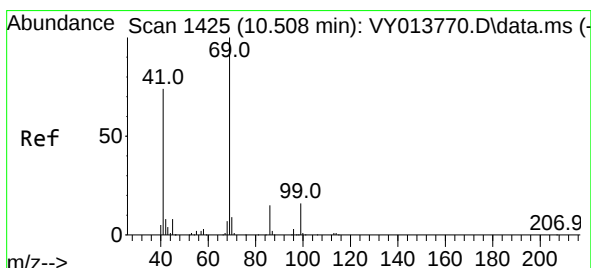
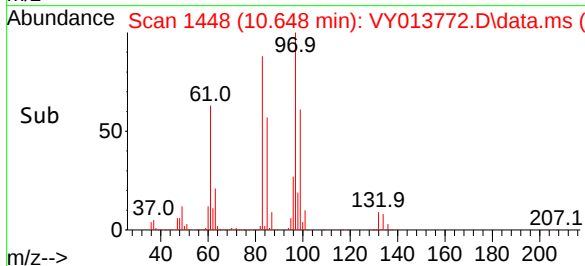
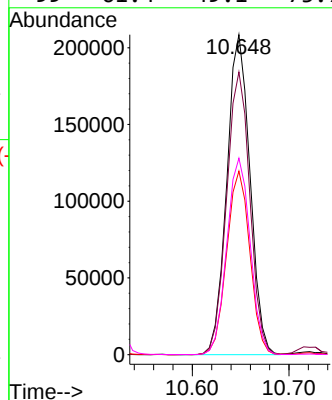
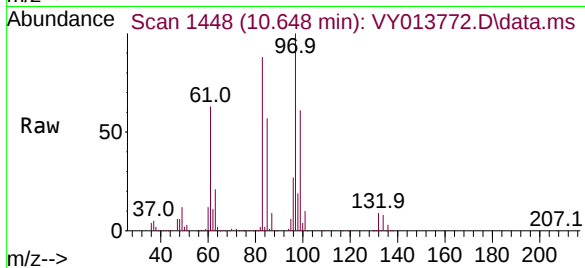
Ion Ratio Lower Upper

97 100

83 88.3 71.1 106.7

85 57.3 45.7 68.5

99 61.4 49.1 73.7



#56

Ethyl methacrylate

Concen: 167.682 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

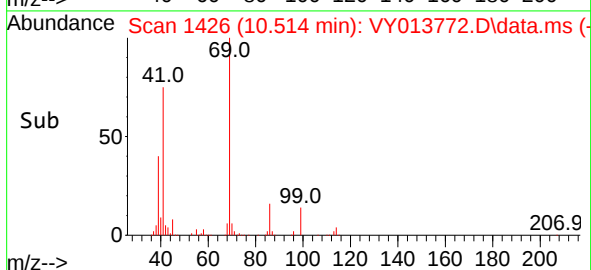
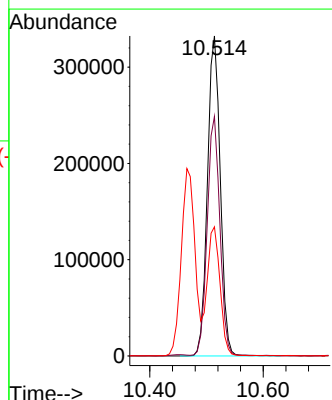
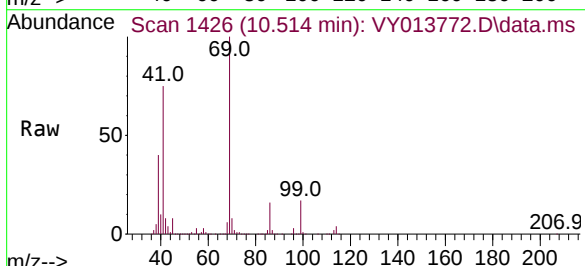
Tgt Ion: 69 Resp: 521866

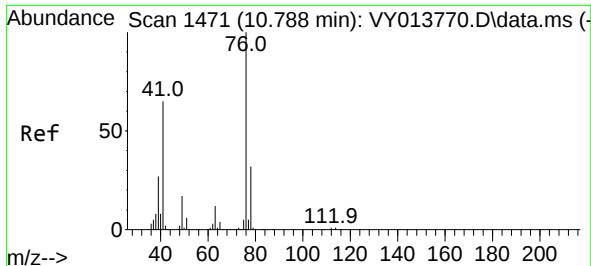
Ion Ratio Lower Upper

69 100

41 73.5 58.3 87.5

39 40.4 31.8 47.8





#57

1,3-Dichloropropane

Concen: 147.334 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

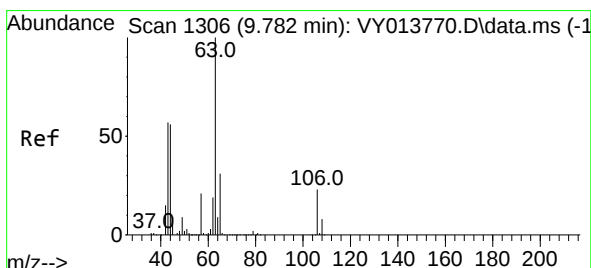
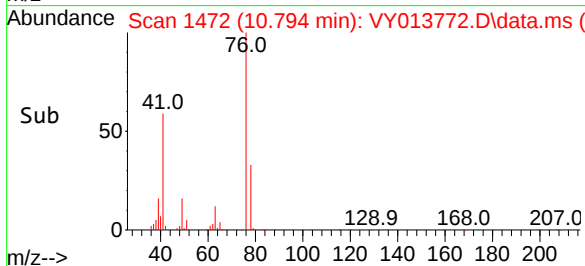
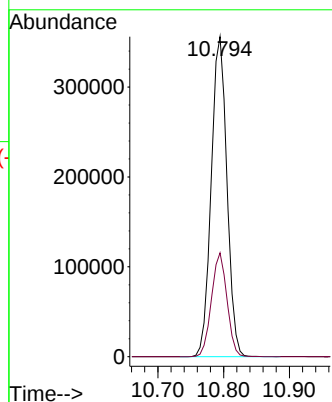
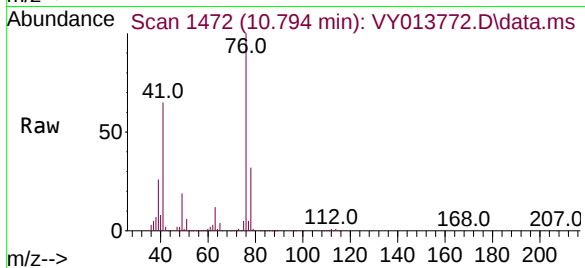
VSTDIC150

Tgt Ion: 76 Resp: 591122

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 733.622 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY013772.D

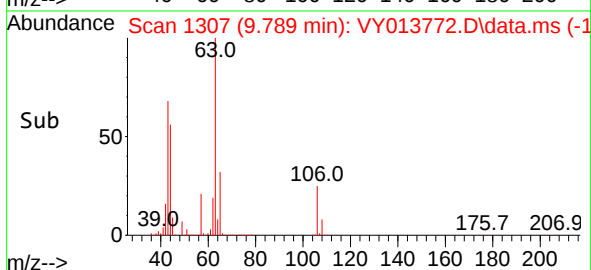
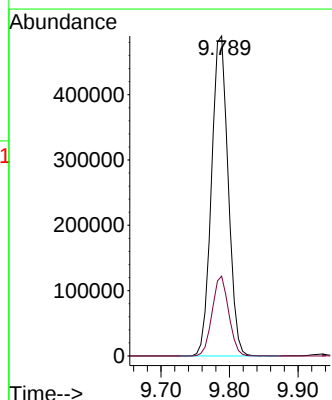
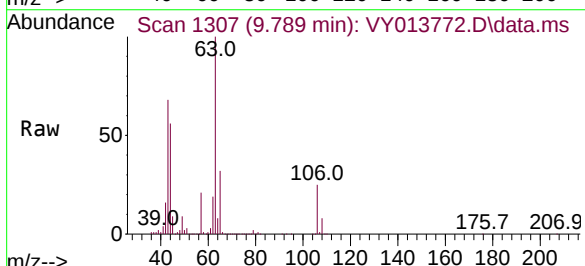
Acq: 17 May 2023 12:07

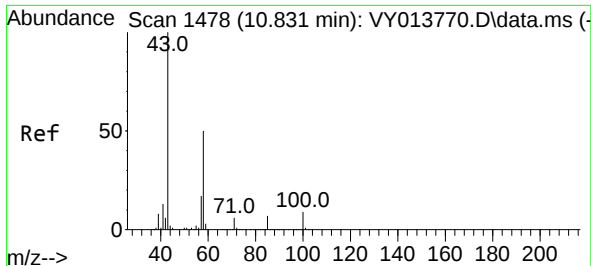
Tgt Ion: 63 Resp: 827195

Ion Ratio Lower Upper

63 100

106 24.7 19.7 29.5

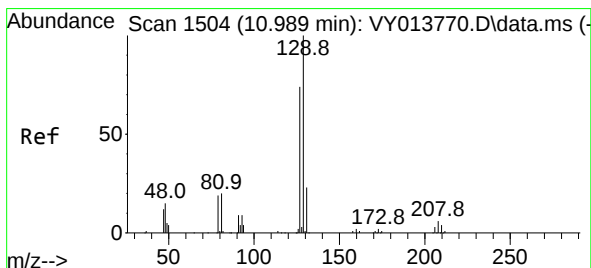
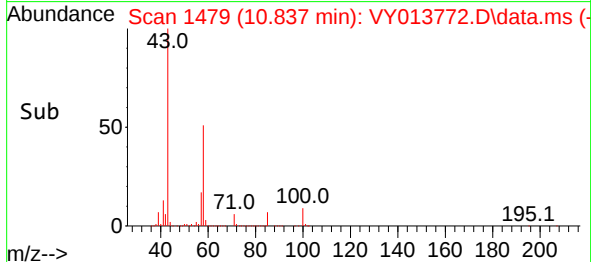
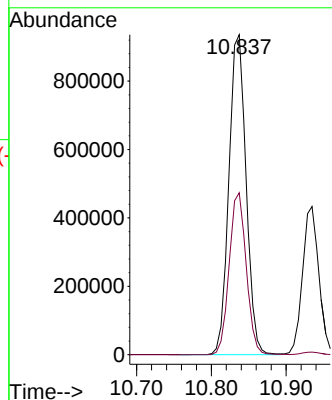
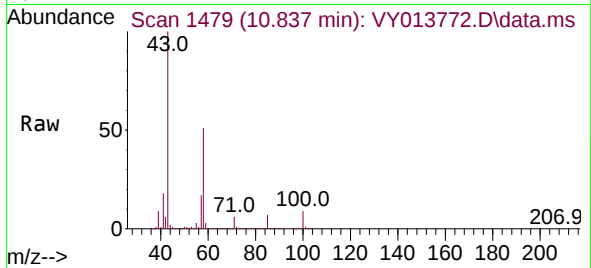




#59
2-Hexanone
Concen: 790.358 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

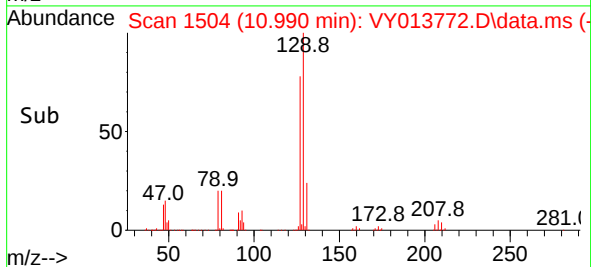
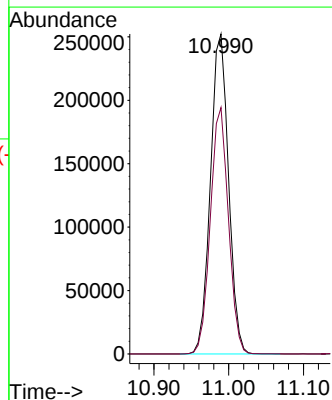
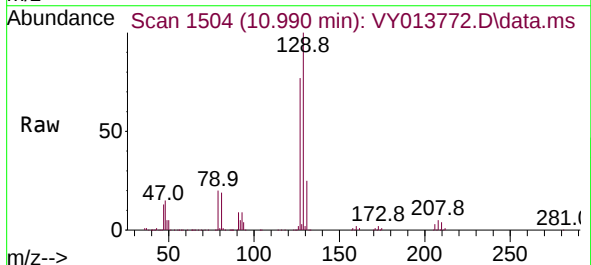
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

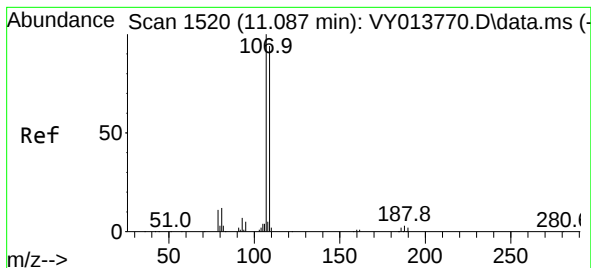
Tgt Ion: 43 Resp: 1497525
Ion Ratio Lower Upper
43 100
58 50.2 24.8 74.4



#60
Dibromochloromethane
Concen: 149.841 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:129 Resp: 423424
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 151.163 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

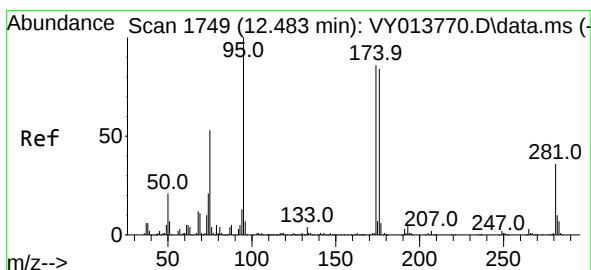
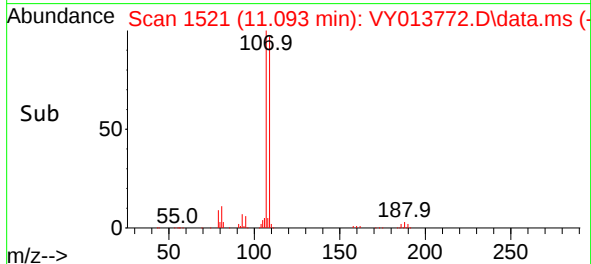
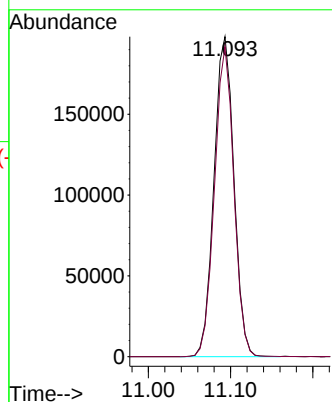
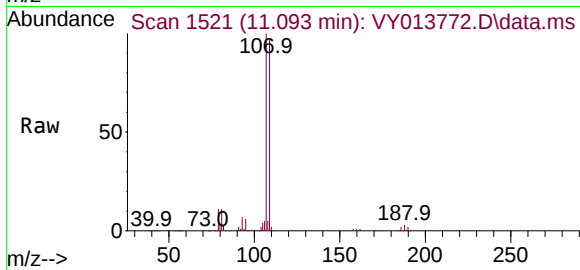
VSTDIC150

Tgt Ion:107 Resp: 332427

Ion Ratio Lower Upper

107 100

109 94.2 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 150.630 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

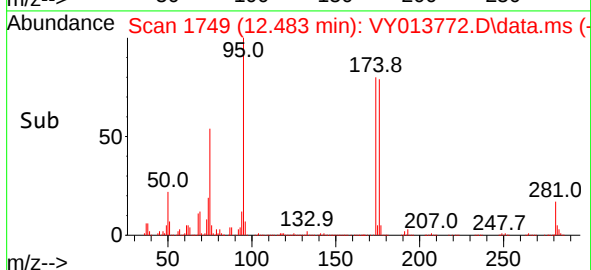
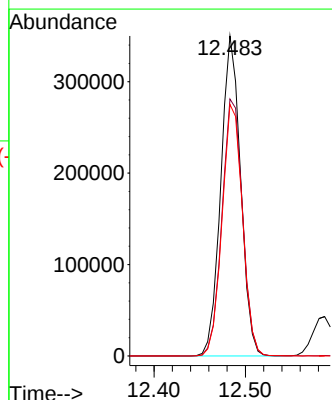
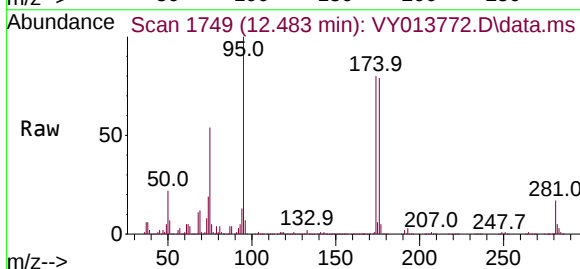
Tgt Ion: 95 Resp: 526328

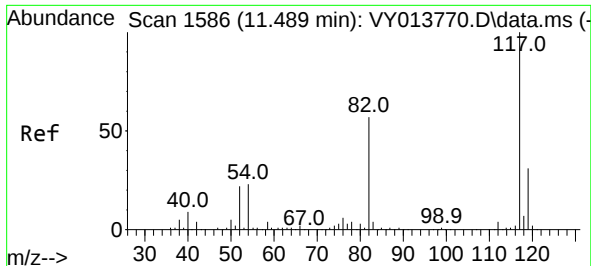
Ion Ratio Lower Upper

95 100

174 83.3 0.0 168.8

176 81.0 0.0 165.2

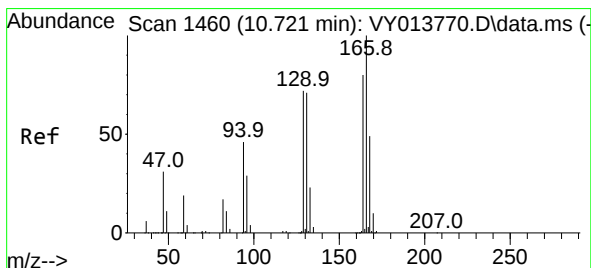
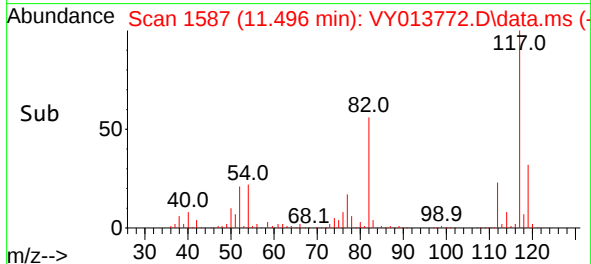
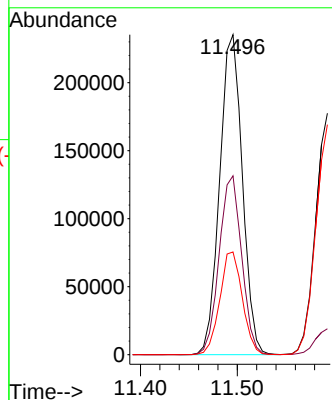
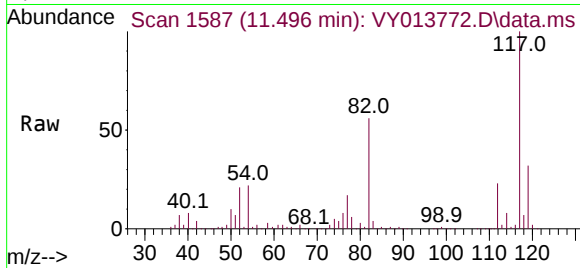




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

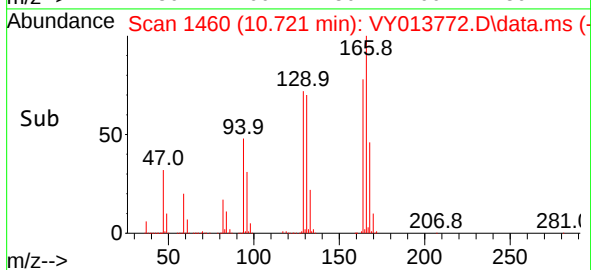
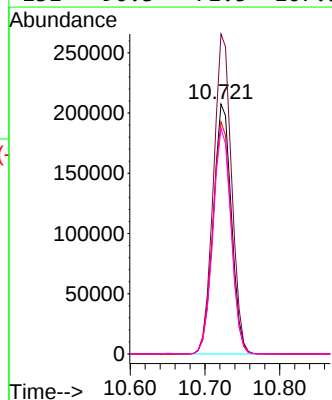
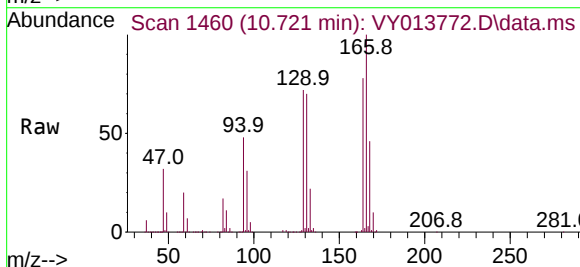
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

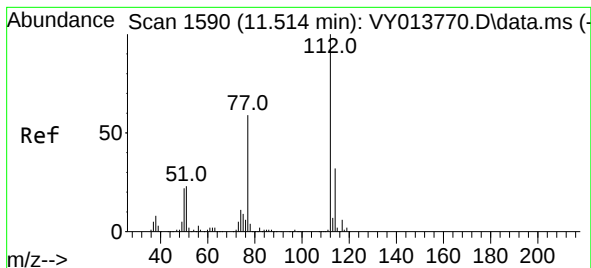
Tgt Ion:117 Resp: 382775
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 32.1 24.8 37.2



#64
Tetrachloroethene
Concen: 144.067 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:164 Resp: 349821
Ion Ratio Lower Upper
164 100
166 128.0 100.5 150.7
129 92.8 72.5 108.7
131 90.3 71.5 107.3

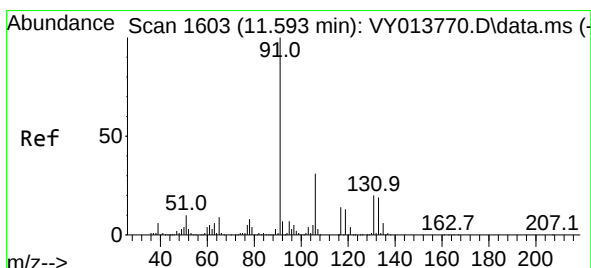
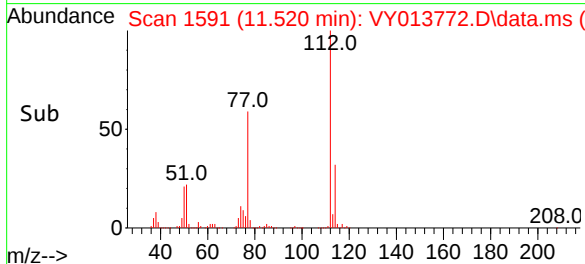
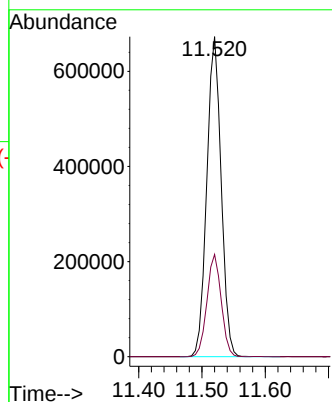
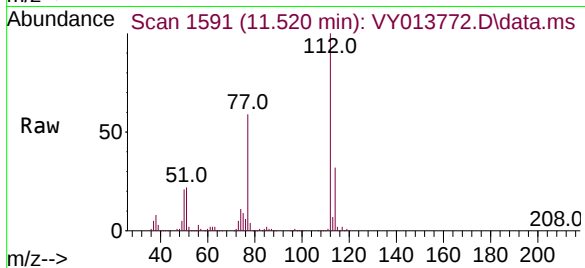




#65
Chlorobenzene
Concen: 146.520 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

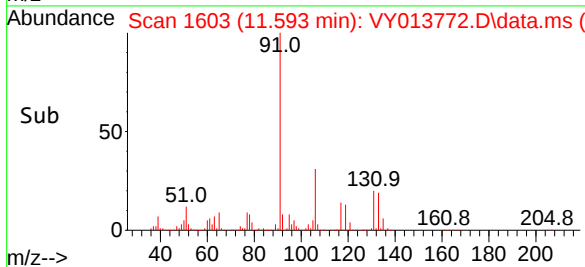
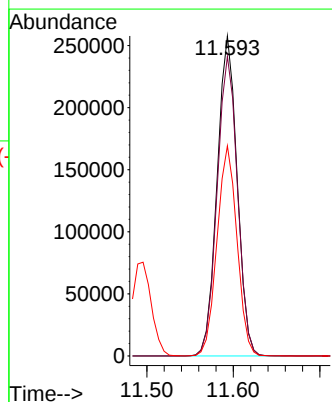
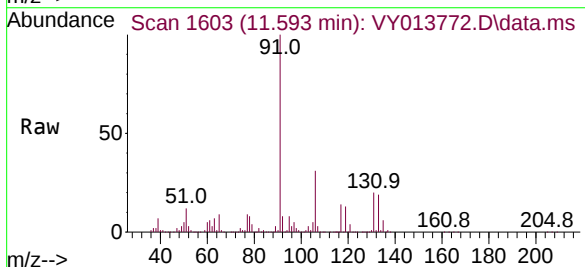
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

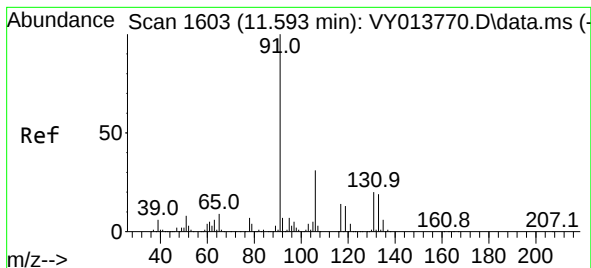
Tgt Ion:112 Resp: 1061538
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 146.796 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:131 Resp: 413251
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 65.5 32.9 98.7

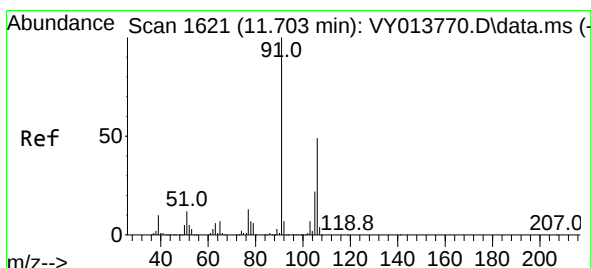
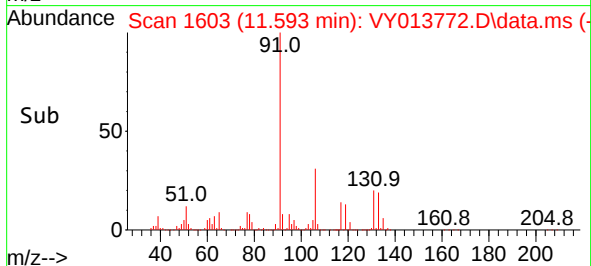
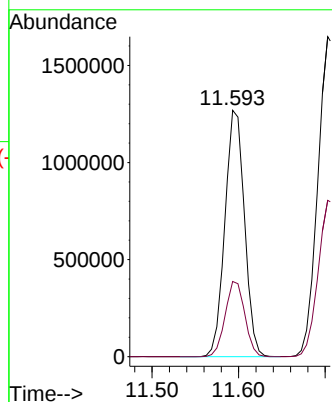
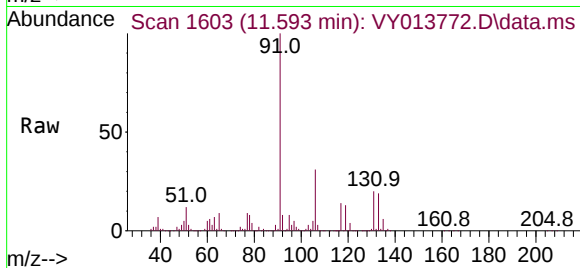




#67
Ethyl Benzene
Concen: 154.718 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

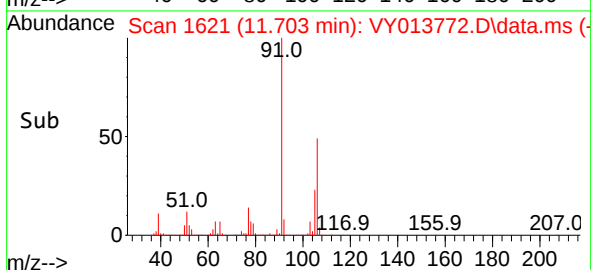
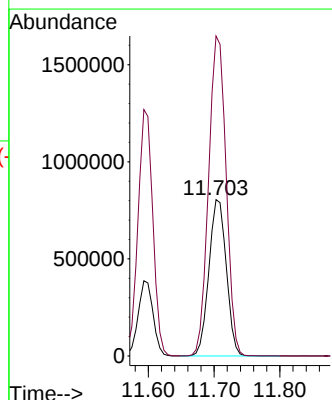
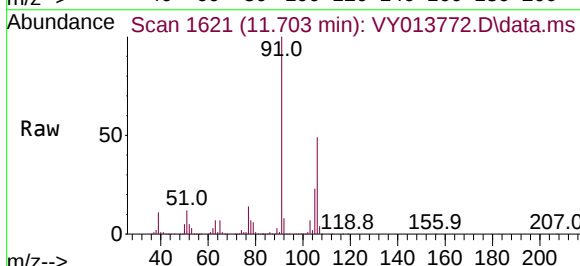
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

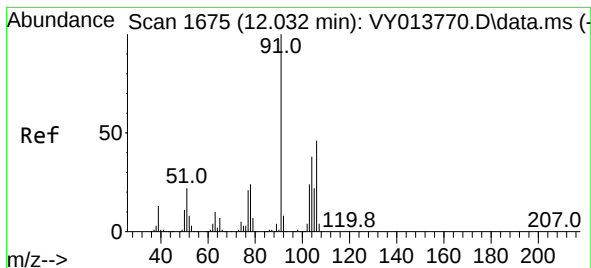
Tgt Ion: 91 Resp: 1991883
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6



#68
m/p-Xylenes
Concen: 307.384 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 106 Resp: 1482218
Ion Ratio Lower Upper
106 100
91 205.9 164.0 246.0

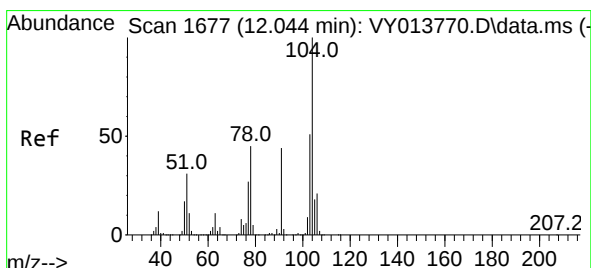
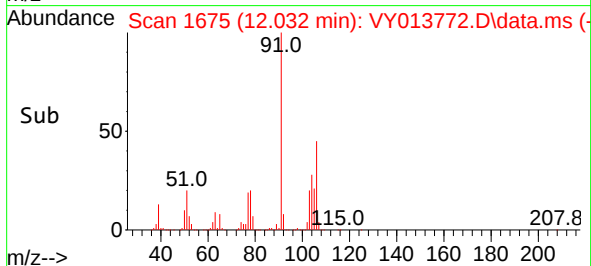
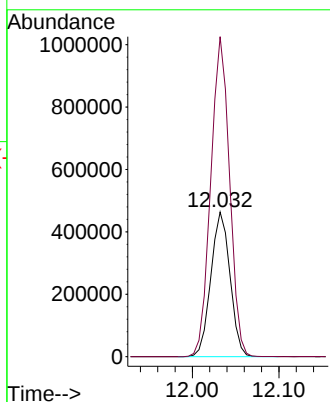
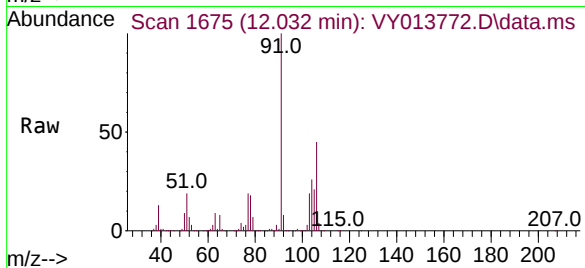




#69
o-Xylene
Concen: 155.334 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

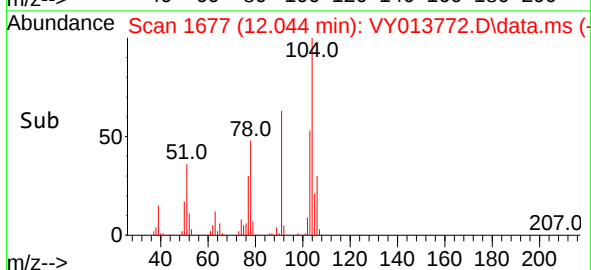
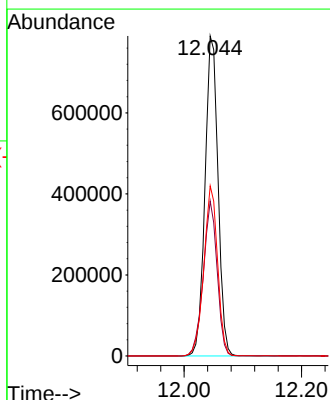
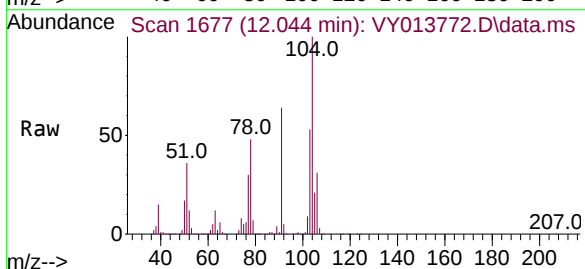
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

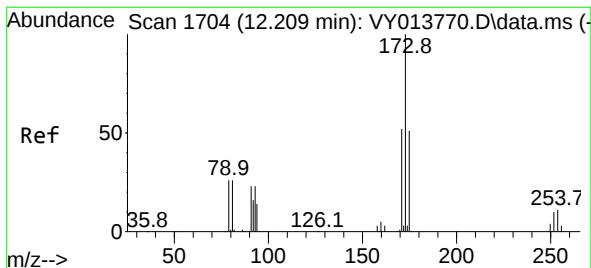
Tgt Ion:106 Resp: 712523
Ion Ratio Lower Upper
106 100
91 217.5 108.4 325.2



#70
Styrene
Concen: 156.001 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:104 Resp: 1215371
Ion Ratio Lower Upper
104 100
78 51.3 40.6 61.0
103 56.1 44.6 66.8





#71

Bromoform

Concen: 153.042 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

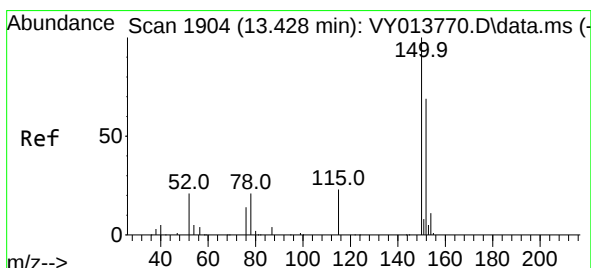
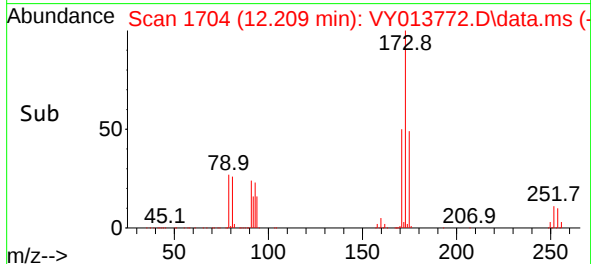
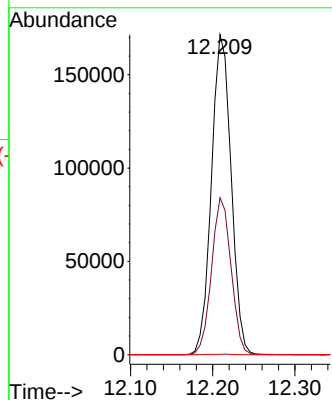
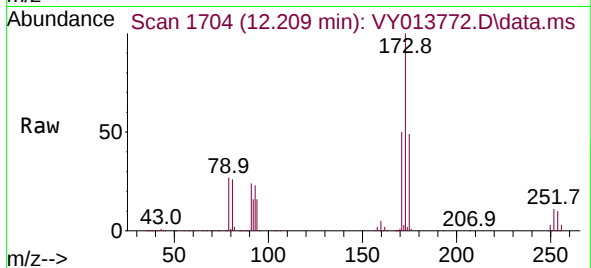
Tgt Ion:173 Resp: 284625

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

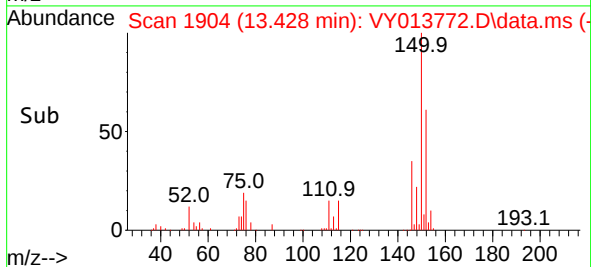
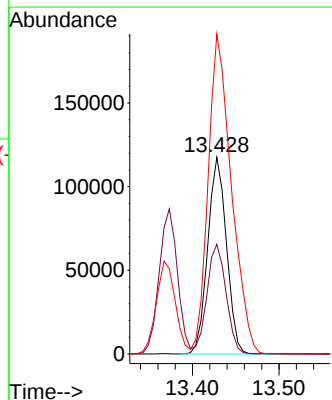
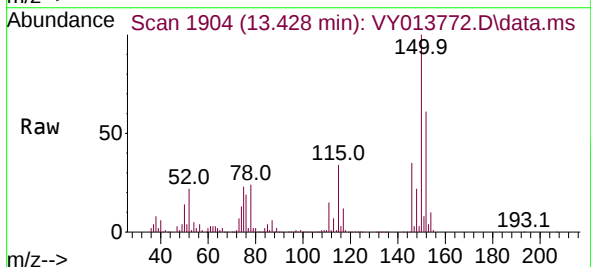
Tgt Ion:152 Resp: 176640

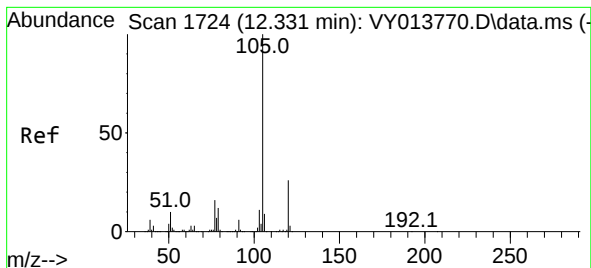
Ion Ratio Lower Upper

152 100

115 56.8 28.5 85.5

150 201.6 0.0 347.0





#73

Isopropylbenzene

Concen: 160.092 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

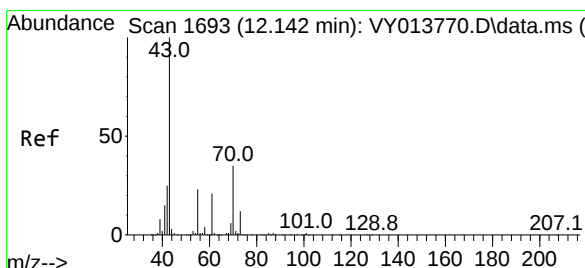
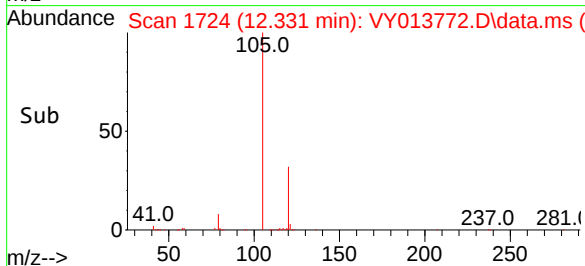
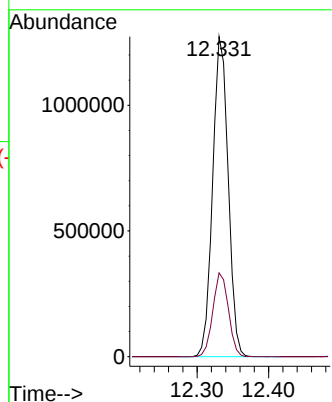
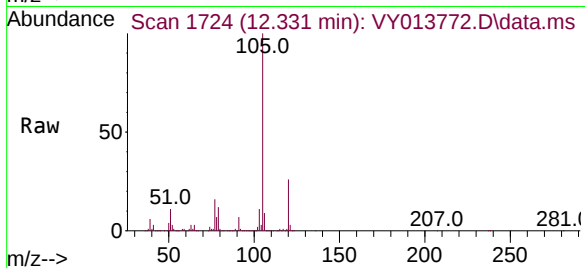
VSTDIC150

Tgt Ion:105 Resp: 1914448

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 166.915 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Tgt Ion: 43 Resp: 677371

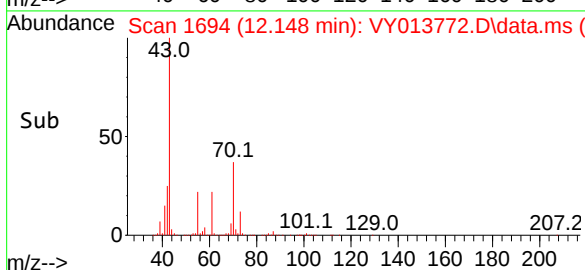
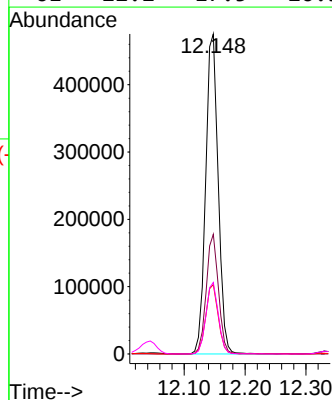
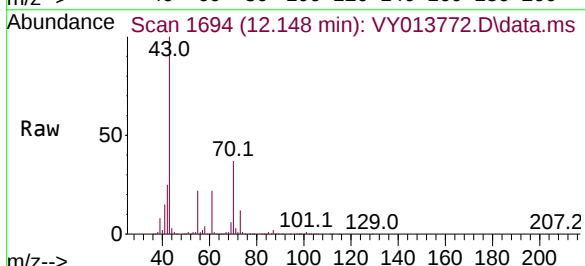
Ion Ratio Lower Upper

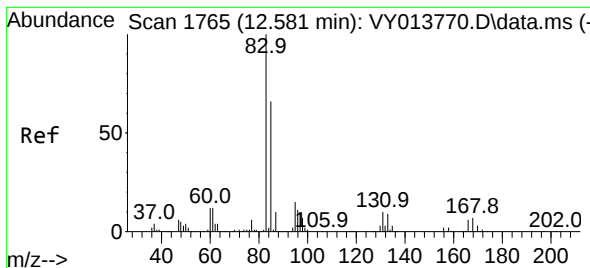
43 100

70 36.6 28.8 43.2

55 21.8 18.5 27.7

61 22.2 17.5 26.3

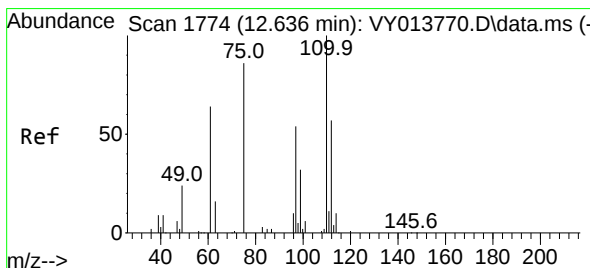
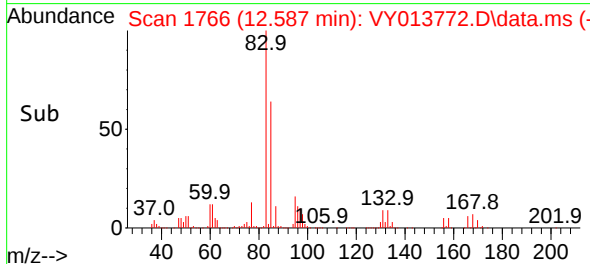
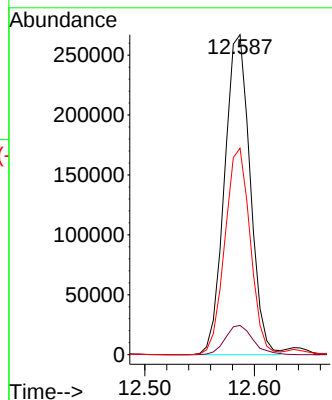
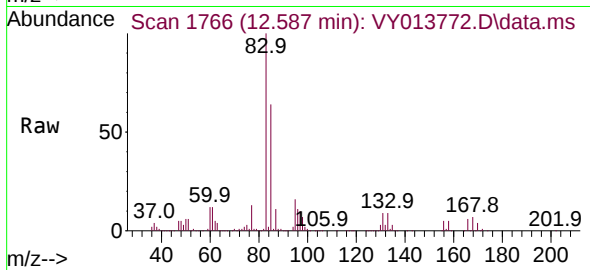




#75
 1,1,2,2-Tetrachloroethane
 Concen: 153.179 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

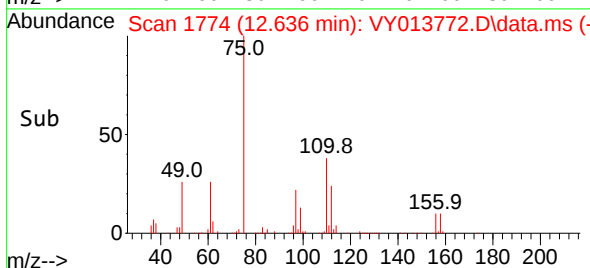
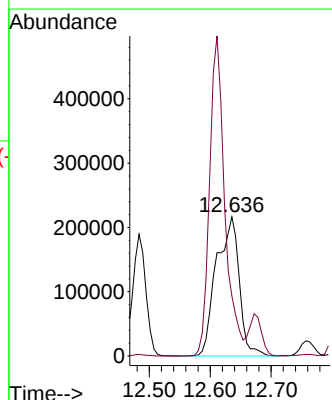
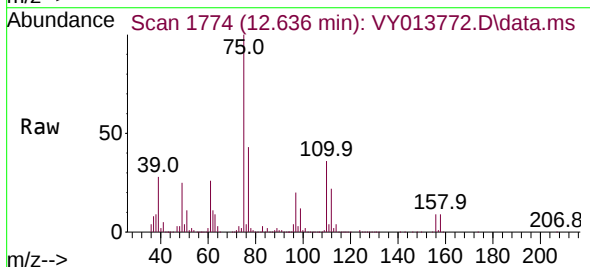
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

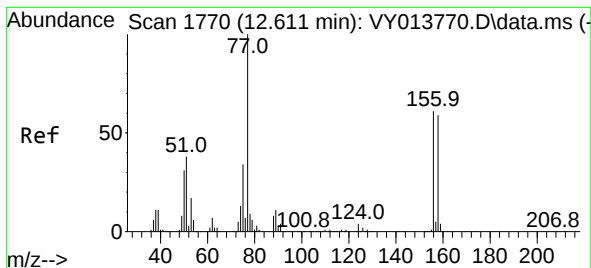
Tgt Ion: 83 Resp: 433934
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.2
 85 64.0 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 263.482 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

Tgt Ion: 75 Resp: 561902
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.962 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

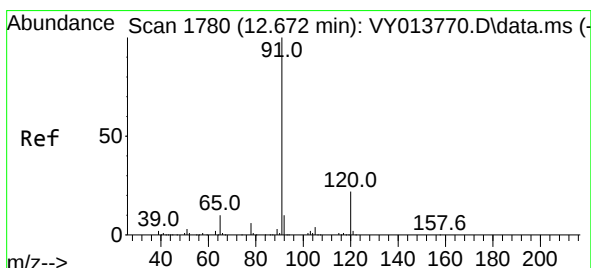
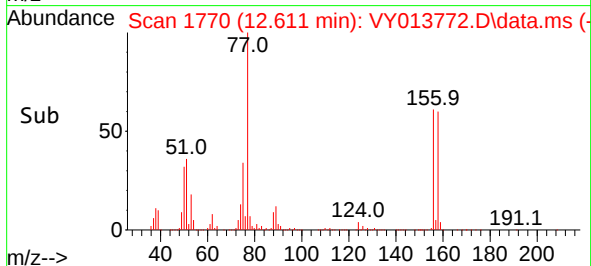
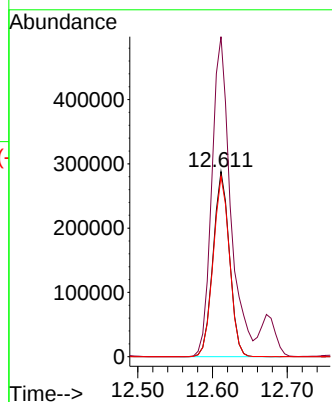
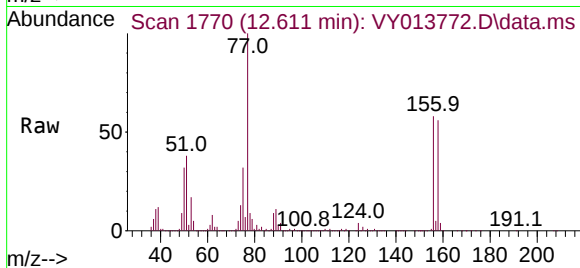
Tgt Ion:156 Resp: 438369

Ion Ratio Lower Upper

156 100

77 197.2 97.1 291.3

158 97.3 49.1 147.3



#78

n-propylbenzene

Concen: 156.276 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013772.D

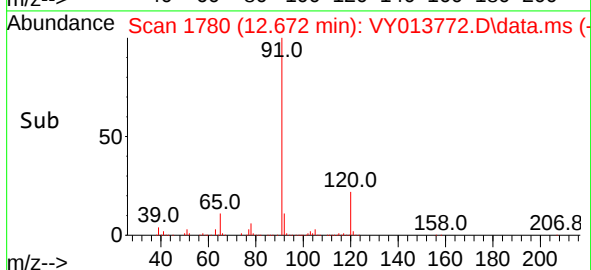
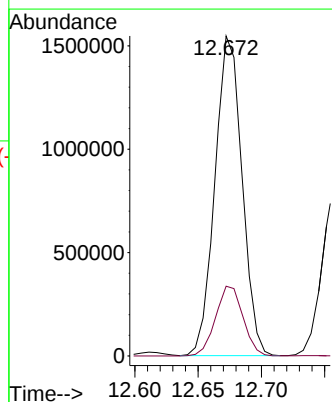
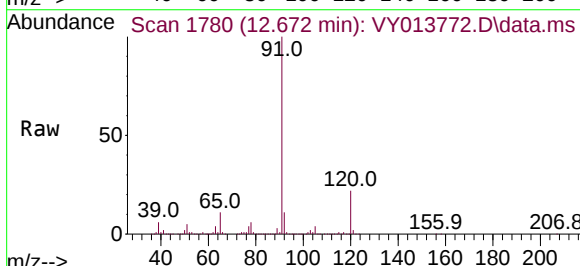
Acq: 17 May 2023 12:07

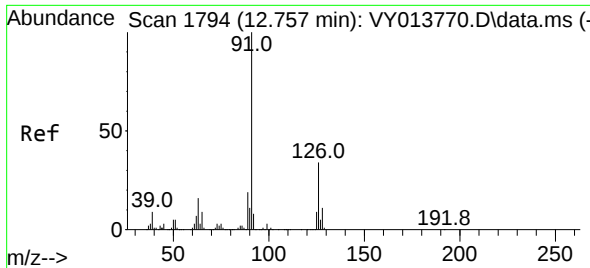
Tgt Ion: 91 Resp: 2302069

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9

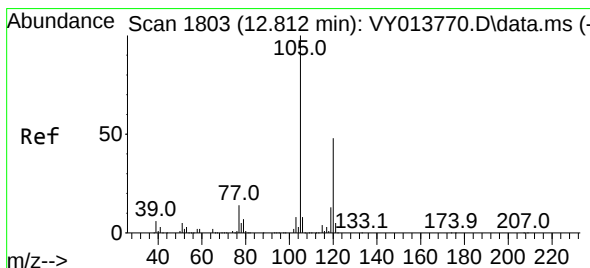
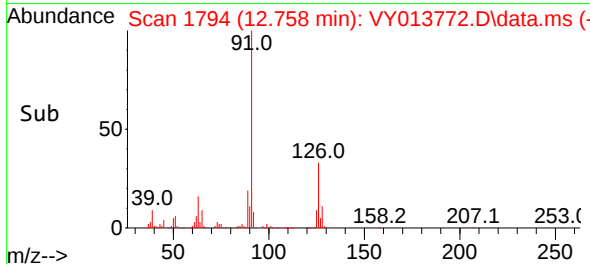
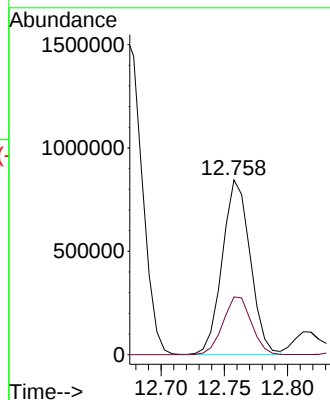
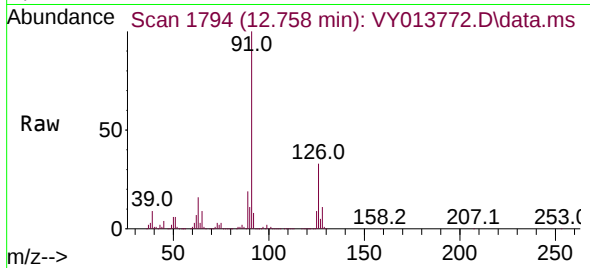




#79
2-Chlorotoluene
Concen: 156.028 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

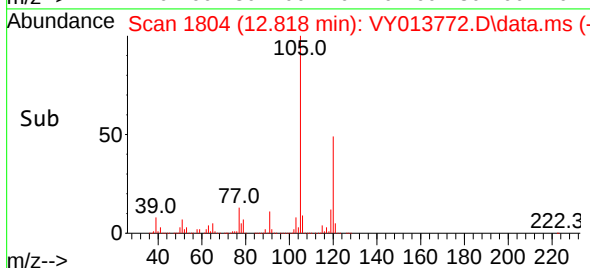
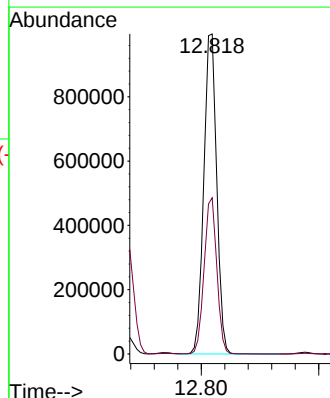
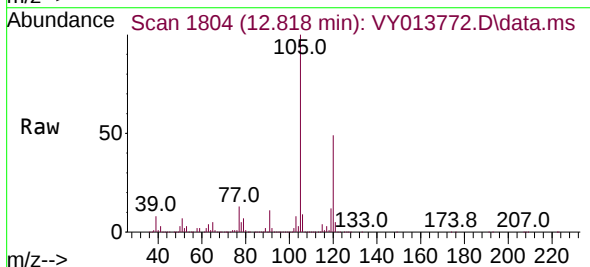
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

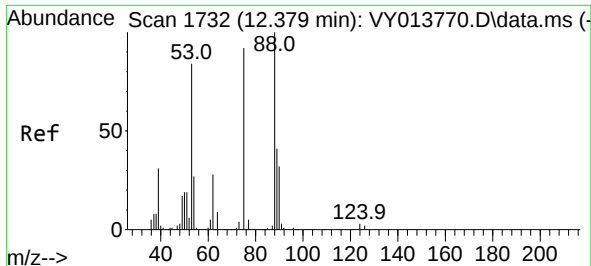
Tgt Ion: 91 Resp: 1297177
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 155.132 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:105 Resp: 1512701
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5

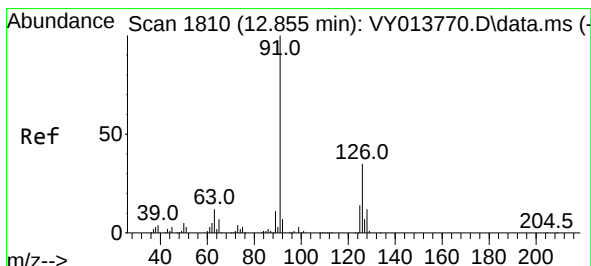
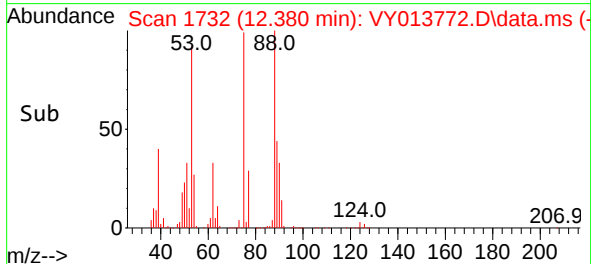
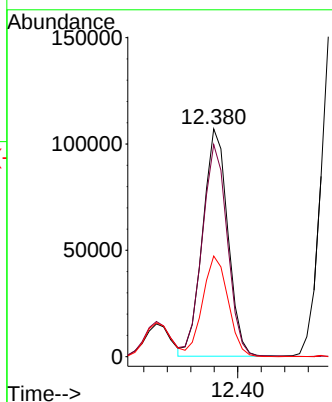
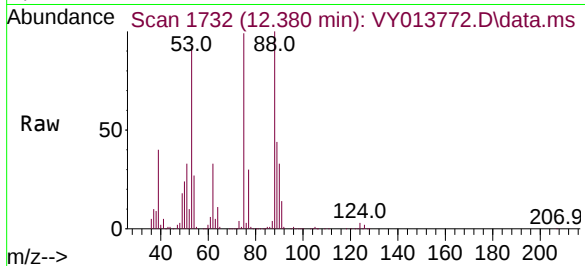




#81
trans-1,4-Dichloro-2-butene
Concen: 165.267 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

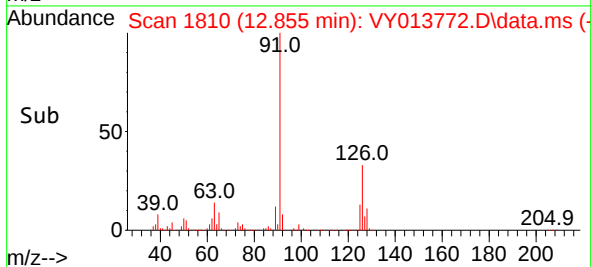
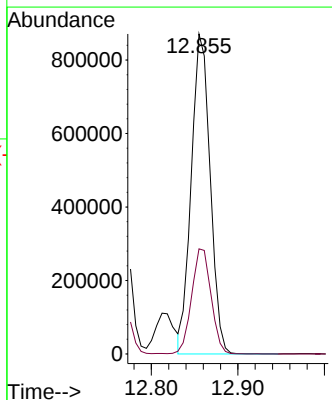
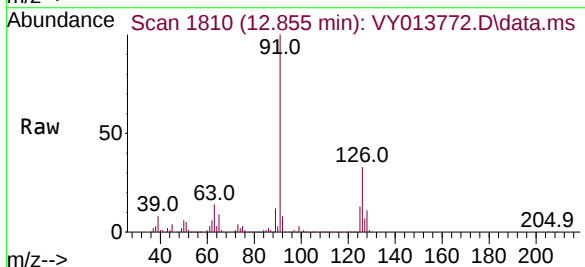
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

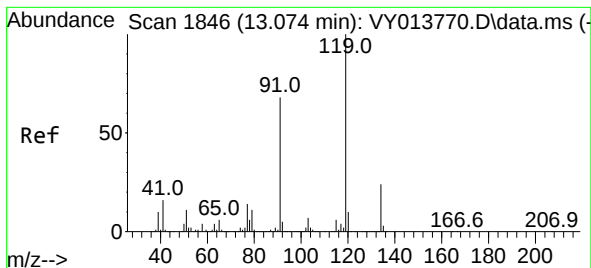
Tgt Ion: 75 Resp: 158693
Ion Ratio Lower Upper
75 100
53 93.9 75.3 112.9
89 44.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 152.169 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion: 91 Resp: 1317821
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4





#83

tert-Butylbenzene

Concen: 160.257 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

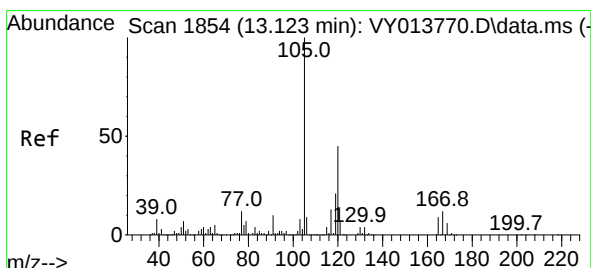
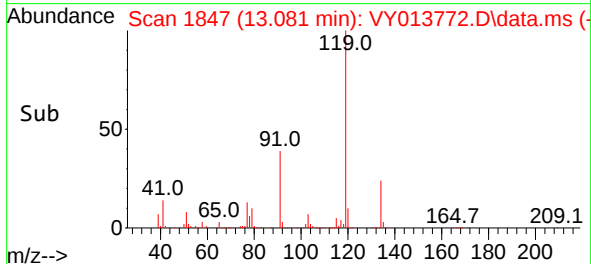
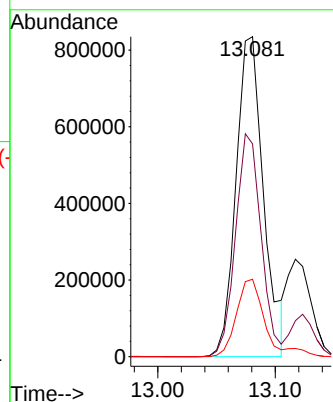
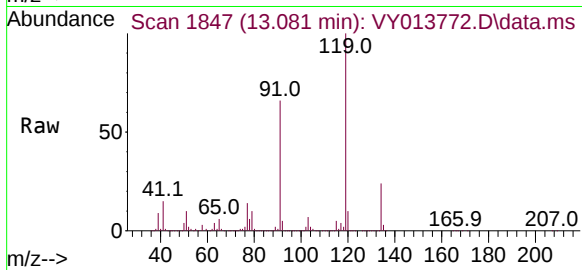
Tgt Ion:119 Resp: 1360822

Ion Ratio Lower Upper

119 100

91 65.1 33.3 99.9

134 25.3 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 154.978 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013772.D

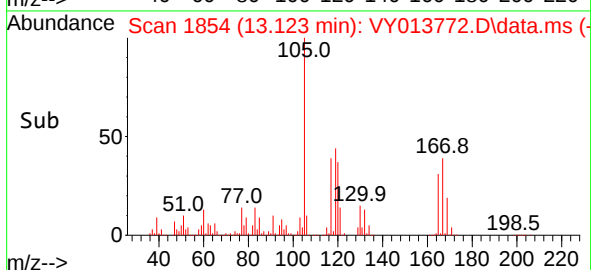
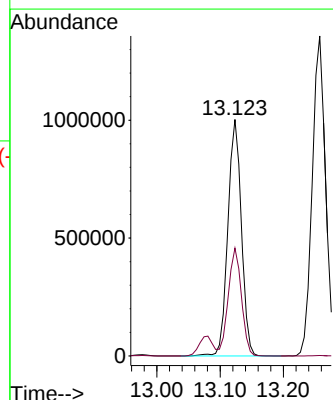
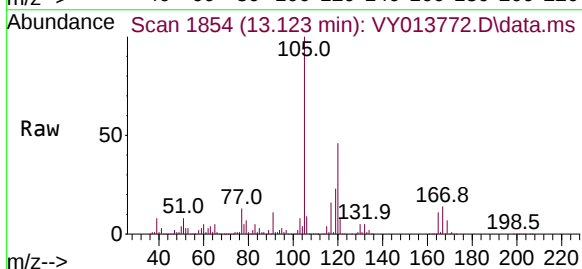
Acq: 17 May 2023 12:07

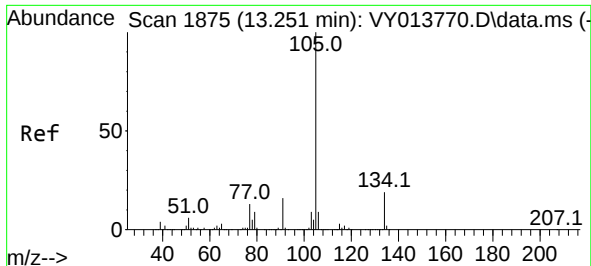
Tgt Ion:105 Resp: 1481130

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6

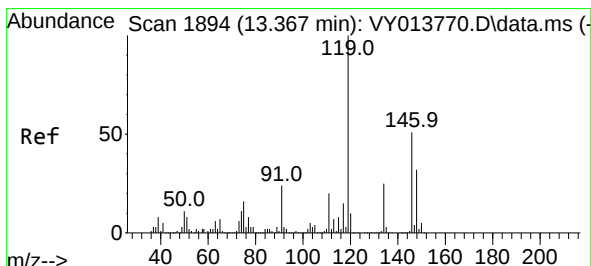
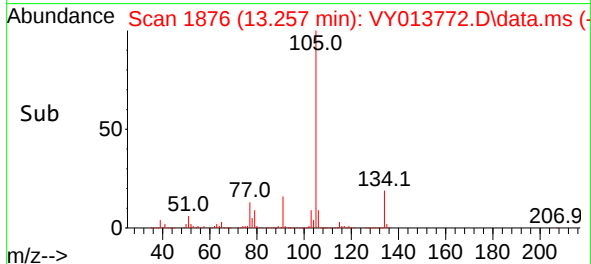
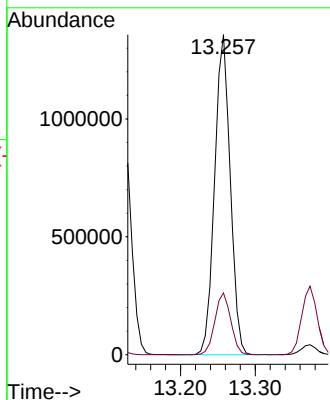
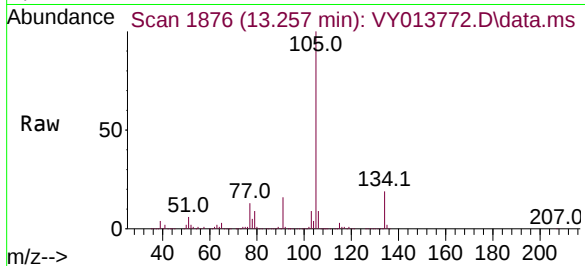




#85
 sec-Butylbenzene
 Concen: 154.196 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

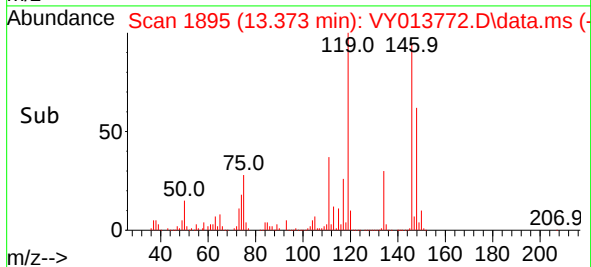
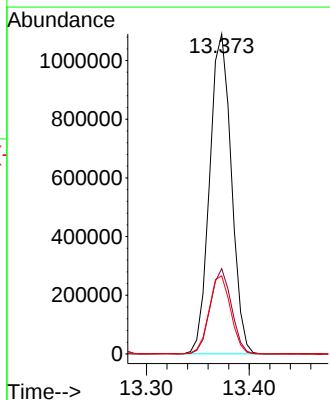
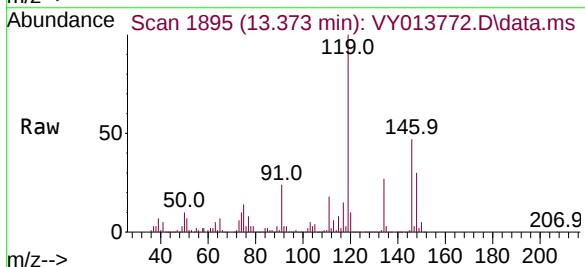
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

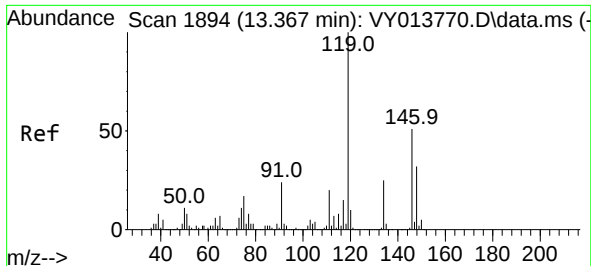
Tgt Ion:105 Resp: 1975575
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 154.551 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013772.D
 Acq: 17 May 2023 12:07

Tgt Ion:119 Resp: 1598950
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.6 11.8 35.4

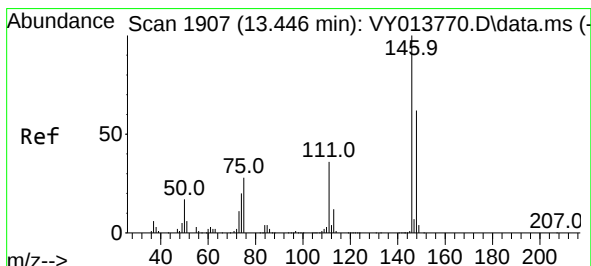
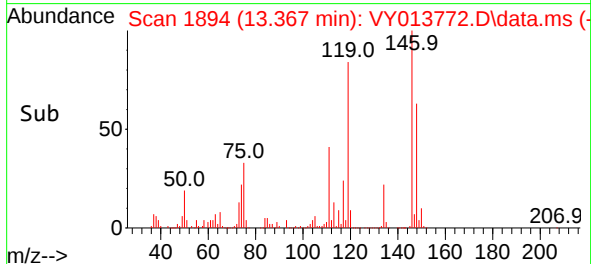
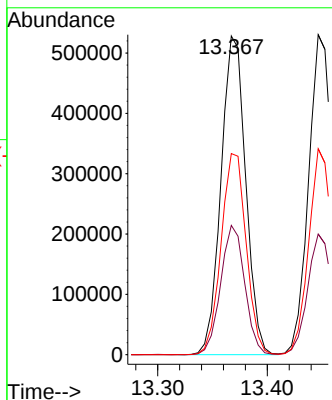
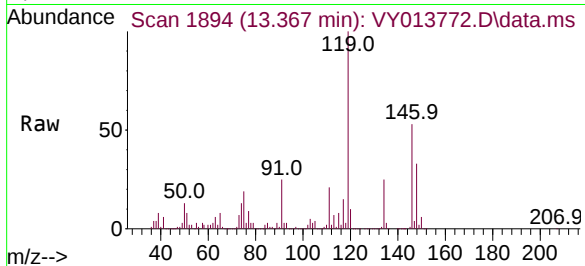




#87
1,3-Dichlorobenzene
Concen: 147.141 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

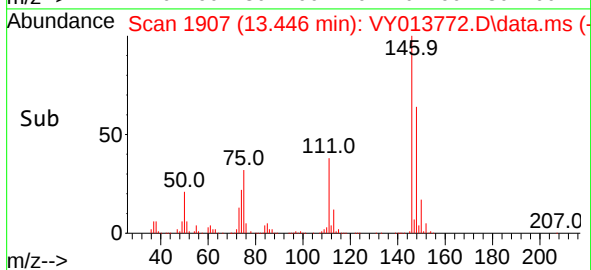
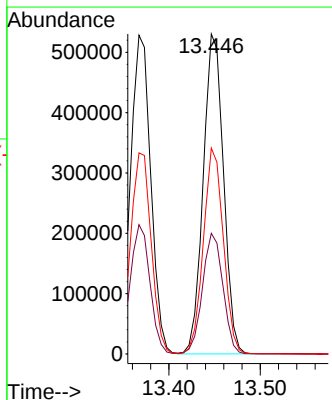
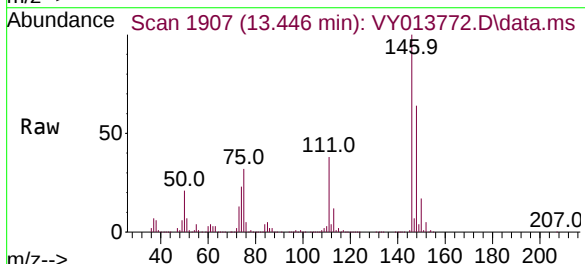
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

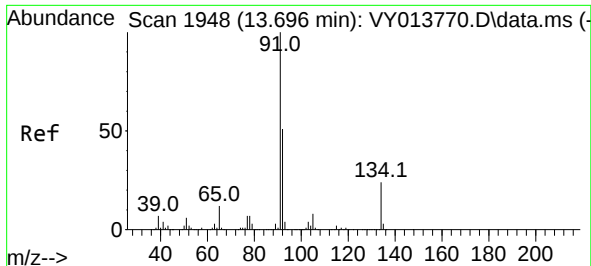
Tgt Ion:146 Resp: 826327
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 64.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 144.406 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013772.D
Acq: 17 May 2023 12:07

Tgt Ion:146 Resp: 815446
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 154.948 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

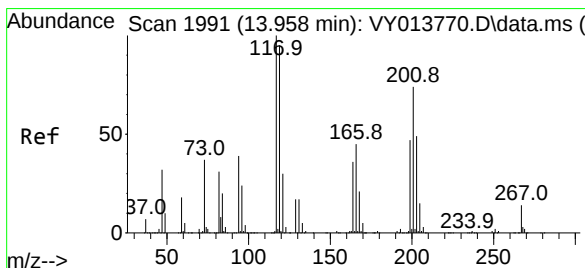
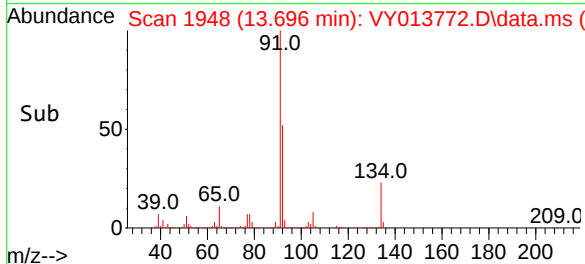
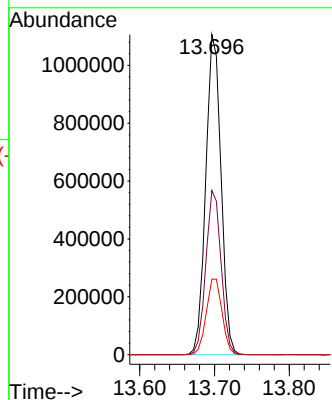
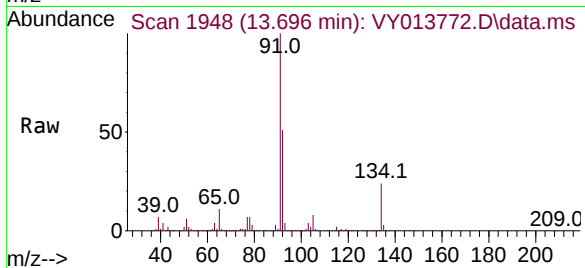
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1571647

Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.4	76.4
134	24.4	12.2	36.6



#90

Hexachloroethane

Concen: 148.340 ug/l

RT: 13.965 min Scan# 1992

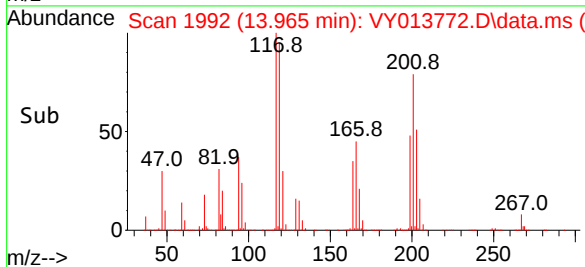
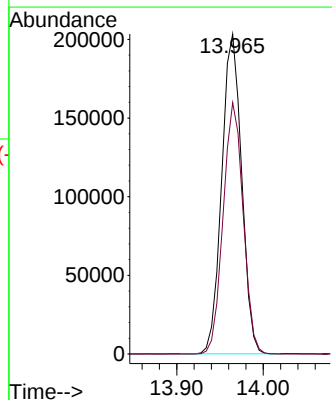
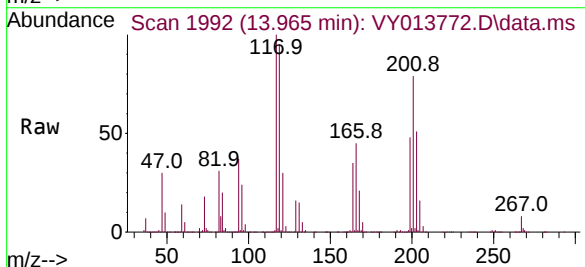
Delta R.T. 0.006 min

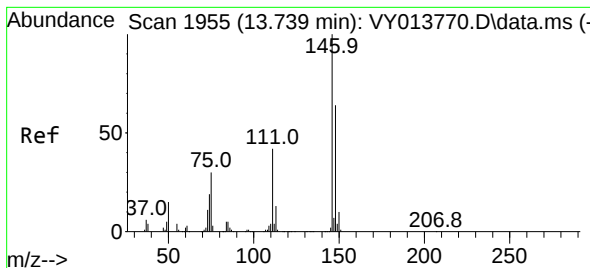
Lab File: VY013772.D

Acq: 17 May 2023 12:07

Tgt Ion: 117 Resp: 324309

Ion	Ratio	Lower	Upper
117	100		
201	78.9	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 148.941 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

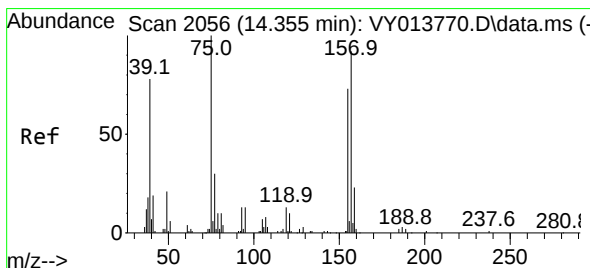
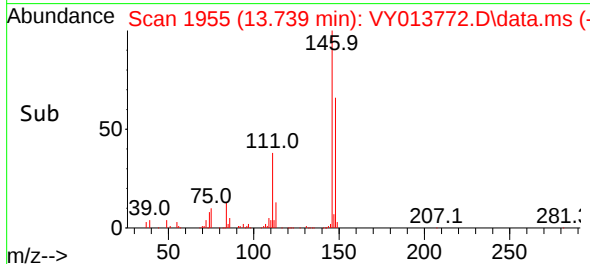
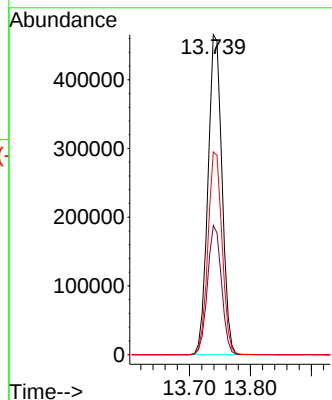
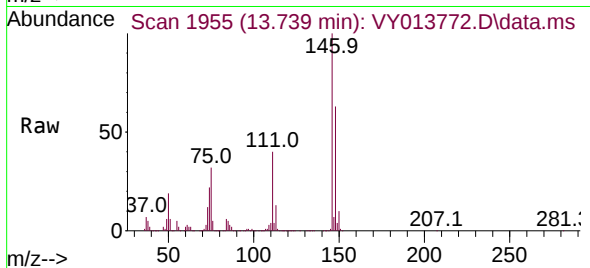
Tgt Ion:146 Resp: 744830

Ion Ratio Lower Upper

146 100

111 40.3 20.0 59.9

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 152.484 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

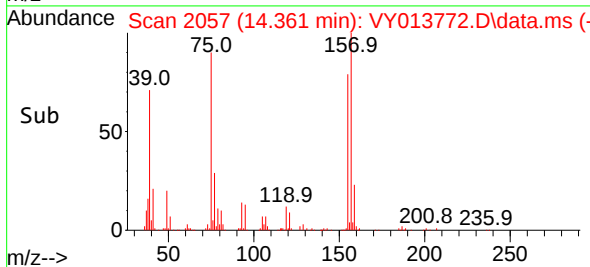
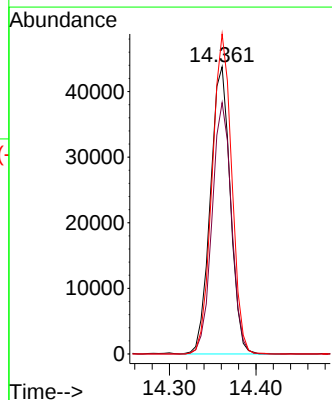
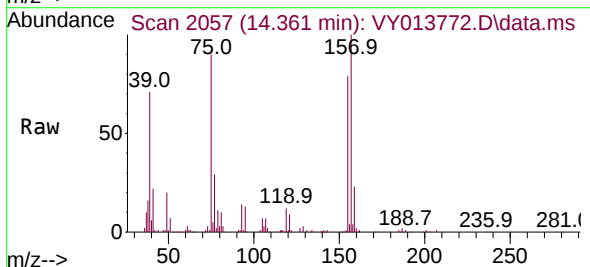
Tgt Ion: 75 Resp: 69992

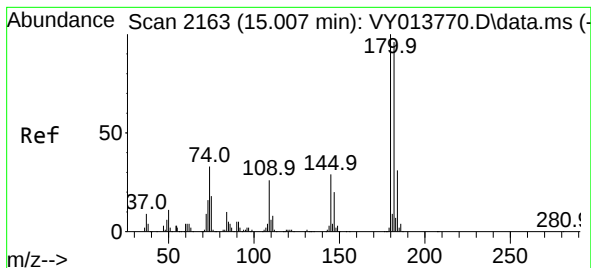
Ion Ratio Lower Upper

75 100

155 85.2 39.1 117.3

157 109.7 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 152.992 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

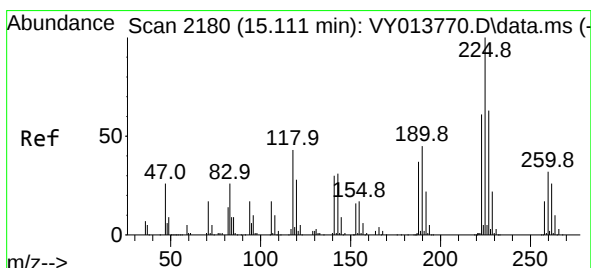
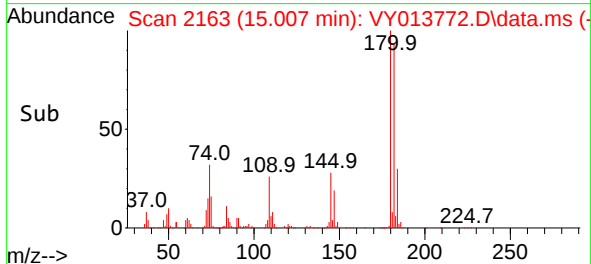
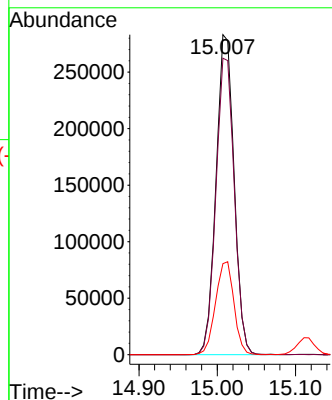
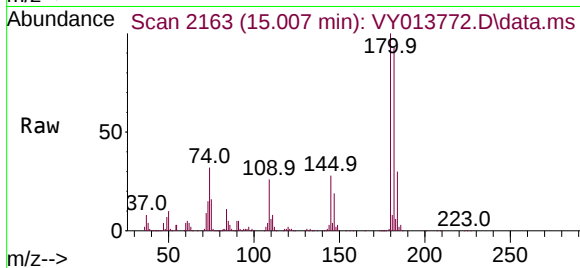
Tgt Ion:180 Resp: 454022

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.3

145 29.7 14.9 44.9



#94

Hexachlorobutadiene

Concen: 137.604 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

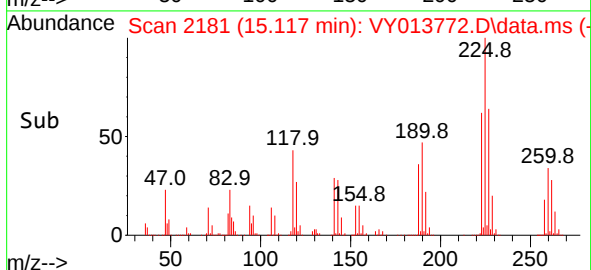
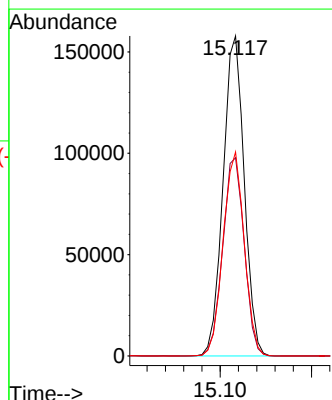
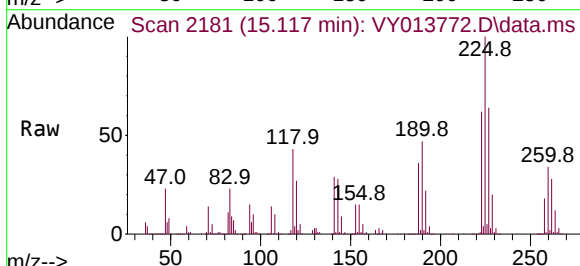
Tgt Ion:225 Resp: 253674

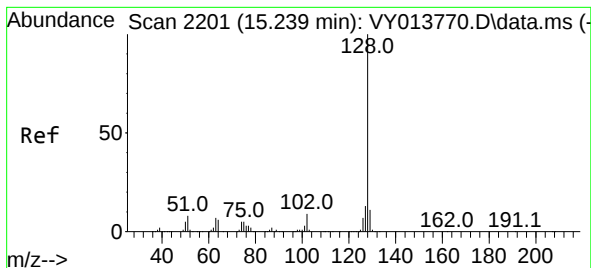
Ion Ratio Lower Upper

225 100

223 63.1 30.6 91.6

227 63.8 31.6 94.7





#95

Naphthalene

Concen: 168.240 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

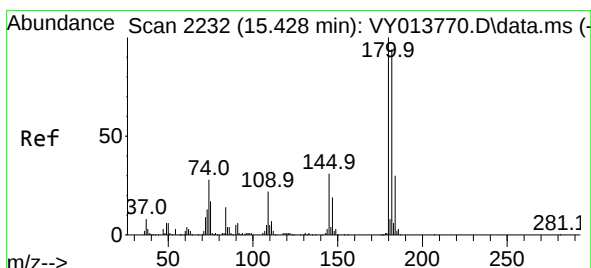
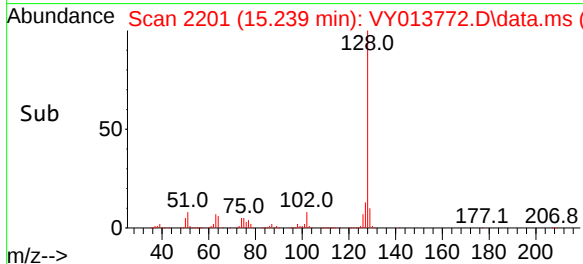
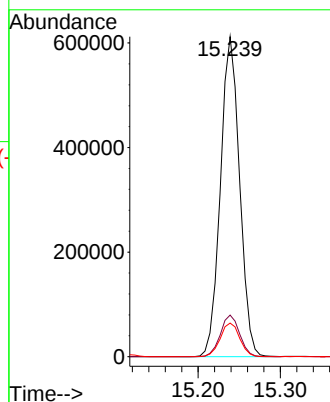
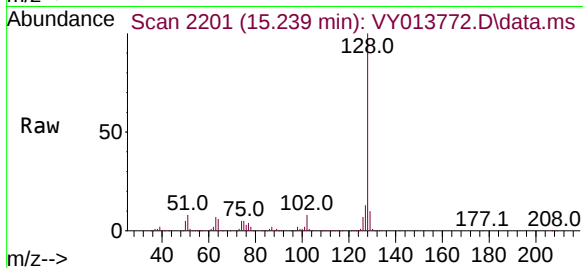
Tgt Ion:128 Resp: 990922

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 148.353 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013772.D

Acq: 17 May 2023 12:07

Tgt Ion:180 Resp: 396105

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.4

145 31.5 15.6 46.7

