

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080123\
 Data File : VY014924.D
 Acq On : 01 Aug 2023 12:12
 Operator : SY/MD
 Sample : VY0801SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBS01

Quant Time: Aug 02 01:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	287403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	489112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	443209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	182669	55.776	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.560%			
35) Dibromofluoromethane	7.716	113	167730	53.871	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.740%			
50) Toluene-d8	10.179	98	584136	50.887	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.780%			
62) 4-Bromofluorobenzene	12.477	95	218791	49.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45900	19.603	ug/l	93
3) Chloromethane	2.113	50	61032	23.188	ug/l	100
4) Vinyl Chloride	2.247	62	69170	23.514	ug/l	98
5) Bromomethane	2.625	94	52188	26.846	ug/l	100
6) Chloroethane	2.784	64	47163	25.667	ug/l	99
7) Trichlorofluoromethane	3.119	101	101843	20.614	ug/l	95
8) Diethyl Ether	3.534	74	37508	20.405	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	58257	19.238	ug/l	95
10) Methyl Iodide	4.088	142	60114	20.209	ug/l	98
11) Tert butyl alcohol	4.954	59	88547	120.118	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	53264	18.820	ug/l	92
13) Acrolein	3.723	56	25570	74.699	ug/l	99
14) Allyl chloride	4.473	41	88521	17.616	ug/l	97
15) Acrylonitrile	5.155	53	109077	107.608	ug/l	99
16) Acetone	3.948	43	109194	105.214	ug/l	99
17) Carbon Disulfide	4.192	76	143402	17.698	ug/l	99
18) Methyl Acetate	4.473	43	89014	22.350	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	187944	20.443	ug/l	100
20) Methylene Chloride	4.710	84	86860	23.527	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	61427	19.125	ug/l	99
22) Diisopropyl ether	6.119	45	195084	19.095	ug/l	95
23) Vinyl Acetate	6.058	43	587245	96.051	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	114215	19.538	ug/l	95
25) 2-Butanone	6.984	43	160563	105.749	ug/l	94
26) 2,2-Dichloropropane	6.978	77	103855	18.641	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	75915	20.306	ug/l	94
28) Bromochloromethane	7.332	49	55475	22.034	ug/l	95
29) Tetrahydrofuran	7.344	42	101692	108.771	ug/l	93
30) Chloroform	7.502	83	121970	20.233	ug/l	97
31) Cyclohexane	7.783	56	93464	17.191	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	106628	19.653	ug/l	99
36) 1,1-Dichloropropene	7.917	75	85058	18.267	ug/l	99
37) Ethyl Acetate	7.076	43	64442	20.102	ug/l #	95
38) Carbon Tetrachloride	7.899	117	91898	18.671	ug/l	96
39) Methylcyclohexane	9.179	83	103645	17.086	ug/l	95
40) Benzene	8.155	78	253839	19.168	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	34172m	20.724	ug/l	
42) 1,2-Dichloroethane	8.234	62	86052	20.520	ug/l	95
43) Isopropyl Acetate	8.271	43	117866	19.301	ug/l	97
44) Trichloroethene	8.935	130	71571	19.317	ug/l	100
45) 1,2-Dichloropropane	9.209	63	66143	19.128	ug/l	99
46) Dibromomethane	9.301	93	42804	20.405	ug/l	94
47) Bromodichloromethane	9.496	83	95451	19.306	ug/l	98
48) Methyl methacrylate	9.289	41	51854	18.871	ug/l	93
49) 1,4-Dioxane	9.295	88	14409	421.243	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	332553	103.718	ug/l	95
52) Toluene	10.240	92	162142	19.134	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	99567	18.410	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	108572	18.461	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	60011	20.537	ug/l	95
56) Ethyl methacrylate	10.508	69	85303	19.119	ug/l	90
57) 1,3-Dichloropropane	10.788	76	100268	19.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	214953	103.400	ug/l	94
59) 2-Hexanone	10.831	43	242587	103.748	ug/l	93
60) Dibromochloromethane	10.984	129	71040	19.829	ug/l	100
61) 1,2-Dibromoethane	11.087	107	58815	20.176	ug/l	99
64) Tetrachloroethene	10.715	164	68090	19.102	ug/l	98
65) Chlorobenzene	11.514	112	179145	18.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	67515	18.959	ug/l	97
67) Ethyl Benzene	11.587	91	317411	18.614	ug/l	100
68) m/p-Xylenes	11.697	106	241366	37.080	ug/l	96
69) o-Xylene	12.026	106	117744	18.571	ug/l	99
70) Styrene	12.044	104	202938	18.991	ug/l	98
71) Bromoform	12.203	173	46582	19.298	ug/l #	97
73) Isopropylbenzene	12.325	105	310092	17.512	ug/l	100
74) N-amyl acetate	12.142	43	102542	17.290	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	76094	18.844	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	53358m	18.682	ug/l	
77) Bromobenzene	12.605	156	75322	18.635	ug/l	99
78) n-propylbenzene	12.666	91	375384	17.593	ug/l	100
79) 2-Chlorotoluene	12.752	91	215119	17.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	261882	17.709	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	23577	15.983	ug/l	98
82) 4-Chlorotoluene	12.855	91	222084	17.546	ug/l	99
83) tert-Butylbenzene	13.075	119	229827	17.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	262416	18.082	ug/l	100
85) sec-Butylbenzene	13.251	105	341223	17.732	ug/l	100
86) p-Isopropyltoluene	13.367	119	280772	17.870	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	152496	19.385	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	150630	19.108	ug/l	98
89) n-Butylbenzene	13.690	91	268375	17.557	ug/l	97
90) Hexachloroethane	13.959	117	54550	16.903	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	138568	19.226	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14312	18.533	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	86191	18.838	ug/l	99
94) Hexachlorobutadiene	15.105	225	45670	18.164	ug/l	98
95) Naphthalene	15.233	128	200240	18.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	77225	18.992	ug/l	99

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QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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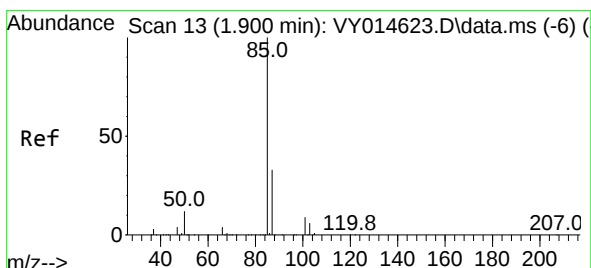
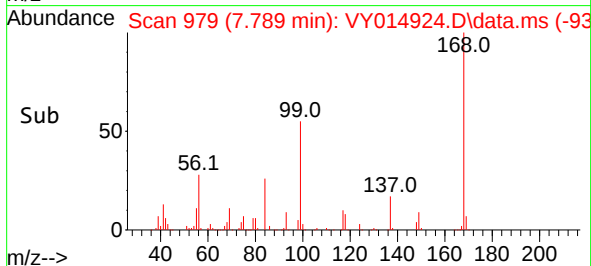
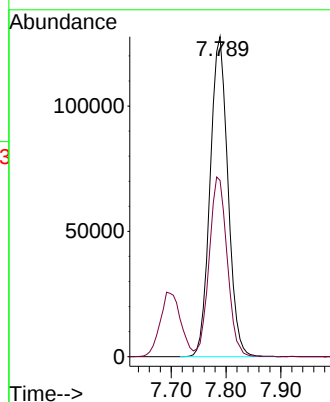
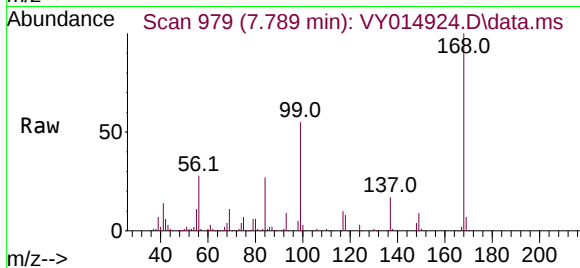
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014924.D
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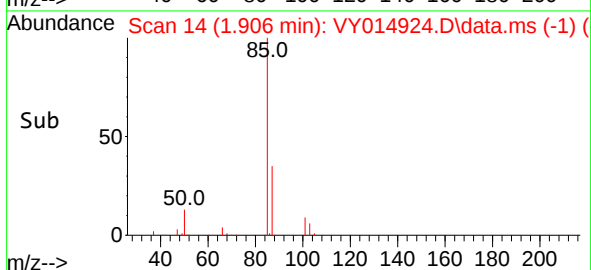
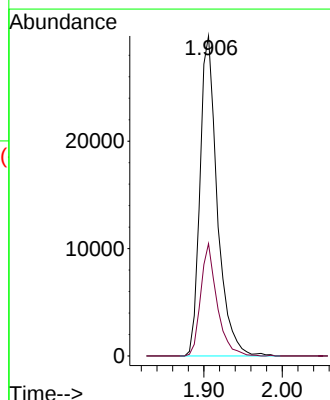
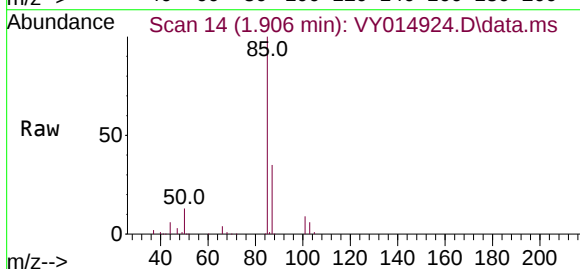
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBS01

Tgt Ion:168 Resp: 287403
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.603 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 85 Resp: 45900
Ion Ratio Lower Upper
85 100
87 35.1 15.6 46.8

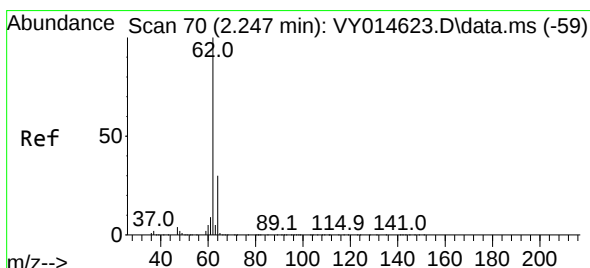
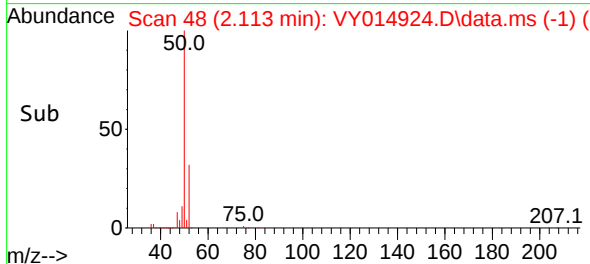
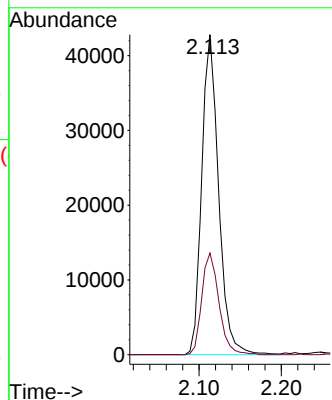
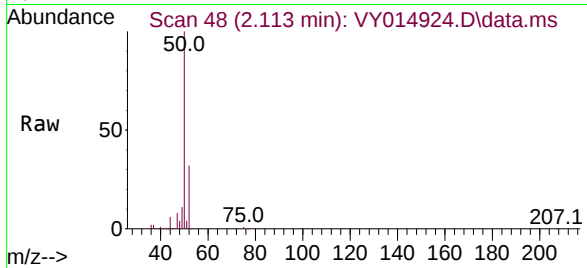




#3
Chloromethane
Concen: 23.188 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

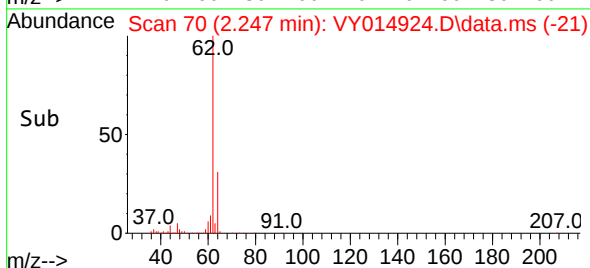
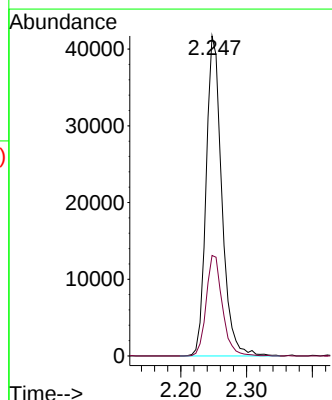
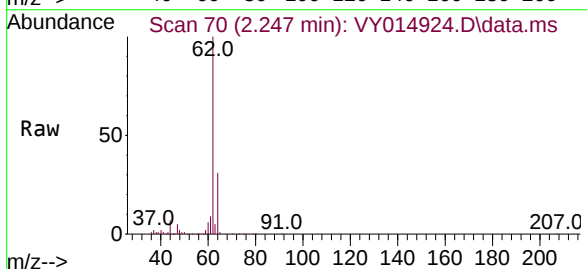
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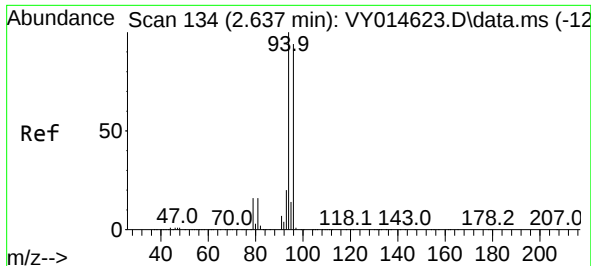
Tgt Ion: 50 Resp: 61032
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 23.514 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 62 Resp: 69170
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

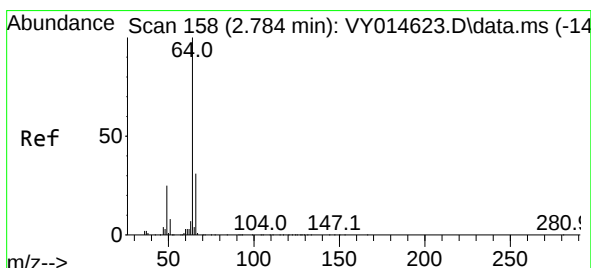
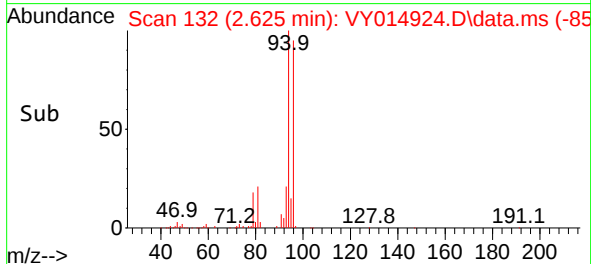
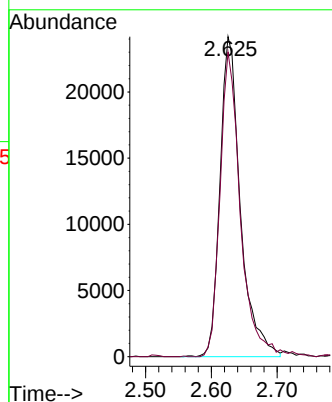
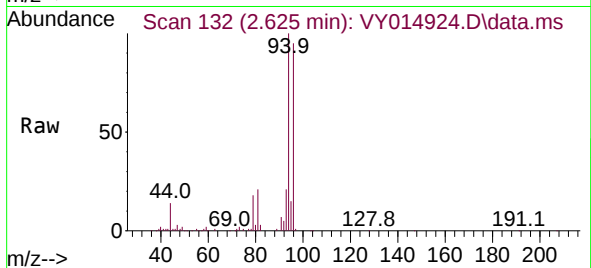




#5
Bromomethane
Concen: 26.846 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

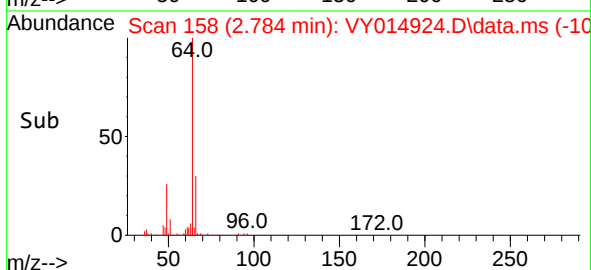
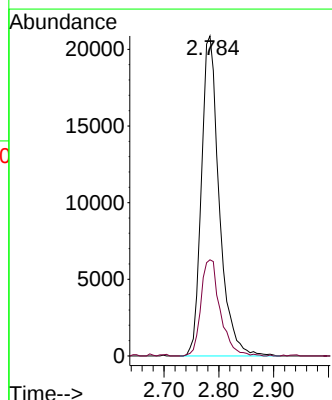
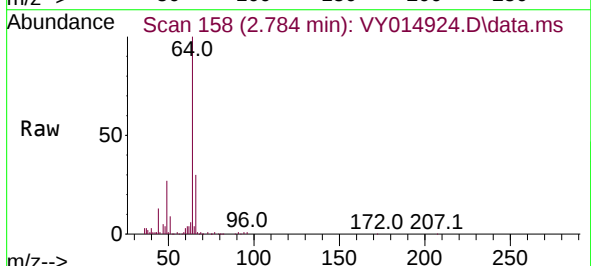
Instrument :
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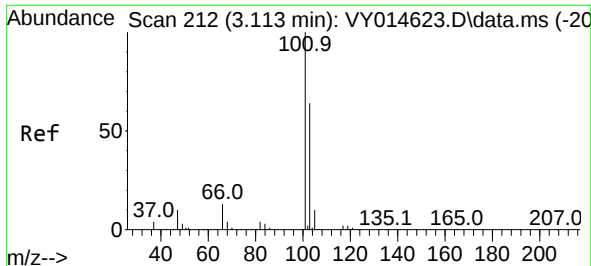
Tgt Ion: 94 Resp: 52188
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.6



#6
Chloroethane
Concen: 25.667 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 64 Resp: 47163
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6

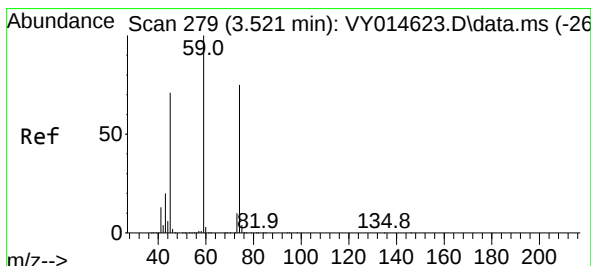
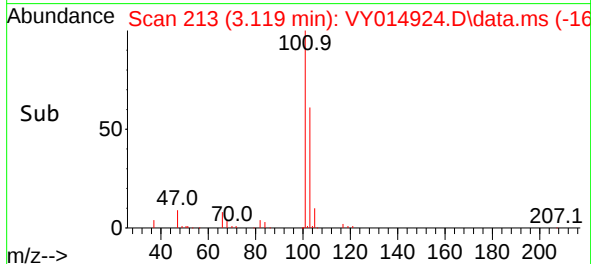
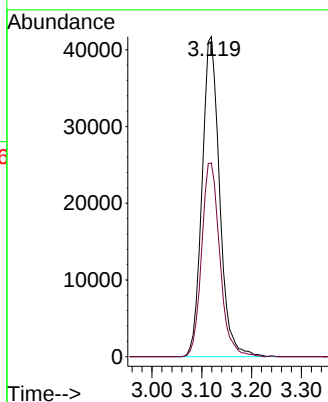
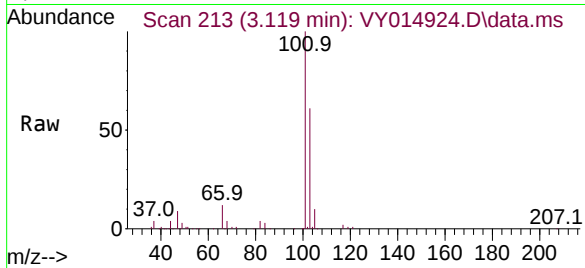




#7
 Trichlorofluoromethane
 Concen: 20.614 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

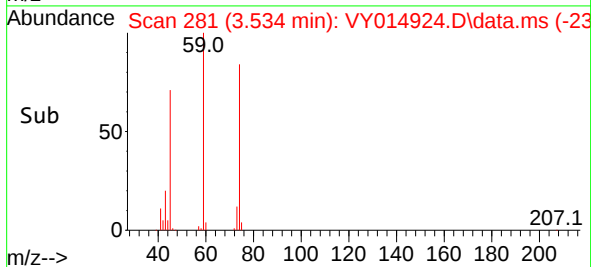
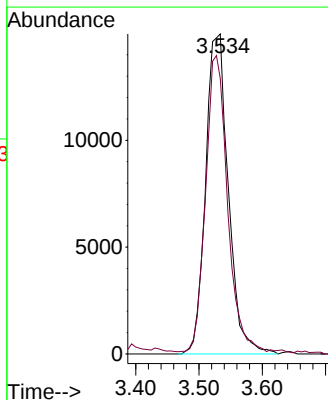
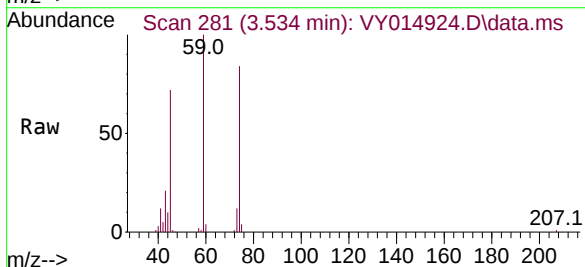
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Tgt Ion:101 Resp: 101843
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.405 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

Tgt Ion: 74 Resp: 37508
 Ion Ratio Lower Upper
 74 100
 45 88.8 51.5 154.5

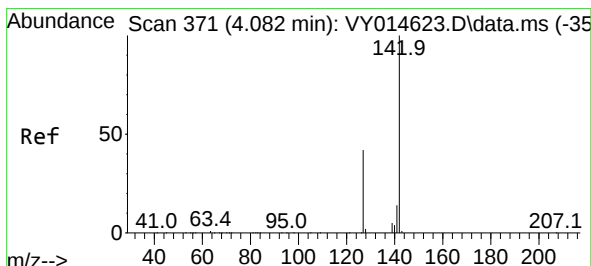
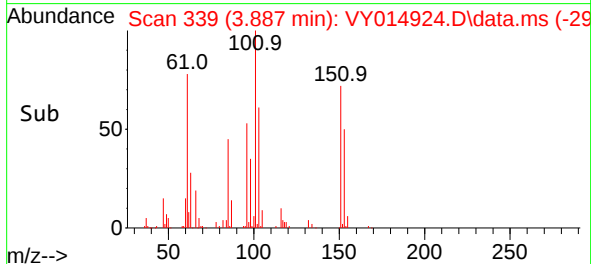
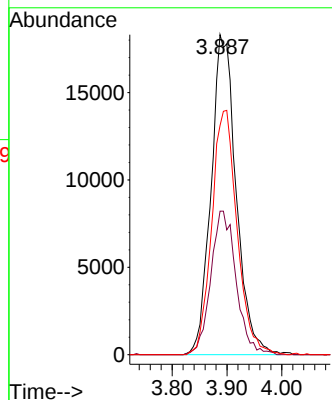
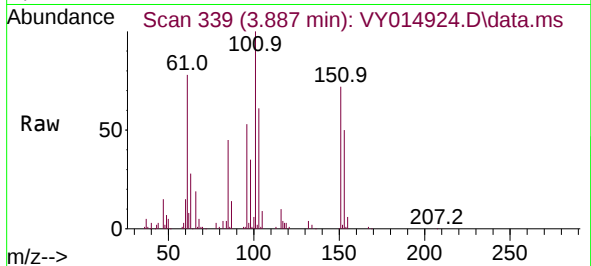




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.238 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014924.D
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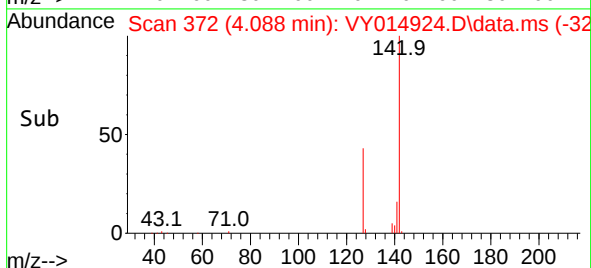
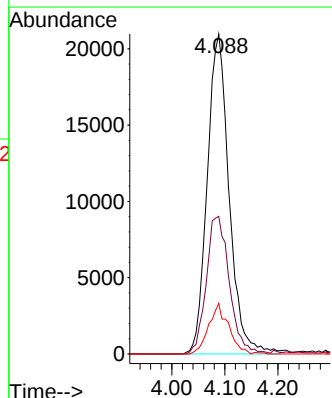
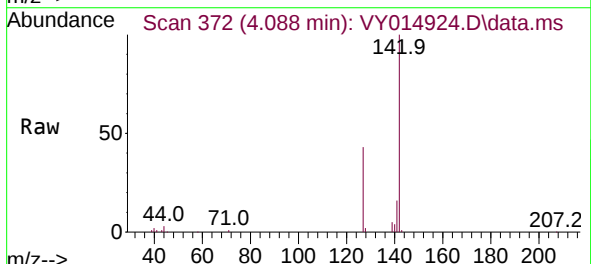
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Tgt Ion:101 Resp: 58257
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 77.2 67.0 100.6



#10
Methyl Iodide
Concen: 20.209 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion:142 Resp: 60114
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.3 11.8 17.8

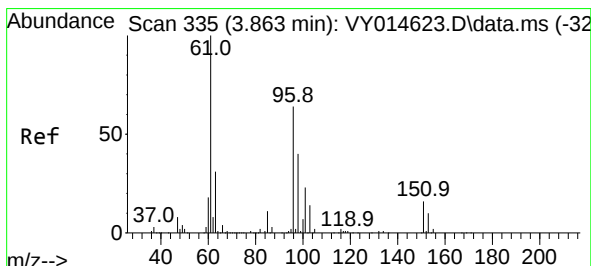
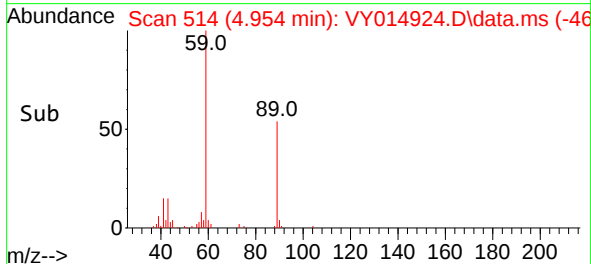
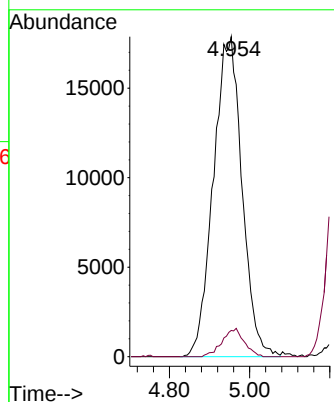
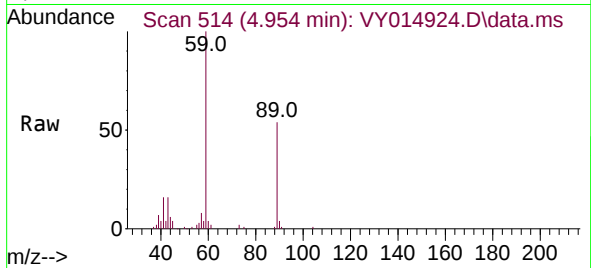




#11
Tert butyl alcohol
Concen: 120.118 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

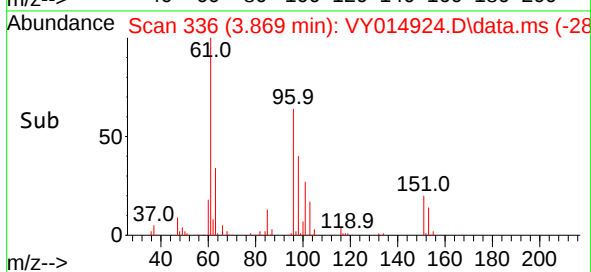
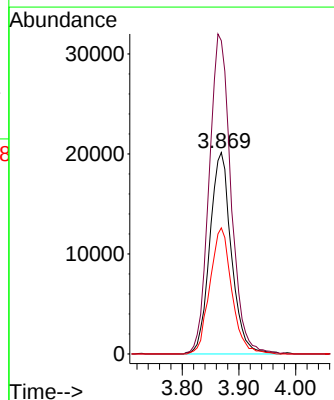
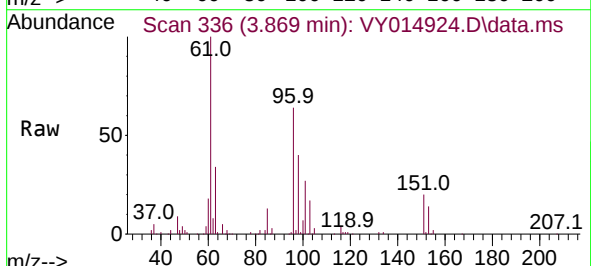
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBS01

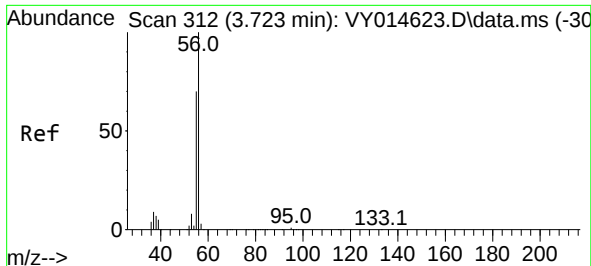
Tgt Ion: 59 Resp: 88547
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.820 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 96 Resp: 53264
Ion Ratio Lower Upper
96 100
61 155.5 136.4 204.6
98 62.6 49.4 74.2

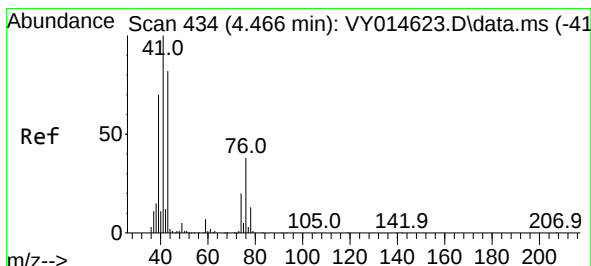
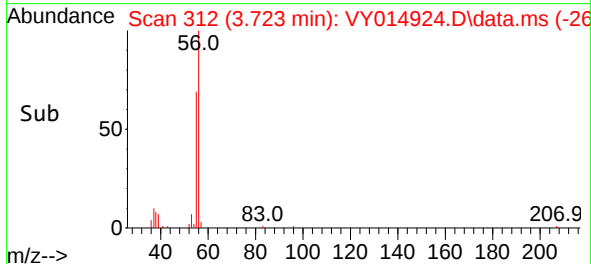
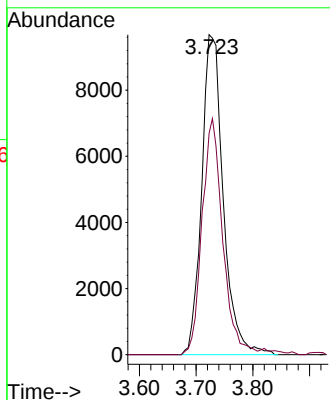
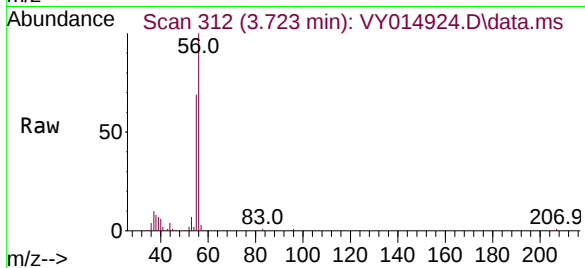




#13
Acrolein
Concen: 74.699 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

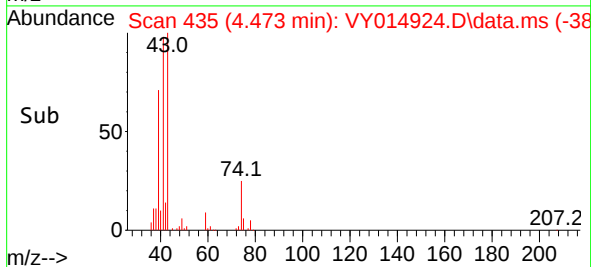
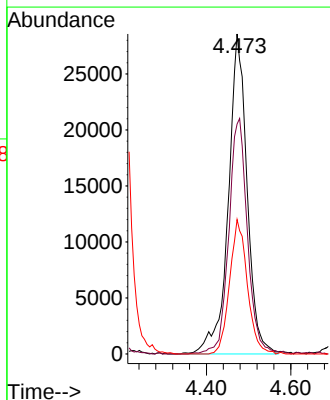
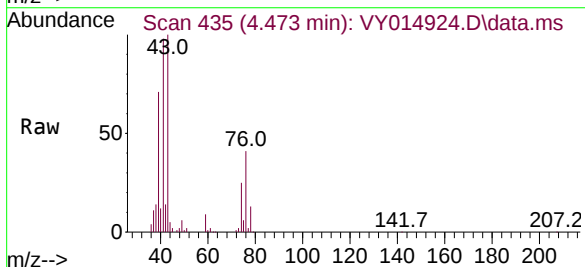
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

Tgt Ion: 56 Resp: 25570
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.4



#14
Allyl chloride
Concen: 17.616 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 41 Resp: 88521
Ion Ratio Lower Upper
41 100
39 73.0 58.0 87.0
76 39.5 27.4 41.2

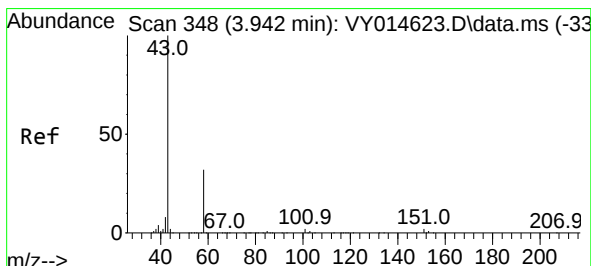
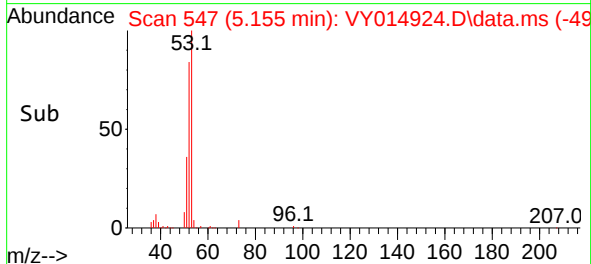
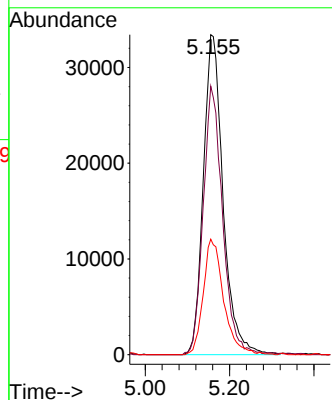
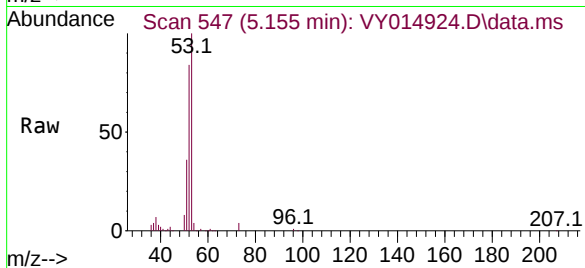




#15
Acrylonitrile
Concen: 107.608 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

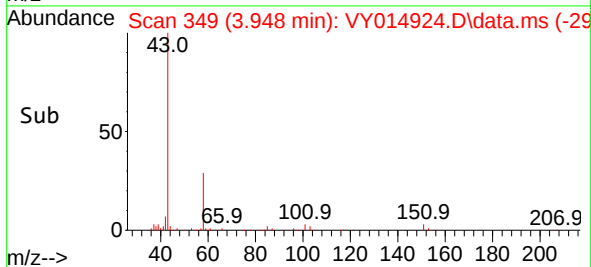
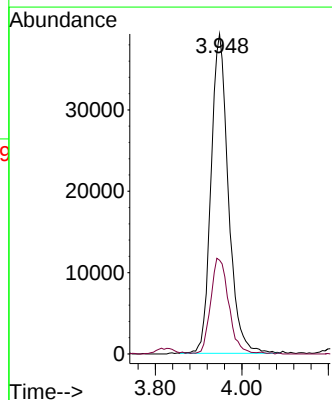
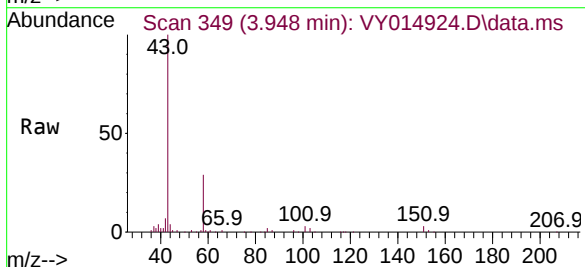
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

Tgt Ion: 53 Resp: 109077
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 105.214 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 43 Resp: 109194
Ion Ratio Lower Upper
43 100
58 29.1 22.7 34.1

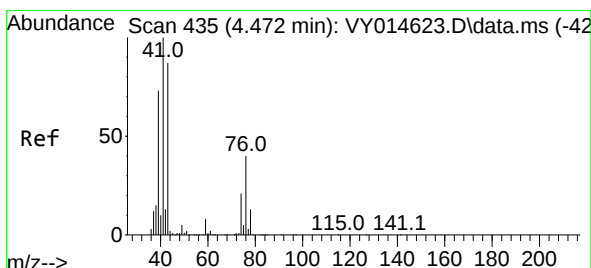
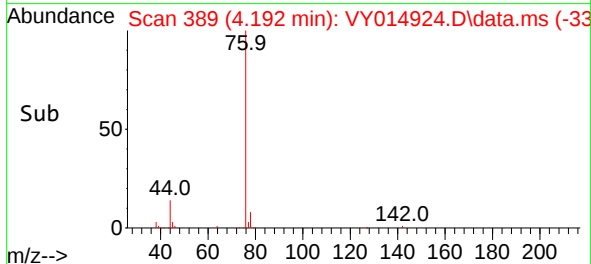
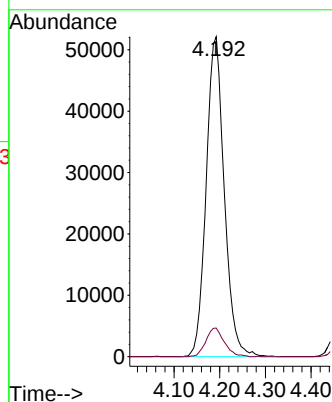
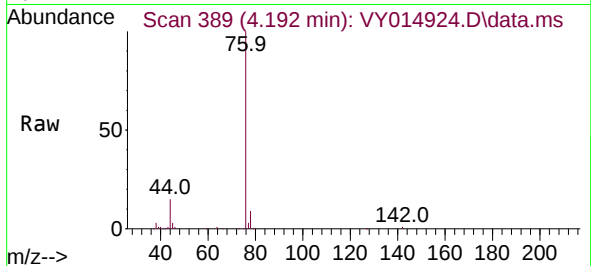




#17
Carbon Disulfide
Concen: 17.698 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

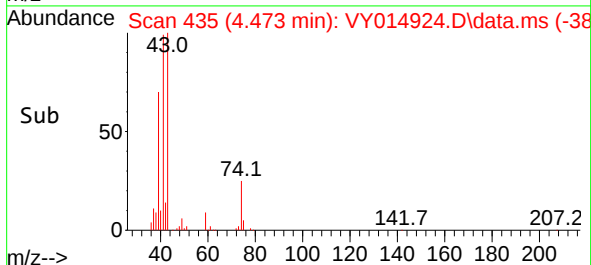
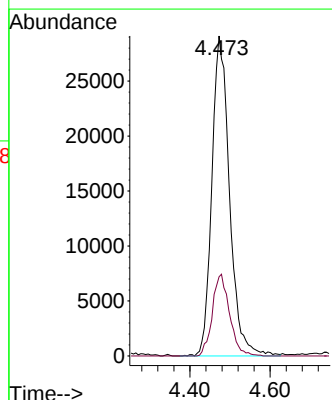
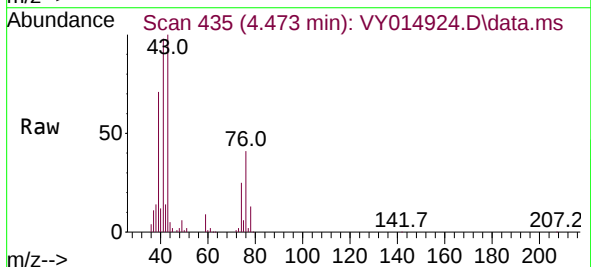
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

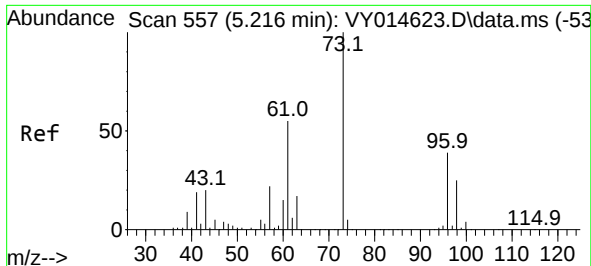
Tgt Ion: 76 Resp: 143402
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 22.350 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 43 Resp: 89014
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

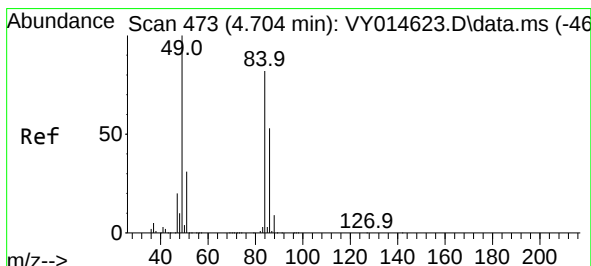
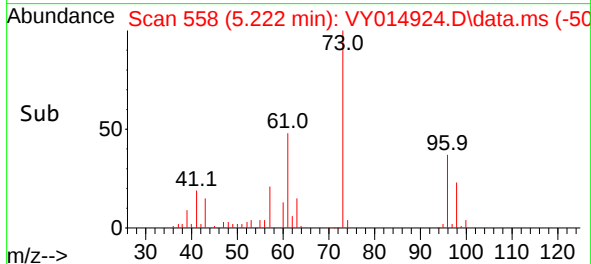
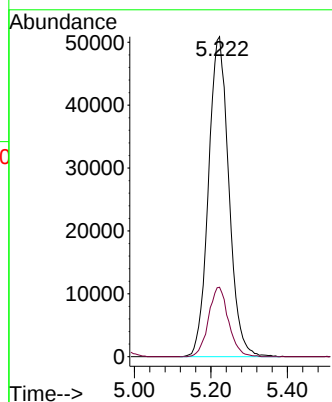
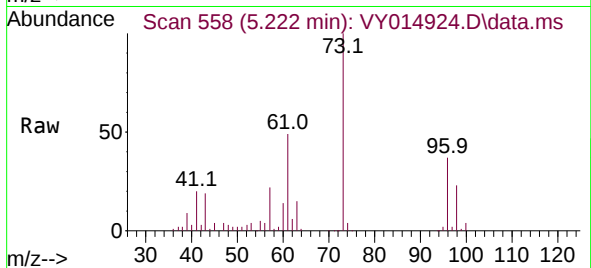




#19
Methyl tert-butyl Ether
Concen: 20.443 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

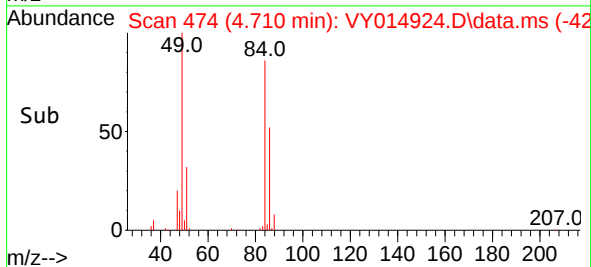
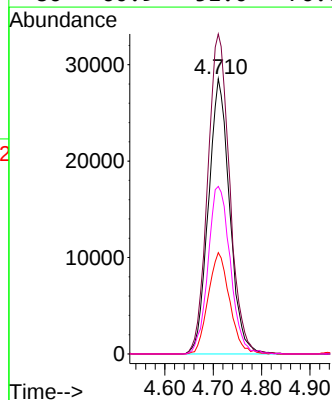
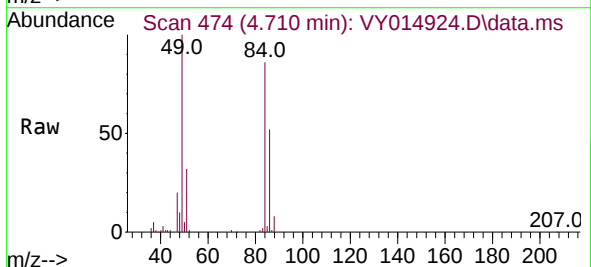
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBS01

Tgt Ion: 73 Resp: 187944
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 23.527 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 84 Resp: 86860
Ion Ratio Lower Upper
84 100
49 116.3 106.9 160.3
51 36.8 33.2 49.8
86 60.9 51.0 76.6

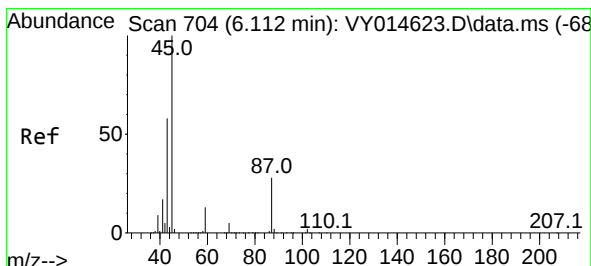
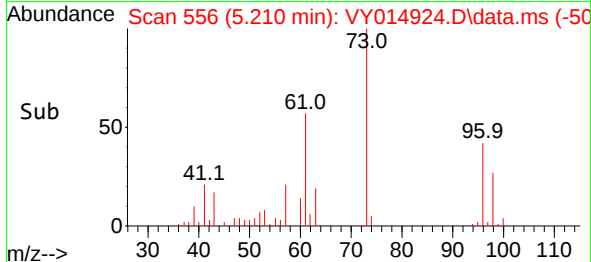
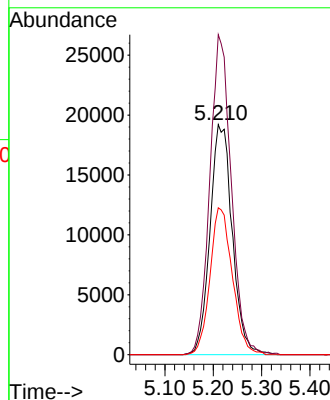
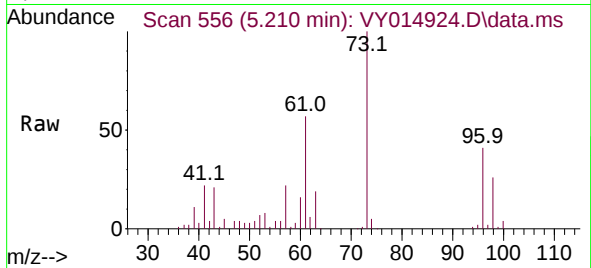




#21
trans-1,2-Dichloroethene
Concen: 19.125 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

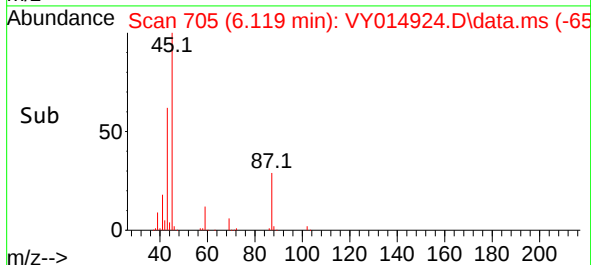
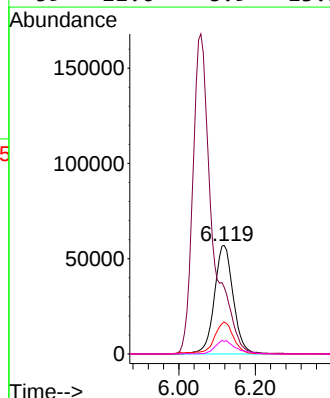
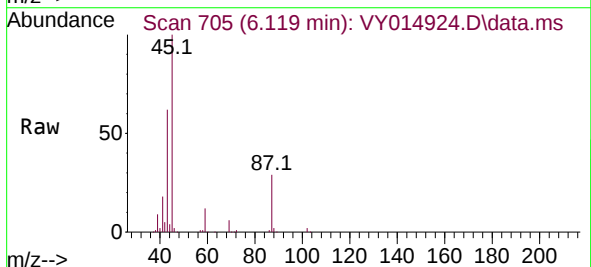
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBS01

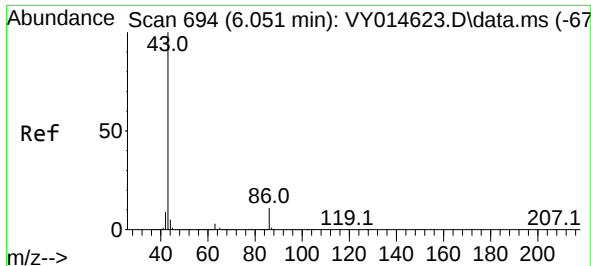
Tgt Ion: 96 Resp: 61427
Ion Ratio Lower Upper
96 100
61 139.1 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 19.095 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 45 Resp: 195084
Ion Ratio Lower Upper
45 100
43 60.9 52.2 78.4
87 29.3 21.0 31.6
59 11.6 8.9 13.3

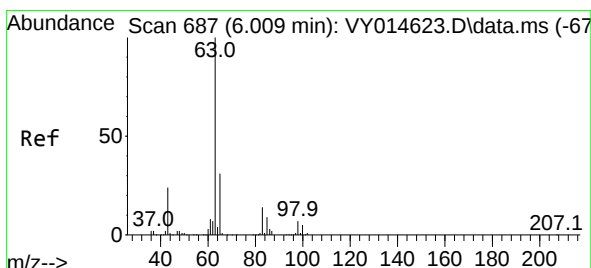
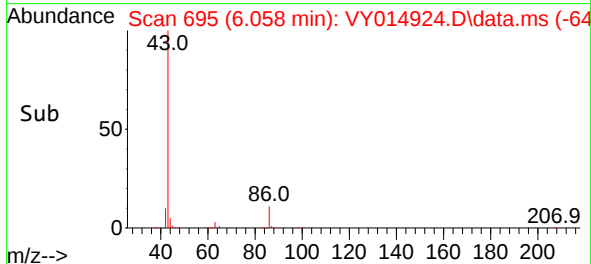
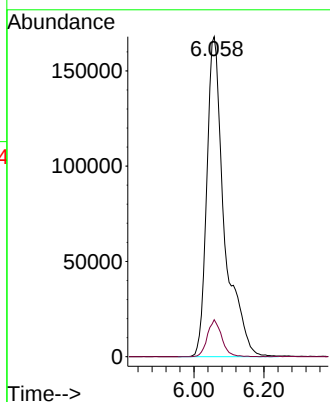
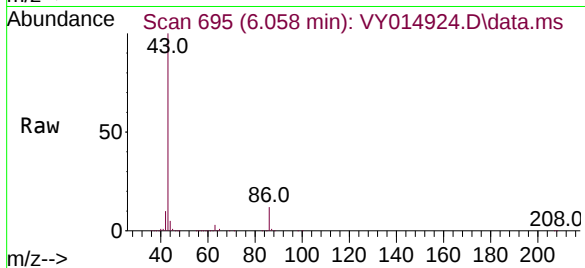




#23
 Vinyl Acetate
 Concen: 96.051 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

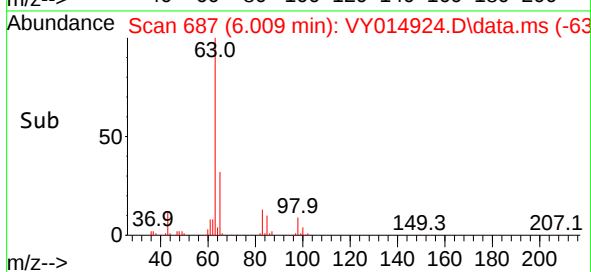
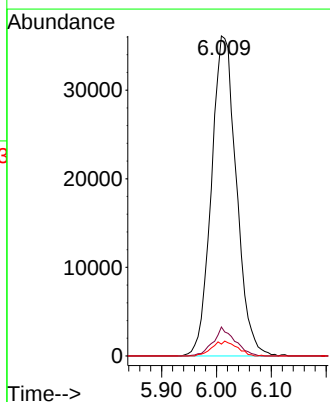
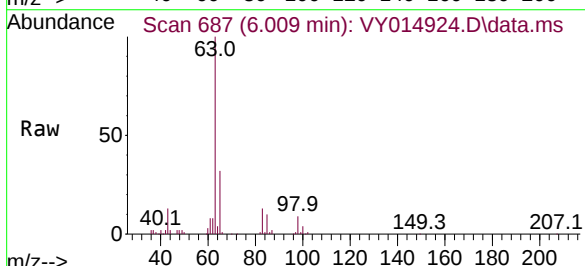
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBS01

Tgt Ion: 43 Resp: 587245
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.538 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

Tgt Ion: 63 Resp: 114215
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.1 9.4
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 105.749 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014924.D

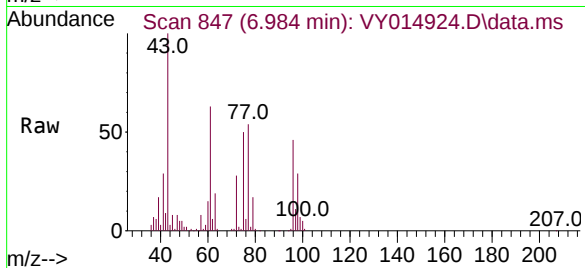
Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

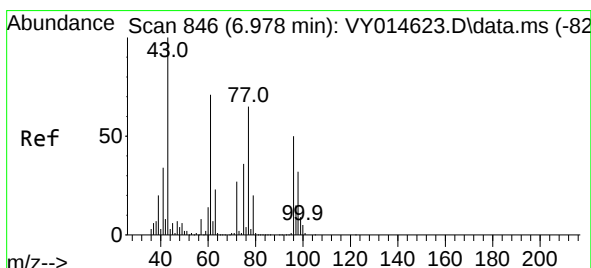
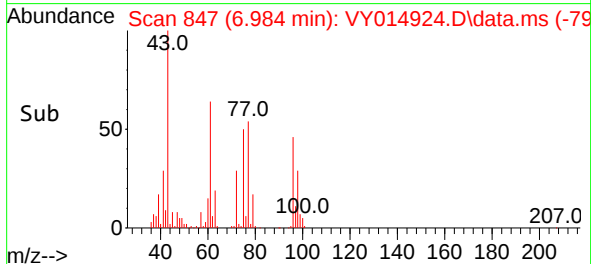
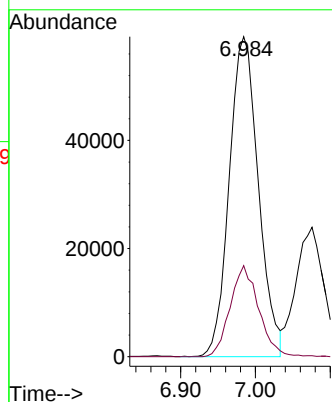


Tgt Ion: 43 Resp: 160563

Ion Ratio Lower Upper

43 100

72 28.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.641 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014924.D

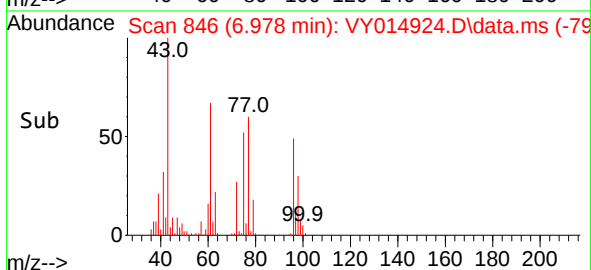
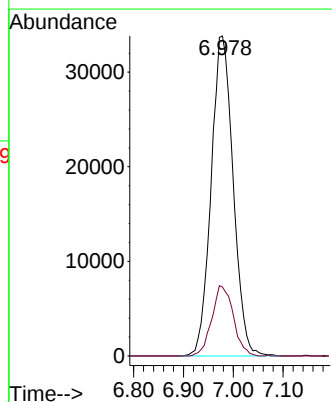
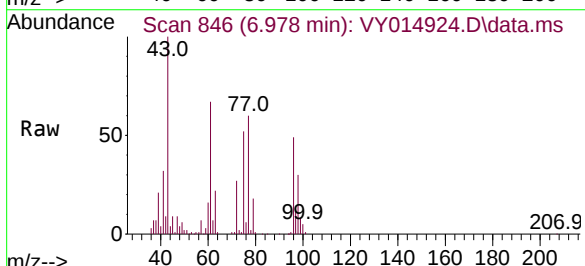
Acq: 01 Aug 2023 12:12

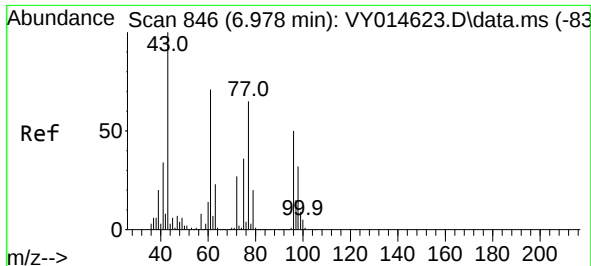
Tgt Ion: 77 Resp: 103855

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.9

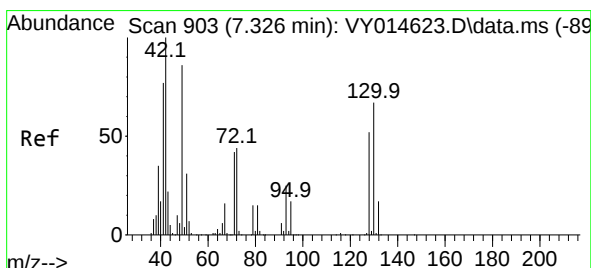
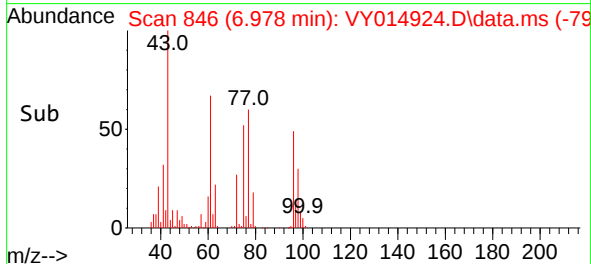
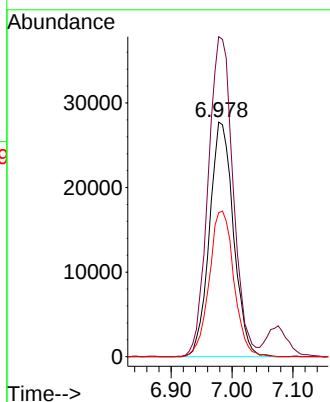
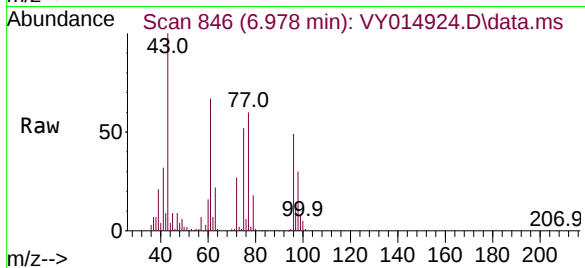




#27
 cis-1,2-Dichloroethene
 Concen: 20.306 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

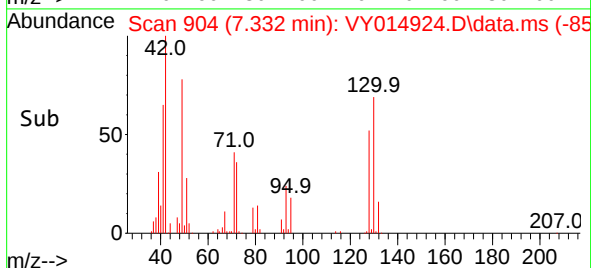
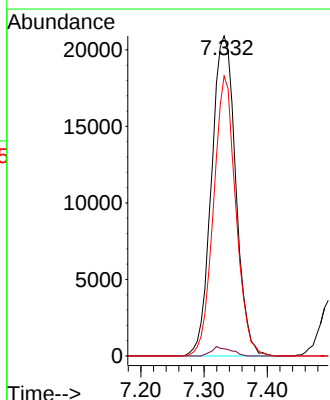
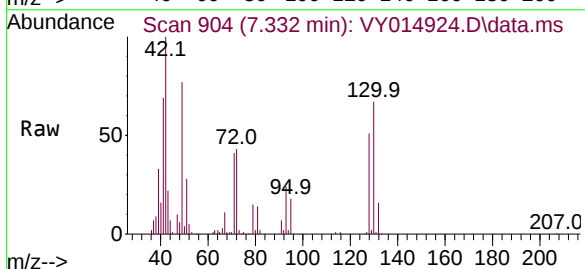
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBSD01

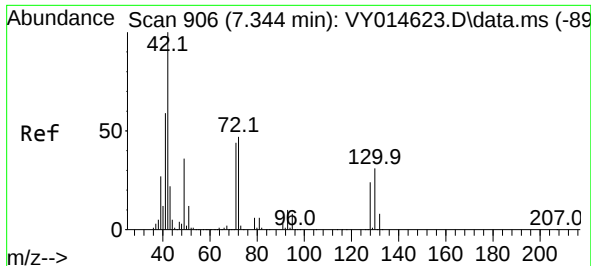
Tgt Ion: 96 Resp: 75915
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 301.4
 98 63.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 22.034 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

Tgt Ion: 49 Resp: 55475
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 80.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 108.771 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBS01

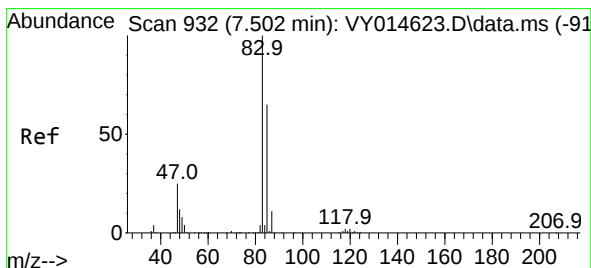
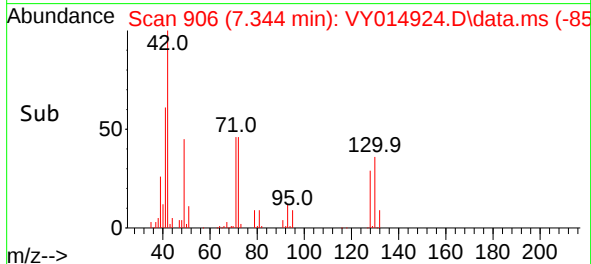
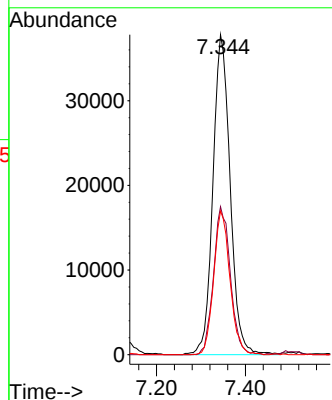
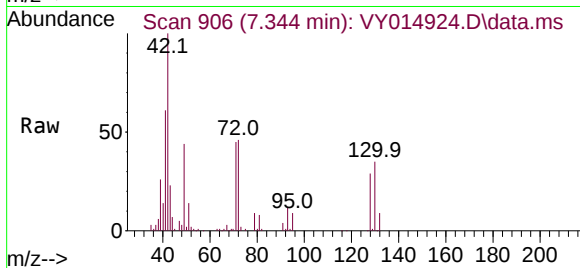
Tgt Ion: 42 Resp: 101692

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 42.5 31.0 46.4



#30

Chloroform

Concen: 20.233 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014924.D

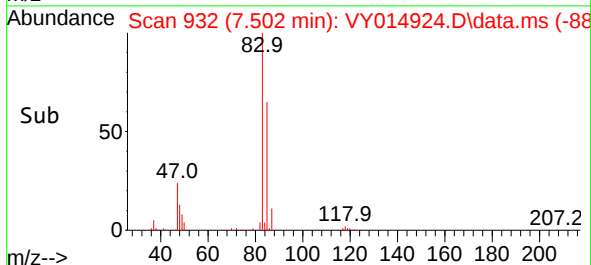
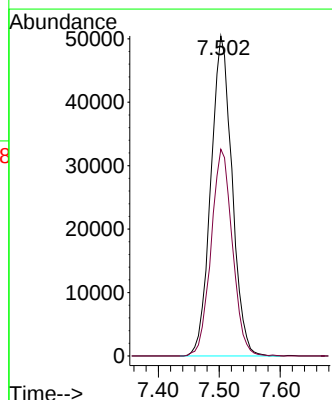
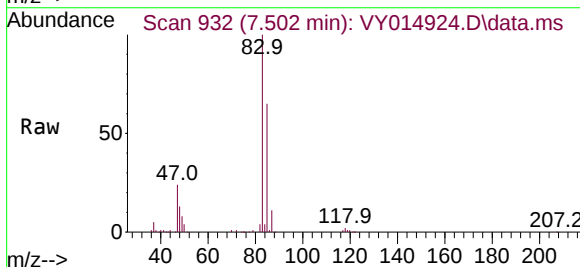
Acq: 01 Aug 2023 12:12

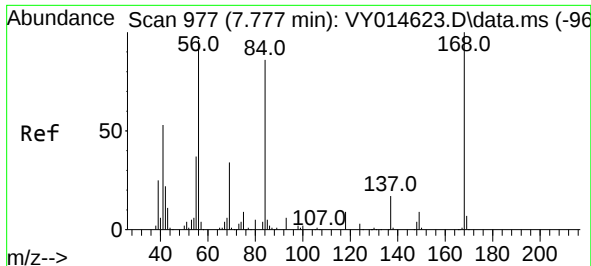
Tgt Ion: 83 Resp: 121970

Ion Ratio Lower Upper

83 100

85 64.6 49.7 74.5

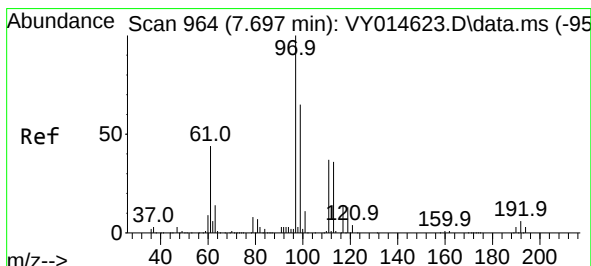
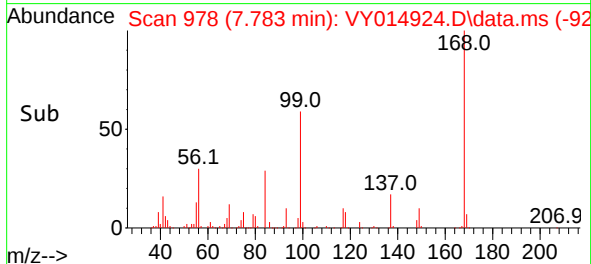
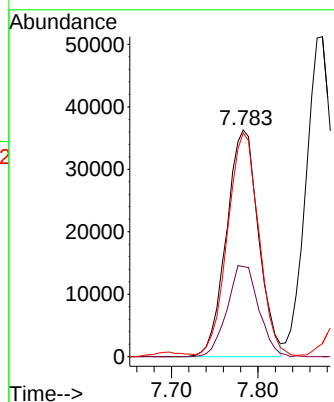
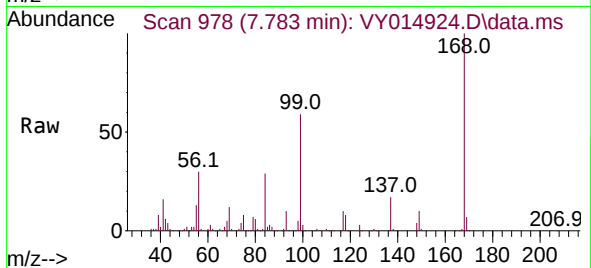




#31
Cyclohexane
Concen: 17.191 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

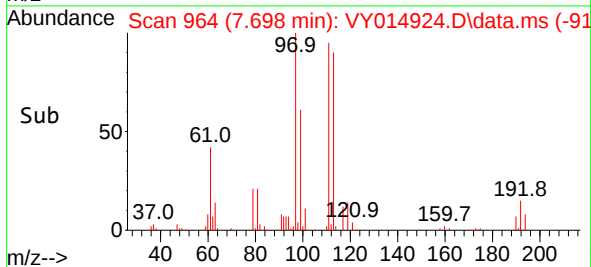
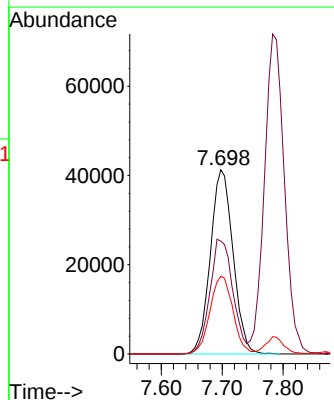
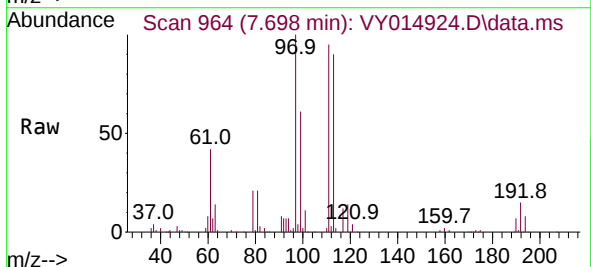
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

Tgt Ion: 56 Resp: 93464
Ion Ratio Lower Upper
56 100
69 39.7 27.8 41.6
84 97.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.653 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 97 Resp: 106628
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.776 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

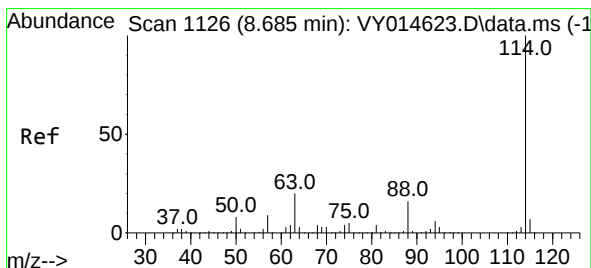
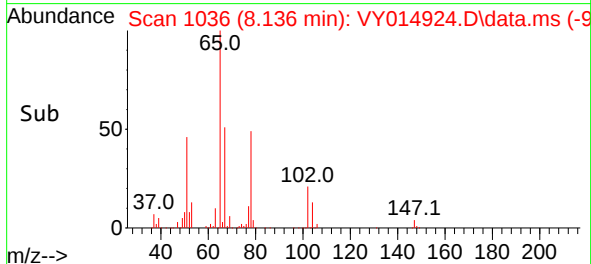
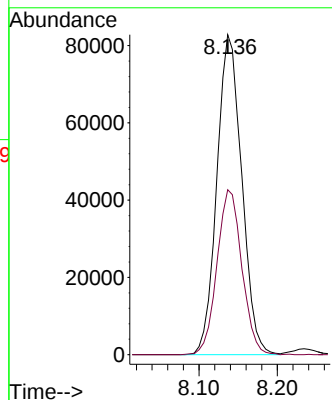
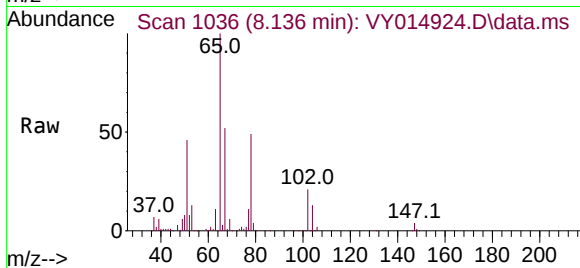
VY0801SBSD01

Tgt Ion: 65 Resp: 182669

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

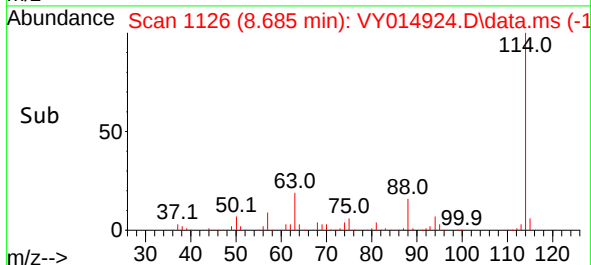
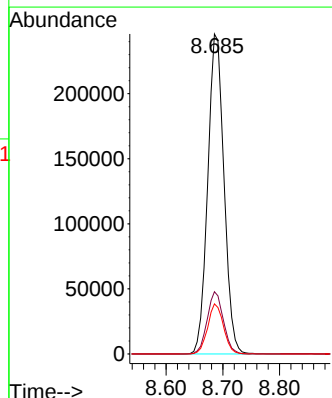
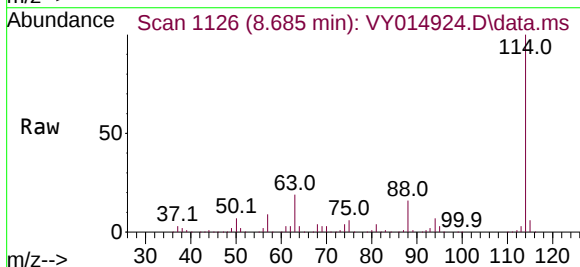
Tgt Ion:114 Resp: 489112

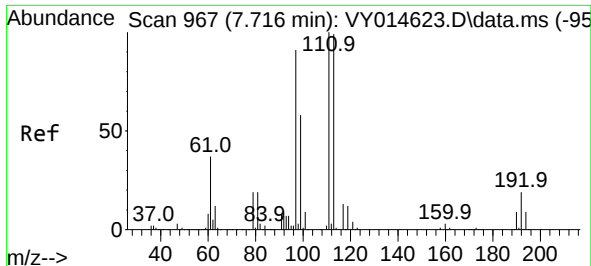
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.6 0.0 30.6

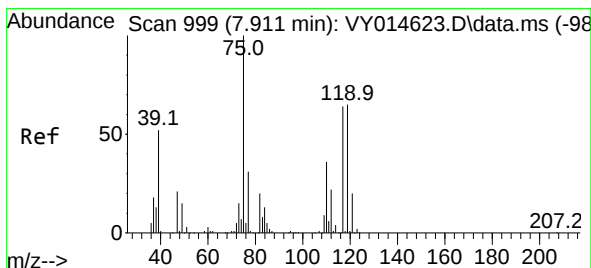
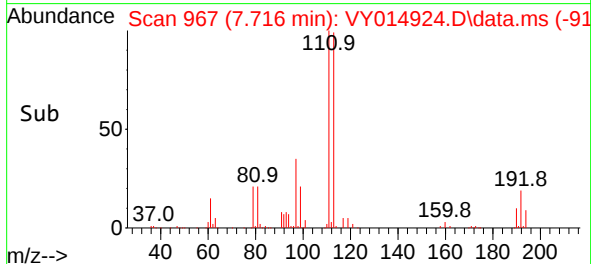
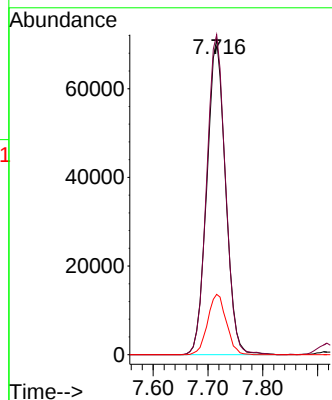
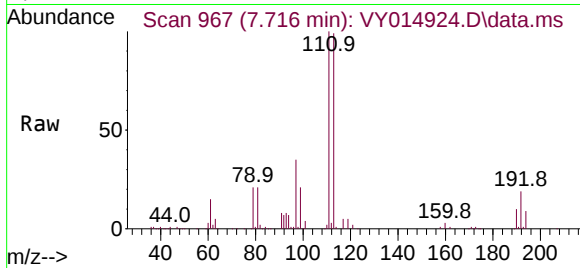




#35
Dibromofluoromethane
Concen: 53.871 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

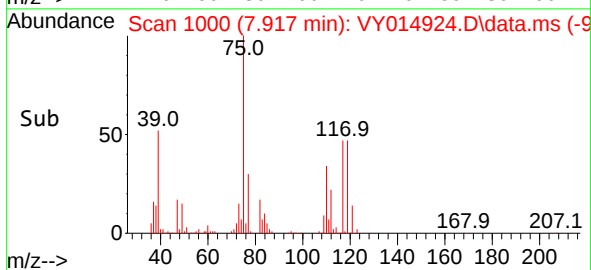
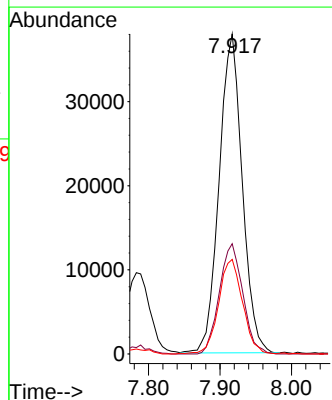
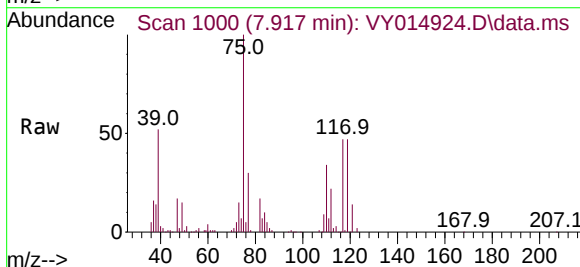
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

Tgt Ion:113 Resp: 167730
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.267 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 75 Resp: 85058
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 20.102 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBS01

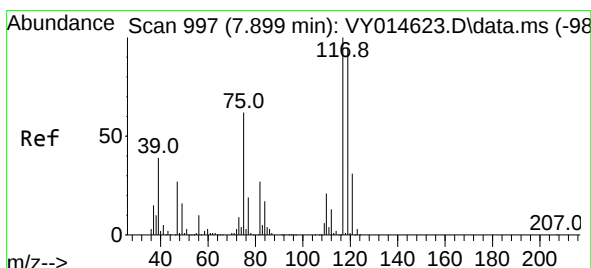
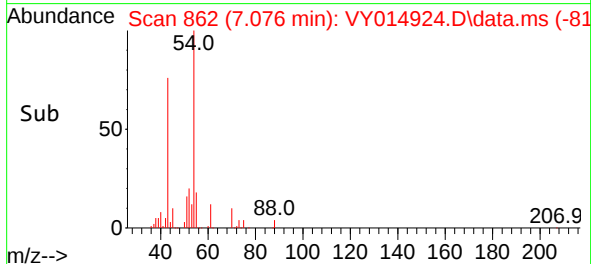
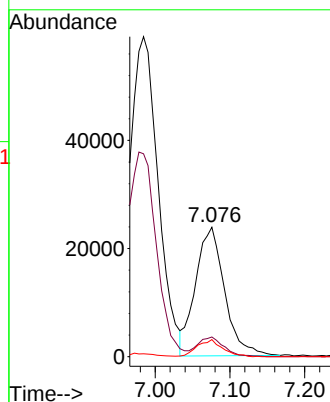
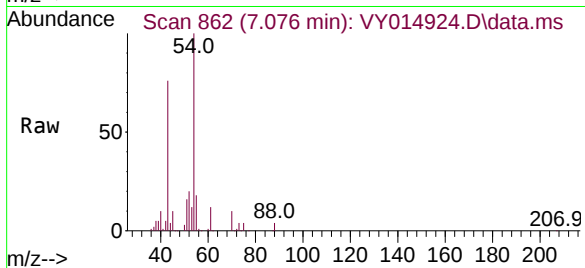
Tgt Ion: 43 Resp: 64442

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 11.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.671 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

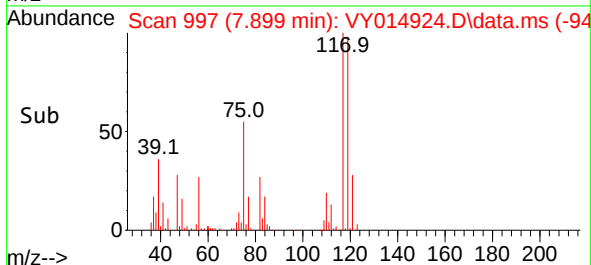
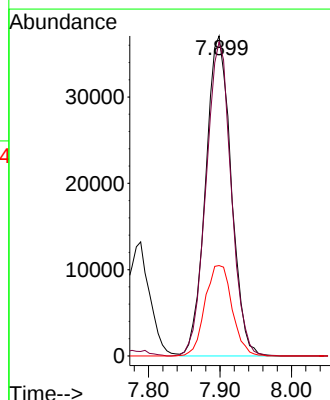
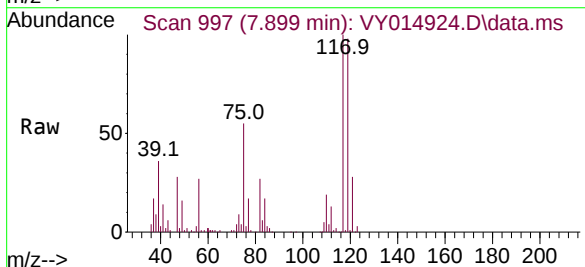
Tgt Ion: 117 Resp: 91898

Ion Ratio Lower Upper

117 100

119 98.1 76.4 114.6

121 28.3 25.8 38.6





#39

Methylcyclohexane

Concen: 17.086 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

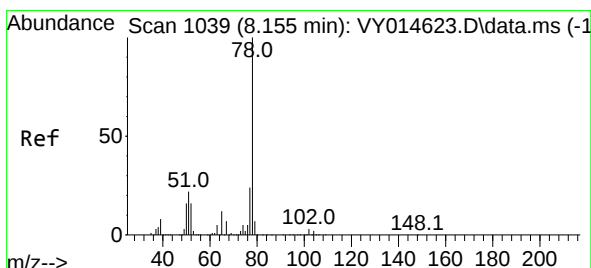
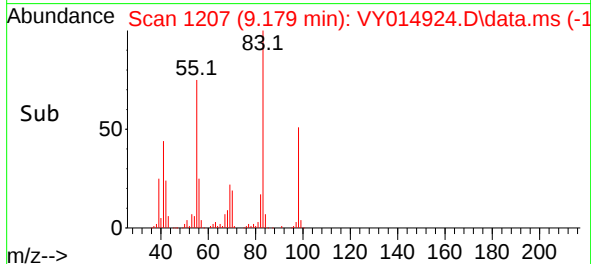
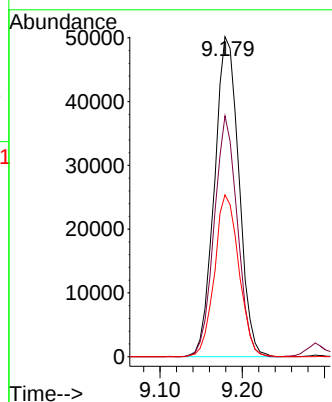
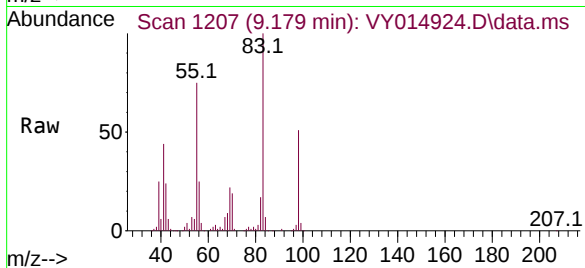
Tgt Ion: 83 Resp: 103645

Ion Ratio Lower Upper

83 100

55 75.2 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 19.168 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014924.D

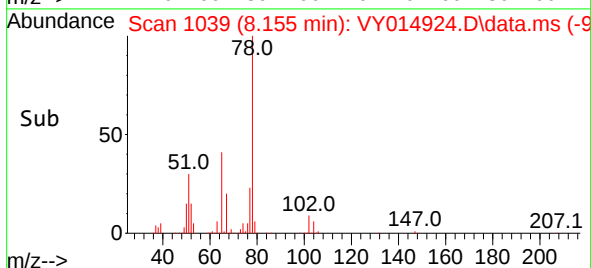
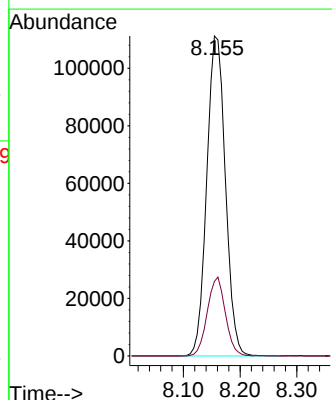
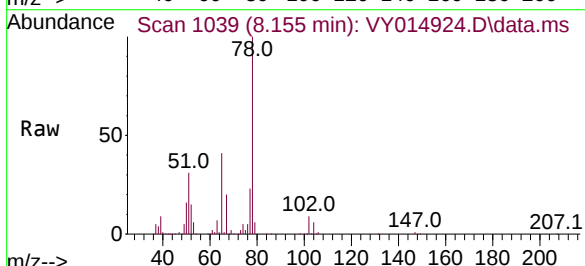
Acq: 01 Aug 2023 12:12

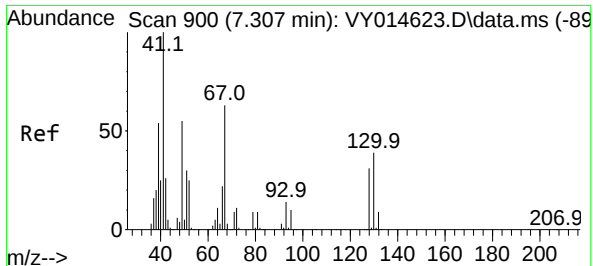
Tgt Ion: 78 Resp: 253839

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

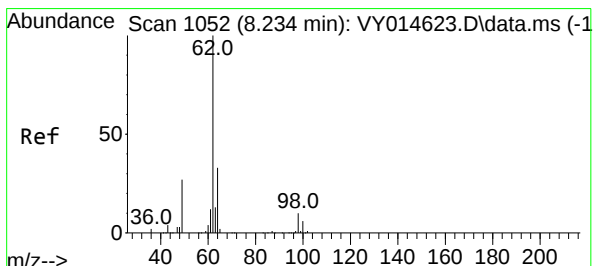
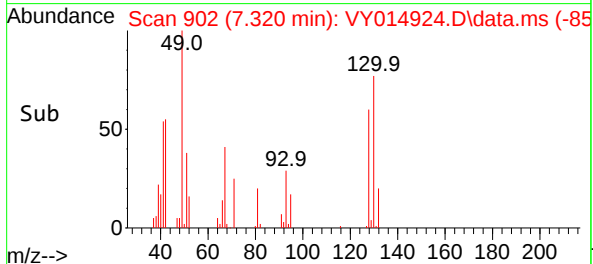
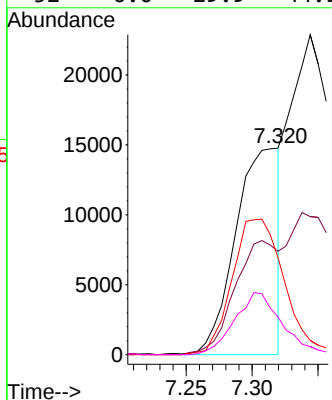
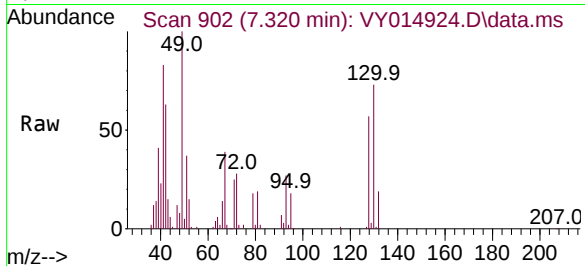




#41
Methacrylonitrile
Concen: 20.724 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.013 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

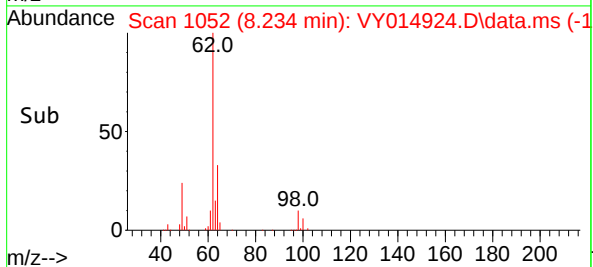
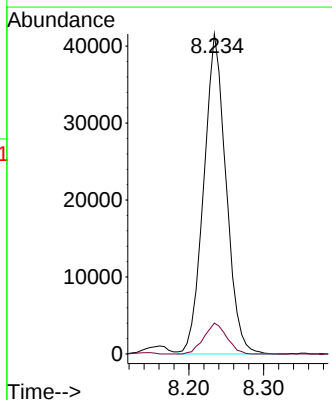
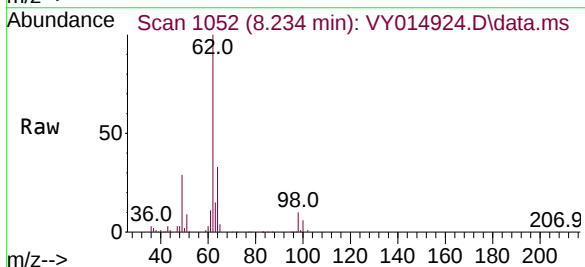
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

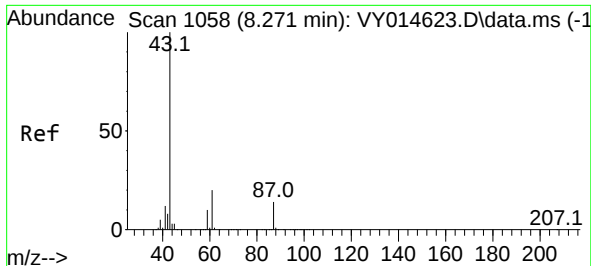
Tgt Ion: 41 Resp: 34172
Ion Ratio Lower Upper
41 100
39 70.7 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.520 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 62 Resp: 86052
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

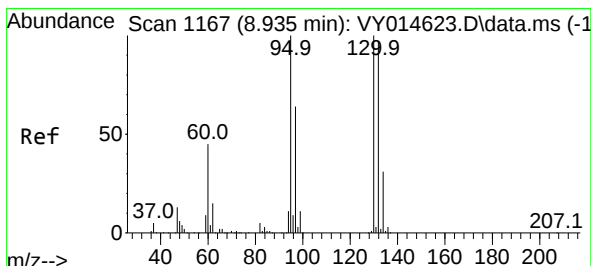
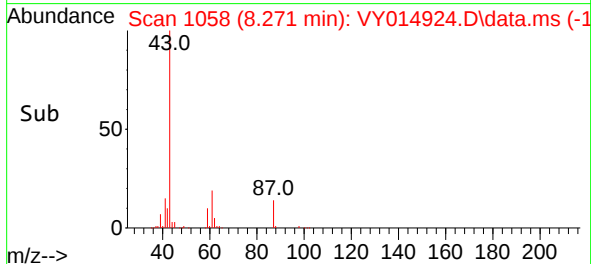
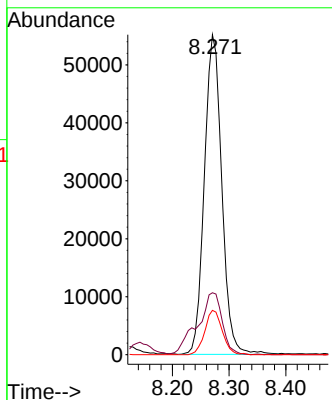
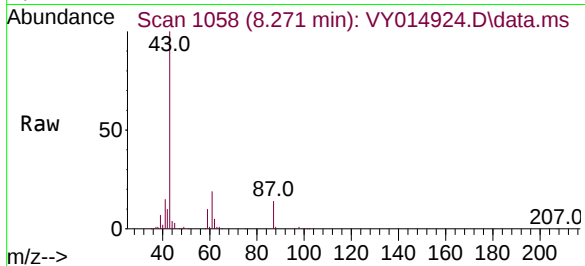




#43
Isopropyl Acetate
Concen: 19.301 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

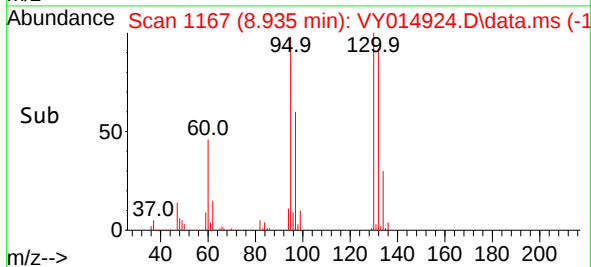
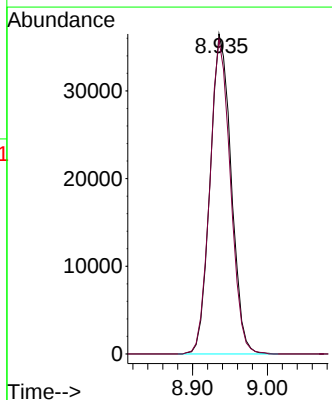
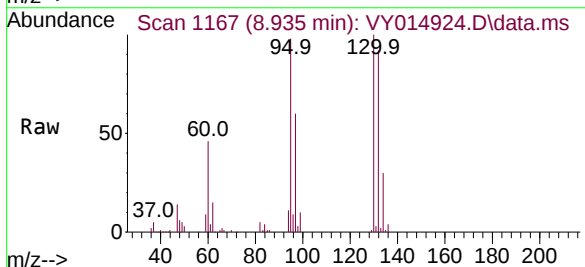
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

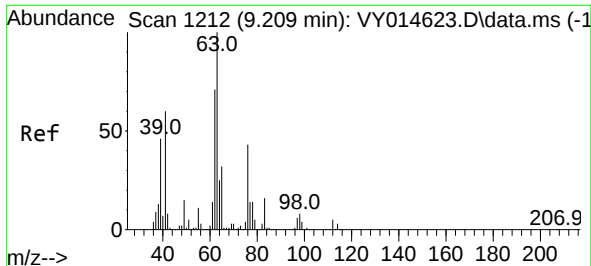
Tgt Ion: 43 Resp: 117866
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 19.317 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion:130 Resp: 71571
Ion Ratio Lower Upper
130 100
95 98.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.128 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

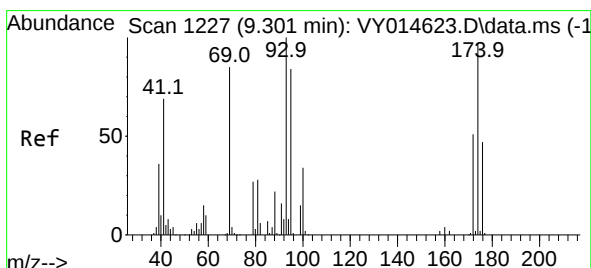
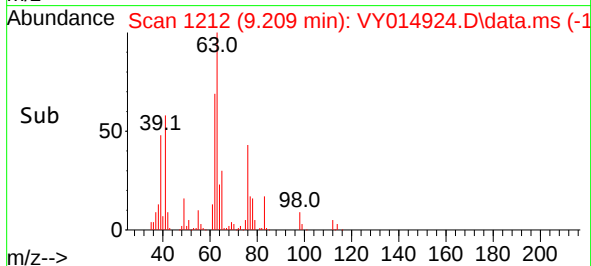
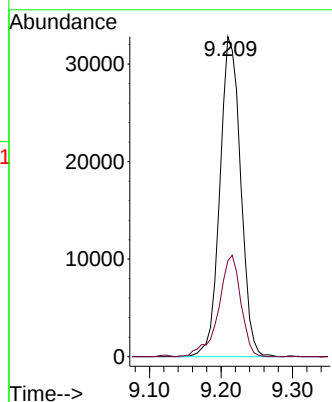
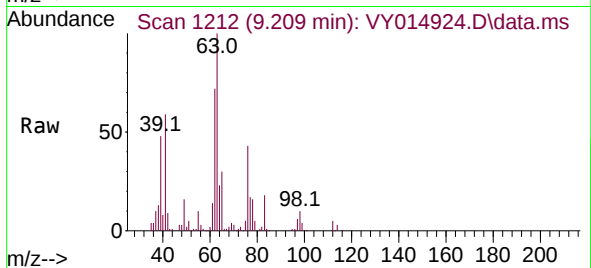
VY0801SBSD01

Tgt Ion: 63 Resp: 66143

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 20.405 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

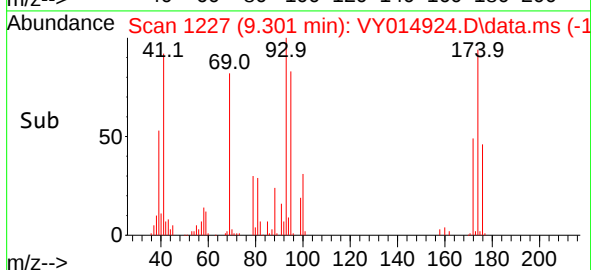
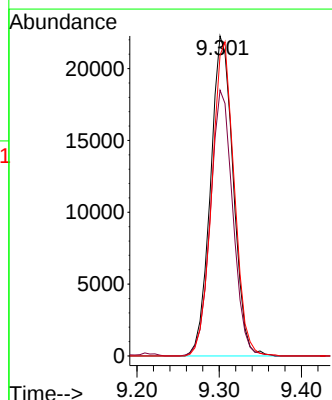
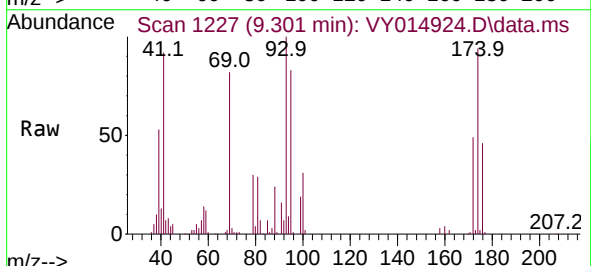
Tgt Ion: 93 Resp: 42804

Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

174 96.4 84.8 127.2

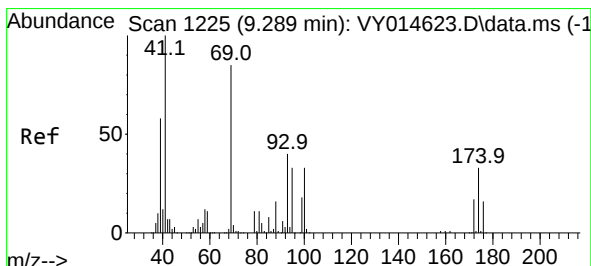
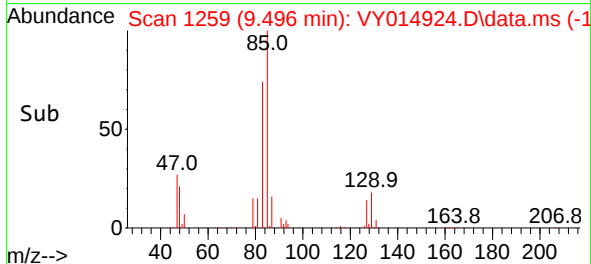
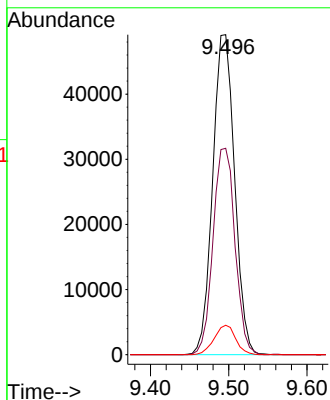
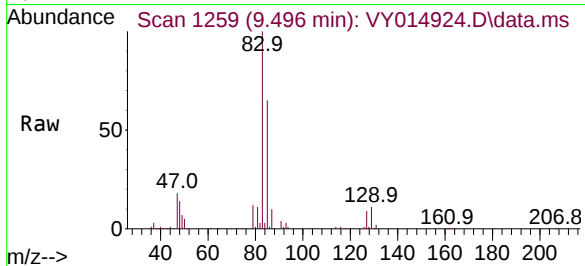




#47
Bromodichloromethane
Concen: 19.306 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

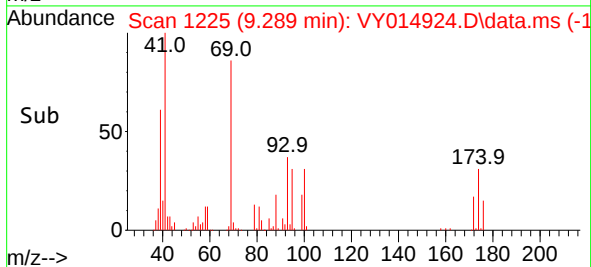
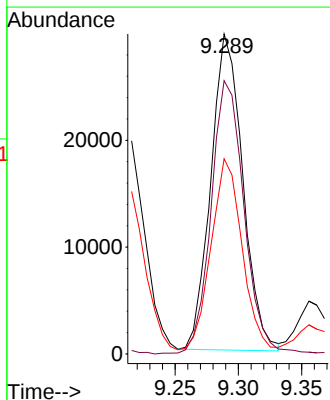
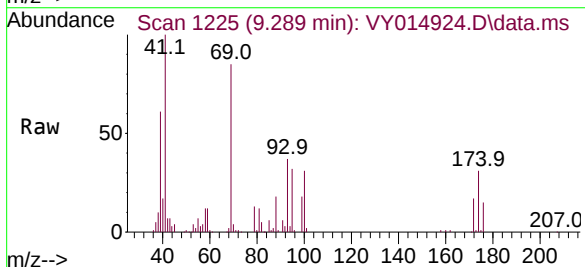
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

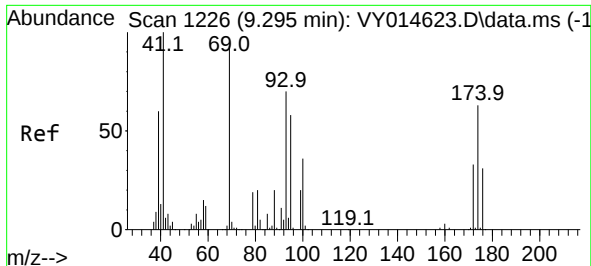
Tgt Ion:	83	Resp:	95451
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.1	75.1
127	9.2	7.1	10.7



#48
Methyl methacrylate
Concen: 18.871 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion:	41	Resp:	51854
Ion	Ratio	Lower	Upper
41	100		
69	89.7	64.5	96.7
39	61.6	50.8	76.2





#49

1,4-Dioxane

Concen: 421.243 ug/l

RT: 9.295 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

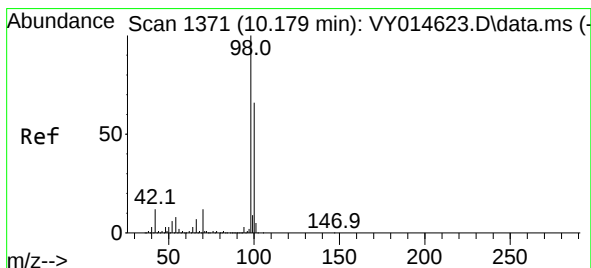
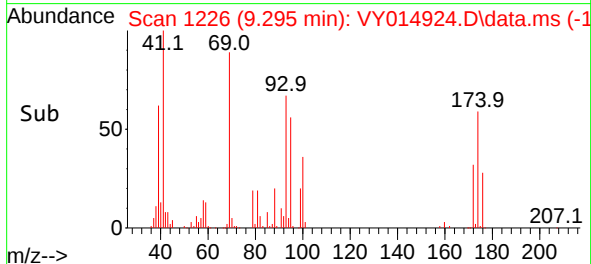
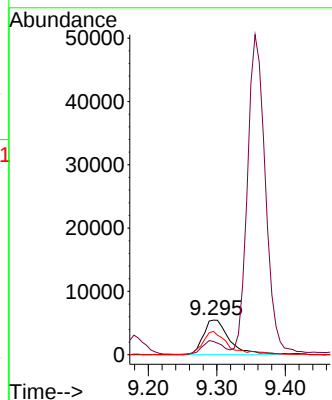
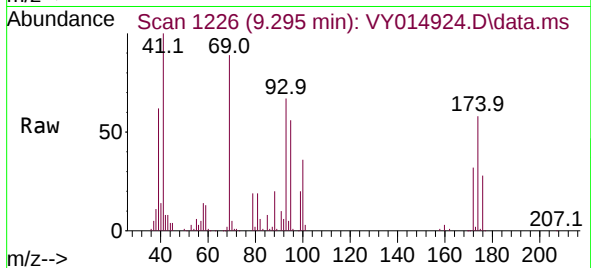
Tgt Ion: 88 Resp: 14409

Ion Ratio Lower Upper

88 100

43 31.2 0.0 0.0#

58 67.4 30.9 46.3#



#50

Toluene-d8

Concen: 50.887 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014924.D

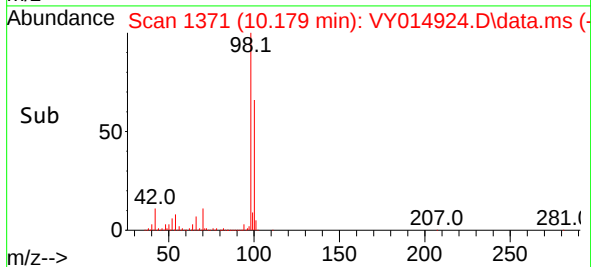
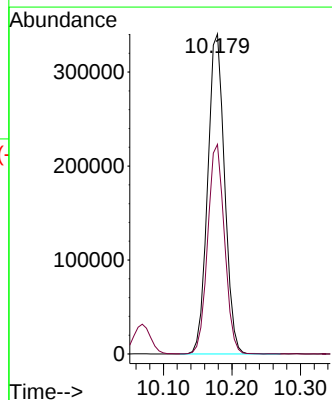
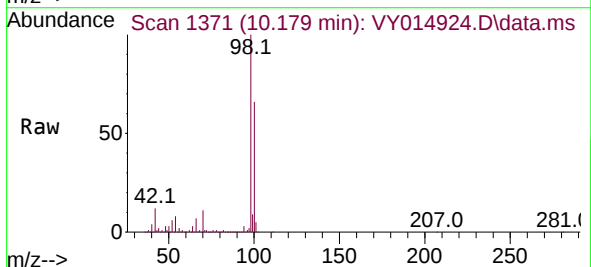
Acq: 01 Aug 2023 12:12

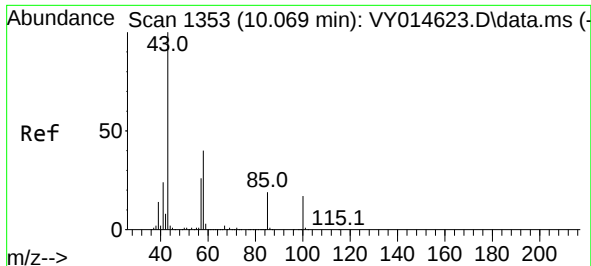
Tgt Ion: 98 Resp: 584136

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

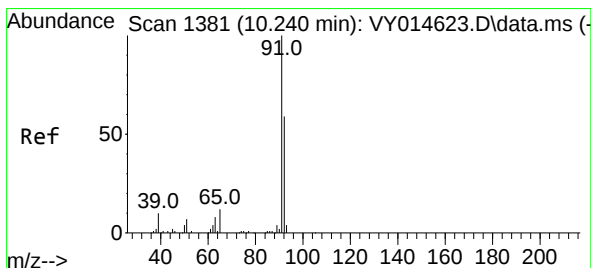
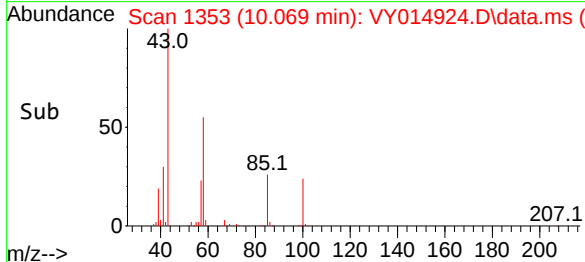
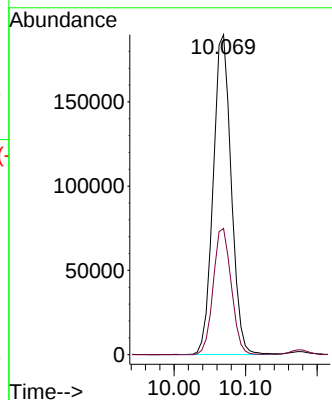
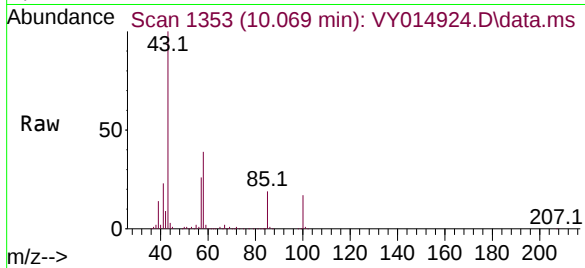




#51
4-Methyl-2-Pentanone
Concen: 103.718 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

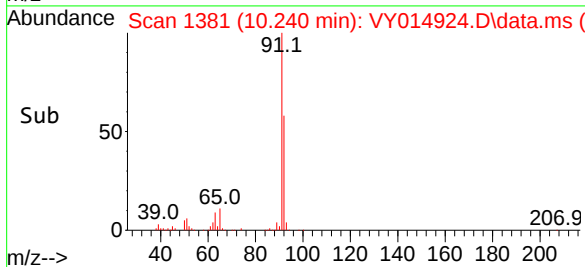
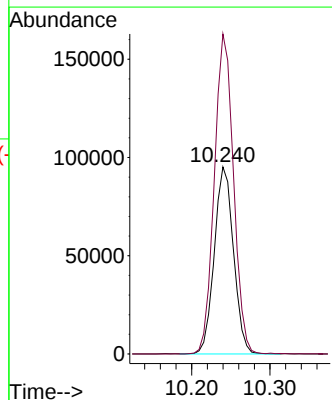
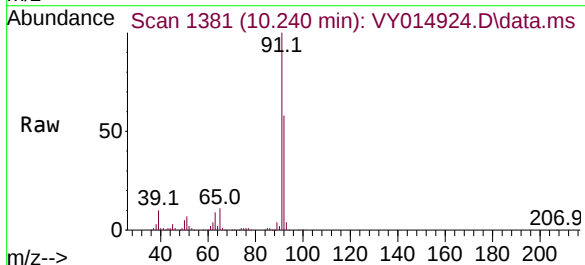
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

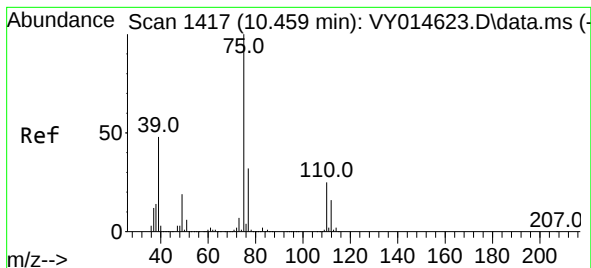
Tgt Ion: 43 Resp: 332553
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 19.134 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 92 Resp: 162142
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6

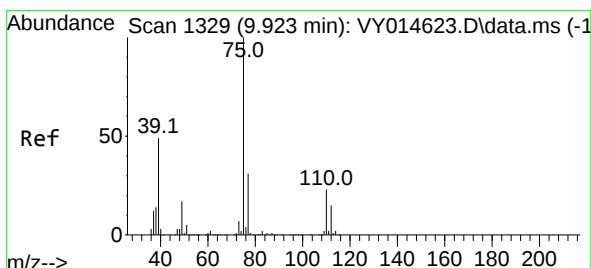
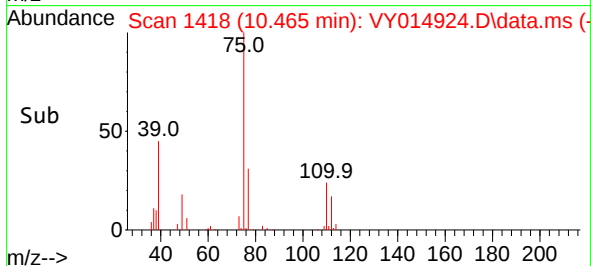
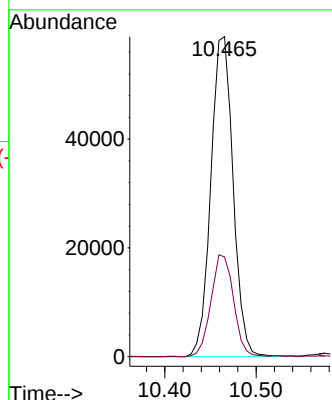
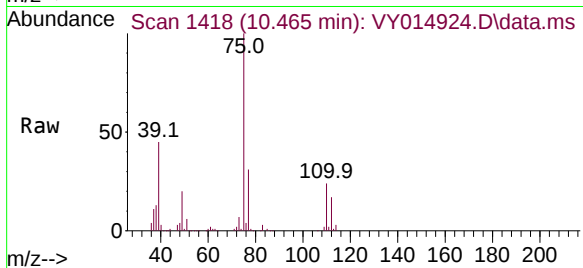




#53
 t-1,3-Dichloropropene
 Concen: 18.410 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

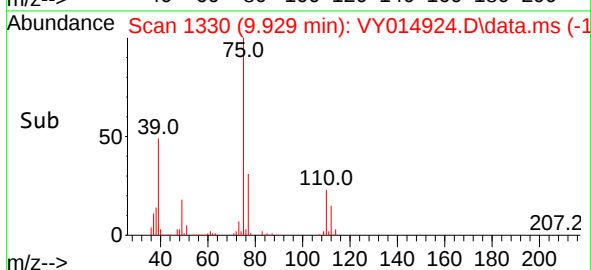
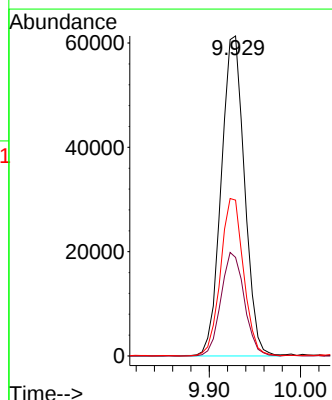
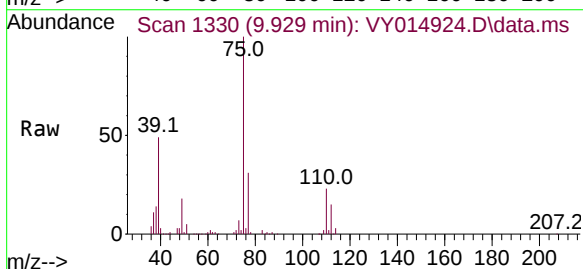
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBSD01

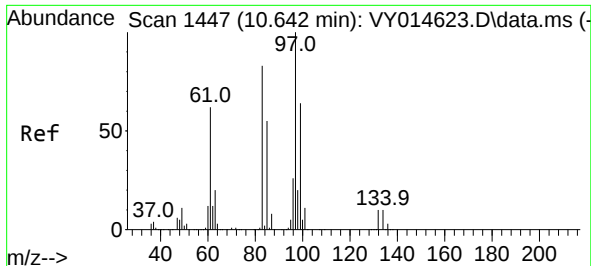
Tgt Ion: 75 Resp: 99567
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.461 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

Tgt Ion: 75 Resp: 108572
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 48.7 42.2 63.4

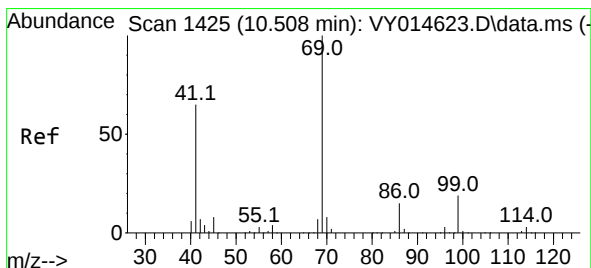
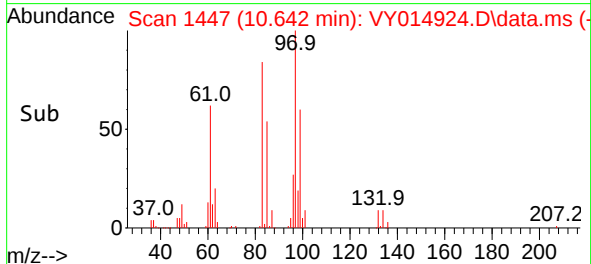
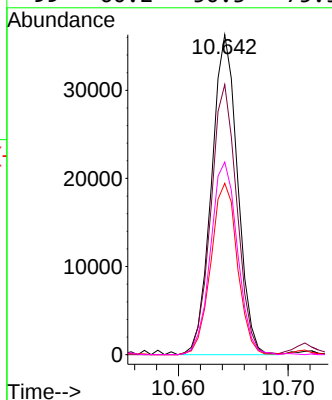
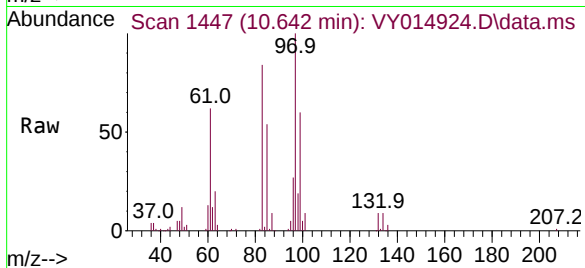




#55
1,1,2-Trichloroethane
Concen: 20.537 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

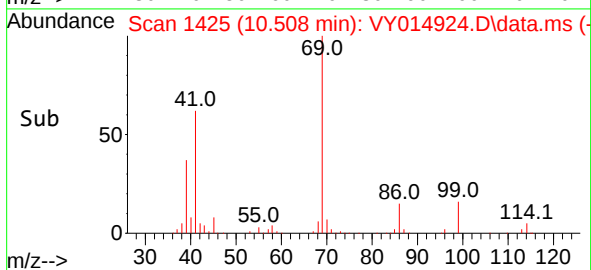
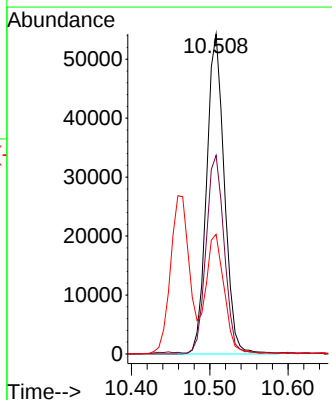
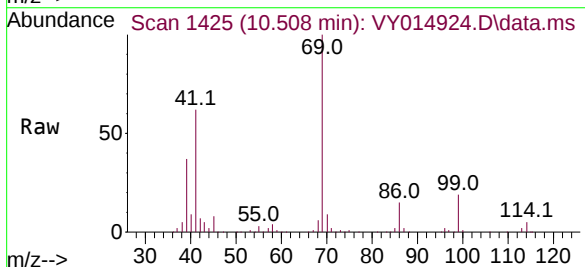
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

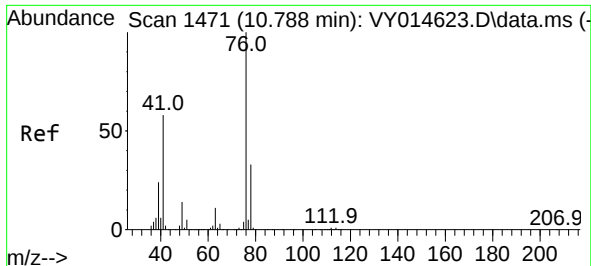
Tgt Ion:	97	Resp:	60011
Ion	Ratio	Lower	Upper
97	100		
83	84.4	72.0	108.0
85	53.6	45.4	68.0
99	60.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.119 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion:	69	Resp:	85303
Ion	Ratio	Lower	Upper
69	100		
41	62.5	57.6	86.4
39	38.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.894 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

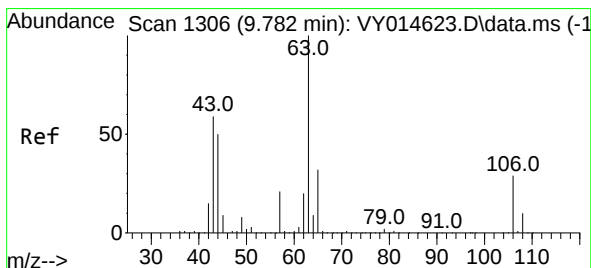
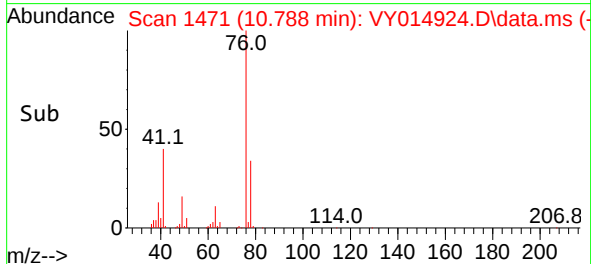
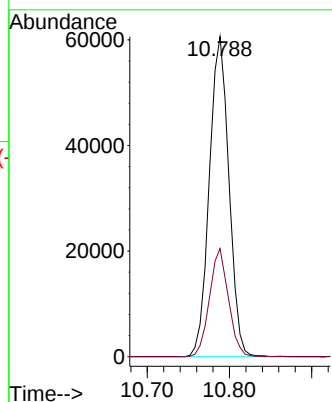
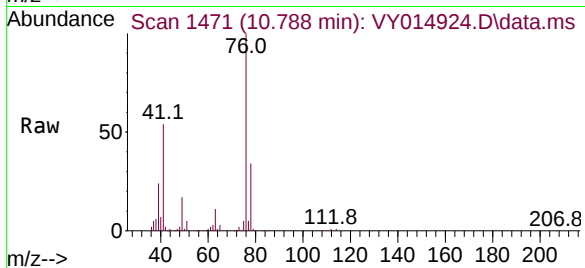
VY0801SBSD01

Tgt Ion: 76 Resp: 100268

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.400 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014924.D

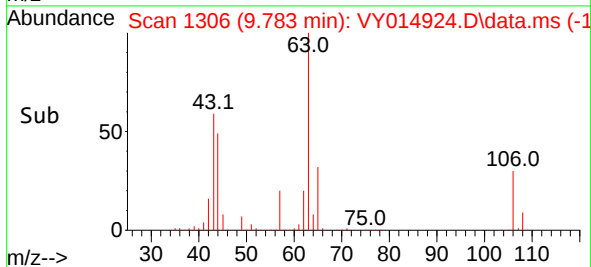
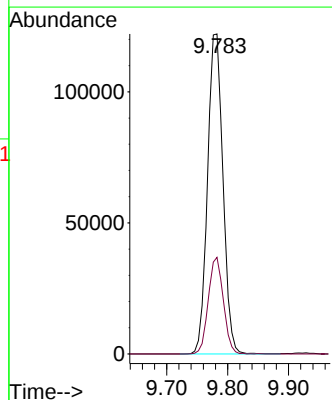
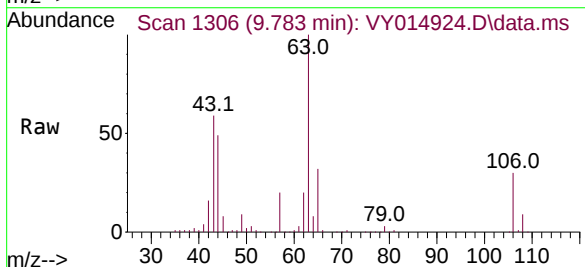
Acq: 01 Aug 2023 12:12

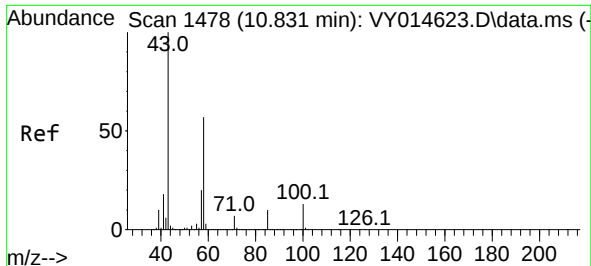
Tgt Ion: 63 Resp: 214953

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

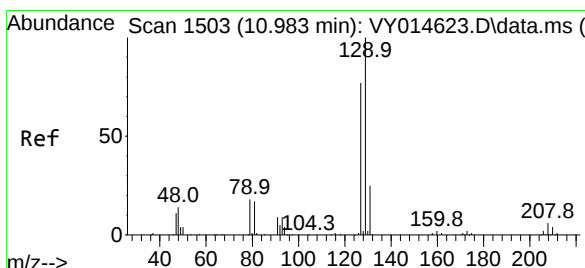
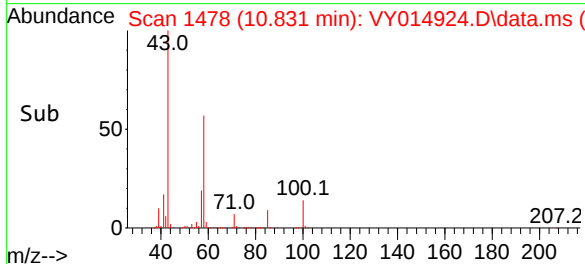
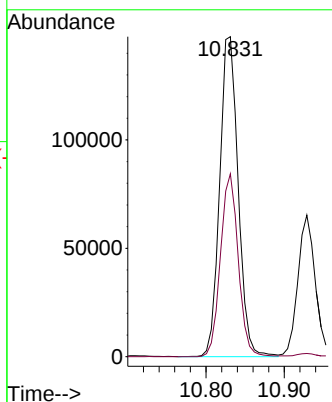
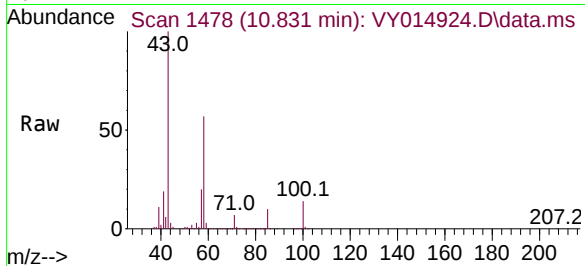




#59
2-Hexanone
Concen: 103.748 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

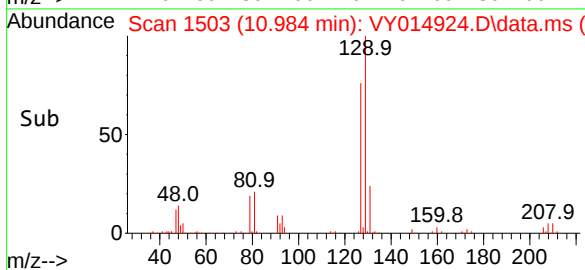
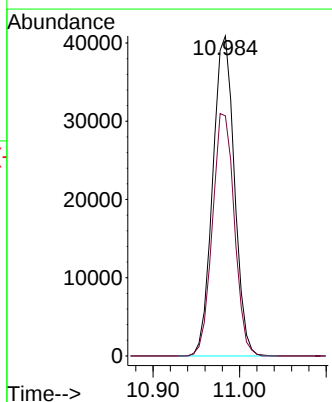
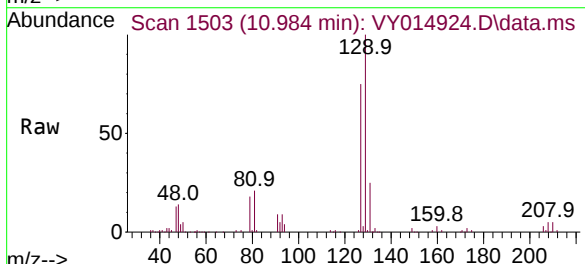
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

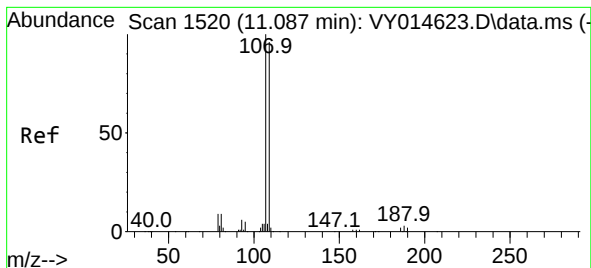
Tgt Ion: 43 Resp: 242587
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3



#60
Dibromochloromethane
Concen: 19.829 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 129 Resp: 71040
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

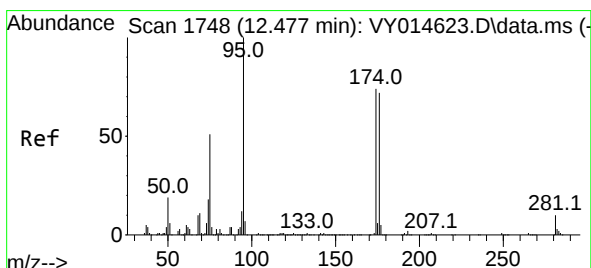
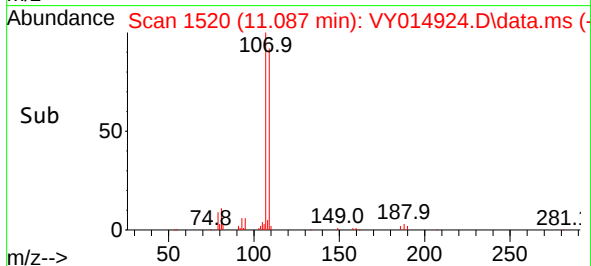
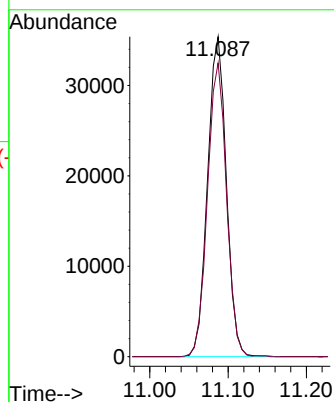
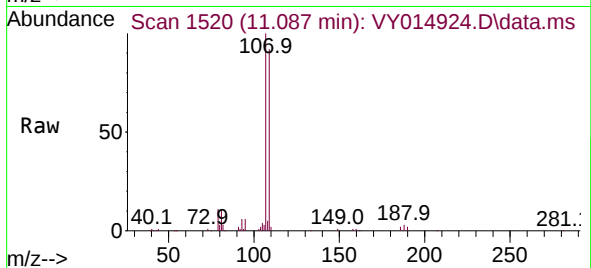




#61
1,2-Dibromoethane
Concen: 20.176 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

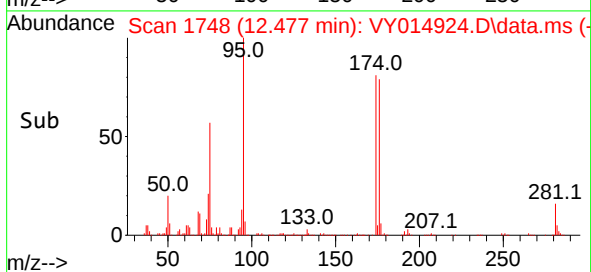
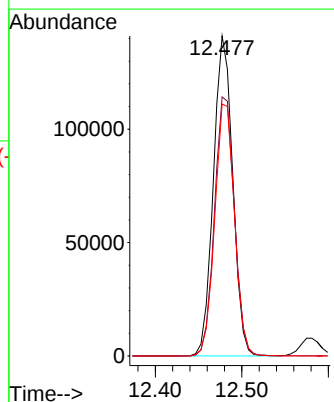
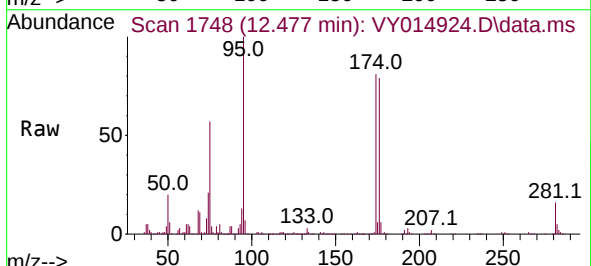
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

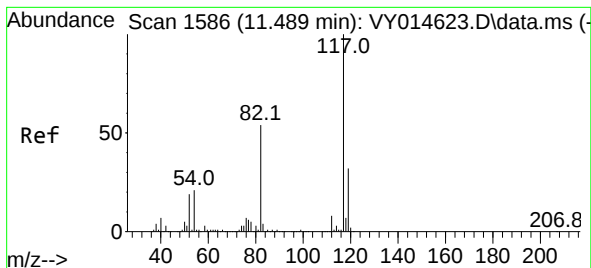
Tgt Ion:107 Resp: 58815
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 95 Resp: 218791
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 80.4 0.0 173.8

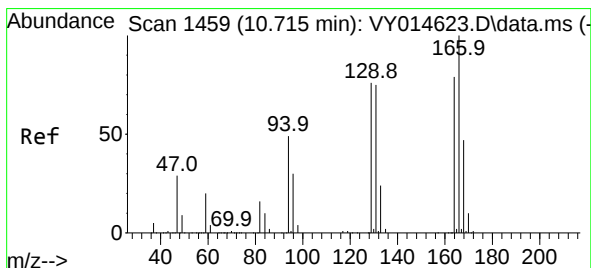
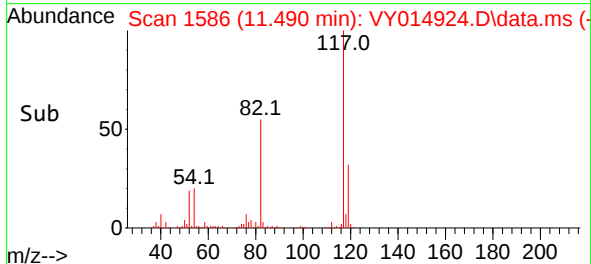
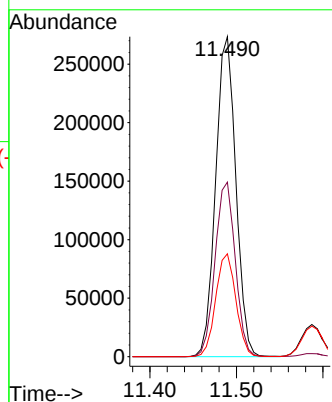
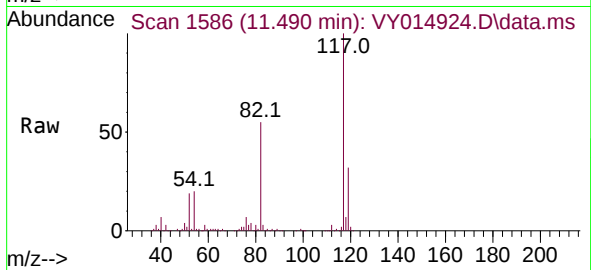




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

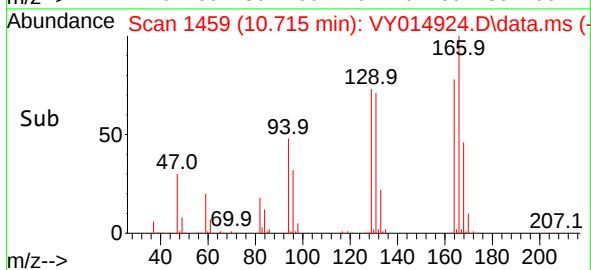
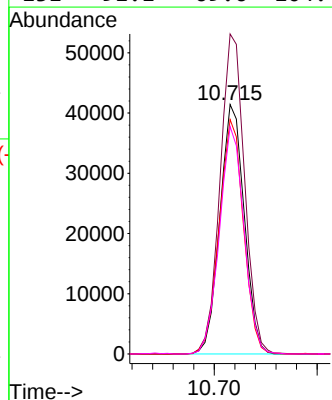
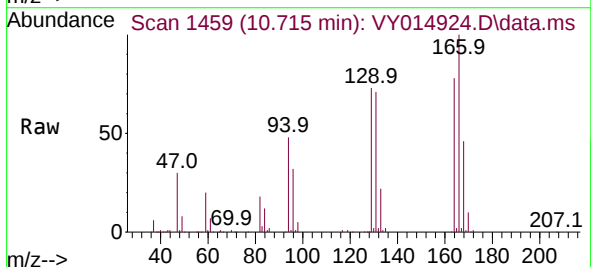
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

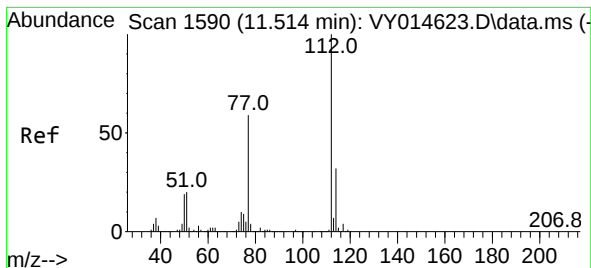
Tgt Ion:117 Resp: 443209
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 19.102 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion:164 Resp: 68090
Ion Ratio Lower Upper
164 100
166 128.2 103.0 154.6
129 93.9 77.2 115.8
131 91.1 69.6 104.4

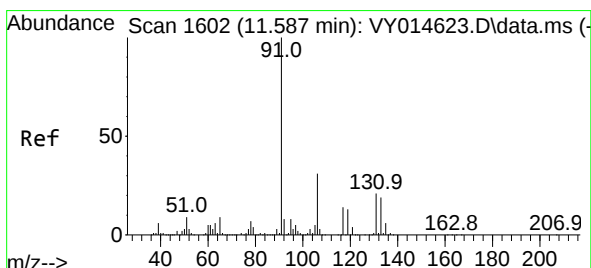
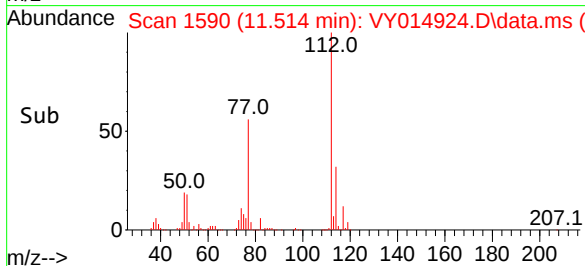
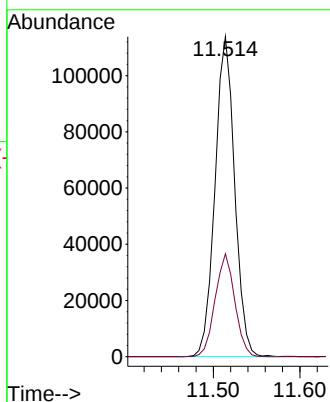
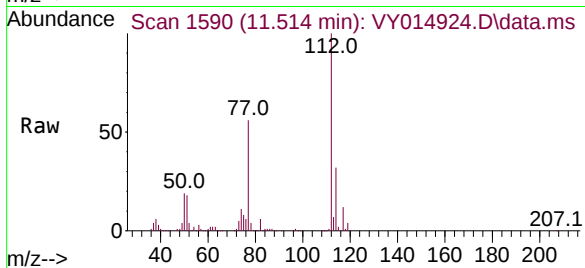




#65
Chlorobenzene
Concen: 18.968 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

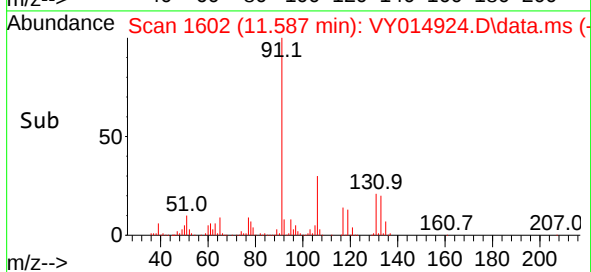
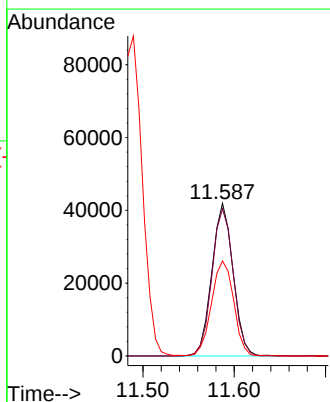
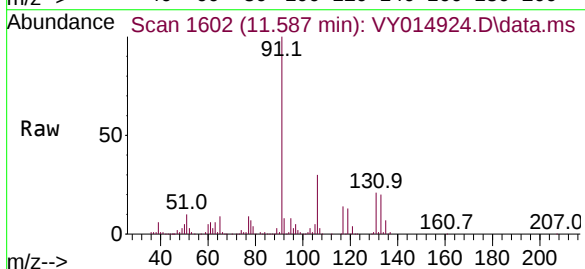
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBS01

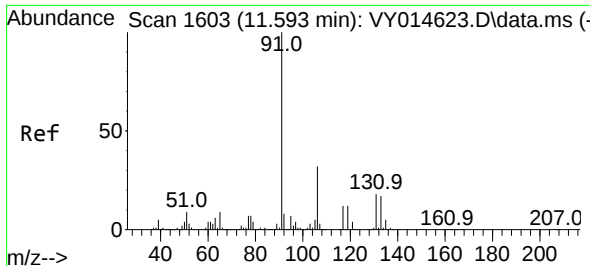
Tgt Ion:112 Resp: 179145
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.959 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion:131 Resp: 67515
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 18.614 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

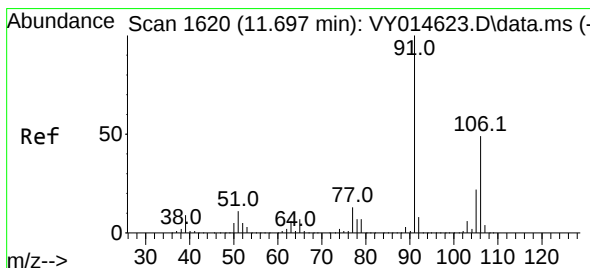
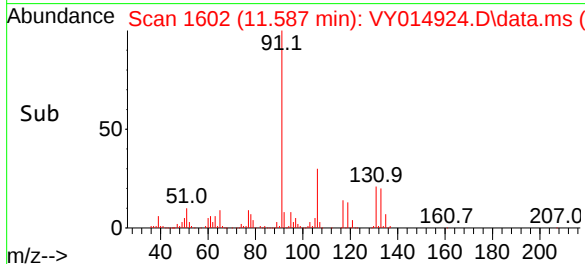
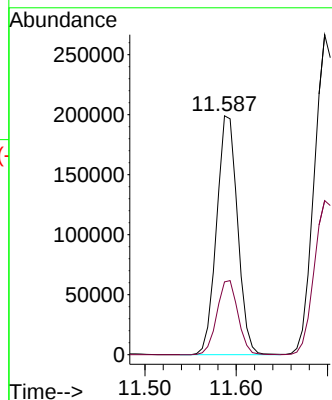
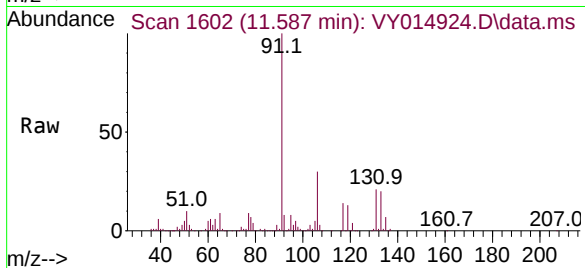
VY0801SBSD01

Tgt Ion: 91 Resp: 317411

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 37.080 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014924.D

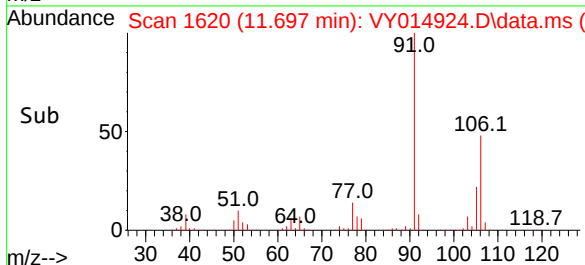
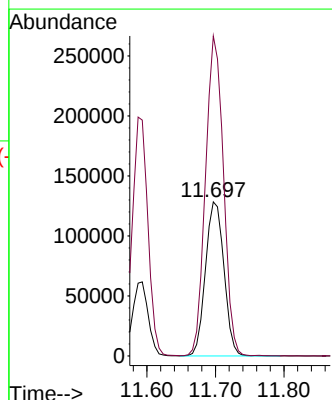
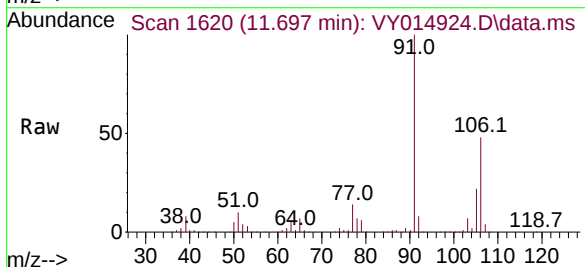
Acq: 01 Aug 2023 12:12

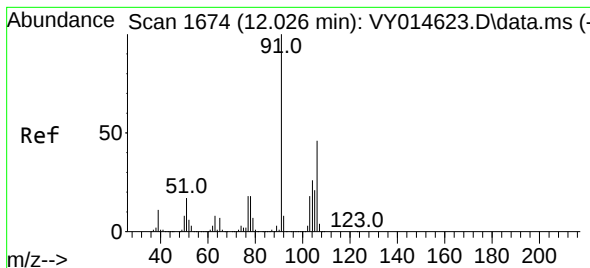
Tgt Ion:106 Resp: 241366

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1





#69

o-Xylene

Concen: 18.571 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

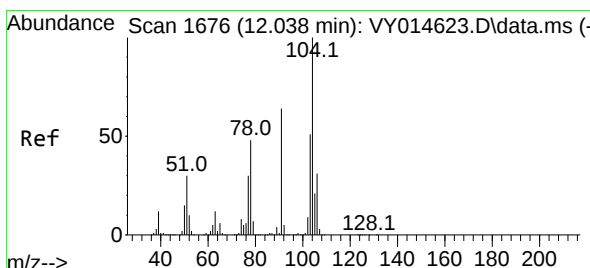
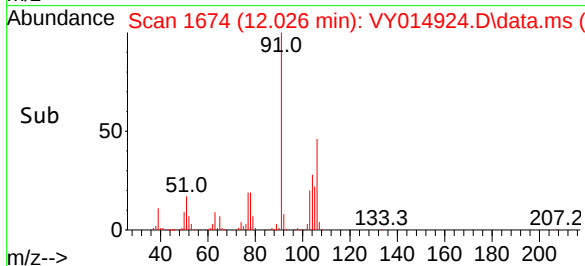
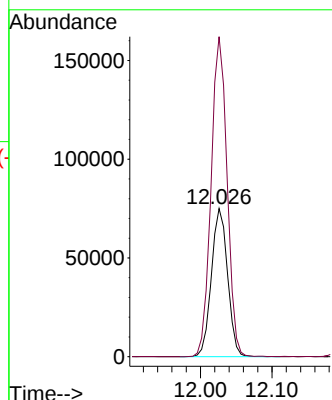
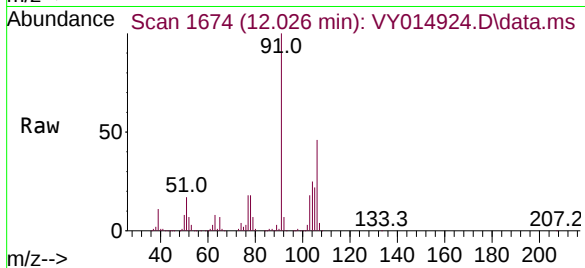
VY0801SBSD01

Tgt Ion:106 Resp: 117744

Ion Ratio Lower Upper

106 100

91 214.2 108.1 324.3



#70

Styrene

Concen: 18.991 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

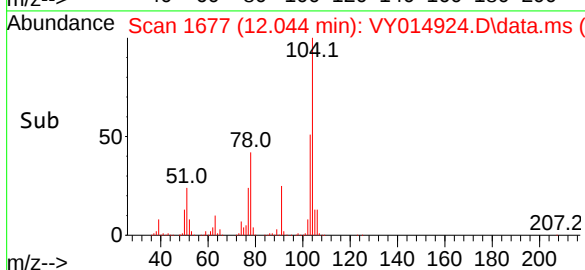
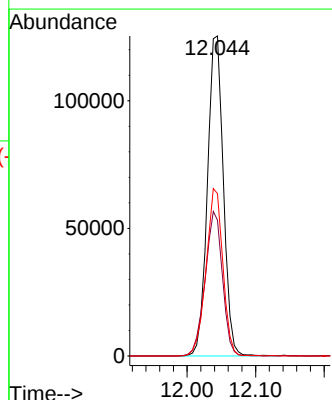
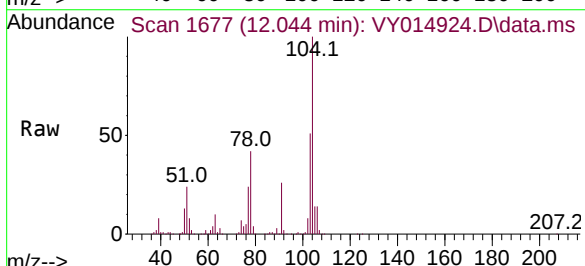
Tgt Ion:104 Resp: 202938

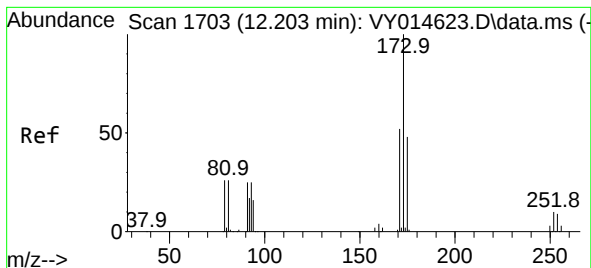
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 55.2 44.6 67.0





#71

Bromoform

Concen: 19.298 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBS01

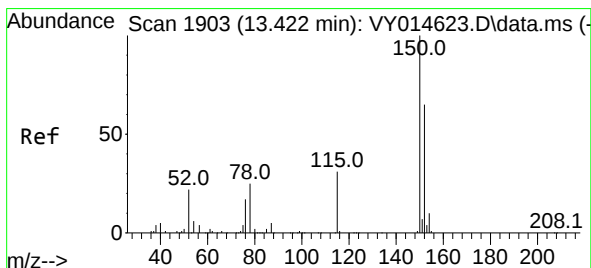
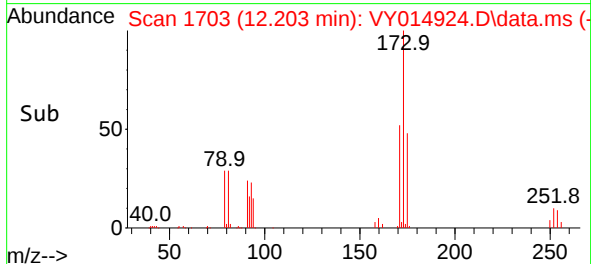
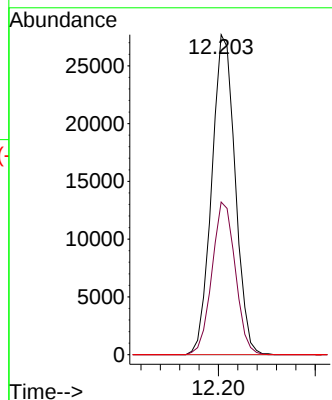
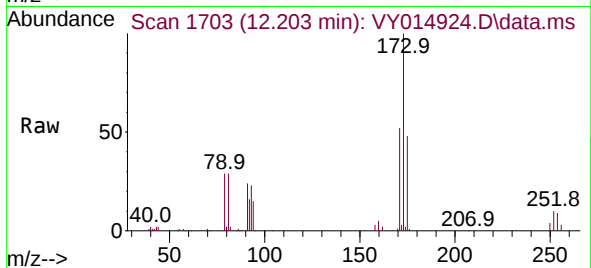
Tgt Ion:173 Resp: 46582

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

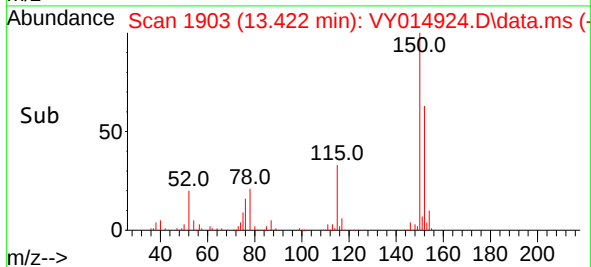
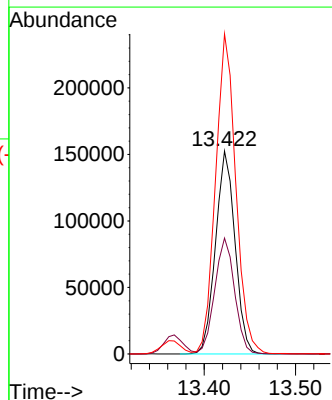
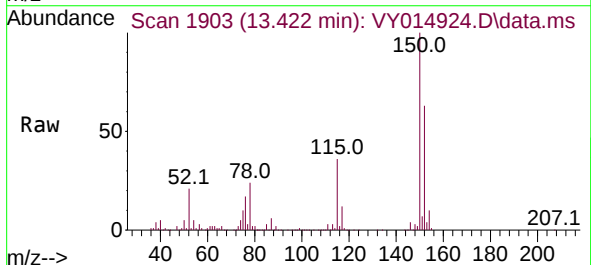
Tgt Ion:152 Resp: 226147

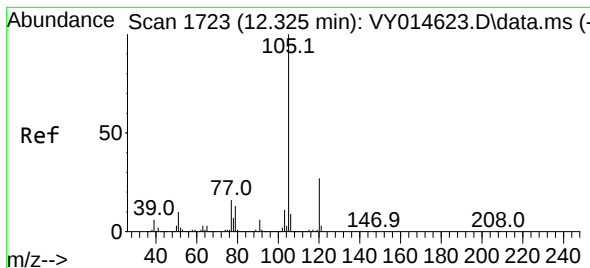
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 163.9 0.0 348.8





#73

Isopropylbenzene

Concen: 17.512 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

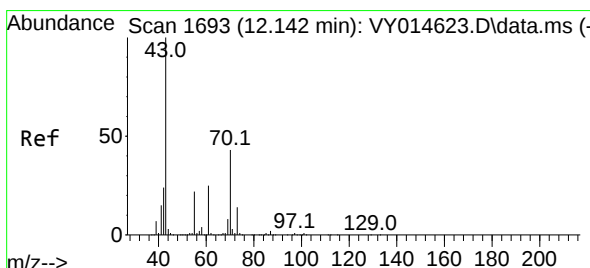
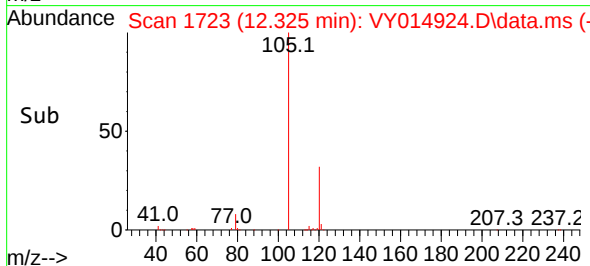
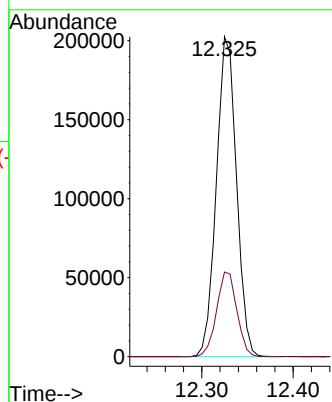
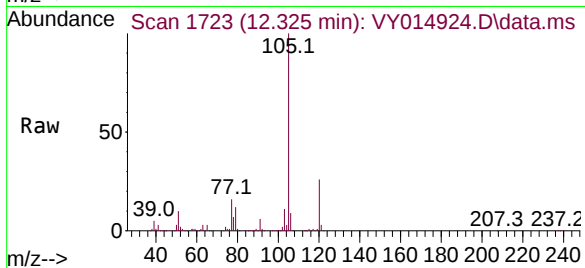
VY0801SBSD01

Tgt Ion:105 Resp: 310092

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 17.290 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Tgt Ion: 43 Resp: 102542

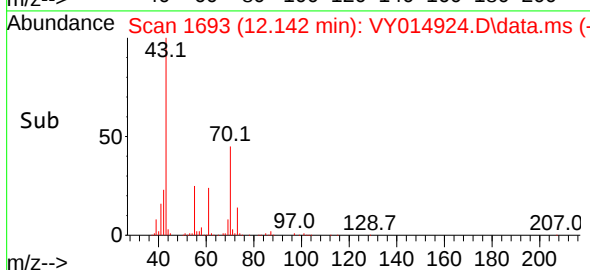
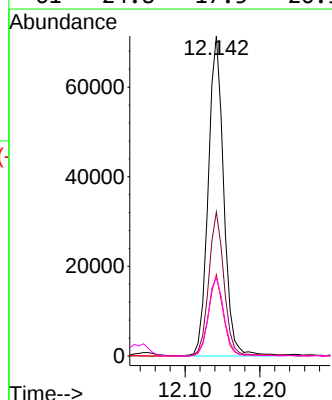
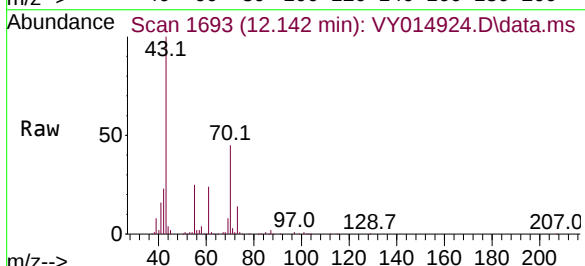
Ion Ratio Lower Upper

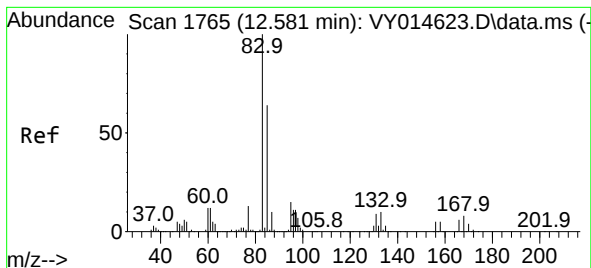
43 100

70 44.2 29.7 44.5

55 24.3 18.3 27.5

61 24.8 17.5 26.3

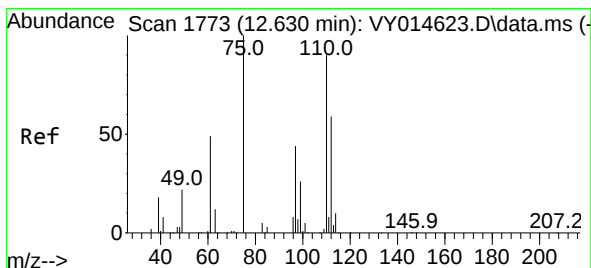
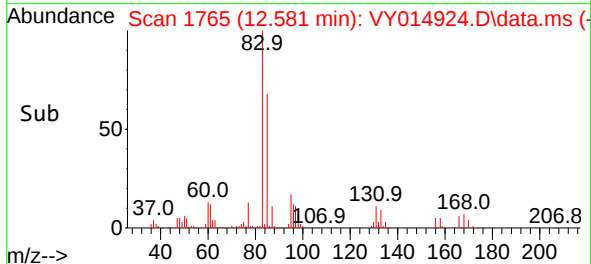
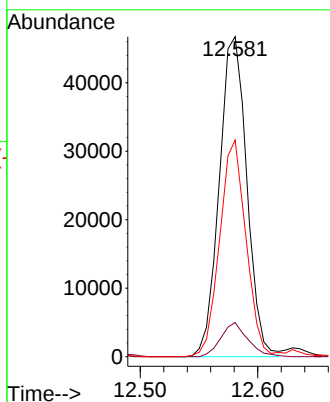
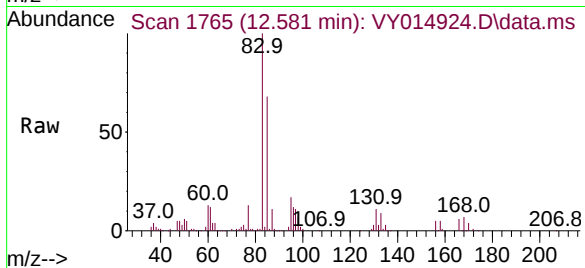




#75
1,1,2,2-Tetrachloroethane
Concen: 18.844 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

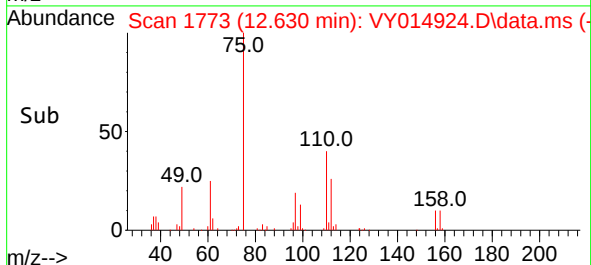
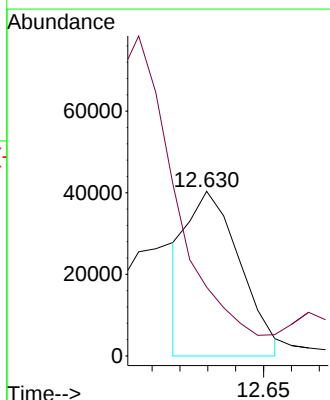
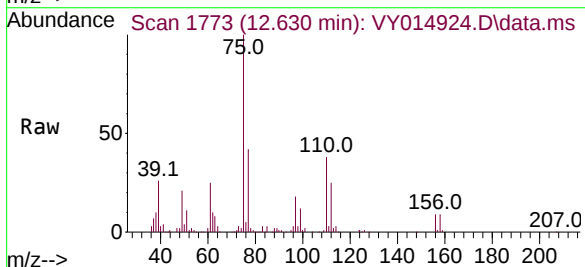
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

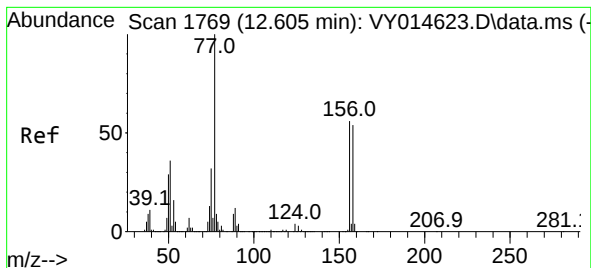
Tgt Ion: 83 Resp: 76094
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 65.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 18.682 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 75 Resp: 53358
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.635 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBS01

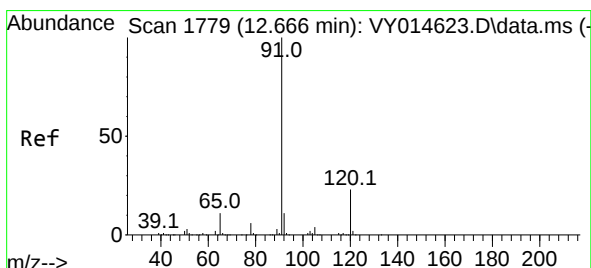
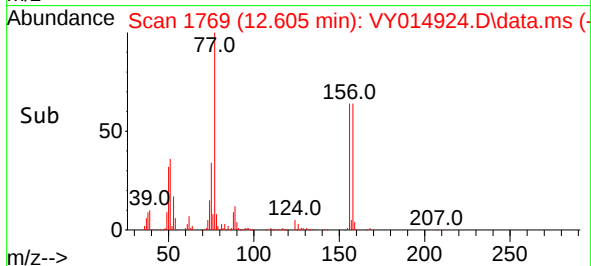
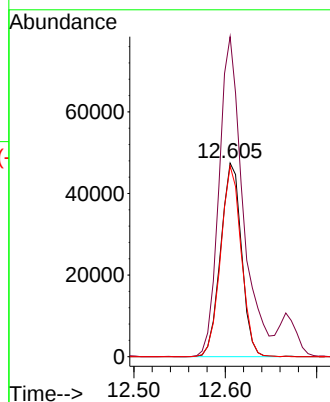
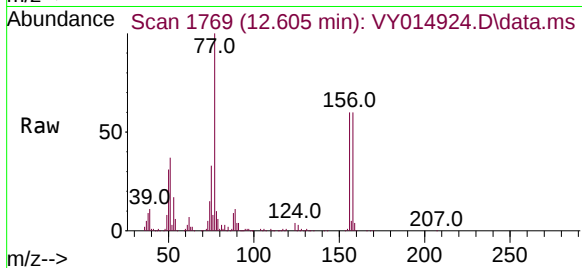
Tgt Ion:156 Resp: 75322

Ion Ratio Lower Upper

156 100

77 188.3 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 17.593 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014924.D

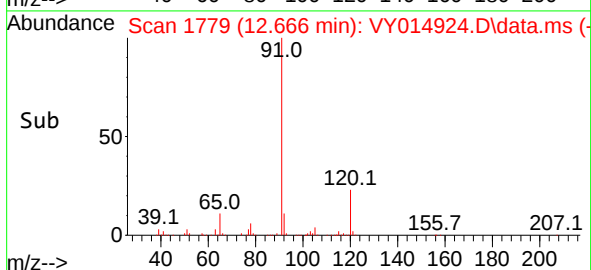
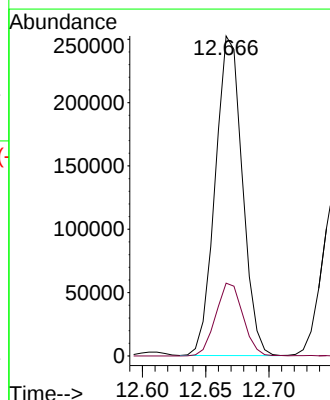
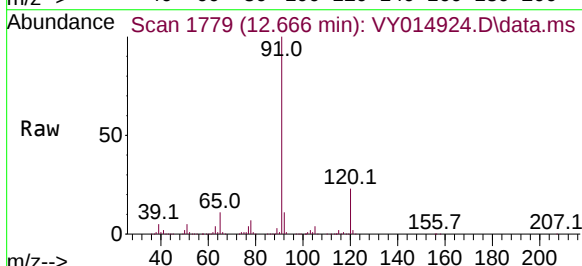
Acq: 01 Aug 2023 12:12

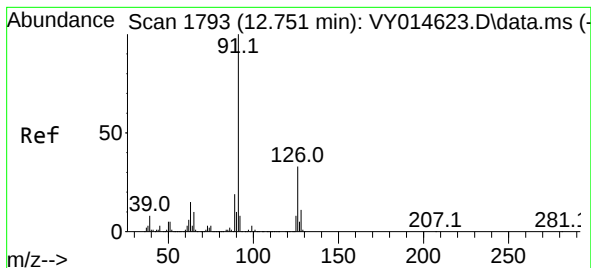
Tgt Ion: 91 Resp: 375384

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

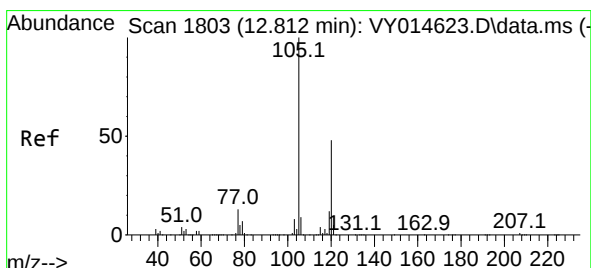
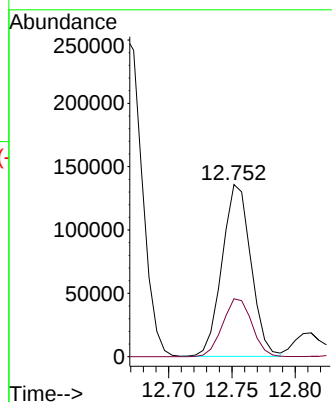
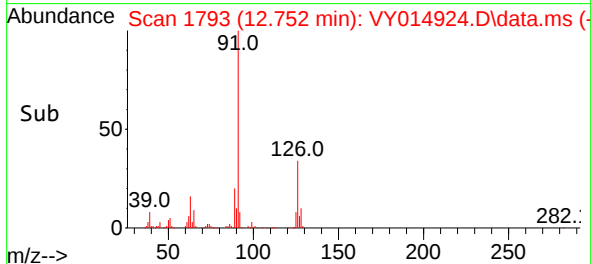
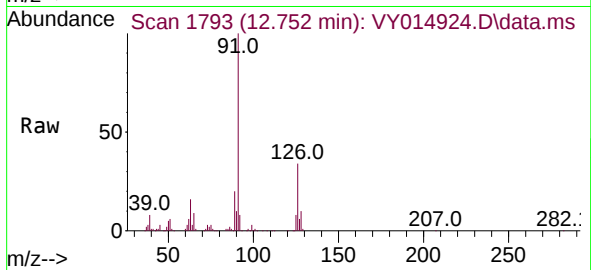




#79
2-Chlorotoluene
Concen: 17.503 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

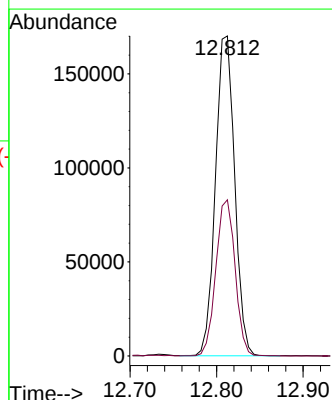
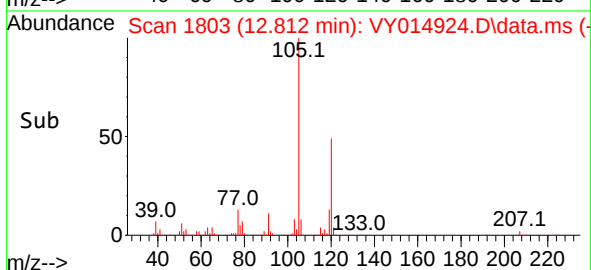
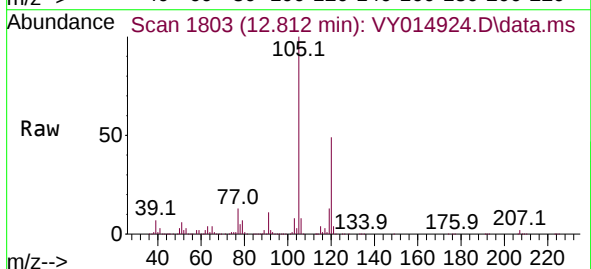
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBS01

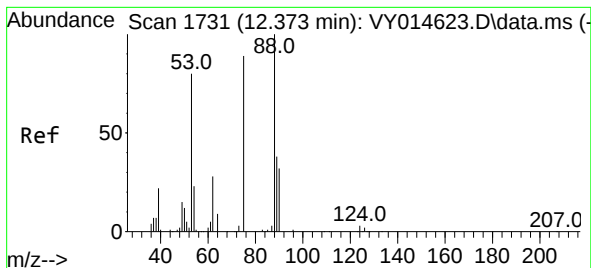
Tgt Ion: 91 Resp: 215119
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 17.709 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 105 Resp: 261882
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

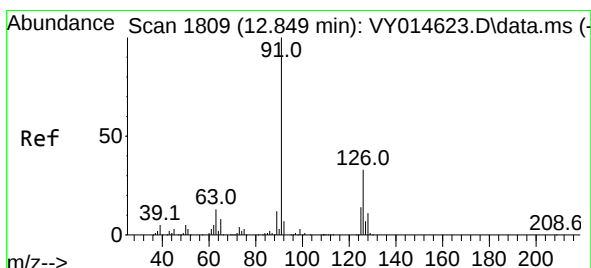
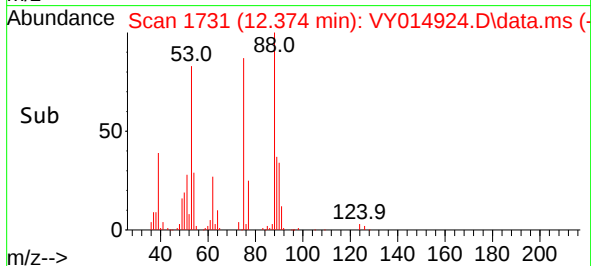
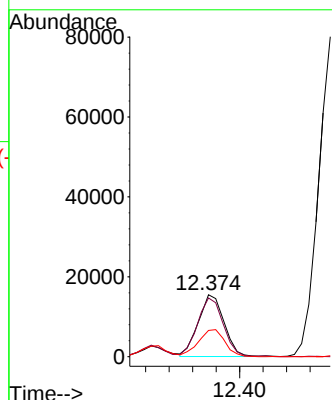
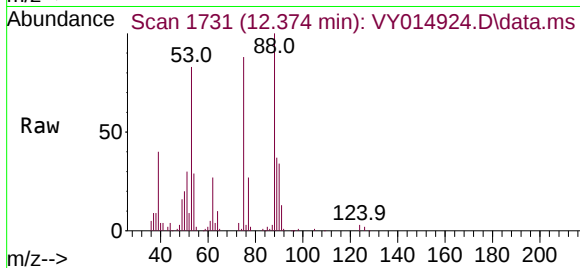




#81
trans-1,4-Dichloro-2-butene
Concen: 15.983 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

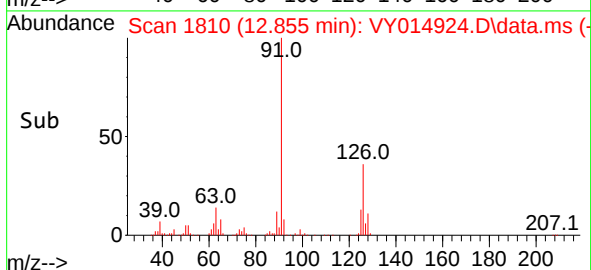
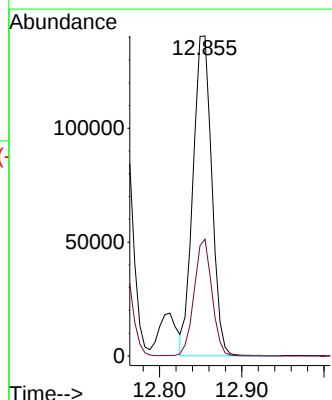
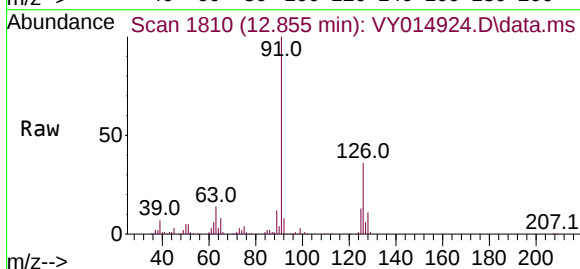
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBSD01

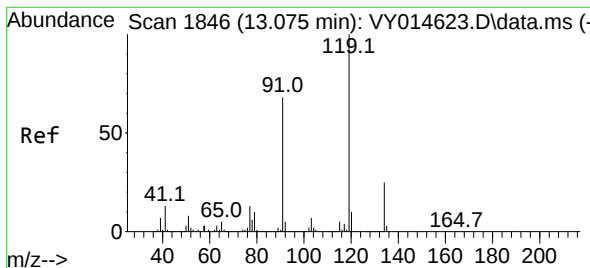
Tgt Ion: 75 Resp: 23577
Ion Ratio Lower Upper
75 100
53 95.3 77.8 116.8
89 44.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 17.546 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014924.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 91 Resp: 222084
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.520 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

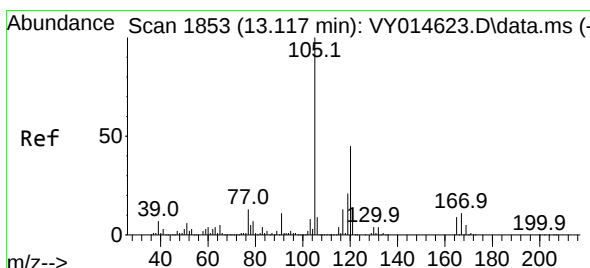
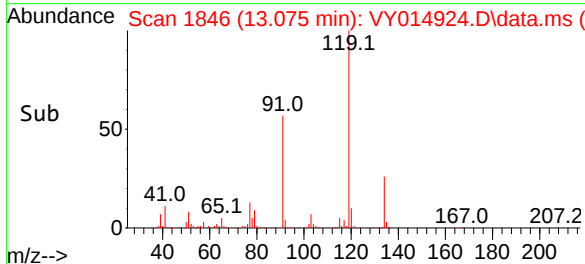
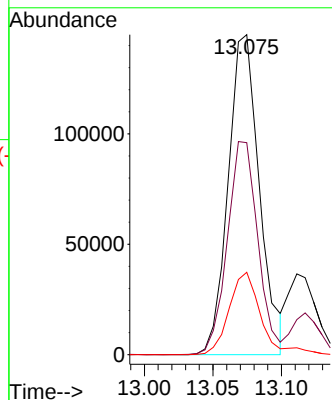
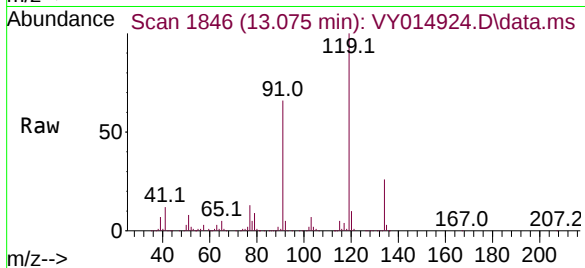
Tgt Ion:119 Resp: 229827

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.082 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014924.D

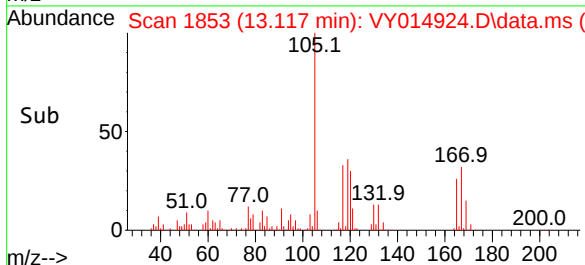
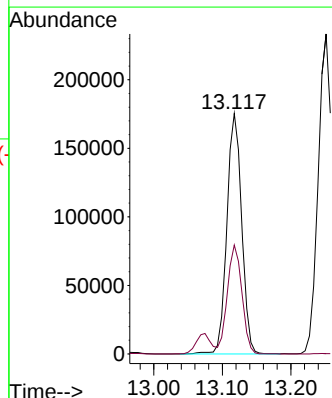
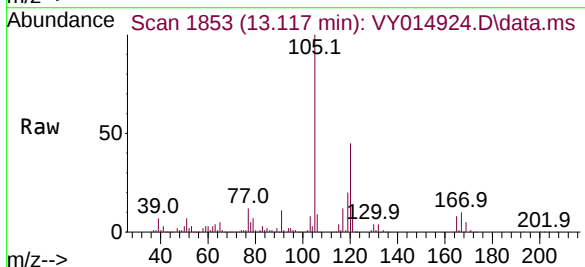
Acq: 01 Aug 2023 12:12

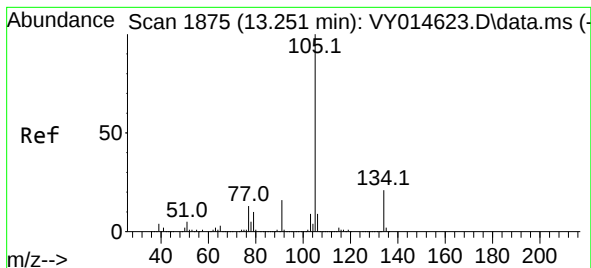
Tgt Ion:105 Resp: 262416

Ion Ratio Lower Upper

105 100

120 44.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.732 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

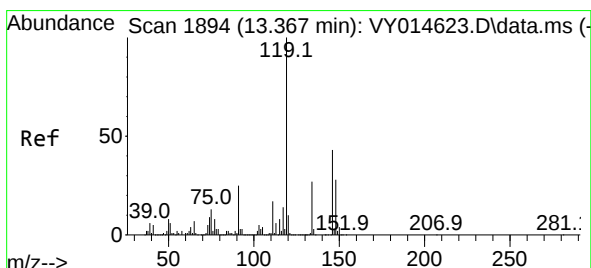
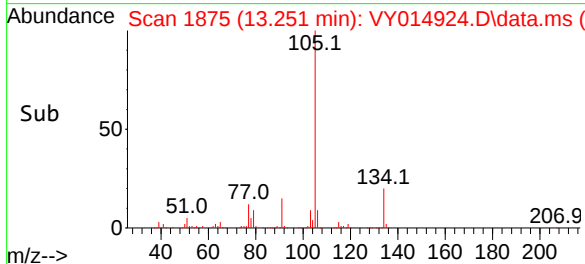
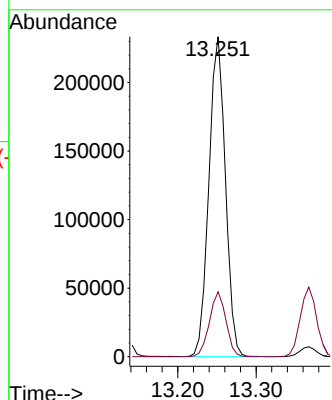
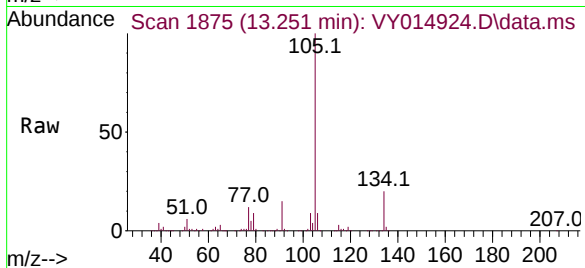
VY0801SBSD01

Tgt Ion:105 Resp: 341223

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 17.870 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

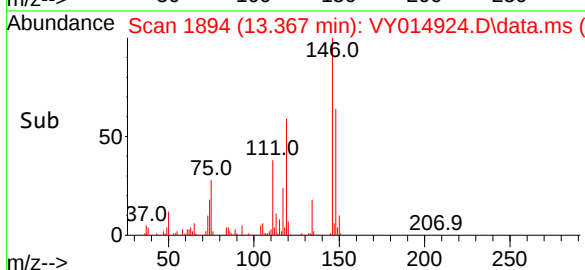
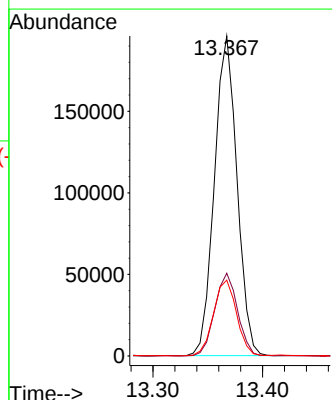
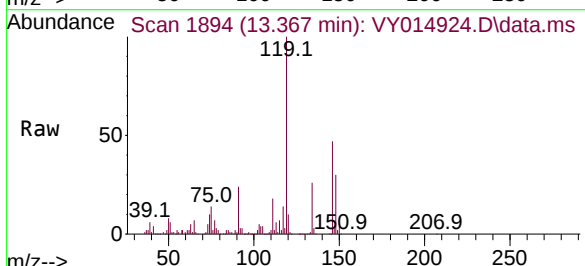
Tgt Ion:119 Resp: 280772

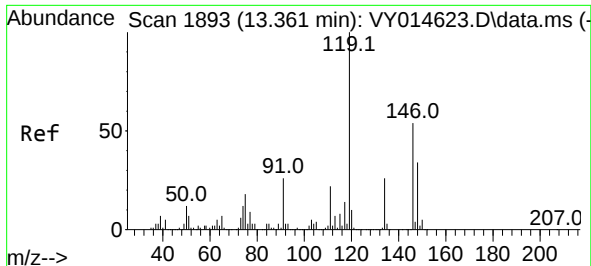
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.3 12.4 37.4

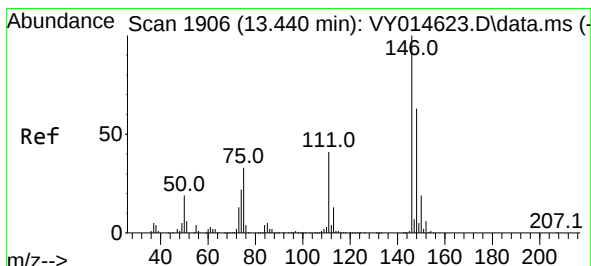
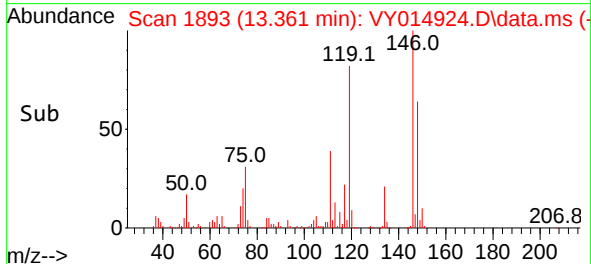
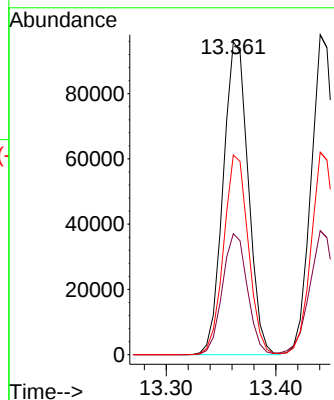
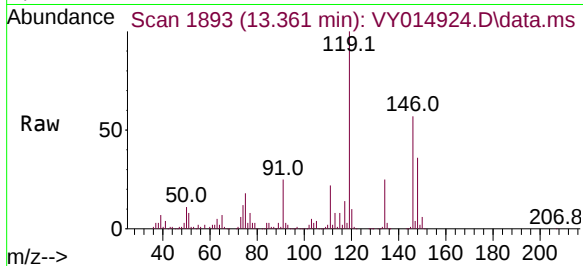




#87
 1,3-Dichlorobenzene
 Concen: 19.385 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

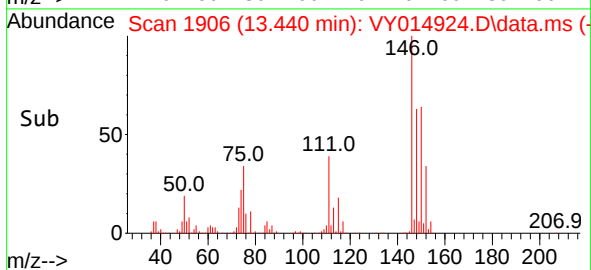
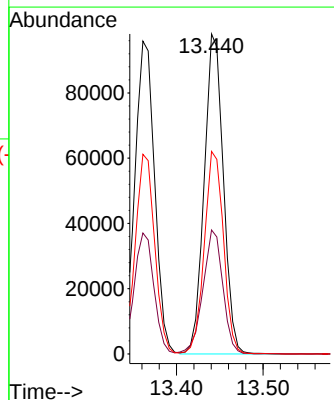
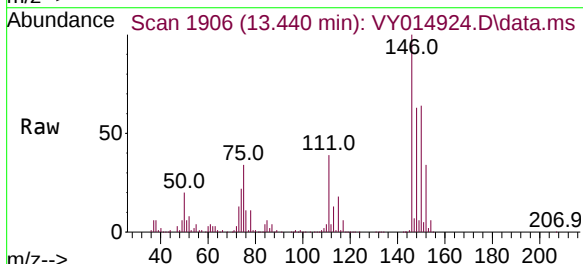
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBSD01

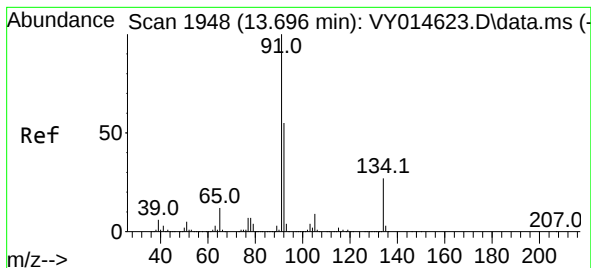
Tgt Ion:146 Resp: 152496
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.108 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014924.D
 Acq: 01 Aug 2023 12:12

Tgt Ion:146 Resp: 150630
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.9 56.7
 148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 17.557 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

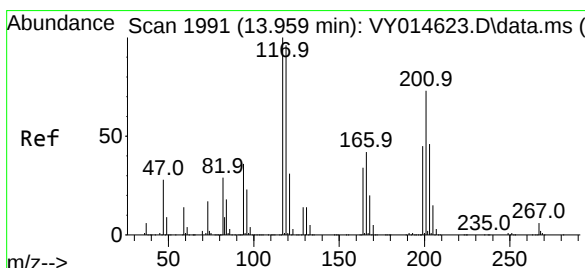
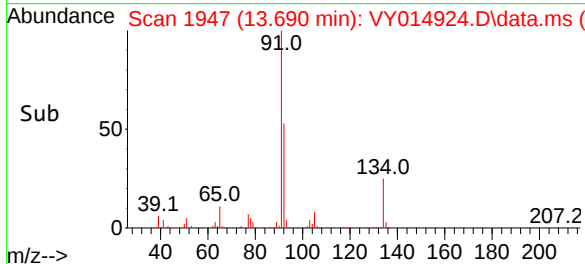
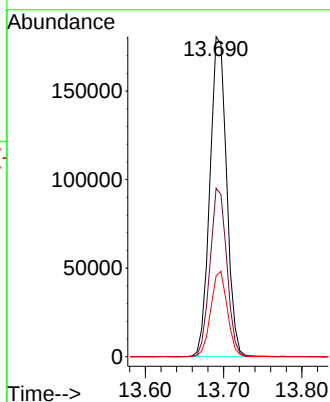
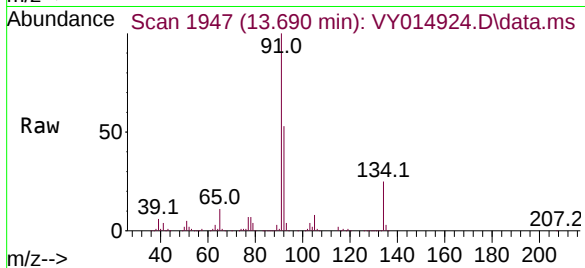
Tgt Ion: 91 Resp: 268375

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 16.903 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014924.D

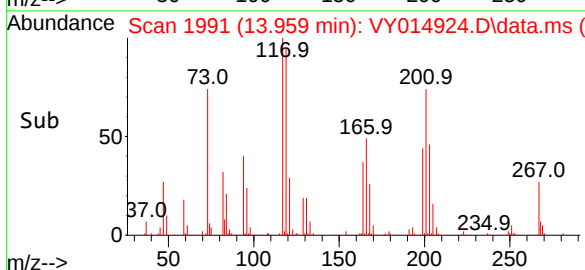
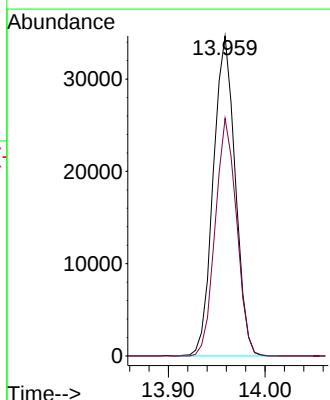
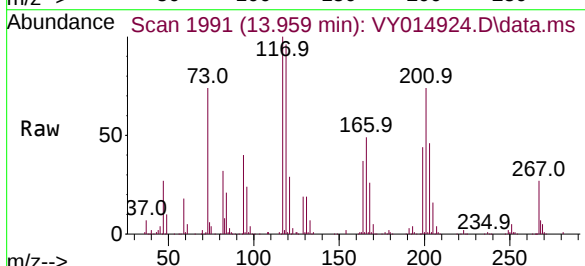
Acq: 01 Aug 2023 12:12

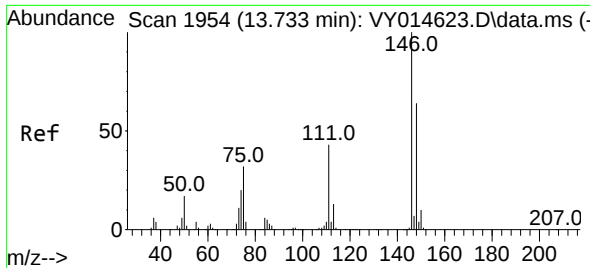
Tgt Ion: 117 Resp: 54550

Ion Ratio Lower Upper

117 100

201 72.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.226 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

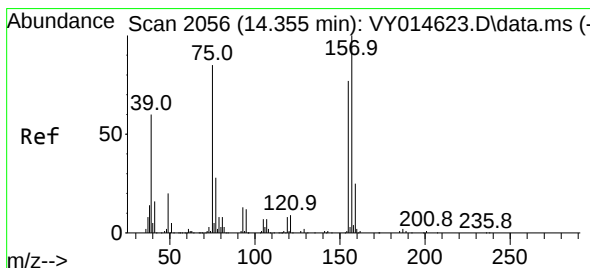
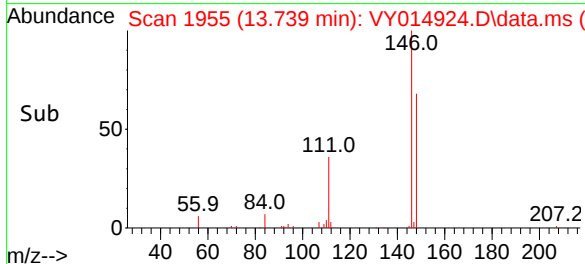
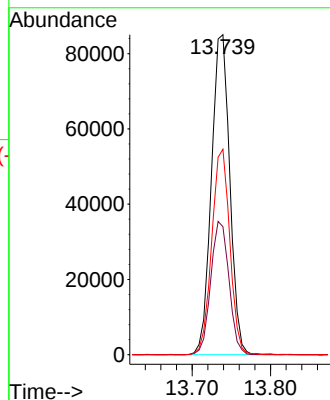
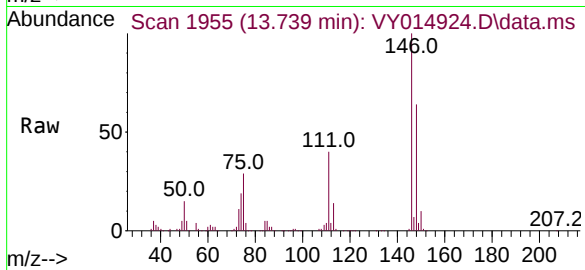
Tgt Ion:146 Resp: 138568

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.0

148 63.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.533 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

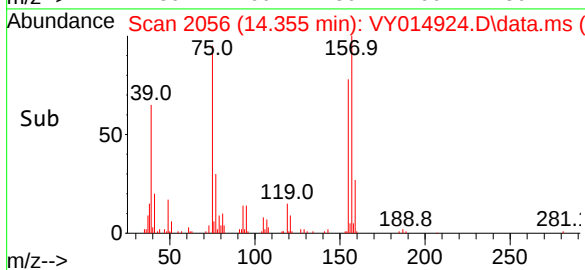
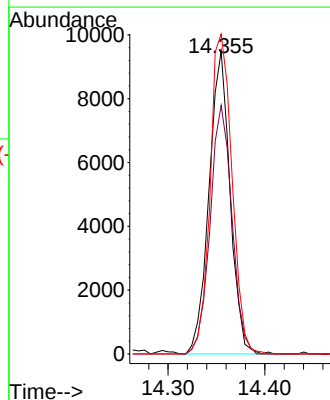
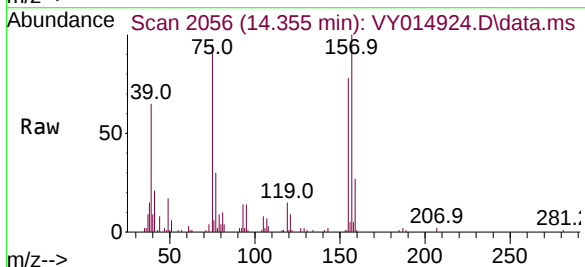
Tgt Ion: 75 Resp: 14312

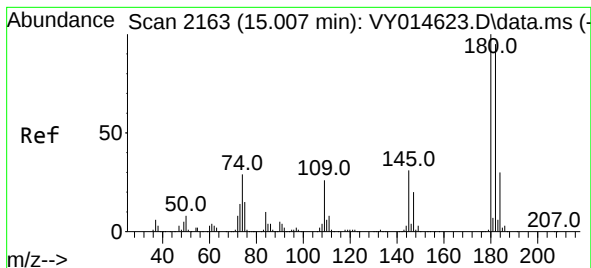
Ion Ratio Lower Upper

75 100

155 85.0 41.5 124.6

157 110.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.838 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

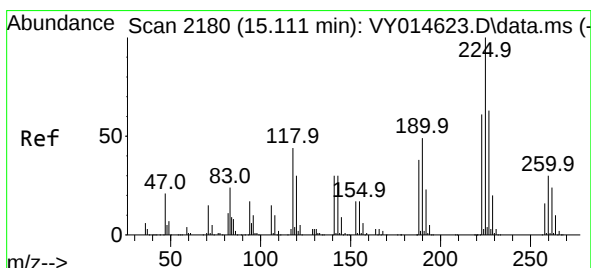
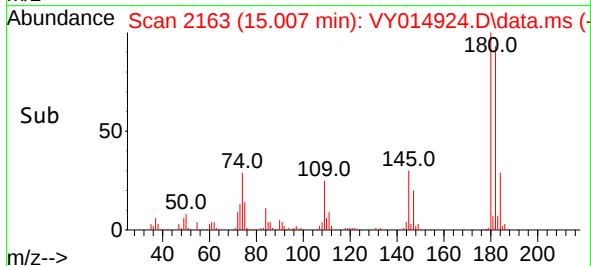
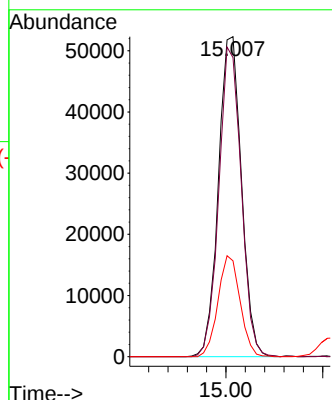
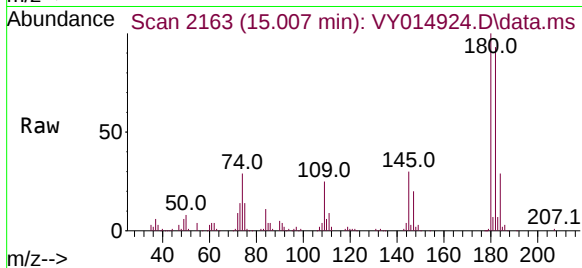
Tgt Ion:180 Resp: 86191

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.164 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

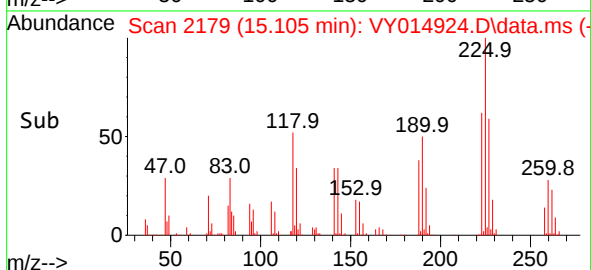
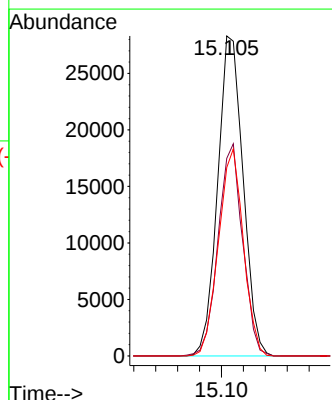
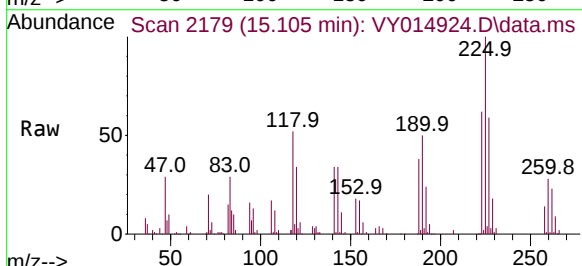
Tgt Ion:225 Resp: 45670

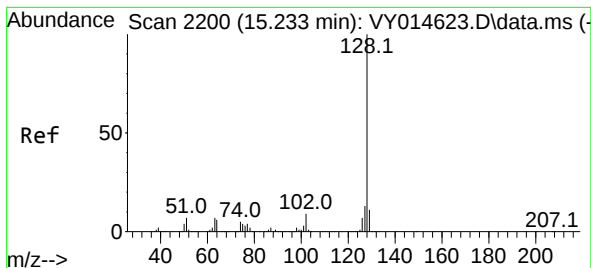
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 18.785 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBSD01

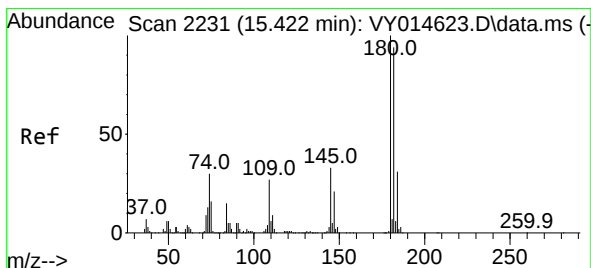
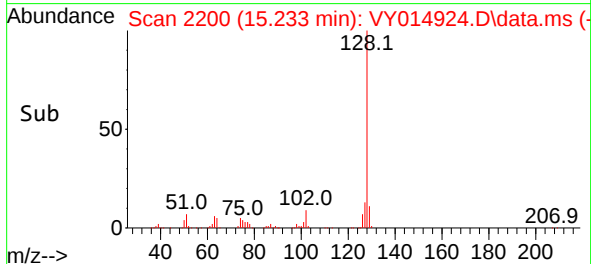
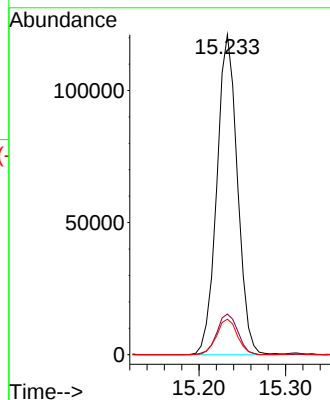
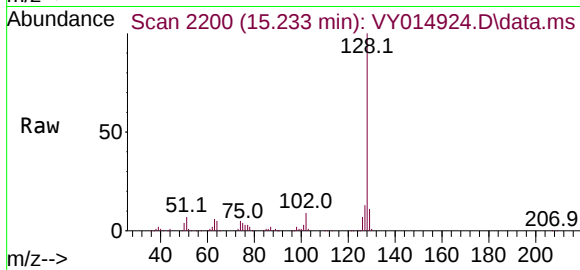
Tgt Ion:128 Resp: 200240

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.992 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014924.D

Acq: 01 Aug 2023 12:12

Tgt Ion:180 Resp: 77225

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 33.1 15.4 46.2

