

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022684.D
 Acq On : 13 Jun 2025 09:42
 Operator : SY/MD
 Sample : VY0613SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

Quant Time: Jun 14 02:00:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	150797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	258034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	218244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	102780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83382	49.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.880%
35) Dibromofluoromethane	7.634	113	77902	50.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.103	98	312009	50.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.402	95	89227	48.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	29485	21.839	ug/l	99
3) Chloromethane	2.068	50	81220	20.364	ug/l	100
4) Vinyl Chloride	2.202	62	115562	24.976	ug/l	94
5) Bromomethane	2.586	94	105610	23.814	ug/l	99
6) Chloroethane	2.733	64	82057	25.838	ug/l	95
7) Trichlorofluoromethane	3.050	101	103187	26.270	ug/l	97
8) Diethyl Ether	3.452	74	18929	21.399	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	36138	21.844	ug/l	99
10) Methyl Iodide	3.995	142	32852	18.350	ug/l	99
11) Tert butyl alcohol	4.866	59	12381	102.780	ug/l #	73
12) 1,1-Dichloroethene	3.781	96	36012	22.773	ug/l	96
13) Acrolein	3.653	56	11004	73.299	ug/l	97
14) Allyl chloride	4.373	41	49863	20.086	ug/l	96
15) Acrylonitrile	5.049	53	39062	104.266	ug/l	99
16) Acetone	3.873	43	51527	150.435	ug/l	99
17) Carbon Disulfide	4.104	76	103208	20.386	ug/l	100
18) Methyl Acetate	4.385	43	20248	19.963	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	93595	21.013	ug/l	96
20) Methylene Chloride	4.610	84	42946	22.073	ug/l	97
21) trans-1,2-Dichloroethene	5.104	96	38708	21.871	ug/l	83
22) Diisopropyl ether	6.013	45	114983	20.808	ug/l	96
23) Vinyl Acetate	5.958	43	332718	101.730	ug/l	98
24) 1,1-Dichloroethane	5.909	63	72845	22.377	ug/l	98
25) 2-Butanone	6.890	43	61166	123.801	ug/l	97
26) 2,2-Dichloropropane	6.878	77	63588	22.108	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	45228	22.109	ug/l	98
28) Bromochloromethane	7.244	49	30550	21.529	ug/l	99
29) Tetrahydrofuran	7.256	42	32490	101.959	ug/l	99
30) Chloroform	7.421	83	73364	22.753	ug/l	92
31) Cyclohexane	7.701	56	64509	19.905	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	64696	22.603	ug/l	98
36) 1,1-Dichloropropene	7.835	75	53611	21.447	ug/l	99
37) Ethyl Acetate	6.982	43	23024	20.654	ug/l	98
38) Carbon Tetrachloride	7.817	117	55727	21.732	ug/l	96
39) Methylcyclohexane	9.110	83	68247	20.317	ug/l	96
40) Benzene	8.073	78	160031	21.676	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	31692	48.673	ug/l #	36
42) 1,2-Dichloroethane	8.152	62	43473	21.565	ug/l	96
43) Isopropyl Acetate	8.195	43	47081	19.556	ug/l #	85
44) Trichloroethene	8.860	130	39301	21.780	ug/l	98
45) 1,2-Dichloropropane	9.140	63	37307	21.381	ug/l	97
46) Dibromomethane	9.231	93	21103	21.498	ug/l	98
47) Bromodichloromethane	9.420	83	53155	21.355	ug/l	89
48) Methyl methacrylate	9.219	41	21353	18.898	ug/l	93
49) 1,4-Dioxane	9.231	88	4793	412.145	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	118529	98.749	ug/l	97
52) Toluene	10.170	92	98964	21.330	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	47213	20.244	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	57640	21.232	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	27815	22.222	ug/l	93
56) Ethyl methacrylate	10.439	69	35344	19.537	ug/l	99
57) 1,3-Dichloropropane	10.713	76	47865	21.575	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	84459	102.826	ug/l	99
59) 2-Hexanone	10.756	43	89368	111.326	ug/l	99
60) Dibromochloromethane	10.908	129	33267	20.914	ug/l	99
61) 1,2-Dibromoethane	11.012	107	25158	22.052	ug/l	93
64) Tetrachloroethene	10.646	164	44177	23.531	ug/l	96
65) Chlorobenzene	11.438	112	102432	21.210	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	35060	21.550	ug/l	97
67) Ethyl Benzene	11.518	91	185689	20.730	ug/l	99
68) m/p-Xylenes	11.627	106	141156	41.569	ug/l	99
69) o-Xylene	11.951	106	64269	20.187	ug/l	99
70) Styrene	11.969	104	107150	20.360	ug/l	99
71) Bromoform	12.127	173	18022	20.816	ug/l #	98
73) Isopropylbenzene	12.249	105	173690	20.584	ug/l	99
74) N-amyl acetate	12.066	43	40697	19.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	27997	20.216	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	38616	32.841	ug/l #	100
77) Bromobenzene	12.530	156	36510	20.504	ug/l	98
78) n-propylbenzene	12.591	91	212620	20.630	ug/l	100
79) 2-Chlorotoluene	12.676	91	111553	20.422	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	136965	20.675	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	8938	18.357	ug/l	96
82) 4-Chlorotoluene	12.774	91	113506	20.143	ug/l	99
83) tert-Butylbenzene	12.993	119	126110	21.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	132674	20.024	ug/l	98
85) sec-Butylbenzene	13.170	105	188934	20.748	ug/l	100
86) p-Isopropyltoluene	13.286	119	152138	20.269	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	74183	20.562	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	71130	20.327	ug/l	98
89) n-Butylbenzene	13.615	91	147250	20.677	ug/l	99
90) Hexachloroethane	13.877	117	30589	20.933	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	64296	20.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4073	20.200	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	36006	21.552	ug/l	96
94) Hexachlorobutadiene	15.017	225	20598	22.339	ug/l	96
95) Naphthalene	15.139	128	62165	19.391	ug/l	98
96) 1,2,3-Trichlorobenzene	15.322	180	30848	21.546	ug/l	99

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QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

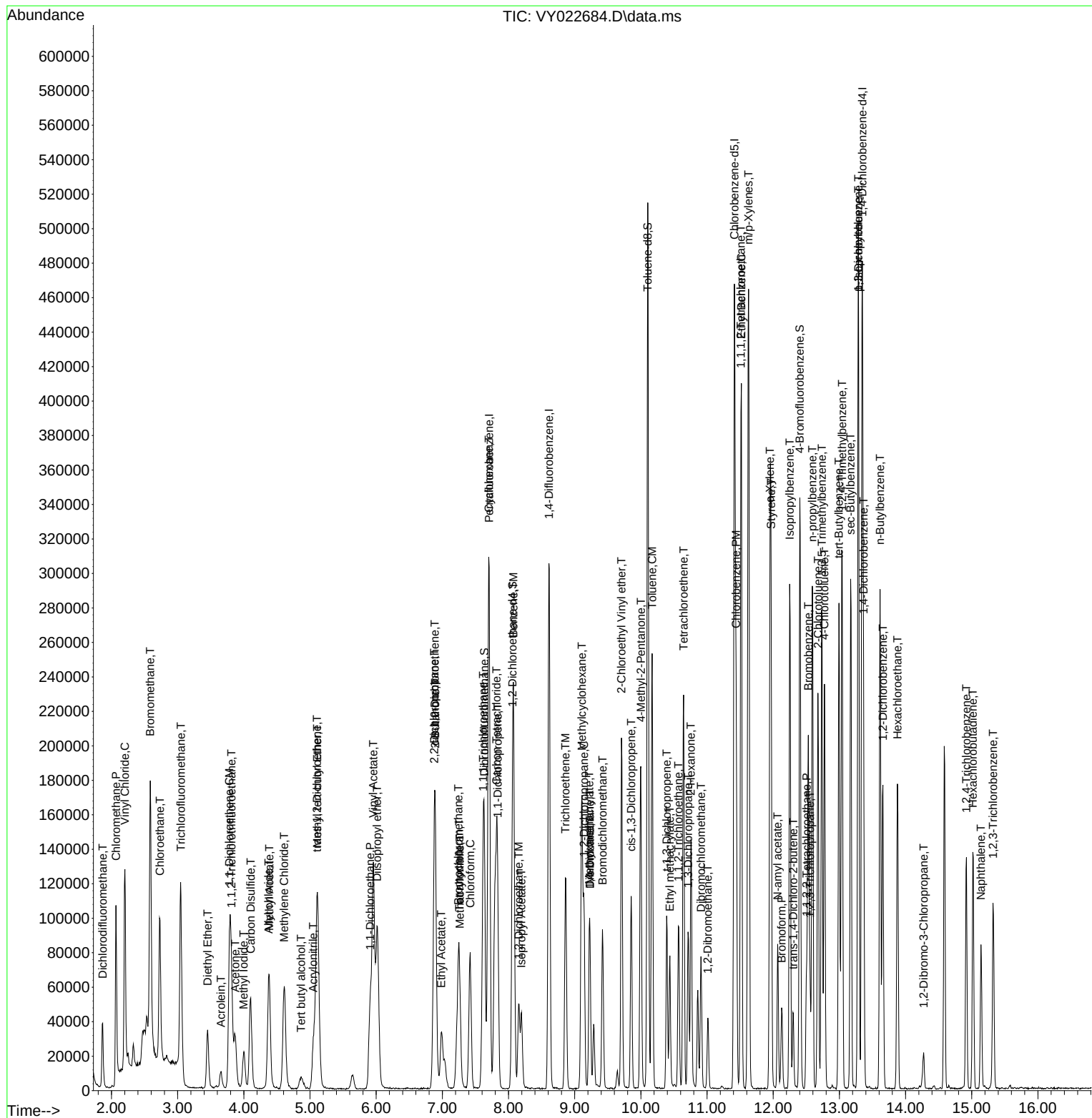
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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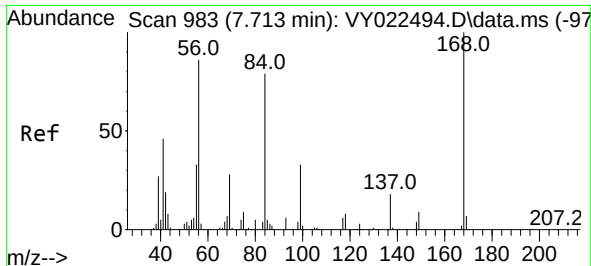
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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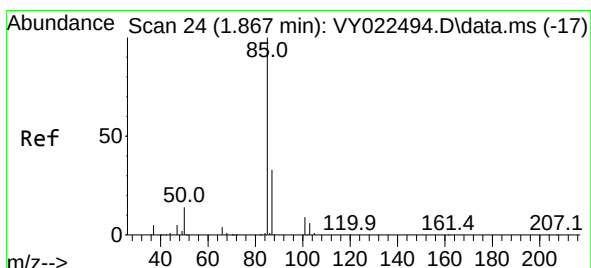
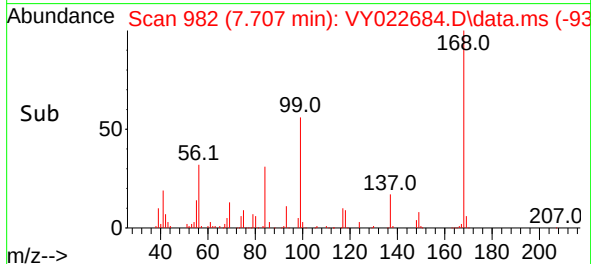
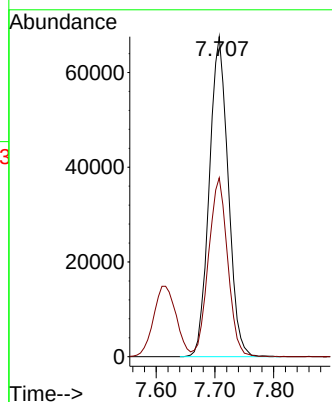
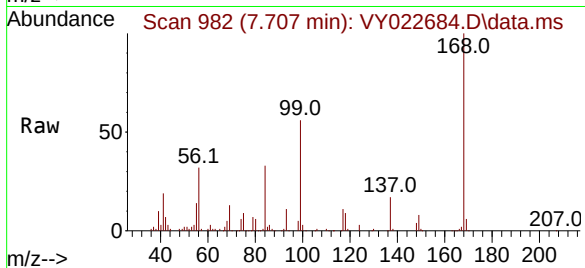




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022684.D
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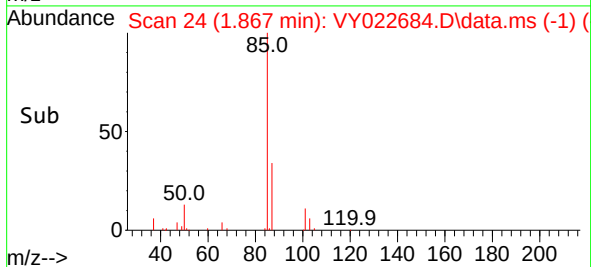
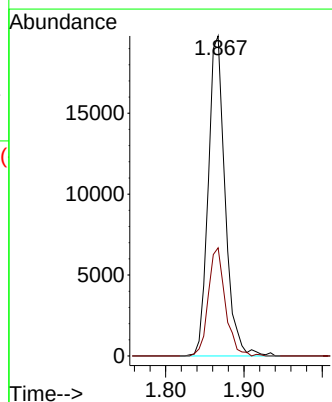
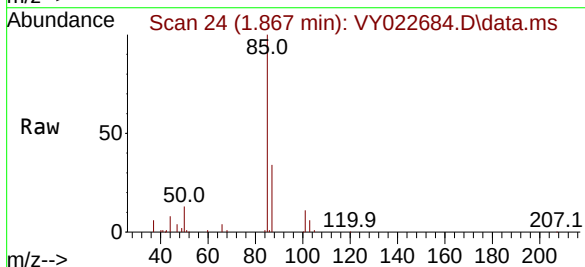
Instrument :
MSVOA_Y
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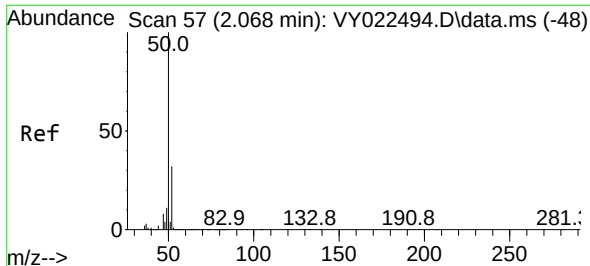
Tgt Ion:168 Resp: 150797
Ion Ratio Lower Upper
168 100
99 55.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.839 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 85 Resp: 29485
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.0

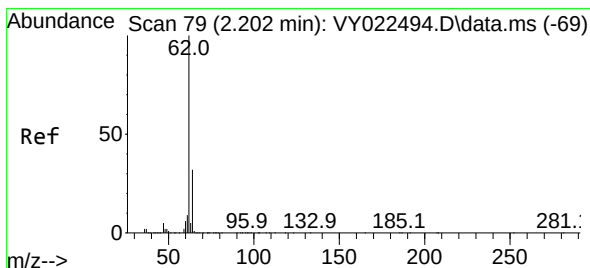
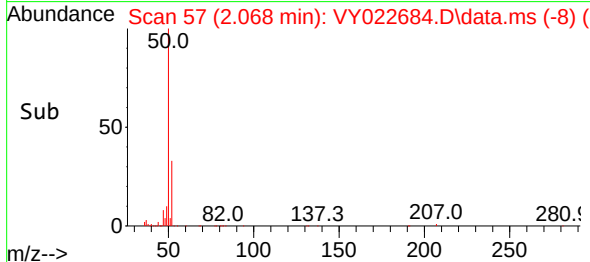
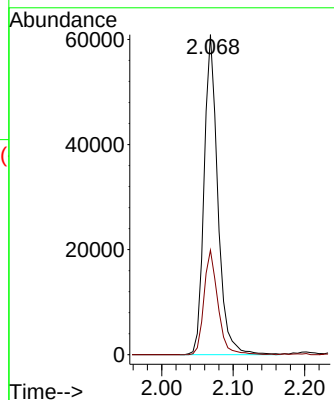
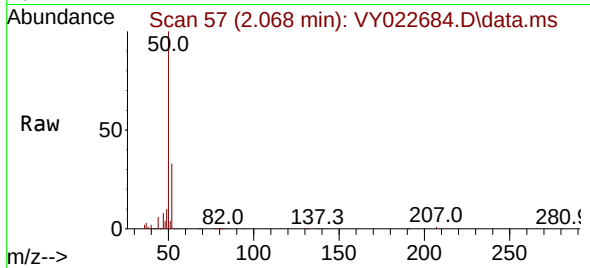




#3
Chloromethane
Concen: 20.364 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

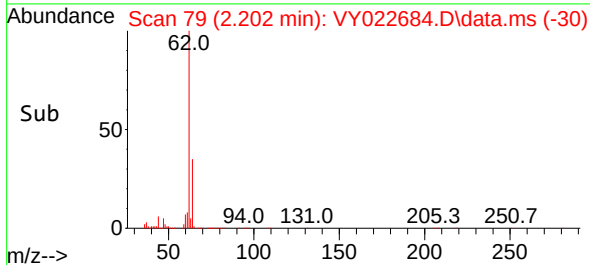
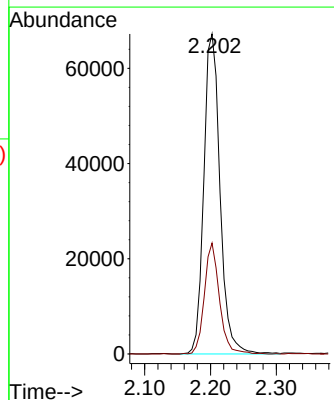
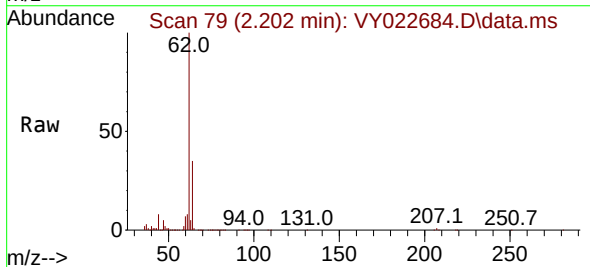
Instrument :
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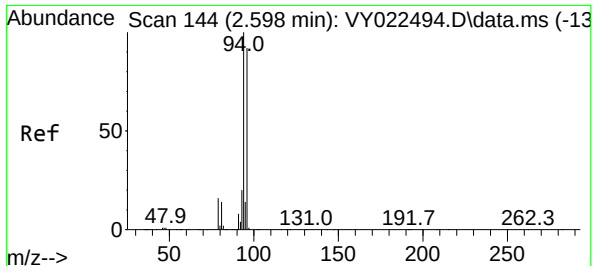
Tgt Ion: 50 Resp: 81220
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 24.976 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 62 Resp: 115562
Ion Ratio Lower Upper
62 100
64 34.7 25.3 37.9

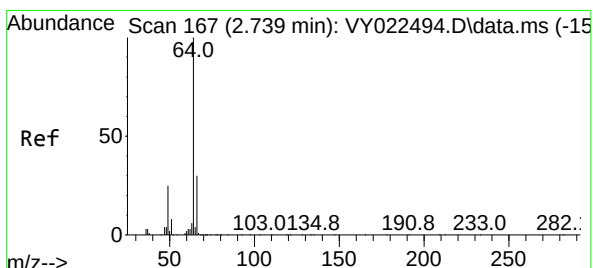
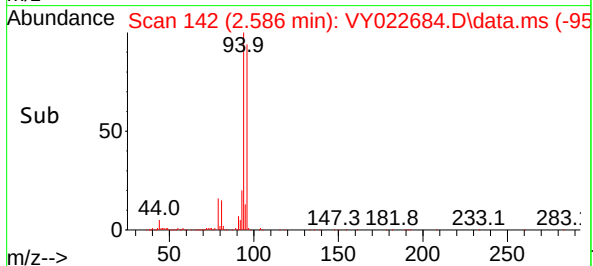
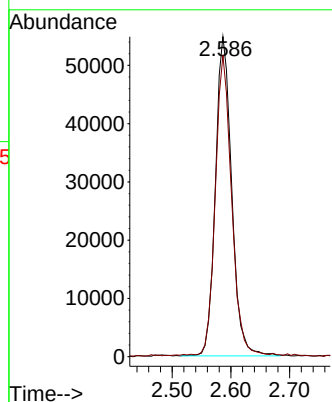
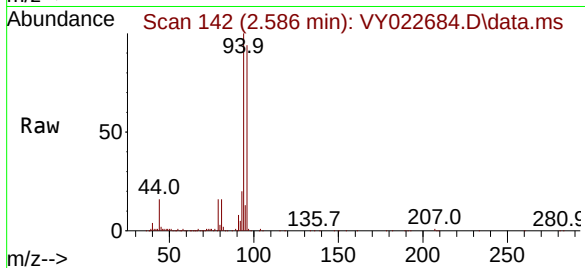




#5
Bromomethane
Concen: 23.814 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

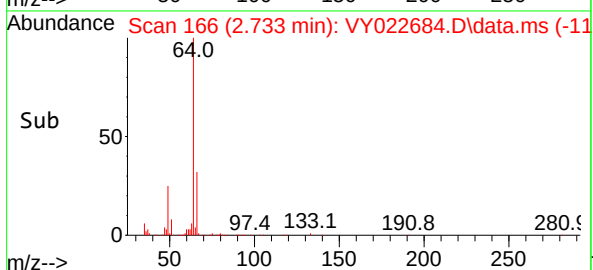
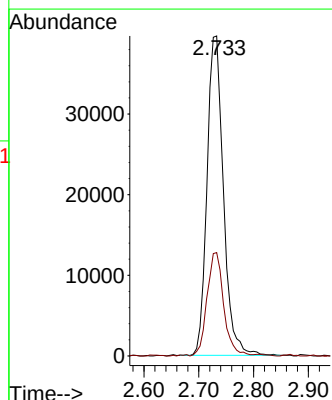
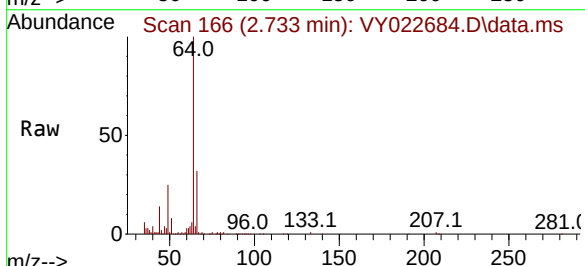
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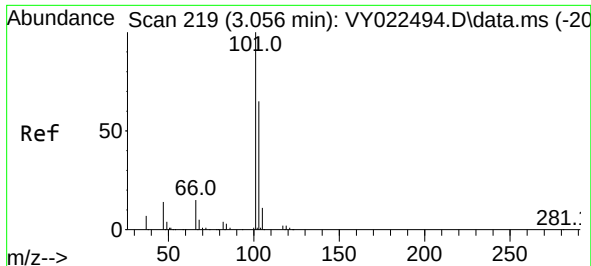
Tgt Ion: 94 Resp: 105610
Ion Ratio Lower Upper
94 100
96 93.9 74.0 111.0



#6
Chloroethane
Concen: 25.838 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 64 Resp: 82057
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6

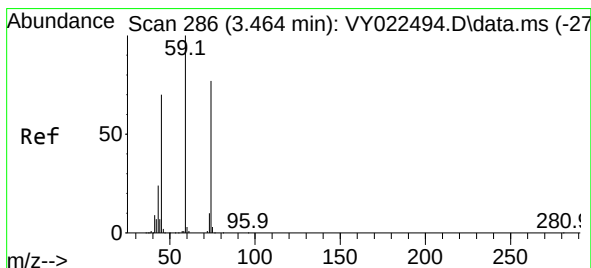
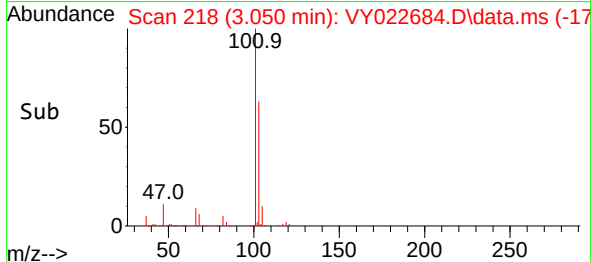
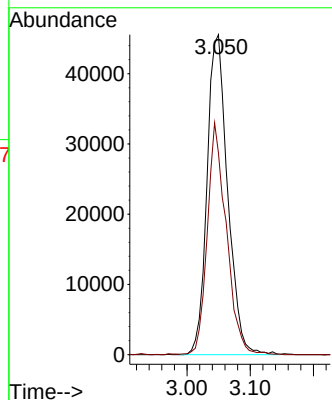
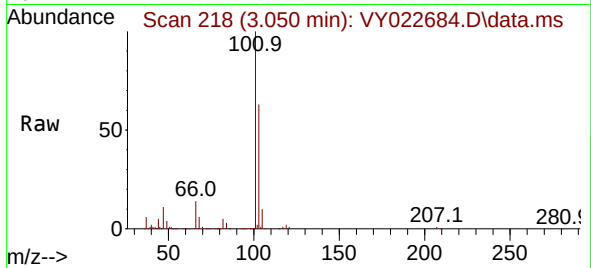




#7
Trichlorofluoromethane
Concen: 26.270 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

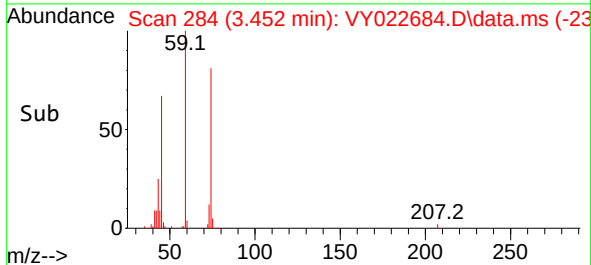
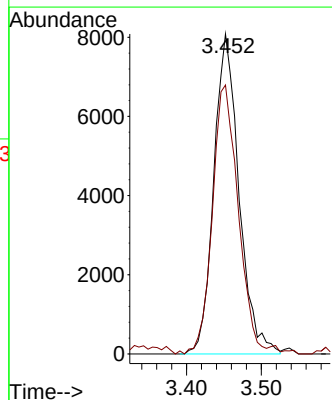
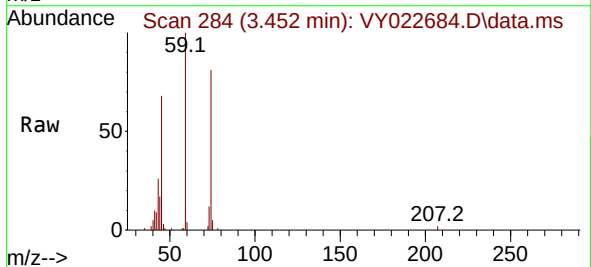
Instrument :
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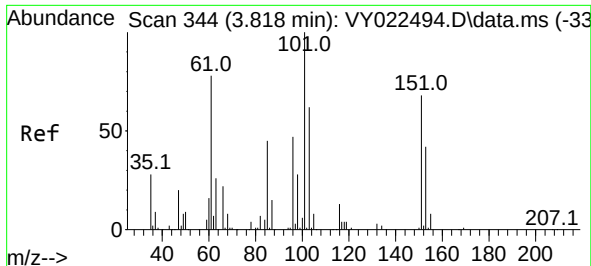
Tgt Ion:101 Resp: 103187
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.2



#8
Diethyl Ether
Concen: 21.399 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 74 Resp: 18929
Ion Ratio Lower Upper
74 100
45 86.0 45.9 137.6

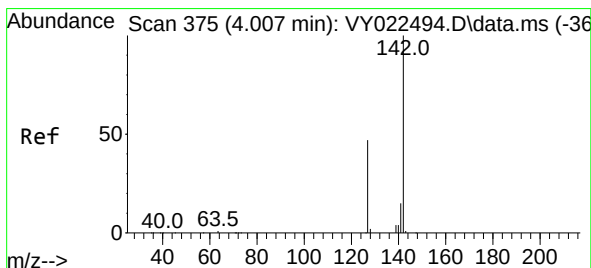
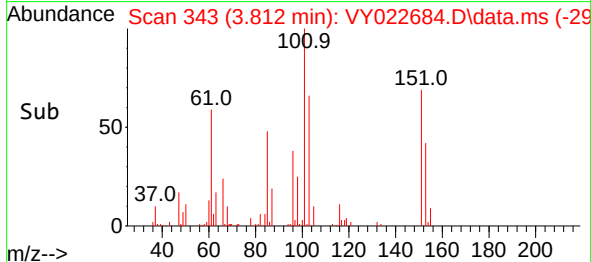
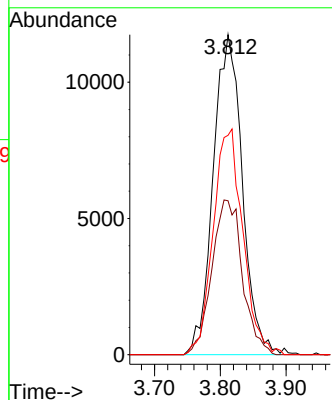
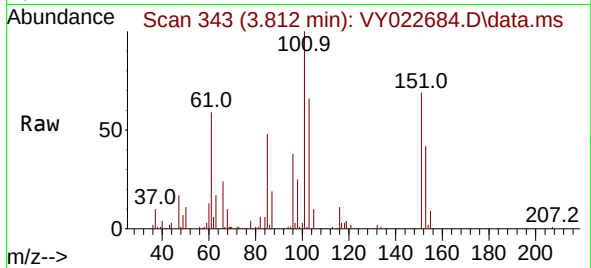




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.844 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

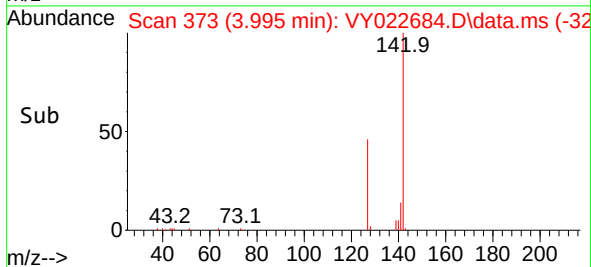
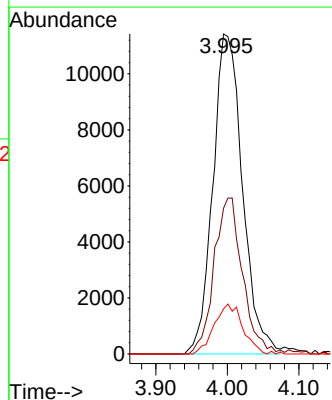
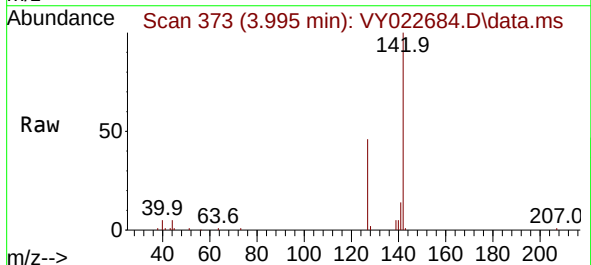
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

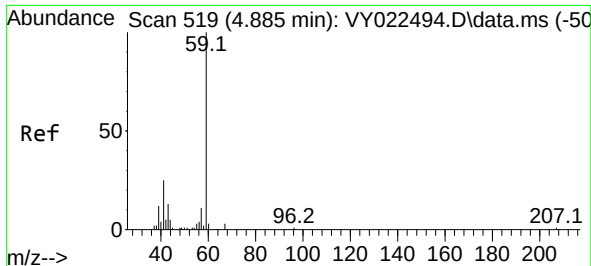
Tgt Ion:101 Resp: 36138
Ion Ratio Lower Upper
101 100
85 50.9 39.3 58.9
151 72.1 57.8 86.8



#10
Methyl Iodide
Concen: 18.350 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion:142 Resp: 32852
Ion Ratio Lower Upper
142 100
127 46.9 37.1 55.7
141 15.0 11.4 17.2

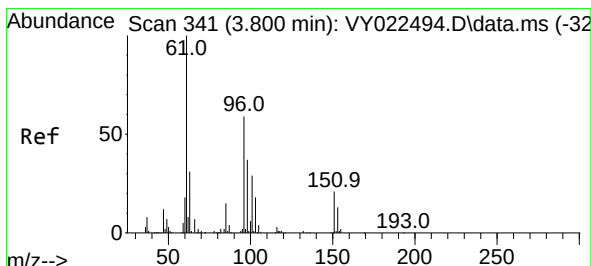
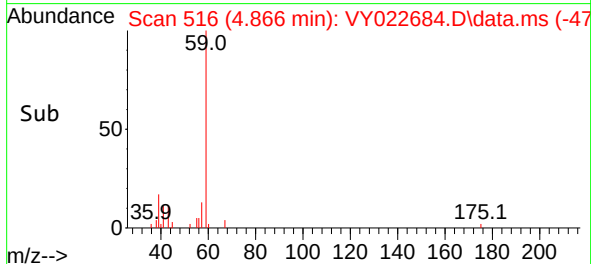
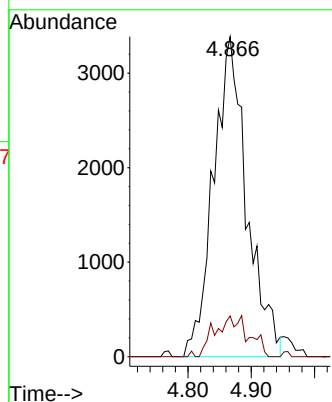
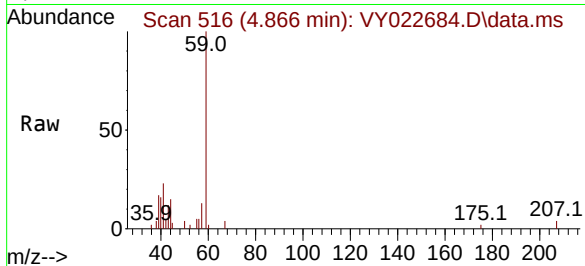




#11
Tert butyl alcohol
Concen: 102.780 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

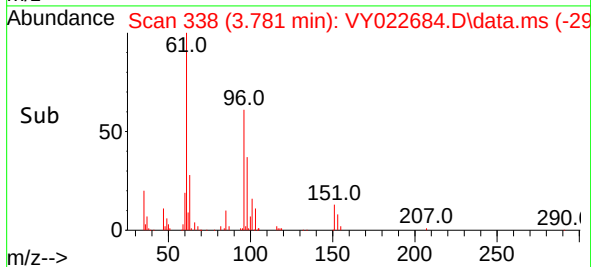
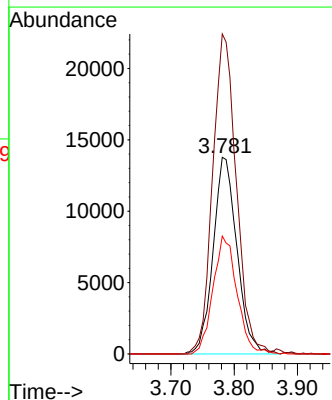
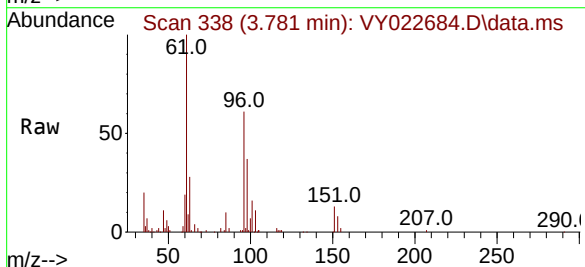
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

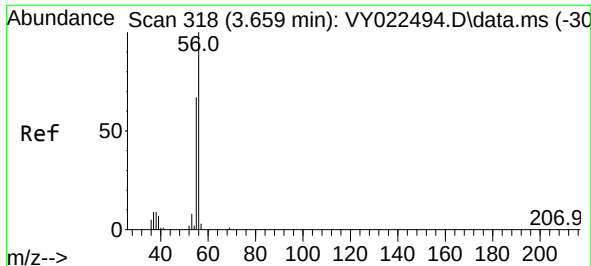
Tgt Ion: 59 Resp: 12381
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 22.773 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 96 Resp: 36012
Ion Ratio Lower Upper
96 100
61 162.7 134.6 201.8
98 59.9 50.2 75.4





#13

Acrolein

Concen: 73.299 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

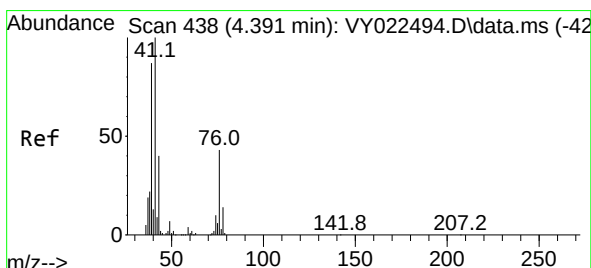
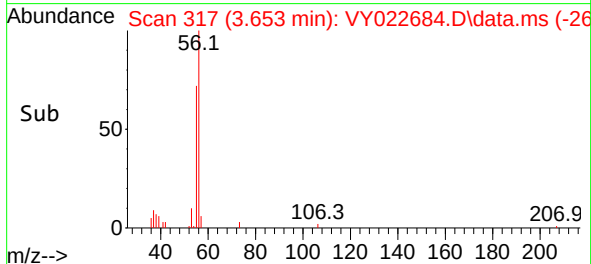
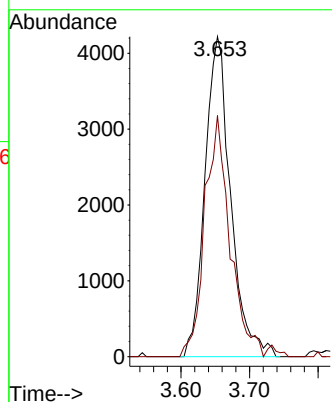
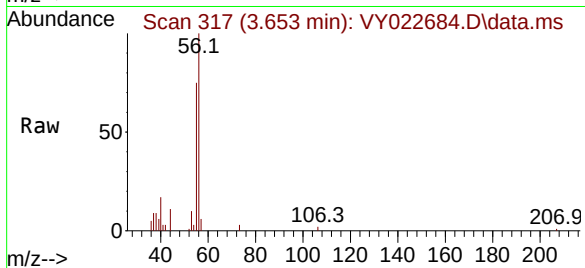
VY0613SBS01

Tgt Ion: 56 Resp: 11004

Ion Ratio Lower Upper

56 100

55 73.9 57.0 85.6



#14

Allyl chloride

Concen: 20.086 ug/l

RT: 4.373 min Scan# 435

Delta R.T. -0.018 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

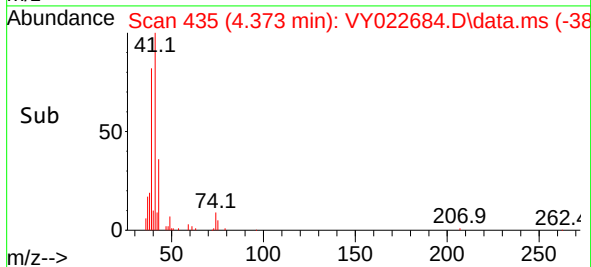
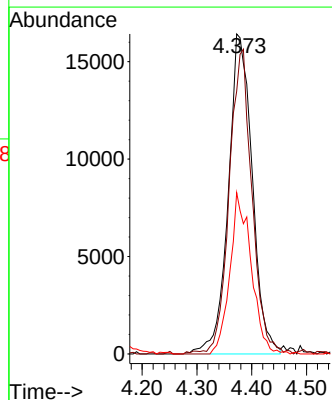
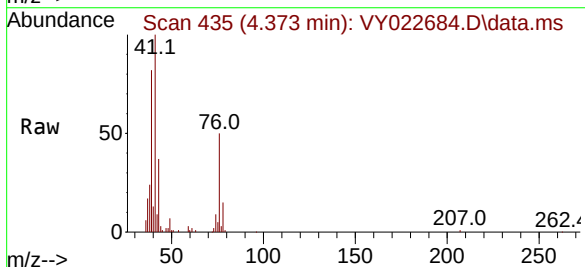
Tgt Ion: 41 Resp: 49863

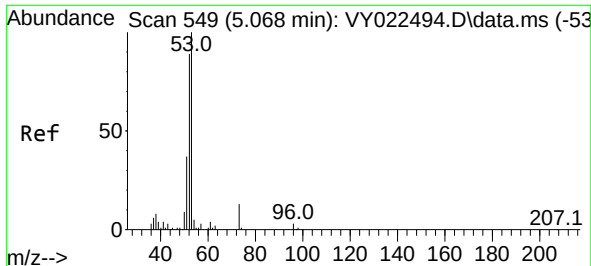
Ion Ratio Lower Upper

41 100

39 90.0 69.1 103.7

76 44.8 33.5 50.3

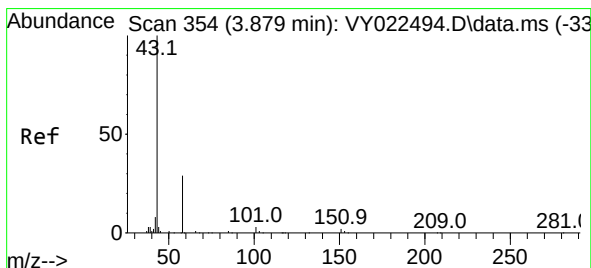
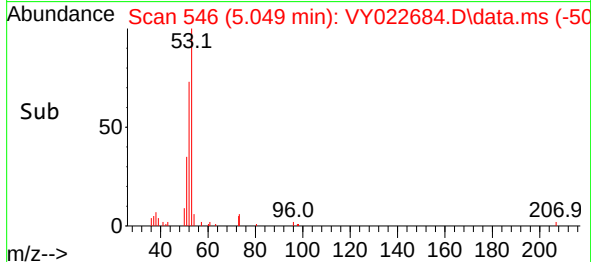
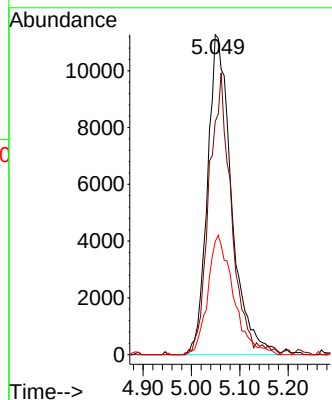
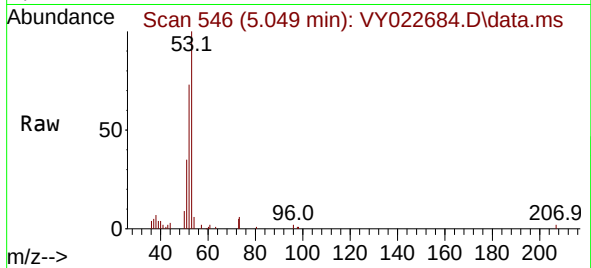




#15
Acrylonitrile
Concen: 104.266 ug/l
RT: 5.049 min Scan# 549
Delta R.T. -0.018 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

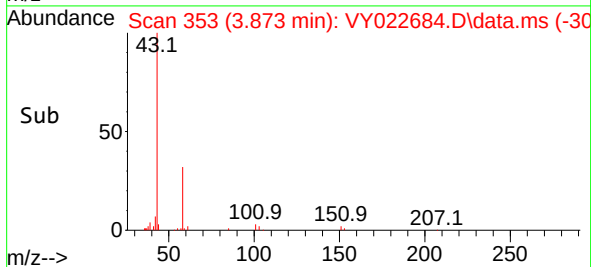
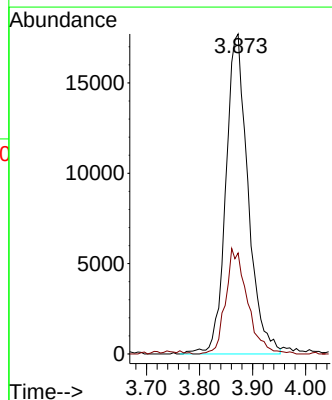
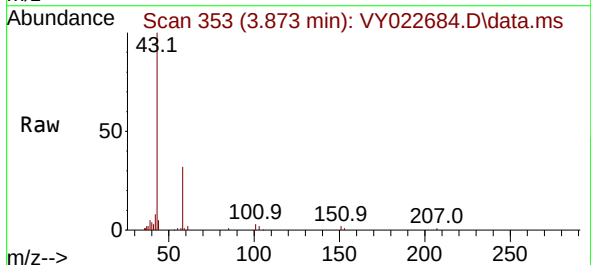
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

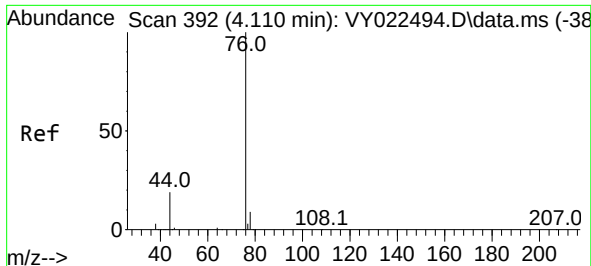
Tgt Ion: 53 Resp: 39062
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 39.8 30.1 45.1



#16
Acetone
Concen: 150.435 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 43 Resp: 51527
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0

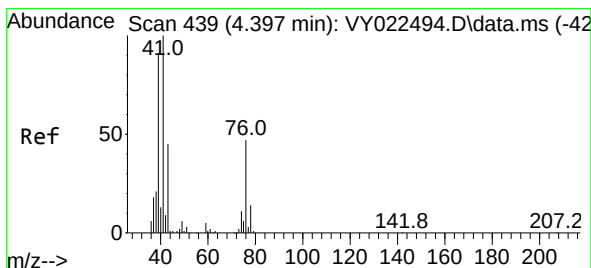
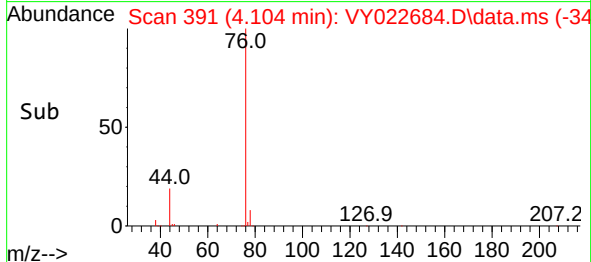
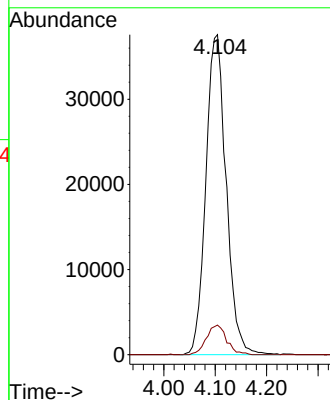
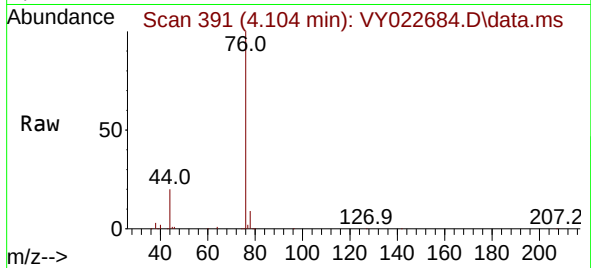




#17
Carbon Disulfide
Concen: 20.386 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

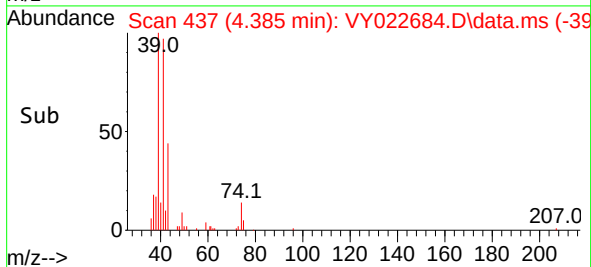
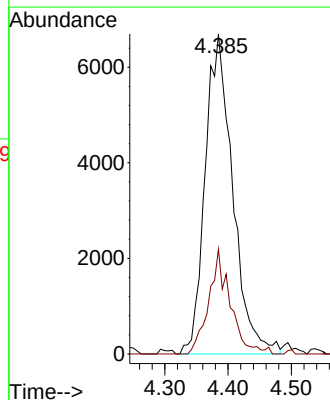
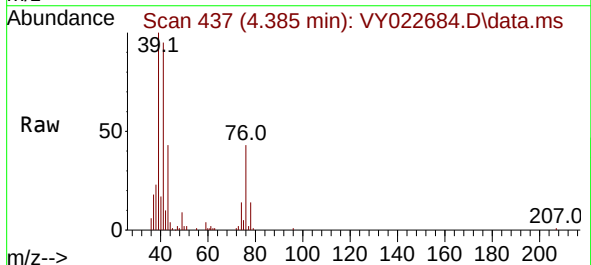
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

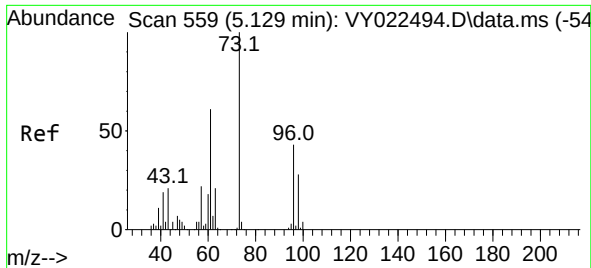
Tgt Ion: 76 Resp: 103208
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 19.963 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 43 Resp: 20248
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

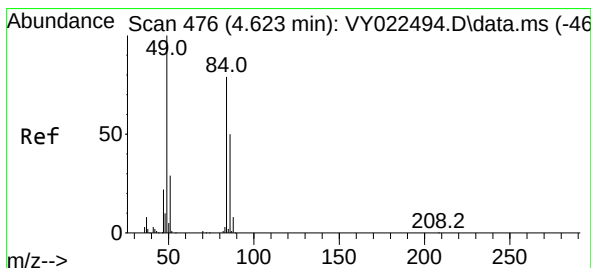
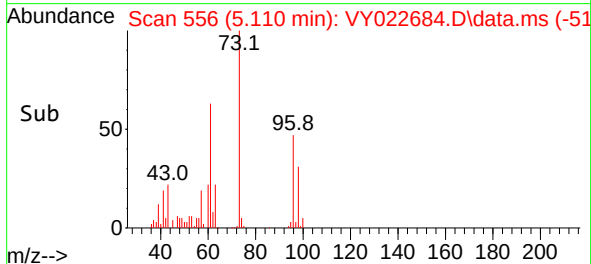
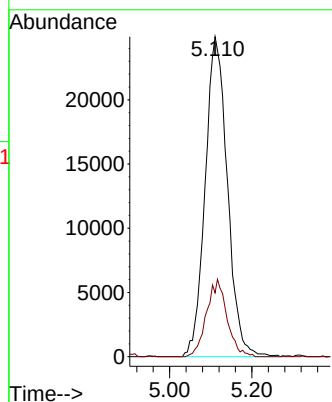
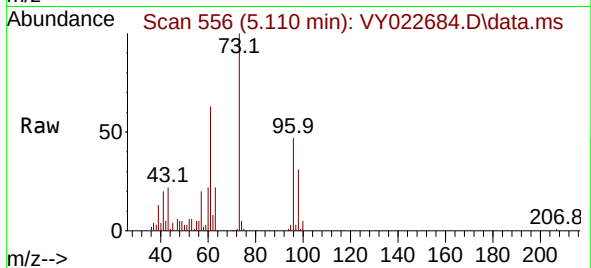




#19
Methyl tert-butyl Ether
Concen: 21.013 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

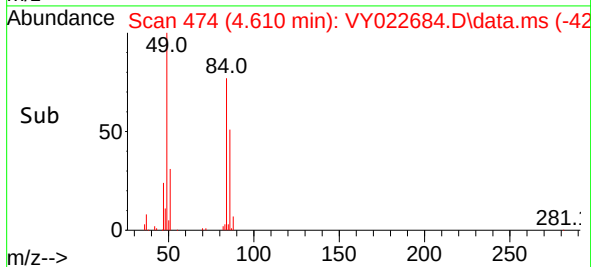
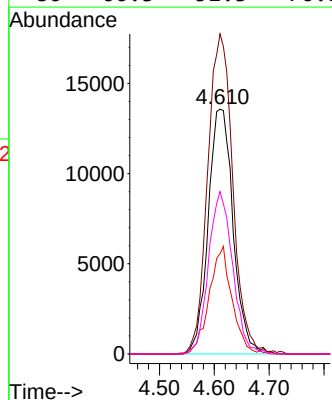
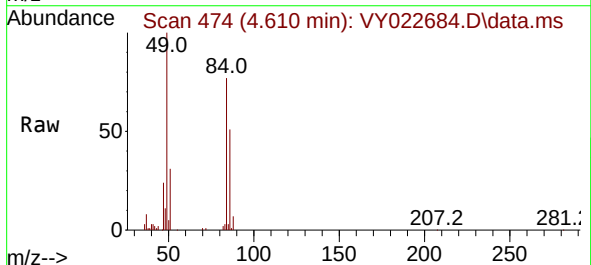
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

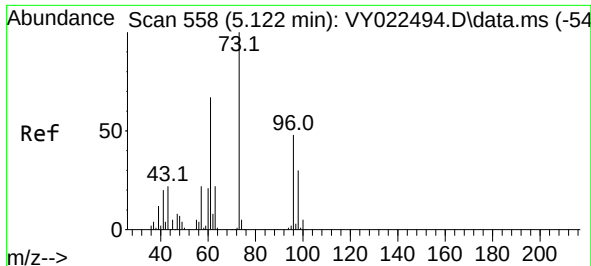
Tgt Ion: 73 Resp: 93595
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 22.073 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 84 Resp: 42946
Ion Ratio Lower Upper
84 100
49 130.7 101.9 152.9
51 40.9 29.8 44.8
86 66.3 51.3 76.9

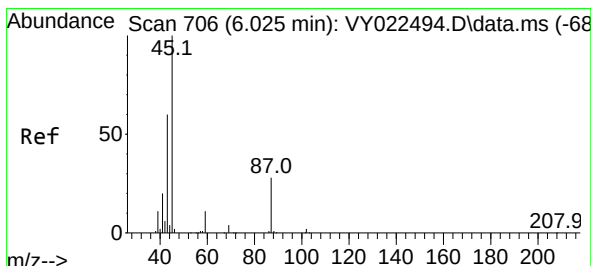
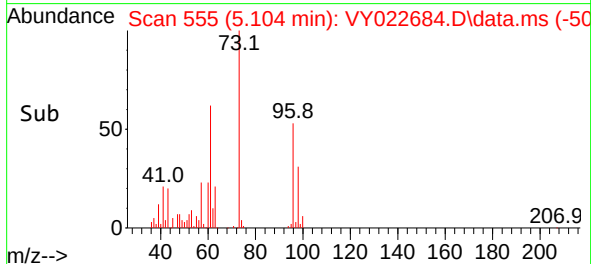
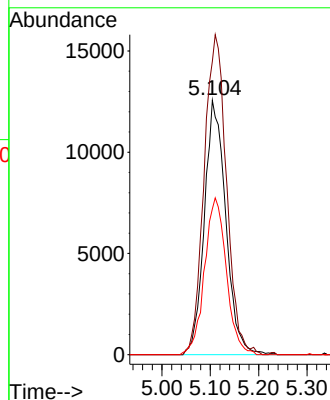
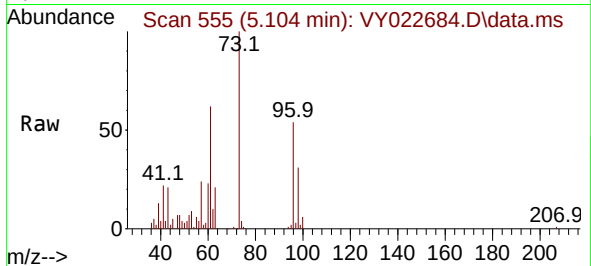




#21
trans-1,2-Dichloroethene
Concen: 21.871 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

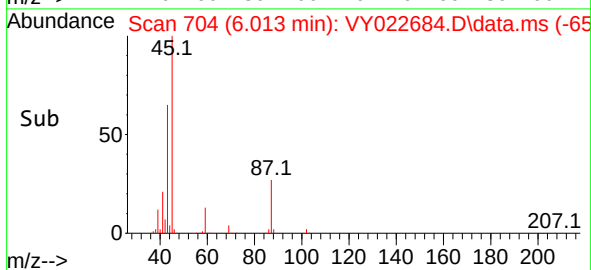
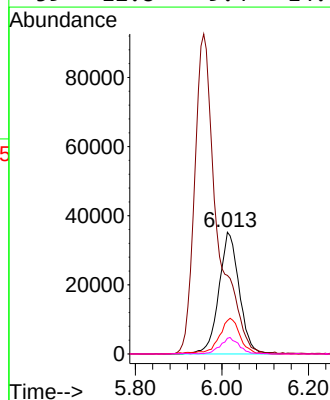
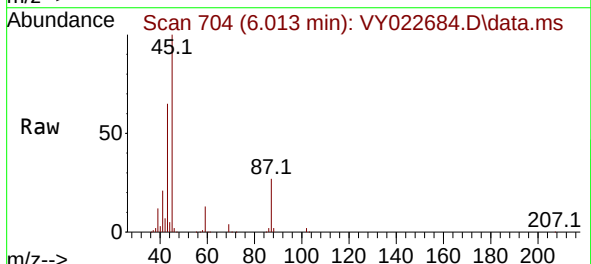
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

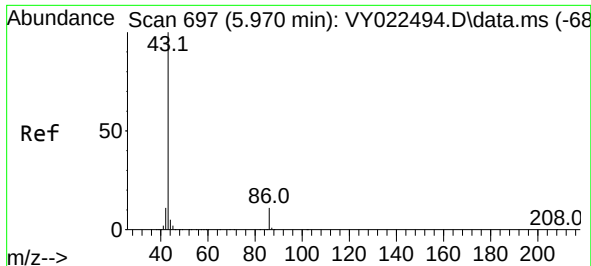
Tgt Ion: 96 Resp: 38708
Ion Ratio Lower Upper
96 100
61 115.3 112.6 169.0
98 57.3 50.6 75.8



#22
Diisopropyl ether
Concen: 20.808 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 45 Resp: 114983
Ion Ratio Lower Upper
45 100
43 64.0 48.3 72.5
87 27.4 23.0 34.6
59 12.8 9.4 14.0

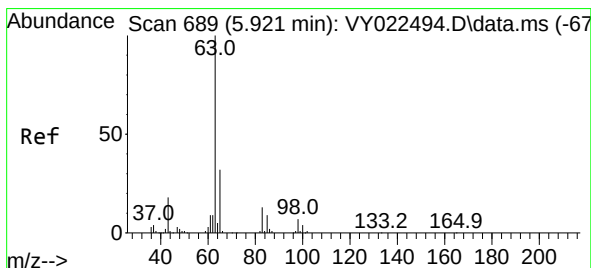
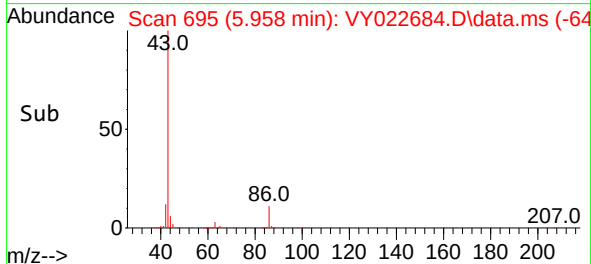
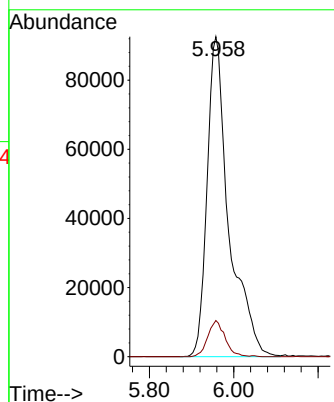
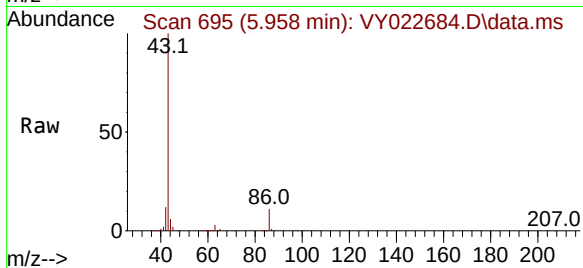




#23
 Vinyl Acetate
 Concen: 101.730 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

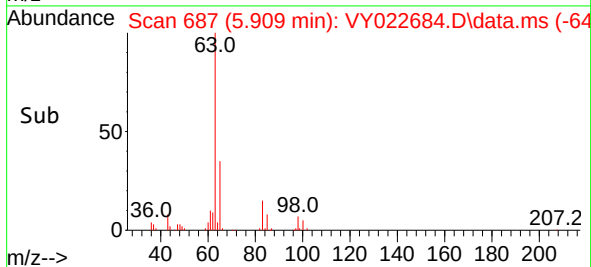
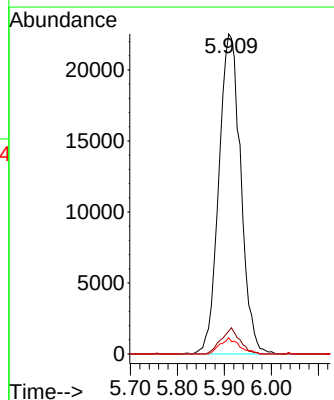
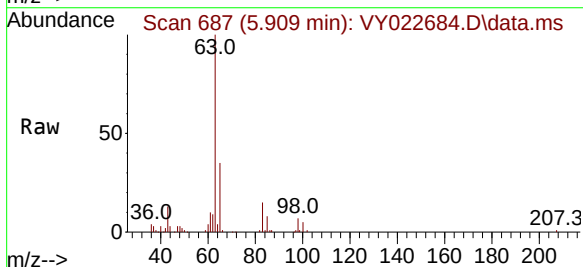
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

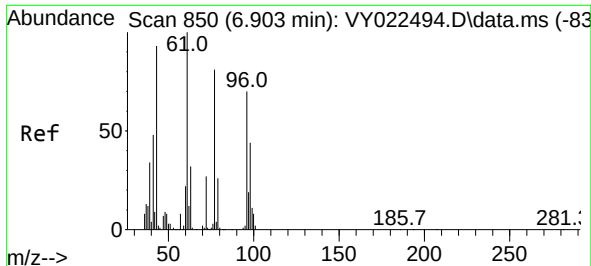
Tgt Ion: 43 Resp: 332718
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.377 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

Tgt Ion: 63 Resp: 72845
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 5.0 2.1 6.3

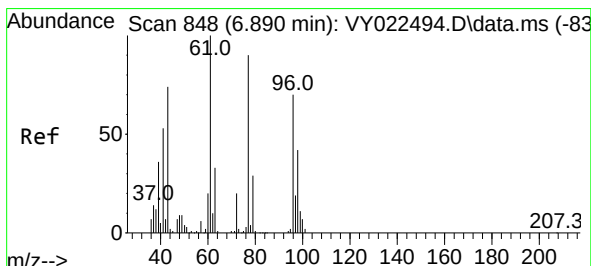
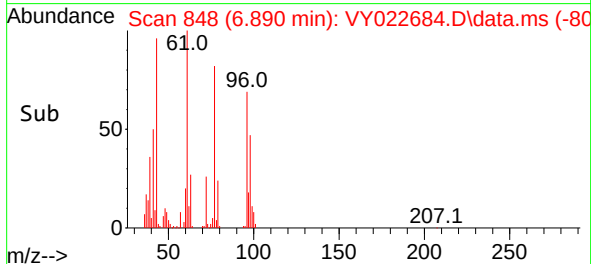
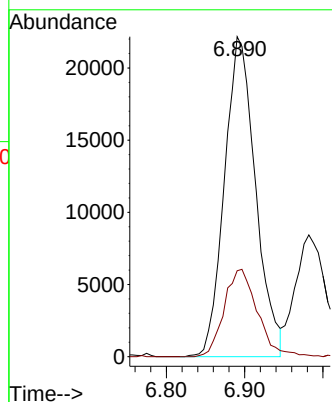
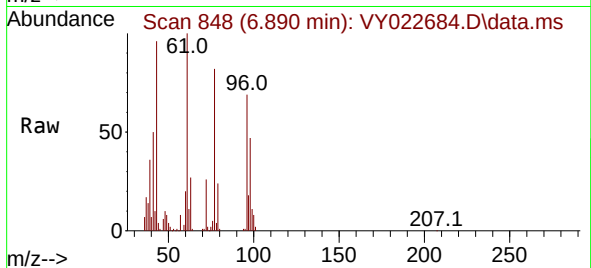




#25
2-Butanone
Concen: 123.801 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

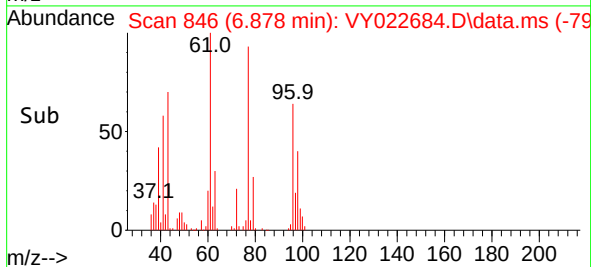
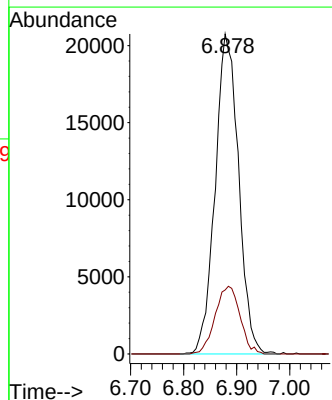
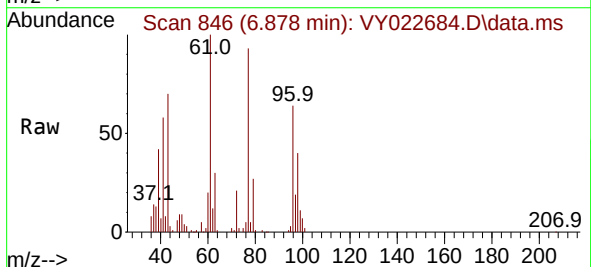
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

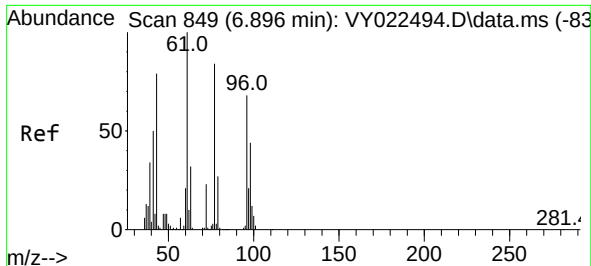
Tgt Ion: 43 Resp: 61166
Ion Ratio Lower Upper
43 100
72 26.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 22.108 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 77 Resp: 63588
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.109 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

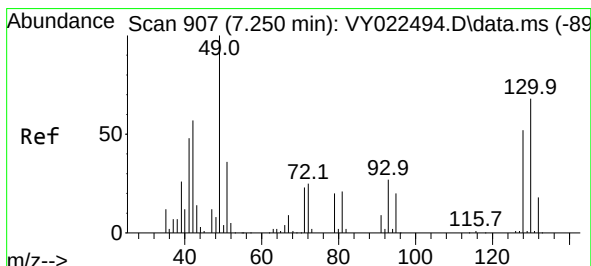
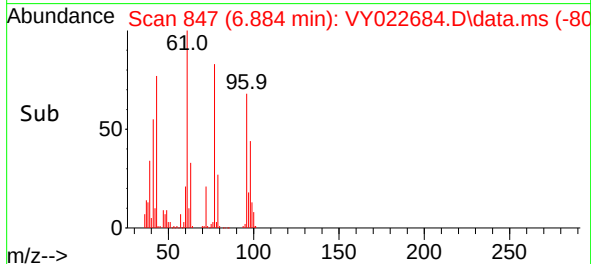
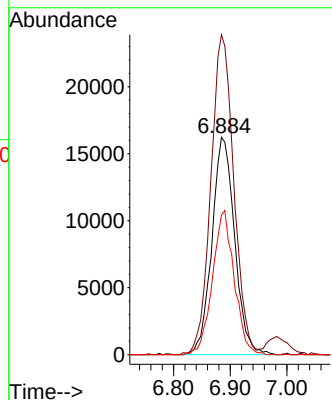
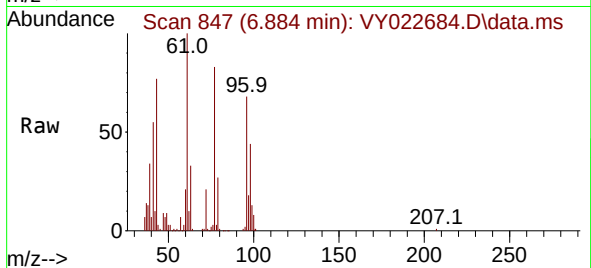
Tgt Ion: 96 Resp: 45228

Ion Ratio Lower Upper

96 100

61 148.4 0.0 290.0

98 63.4 0.0 128.4



#28

Bromochloromethane

Concen: 21.529 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

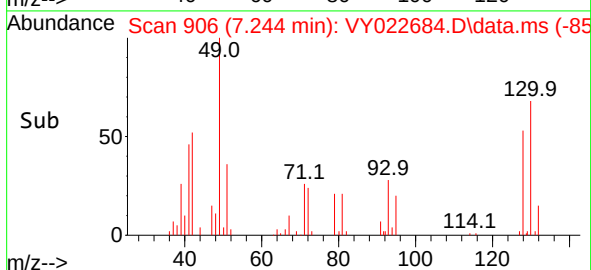
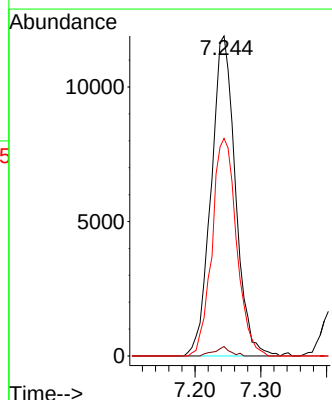
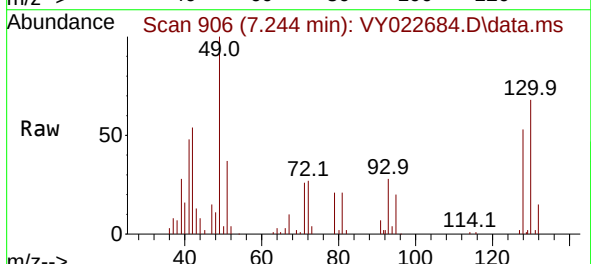
Tgt Ion: 49 Resp: 30550

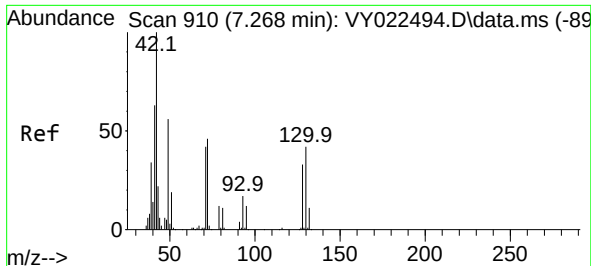
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 68.7 55.7 83.5





#29

Tetrahydrofuran

Concen: 101.959 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

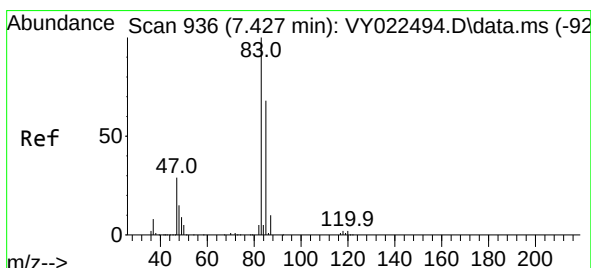
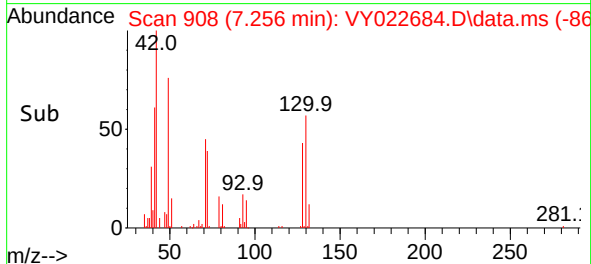
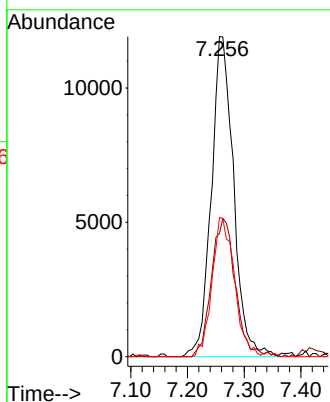
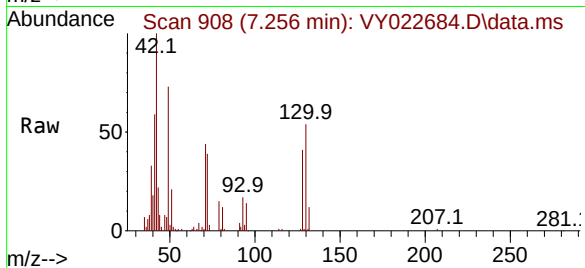
Tgt Ion: 42 Resp: 32490

Ion Ratio Lower Upper

42 100

72 46.5 37.4 56.2

71 43.7 34.2 51.2



#30

Chloroform

Concen: 22.753 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022684.D

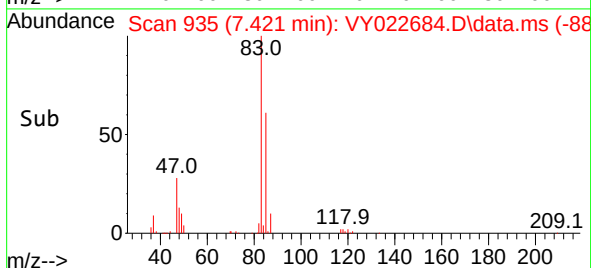
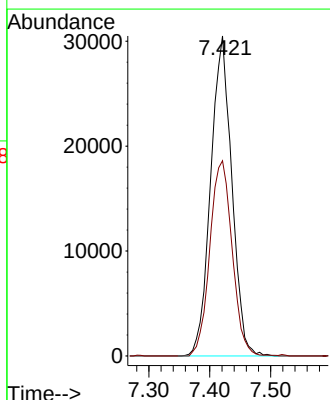
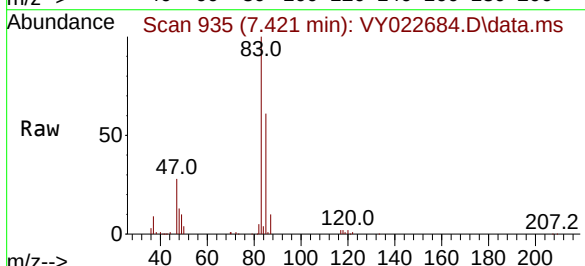
Acq: 13 Jun 2025 09:42

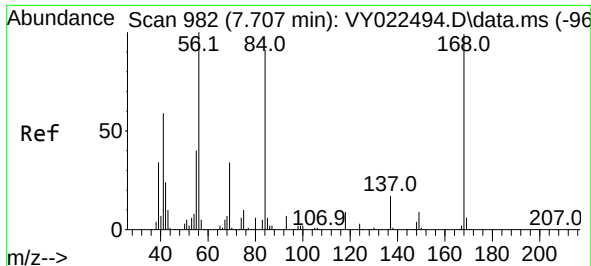
Tgt Ion: 83 Resp: 73364

Ion Ratio Lower Upper

83 100

85 61.0 54.2 81.4

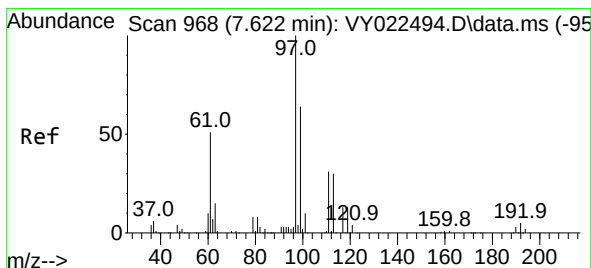
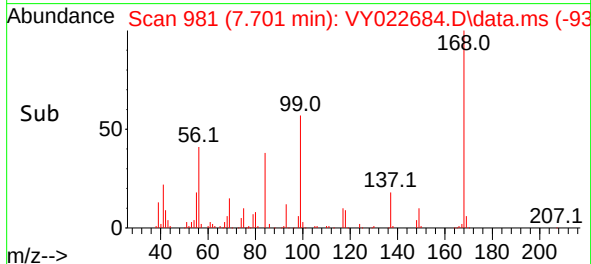
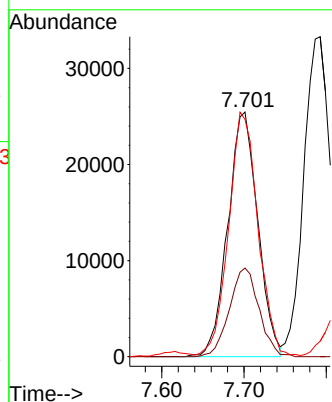
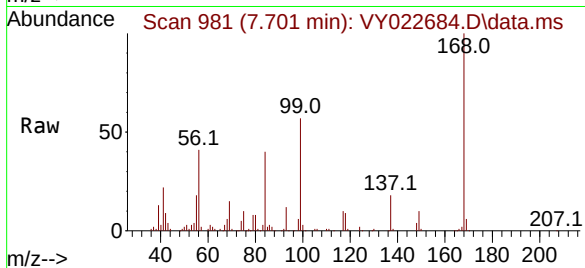




#31
Cyclohexane
Concen: 19.905 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

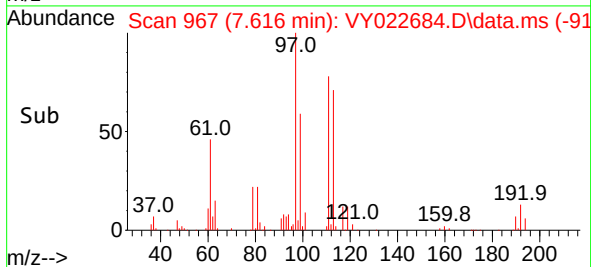
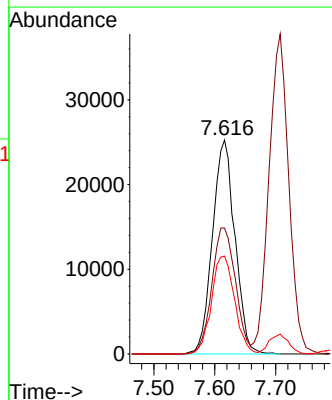
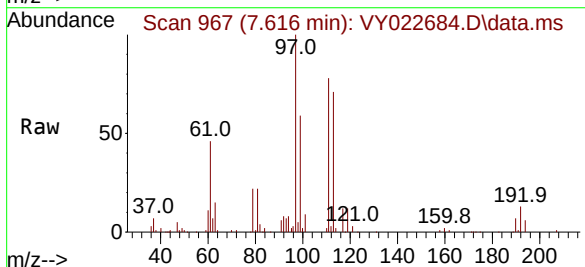
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

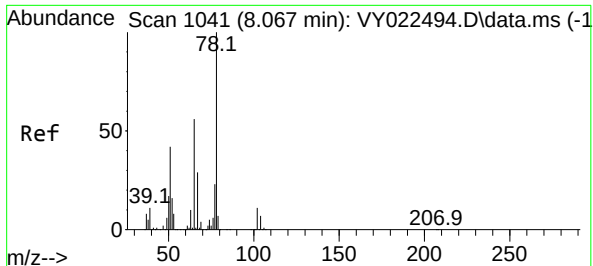
Tgt Ion: 56 Resp: 64509
Ion Ratio Lower Upper
56 100
69 36.3 27.0 40.6
84 95.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.603 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 97 Resp: 64696
Ion Ratio Lower Upper
97 100
99 62.0 50.9 76.3
61 47.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.438 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

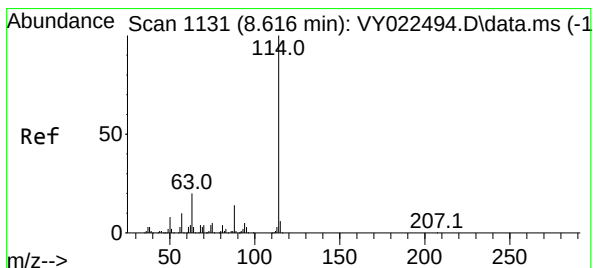
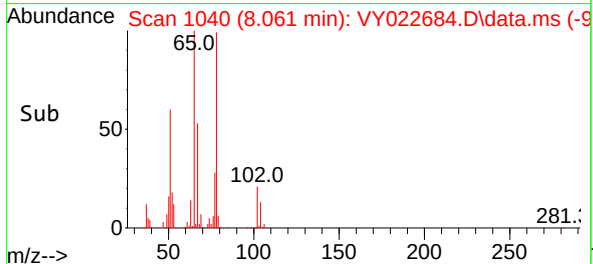
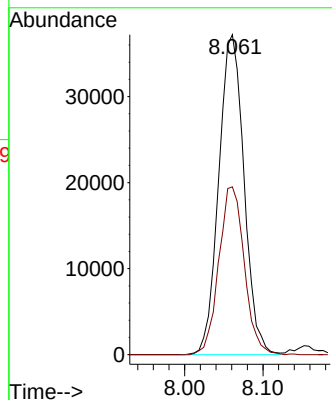
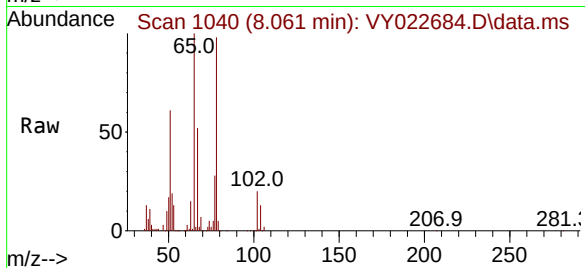
VY0613SBS01

Tgt Ion: 65 Resp: 83382

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

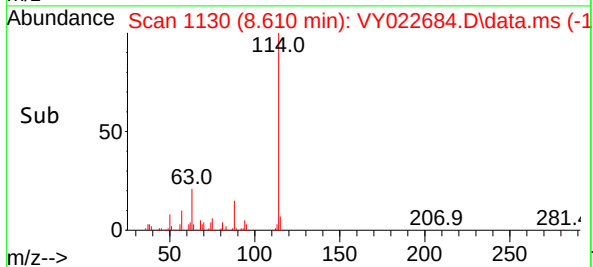
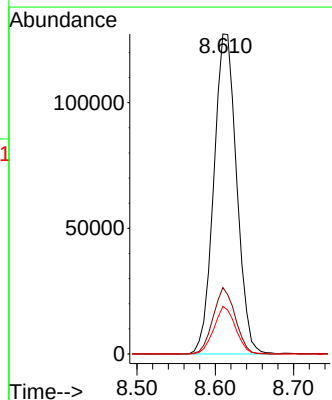
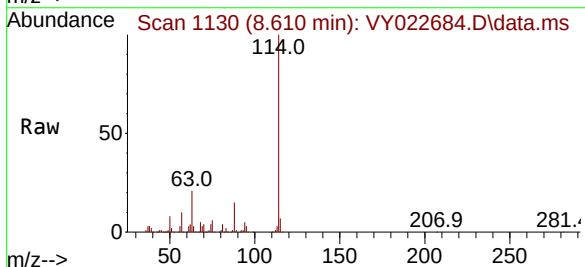
Tgt Ion: 114 Resp: 258034

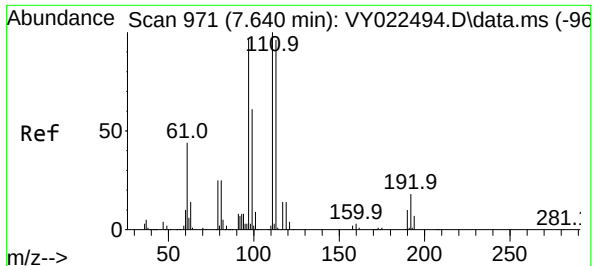
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 14.8 0.0 27.8

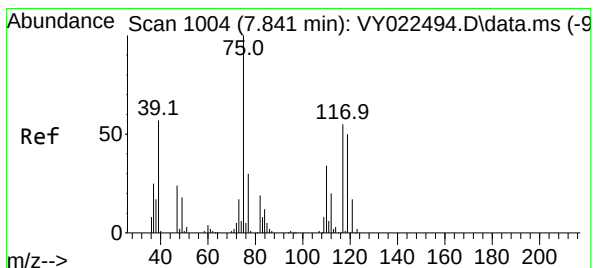
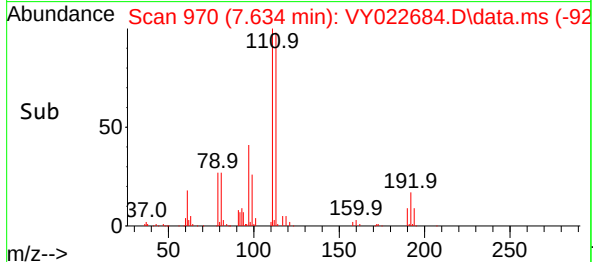
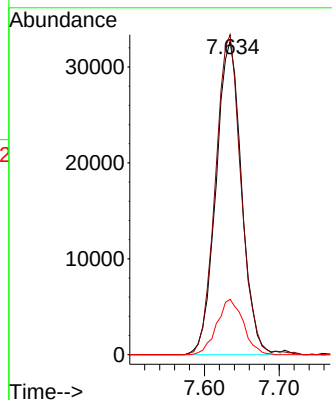
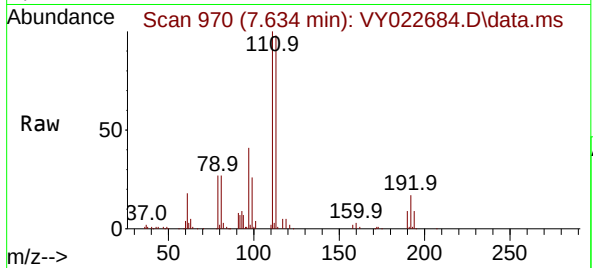




#35
Dibromofluoromethane
Concen: 50.581 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

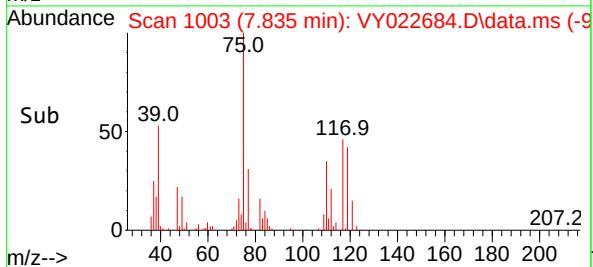
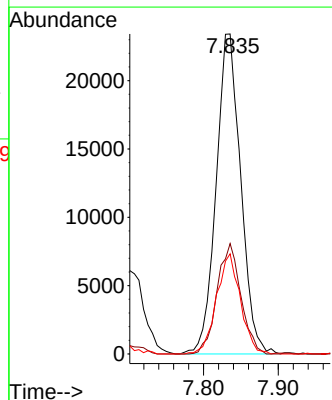
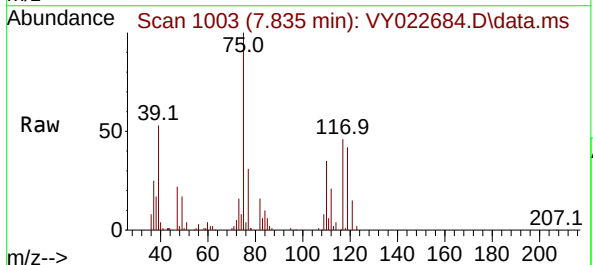
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

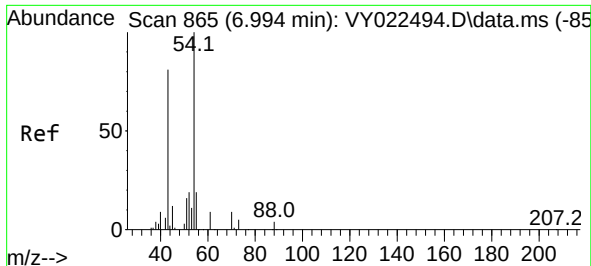
Tgt Ion:113 Resp: 77902
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 18.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.447 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 75 Resp: 53611
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.7
77 30.4 24.8 37.2

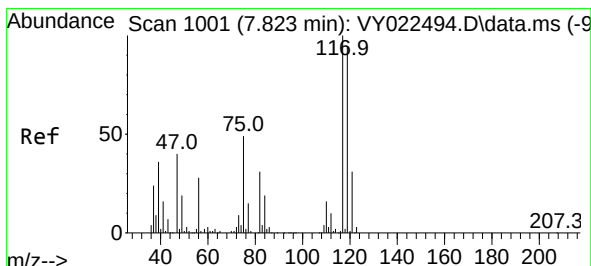
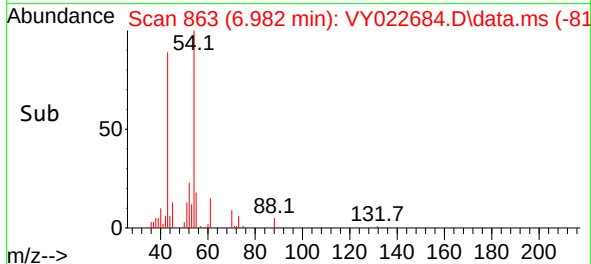
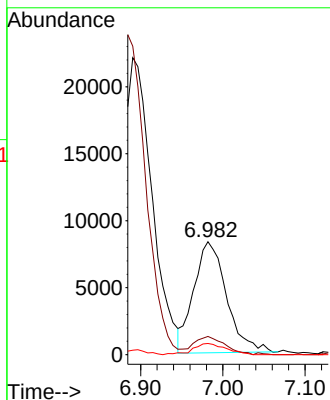
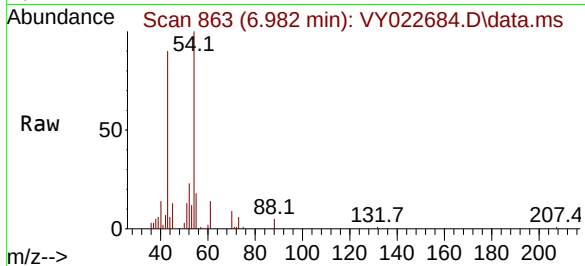




#37
Ethyl Acetate
Concen: 20.654 ug/l
RT: 6.982 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

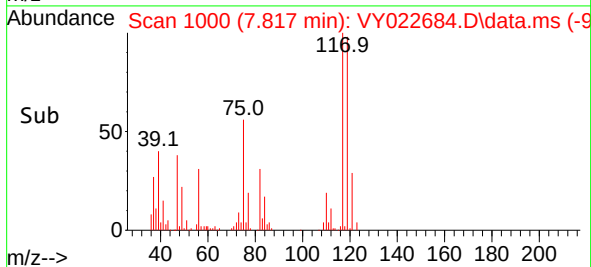
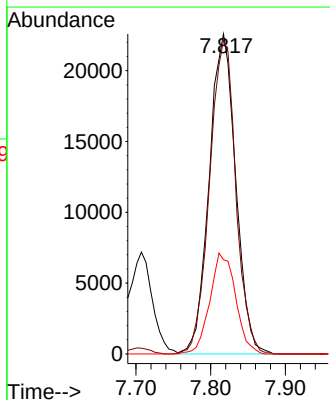
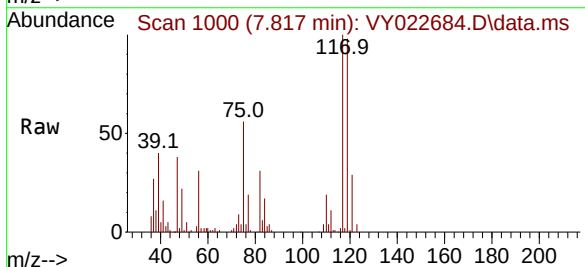
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

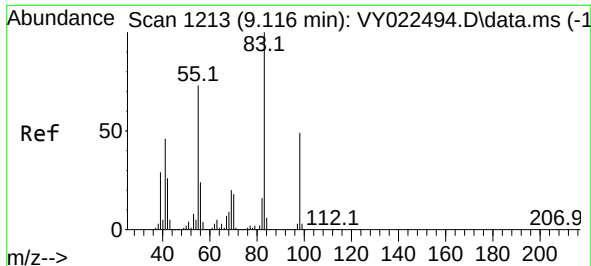
Tgt Ion: 43 Resp: 23024
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 10.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.732 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 117 Resp: 55727
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.6
121 29.4 25.0 37.4





#39

Methylcyclohexane

Concen: 20.317 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

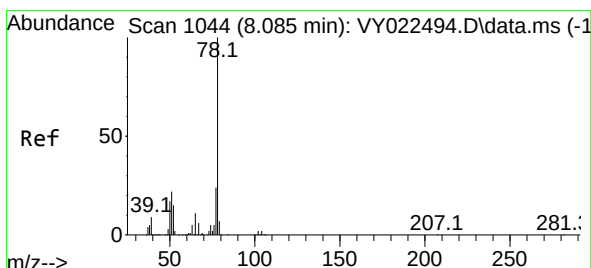
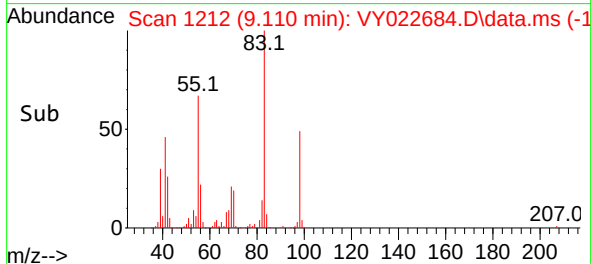
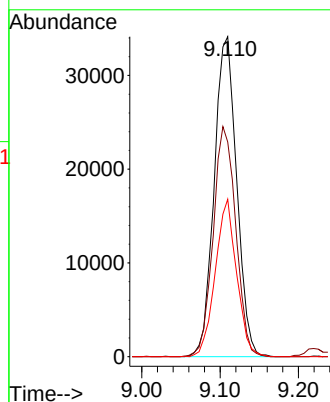
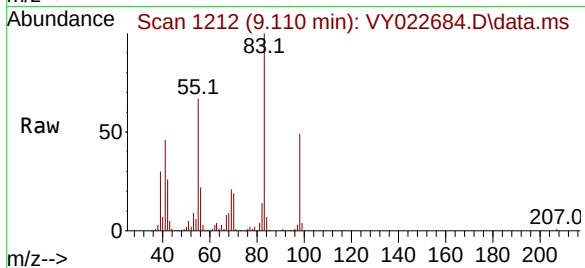
Tgt Ion: 83 Resp: 68247

Ion Ratio Lower Upper

83 100

55 67.1 58.1 87.1

98 49.2 39.0 58.6



#40

Benzene

Concen: 21.676 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022684.D

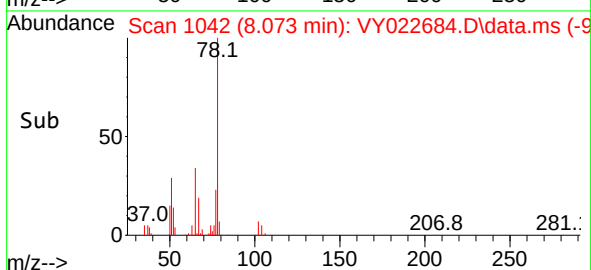
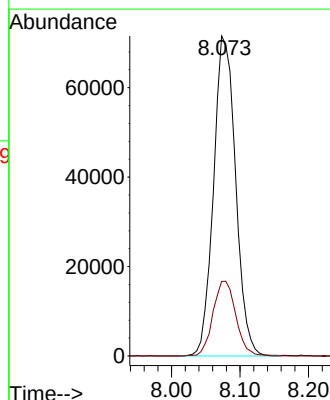
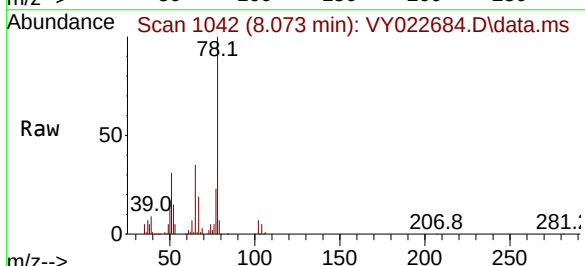
Acq: 13 Jun 2025 09:42

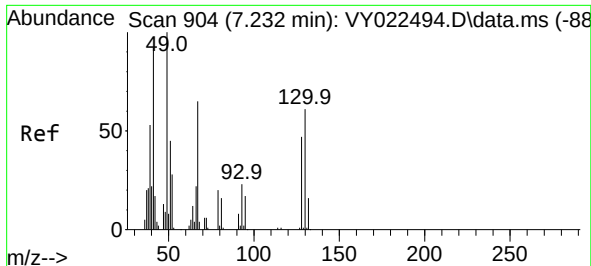
Tgt Ion: 78 Resp: 160031

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

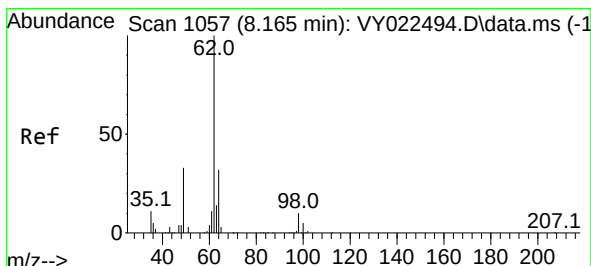
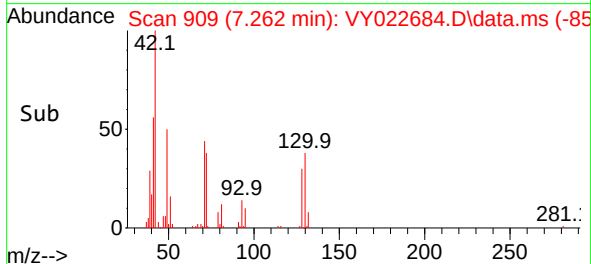
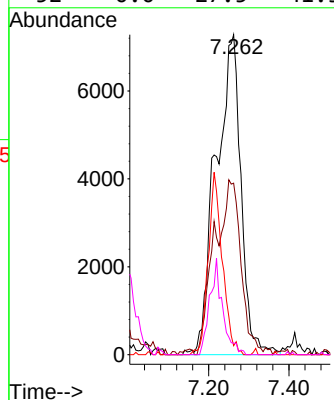
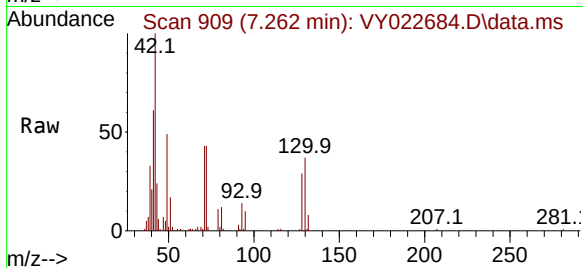




#41
Methacrylonitrile
Concen: 48.673 ug/l
RT: 7.262 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

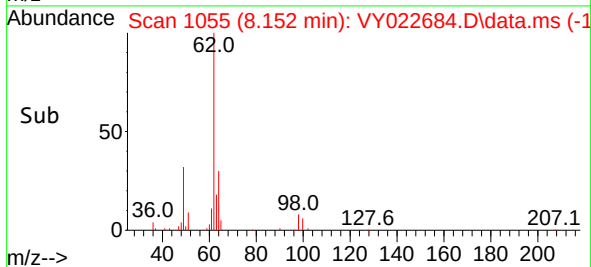
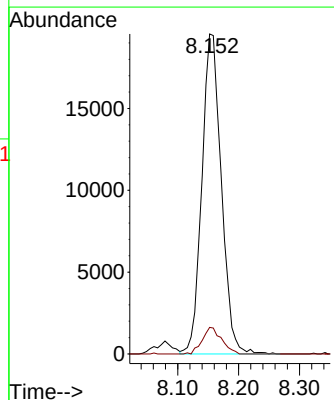
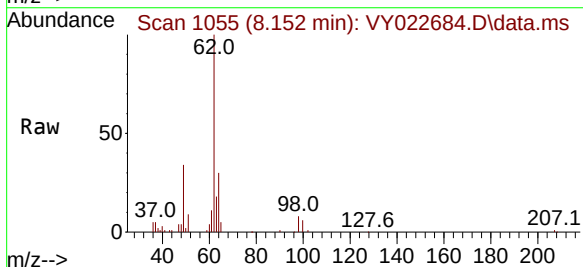
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

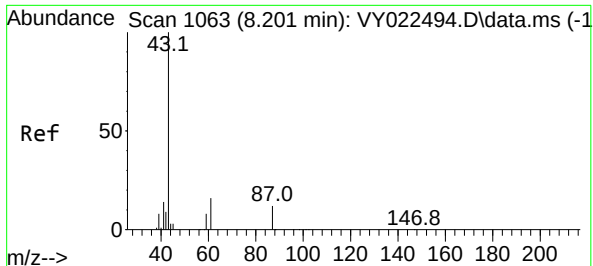
Tgt Ion: 41 Resp: 31692
Ion Ratio Lower Upper
41 100
39 35.8 46.6 69.8#
67 0.0 63.3 94.9#
52 0.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 21.565 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 62 Resp: 43473
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.2

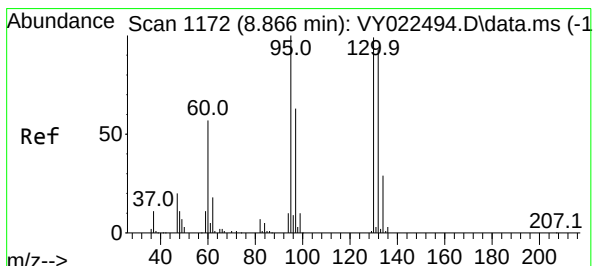
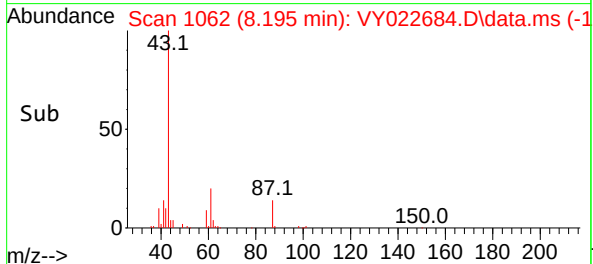
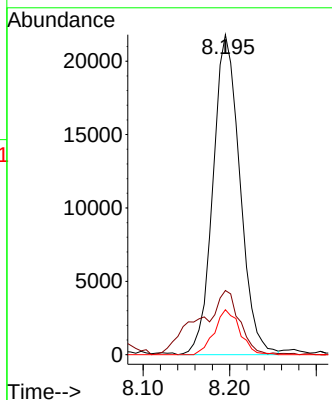
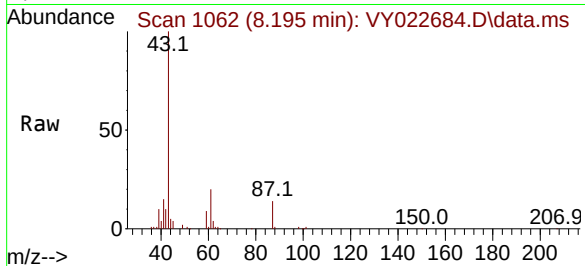




#43
Isopropyl Acetate
Concen: 19.556 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

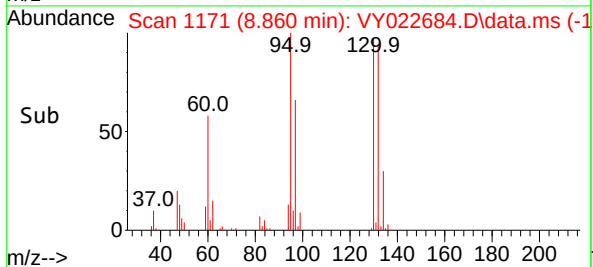
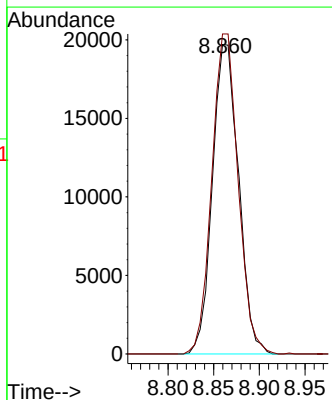
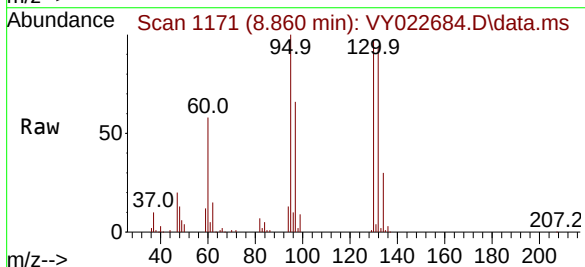
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

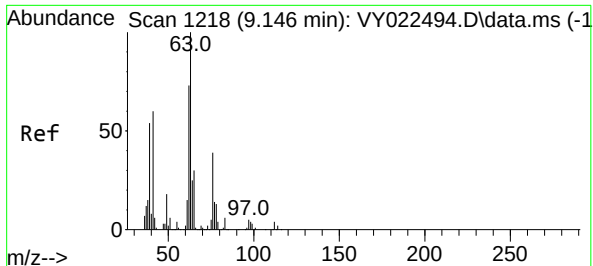
Tgt Ion: 43 Resp: 47081
Ion Ratio Lower Upper
43 100
61 30.4 15.6 23.4#
87 13.3 10.2 15.4



#44
Trichloroethene
Concen: 21.780 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion:130 Resp: 39301
Ion Ratio Lower Upper
130 100
95 103.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.381 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

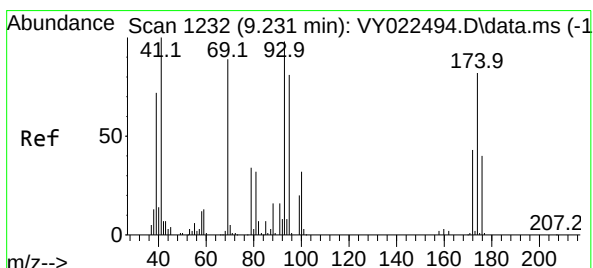
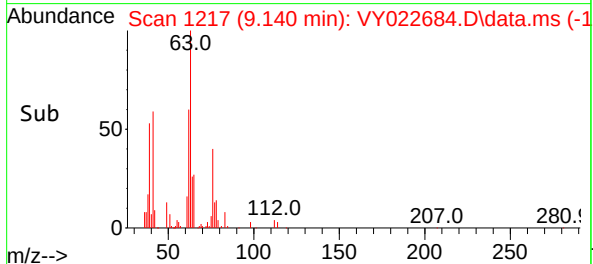
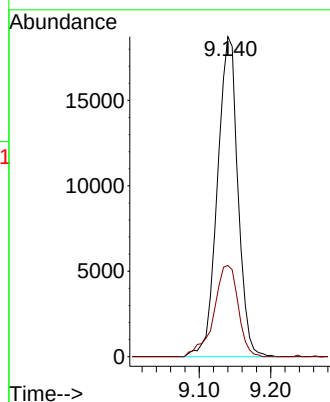
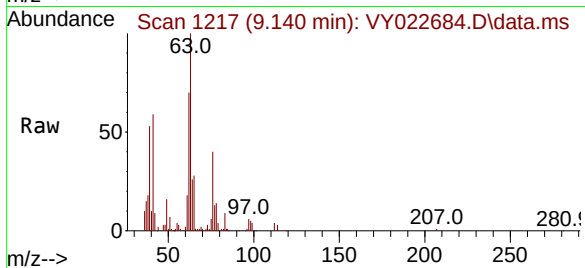
VY0613SBS01

Tgt Ion: 63 Resp: 37307

Ion Ratio Lower Upper

63 100

65 28.5 24.0 36.0



#46

Dibromomethane

Concen: 21.498 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

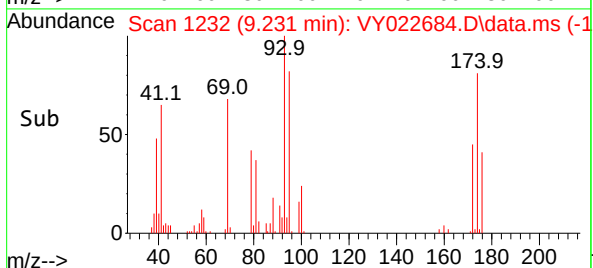
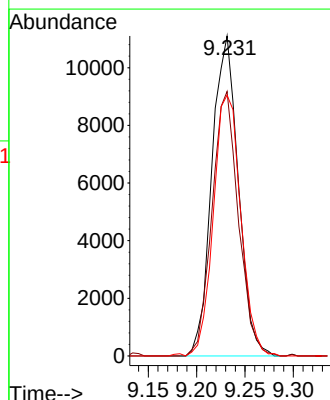
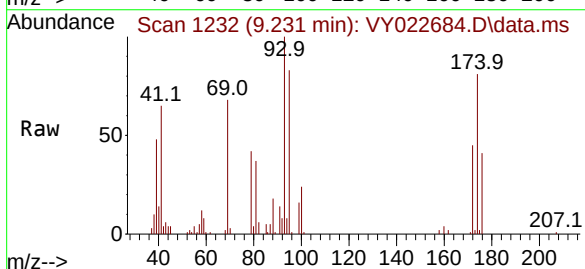
Tgt Ion: 93 Resp: 21103

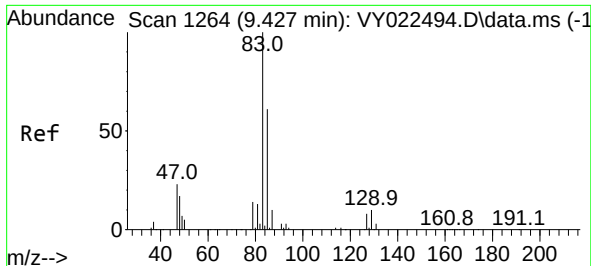
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 84.5 70.4 105.6

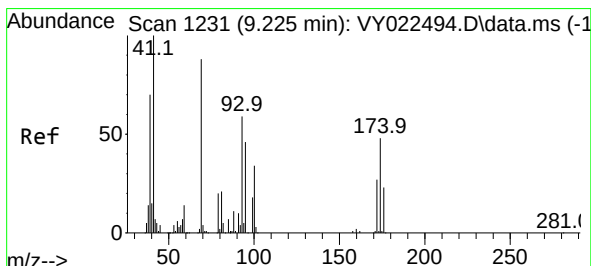
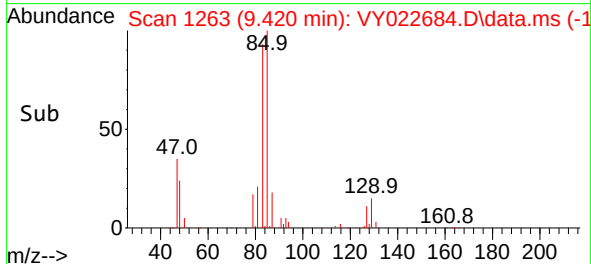
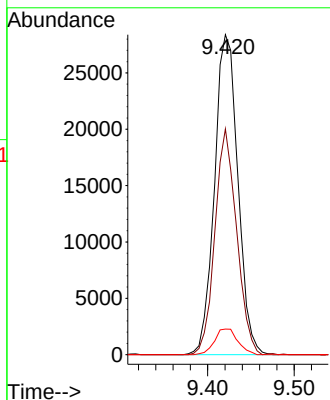
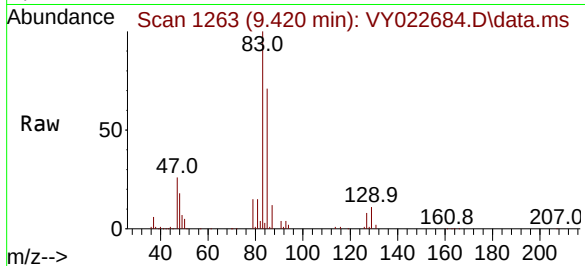




#47
Bromodichloromethane
Concen: 21.355 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

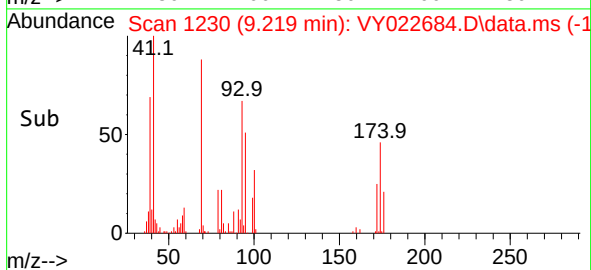
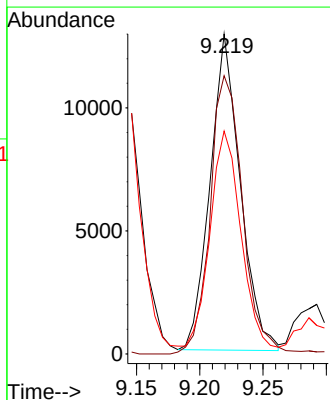
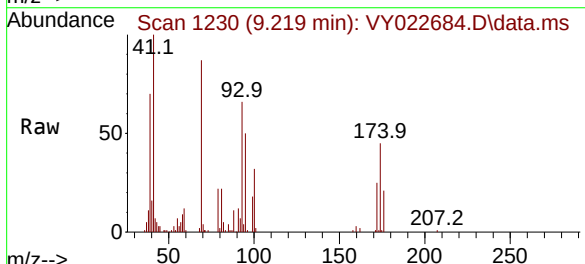
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

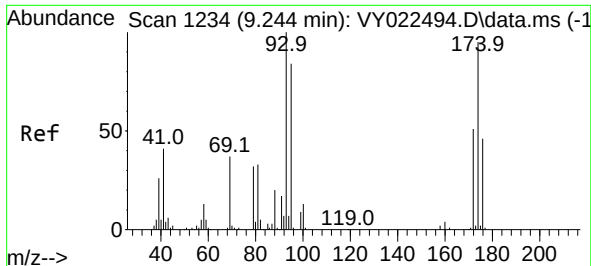
Tgt Ion: 83 Resp: 53155
Ion Ratio Lower Upper
83 100
85 70.5 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 18.898 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 41 Resp: 21353
Ion Ratio Lower Upper
41 100
69 95.2 67.8 101.8
39 69.6 55.0 82.4





#49

1,4-Dioxane

Concen: 412.145 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

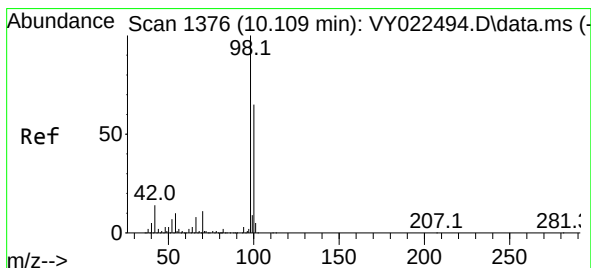
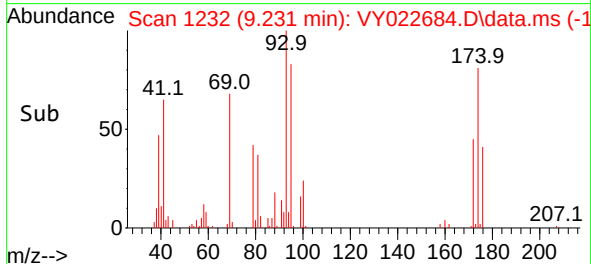
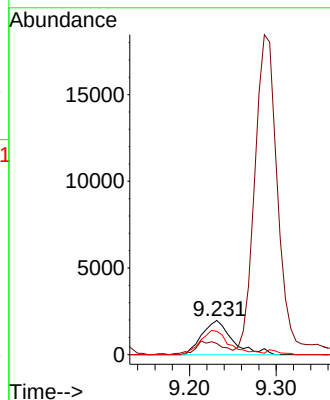
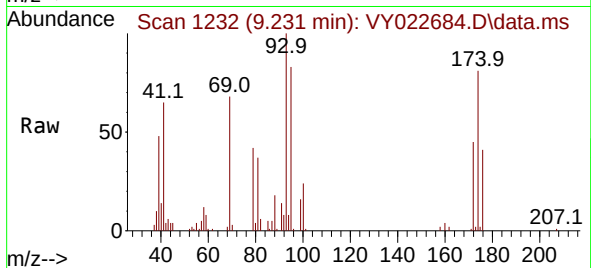
Tgt Ion: 88 Resp: 4793

Ion Ratio Lower Upper

88 100

43 36.0 25.4 38.2

58 68.4 54.9 82.3



#50

Toluene-d8

Concen: 50.136 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022684.D

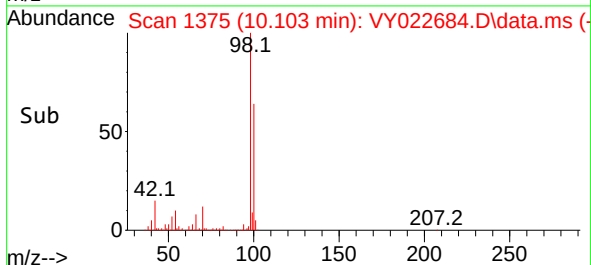
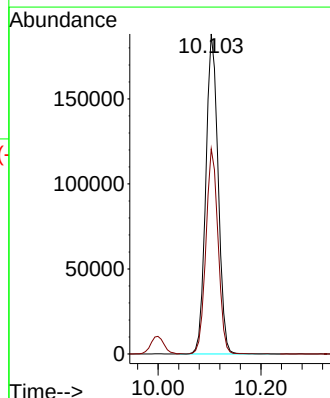
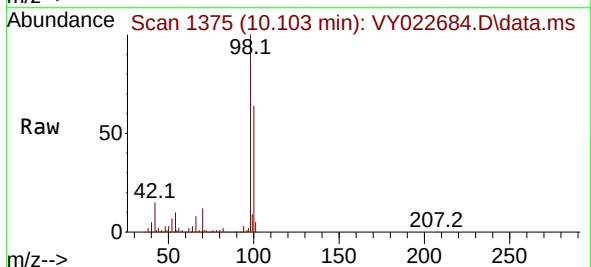
Acq: 13 Jun 2025 09:42

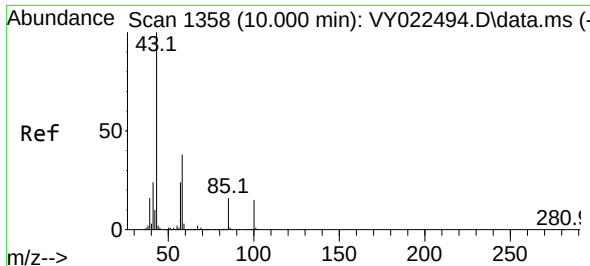
Tgt Ion: 98 Resp: 312009

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0

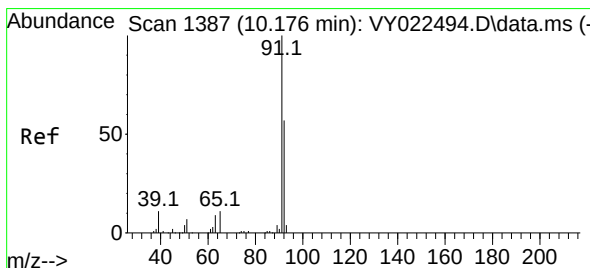
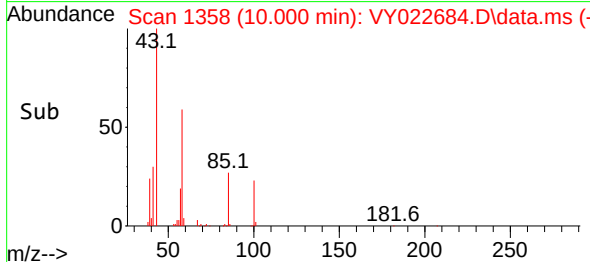
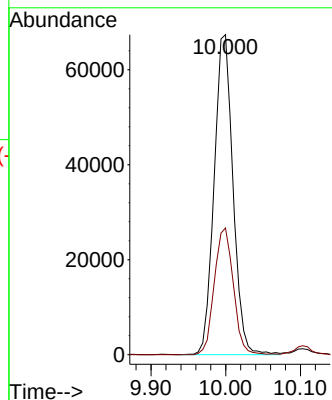
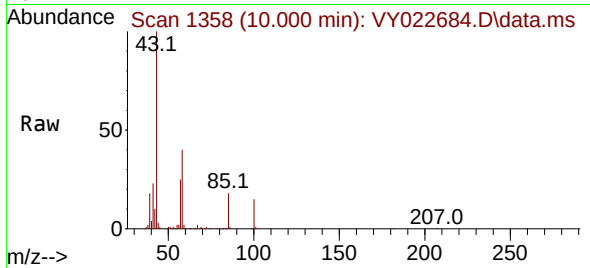




#51
4-Methyl-2-Pentanone
Concen: 98.749 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

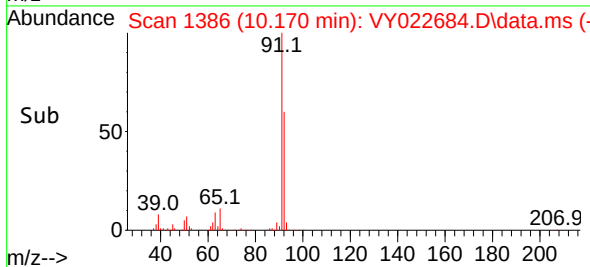
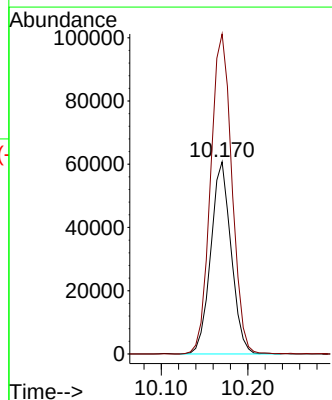
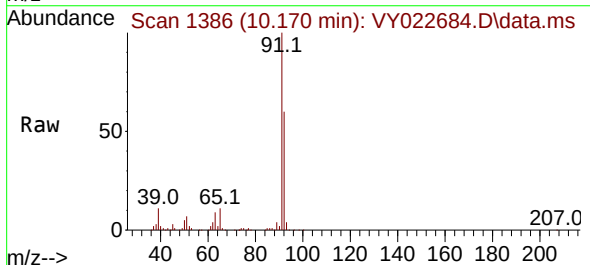
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

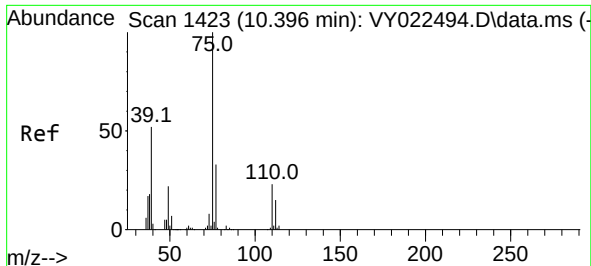
Tgt Ion: 43 Resp: 118529
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 21.330 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 92 Resp: 98964
Ion Ratio Lower Upper
92 100
91 174.6 139.0 208.4

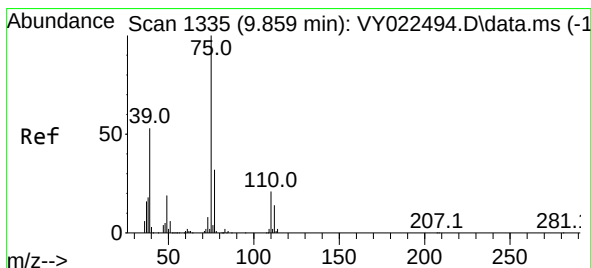
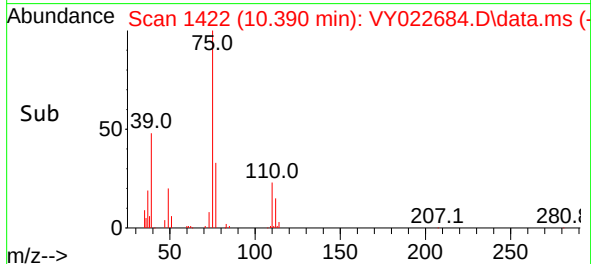
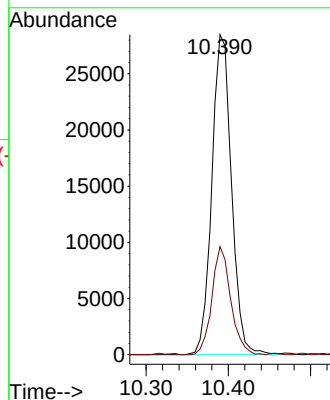
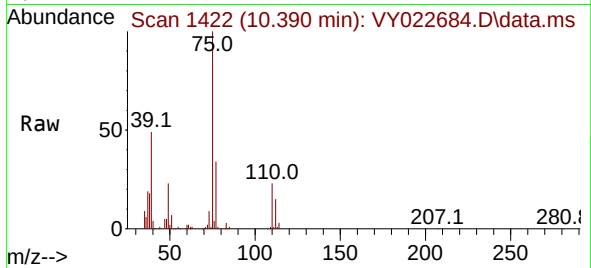




#53
t-1,3-Dichloropropene
Concen: 20.244 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

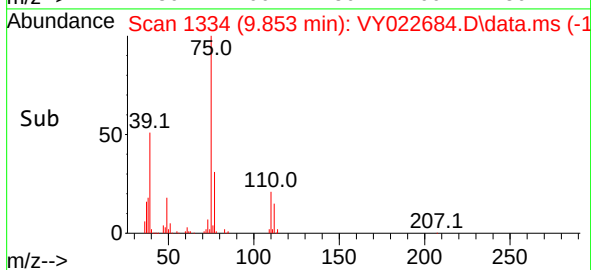
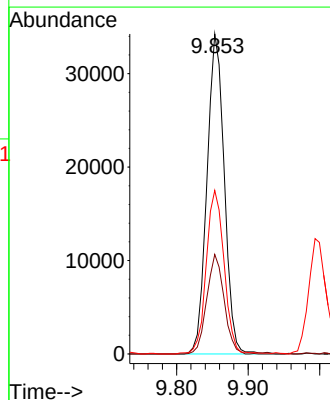
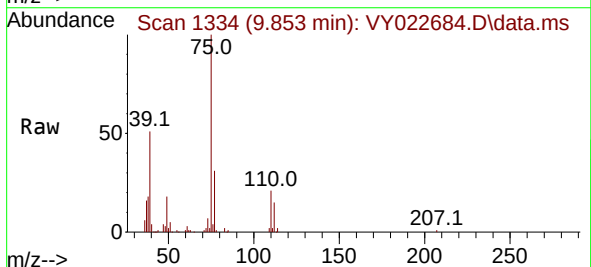
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

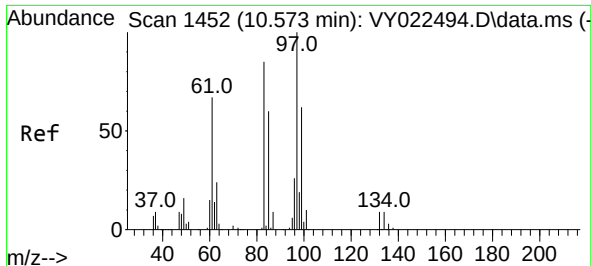
Tgt Ion: 75 Resp: 47213
Ion Ratio Lower Upper
75 100
77 33.8 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 21.232 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 75 Resp: 57640
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 50.9 42.7 64.1

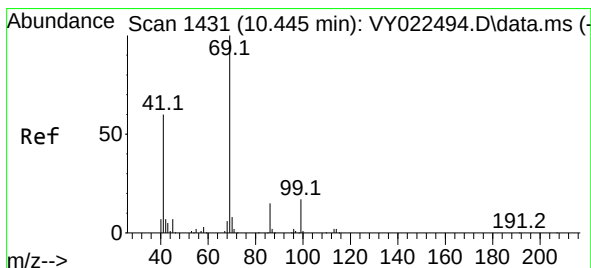
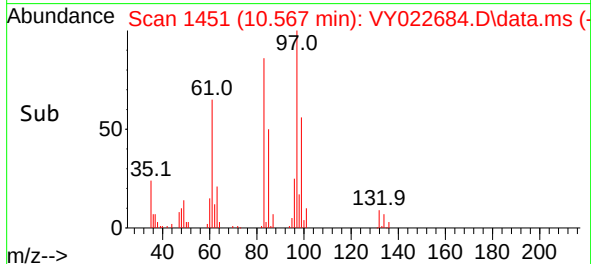
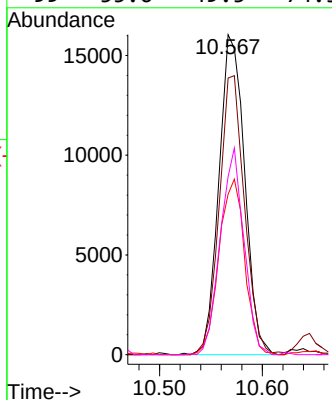
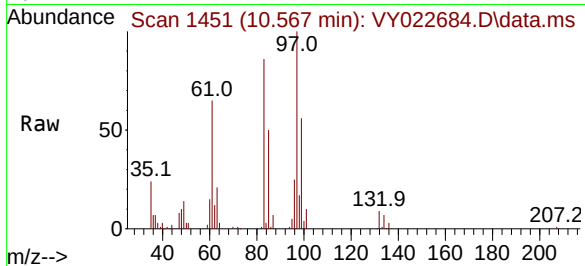




#55
1,1,2-Trichloroethane
Concen: 22.222 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

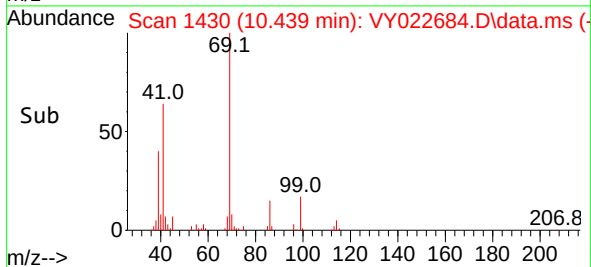
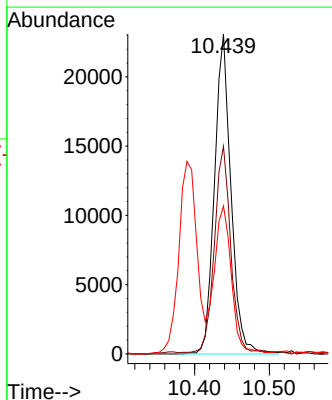
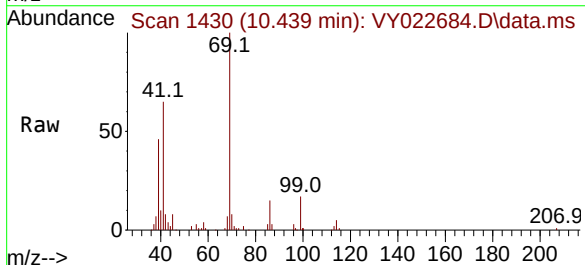
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

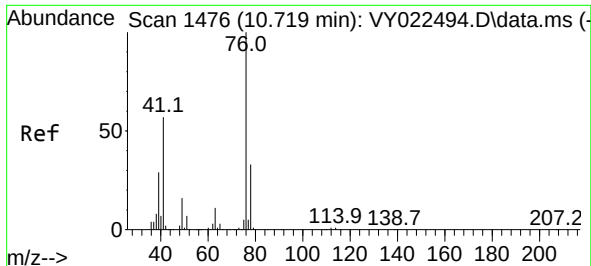
Tgt Ion: 97	Resp: 27815
Ion Ratio	Lower Upper
97 100	
83 86.4	68.1 102.1
85 50.2	48.2 72.2
99 55.6	49.5 74.3



#56
Ethyl methacrylate
Concen: 19.537 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 69	Resp: 35344
Ion Ratio	Lower Upper
69 100	
41 65.9	52.2 78.2
39 47.0	36.7 55.1





#57

1,3-Dichloropropane

Concen: 21.575 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

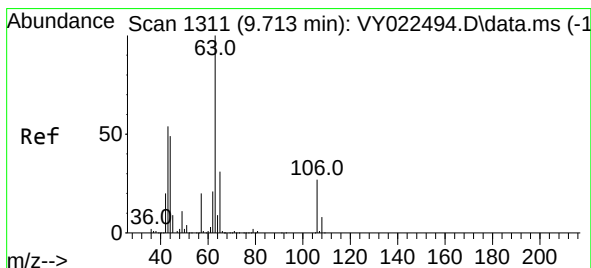
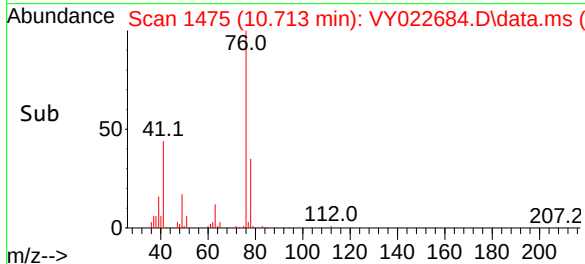
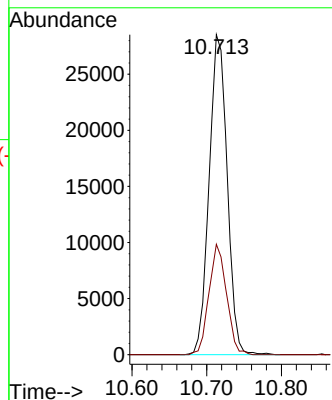
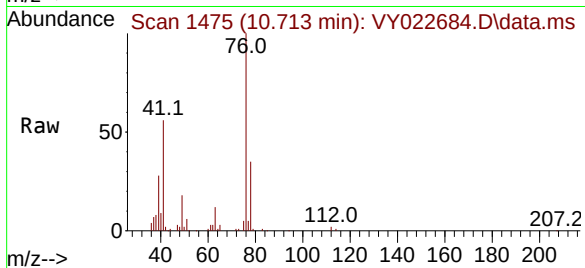
VY0613SBS01

Tgt Ion: 76 Resp: 47865

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.826 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022684.D

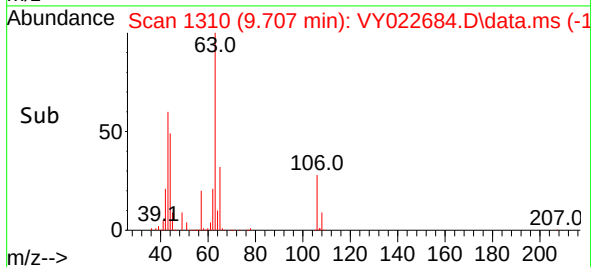
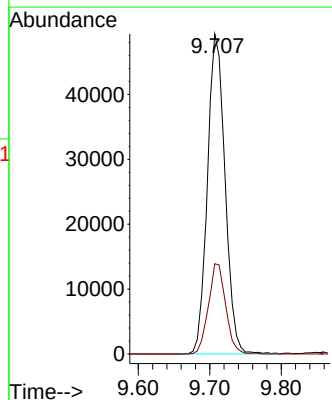
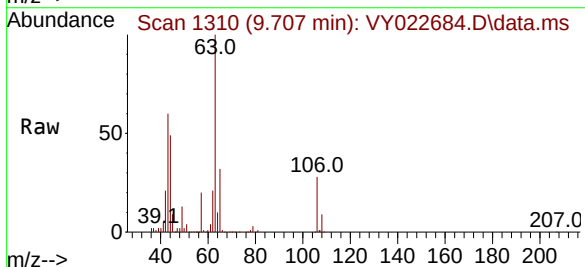
Acq: 13 Jun 2025 09:42

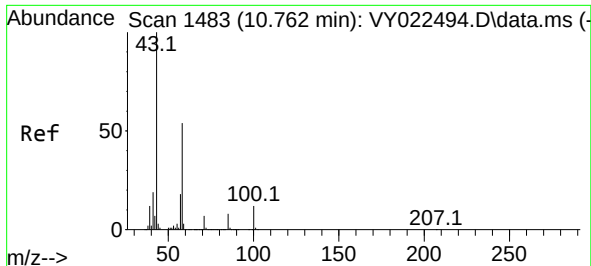
Tgt Ion: 63 Resp: 84459

Ion Ratio Lower Upper

63 100

106 27.7 21.6 32.4

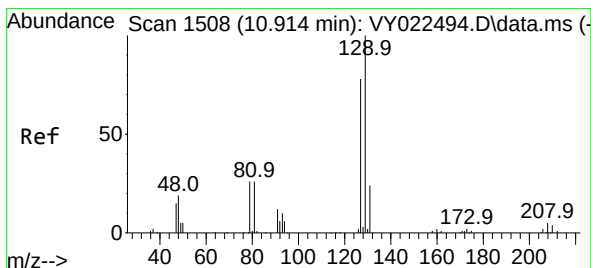
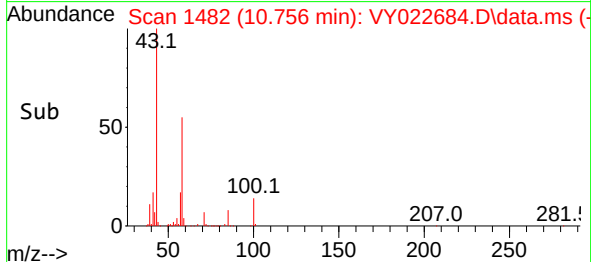
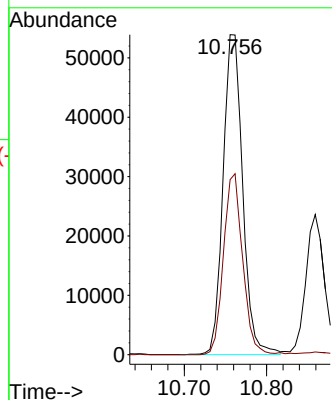
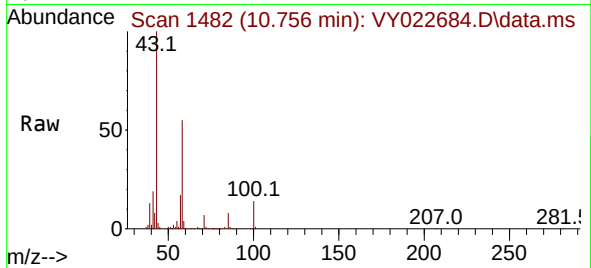




#59
2-Hexanone
Concen: 111.326 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

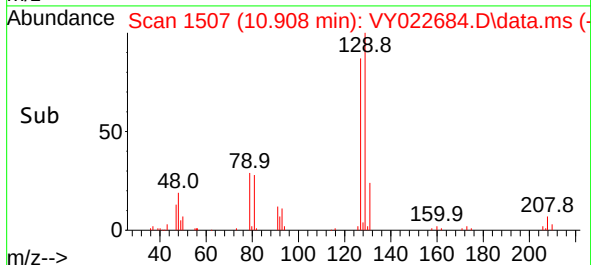
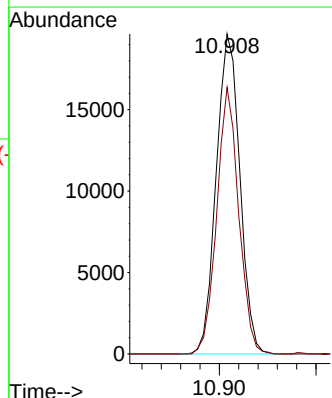
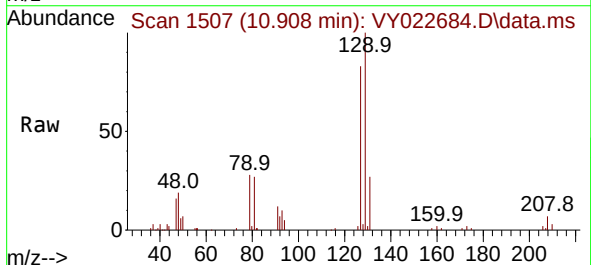
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

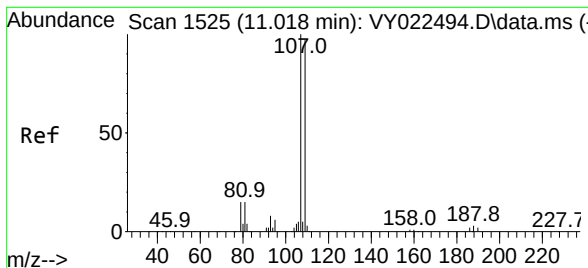
Tgt Ion: 43 Resp: 89368
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 20.914 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 129 Resp: 33267
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

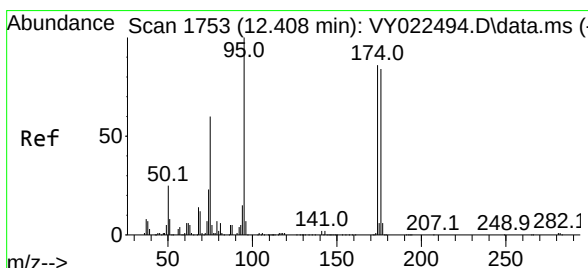
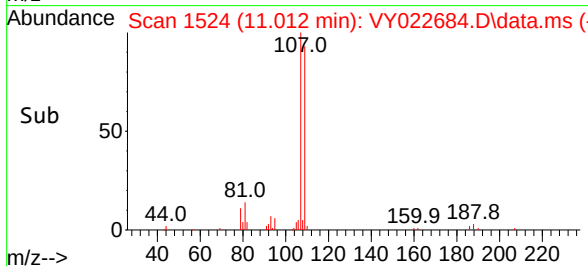
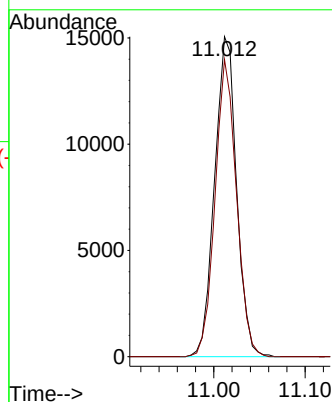
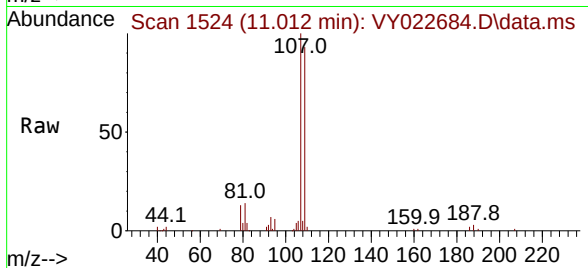




#61
1,2-Dibromoethane
Concen: 22.052 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

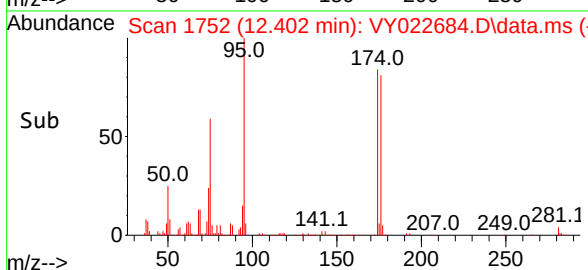
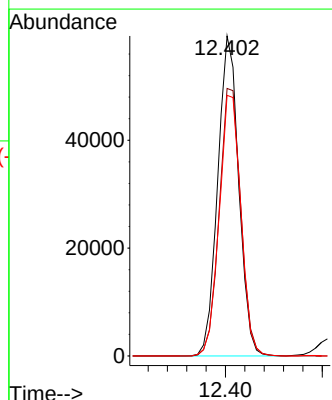
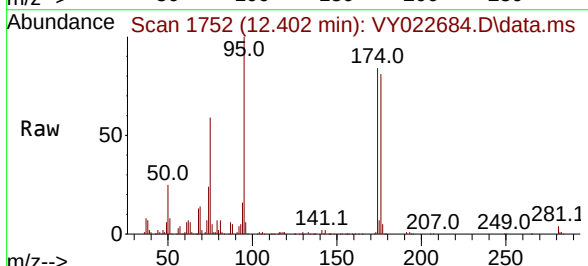
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

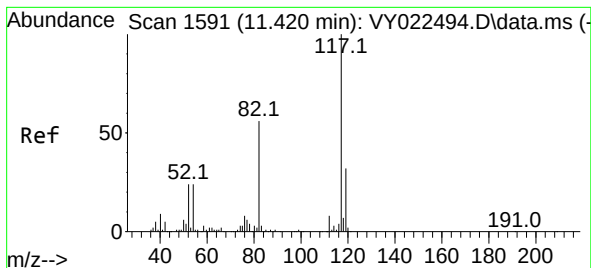
Tgt Ion:107 Resp: 25158
Ion Ratio Lower Upper
107 100
109 90.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.122 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 95 Resp: 89227
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.0
176 84.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

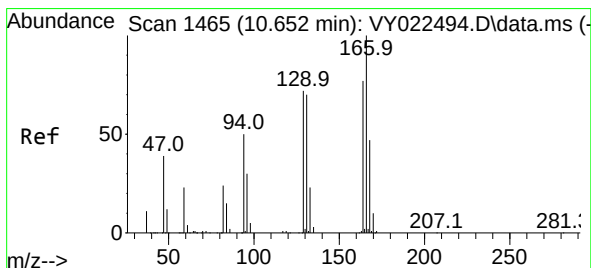
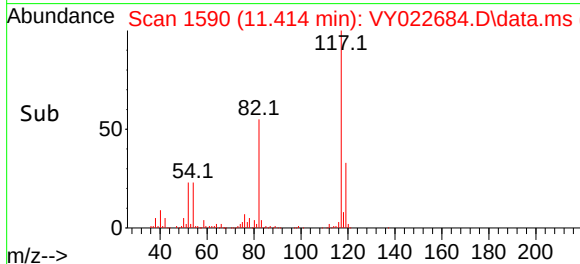
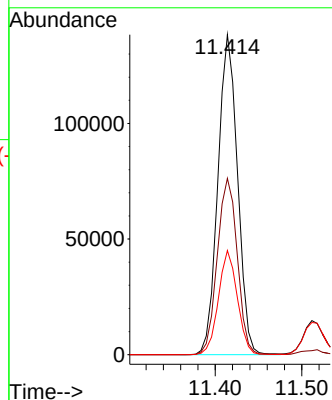
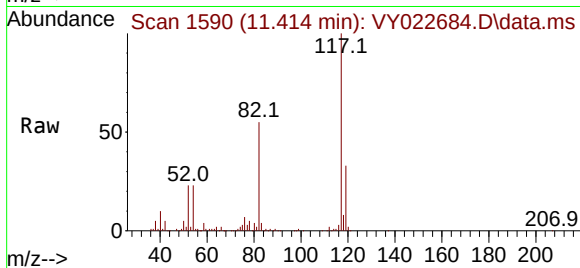
Tgt Ion:117 Resp: 218244

Ion Ratio Lower Upper

117 100

82 55.1 44.6 66.8

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 23.531 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Tgt Ion:164 Resp: 44177

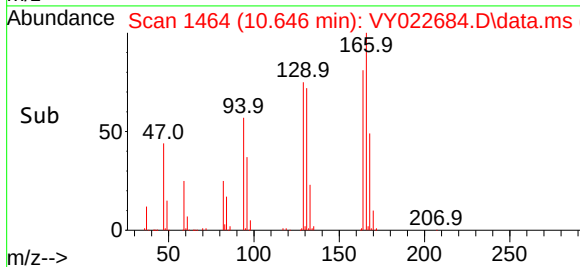
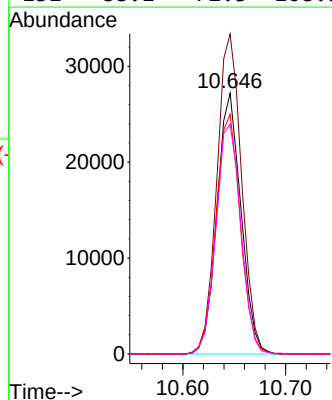
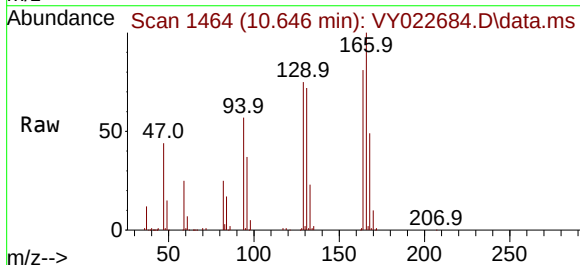
Ion Ratio Lower Upper

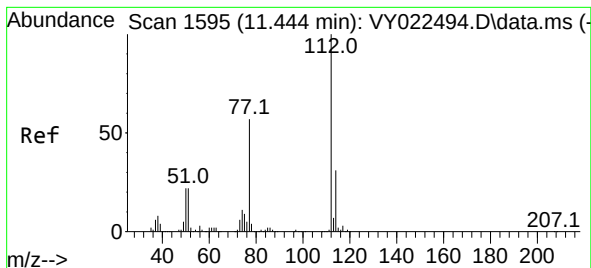
164 100

166 122.7 104.0 156.0

129 91.9 74.5 111.7

131 88.1 72.3 108.5

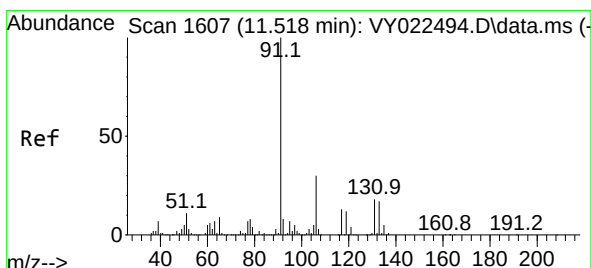
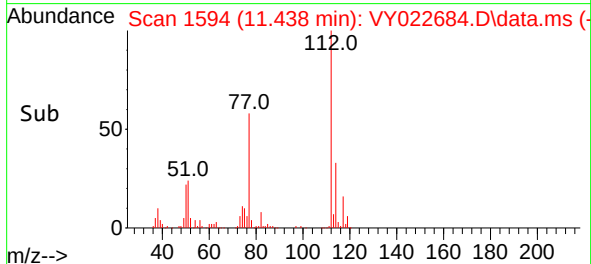
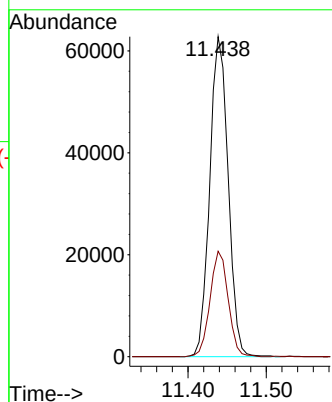
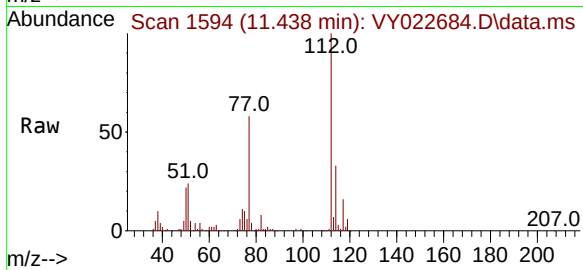




#65
Chlorobenzene
Concen: 21.210 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

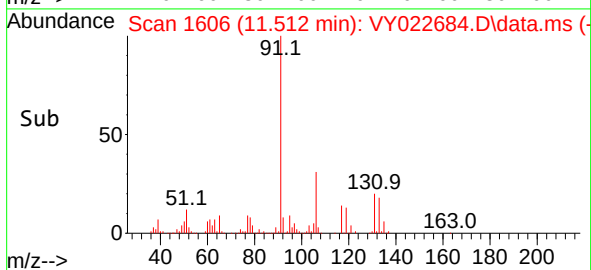
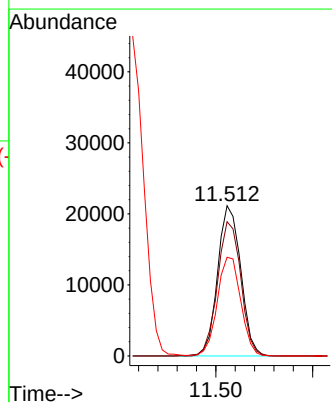
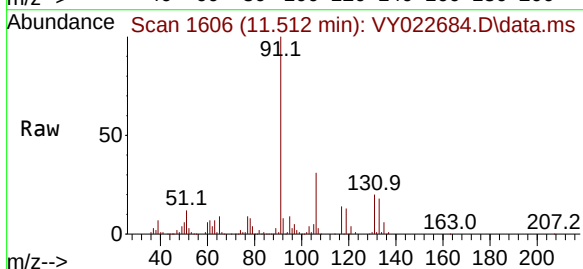
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

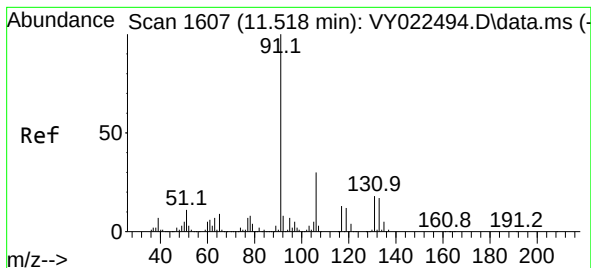
Tgt Ion:112 Resp: 102432
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.550 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion:131 Resp: 35060
Ion Ratio Lower Upper
131 100
133 90.4 47.3 141.8
119 67.0 33.1 99.3

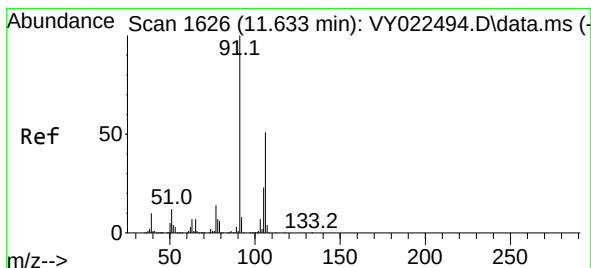
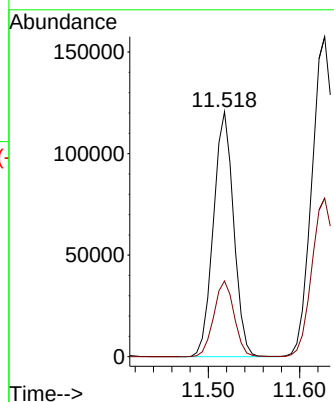
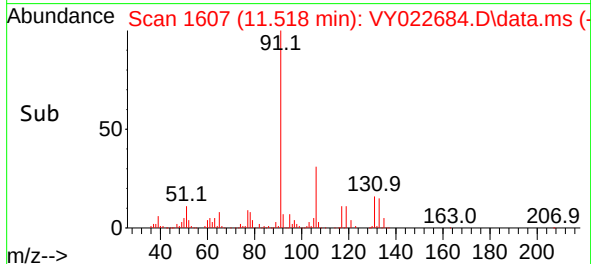
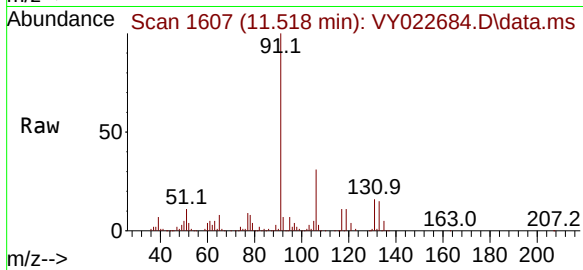




#67
Ethyl Benzene
Concen: 20.730 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

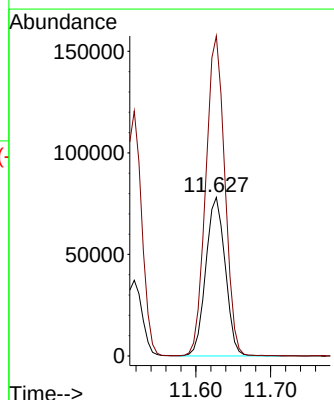
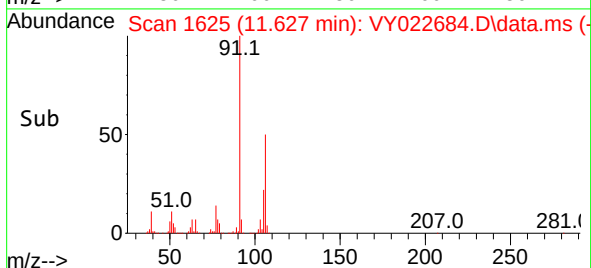
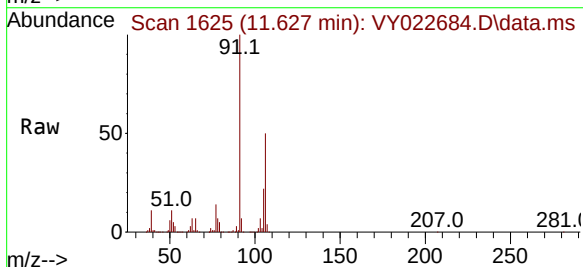
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

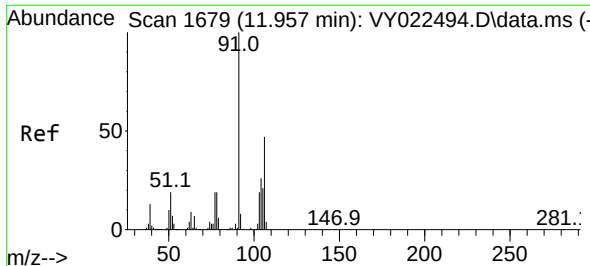
Tgt Ion: 91 Resp: 185689
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4



#68
m/p-Xylenes
Concen: 41.569 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 106 Resp: 141156
Ion Ratio Lower Upper
106 100
91 198.0 159.4 239.0

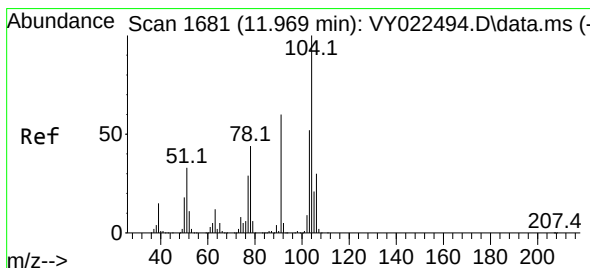
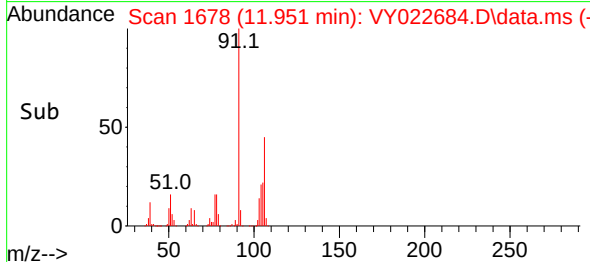
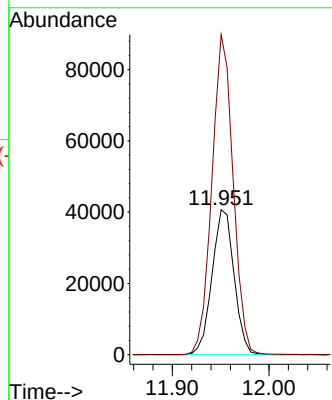
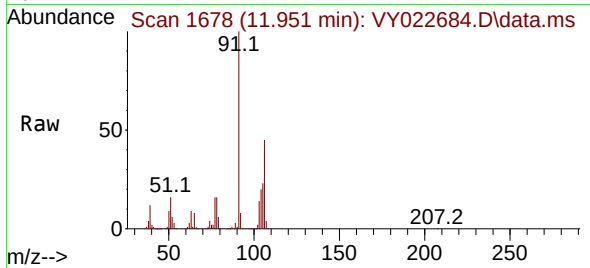




#69
o-Xylene
Concen: 20.187 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

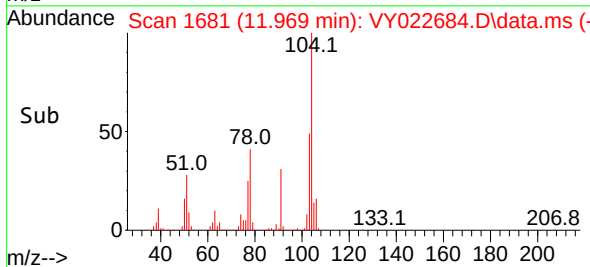
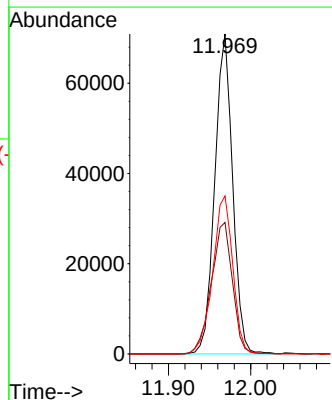
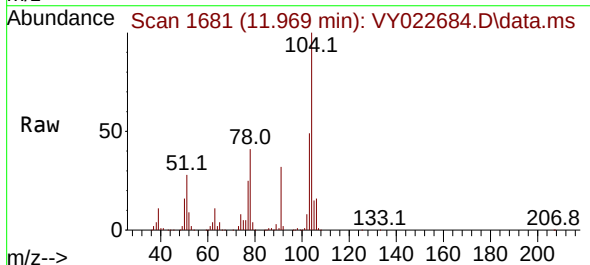
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

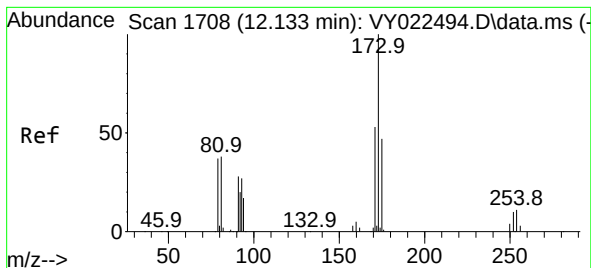
Tgt Ion:106 Resp: 64269
Ion Ratio Lower Upper
106 100
91 213.1 105.8 317.3



#70
Styrene
Concen: 20.360 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion:104 Resp: 107150
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.5 44.1 66.1





#71

Bromoform

Concen: 20.816 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

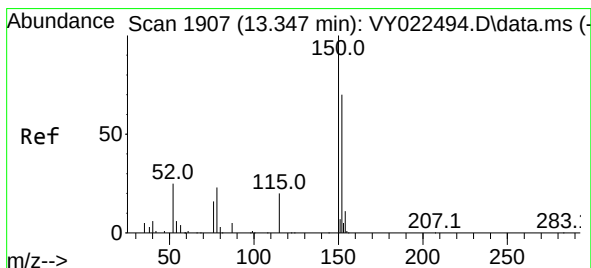
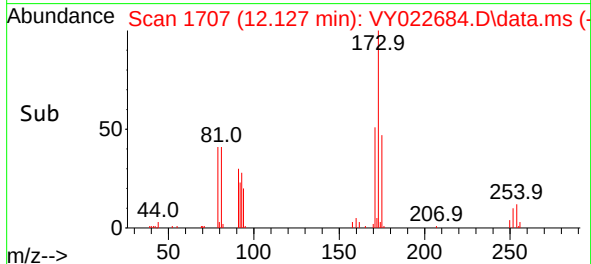
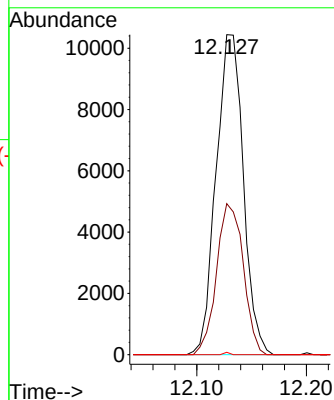
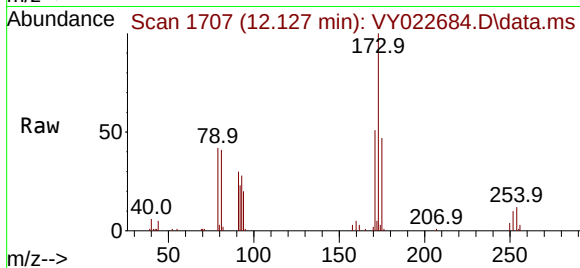
Tgt Ion:173 Resp: 18022

Ion Ratio Lower Upper

173 100

175 46.3 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

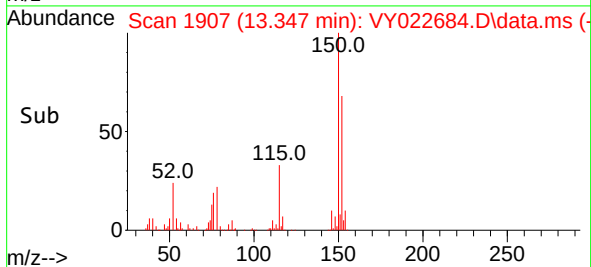
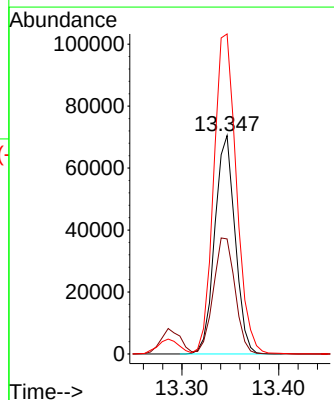
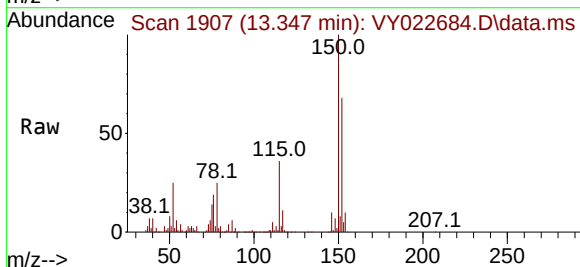
Tgt Ion:152 Resp: 102780

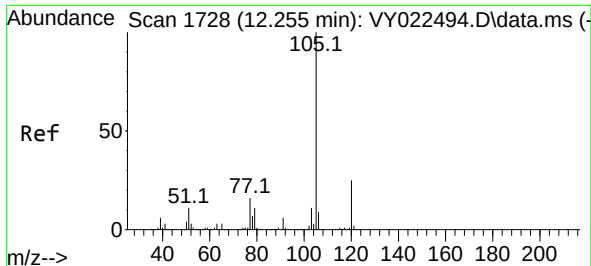
Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 163.7 0.0 349.6

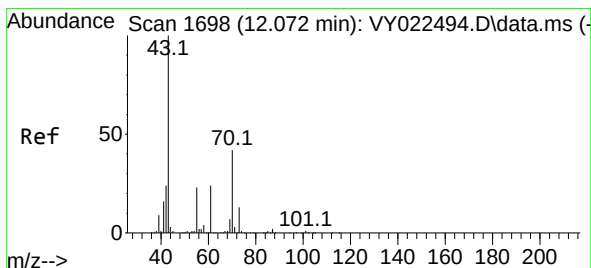
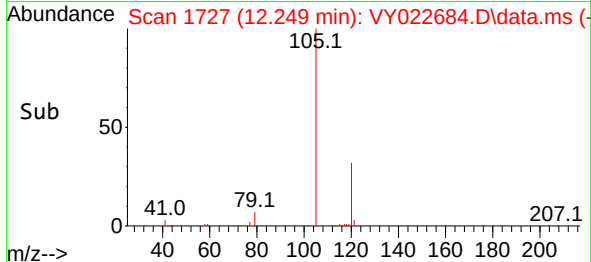
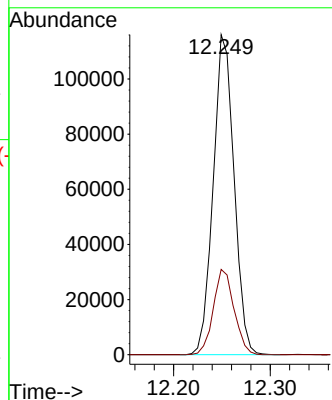
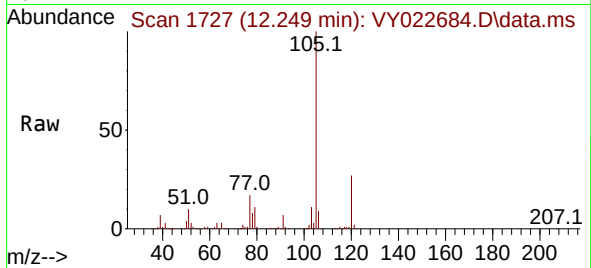




#73
Isopropylbenzene
Concen: 20.584 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

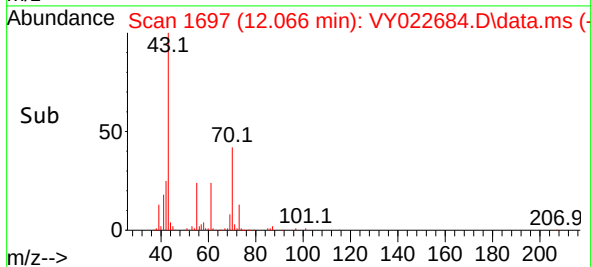
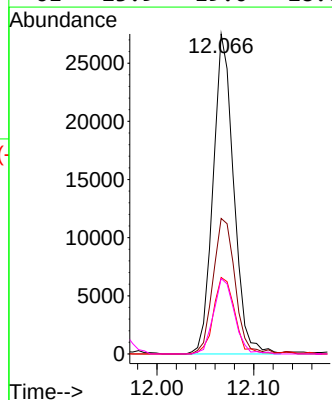
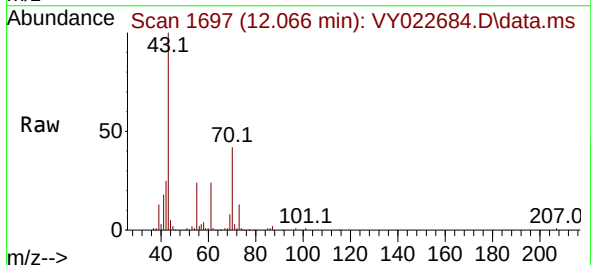
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

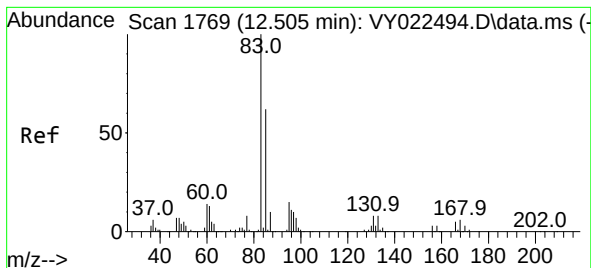
Tgt Ion:105 Resp: 173690
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 19.114 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 43 Resp: 40697
Ion Ratio Lower Upper
43 100
70 45.7 34.2 51.2
55 24.6 18.2 27.4
61 23.9 19.0 28.6

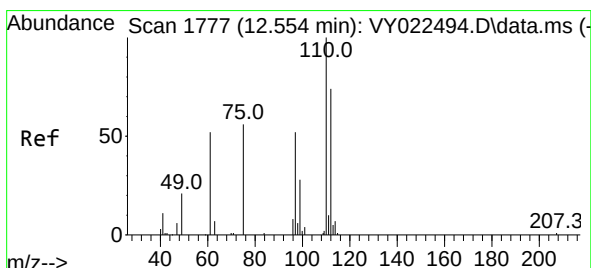
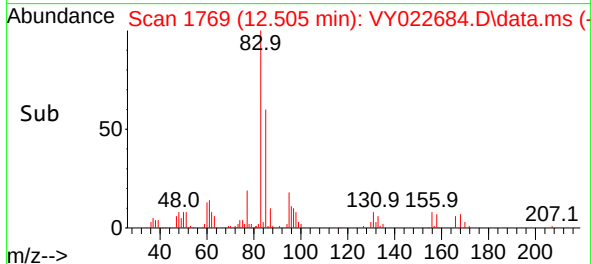
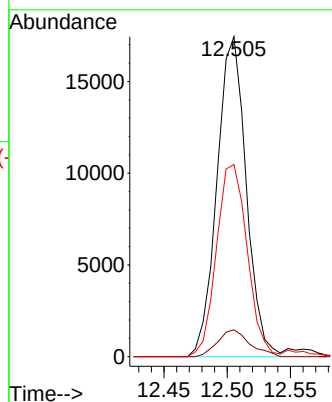
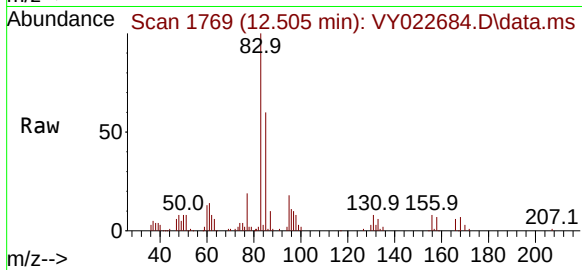




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.216 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

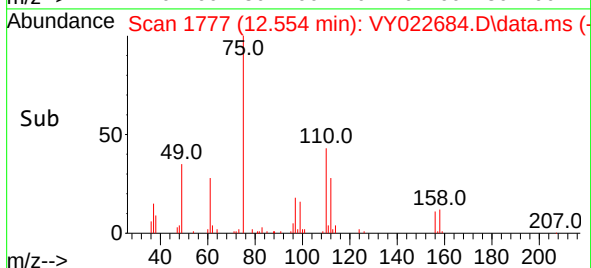
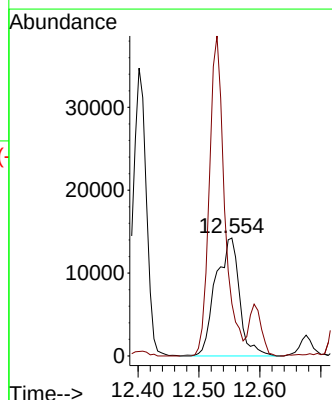
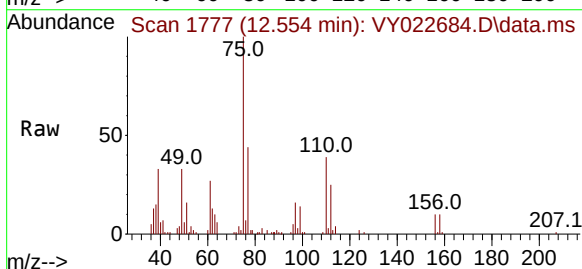
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

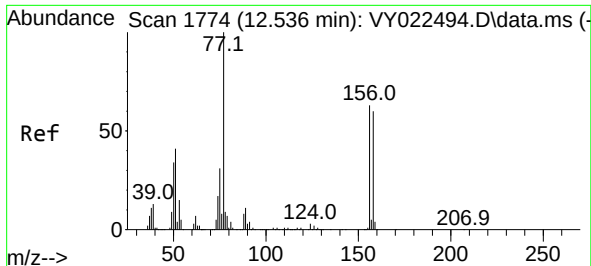
Tgt Ion: 83 Resp: 27997
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.7
 85 63.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 32.841 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

Tgt Ion: 75 Resp: 38616
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

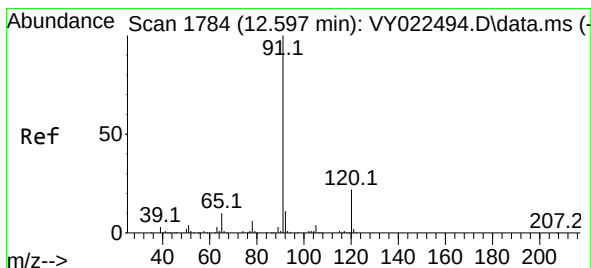
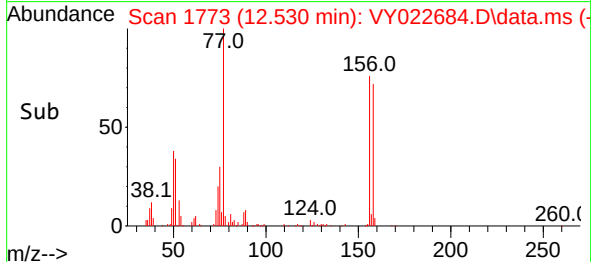
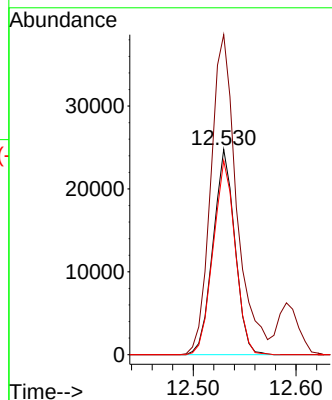
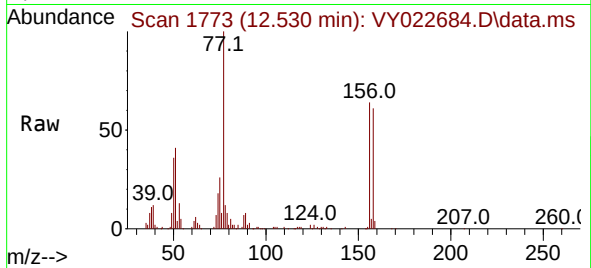




#77
Bromobenzene
Concen: 20.504 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

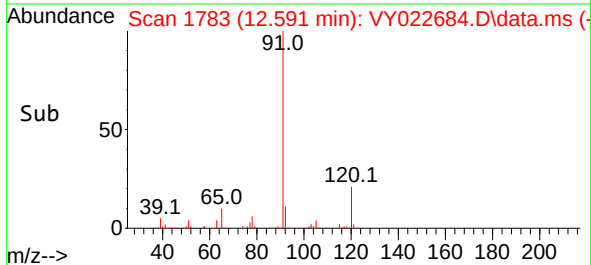
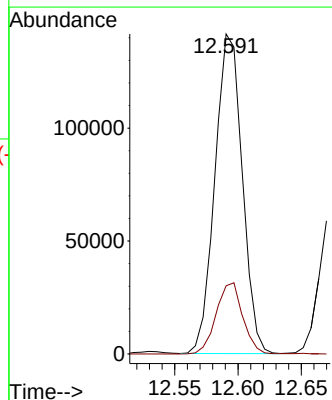
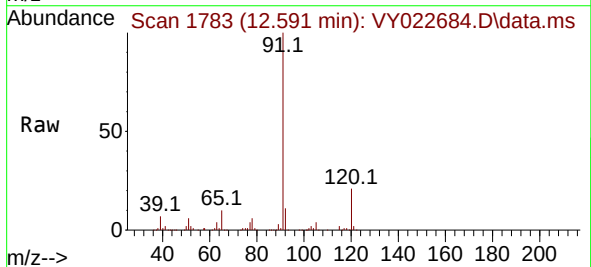
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

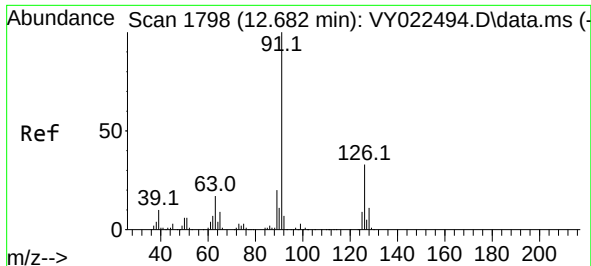
Tgt Ion:156 Resp: 36510
Ion Ratio Lower Upper
156 100
77 184.9 94.0 282.1
158 95.9 48.2 144.6



#78
n-propylbenzene
Concen: 20.630 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 91 Resp: 212620
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

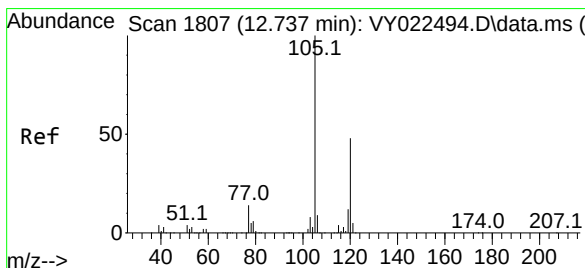
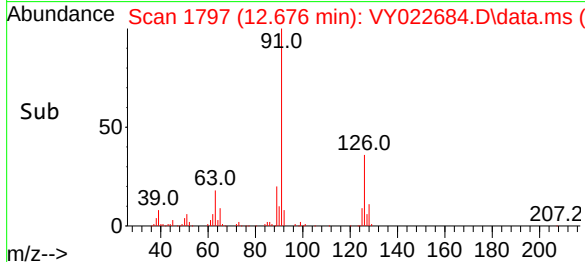
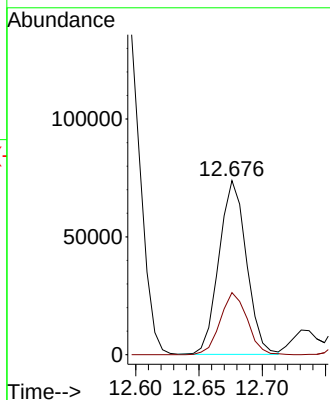
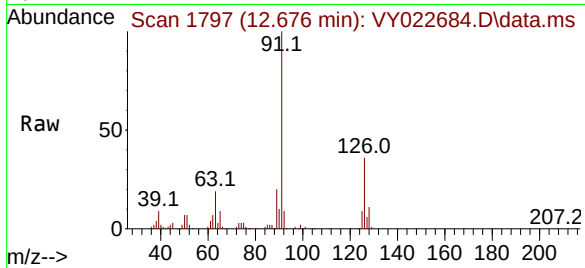




#79
2-Chlorotoluene
Concen: 20.422 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

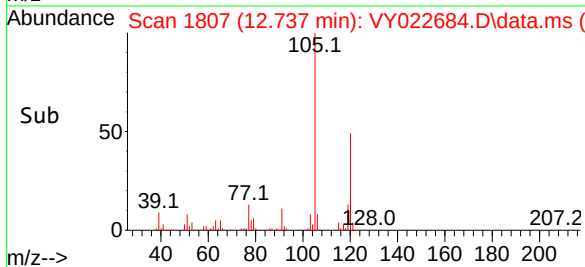
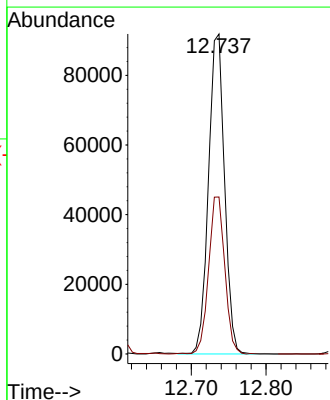
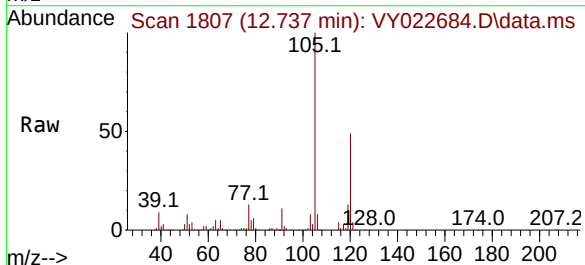
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

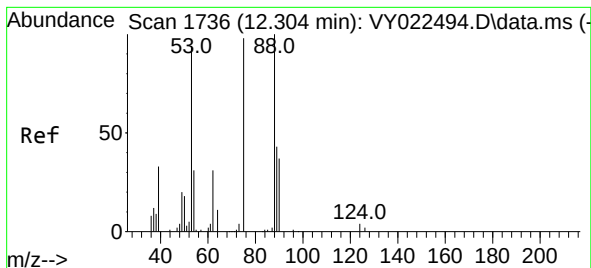
Tgt Ion: 91 Resp: 111553
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.675 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion:105 Resp: 136965
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4

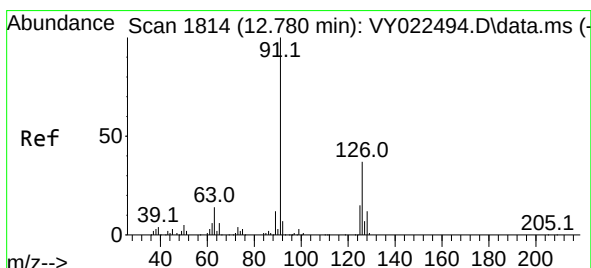
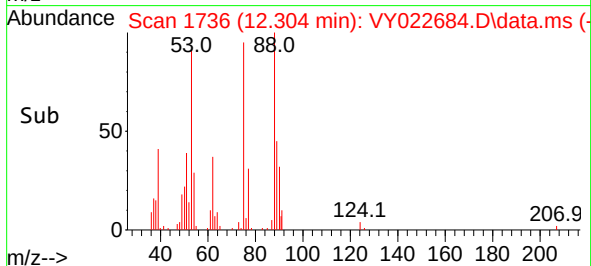
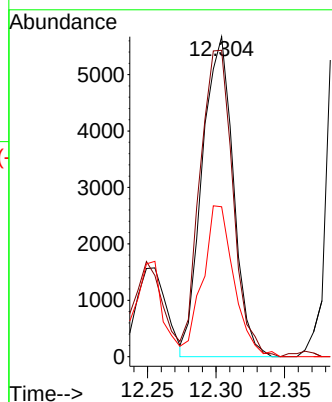
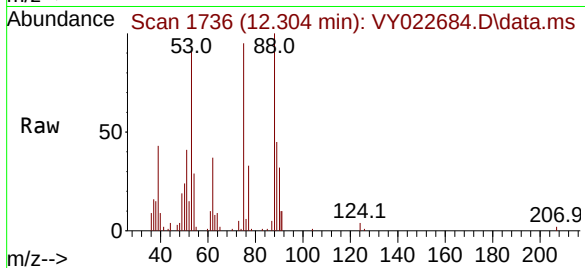




#81
trans-1,4-Dichloro-2-butene
Concen: 18.357 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

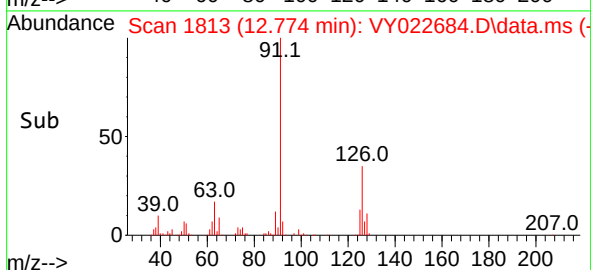
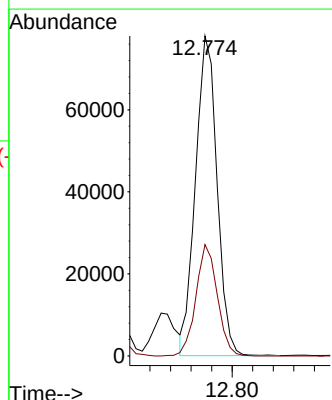
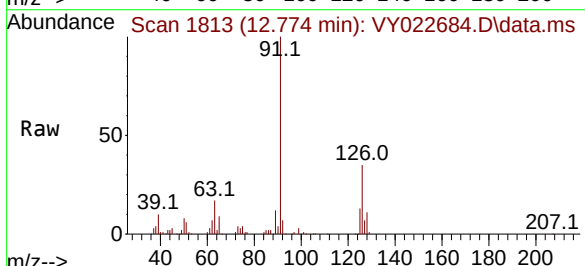
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

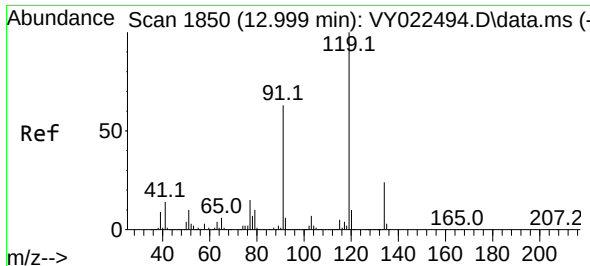
Tgt Ion: 75 Resp: 8938
Ion Ratio Lower Upper
75 100
53 101.1 78.5 117.7
89 47.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.143 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022684.D
Acq: 13 Jun 2025 09:42

Tgt Ion: 91 Resp: 113506
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9

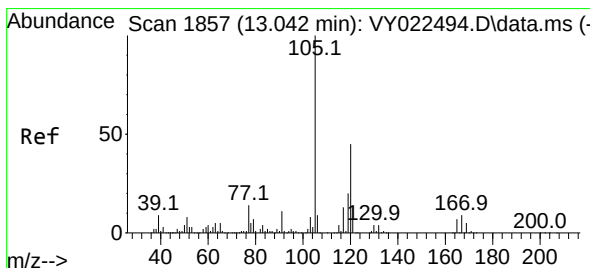
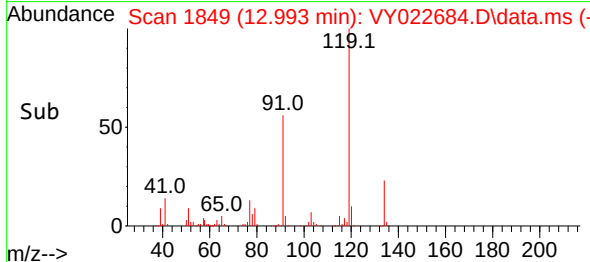
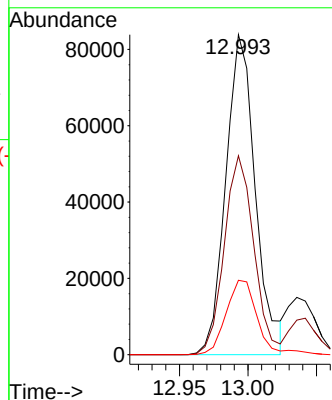
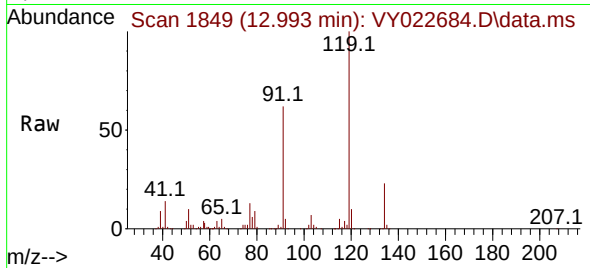




#83
 tert-Butylbenzene
 Concen: 21.210 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

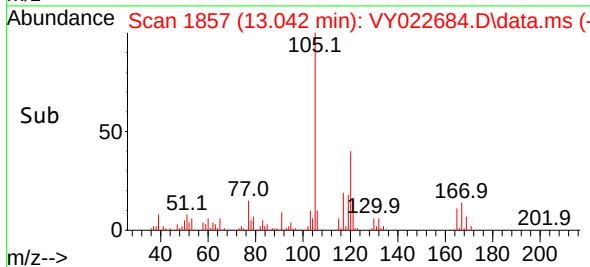
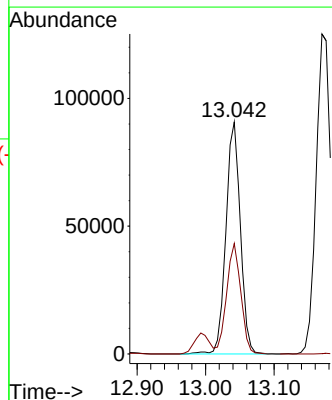
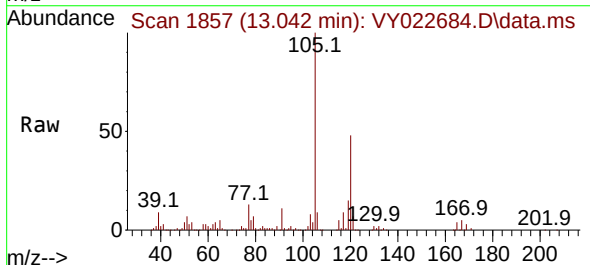
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

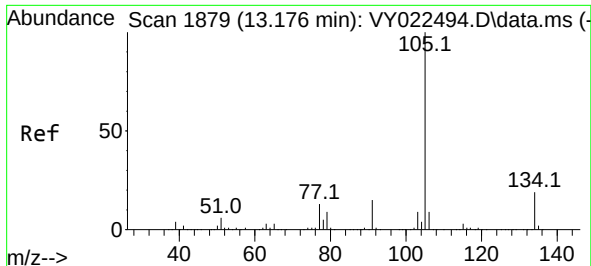
Tgt Ion:119 Resp: 126110
 Ion Ratio Lower Upper
 119 100
 91 62.3 32.1 96.3
 134 24.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.024 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

Tgt Ion:105 Resp: 132674
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.7 68.1

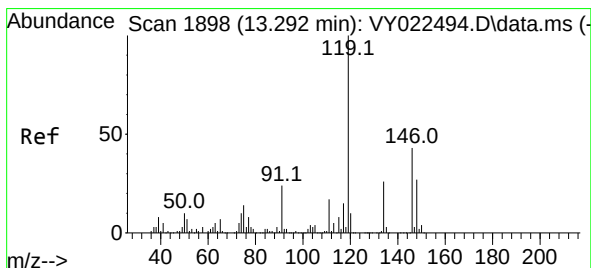
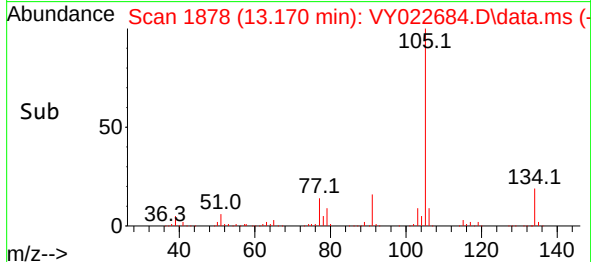
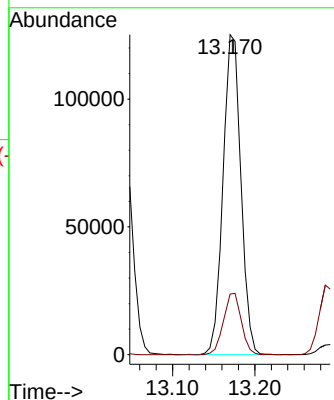
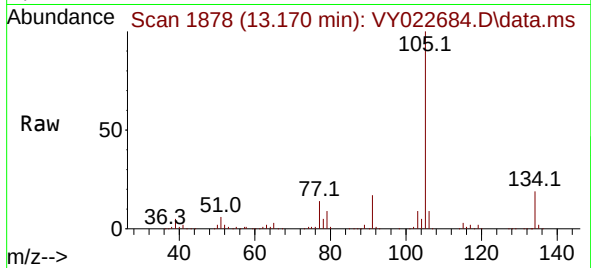




#85
 sec-Butylbenzene
 Concen: 20.748 ug/l
 RT: 13.170 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

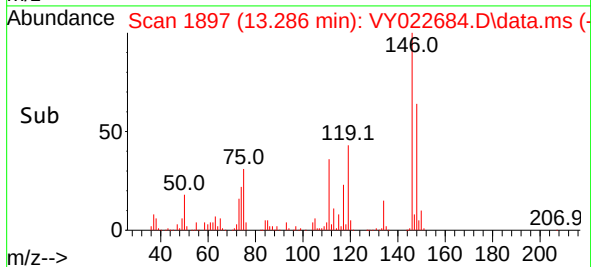
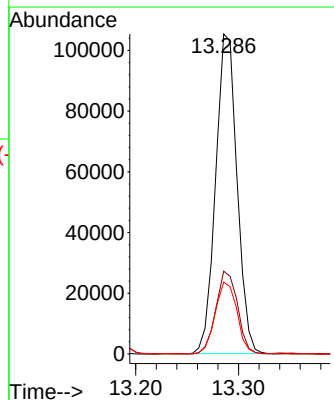
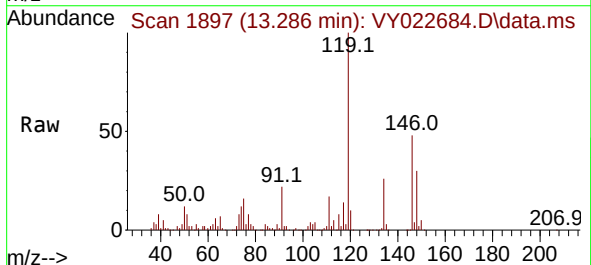
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

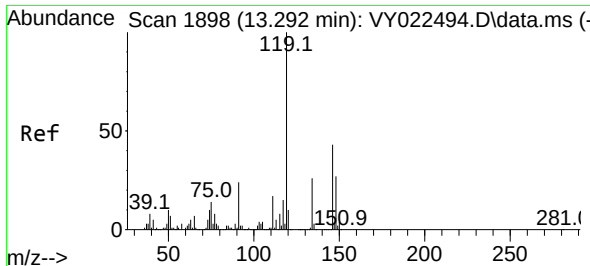
Tgt Ion:105 Resp: 188934
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.269 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022684.D
 Acq: 13 Jun 2025 09:42

Tgt Ion:119 Resp: 152138
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.562 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

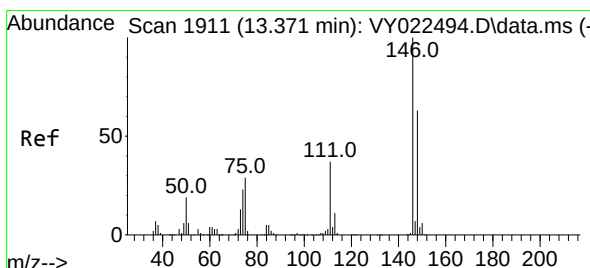
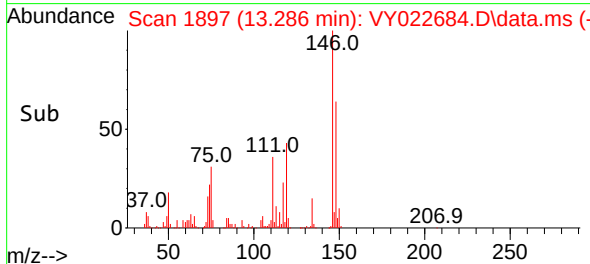
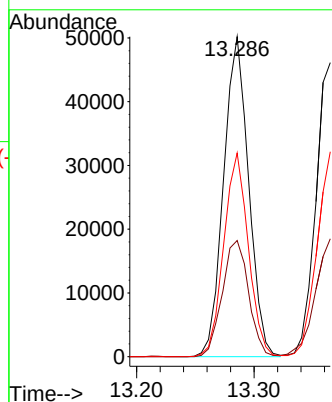
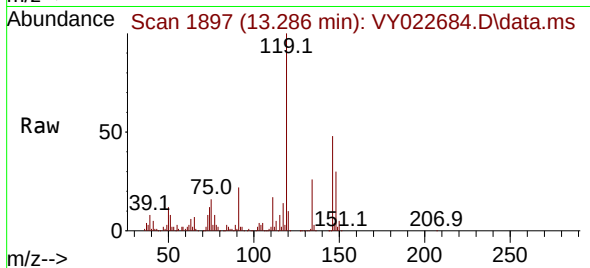
Tgt Ion:146 Resp: 74183

Ion Ratio Lower Upper

146 100

111 38.3 20.1 60.2

148 62.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.327 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

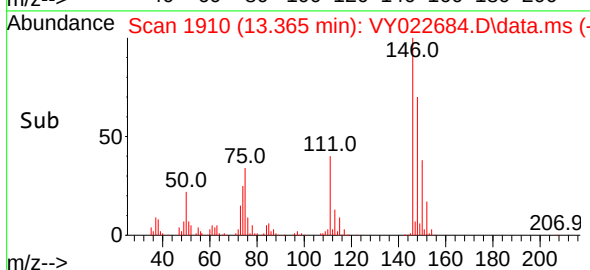
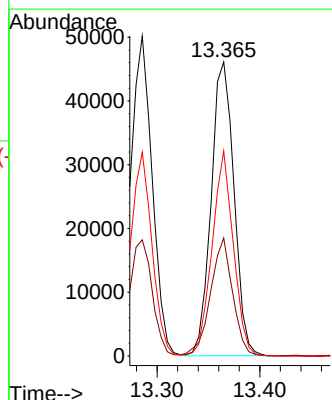
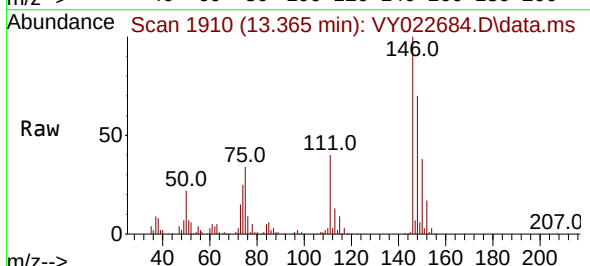
Tgt Ion:146 Resp: 71130

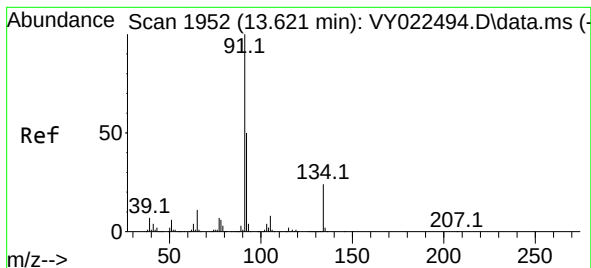
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 20.677 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

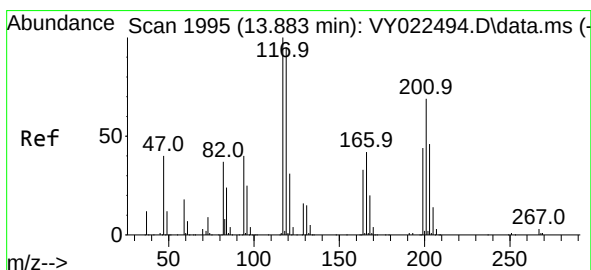
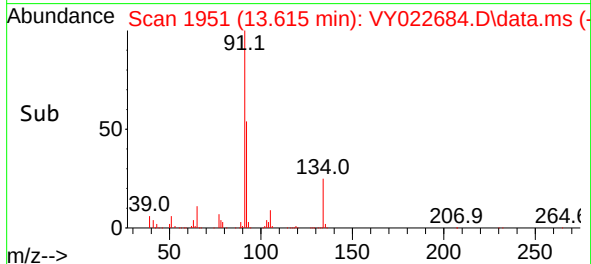
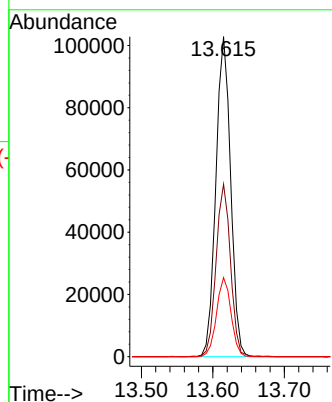
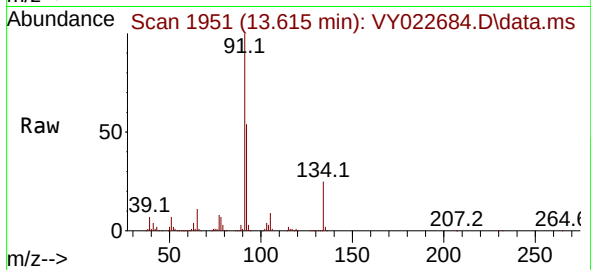
Tgt Ion: 91 Resp: 147250

Ion Ratio Lower Upper

91 100

92 52.7 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 20.933 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022684.D

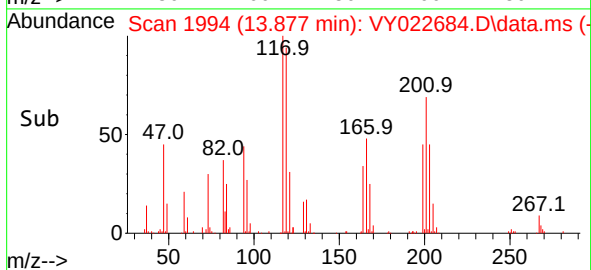
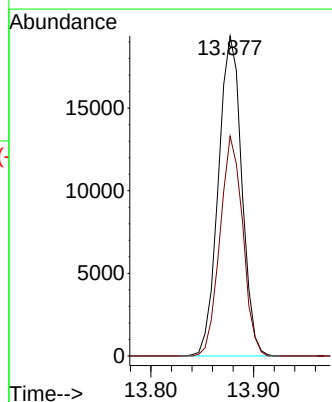
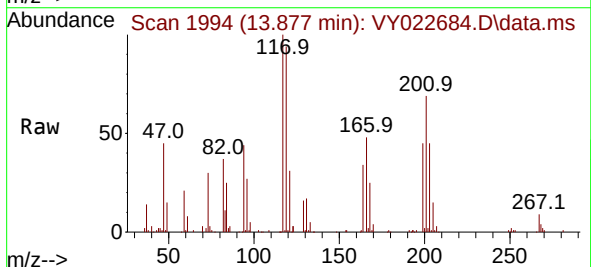
Acq: 13 Jun 2025 09:42

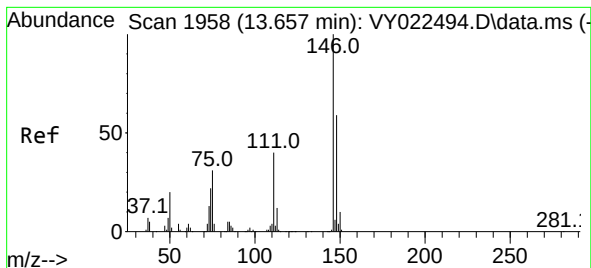
Tgt Ion: 117 Resp: 30589

Ion Ratio Lower Upper

117 100

201 66.7 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.990 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

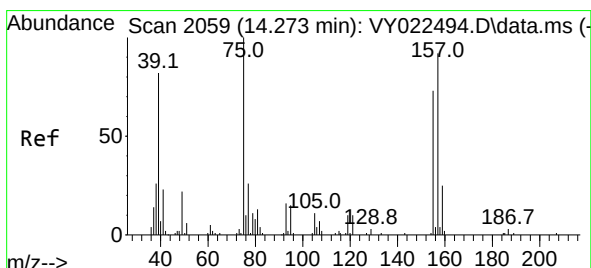
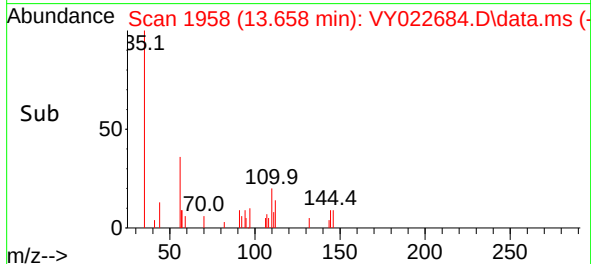
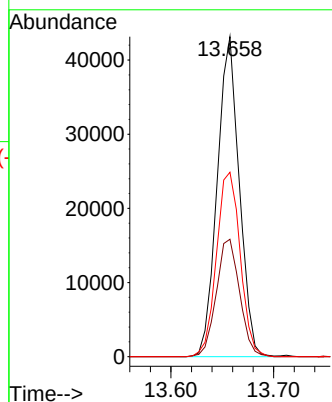
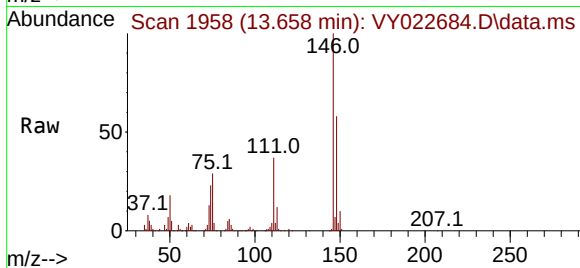
Tgt Ion:146 Resp: 64296

Ion Ratio Lower Upper

146 100

111 38.8 20.2 60.6

148 62.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.200 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

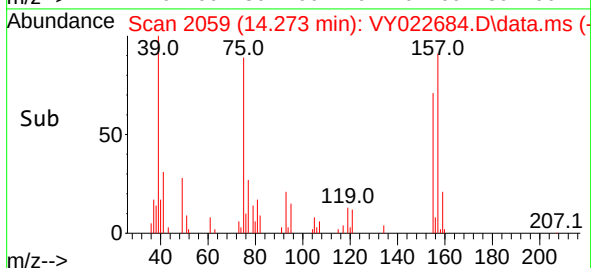
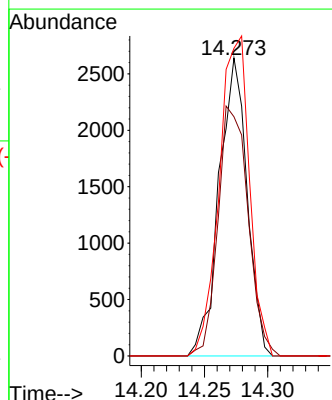
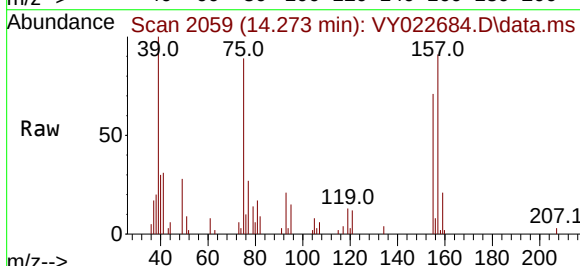
Tgt Ion: 75 Resp: 4073

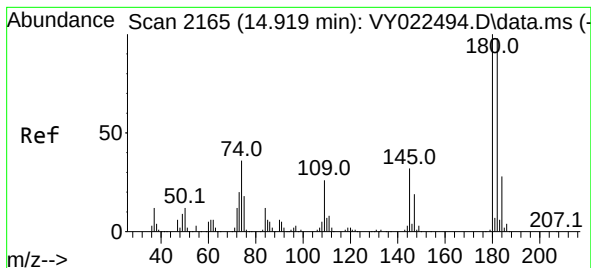
Ion Ratio Lower Upper

75 100

155 89.7 39.9 119.6

157 115.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.552 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

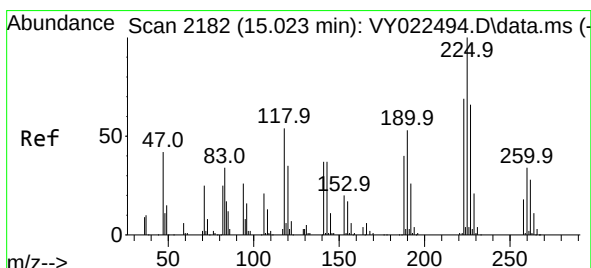
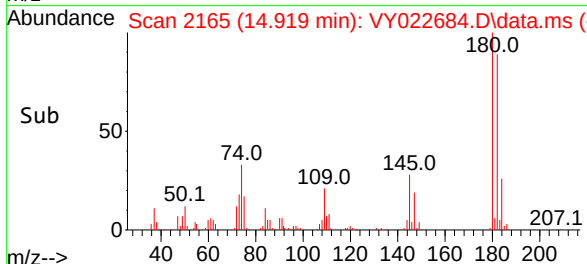
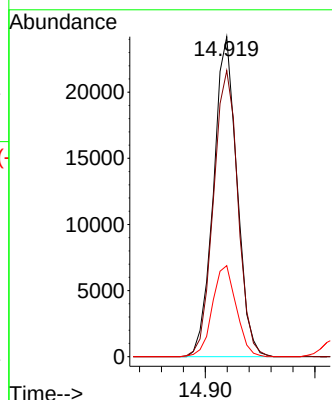
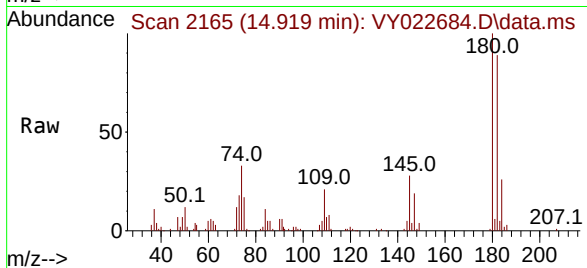
Tgt Ion:180 Resp: 36006

Ion Ratio Lower Upper

180 100

182 93.0 48.4 145.3

145 29.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 22.339 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

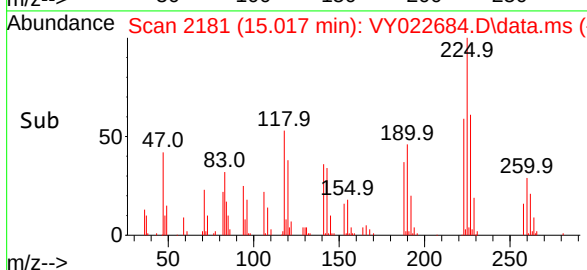
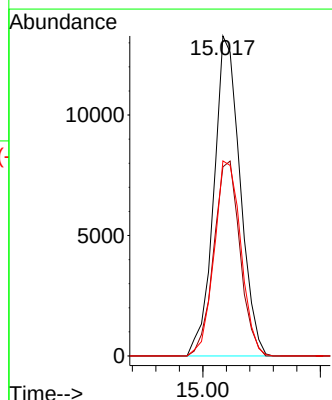
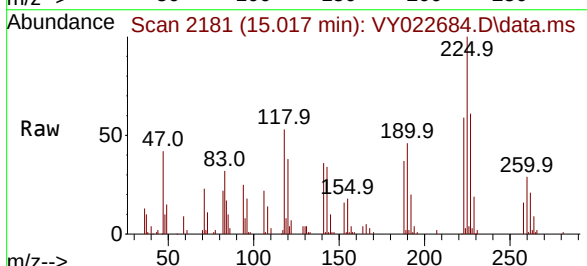
Tgt Ion:225 Resp: 20598

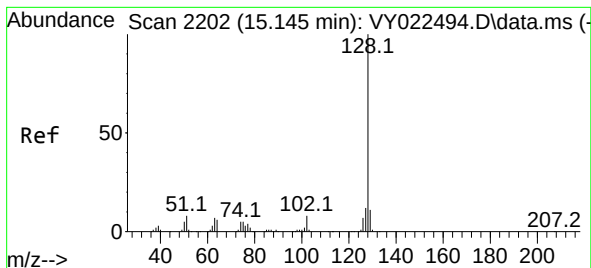
Ion Ratio Lower Upper

225 100

223 60.8 32.5 97.4

227 61.9 32.3 96.9





#95

Naphthalene

Concen: 19.391 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

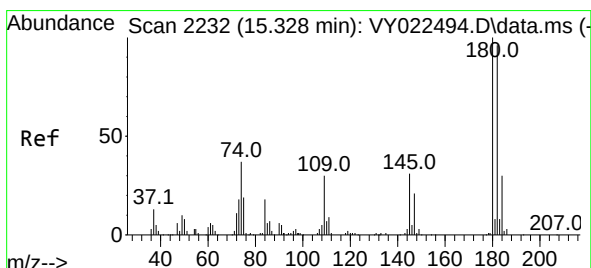
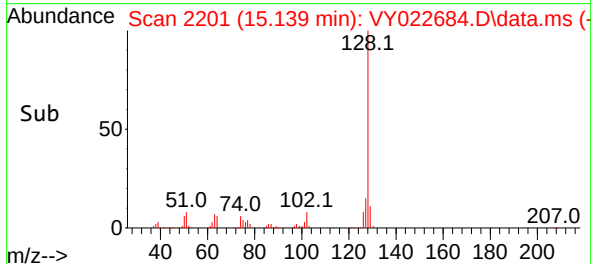
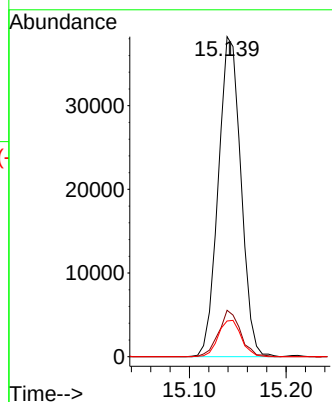
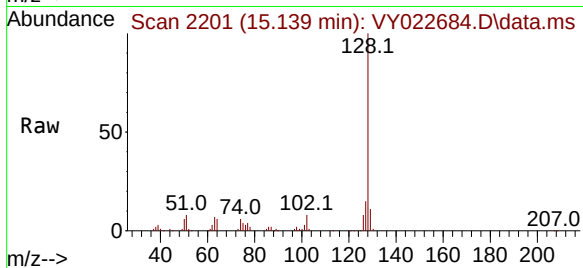
Tgt Ion:128 Resp: 62165

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 11.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.546 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022684.D

Acq: 13 Jun 2025 09:42

Tgt Ion:180 Resp: 30848

Ion Ratio Lower Upper

180 100

182 93.5 47.1 141.3

145 30.9 15.2 45.6

