

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020753.D
 Acq On : 30 Dec 2024 13:54
 Operator : SY/MD
 Sample : VY1230SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 00:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	157331	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.615	114	236363	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	204202	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	106862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71279	55.311	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.620%	
35) Dibromofluoromethane	7.634	113	67492	51.840	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.103	98	262842	50.742	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.407	95	90781	52.468	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	23740	19.170	ug/l	99
3) Chloromethane	2.068	50	10965	23.742	ug/l	99
4) Vinyl Chloride	2.202	62	11724	20.488	ug/l	99
5) Bromomethane	2.586	94	8810	20.391	ug/l	86
6) Chloroethane	2.726	64	7738	22.542	ug/l	100
7) Trichlorofluoromethane	3.055	101	37665	17.116	ug/l	93
8) Diethyl Ether	3.452	74	12416	23.711	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.818	101	25759	21.322	ug/l	98
10) Methyl Iodide	4.000	142	26273	19.888	ug/l	93
11) Tert butyl alcohol	4.860	59	11173	128.746	ug/l	99
12) 1,1-Dichloroethene	3.787	96	23252	21.624	ug/l	91
13) Acrolein	3.647	56	4550	168.899	ug/l	98
14) Allyl chloride	4.378	41	30633	24.345	ug/l	86
15) Acrylonitrile	5.061	53	26923	133.094	ug/l	97
16) Acetone	3.866	43	19289	117.988	ug/l	94
17) Carbon Disulfide	4.104	76	54047	20.490	ug/l	98
18) Methyl Acetate	4.385	43	12428	28.088	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	67409	22.492	ug/l	97
20) Methylene Chloride	4.610	84	25186	23.687	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	25685	22.167	ug/l	95
22) Diisopropyl ether	6.012	45	68242	26.678	ug/l	94
23) Vinyl Acetate	5.957	43	201190	131.682	ug/l	97
24) 1,1-Dichloroethane	5.909	63	45832	23.898	ug/l	98
25) 2-Butanone	6.890	43	31629	143.223	ug/l	92
26) 2,2-Dichloropropane	6.884	77	45923	19.564	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	31299	22.556	ug/l	99
28) Bromochloromethane	7.238	49	12707	25.055	ug/l	92
29) Tetrahydrofuran	7.262	42	20607	152.020	ug/l	93
30) Chloroform	7.414	83	53831	21.820	ug/l	97
31) Cyclohexane	7.701	56	37125	22.427	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	52214	19.745	ug/l	100
36) 1,1-Dichloropropene	7.835	75	34297	19.943	ug/l	97
37) Ethyl Acetate	6.982	43	15033	26.527	ug/l	97
38) Carbon Tetrachloride	7.817	117	48553	17.145	ug/l	94
39) Methylcyclohexane	9.109	83	43887	19.910	ug/l	98
40) Benzene	8.079	78	107952	21.659	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	7924	27.681	ug/l	96
42) 1,2-Dichloroethane	8.152	62	31670	19.816	ug/l	96
43) Isopropyl Acetate	8.195	43	29336	24.354	ug/l #	86
44) Trichloroethene	8.859	130	30049	20.185	ug/l	92
45) 1,2-Dichloropropane	9.140	63	23966	23.754	ug/l	99
46) Dibromomethane	9.225	93	14940	21.402	ug/l	99
47) Bromodichloromethane	9.420	83	40439	20.433	ug/l	95
48) Methyl methacrylate	9.219	41	13576	24.135	ug/l	94
49) 1,4-Dioxane	9.225	88	3681	553.580	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	75244	129.419	ug/l	99
52) Toluene	10.170	92	70934	20.765	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	36815	21.179	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	42039	22.064	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	20602	23.120	ug/l	97
56) Ethyl methacrylate	10.438	69	27382	23.391	ug/l	94
57) 1,3-Dichloropropane	10.713	76	33793	23.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	48399	118.563	ug/l	94
59) 2-Hexanone	10.761	43	51237	133.475	ug/l	99
60) Dibromochloromethane	10.908	129	29676	20.610	ug/l	99
61) 1,2-Dibromoethane	11.011	107	19357	23.086	ug/l	97
64) Tetrachloroethene	10.646	164	27677	19.838	ug/l	96
65) Chlorobenzene	11.444	112	81085	20.279	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	30777	19.868	ug/l	96
67) Ethyl Benzene	11.517	91	143085	20.475	ug/l	100
68) m/p-Xylenes	11.627	106	111073	41.666	ug/l	95
69) o-Xylene	11.956	106	52260	20.519	ug/l	99
70) Styrene	11.969	104	89284	20.882	ug/l	97
71) Bromoform	12.133	173	18814	21.125	ug/l #	99
73) Isopropylbenzene	12.255	105	143429	19.373	ug/l	100
74) N-amyl acetate	12.072	43	26360	25.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	22418	23.620	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	31054	45.691	ug/l #	100
77) Bromobenzene	12.529	156	34206	20.071	ug/l	99
78) n-propylbenzene	12.596	91	166277	20.038	ug/l	99
79) 2-Chlorotoluene	12.682	91	95118	20.108	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	122128	19.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	7931	23.065	ug/l	94
82) 4-Chlorotoluene	12.779	91	100311	20.519	ug/l	98
83) tert-Butylbenzene	12.999	119	110946	19.260	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	119707	19.943	ug/l	98
85) sec-Butylbenzene	13.176	105	155543	20.035	ug/l	100
86) p-Isopropyltoluene	13.291	119	135564	19.594	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	67300	20.205	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	68267	20.603	ug/l	98
89) n-Butylbenzene	13.621	91	118771	20.565	ug/l	98
90) Hexachloroethane	13.883	117	25805	19.614	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	59303	20.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3935	21.377	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	38322	21.110	ug/l	99
94) Hexachlorobutadiene	15.029	225	25895	19.572	ug/l	99
95) Naphthalene	15.145	128	63884	21.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32334	21.392	ug/l	98

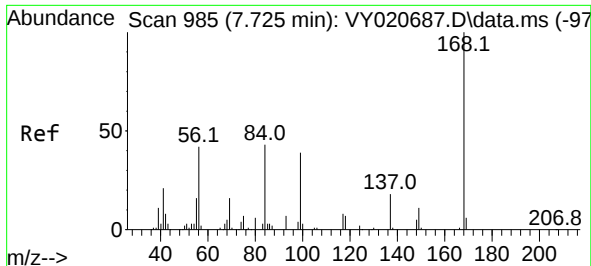
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Response via : Initial Calibration

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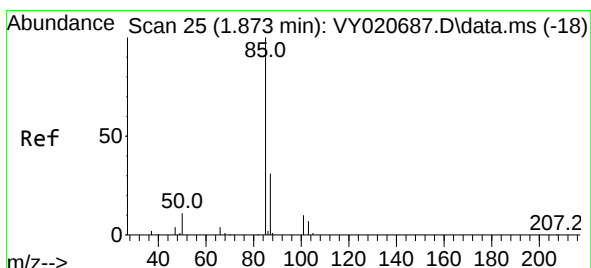
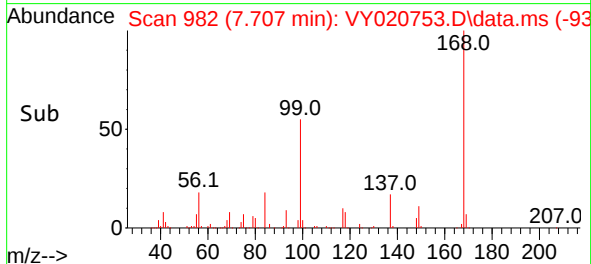
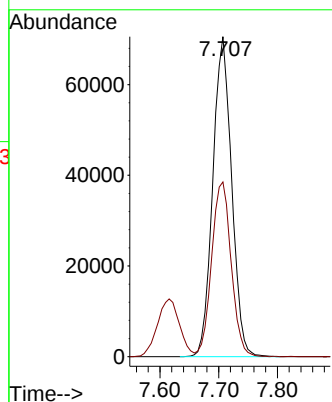
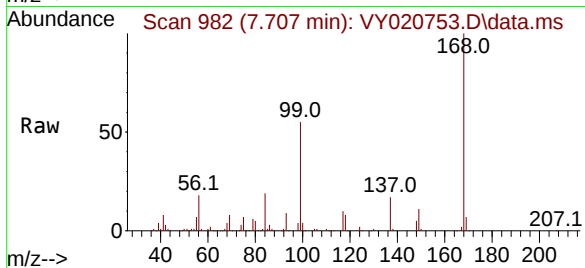
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

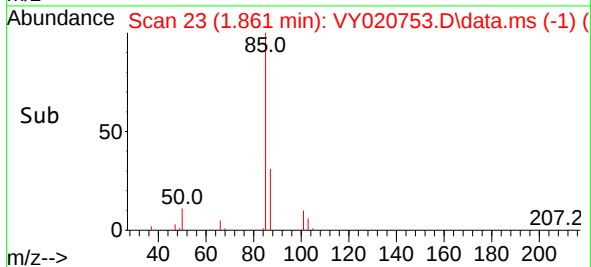
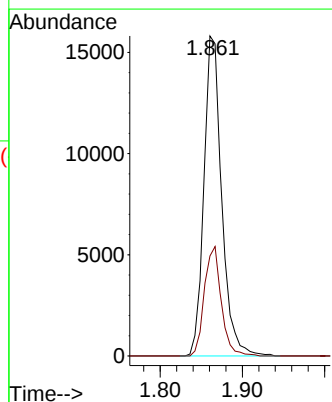
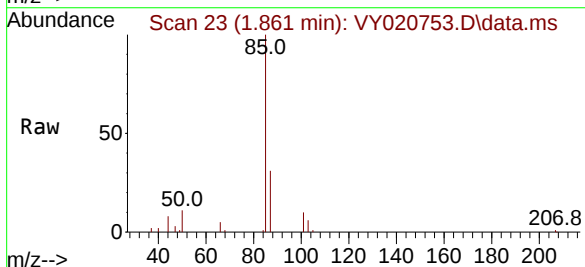
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ClientSampleId :

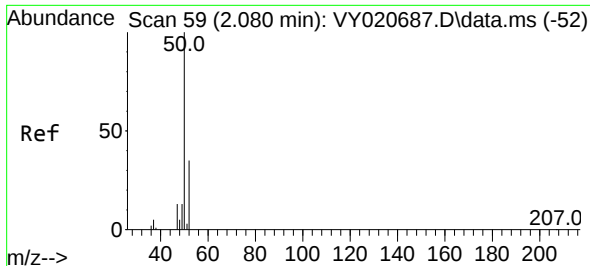
Tgt Ion:168 Resp: 157331
Ion Ratio Lower Upper
168 100
99 54.6 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 19.170 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

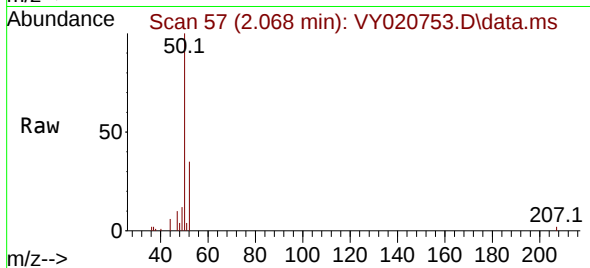
Tgt Ion: 85 Resp: 23740
Ion Ratio Lower Upper
85 100
87 31.3 15.4 46.4



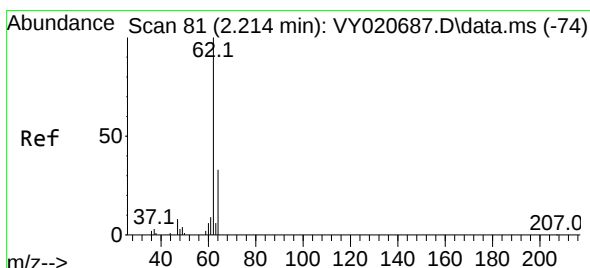
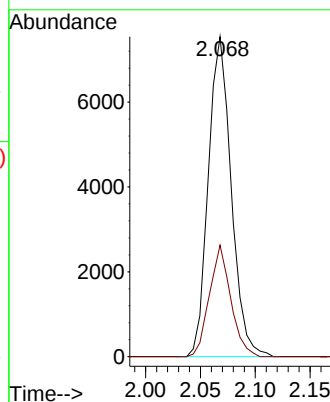
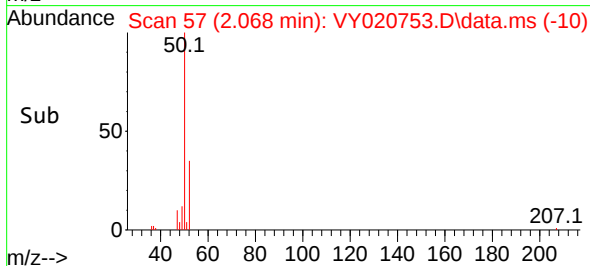


#3
Chloromethane
Concen: 23.742 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

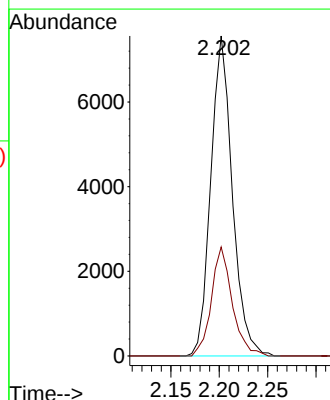
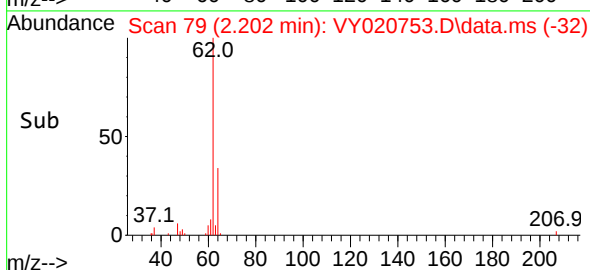
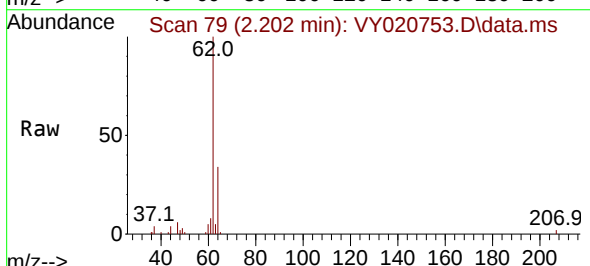


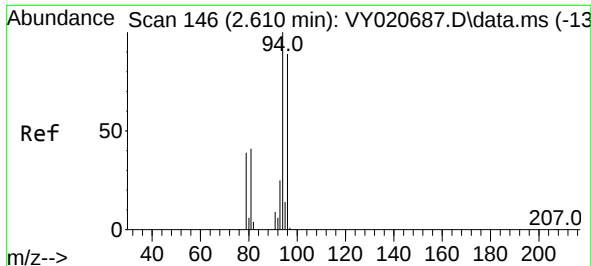
Tgt Ion: 50 Resp: 10965
Ion Ratio Lower Upper
50 100
52 34.9 28.2 42.2



#4
Vinyl Chloride
Concen: 20.488 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 62 Resp: 11724
Ion Ratio Lower Upper
62 100
64 34.0 26.6 40.0

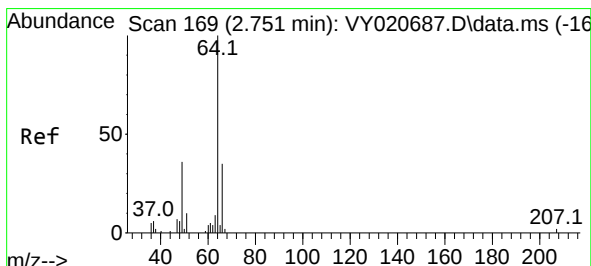
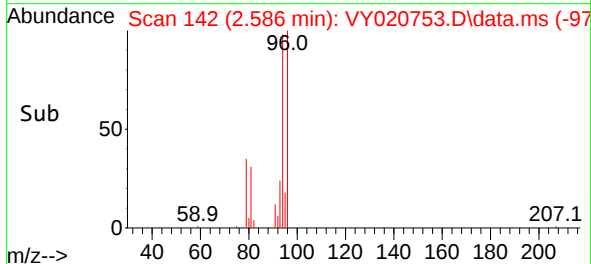
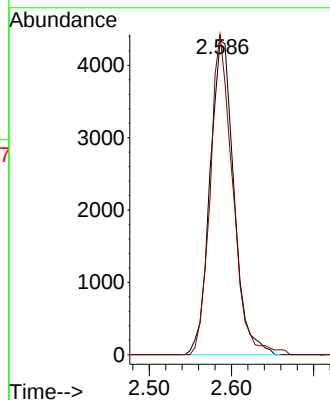
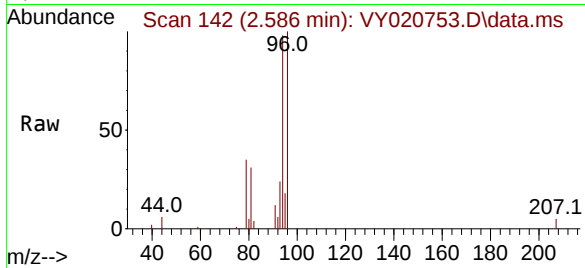




#5
Bromomethane
Concen: 20.391 ug/l
RT: 2.586 min Scan# 146
Delta R.T. -0.024 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

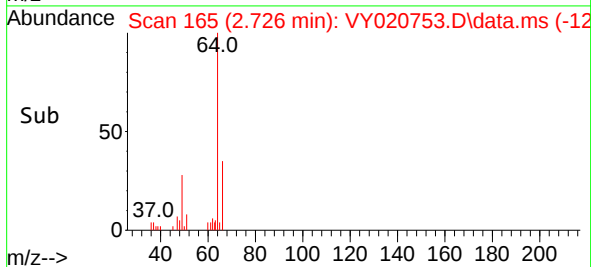
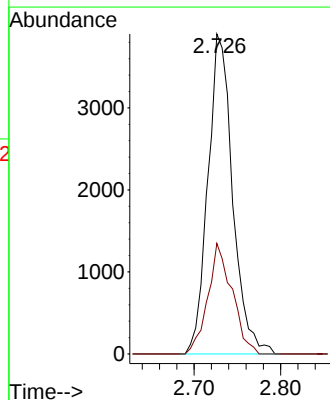
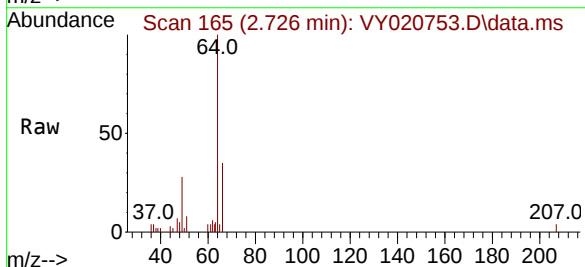
Instrument :
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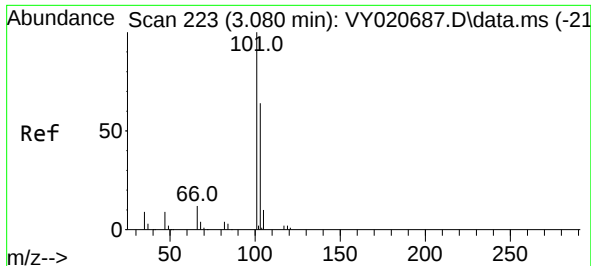
Tgt Ion: 94 Resp: 8810
Ion Ratio Lower Upper
94 100
96 101.9 71.0 106.6



#6
Chloroethane
Concen: 22.542 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.025 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 64 Resp: 7738
Ion Ratio Lower Upper
64 100
66 34.6 27.8 41.8

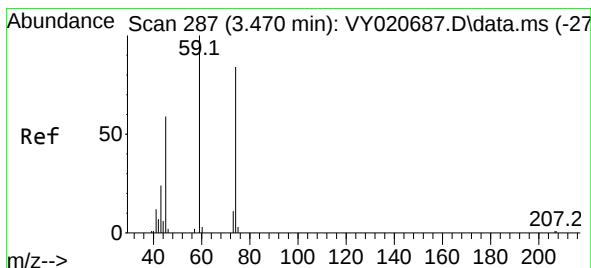
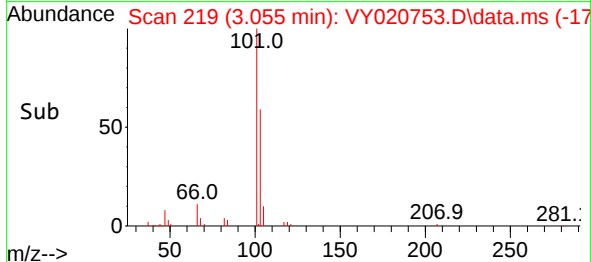
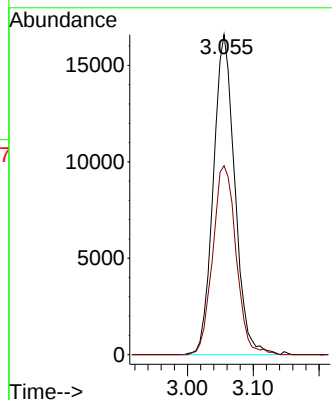
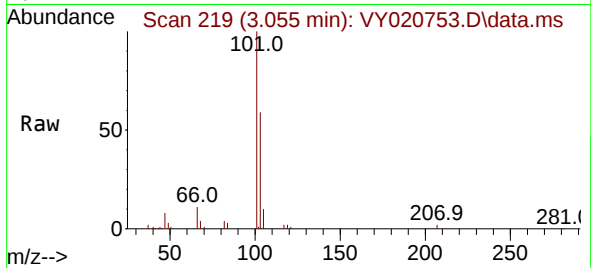




#7
 Trichlorofluoromethane
 Concen: 17.116 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54

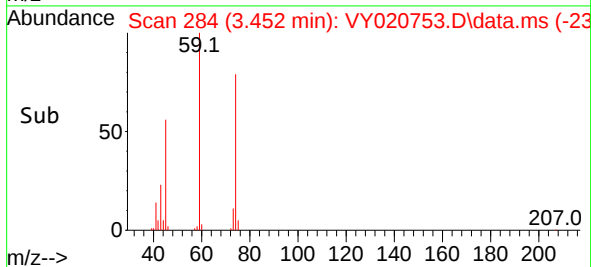
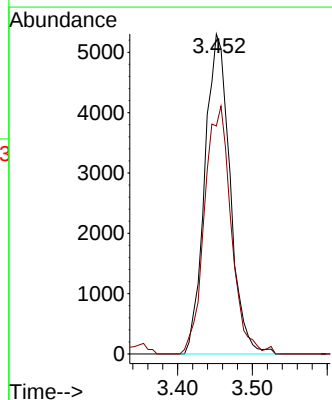
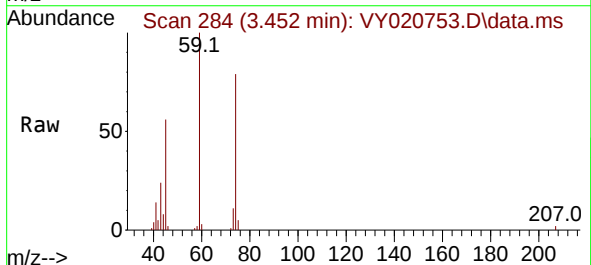
Instrument :
 MSVOA_Y
 ClientSampleId :

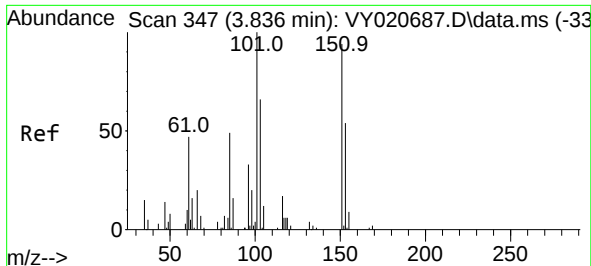
Tgt Ion:101 Resp: 37665
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 23.711 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.018 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54

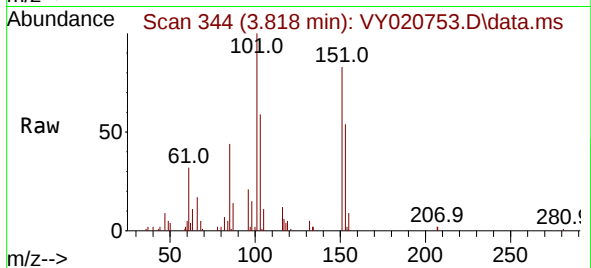
Tgt Ion: 74 Resp: 12416
 Ion Ratio Lower Upper
 74 100
 45 82.1 35.8 107.4



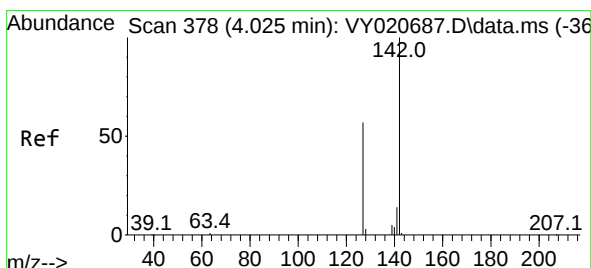
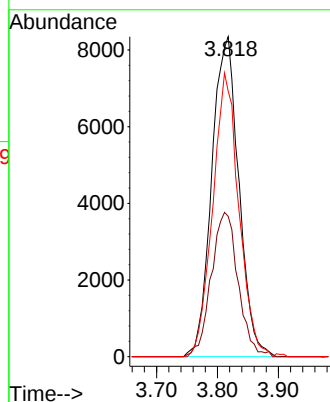
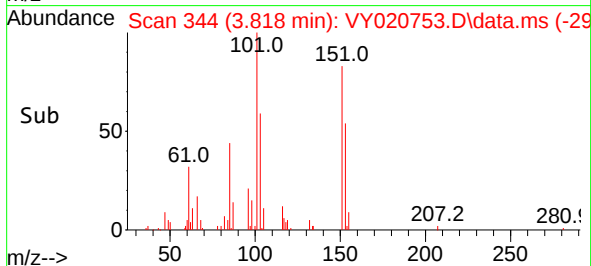


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.322 ug/l
 RT: 3.818 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: VY020753.D
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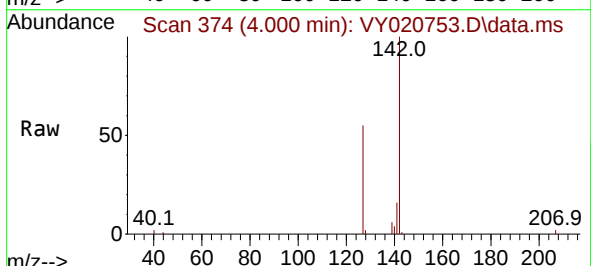
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 ClientSampleId :



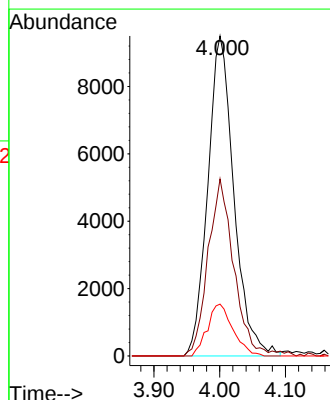
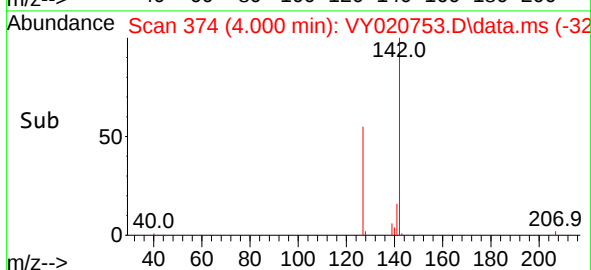
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 Ion Ratio Lower Upper
 101 100
 85 44.8 38.2 57.2
 151 85.3 68.4 102.6

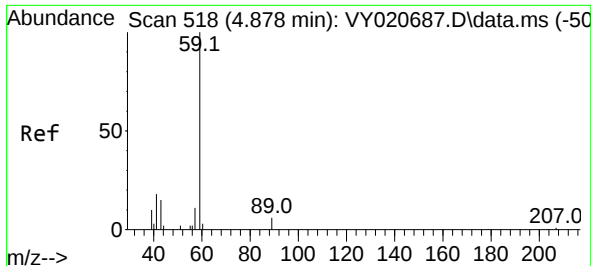


#10
 Methyl Iodide
 Concen: 19.888 ug/l
 RT: 4.000 min Scan# 374
 Delta R.T. -0.025 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54



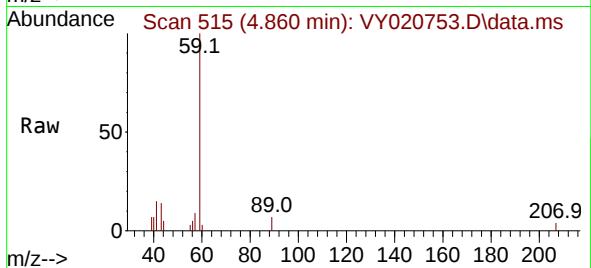
Tgt Ion:142 Resp: 26273
 Ion Ratio Lower Upper
 142 100
 127 54.9 48.8 73.2
 141 15.8 11.9 17.9



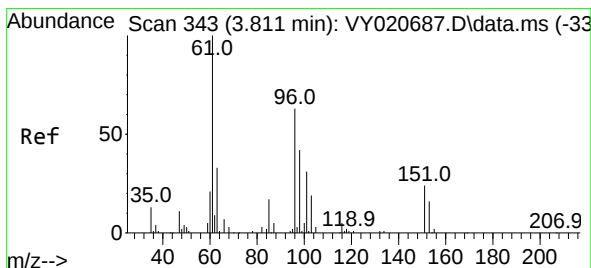
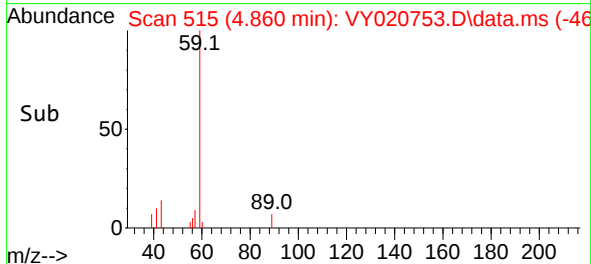
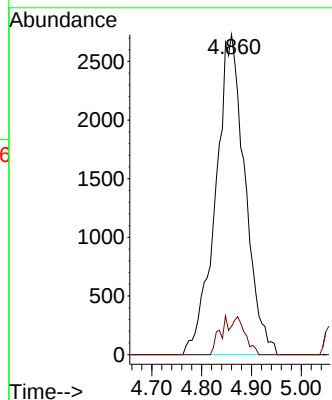


#11
Tert butyl alcohol
Concen: 128.746 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

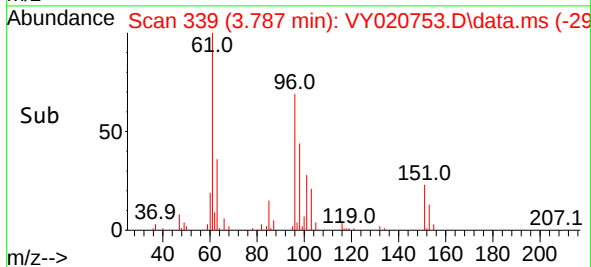
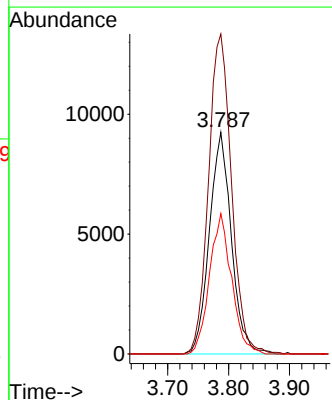
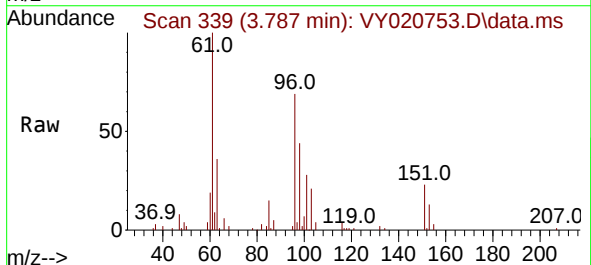


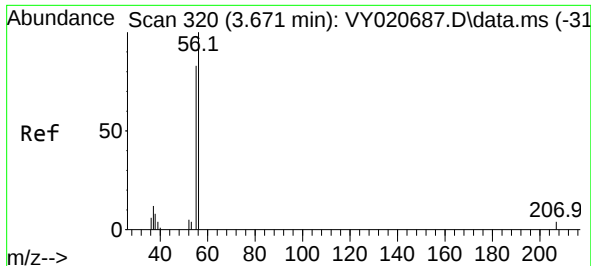
Tgt Ion: 59 Resp: 11173
Ion Ratio Lower Upper
59 100
57 3.7 2.8 4.2



#12
1,1-Dichloroethene
Concen: 21.624 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.024 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 96 Resp: 23252
Ion Ratio Lower Upper
96 100
61 144.4 127.1 190.7
98 63.3 53.4 80.0

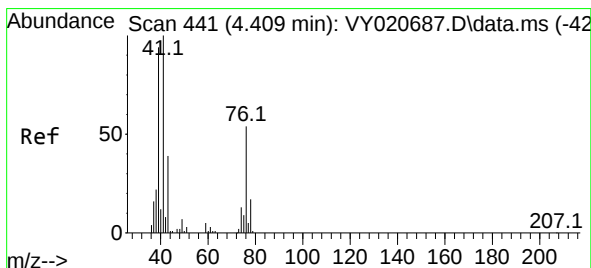
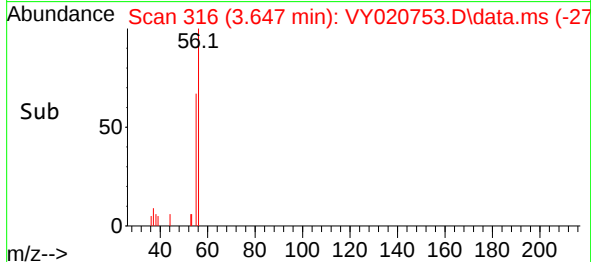
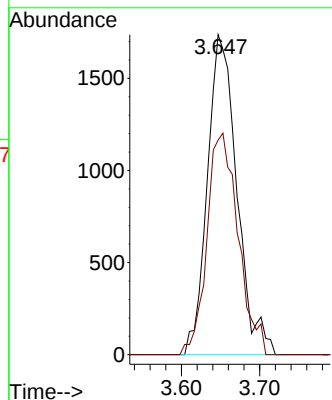
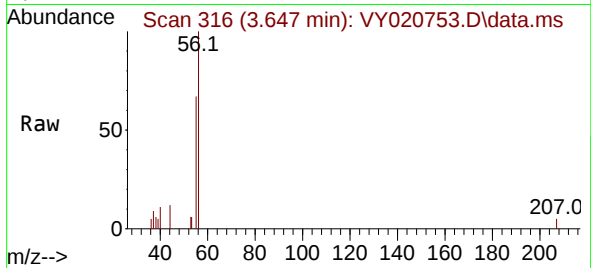




#13
Acrolein
Concen: 168.899 ug/l
RT: 3.647 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

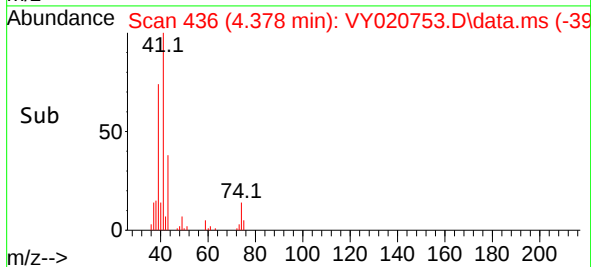
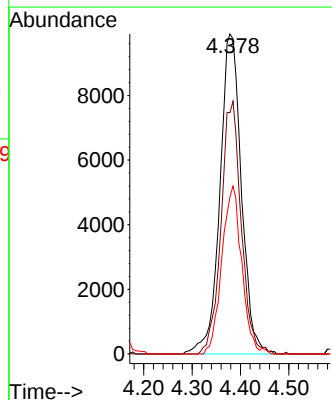
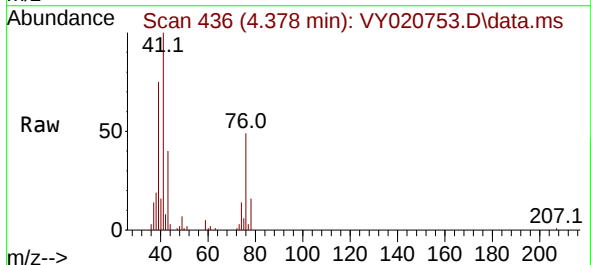
Instrument :
MSVOA_Y
ClientSampleId :

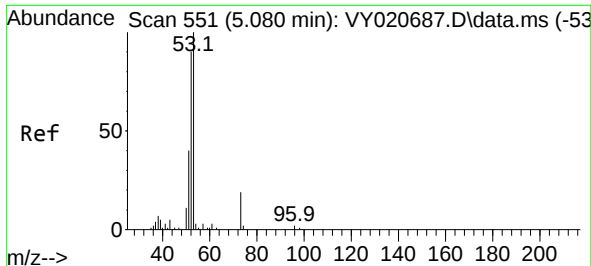
Tgt Ion: 56 Resp: 4550
Ion Ratio Lower Upper
56 100
55 72.9 57.0 85.4



#14
Allyl chloride
Concen: 24.345 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.031 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

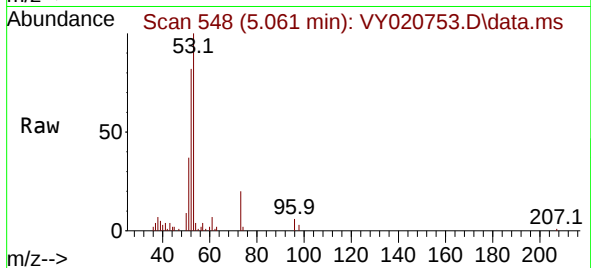
Tgt Ion: 41 Resp: 30633
Ion Ratio Lower Upper
41 100
39 73.8 73.5 110.3
76 48.4 41.8 62.8



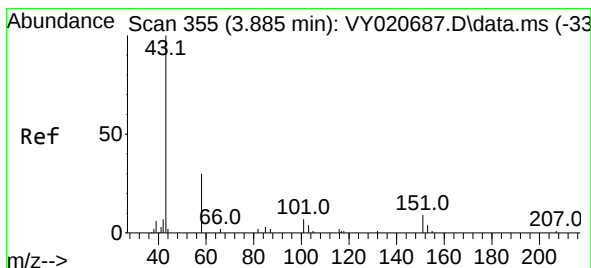
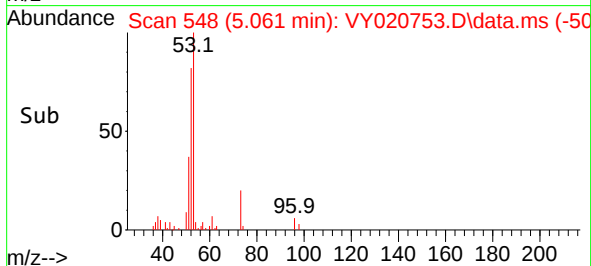
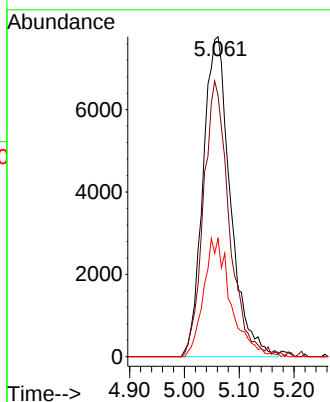


#15
Acrylonitrile
Concen: 133.094 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.019 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

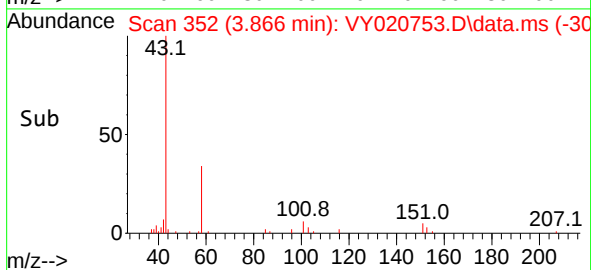
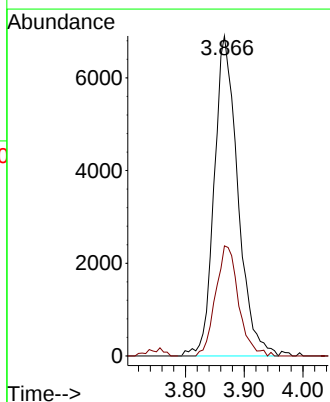
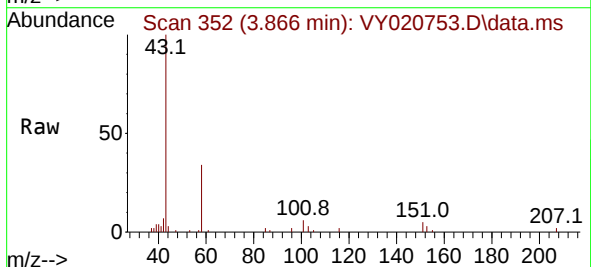


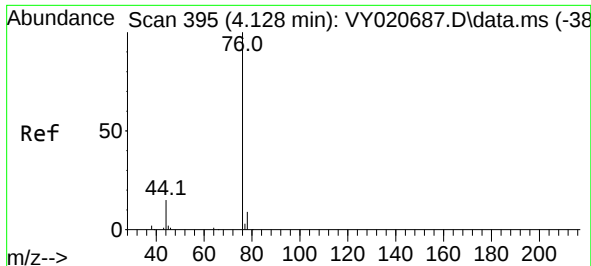
Tgt Ion: 53 Resp: 26923
Ion Ratio Lower Upper
53 100
52 81.4 67.1 100.7
51 36.8 31.4 47.0



#16
Acetone
Concen: 117.988 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.019 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 43 Resp: 19289
Ion Ratio Lower Upper
43 100
58 34.4 25.0 37.6

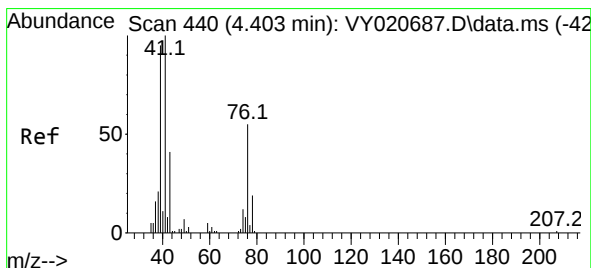
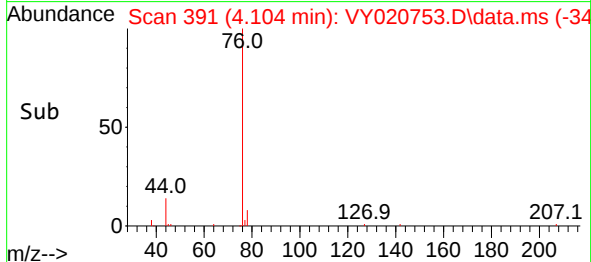
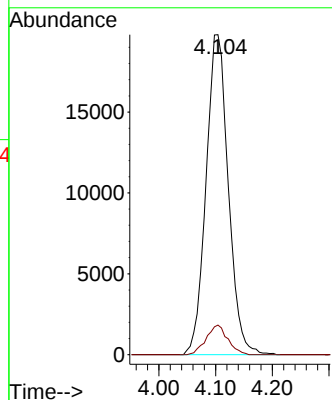
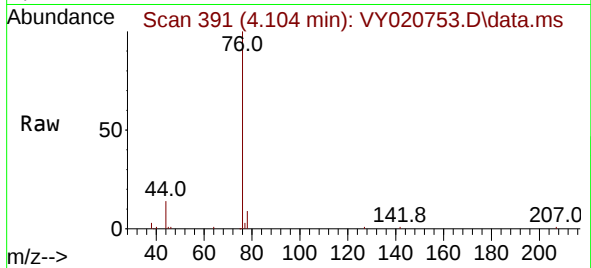




#17
Carbon Disulfide
Concen: 20.490 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.024 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

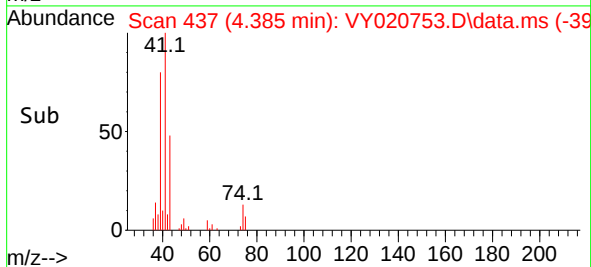
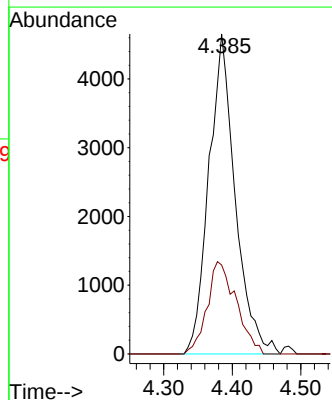
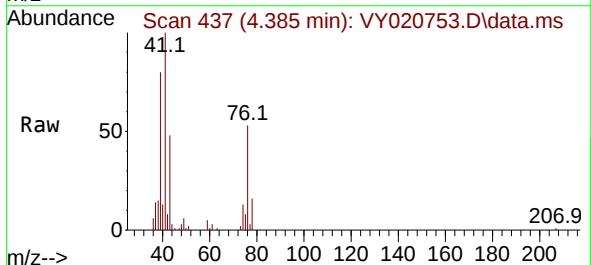
Instrument :
MSVOA_Y
ClientSampleId :

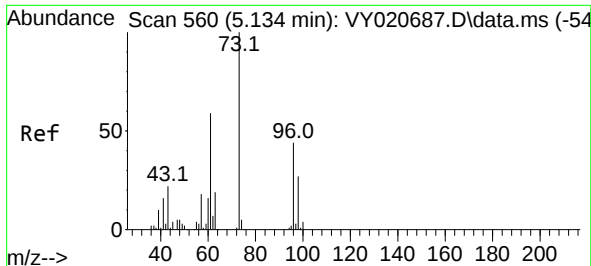
Tgt Ion: 76 Resp: 54047
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 28.088 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

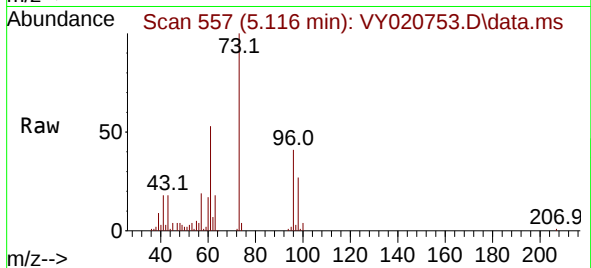
Tgt Ion: 43 Resp: 12428
Ion Ratio Lower Upper
43 100
74 31.8 25.3 37.9



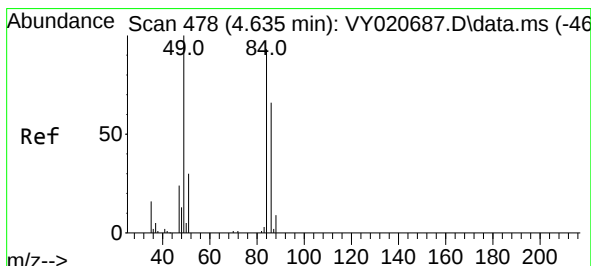
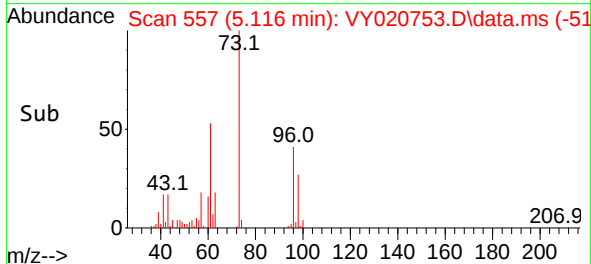
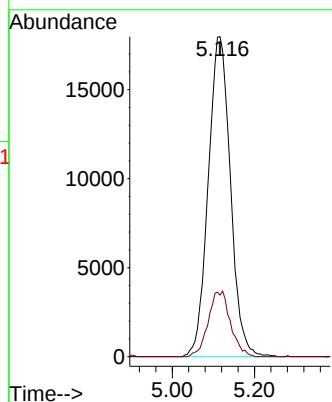


#19
Methyl tert-butyl Ether
Concen: 22.492 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

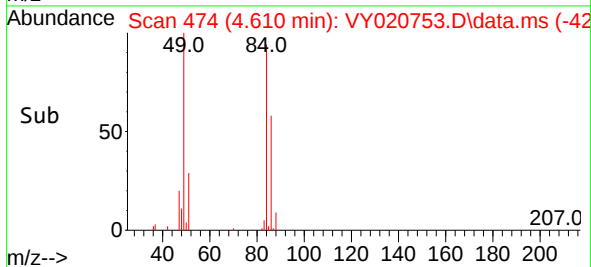
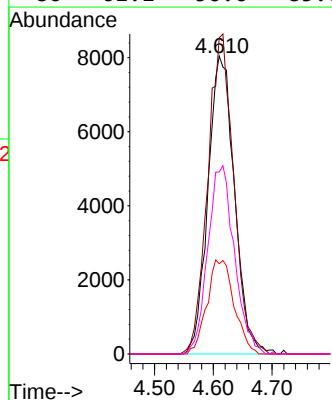
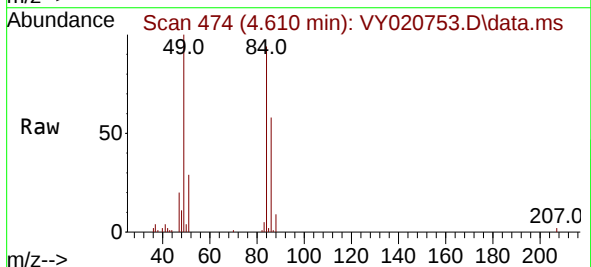


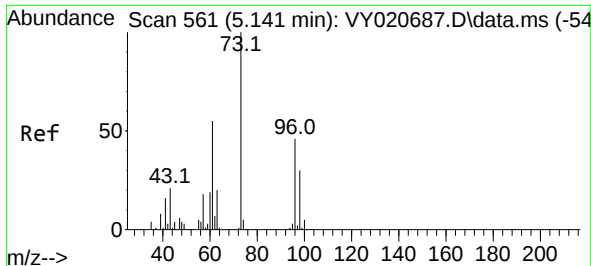
Tgt Ion: 73 Resp: 67409
Ion Ratio Lower Upper
73 100
57 19.2 14.4 21.6



#20
Methylene Chloride
Concen: 23.687 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.025 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

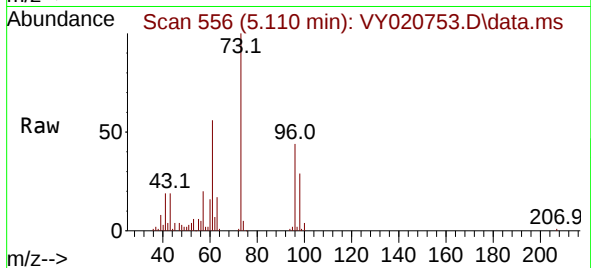
Tgt Ion: 84 Resp: 25186
Ion Ratio Lower Upper
84 100
49 106.1 86.4 129.6
51 30.3 25.5 38.3
86 61.1 56.6 85.0



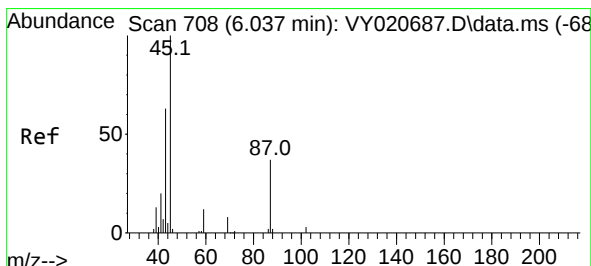
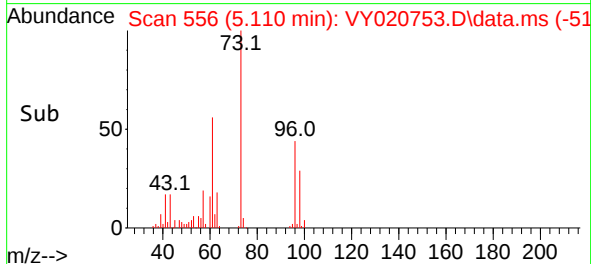
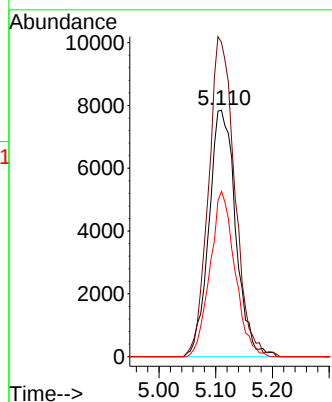


#21
trans-1,2-Dichloroethene
Concen: 22.167 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.031 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

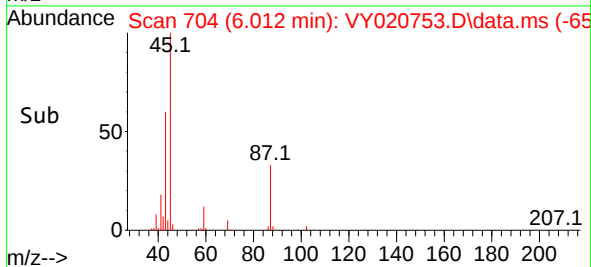
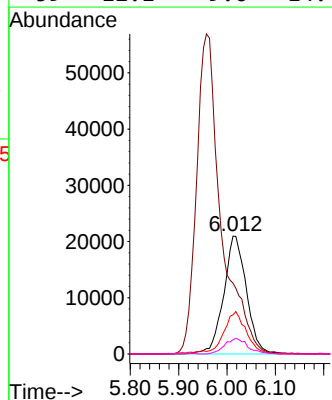
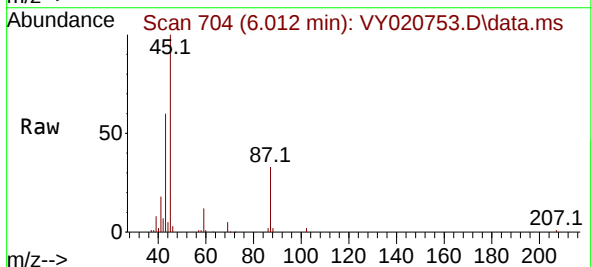


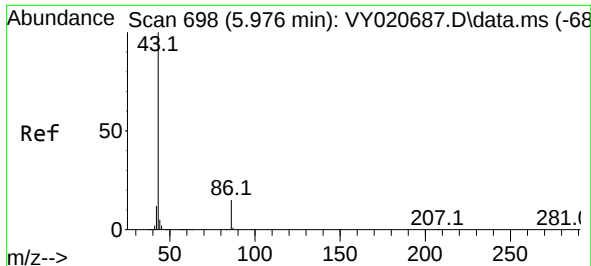
Tgt Ion: 96 Resp: 25685
Ion Ratio Lower Upper
96 100
61 127.5 96.1 144.1
98 67.1 52.7 79.1



#22
Diisopropyl ether
Concen: 26.678 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.025 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 45 Resp: 68242
Ion Ratio Lower Upper
45 100
43 59.1 51.3 76.9
87 33.2 30.6 46.0
59 12.1 9.6 14.4

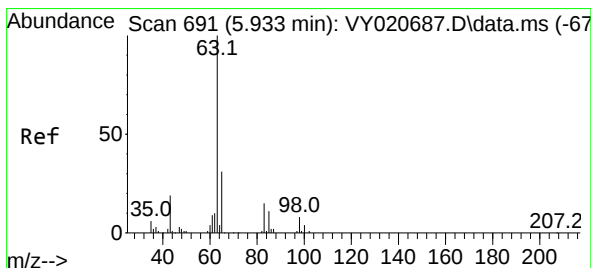
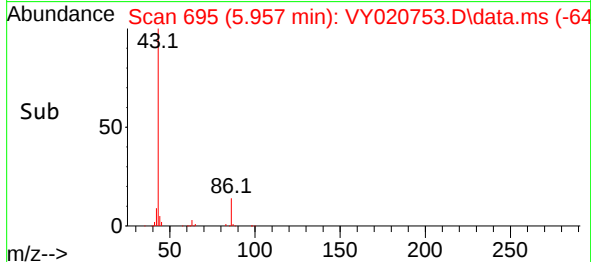
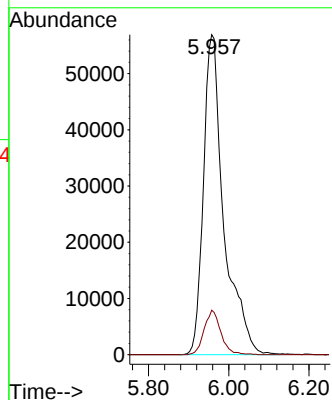
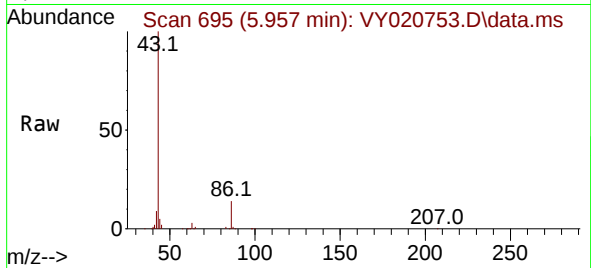




#23
Vinyl Acetate
Concen: 131.682 ug/l
RT: 5.957 min Scan# 61
Delta R.T. -0.019 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

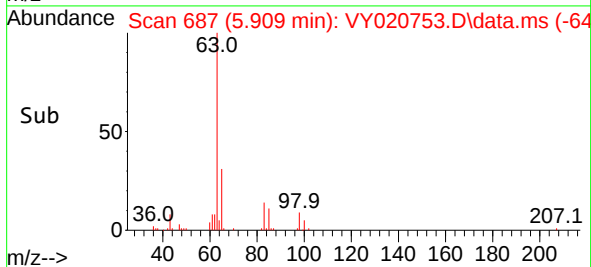
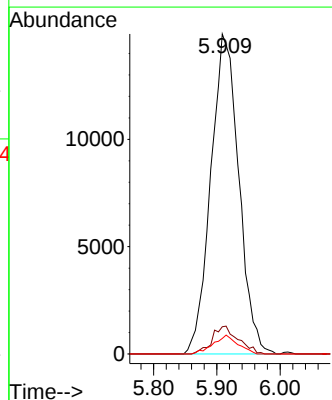
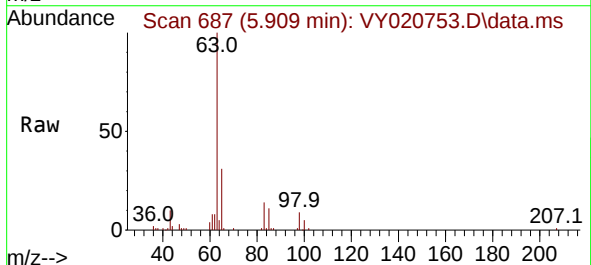
Instrument :
MSVOA_Y
ClientSampleId :

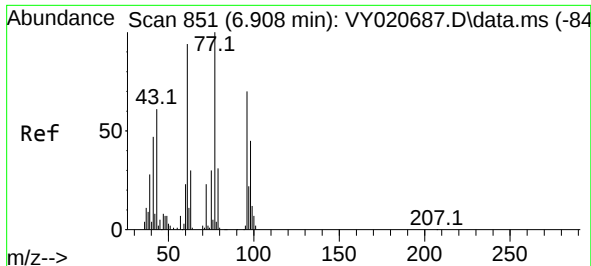
Tgt Ion: 43 Resp: 201190
Ion Ratio Lower Upper
43 100
86 13.9 12.0 18.0



#24
1,1-Dichloroethane
Concen: 23.898 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.024 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 63 Resp: 45832
Ion Ratio Lower Upper
63 100
98 8.5 4.0 12.0
100 4.8 2.1 6.2





#25

2-Butanone

Concen: 143.223 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

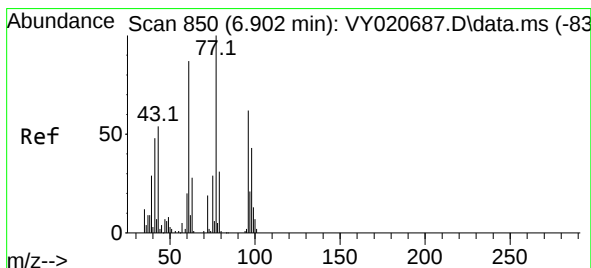
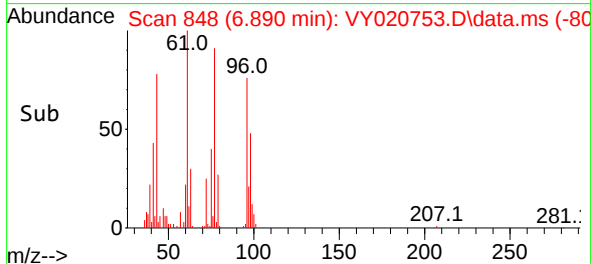
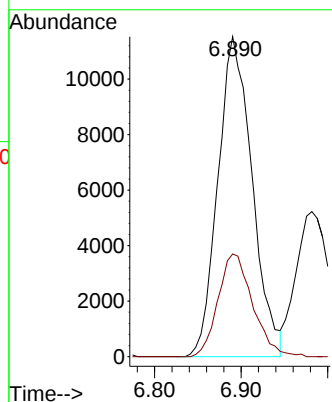
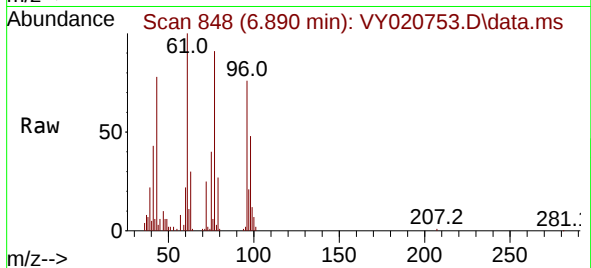
ClientSampleId :

Tgt Ion: 43 Resp: 31629

Ion Ratio Lower Upper

43 100

72 32.1 29.5 44.3



#26

2,2-Dichloropropane

Concen: 19.564 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY020753.D

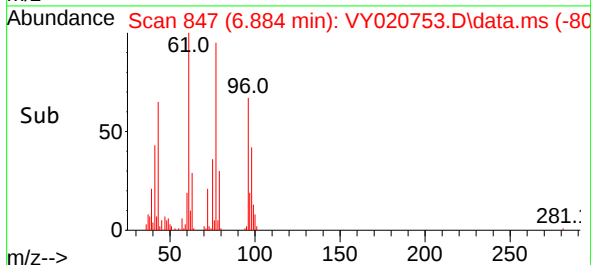
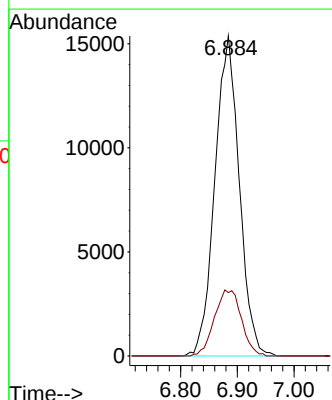
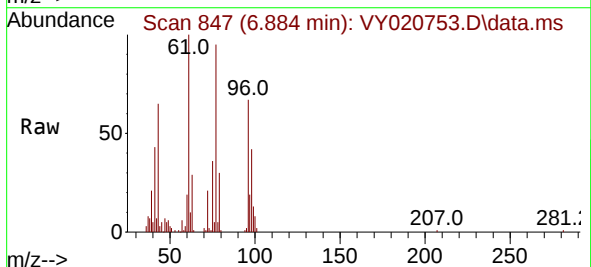
Acq: 30 Dec 2024 13:54

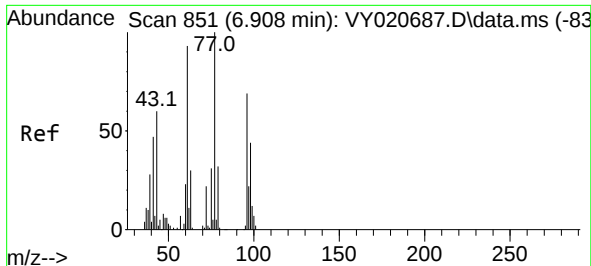
Tgt Ion: 77 Resp: 45923

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.4

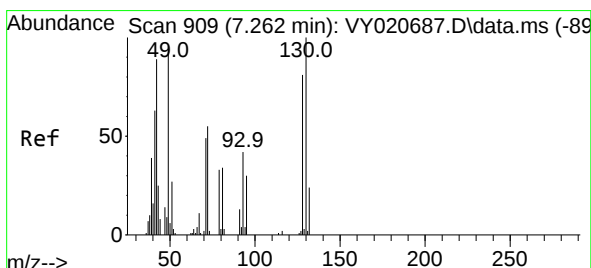
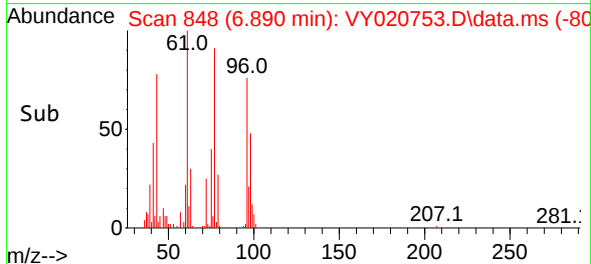
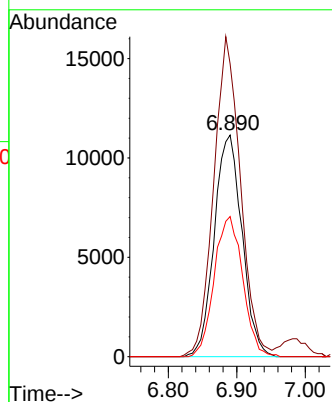
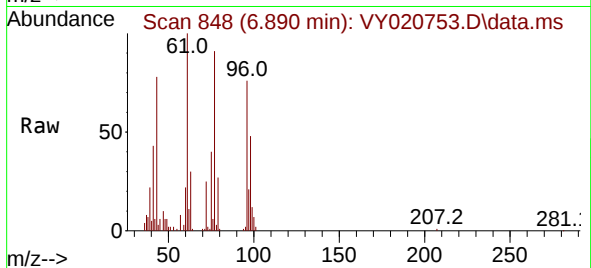




#27
 cis-1,2-Dichloroethene
 Concen: 22.556 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. -0.018 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54

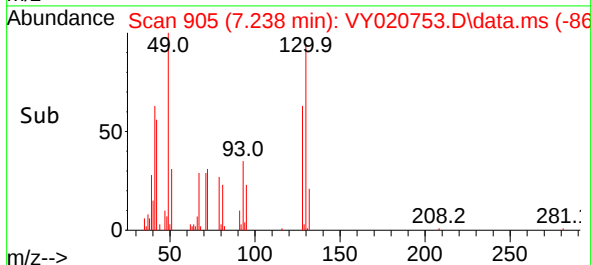
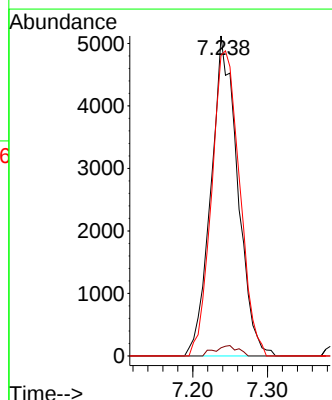
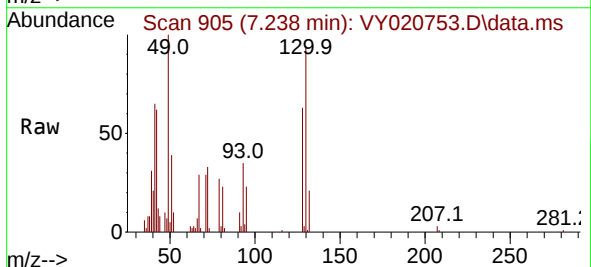
Instrument :
 MSVOA_Y
 ClientSampleId :

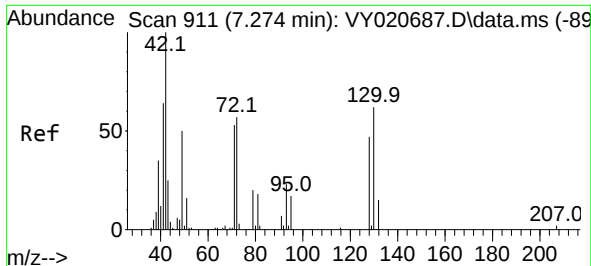
Tgt Ion: 96 Resp: 31299
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 277.2
 98 64.9 0.0 131.0



#28
 Bromochloromethane
 Concen: 25.055 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.024 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54

Tgt Ion: 49 Resp: 12707
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.4
 130 100.1 87.2 130.8





#29

Tetrahydrofuran

Concen: 152.020 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY020753.D

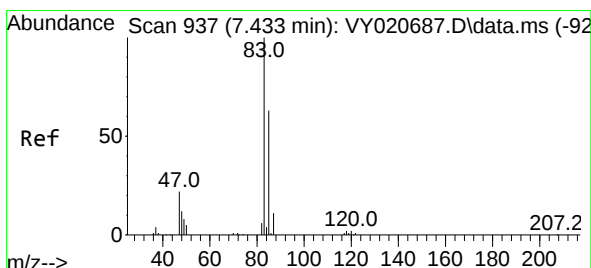
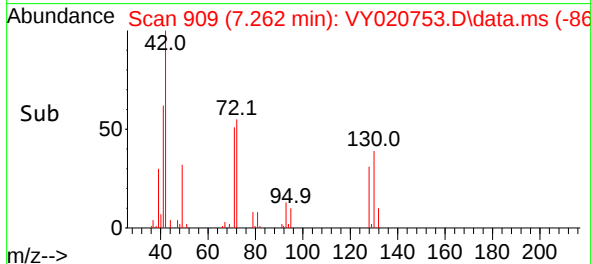
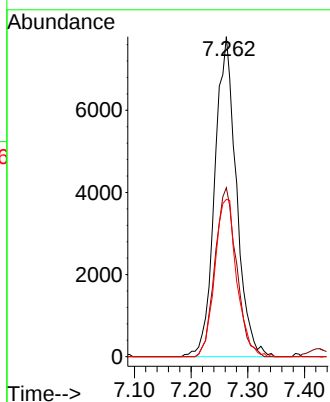
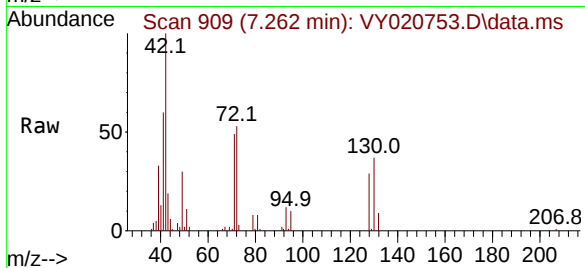
Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	20607
Ion	Ratio	Lower	Upper
42	100		
72	52.5	47.4	71.0
71	50.3	42.8	64.2



#30

Chloroform

Concen: 21.820 ug/l

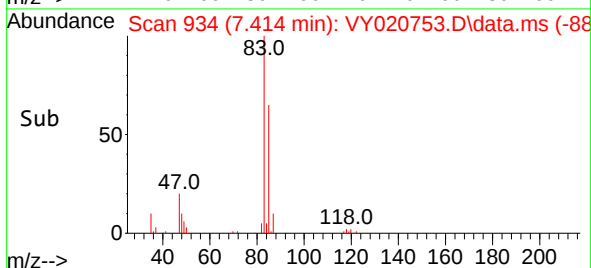
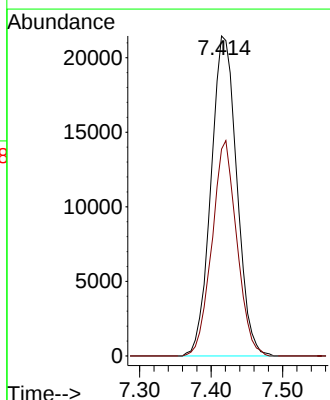
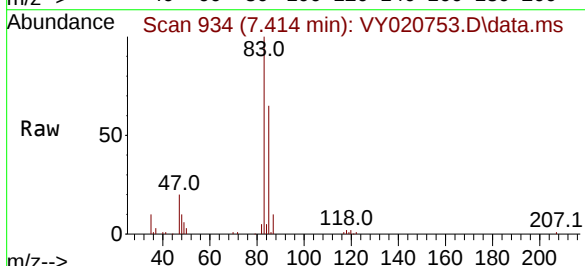
RT: 7.414 min Scan# 934

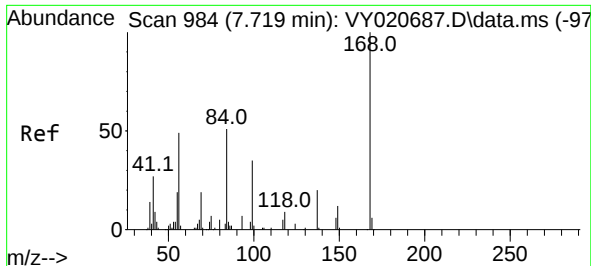
Delta R.T. -0.019 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

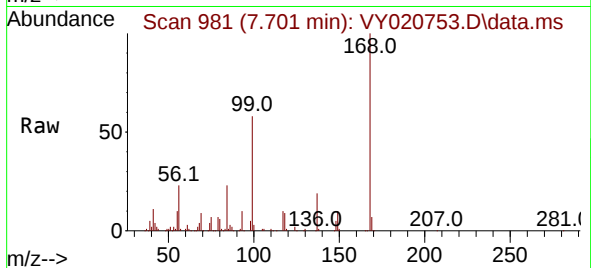
Tgt Ion:	83	Resp:	53831
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.2



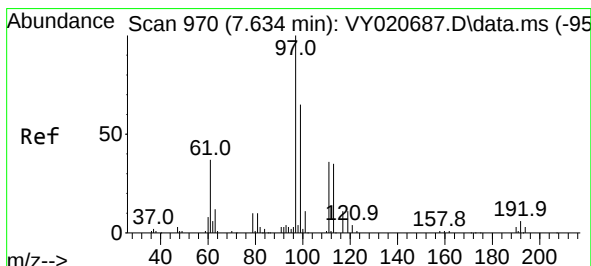
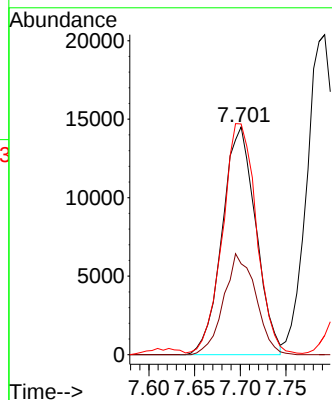
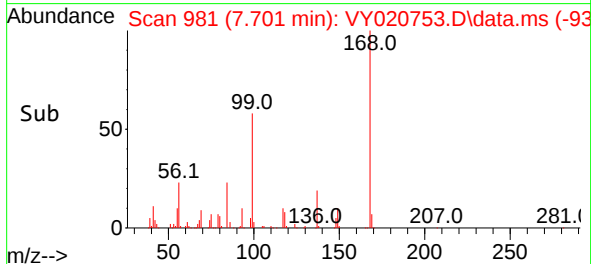


#31
Cyclohexane
Concen: 22.427 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

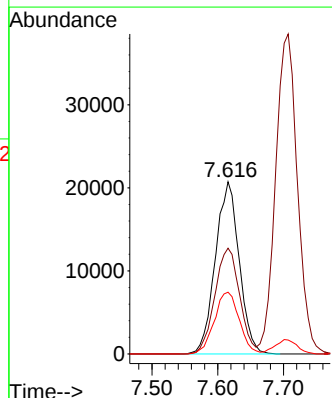
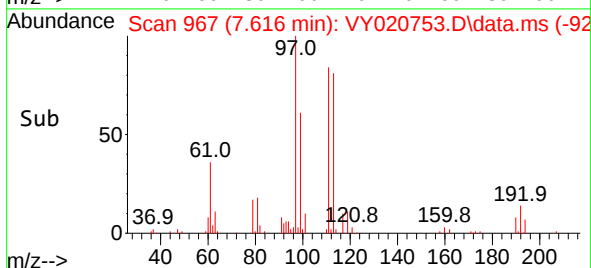
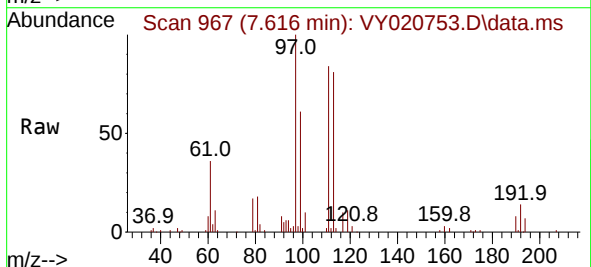


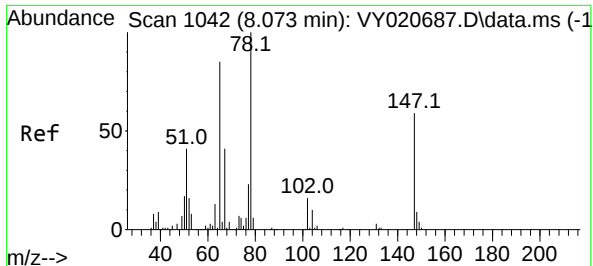
Tgt Ion: 56 Resp: 37125
Ion Ratio Lower Upper
56 100
69 39.9 31.3 46.9
84 99.4 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 19.745 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 97 Resp: 52214
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 37.5 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 55.311 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

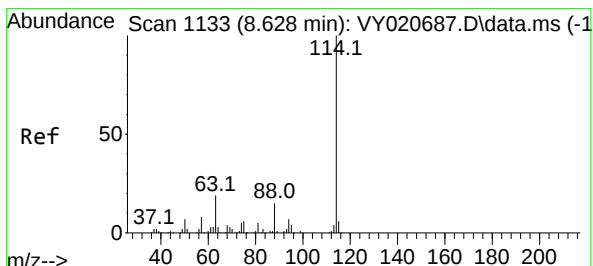
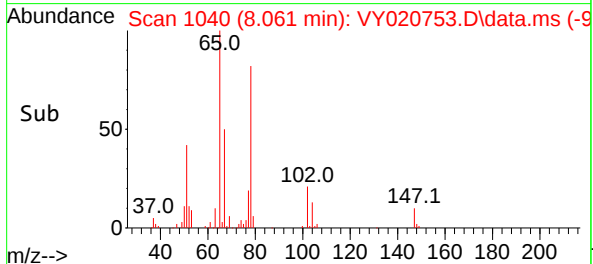
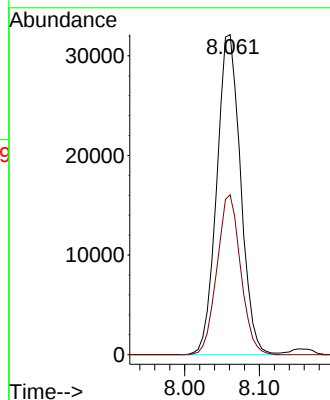
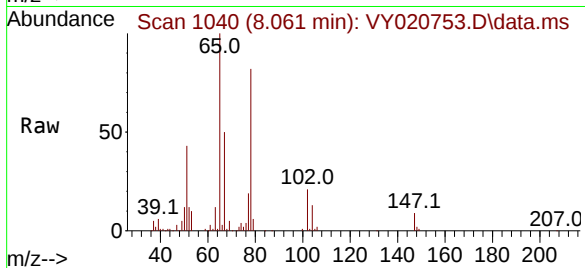
ClientSampleId :

Tgt Ion: 65 Resp: 71279

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.013 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

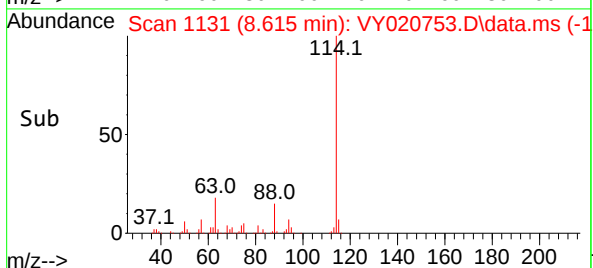
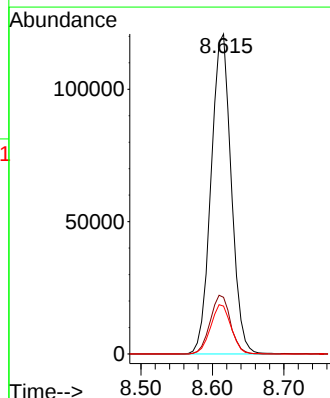
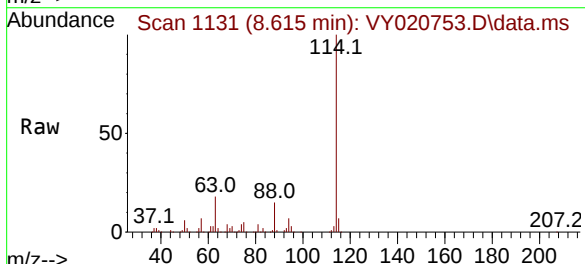
Tgt Ion: 114 Resp: 236363

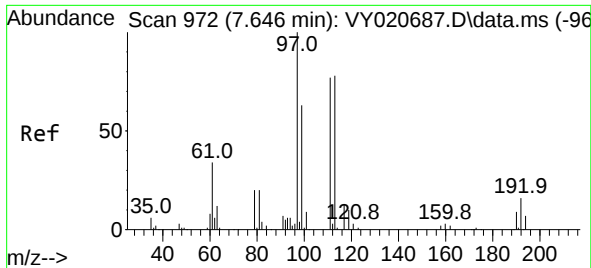
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.9 0.0 30.4

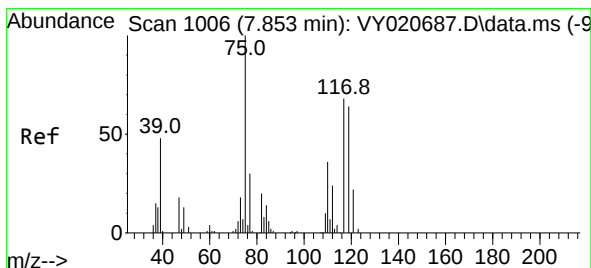
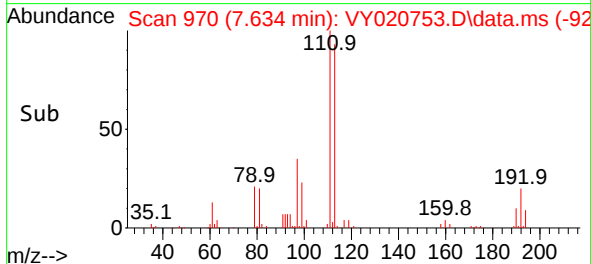
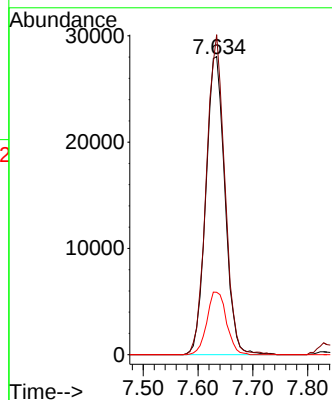
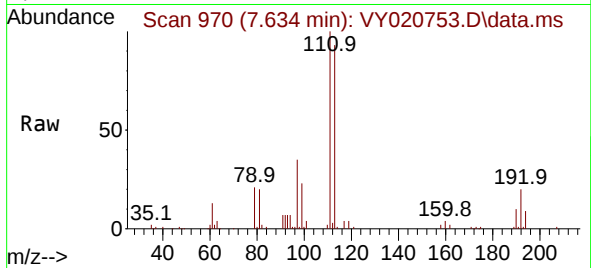




#35
Dibromofluoromethane
Concen: 51.840 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

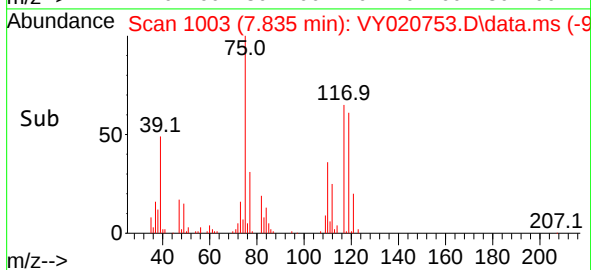
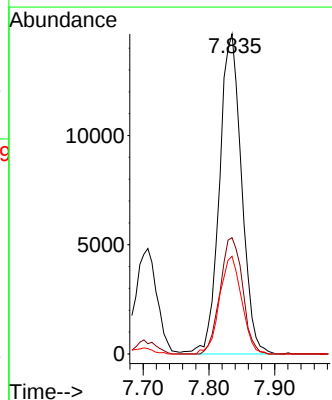
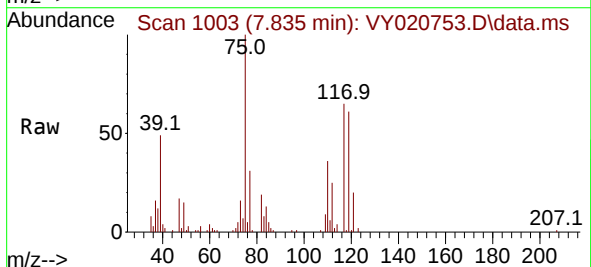
Instrument :
MSVOA_Y
ClientSampleId :

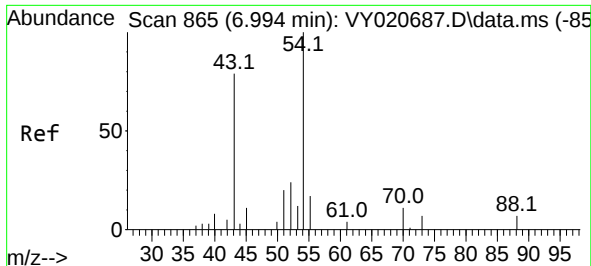
Tgt Ion:113 Resp: 67492
Ion Ratio Lower Upper
113 100
111 104.3 79.8 119.8
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 19.943 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 75 Resp: 34297
Ion Ratio Lower Upper
75 100
110 36.9 19.6 58.7
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 26.527 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

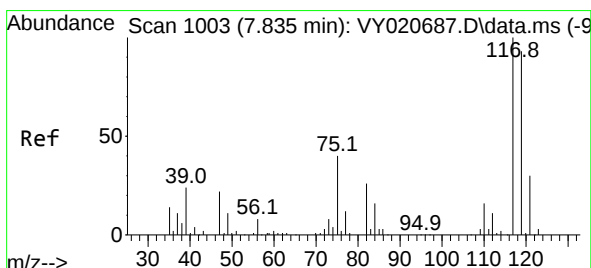
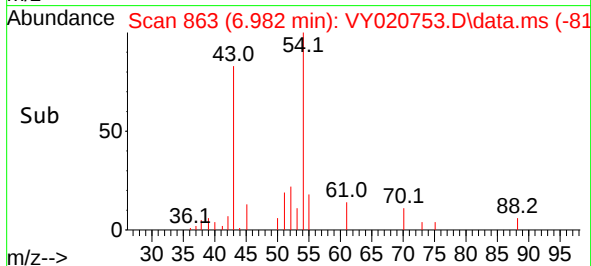
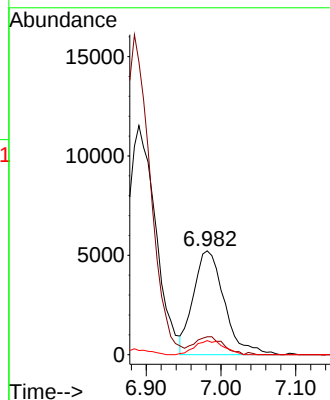
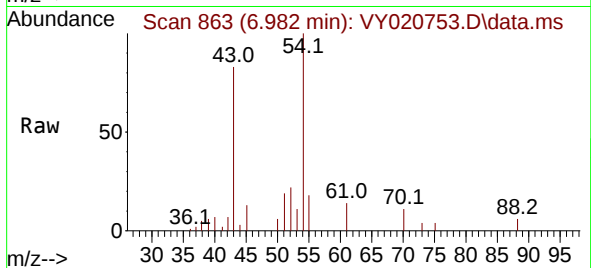
Tgt Ion: 43 Resp: 15033

Ion Ratio Lower Upper

43 100

61 16.1 11.7 17.5

70 12.6 11.0 16.4



#38

Carbon Tetrachloride

Concen: 17.145 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.018 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

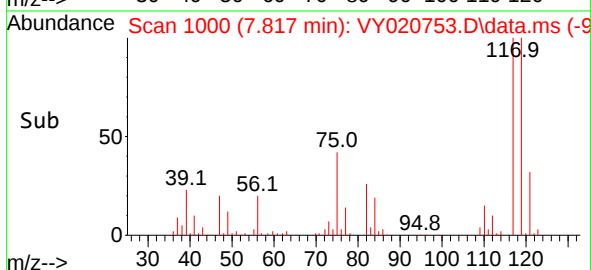
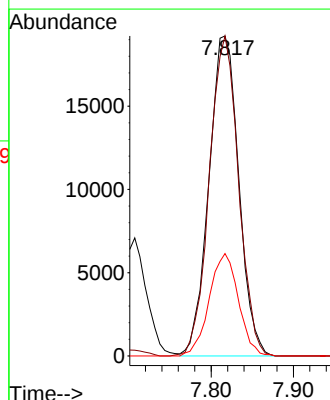
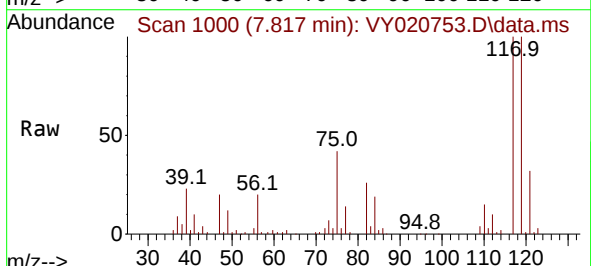
Tgt Ion: 117 Resp: 48553

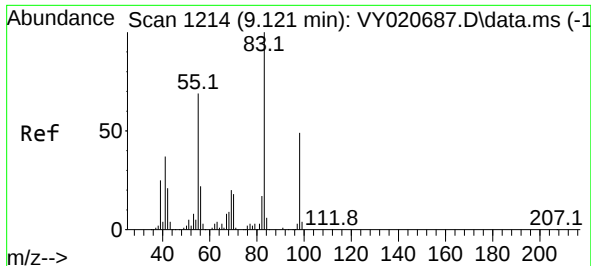
Ion Ratio Lower Upper

117 100

119 100.0 74.4 111.6

121 32.0 24.2 36.2

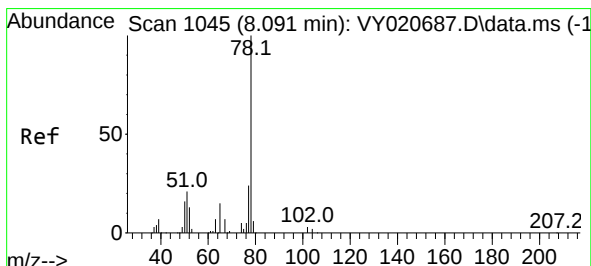
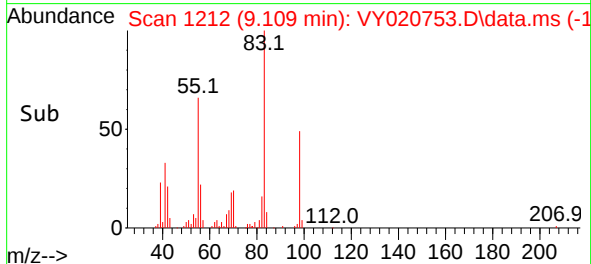
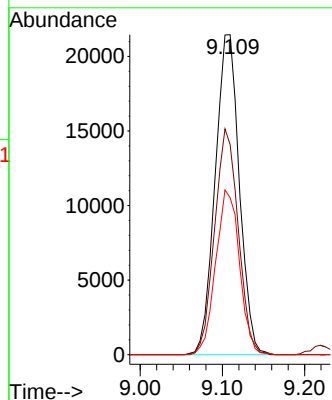
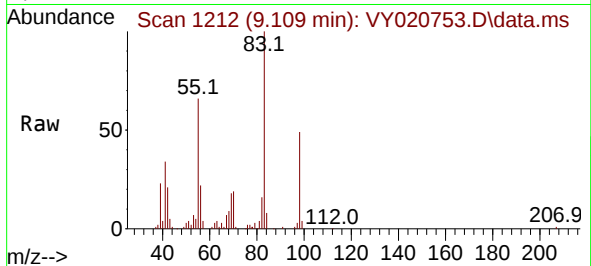




#39
Methylcyclohexane
Concen: 19.910 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

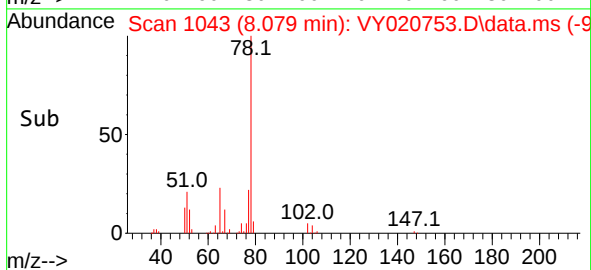
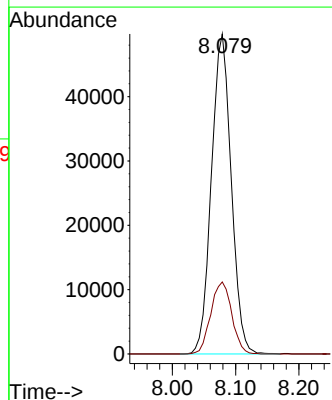
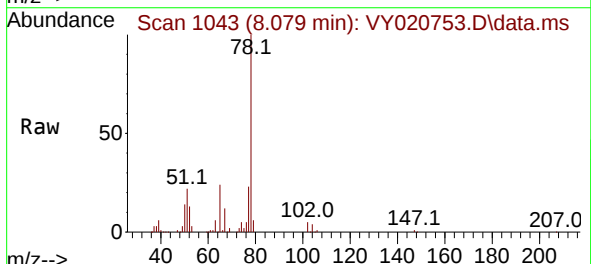
Instrument :
MSVOA_Y
ClientSampleId :

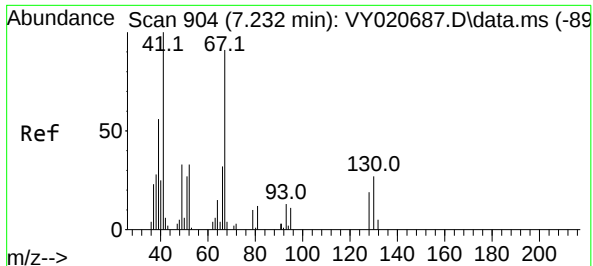
Tgt Ion:	83	Resp:	43887
Ion	Ratio	Lower	Upper
83	100		
55	65.6	55.0	82.4
98	49.0	39.0	58.6



#40
Benzene
Concen: 21.659 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

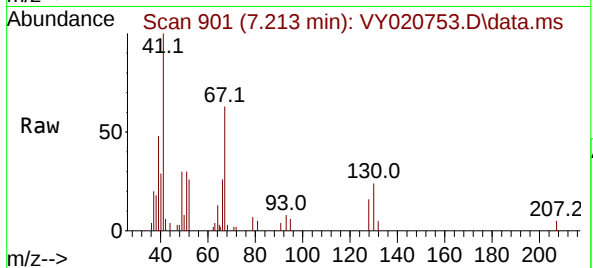
Tgt Ion:	78	Resp:	107952
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8



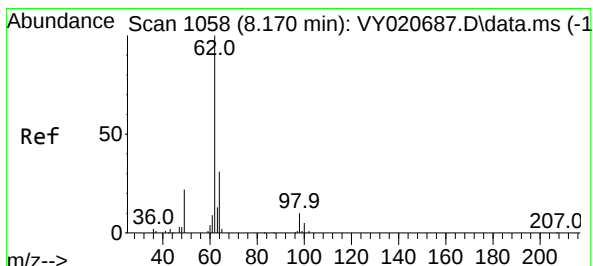
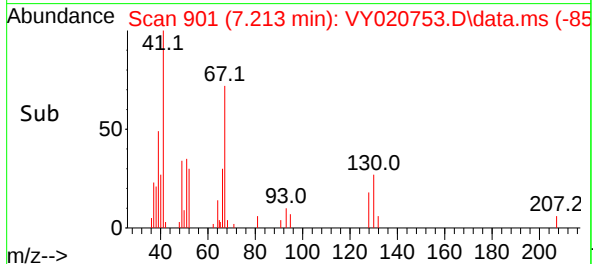
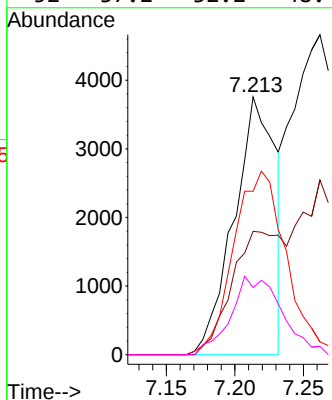


#41
Methacrylonitrile
Concen: 27.681 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

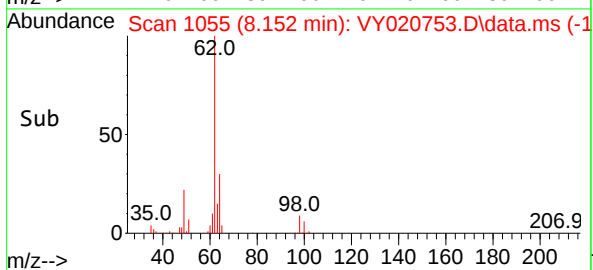
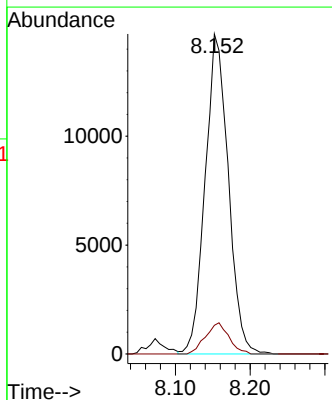
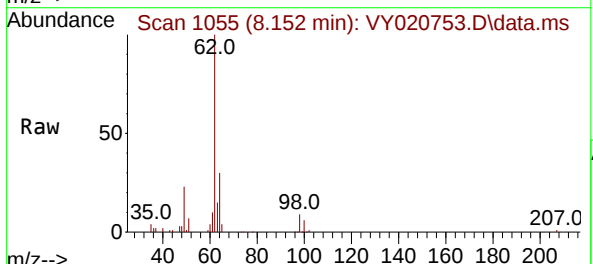


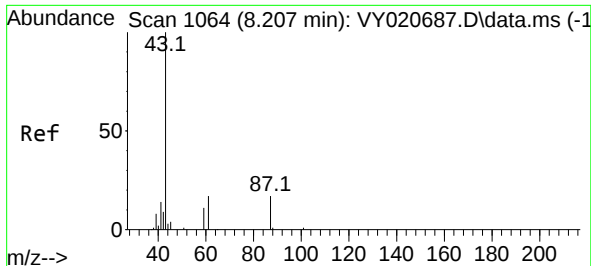
Tgt Ion:	41	Resp:	7924
Ion	Ratio	Lower	Upper
41	100		
39	61.0	46.6	70.0
67	89.7	74.7	112.1
52	37.2	32.2	48.4



#42
1,2-Dichloroethane
Concen: 19.816 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.018 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

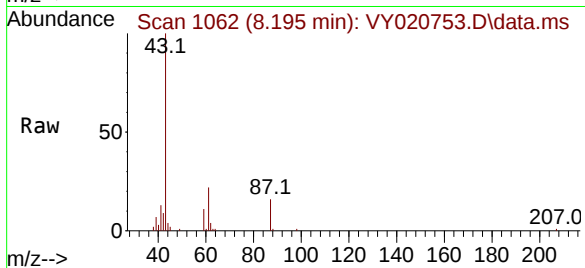
Tgt Ion:	62	Resp:	31670
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.6



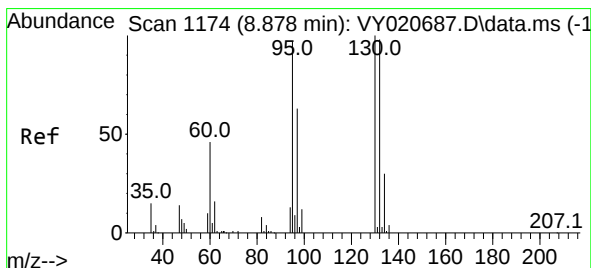
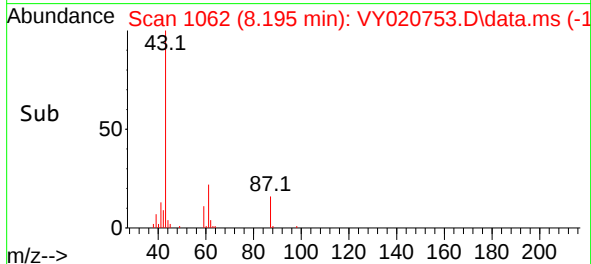
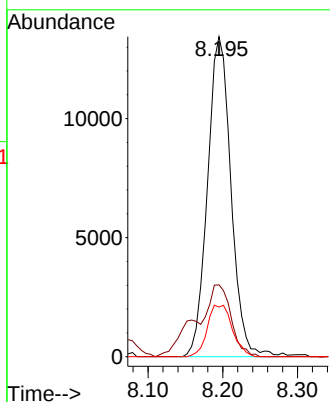


#43
Isopropyl Acetate
Concen: 24.354 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

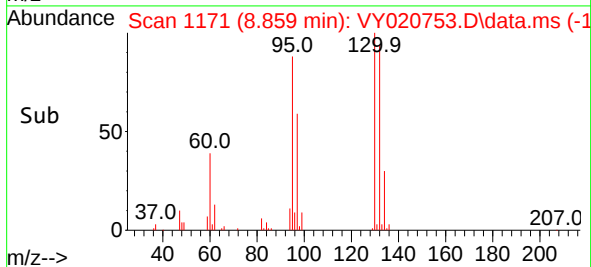
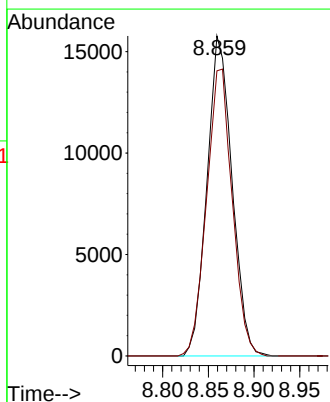
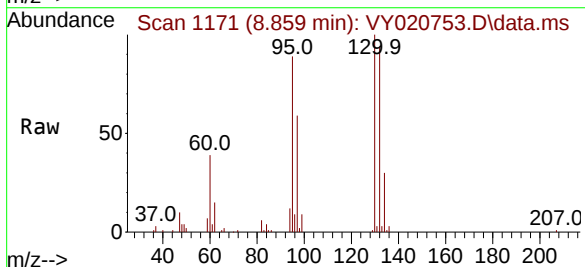


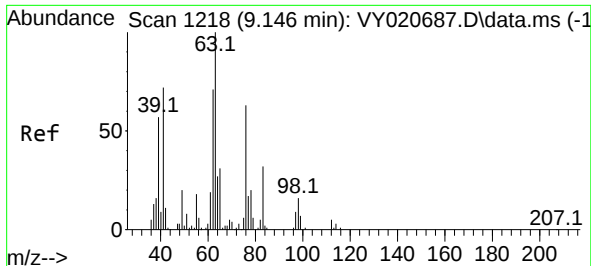
Tgt Ion: 43 Resp: 29336
Ion Ratio Lower Upper
43 100
61 22.3 27.0 40.4#
87 17.1 14.2 21.4



#44
Trichloroethene
Concen: 20.185 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.019 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion:130 Resp: 30049
Ion Ratio Lower Upper
130 100
95 89.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 23.754 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

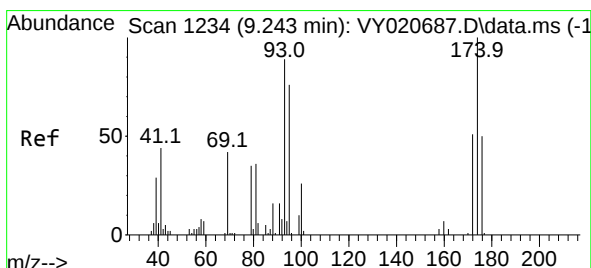
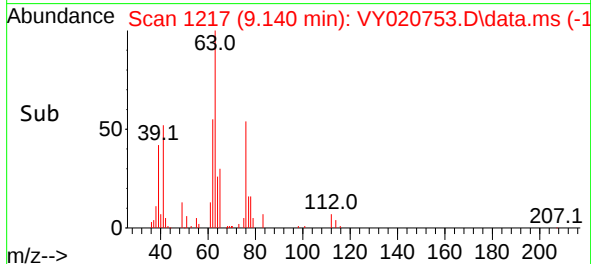
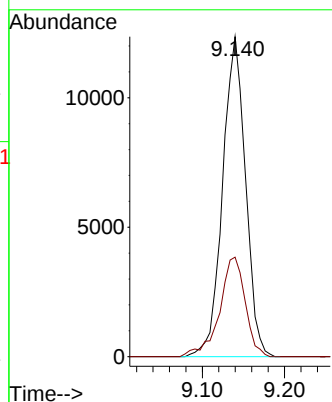
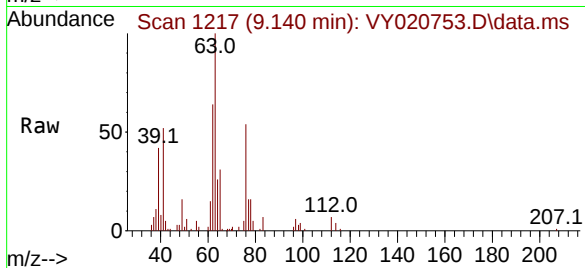
ClientSampleId :

Tgt Ion: 63 Resp: 23966

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 21.402 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.018 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

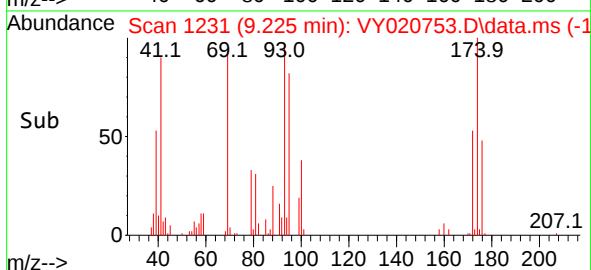
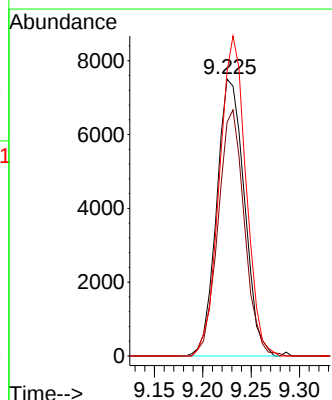
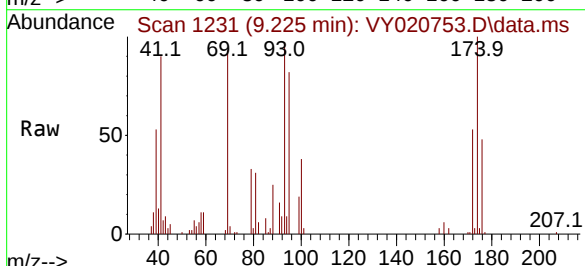
Tgt Ion: 93 Resp: 14940

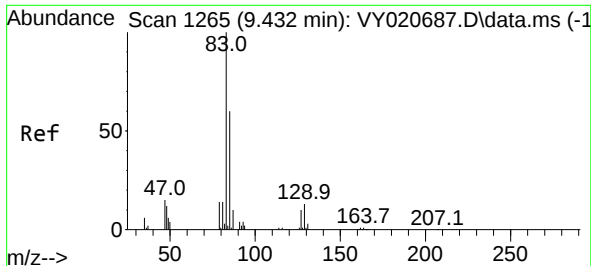
Ion Ratio Lower Upper

93 100

95 84.2 67.8 101.8

174 110.6 89.4 134.0

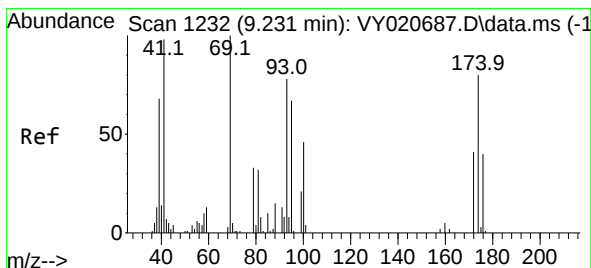
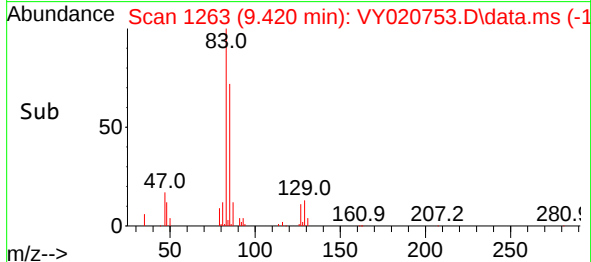
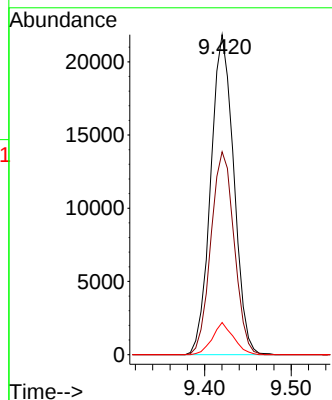
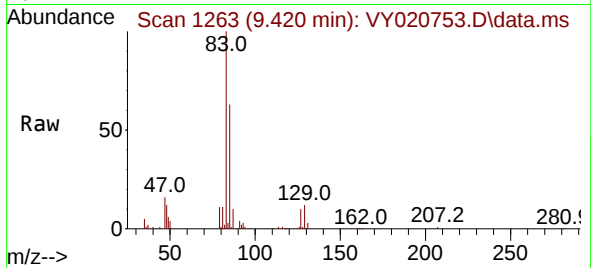




#47
Bromodichloromethane
Concen: 20.433 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

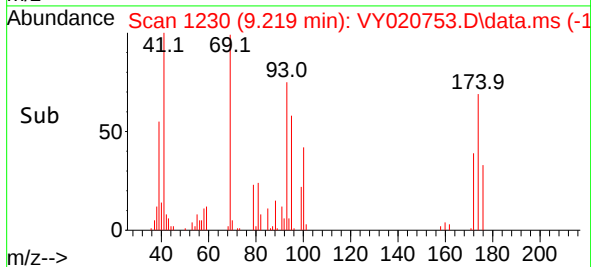
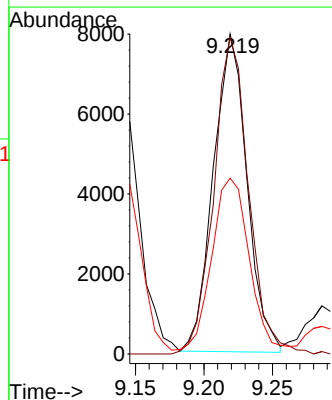
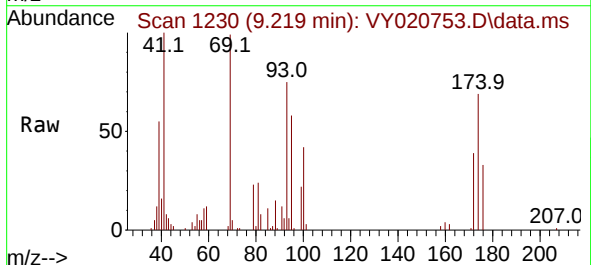
Instrument :
MSVOA_Y
ClientSampleId :

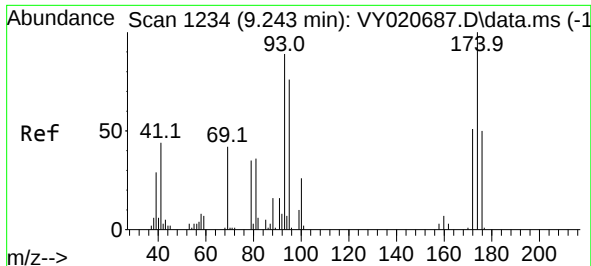
Tgt Ion: 83 Resp: 40439
Ion Ratio Lower Upper
83 100
85 63.4 47.6 71.4
127 10.1 7.9 11.9



#48
Methyl methacrylate
Concen: 24.135 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 41 Resp: 13576
Ion Ratio Lower Upper
41 100
69 103.1 83.1 124.7
39 60.3 57.3 85.9





#49

1,4-Dioxane

Concen: 553.580 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

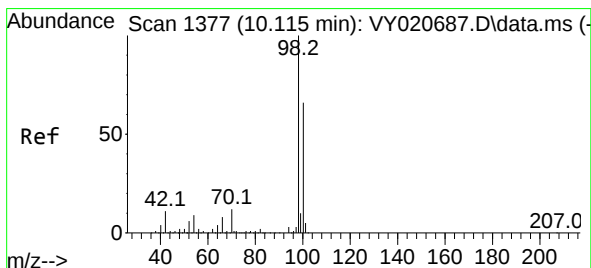
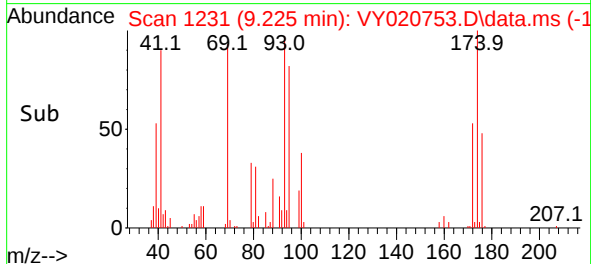
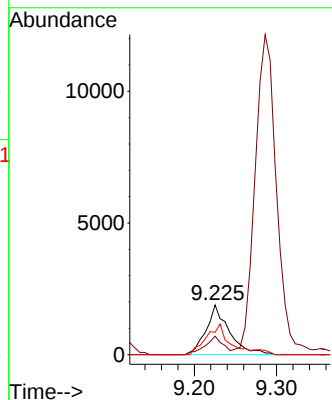
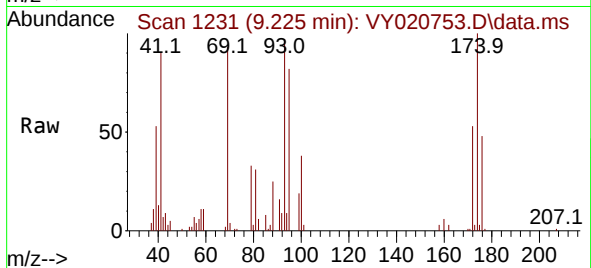
Tgt Ion: 88 Resp: 3681

Ion Ratio Lower Upper

88 100

43 29.1 22.1 33.1

58 65.7 46.7 70.1



#50

Toluene-d8

Concen: 50.742 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020753.D

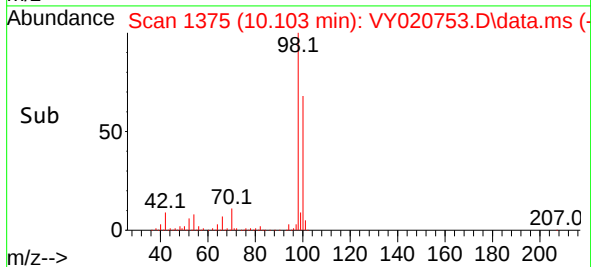
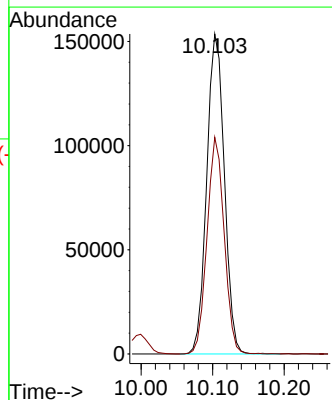
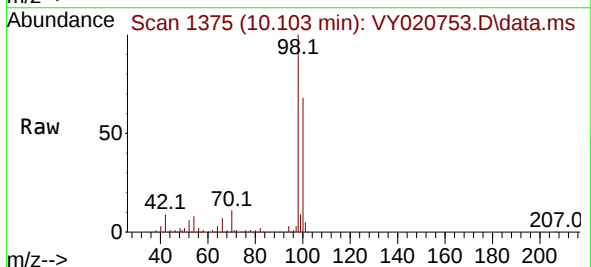
Acq: 30 Dec 2024 13:54

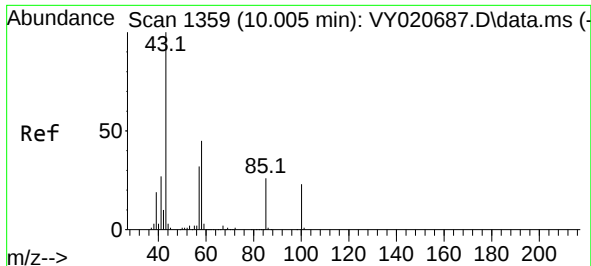
Tgt Ion: 98 Resp: 262842

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4

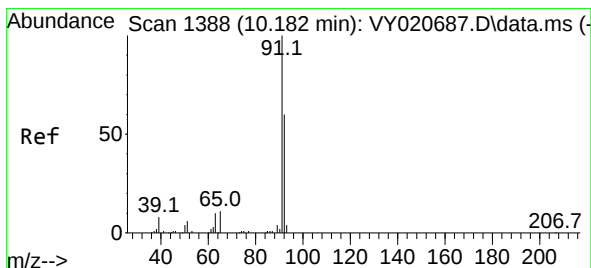
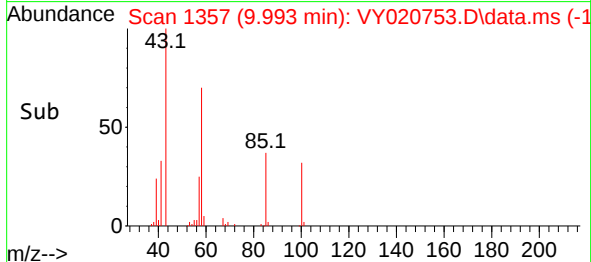
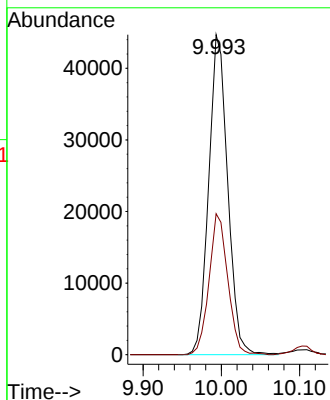
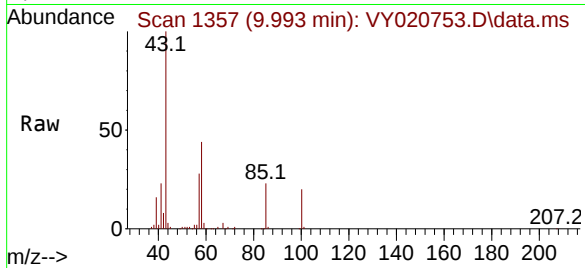




#51
4-Methyl-2-Pentanone
Concen: 129.419 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

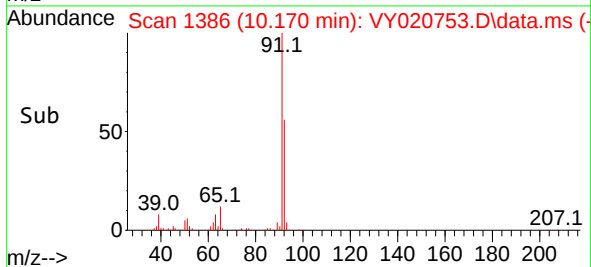
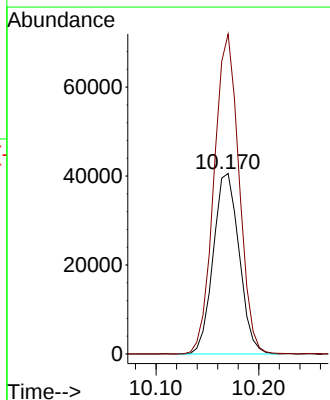
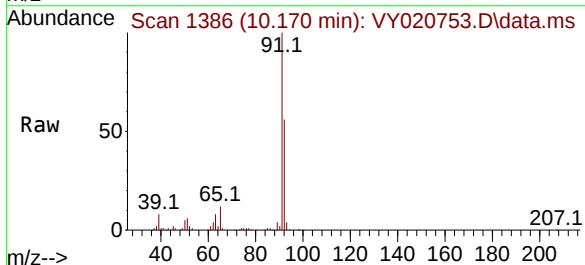
Instrument :
MSVOA_Y
ClientSampleId :

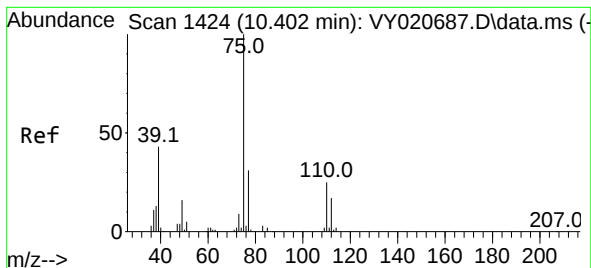
Tgt Ion: 43 Resp: 75244
Ion Ratio Lower Upper
43 100
58 43.5 35.1 52.7



#52
Toluene
Concen: 20.765 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 92 Resp: 70934
Ion Ratio Lower Upper
92 100
91 171.6 137.7 206.5

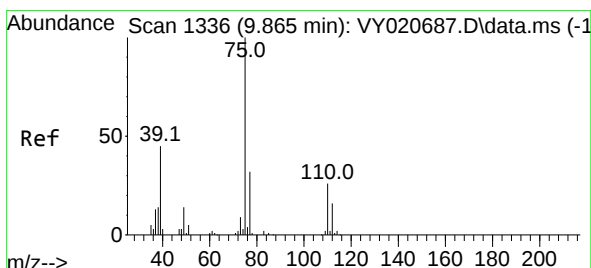
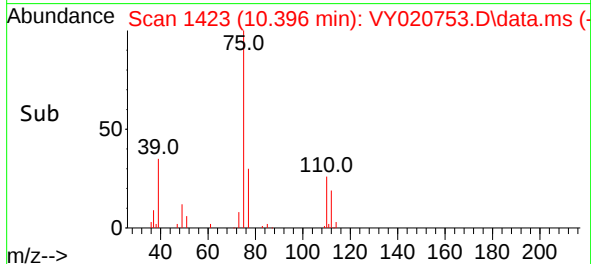
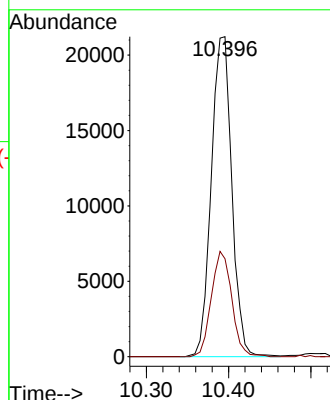
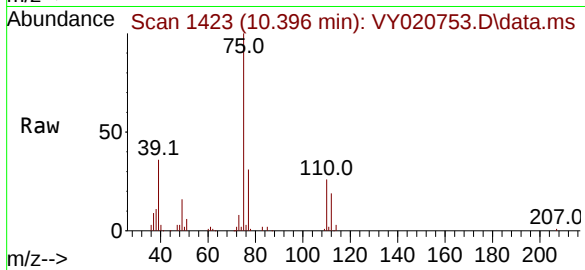




#53
 t-1,3-Dichloropropene
 Concen: 21.179 ug/l
 RT: 10.396 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54

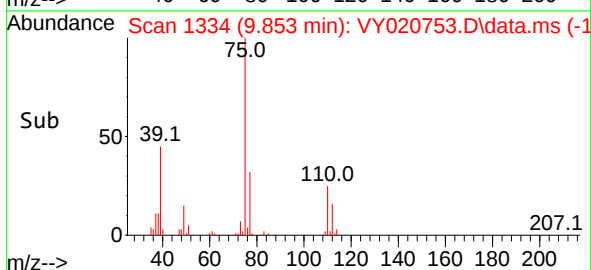
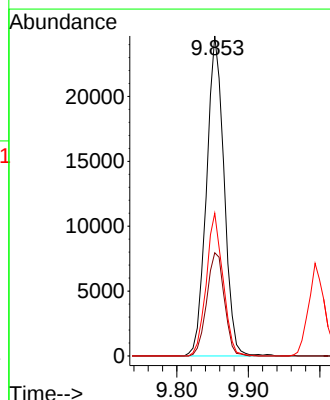
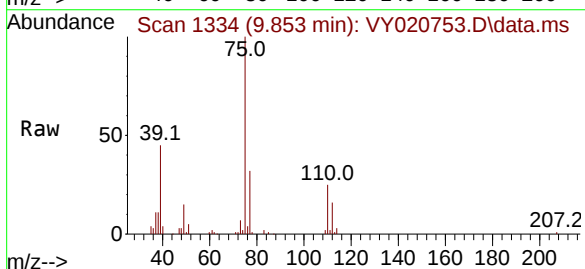
Instrument :
 MSVOA_Y
 ClientSampleId :

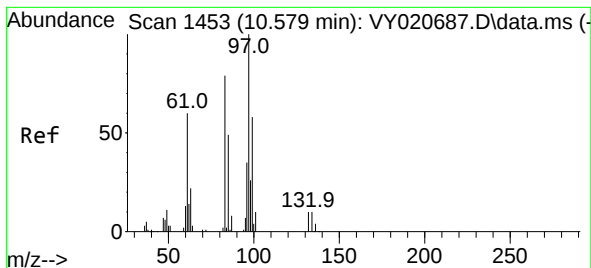
Tgt Ion: 75 Resp: 36815
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.064 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.012 min
 Lab File: VY020753.D
 Acq: 30 Dec 2024 13:54

Tgt Ion: 75 Resp: 42039
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 44.6 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 23.120 ug/l

RT: 10.572 min Scan# 1453

Delta R.T. -0.007 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 20602

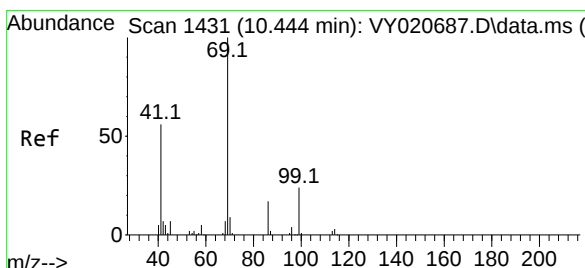
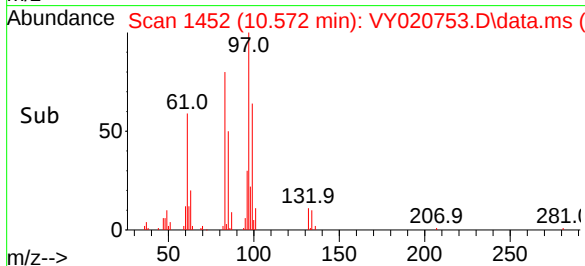
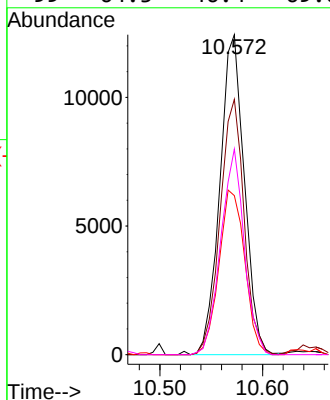
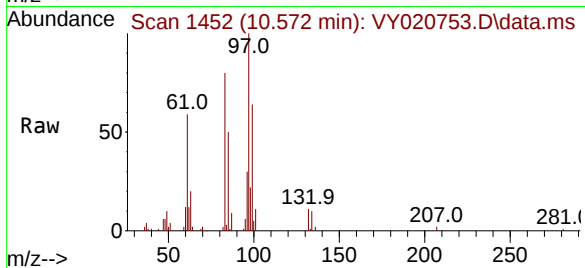
Ion Ratio Lower Upper

97 100

83 79.8 63.1 94.7

85 49.7 39.5 59.3

99 64.3 46.4 69.6



#56

Ethyl methacrylate

Concen: 23.391 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

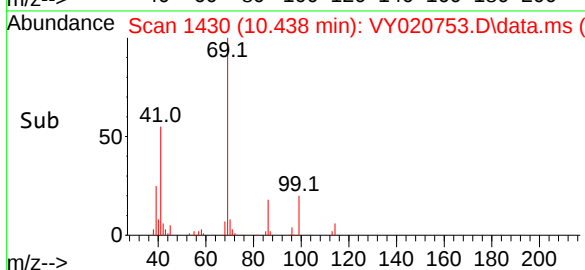
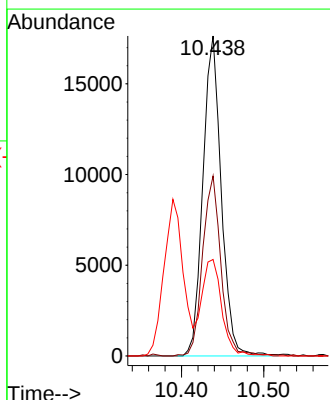
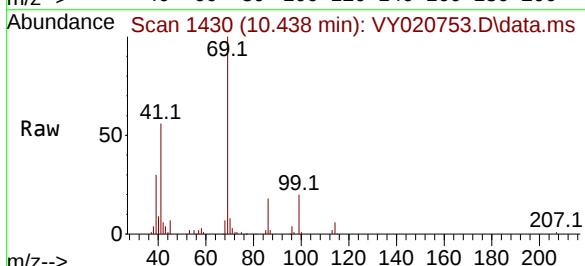
Tgt Ion: 69 Resp: 27382

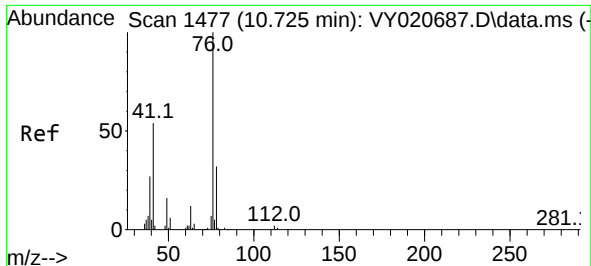
Ion Ratio Lower Upper

69 100

41 56.4 43.8 65.6

39 33.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 23.366 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.012 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument : MSVOA_Y

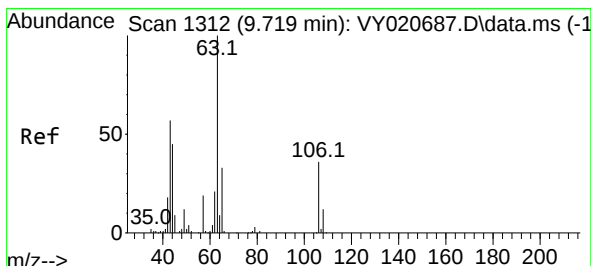
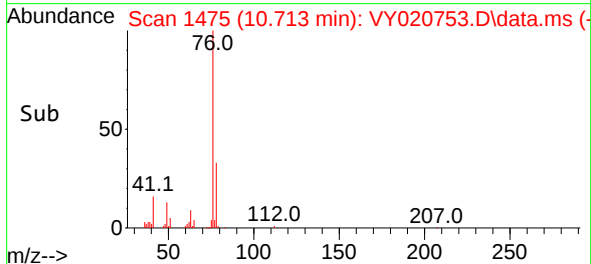
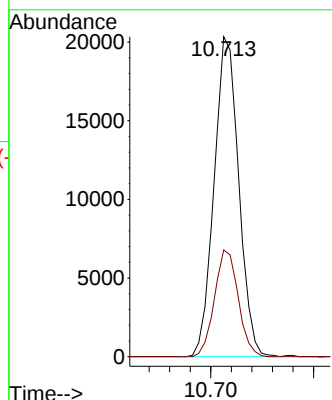
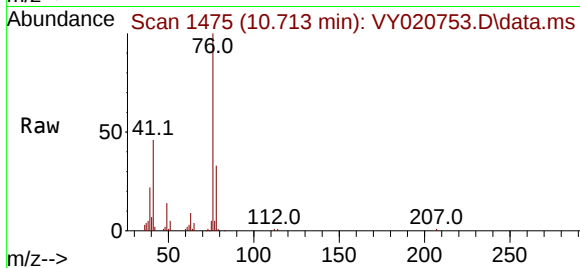
ClientSampleId :

Tgt Ion: 76 Resp: 33793

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 118.563 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020753.D

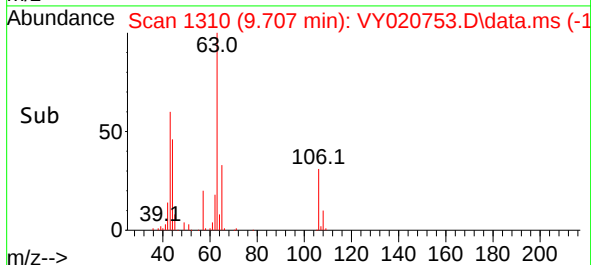
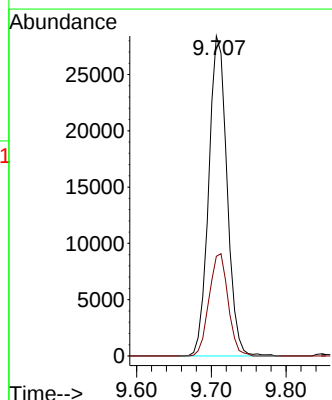
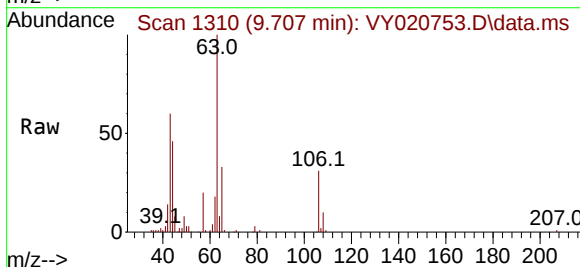
Acq: 30 Dec 2024 13:54

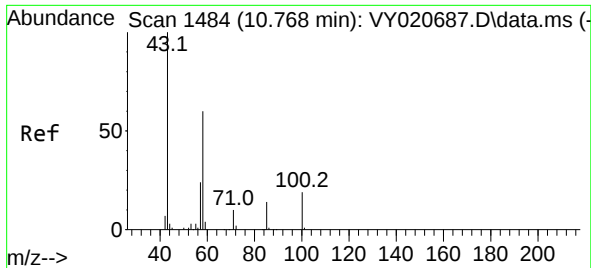
Tgt Ion: 63 Resp: 48399

Ion Ratio Lower Upper

63 100

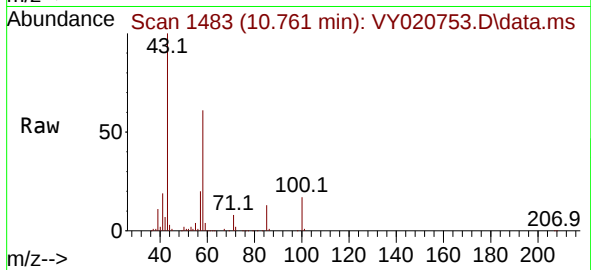
106 33.1 29.1 43.7



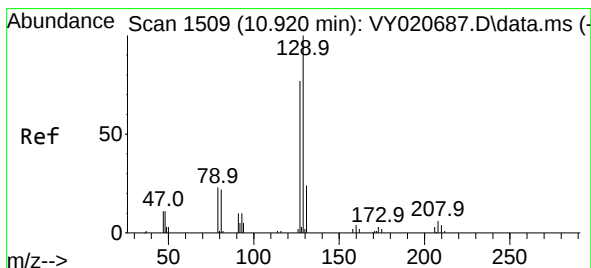
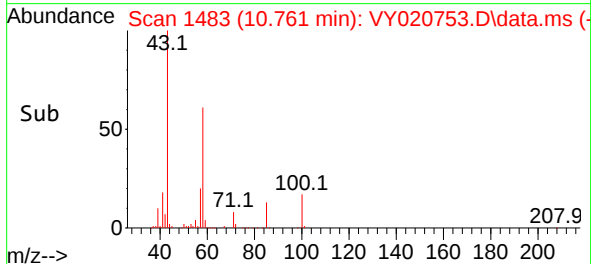
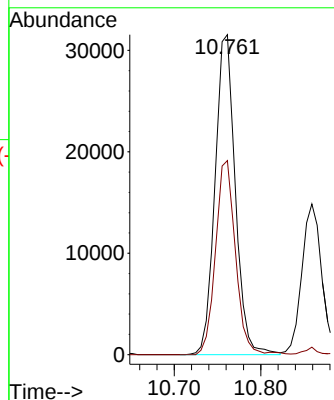


#59
2-Hexanone
Concen: 133.475 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.007 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

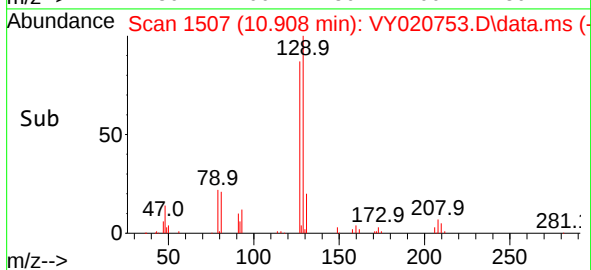
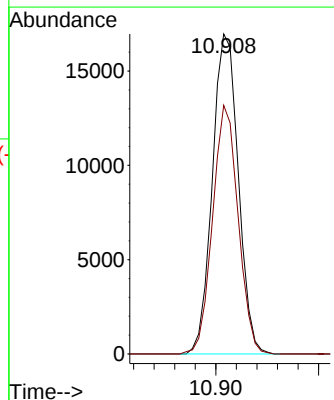
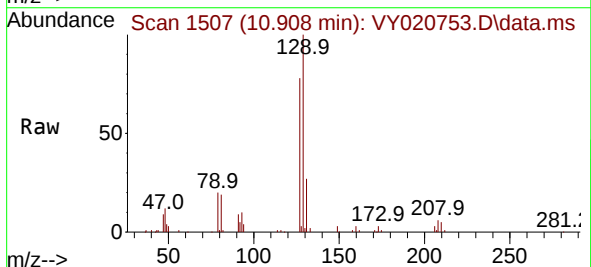


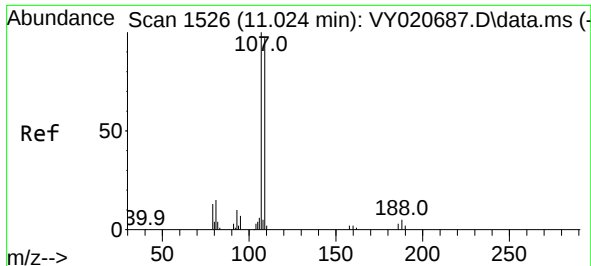
Tgt Ion: 43 Resp: 51237
Ion Ratio Lower Upper
43 100
58 59.9 30.1 90.5



#60
Dibromochloromethane
Concen: 20.610 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 129 Resp: 29676
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 23.086 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. -0.013 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

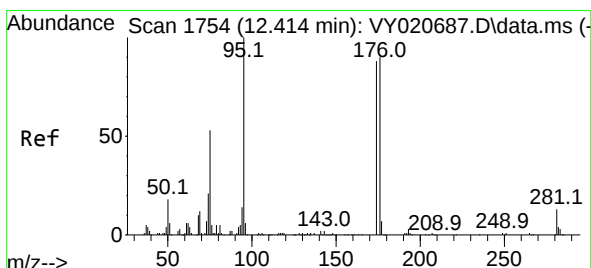
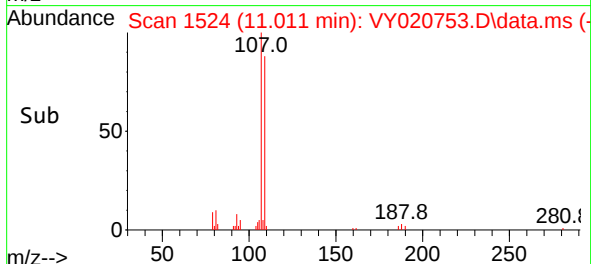
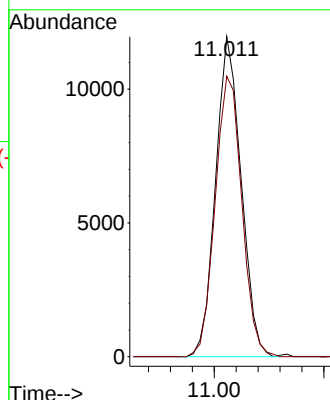
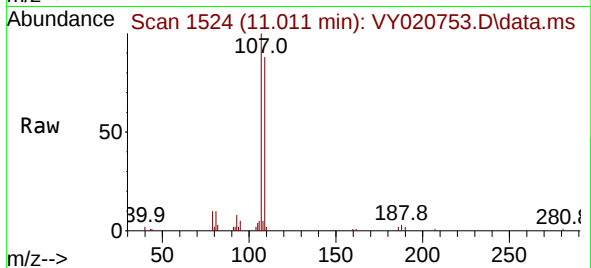
ClientSampleId :

Tgt Ion:107 Resp: 19357

Ion Ratio Lower Upper

107 100

109 91.4 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 52.468 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.007 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

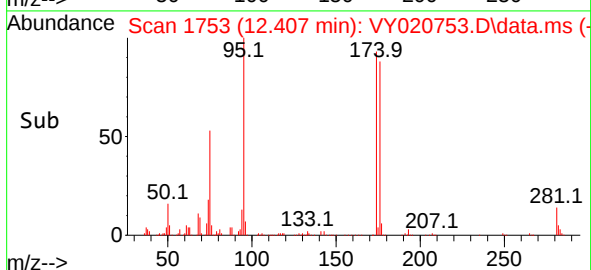
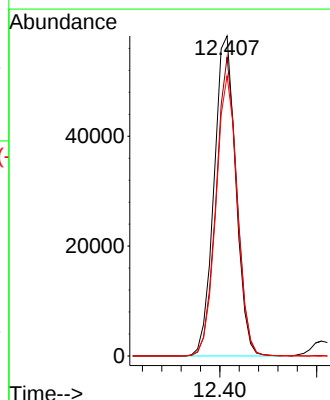
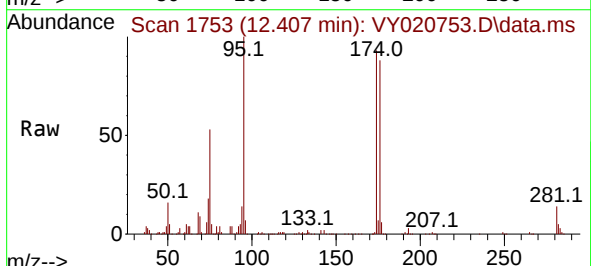
Tgt Ion: 95 Resp: 90781

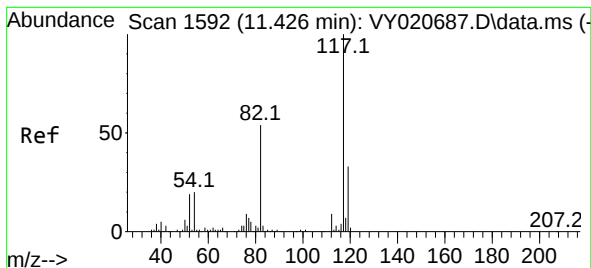
Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.2

176 86.3 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

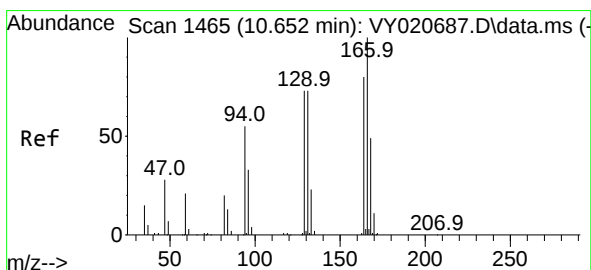
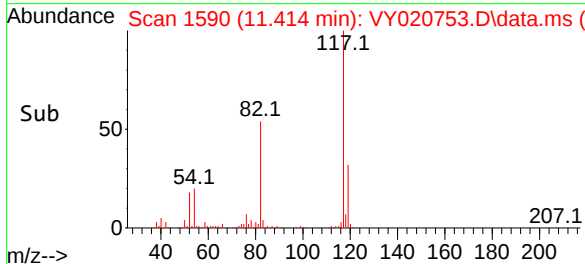
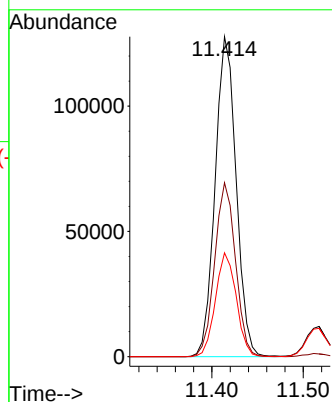
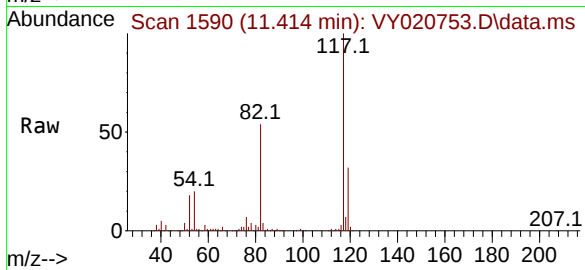
Tgt Ion:117 Resp: 204202

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.2

119 32.5 26.6 39.8



#64

Tetrachloroethene

Concen: 19.838 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Tgt Ion:164 Resp: 27677

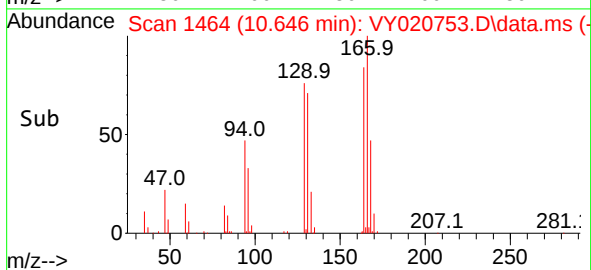
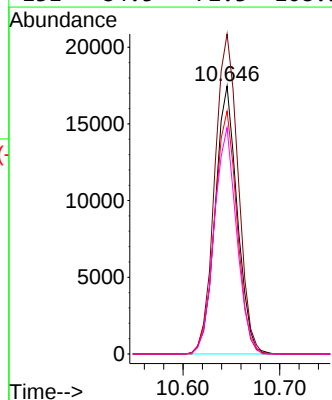
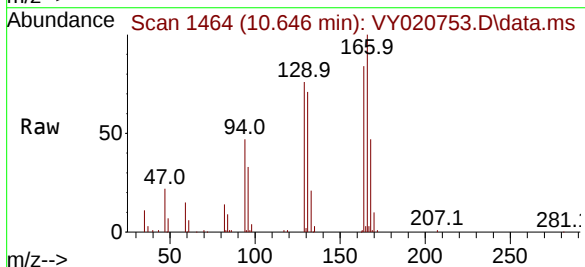
Ion Ratio Lower Upper

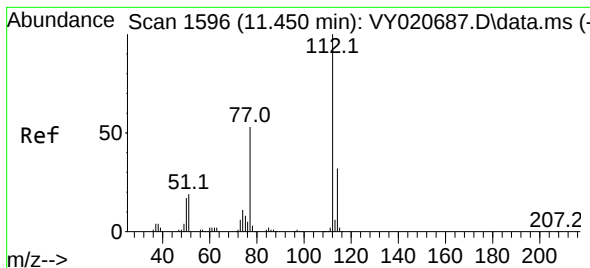
164 100

166 119.4 99.6 149.4

129 90.6 73.0 109.4

131 84.5 72.3 108.5





#65

Chlorobenzene

Concen: 20.279 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

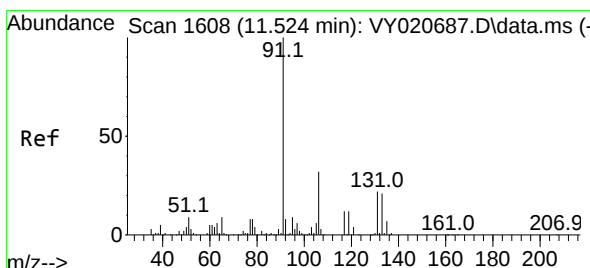
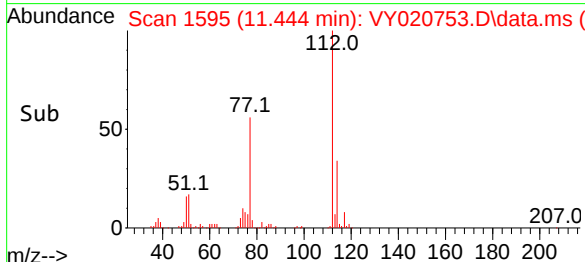
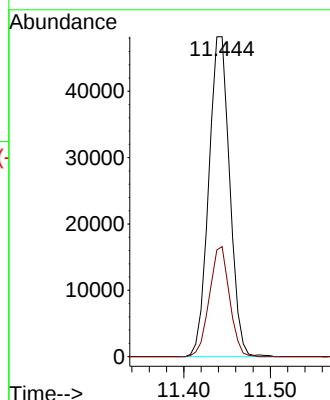
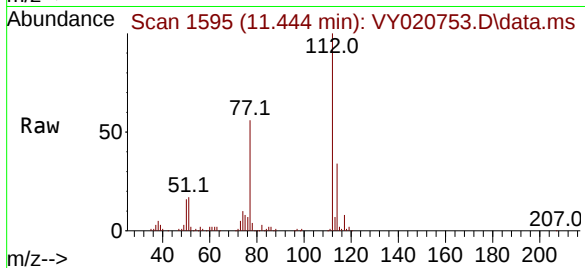
ClientSampleId :

Tgt Ion:112 Resp: 81085

Ion Ratio Lower Upper

112 100

114 34.4 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.868 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.007 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

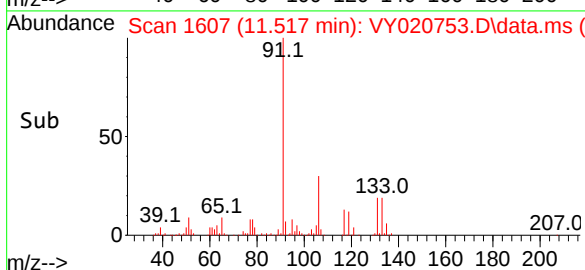
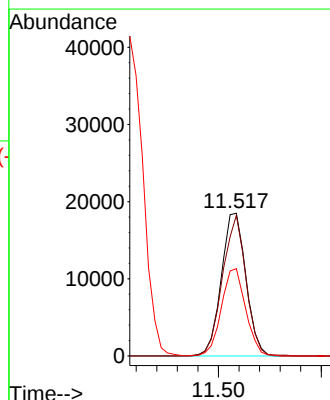
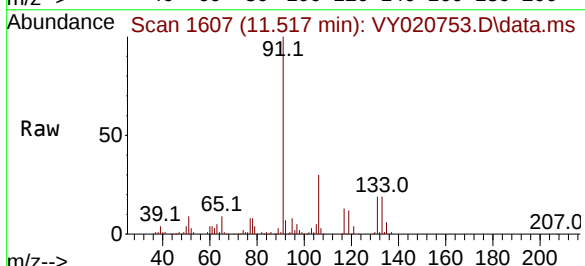
Tgt Ion:131 Resp: 30777

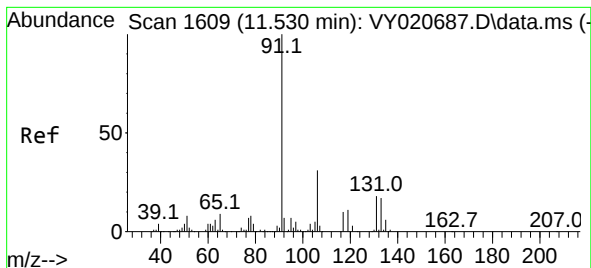
Ion Ratio Lower Upper

131 100

133 93.9 48.6 145.9

119 60.4 28.4 85.3





#67

Ethyl Benzene

Concen: 20.475 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.013 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

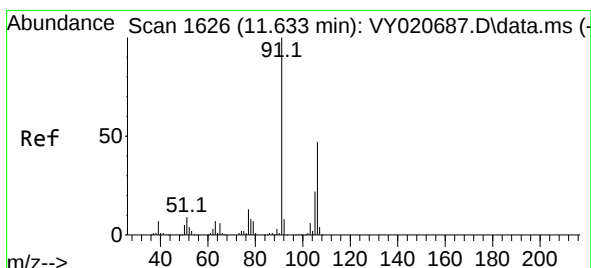
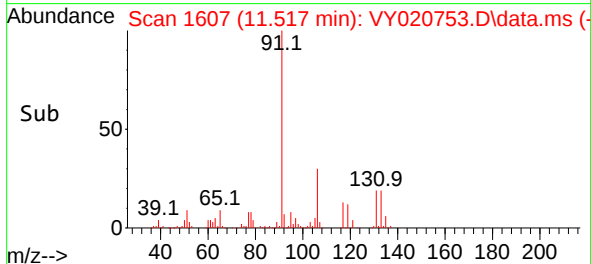
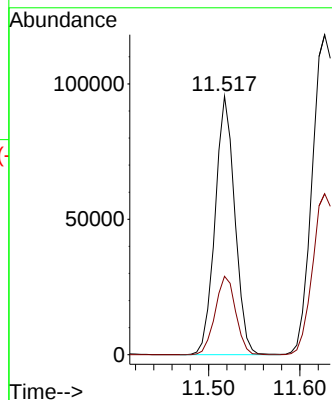
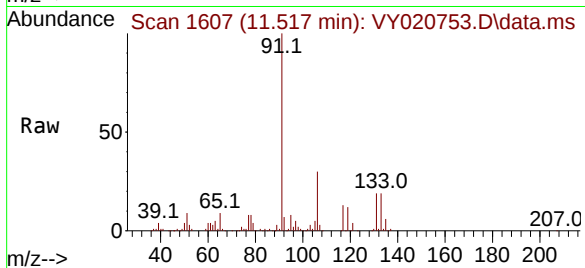
ClientSampleId :

Tgt Ion: 91 Resp: 143085

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 41.666 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020753.D

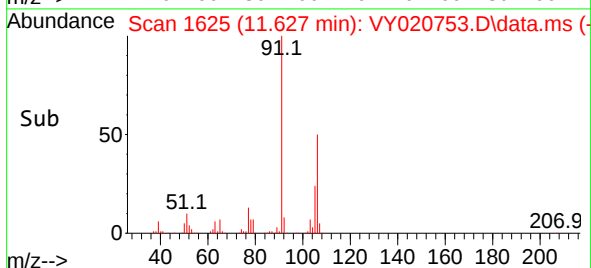
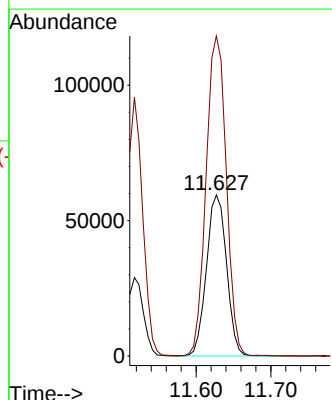
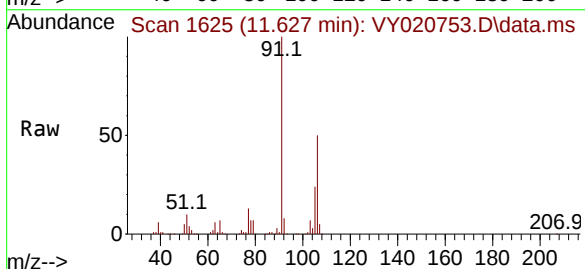
Acq: 30 Dec 2024 13:54

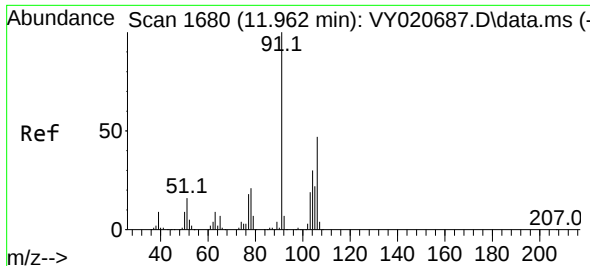
Tgt Ion:106 Resp: 111073

Ion Ratio Lower Upper

106 100

91 200.1 166.6 250.0

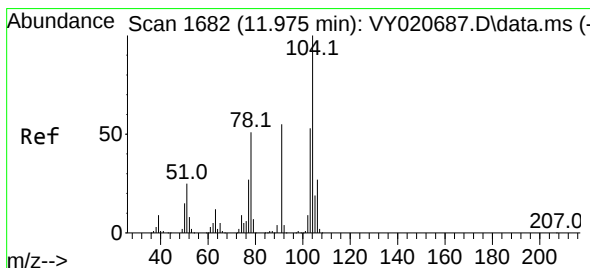
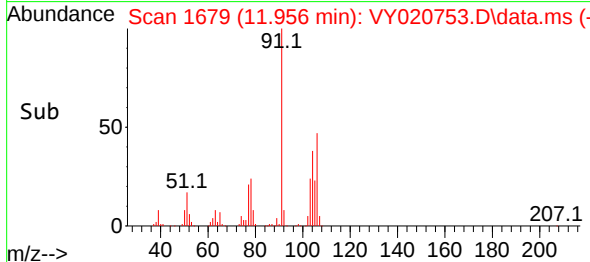
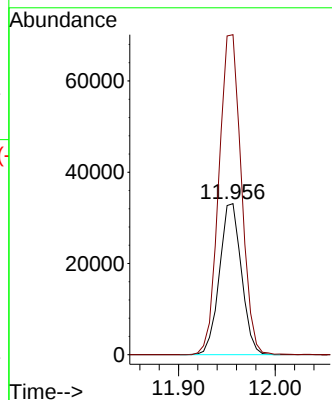
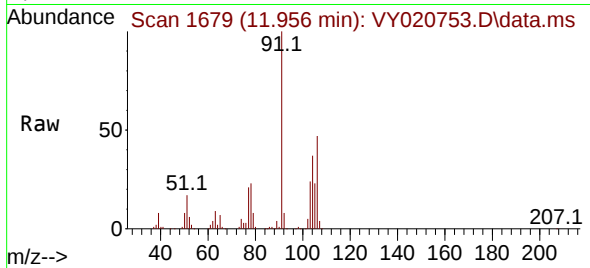




#69
o-Xylene
Concen: 20.519 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

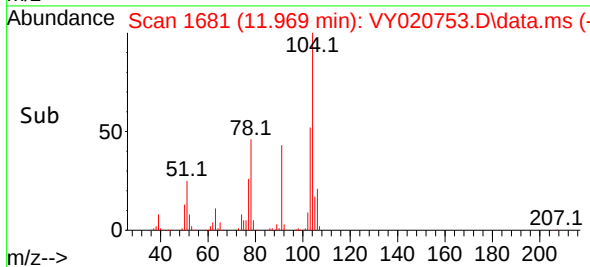
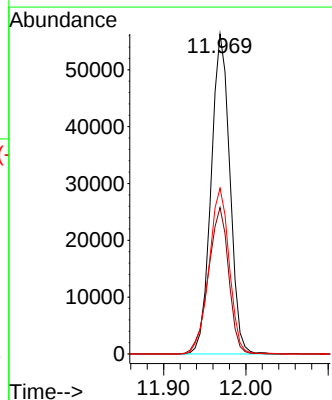
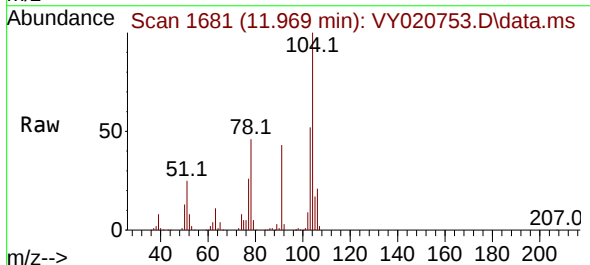
Instrument :
MSVOA_Y
ClientSampleId :

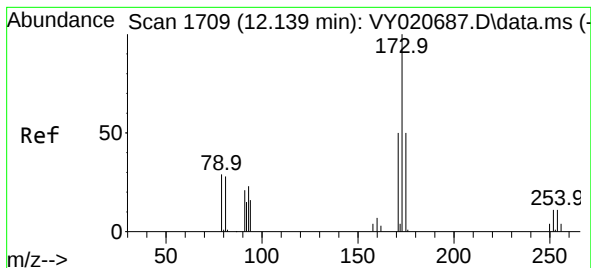
Tgt Ion:106 Resp: 52260
Ion Ratio Lower Upper
106 100
91 215.9 108.6 325.8



#70
Styrene
Concen: 20.882 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion:104 Resp: 89284
Ion Ratio Lower Upper
104 100
78 49.5 43.0 64.4
103 55.7 44.4 66.6





#71

Bromoform

Concen: 21.125 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

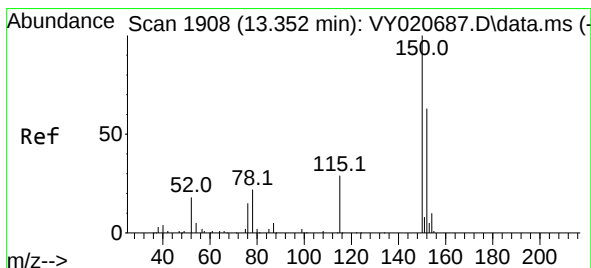
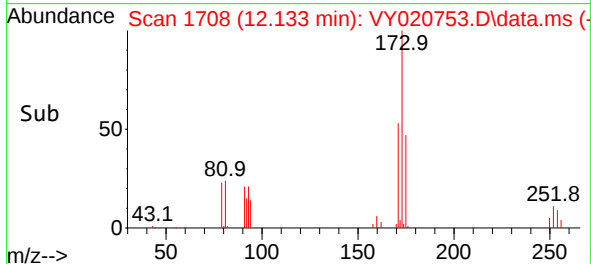
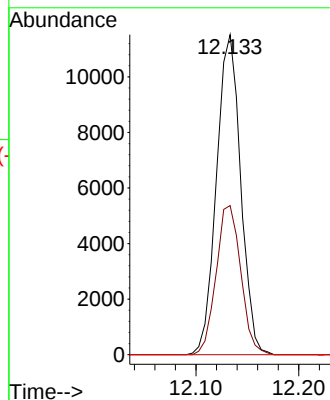
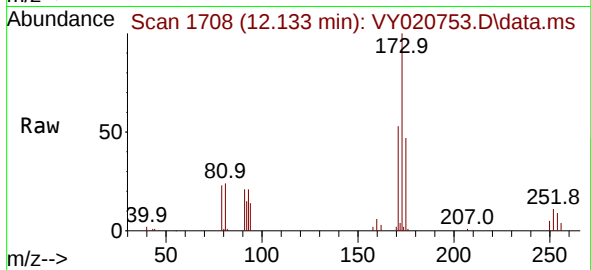
Tgt Ion:173 Resp: 18814

Ion Ratio Lower Upper

173 100

175 47.5 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

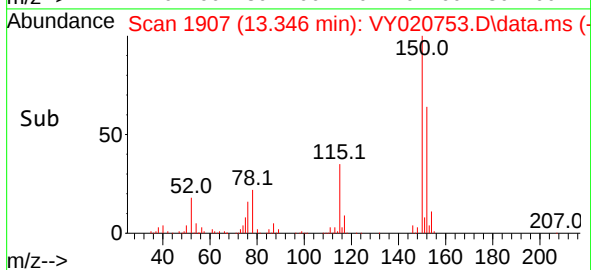
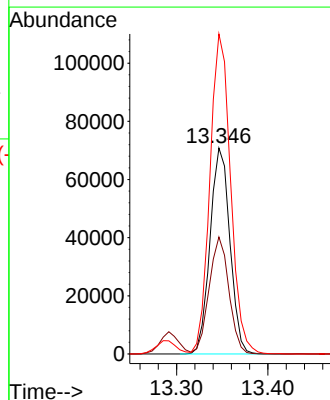
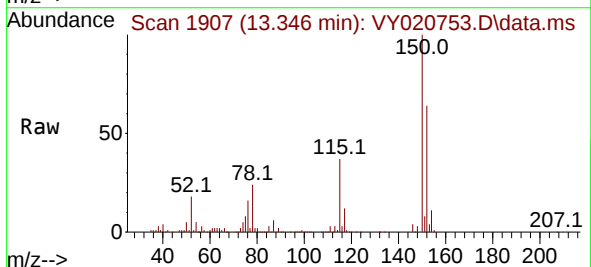
Tgt Ion:152 Resp: 106862

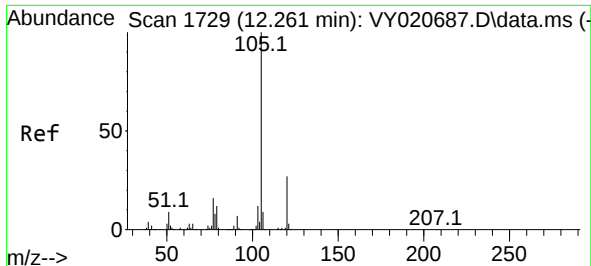
Ion Ratio Lower Upper

152 100

115 56.5 30.3 90.9

150 161.4 0.0 349.0

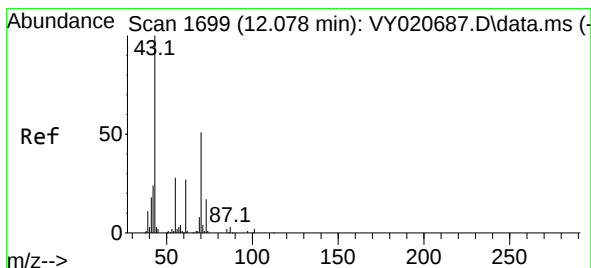
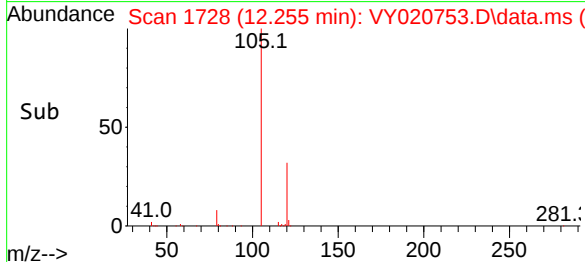
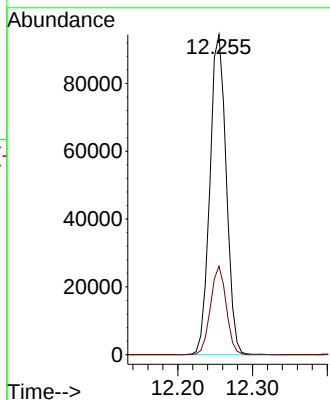
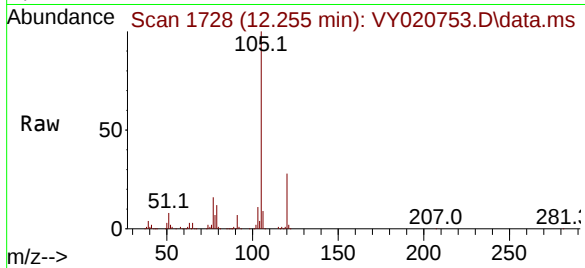




#73
Isopropylbenzene
Concen: 19.373 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

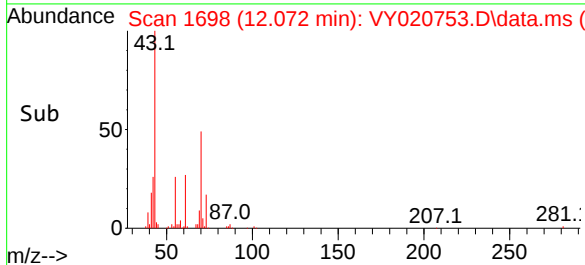
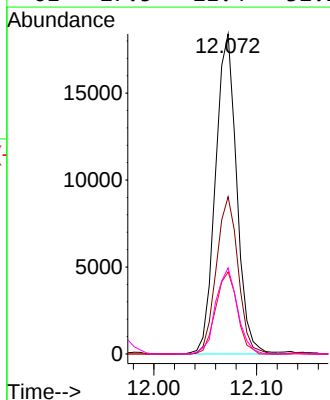
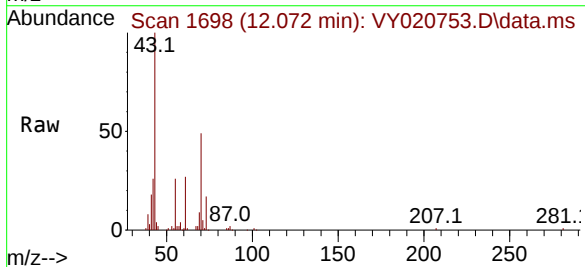
Instrument :
MSVOA_Y
ClientSampleId :

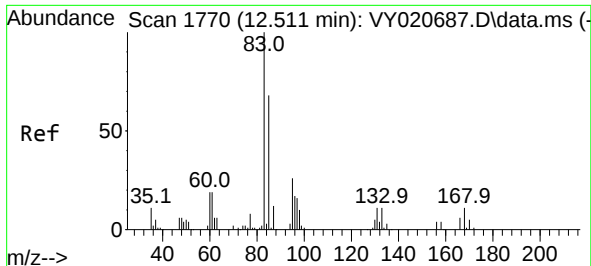
Tgt Ion:105 Resp: 143429
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 25.055 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 43 Resp: 26360
Ion Ratio Lower Upper
43 100
70 50.4 39.7 59.5
55 26.0 21.5 32.3
61 27.5 21.4 32.2

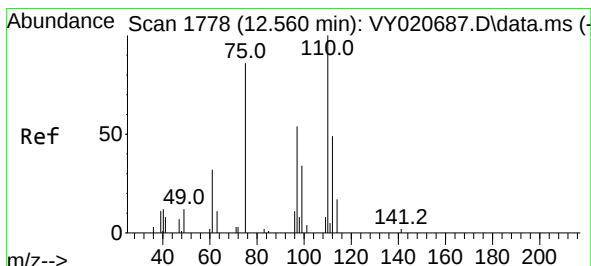
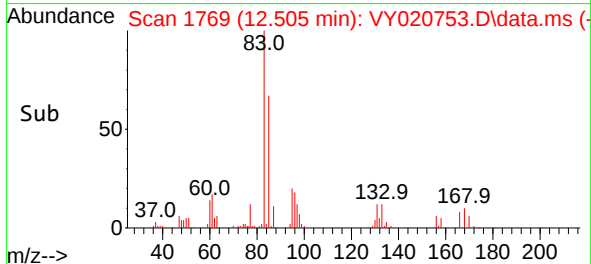
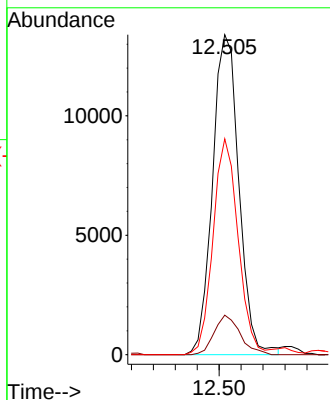
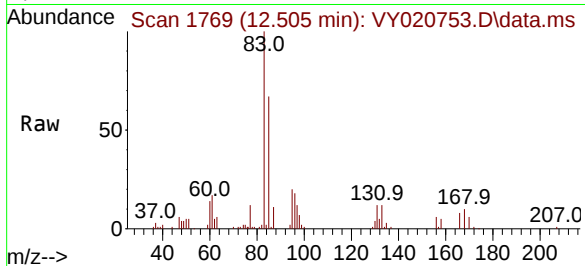




#75
1,1,2,2-Tetrachloroethane
Concen: 23.620 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

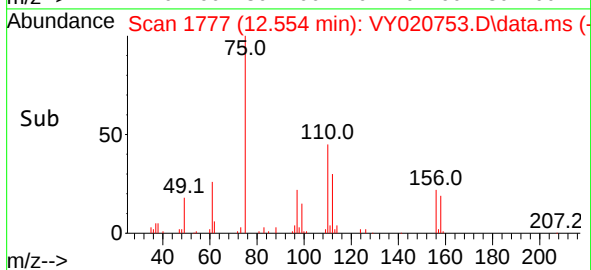
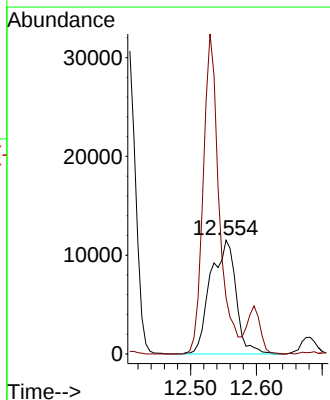
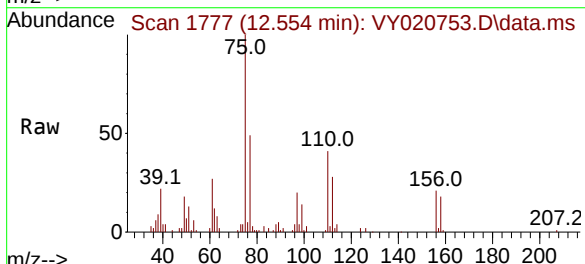
Instrument :
MSVOA_Y
ClientSampleId :

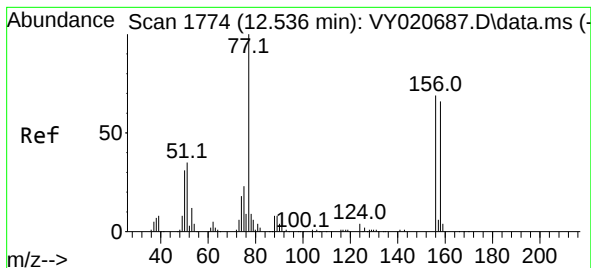
Tgt Ion: 83 Resp: 22418
Ion Ratio Lower Upper
83 100
131 12.1 6.9 20.7
85 64.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 45.691 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 75 Resp: 31054
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.071 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.007 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

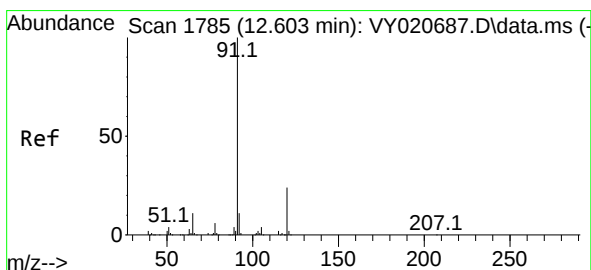
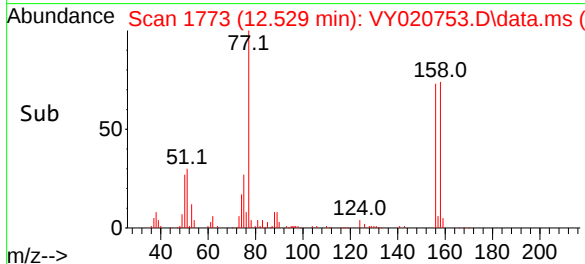
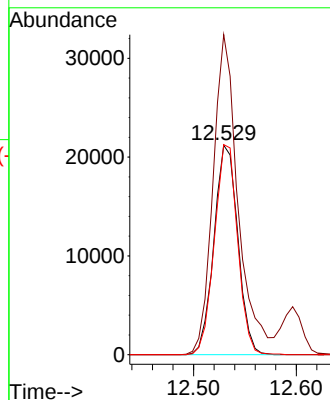
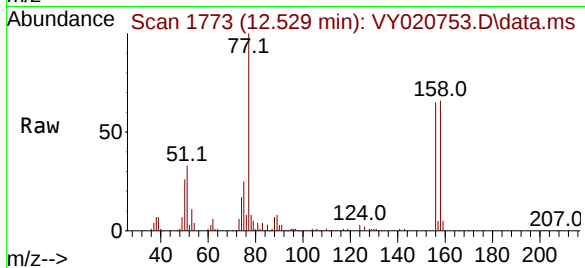
Tgt Ion:156 Resp: 34206

Ion Ratio Lower Upper

156 100

77 159.1 78.3 235.0

158 97.4 48.3 144.9



#78

n-propylbenzene

Concen: 20.038 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.007 min

Lab File: VY020753.D

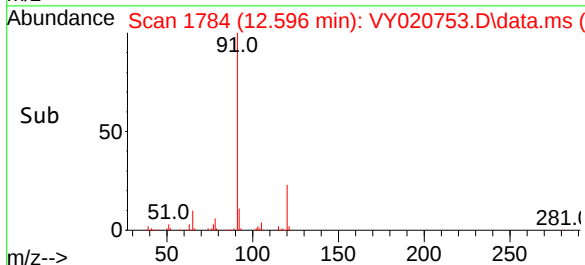
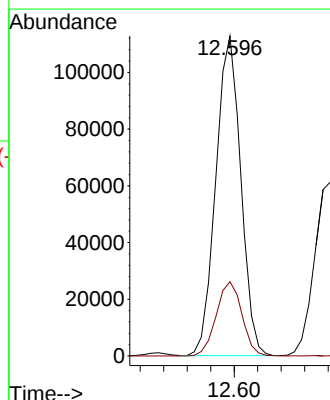
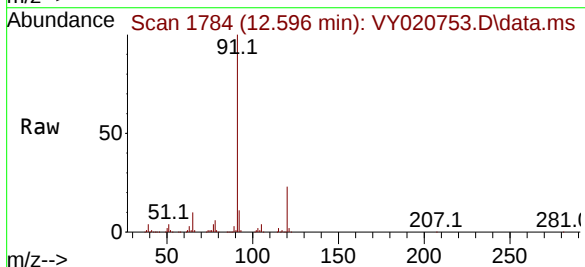
Acq: 30 Dec 2024 13:54

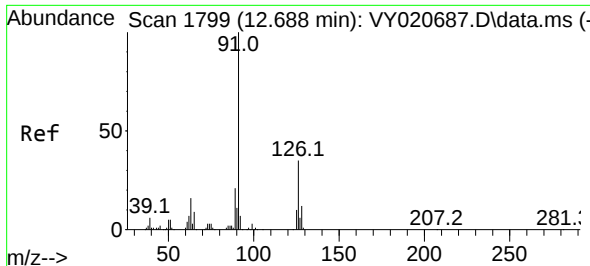
Tgt Ion: 91 Resp: 166277

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.8

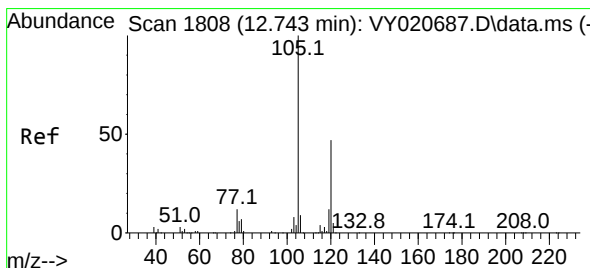
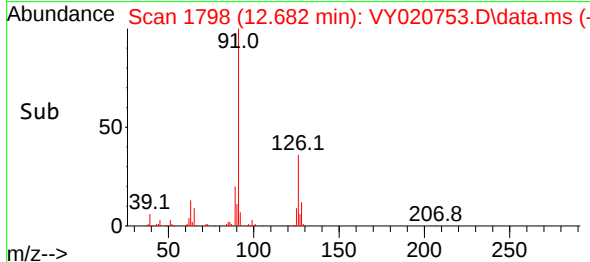
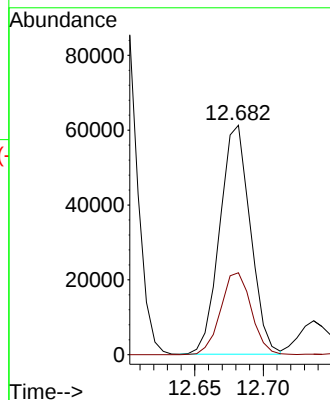
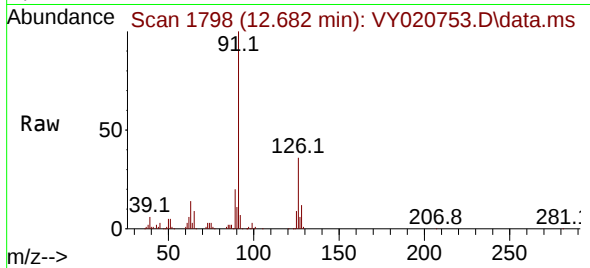




#79
2-Chlorotoluene
Concen: 20.108 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

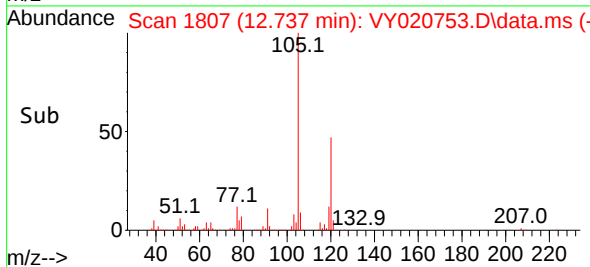
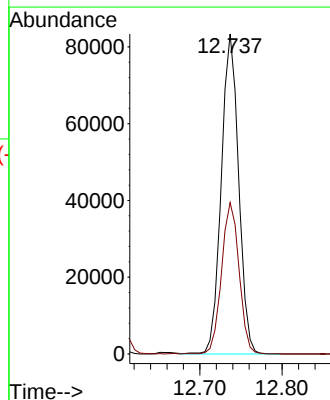
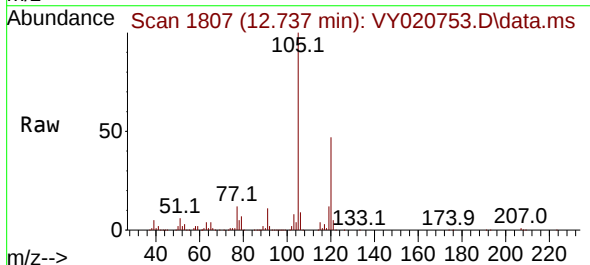
Instrument :
MSVOA_Y
ClientSampleId :

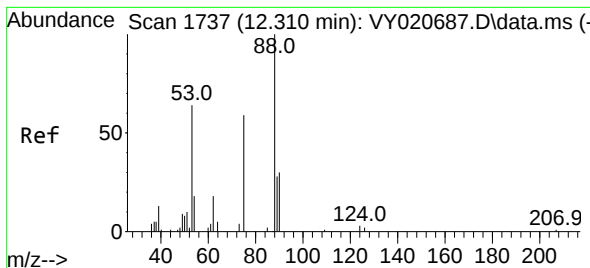
Tgt Ion: 91 Resp: 95118
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 19.799 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion:105 Resp: 122128
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

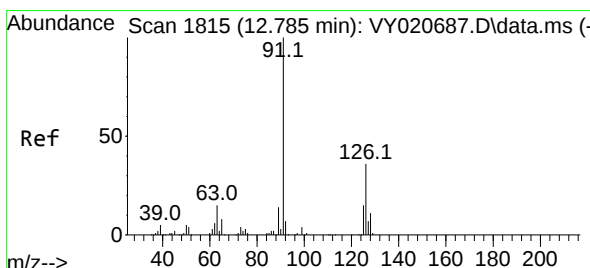
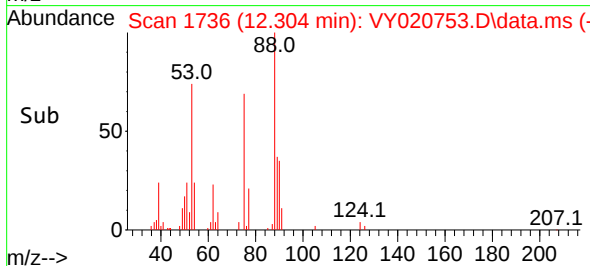
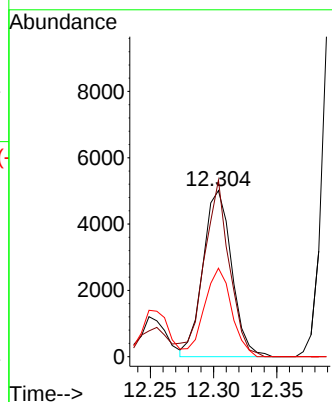
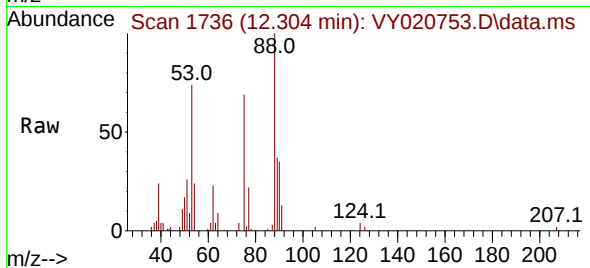




#81
trans-1,4-Dichloro-2-butene
Concen: 23.065 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

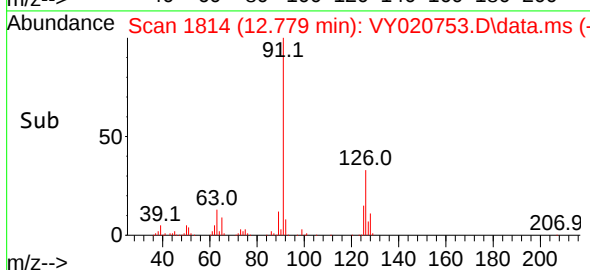
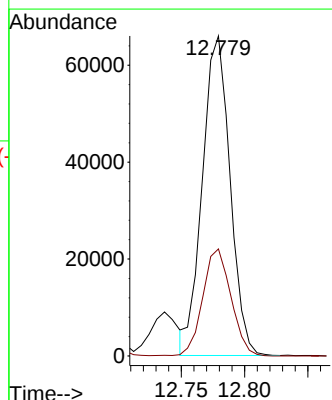
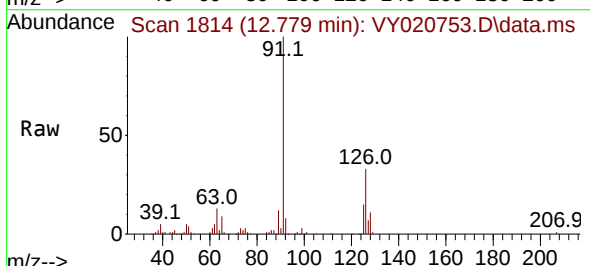
Instrument :
MSVOA_Y
ClientSampleId :

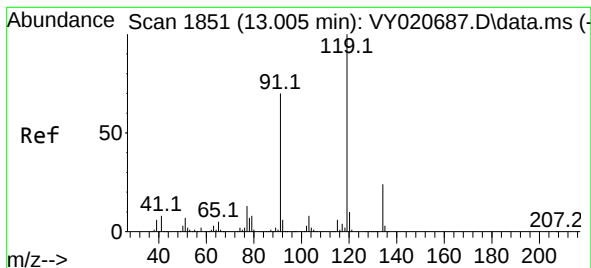
Tgt Ion: 75 Resp: 7931
Ion Ratio Lower Upper
75 100
53 94.5 83.1 124.7
89 50.8 40.6 61.0



#82
4-Chlorotoluene
Concen: 20.519 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 91 Resp: 100311
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5





#83

tert-Butylbenzene

Concen: 19.260 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

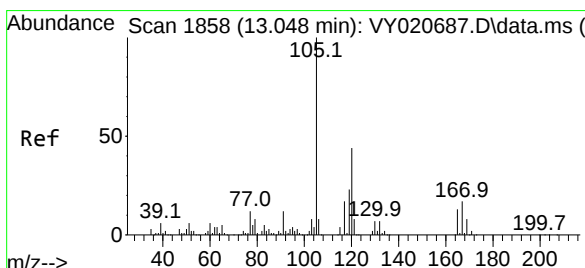
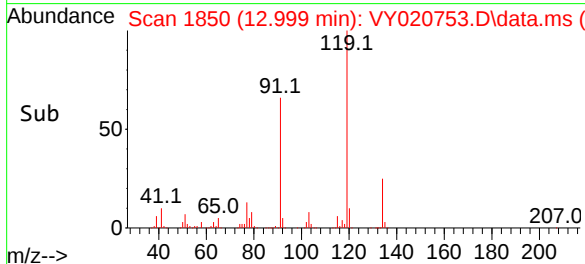
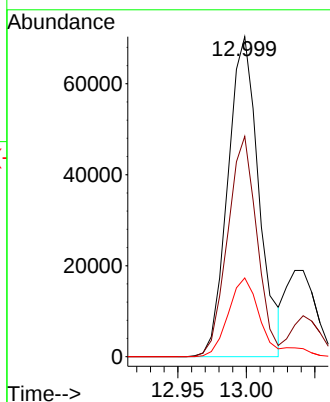
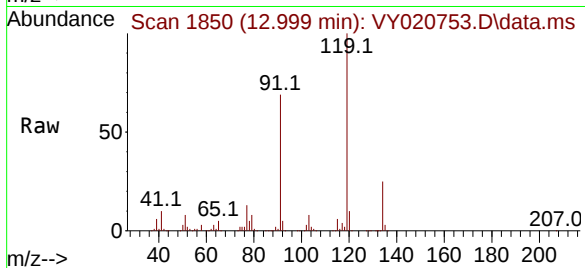
Tgt Ion:119 Resp: 110946

Ion Ratio Lower Upper

119 100

91 65.2 33.6 100.8

134 26.5 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 19.943 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.007 min

Lab File: VY020753.D

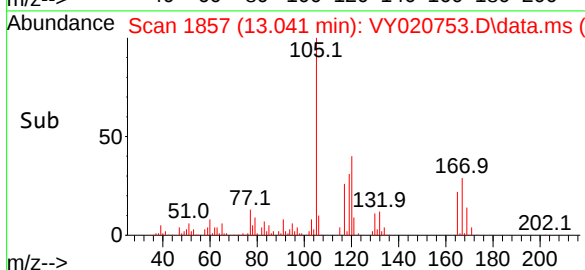
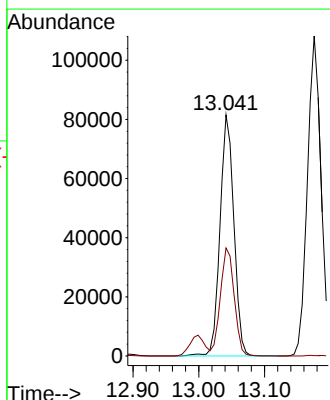
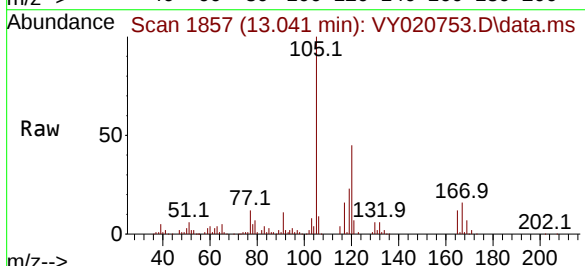
Acq: 30 Dec 2024 13:54

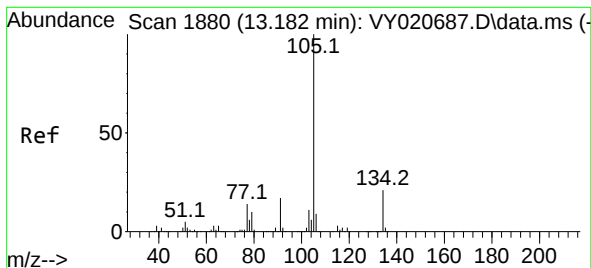
Tgt Ion:105 Resp: 119707

Ion Ratio Lower Upper

105 100

120 44.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 20.035 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

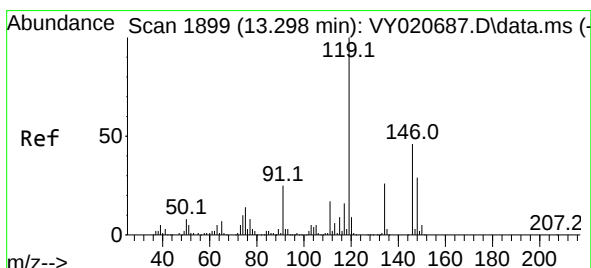
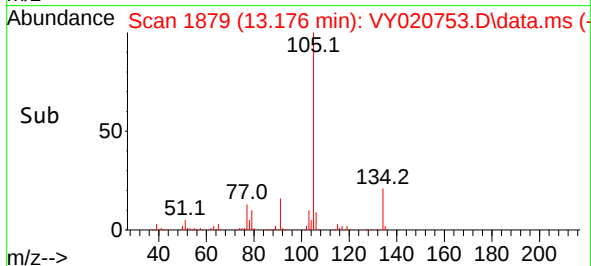
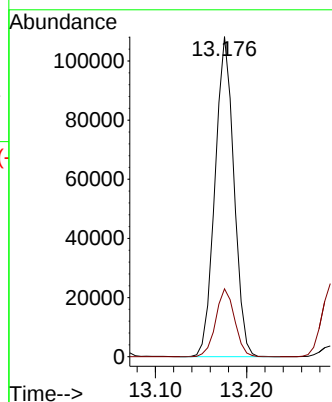
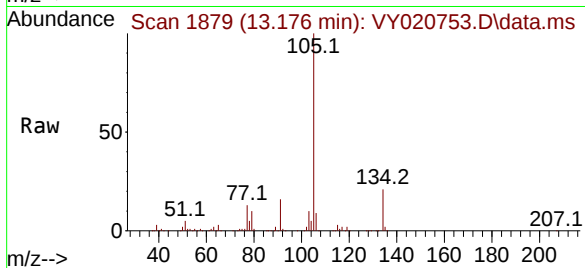
ClientSampleId :

Tgt Ion:105 Resp: 155543

Ion Ratio Lower Upper

105 100

134 21.2 10.7 32.1



#86

p-Isopropyltoluene

Concen: 19.594 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.007 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

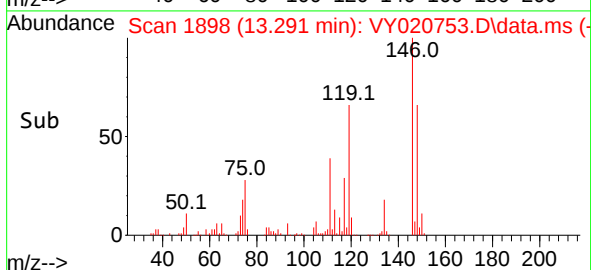
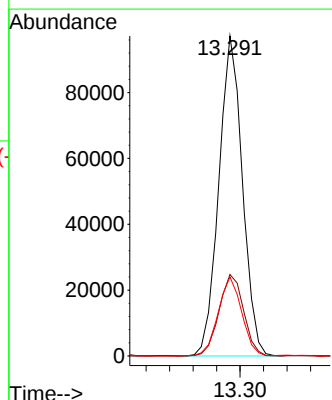
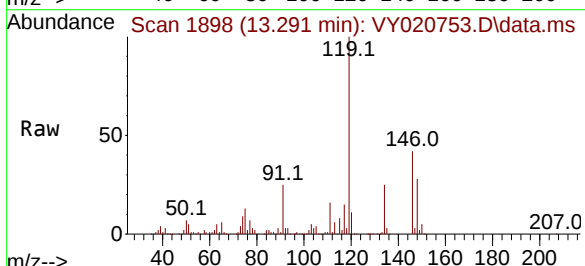
Tgt Ion:119 Resp: 135564

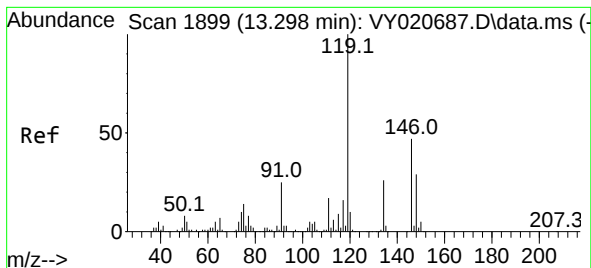
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.6 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 20.205 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.013 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

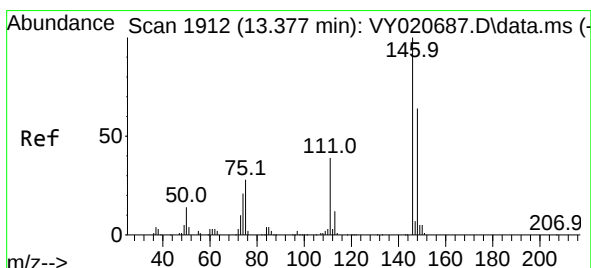
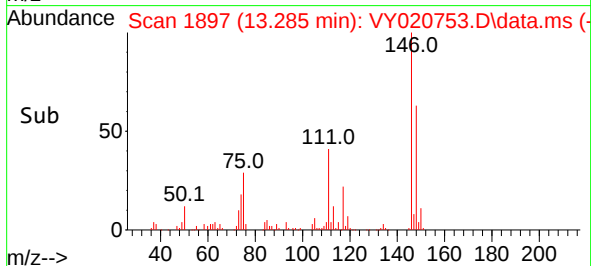
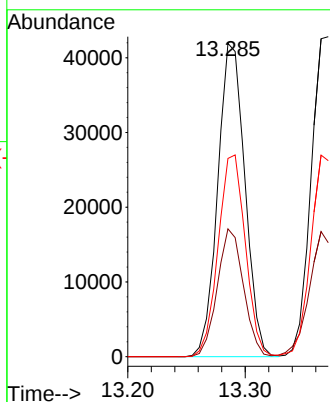
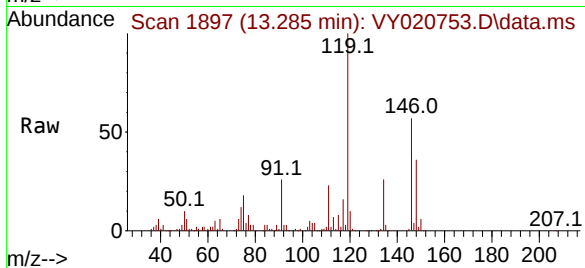
Tgt Ion:146 Resp: 67300

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.8

148 64.6 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.603 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

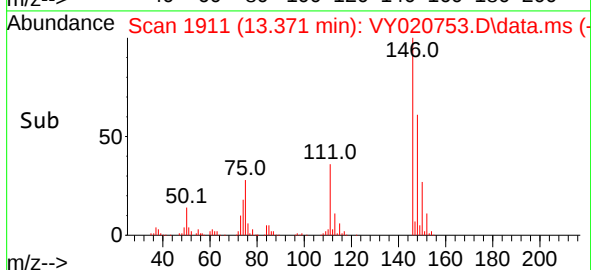
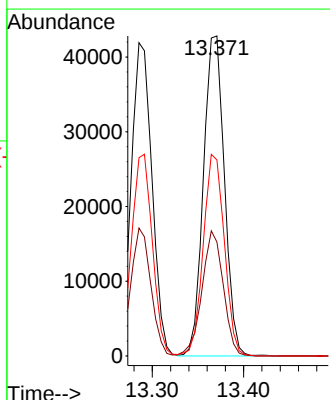
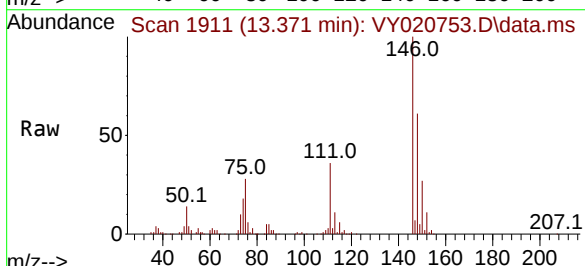
Tgt Ion:146 Resp: 68267

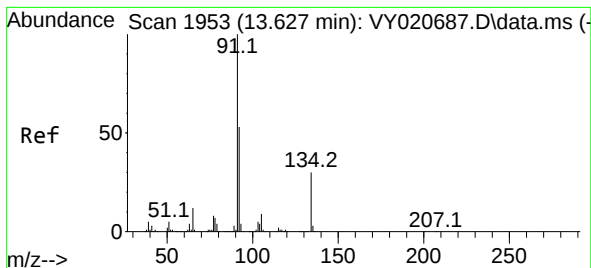
Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 63.2 32.8 98.3





#89

n-Butylbenzene

Concen: 20.565 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

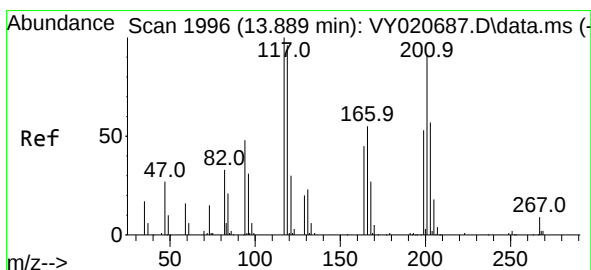
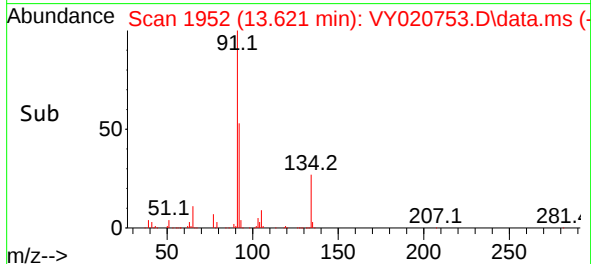
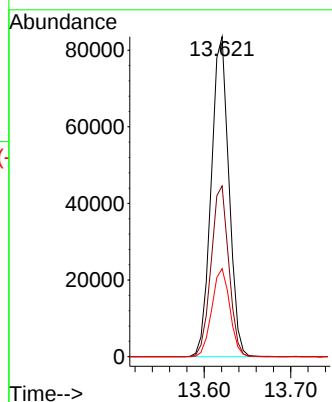
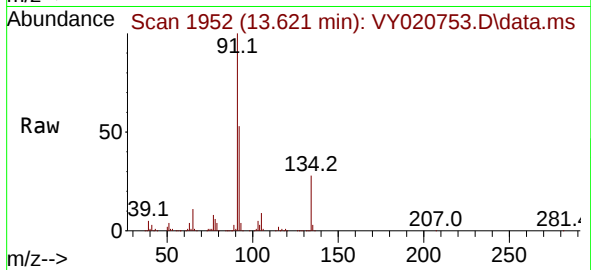
Tgt Ion: 91 Resp: 118771

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.2

134 27.9 14.8 44.4



#90

Hexachloroethane

Concen: 19.614 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020753.D

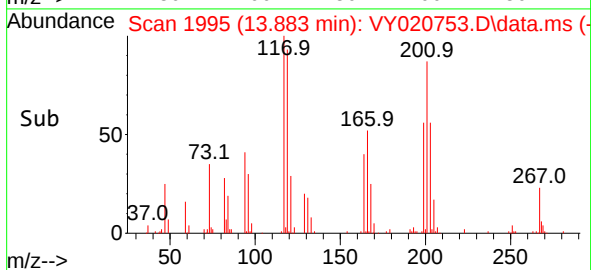
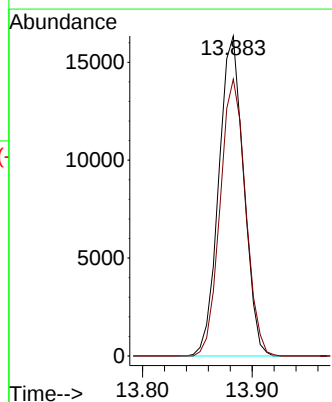
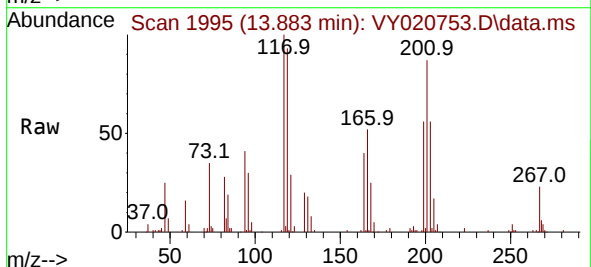
Acq: 30 Dec 2024 13:54

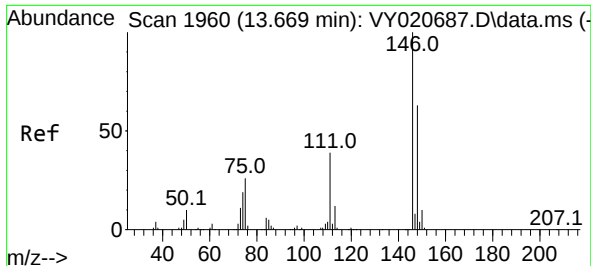
Tgt Ion: 117 Resp: 25805

Ion Ratio Lower Upper

117 100

201 88.3 44.9 134.7

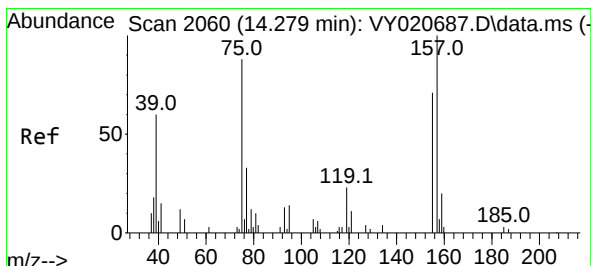
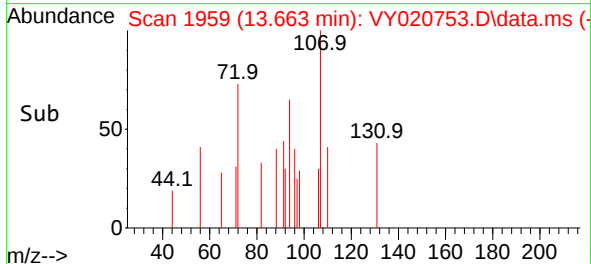
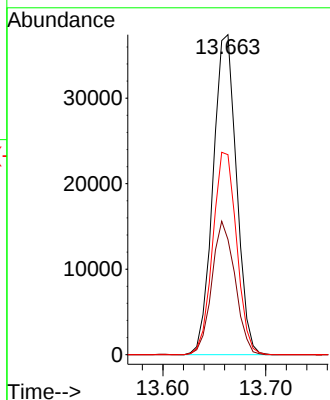
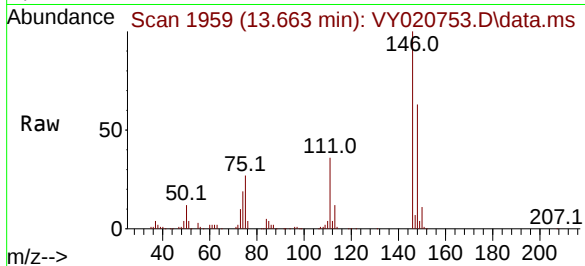




#91
1,2-Dichlorobenzene
Concen: 20.764 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

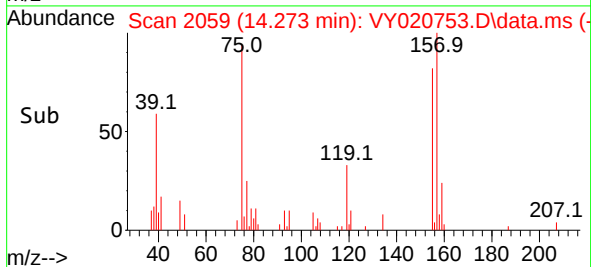
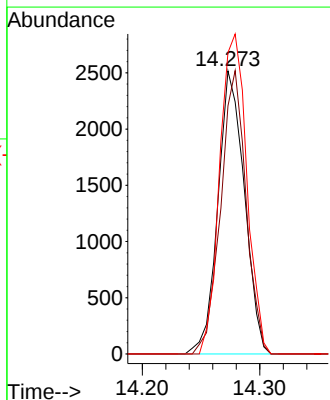
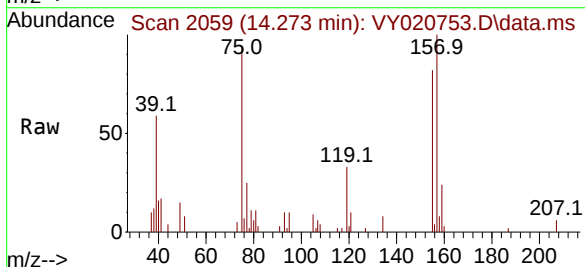
Instrument :
MSVOA_Y
ClientSampleId :

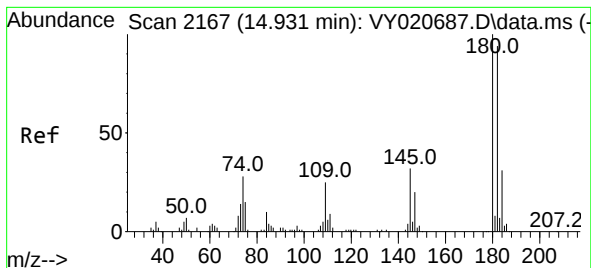
Tgt Ion:146 Resp: 59303
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.8
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.377 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY020753.D
Acq: 30 Dec 2024 13:54

Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
155 95.8 43.4 130.2
157 115.7 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 21.110 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

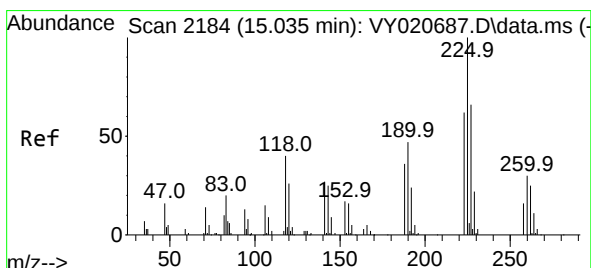
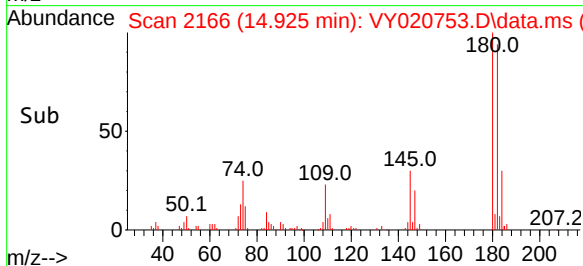
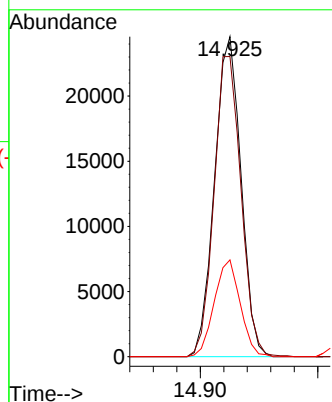
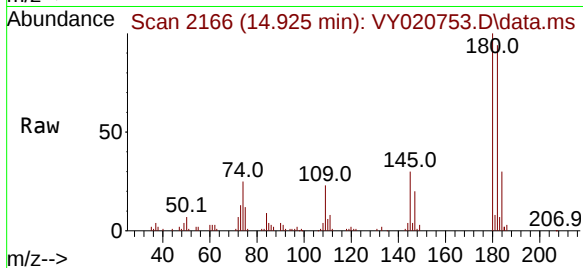
Tgt Ion:180 Resp: 38322

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 29.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.572 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

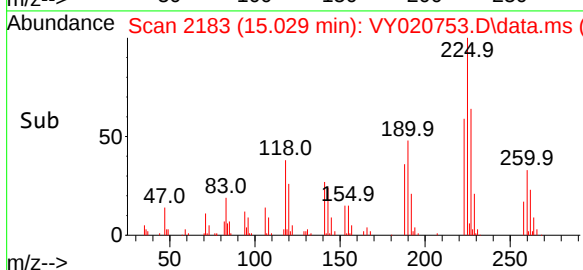
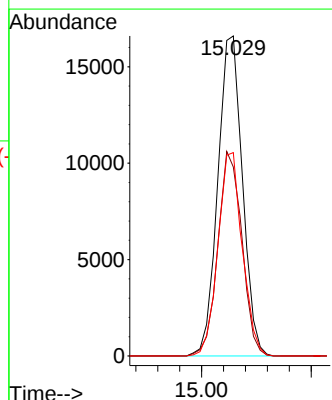
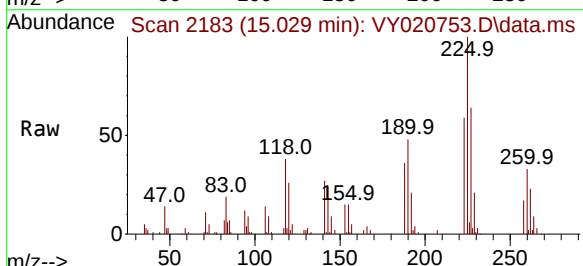
Tgt Ion:225 Resp: 25895

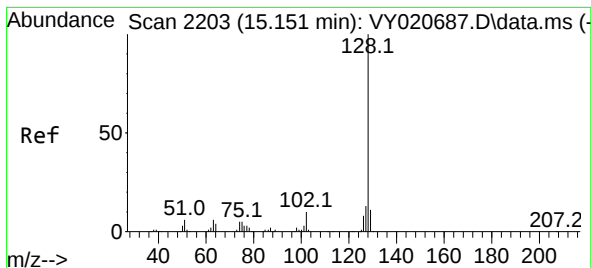
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 62.7 32.1 96.5





#95

Naphthalene

Concen: 21.972 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020753.D

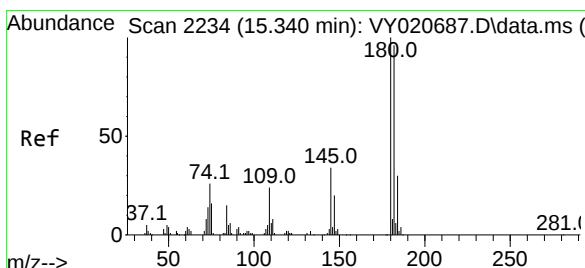
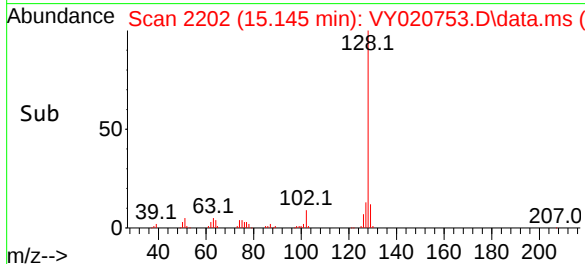
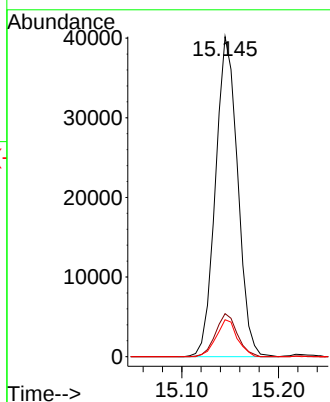
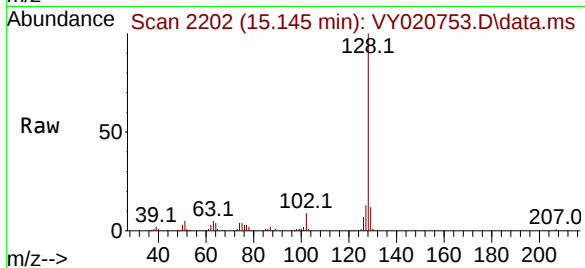
Acq: 30 Dec 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	63884
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.7 16.1
129	11.0	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.392 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020753.D

Acq: 30 Dec 2024 13:54

Tgt Ion:180	Resp:	32334
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.4 142.2
145	30.6	16.7 50.1

