

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020703.D
 Acq On : 23 Dec 2024 19:47
 Operator : SY/MD
 Sample : VY1223SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBSD01

Quant Time: Dec 25 01:03:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	104834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	154339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	131930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	69344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52754	56.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.640%	
35) Dibromofluoromethane	7.646	113	48159	53.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.280%	
50) Toluene-d8	10.109	98	184098	55.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.860%	
62) 4-Bromofluorobenzene	12.414	95	63417	52.934	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.860%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	16152	19.999	ug/l	99
3) Chloromethane	2.074	50	6233	18.943	ug/l	100
4) Vinyl Chloride	2.214	62	7104	17.709	ug/l	93
5) Bromomethane	2.605	94	5714	20.171	ug/l	95
6) Chloroethane	2.745	64	4299	17.632	ug/l	96
7) Trichlorofluoromethane	3.068	101	28952	20.069	ug/l	100
8) Diethyl Ether	3.464	74	7345	21.271	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	15648	19.863	ug/l	98
10) Methyl Iodide	4.013	142	17395	19.168	ug/l	100
11) Tert butyl alcohol	4.879	59	6977	93.870	ug/l #	93
12) 1,1-Dichloroethene	3.799	96	14011	20.040	ug/l	98
13) Acrolein	3.671	56	2497	141.348	ug/l	97
14) Allyl chloride	4.397	41	16858	20.562	ug/l	100
15) Acrylonitrile	5.074	53	13947	109.579	ug/l	98
16) Acetone	3.873	43	10717	101.056	ug/l	98
17) Carbon Disulfide	4.116	76	33010	18.937	ug/l #	93
18) Methyl Acetate	4.409	43	6183	22.535	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	42423	22.307	ug/l	98
20) Methylene Chloride	4.635	84	15288	21.633	ug/l	86
21) trans-1,2-Dichloroethene	5.128	96	15798	20.956	ug/l	92
22) Diisopropyl ether	6.025	45	37677	22.479	ug/l #	96
23) Vinyl Acetate	5.970	43	107461	108.272	ug/l	99
24) 1,1-Dichloroethane	5.933	63	27342	21.882	ug/l #	95
25) 2-Butanone	6.903	43	15672	105.199	ug/l	91
26) 2,2-Dichloropropane	6.896	77	31303	20.024	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	19772	22.020	ug/l	98
28) Bromochloromethane	7.256	49	6466	19.677	ug/l	99
29) Tetrahydrofuran	7.274	42	9534	108.884	ug/l	98
30) Chloroform	7.427	83	34856	21.222	ug/l	97
31) Cyclohexane	7.713	56	21545	19.666	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	36239	21.120	ug/l	97
36) 1,1-Dichloropropene	7.841	75	22098	20.061	ug/l	97
37) Ethyl Acetate	6.994	43	7719	20.609	ug/l	97
38) Carbon Tetrachloride	7.829	117	35214	19.755	ug/l	95
39) Methylcyclohexane	9.116	83	27500	19.641	ug/l	99
40) Benzene	8.085	78	65063	20.474	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	4454	21.838	ug/l	94
42) 1,2-Dichloroethane	8.165	62	21724	21.495	ug/l	99
43) Isopropyl Acetate	8.207	43	15842	21.172	ug/l #	83
44) Trichloroethene	8.872	130	18586	19.707	ug/l	99
45) 1,2-Dichloropropane	9.146	63	13056	20.911	ug/l	98
46) Dibromomethane	9.238	93	9334	21.655	ug/l	97
47) Bromodichloromethane	9.427	83	26059	21.312	ug/l	94
48) Methyl methacrylate	9.225	41	7217	20.347	ug/l	96
49) 1,4-Dioxane	9.238	88	1762	435.830	ug/l #	90
51) 4-Methyl-2-Pentanone	10.006	43	38706	103.556	ug/l	98
52) Toluene	10.176	92	44815	20.709	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	23137	21.385	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	25177	21.119	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	11682	20.931	ug/l #	90
56) Ethyl methacrylate	10.445	69	15165	21.301	ug/l	97
57) 1,3-Dichloropropane	10.725	76	19061	20.893	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.719	63	27253	102.437	ug/l	98
59) 2-Hexanone	10.768	43	24776	104.066	ug/l	99
60) Dibromochloromethane	10.914	129	19154	21.495	ug/l	96
61) 1,2-Dibromoethane	11.018	107	11054	21.127	ug/l	100
64) Tetrachloroethene	10.652	164	17595	20.081	ug/l	94
65) Chlorobenzene	11.451	112	52606	21.338	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	20004	20.778	ug/l	97
67) Ethyl Benzene	11.524	91	91241	20.628	ug/l	95
68) m/p-Xylenes	11.633	106	69958	41.477	ug/l	100
69) o-Xylene	11.957	106	34079	21.509	ug/l	98
70) Styrene	11.975	104	56763	21.300	ug/l	99
71) Bromoform	12.139	173	11461	20.784	ug/l #	98
73) Isopropylbenzene	12.261	105	93189	19.757	ug/l	100
74) N-amyl acetate	12.078	43	13493	20.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	12470	20.545	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	18668	39.036	ug/l #	100
77) Bromobenzene	12.536	156	21199	19.737	ug/l	99
78) n-propylbenzene	12.603	91	103950	19.548	ug/l	99
79) 2-Chlorotoluene	12.688	91	60340	19.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	79726	20.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	4098	18.628	ug/l	97
82) 4-Chlorotoluene	12.786	91	62684	20.303	ug/l	99
83) tert-Butylbenzene	13.005	119	74013	20.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	79650	20.842	ug/l	99
85) sec-Butylbenzene	13.182	105	98630	20.123	ug/l	99
86) p-Isopropyltoluene	13.298	119	88167	20.575	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	43865	21.023	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	42330	20.707	ug/l	98
89) n-Butylbenzene	13.621	91	72816	20.171	ug/l	99
90) Hexachloroethane	13.883	117	15902	19.561	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	37259	20.807	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2361	20.414	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	21965	20.661	ug/l	97
94) Hexachlorobutadiene	15.029	225	16383	20.697	ug/l	98
95) Naphthalene	15.151	128	34561	19.827	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	17939	20.184	ug/l	99

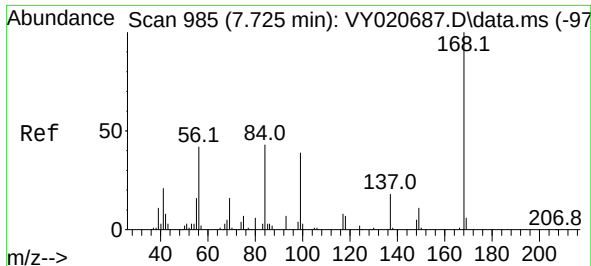
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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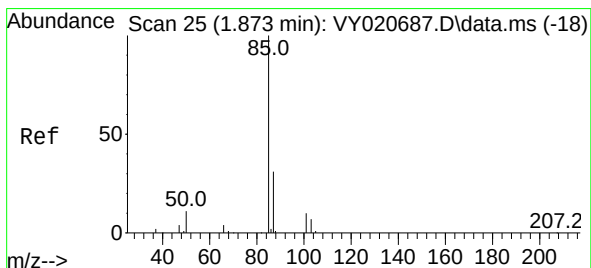
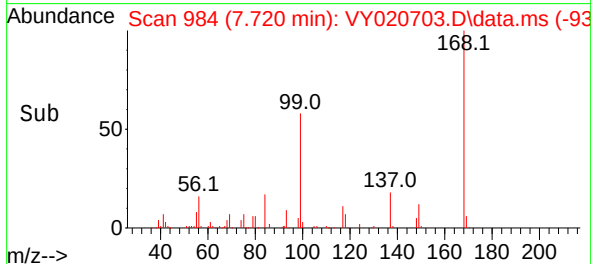
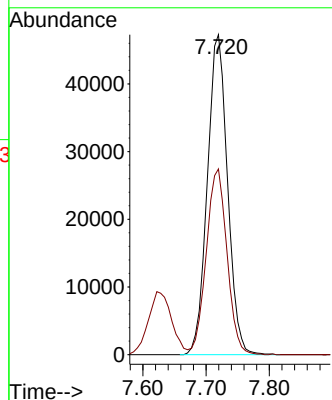
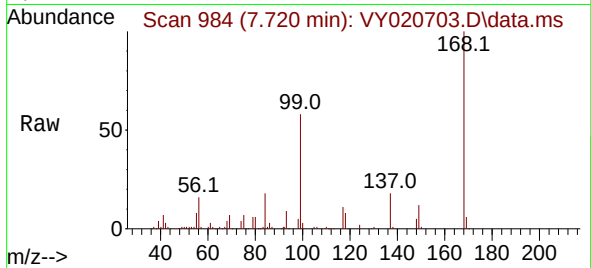
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. -0.005 min
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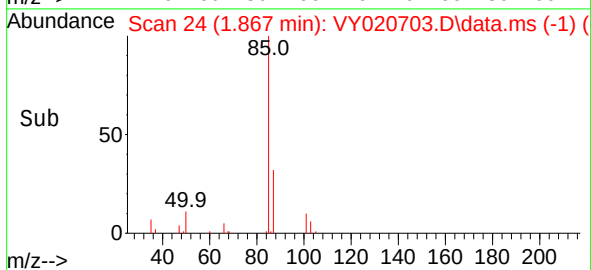
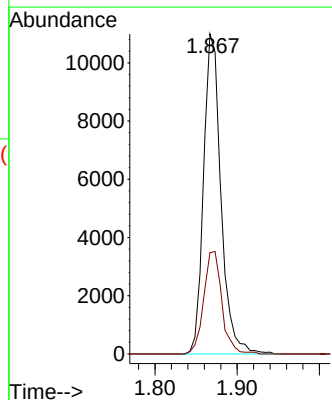
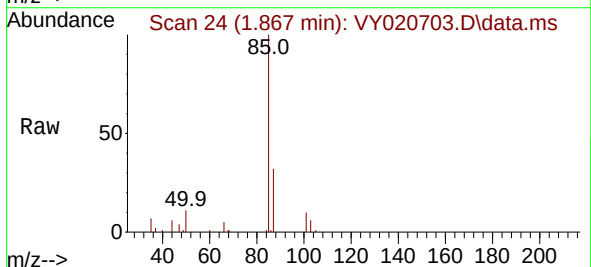
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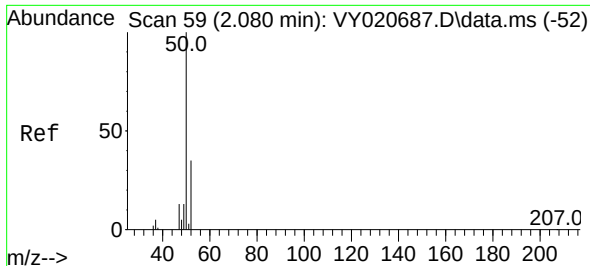
Tgt Ion:168 Resp: 104834
Ion Ratio Lower Upper
168 100
99 58.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 19.999 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 85 Resp: 16152
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.4

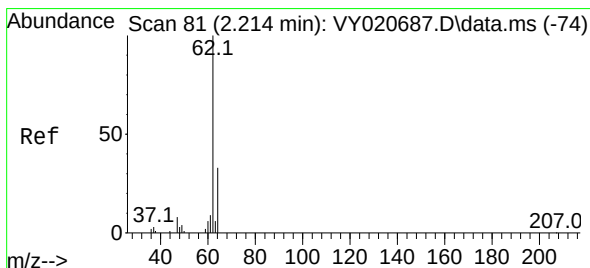
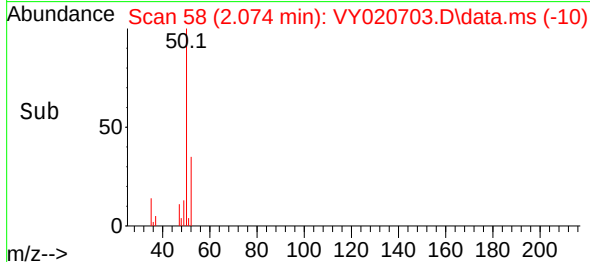
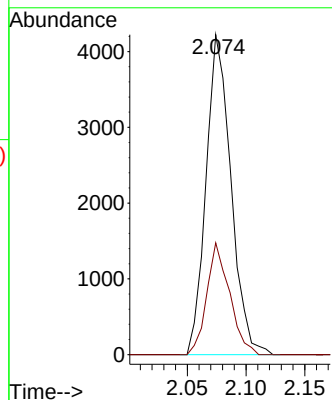
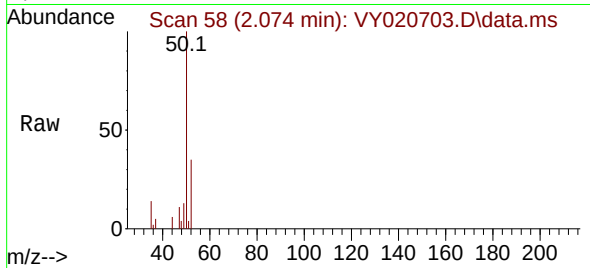




#3
Chloromethane
Concen: 18.943 ug/l
RT: 2.074 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

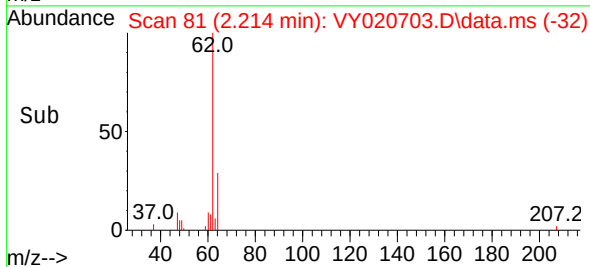
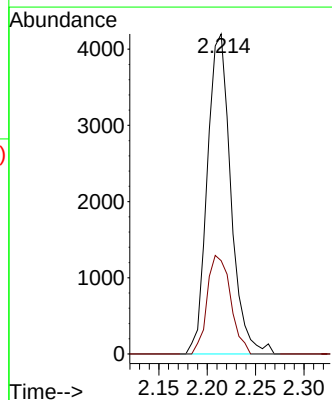
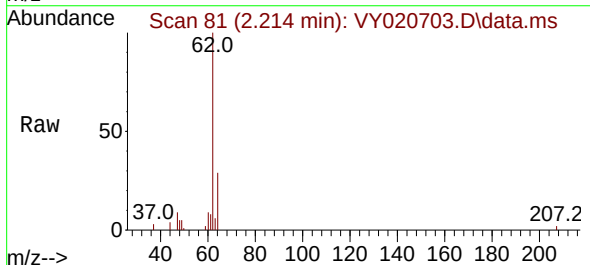
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ClientSampleId :
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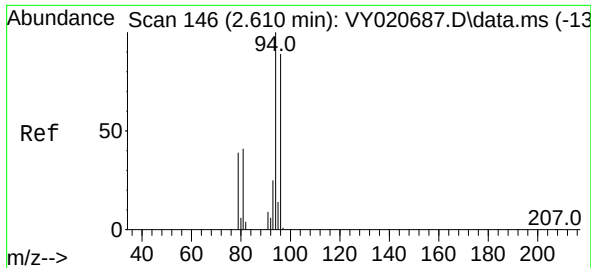
Tgt Ion: 50 Resp: 6233
Ion Ratio Lower Upper
50 100
52 34.9 28.2 42.2



#4
Vinyl Chloride
Concen: 17.709 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 62 Resp: 7104
Ion Ratio Lower Upper
62 100
64 29.1 26.6 40.0

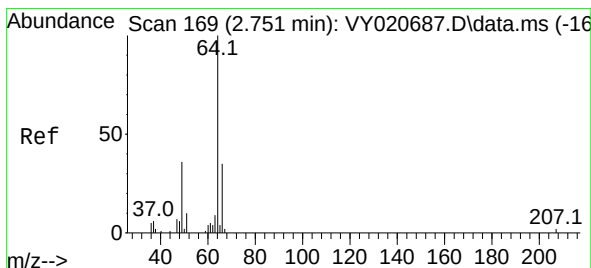
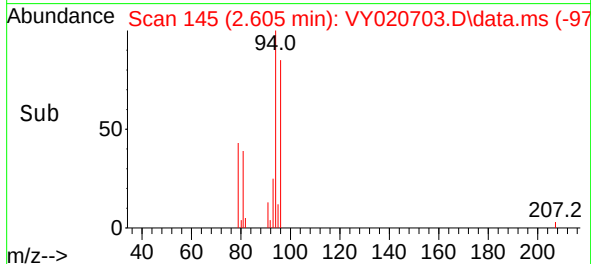
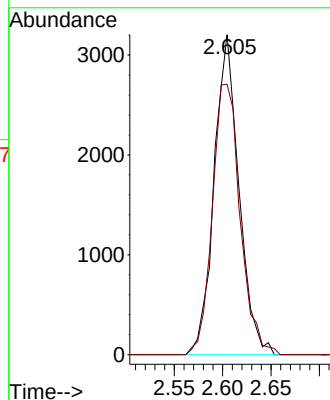
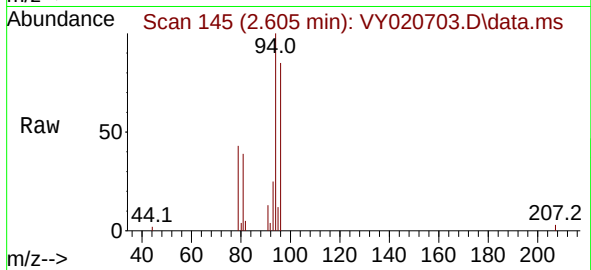




#5
Bromomethane
Concen: 20.171 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

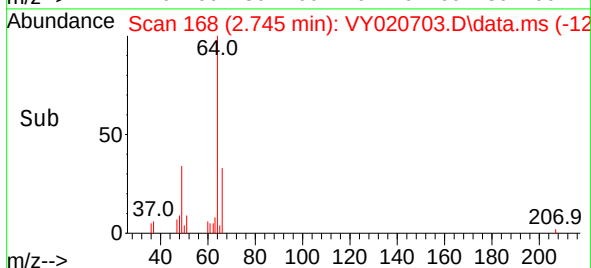
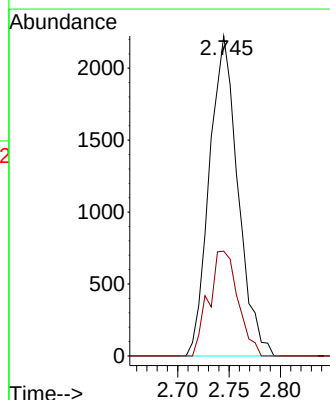
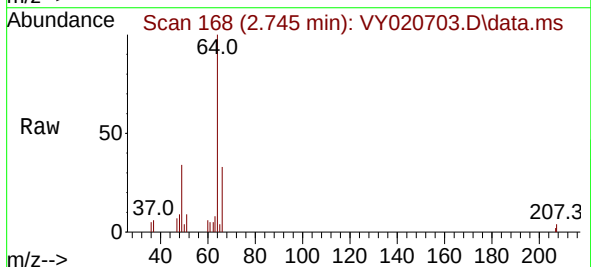
Instrument :
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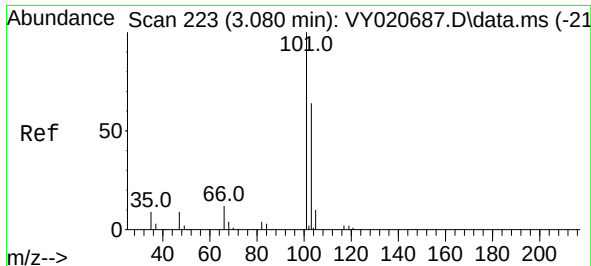
Tgt Ion: 94 Resp: 5714
Ion Ratio Lower Upper
94 100
96 84.5 71.0 106.6



#6
Chloroethane
Concen: 17.632 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 64 Resp: 4299
Ion Ratio Lower Upper
64 100
66 32.7 27.8 41.8

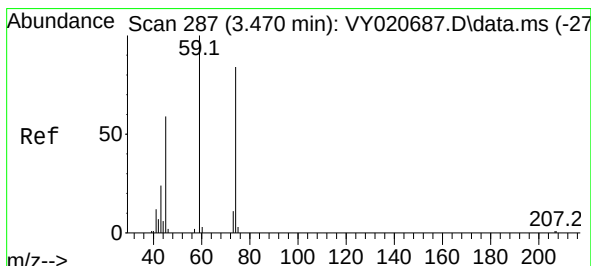
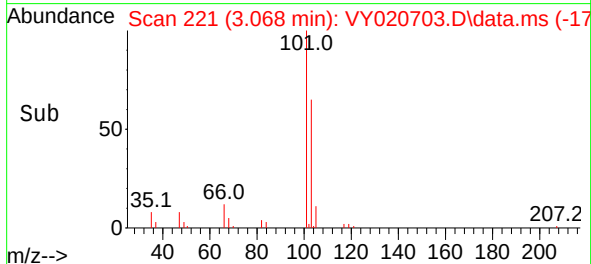
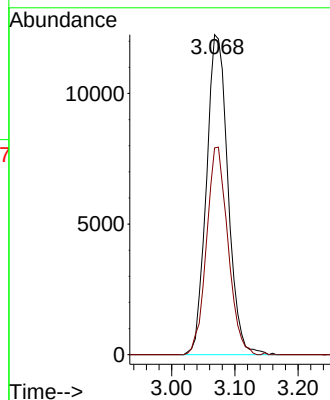
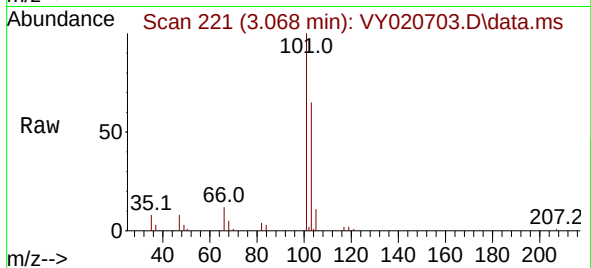




#7
Trichlorofluoromethane
Concen: 20.069 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

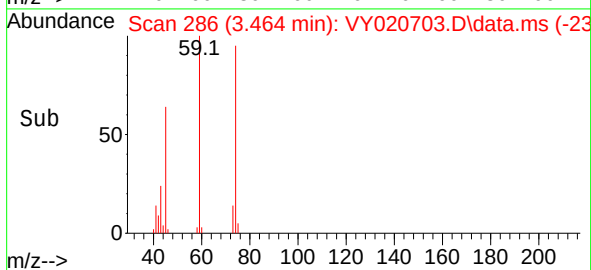
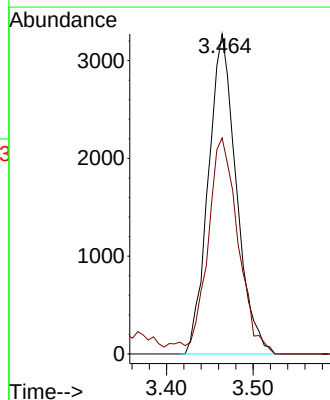
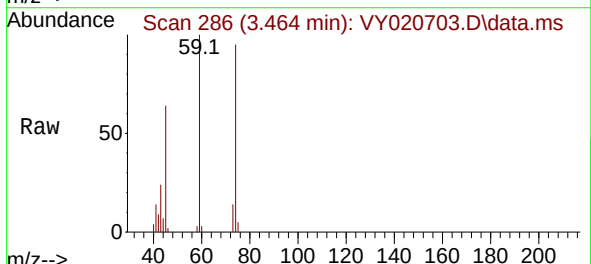
Instrument :
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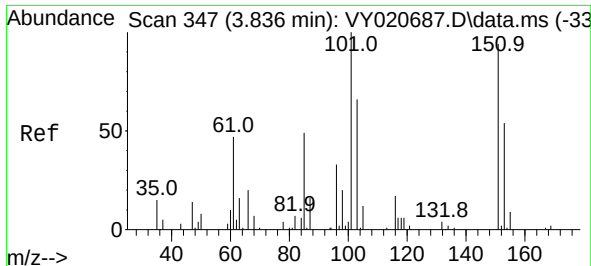
Tgt Ion:101 Resp: 28952
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0



#8
Diethyl Ether
Concen: 21.271 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 74 Resp: 7345
Ion Ratio Lower Upper
74 100
45 74.4 35.8 107.4

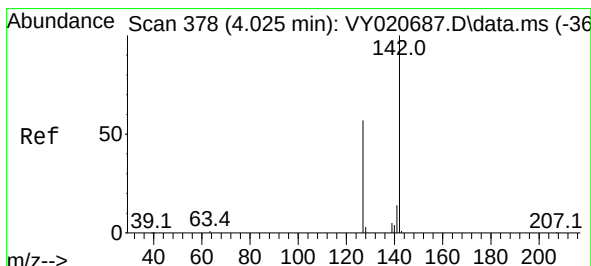
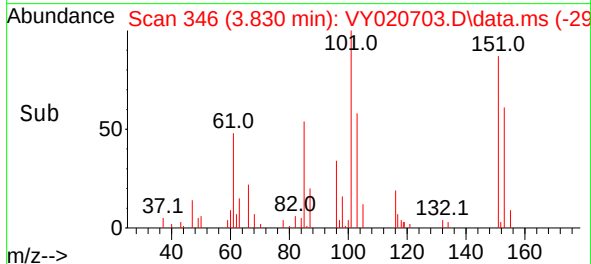
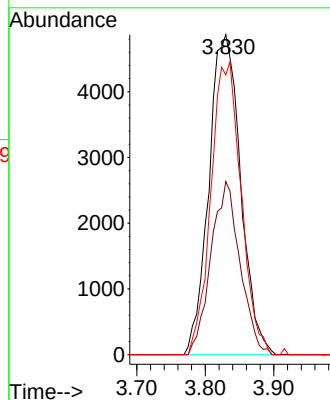
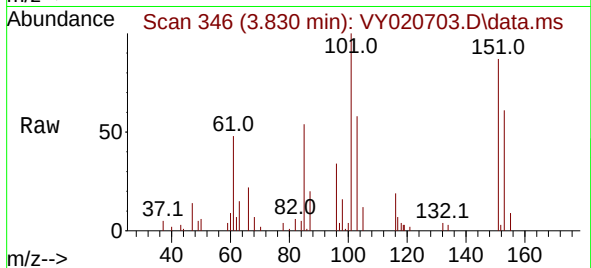




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.863 ug/l
RT: 3.830 min Scan# 347
Delta R.T. -0.006 min
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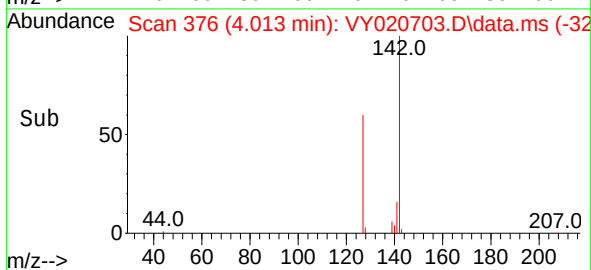
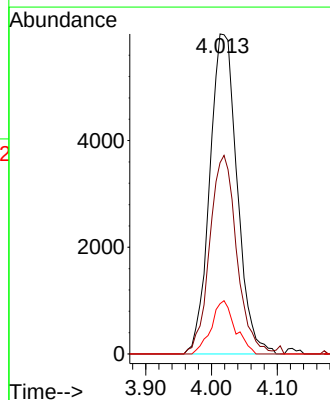
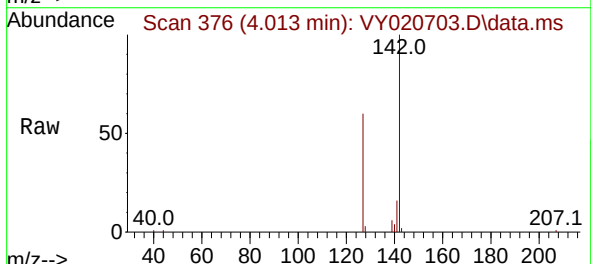
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ClientSampleId :
VY1223SBS01

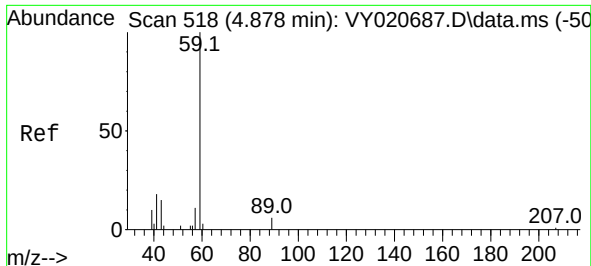
Tgt Ion:101 Resp: 15648
Ion Ratio Lower Upper
101 100
85 49.6 38.2 57.2
151 87.2 68.4 102.6



#10
Methyl Iodide
Concen: 19.168 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion:142 Resp: 17395
Ion Ratio Lower Upper
142 100
127 61.1 48.8 73.2
141 14.5 11.9 17.9

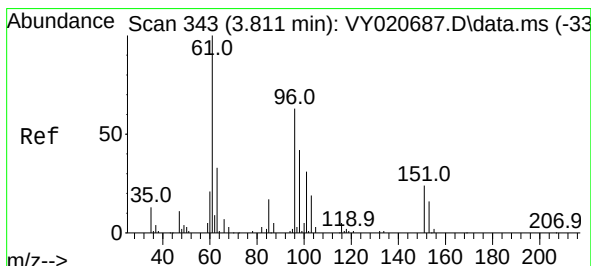
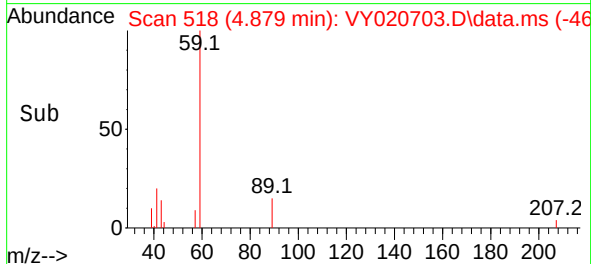
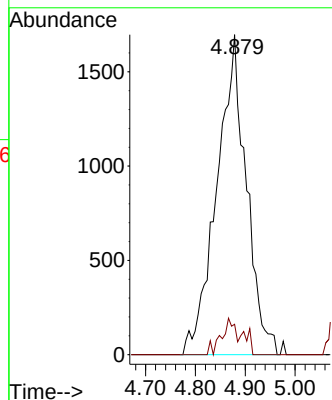
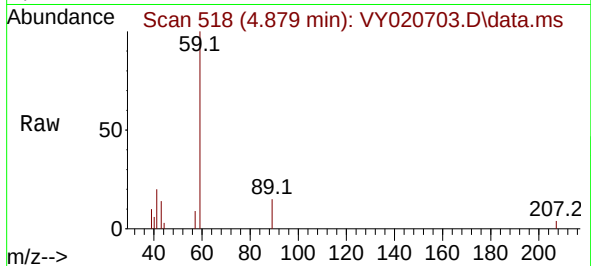




#11
Tert butyl alcohol
Concen: 93.870 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

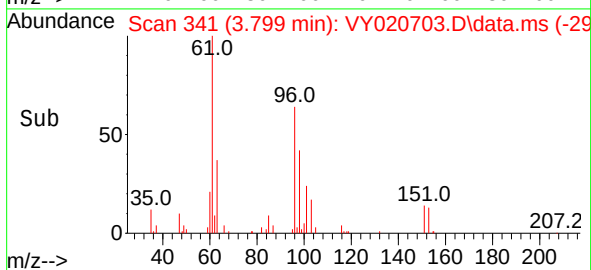
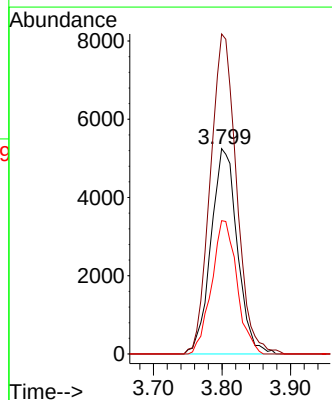
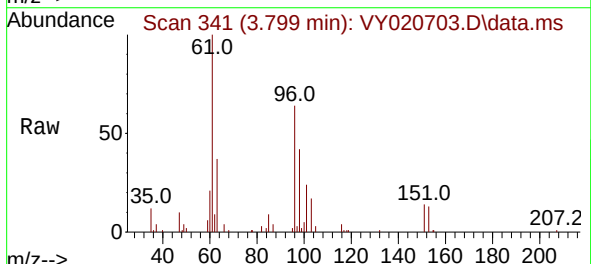
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

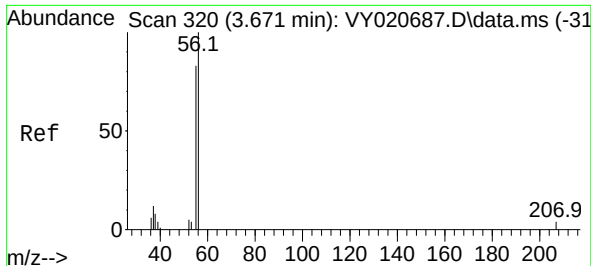
Tgt Ion: 59 Resp: 6977
Ion Ratio Lower Upper
59 100
57 5.9 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 20.040 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 96 Resp: 14011
Ion Ratio Lower Upper
96 100
61 155.9 127.1 190.7
98 65.0 53.4 80.0

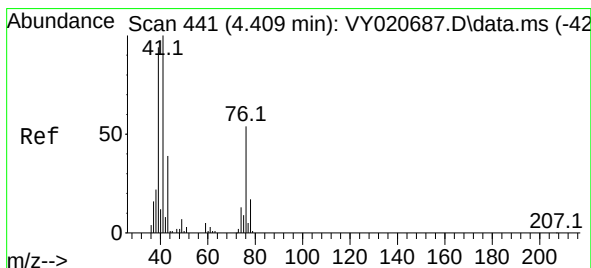
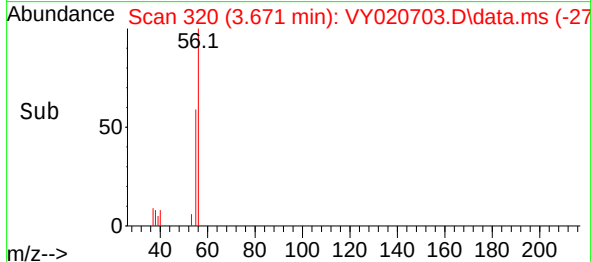
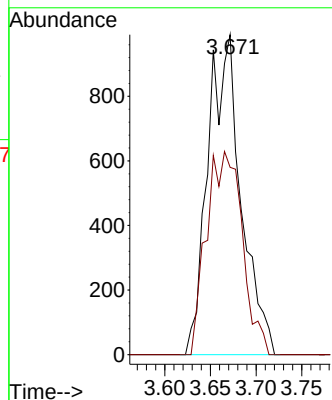
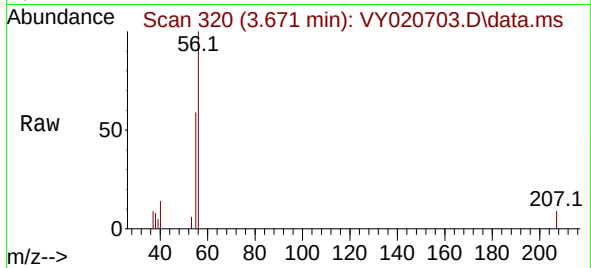




#13
Acrolein
Concen: 141.348 ug/l
RT: 3.671 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

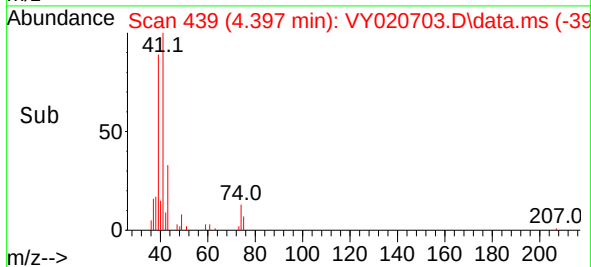
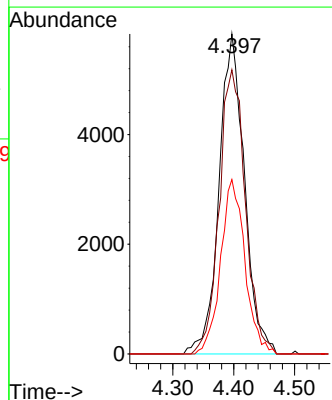
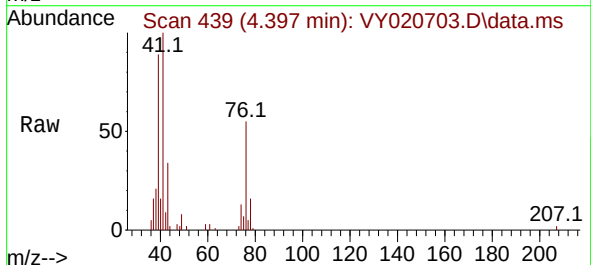
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

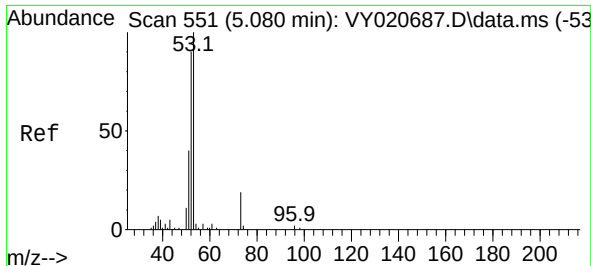
Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
55 68.6 57.0 85.4



#14
Allyl chloride
Concen: 20.562 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 41 Resp: 16858
Ion Ratio Lower Upper
41 100
39 91.2 73.5 110.3
76 52.3 41.8 62.8





#15

Acrylonitrile

Concen: 109.579 ug/l

RT: 5.074 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

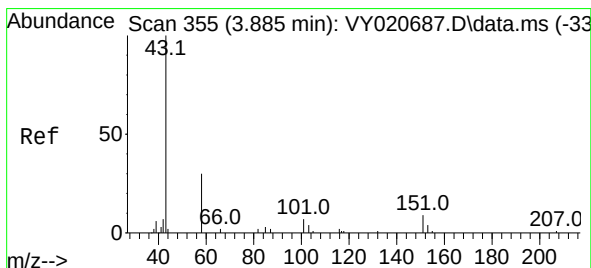
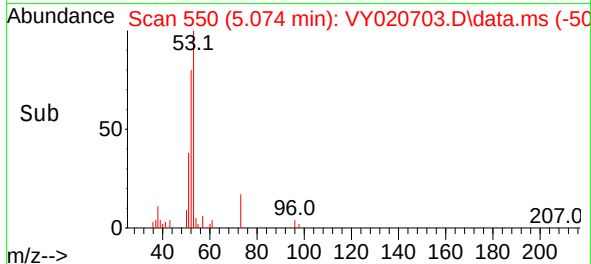
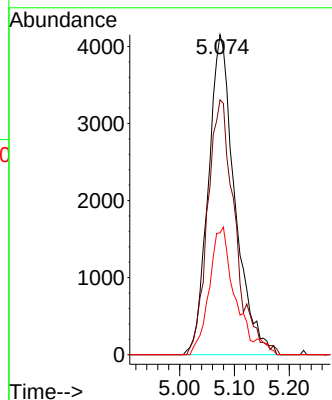
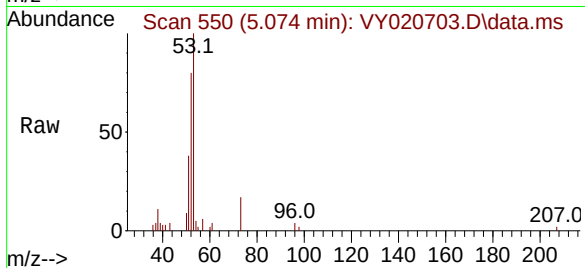
Tgt Ion: 53 Resp: 13947

Ion Ratio Lower Upper

53 100

52 82.4 67.1 100.7

51 37.2 31.4 47.0



#16

Acetone

Concen: 101.056 ug/l

RT: 3.873 min Scan# 353

Delta R.T. -0.012 min

Lab File: VY020703.D

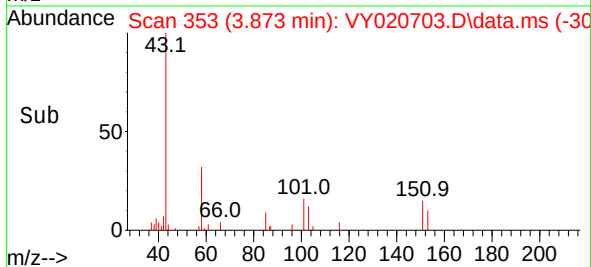
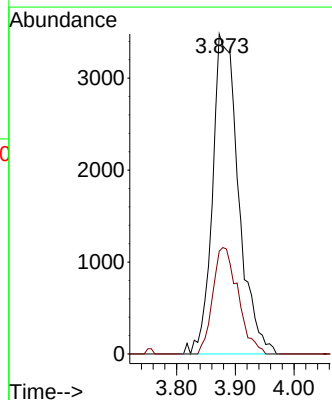
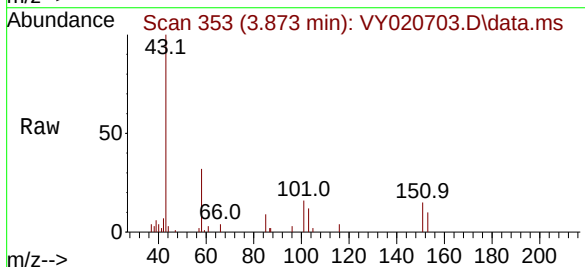
Acq: 23 Dec 2024 19:47

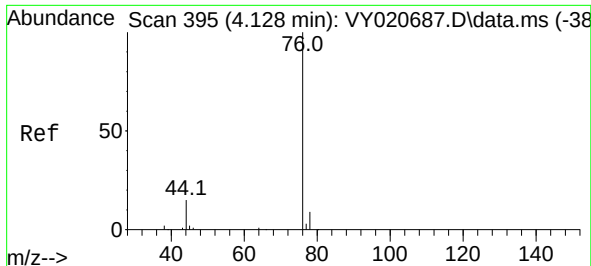
Tgt Ion: 43 Resp: 10717

Ion Ratio Lower Upper

43 100

58 32.2 25.0 37.6





#17

Carbon Disulfide

Concen: 18.937 ug/l

RT: 4.116 min Scan# 393

Delta R.T. -0.012 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

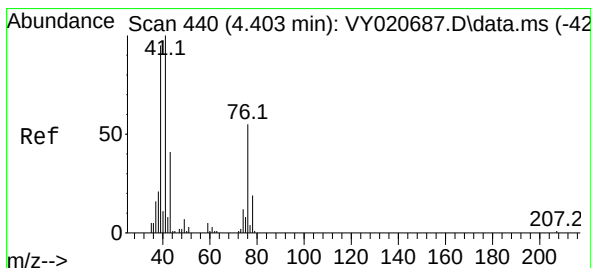
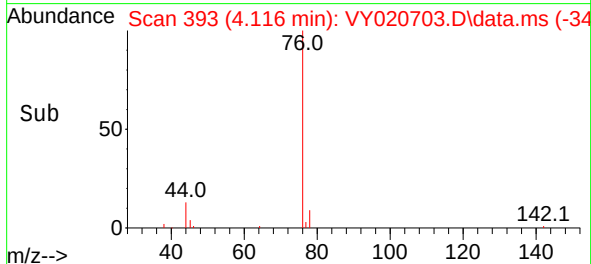
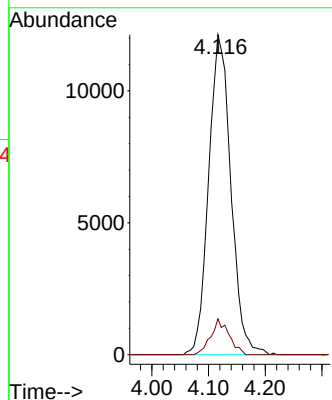
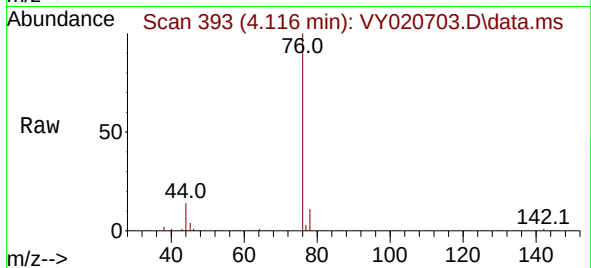
VY1223SBS01

Tgt Ion: 76 Resp: 33010

Ion Ratio Lower Upper

76 100

78 11.2 6.9 10.3#



#18

Methyl Acetate

Concen: 22.535 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.006 min

Lab File: VY020703.D

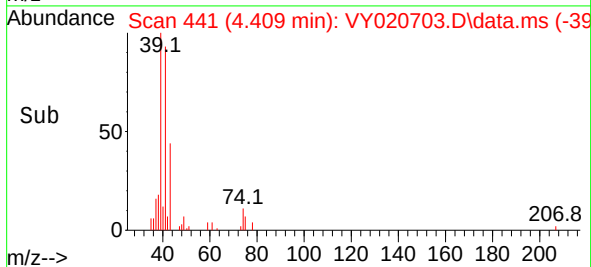
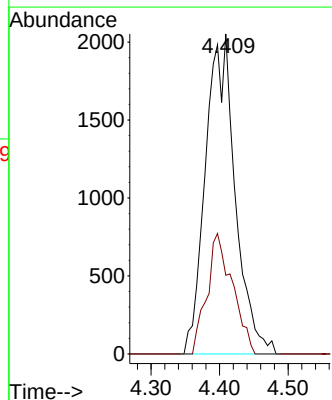
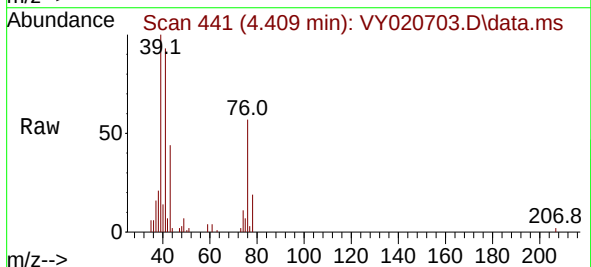
Acq: 23 Dec 2024 19:47

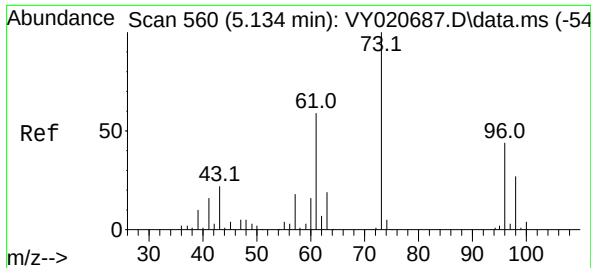
Tgt Ion: 43 Resp: 6183

Ion Ratio Lower Upper

43 100

74 32.2 25.3 37.9

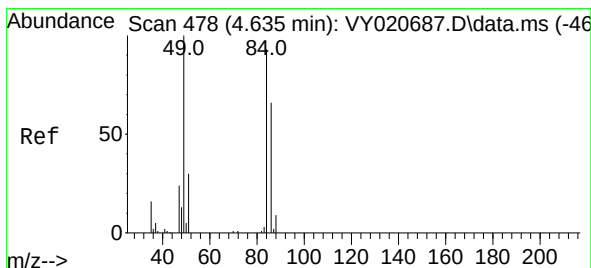
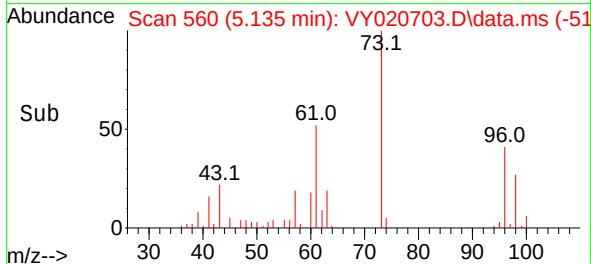
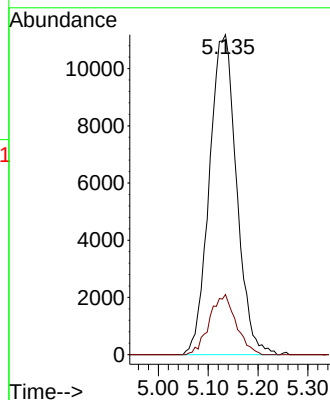
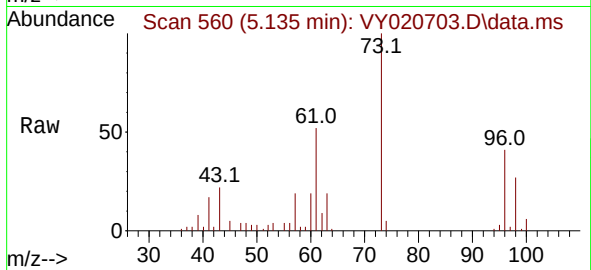




#19
Methyl tert-butyl Ether
Concen: 22.307 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

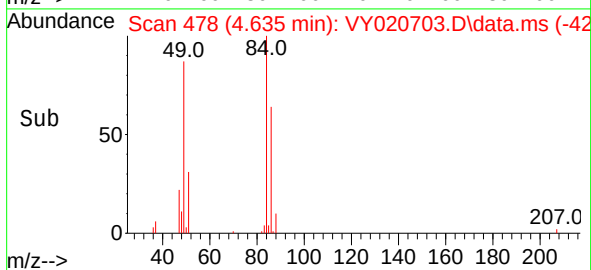
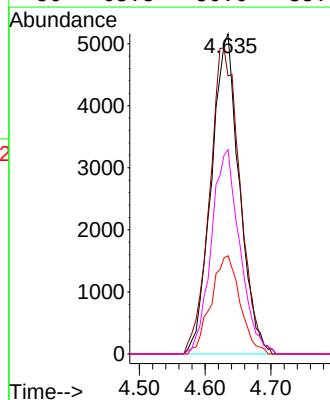
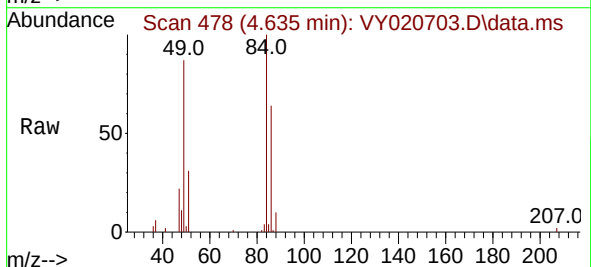
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

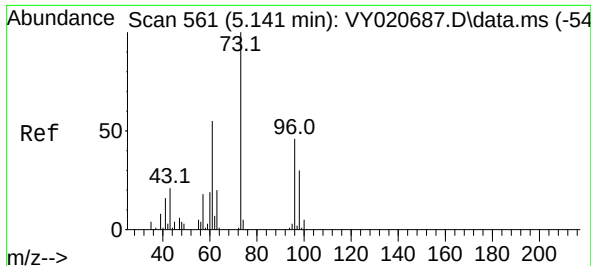
Tgt Ion: 73 Resp: 42423
Ion Ratio Lower Upper
73 100
57 18.8 14.4 21.6



#20
Methylene Chloride
Concen: 21.633 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 84 Resp: 15288
Ion Ratio Lower Upper
84 100
49 86.9 86.4 129.6
51 30.7 25.5 38.3
86 63.8 56.6 85.0

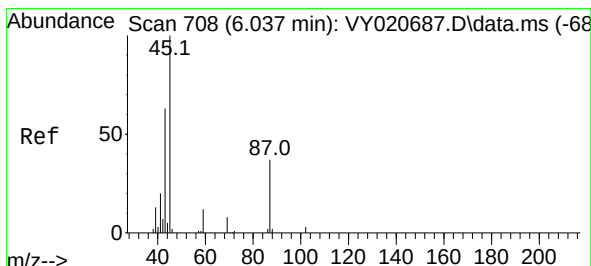
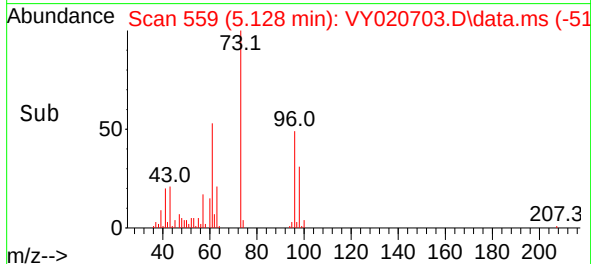
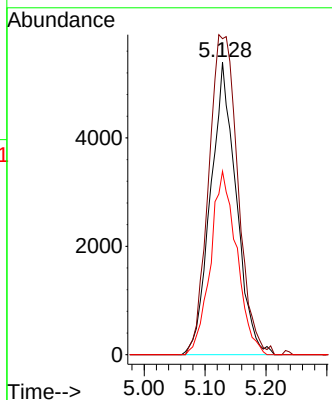
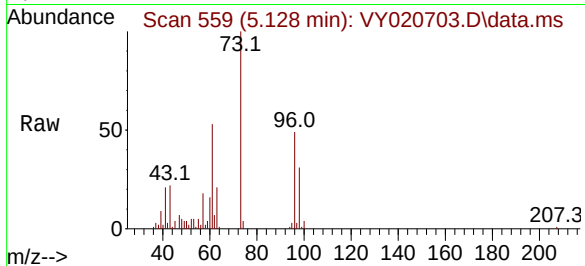




#21
trans-1,2-Dichloroethene
Concen: 20.956 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

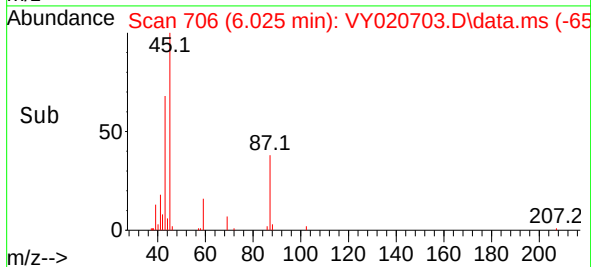
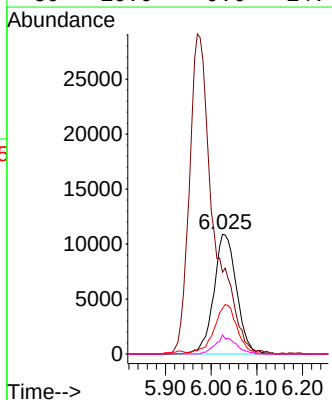
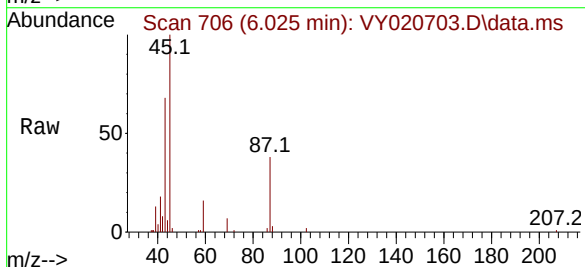
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

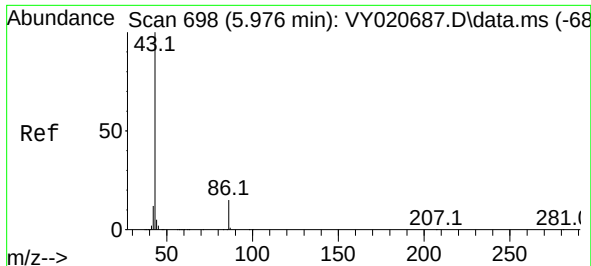
Tgt Ion: 96 Resp: 15798
Ion Ratio Lower Upper
96 100
61 108.1 96.1 144.1
98 62.7 52.7 79.1



#22
Diisopropyl ether
Concen: 22.479 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 45 Resp: 37677
Ion Ratio Lower Upper
45 100
43 68.4 51.3 76.9
87 38.1 30.6 46.0
59 16.0 9.6 14.4#

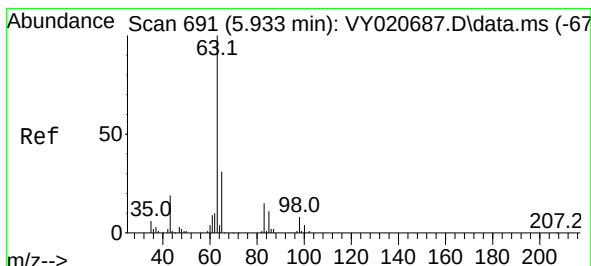
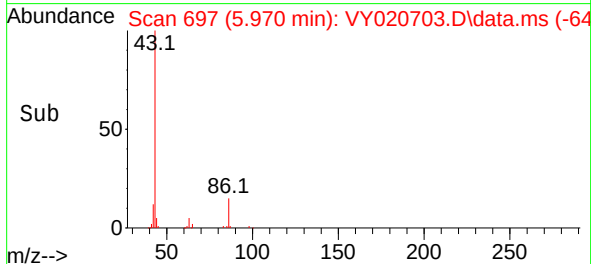
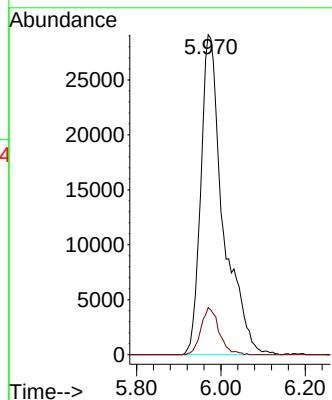
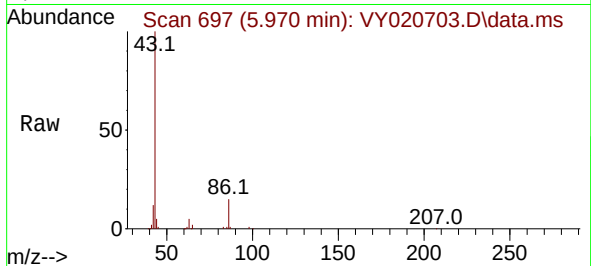




#23
 Vinyl Acetate
 Concen: 108.272 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY020703.D
 Acq: 23 Dec 2024 19:47

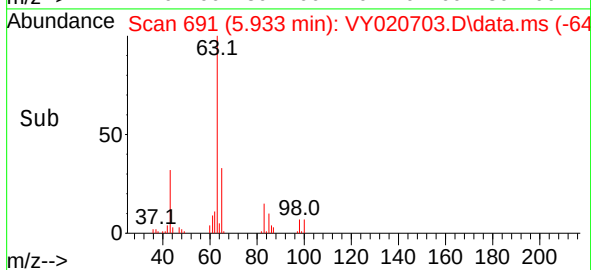
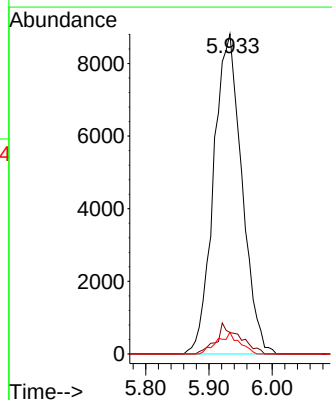
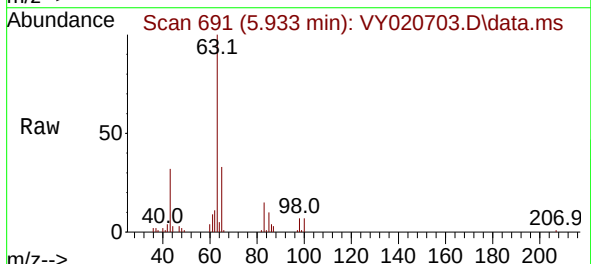
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

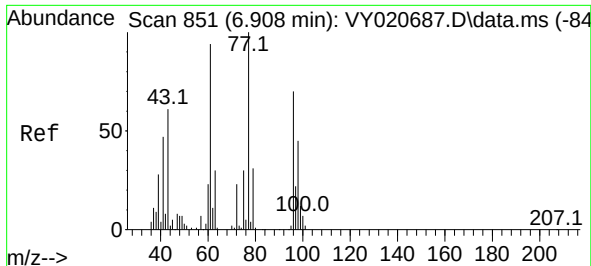
Tgt Ion: 43 Resp: 107461
 Ion Ratio Lower Upper
 43 100
 86 14.7 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 21.882 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020703.D
 Acq: 23 Dec 2024 19:47

Tgt Ion: 63 Resp: 27342
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.0
 100 6.8 2.1 6.2#





#25

2-Butanone

Concen: 105.199 ug/l

RT: 6.903 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

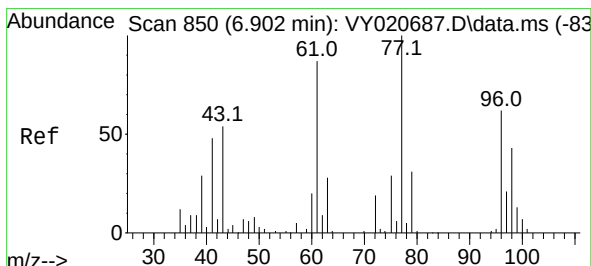
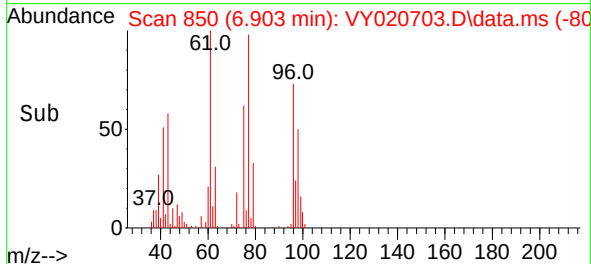
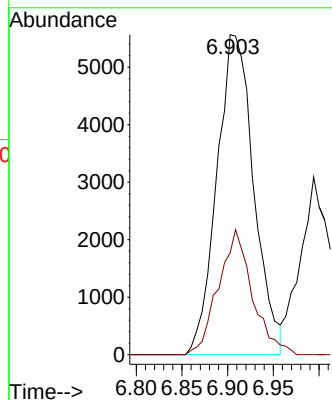
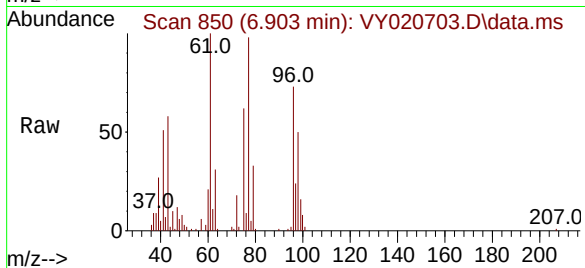
VY1223SBS01

Tgt Ion: 43 Resp: 15672

Ion Ratio Lower Upper

43 100

72 31.8 29.5 44.3



#26

2,2-Dichloropropane

Concen: 20.024 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020703.D

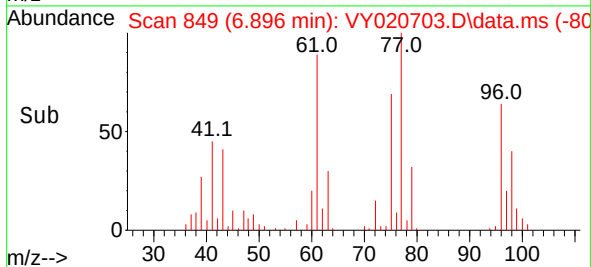
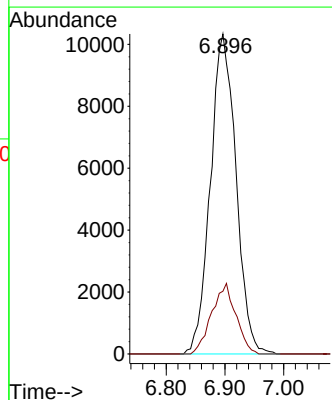
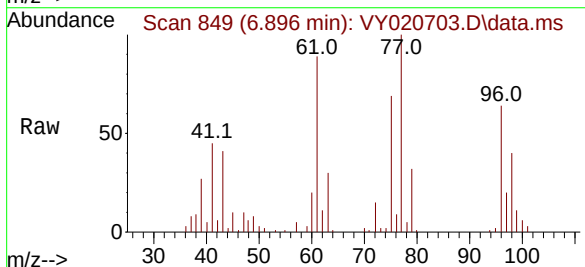
Acq: 23 Dec 2024 19:47

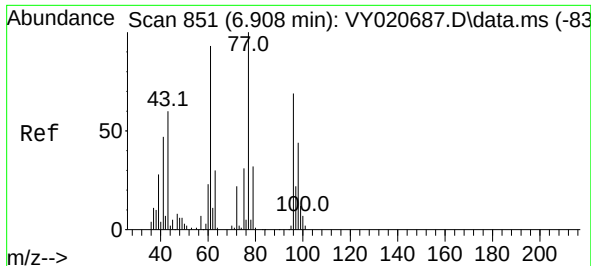
Tgt Ion: 77 Resp: 31303

Ion Ratio Lower Upper

77 100

97 20.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 22.020 ug/l

RT: 6.903 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY020703.D

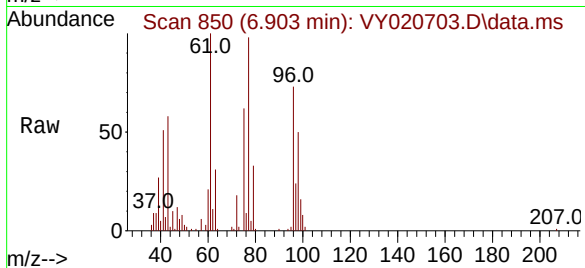
Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01



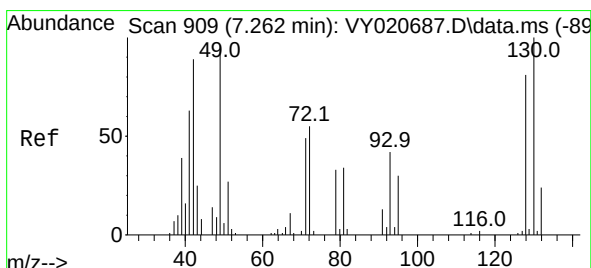
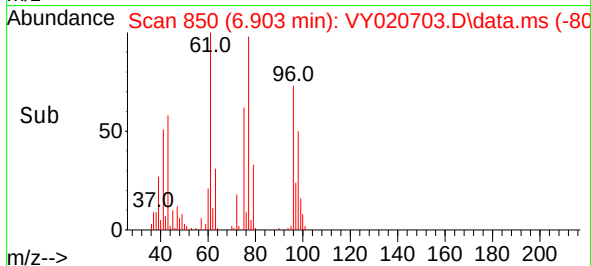
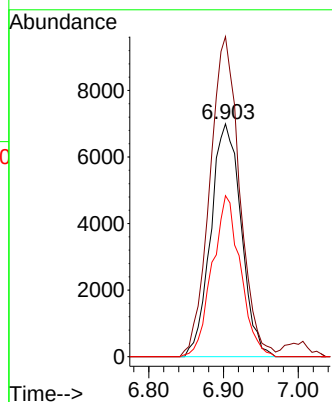
Tgt Ion: 96 Resp: 19772

Ion	Ratio	Lower	Upper
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96	100		
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61	135.1	0.0	277.2
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98	64.4	0.0	131.0
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#28

Bromochloromethane

Concen: 19.677 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

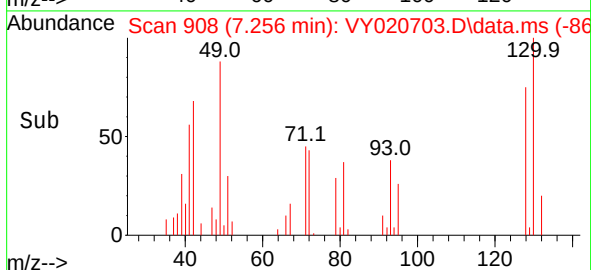
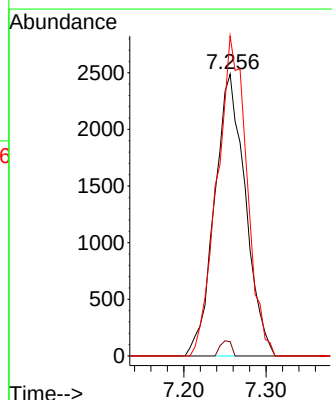
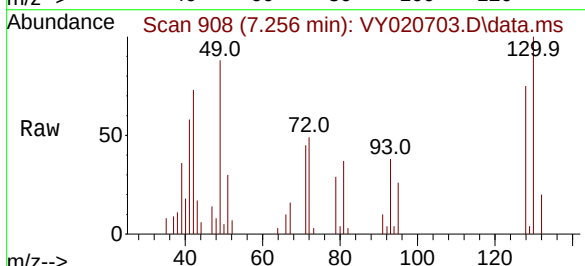
Tgt Ion: 49 Resp: 6466

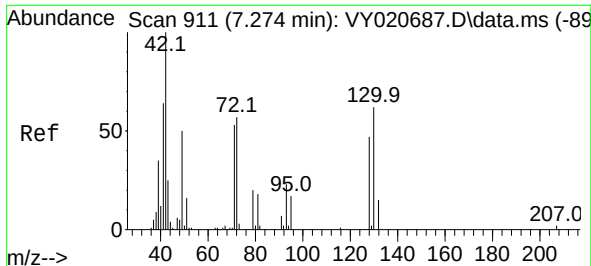
Ion	Ratio	Lower	Upper
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49	100		
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129	2.0	0.0	5.4
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130	109.6	87.2	130.8
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#29

Tetrahydrofuran

Concen: 108.884 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBSD01

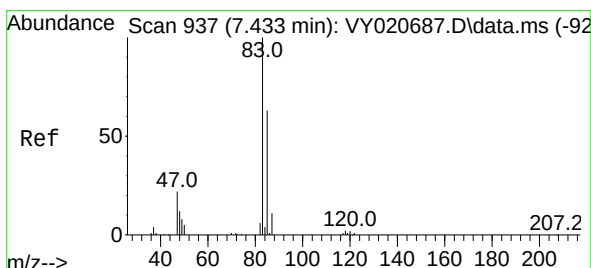
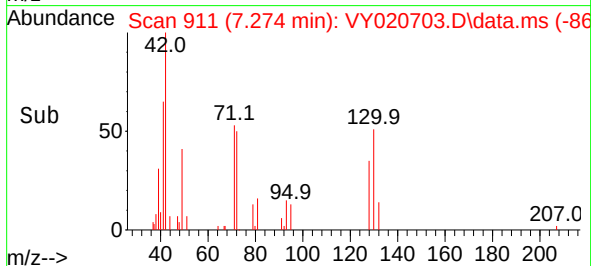
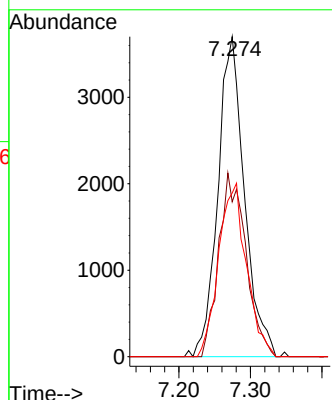
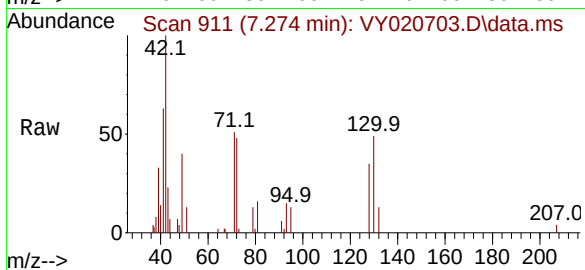
Tgt Ion: 42 Resp: 9534

Ion Ratio Lower Upper

42 100

72 59.0 47.4 71.0

71 56.9 42.8 64.2



#30

Chloroform

Concen: 21.222 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.006 min

Lab File: VY020703.D

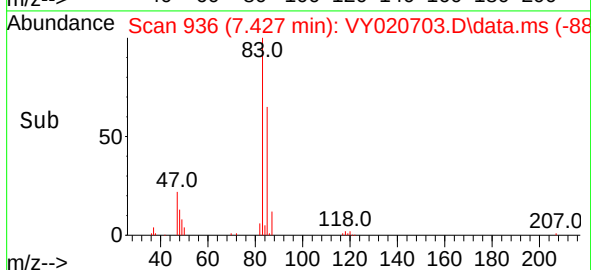
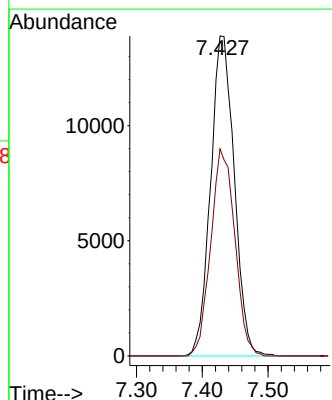
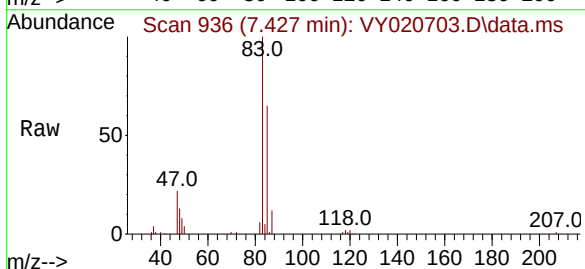
Acq: 23 Dec 2024 19:47

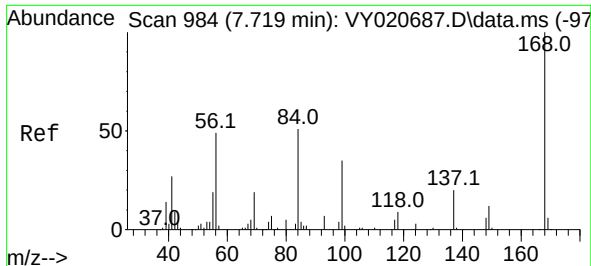
Tgt Ion: 83 Resp: 34856

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.2

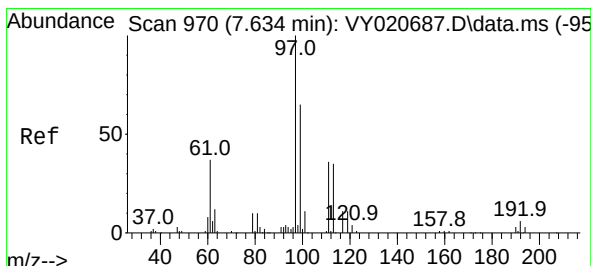
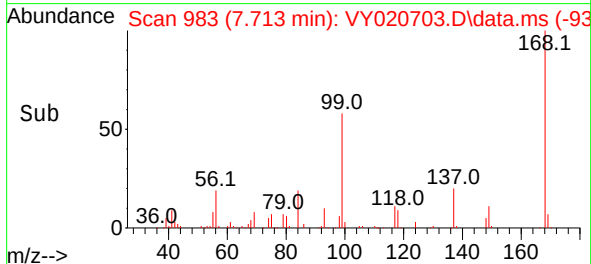
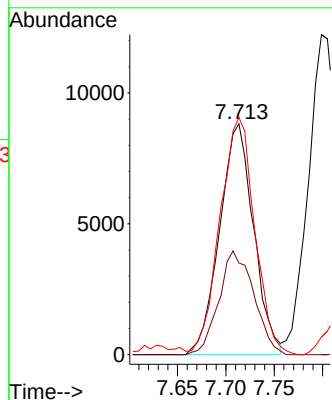
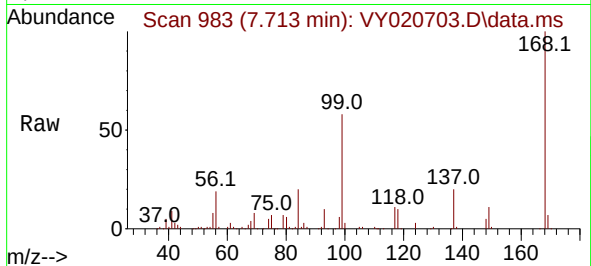




#31
Cyclohexane
Concen: 19.666 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

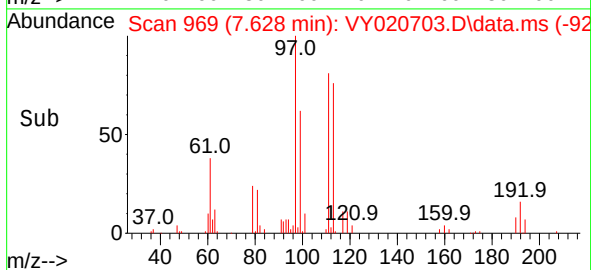
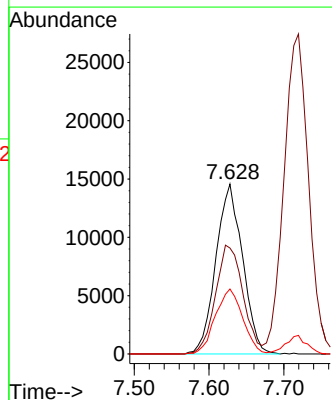
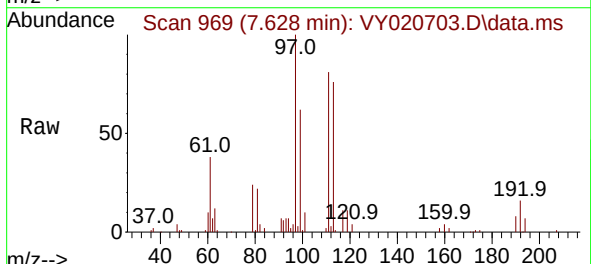
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

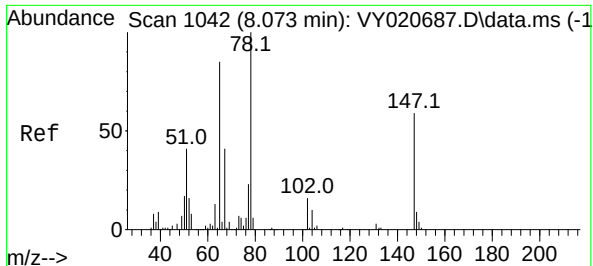
Tgt Ion: 56 Resp: 21545
Ion Ratio Lower Upper
56 100
69 39.7 31.3 46.9
84 99.7 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 21.120 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 97 Resp: 36239
Ion Ratio Lower Upper
97 100
99 66.0 51.0 76.6
61 39.2 30.0 45.0

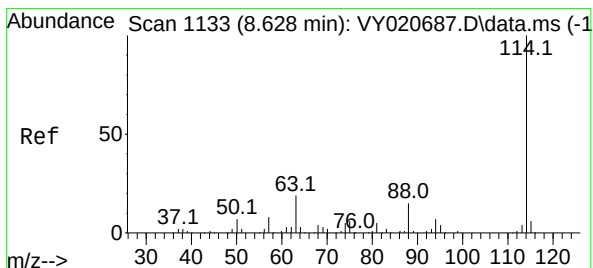
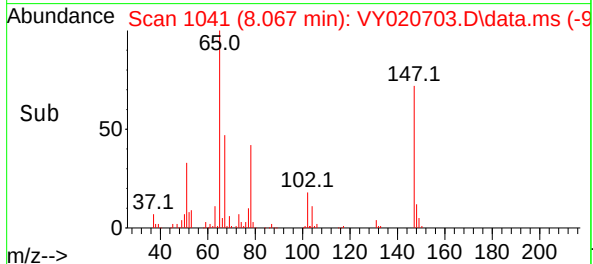
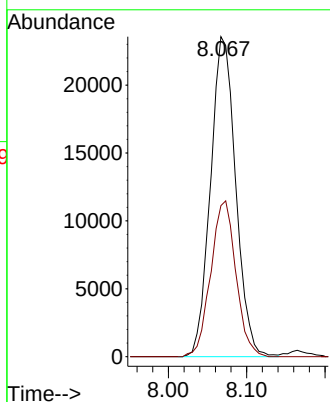
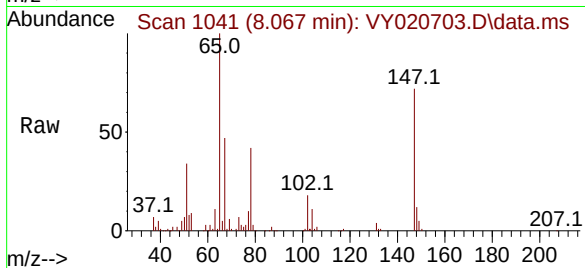




#33
1,2-Dichloroethane-d4
Concen: 56.819 ug/l
RT: 8.067 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

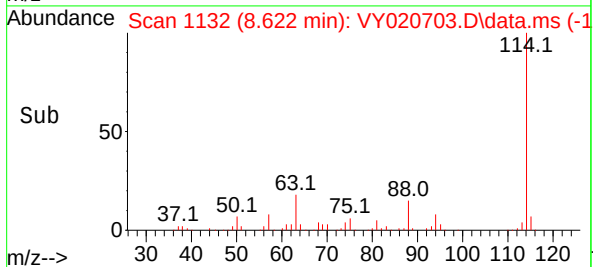
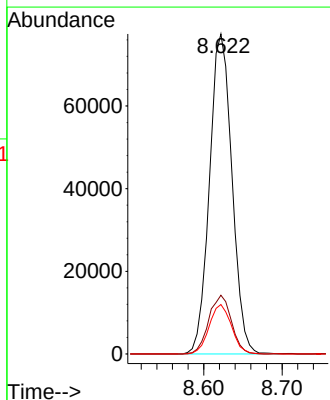
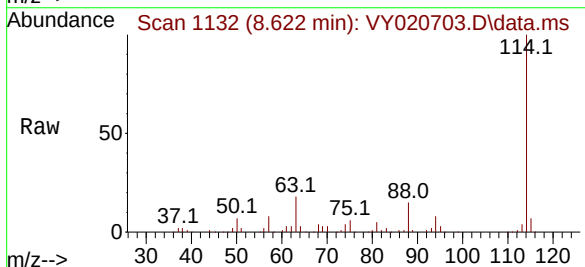
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBSD01

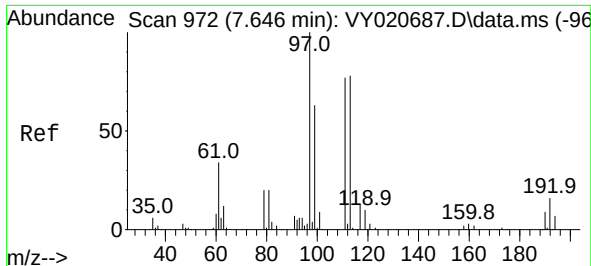
Tgt Ion: 65 Resp: 52754
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 114 Resp: 154339
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.141 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBSD01

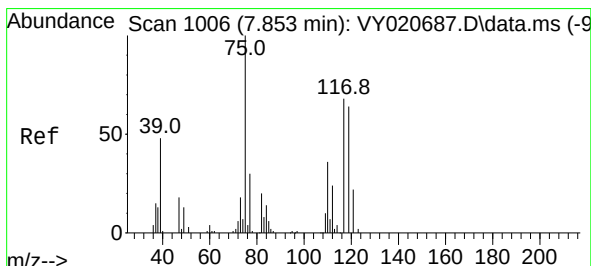
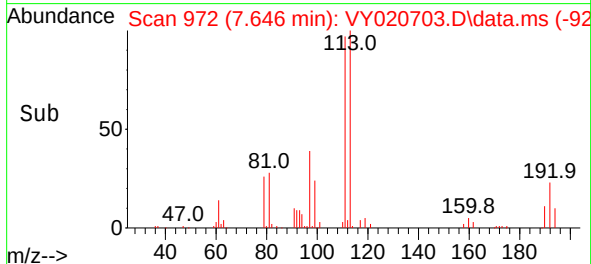
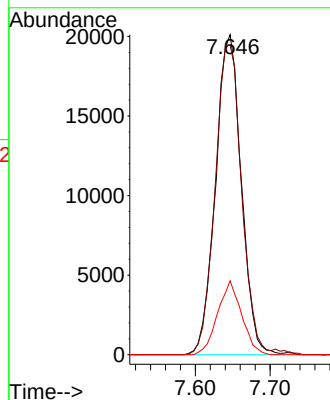
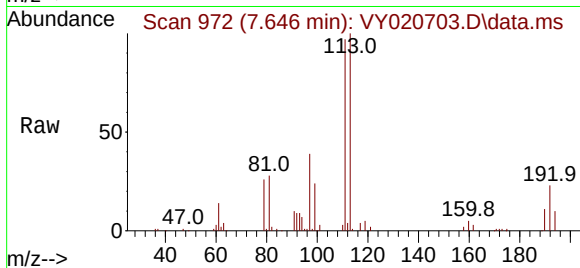
Tgt Ion:113 Resp: 48159

Ion Ratio Lower Upper

113 100

111 99.6 79.8 119.8

192 21.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 20.061 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.012 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

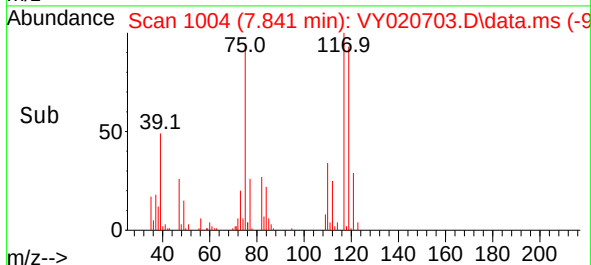
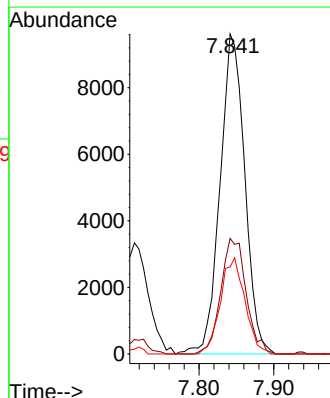
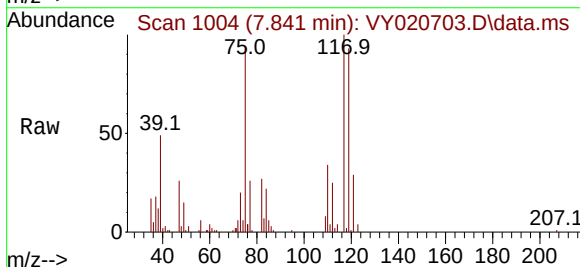
Tgt Ion: 75 Resp: 22098

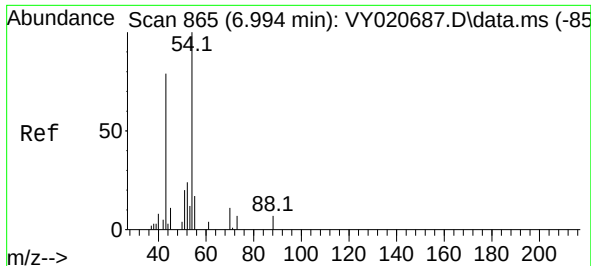
Ion Ratio Lower Upper

75 100

110 37.1 19.6 58.7

77 29.9 25.1 37.7





#37

Ethyl Acetate

Concen: 20.609 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBSD01

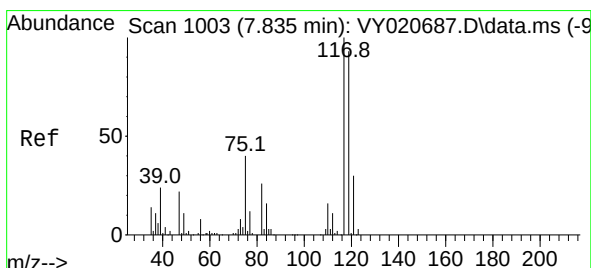
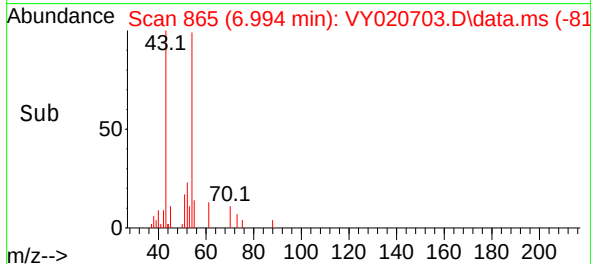
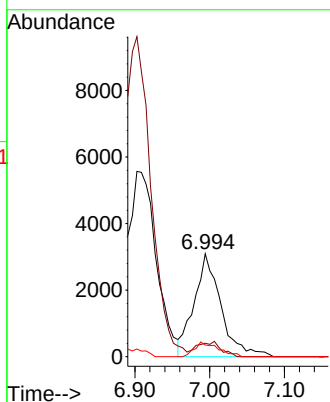
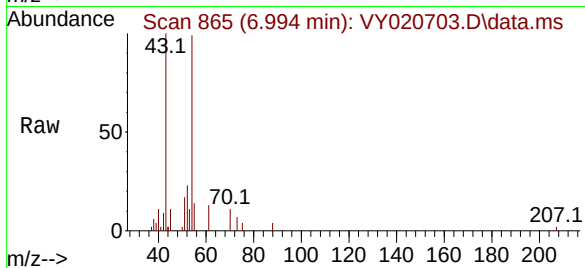
Tgt Ion: 43 Resp: 7719

Ion Ratio Lower Upper

43 100

61 13.2 11.7 17.5

70 12.5 11.0 16.4



#38

Carbon Tetrachloride

Concen: 19.755 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

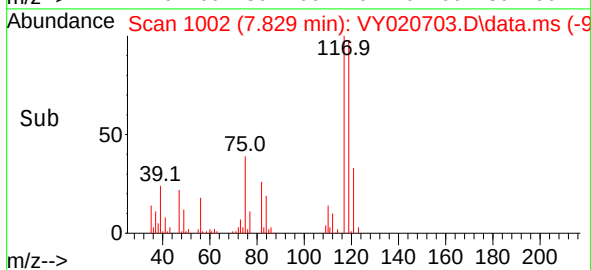
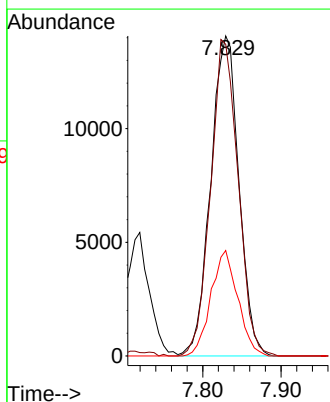
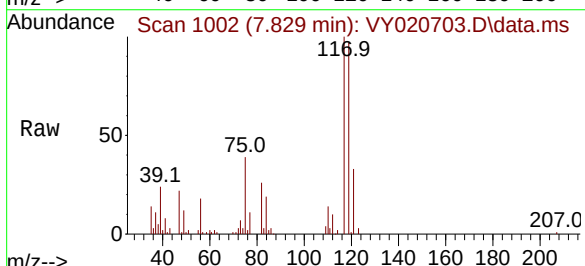
Tgt Ion: 117 Resp: 35214

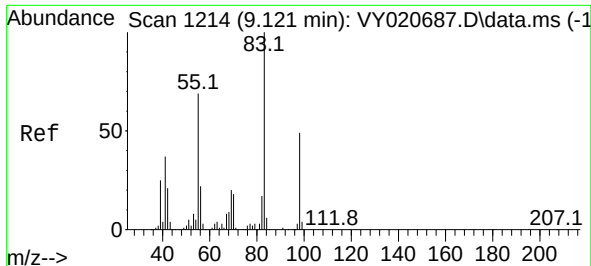
Ion Ratio Lower Upper

117 100

119 97.4 74.4 111.6

121 33.0 24.2 36.2





#39

Methylcyclohexane

Concen: 19.641 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020703.D

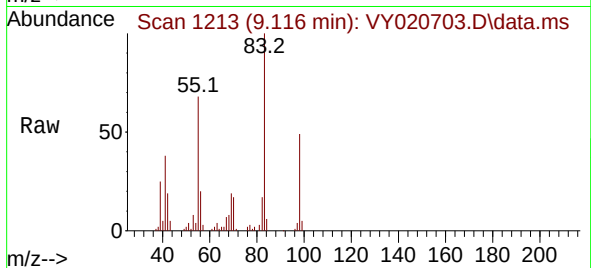
Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

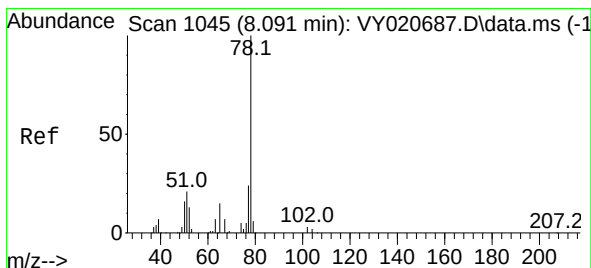
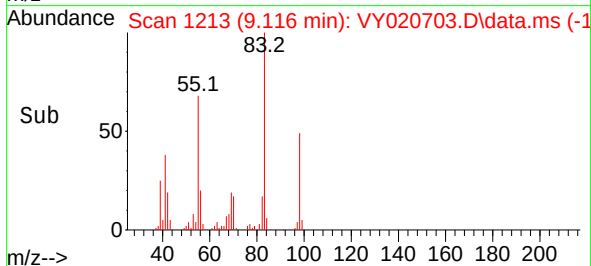
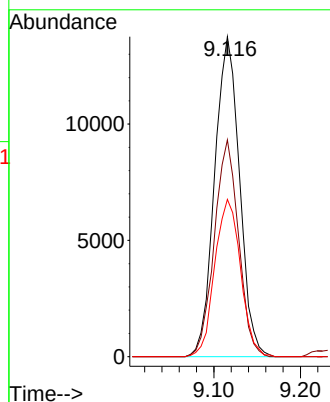
ClientSampleId :

VY1223SBSD01



Tgt Ion: 83 Resp: 27500

Ion	Ratio	Lower	Upper
83	100		
55	67.8	55.0	82.4
98	49.1	39.0	58.6



#40

Benzene

Concen: 20.474 ug/l

RT: 8.085 min Scan# 1044

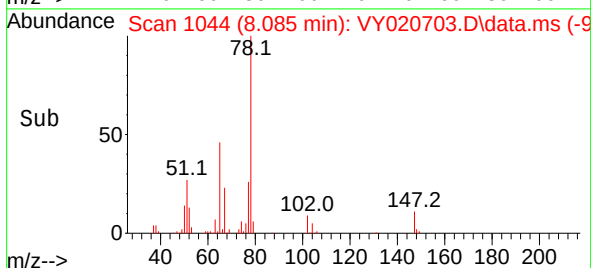
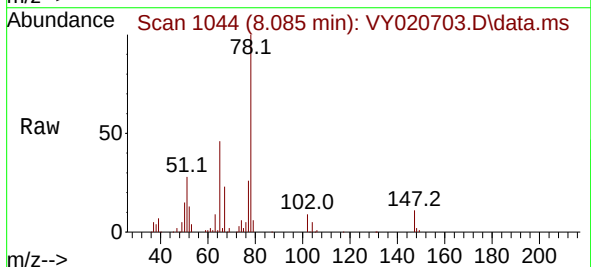
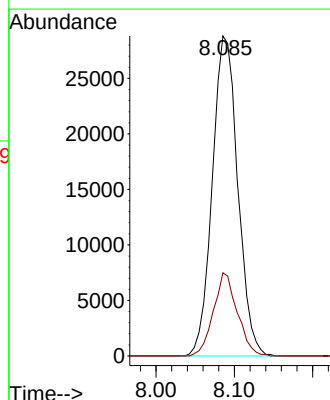
Delta R.T. -0.006 min

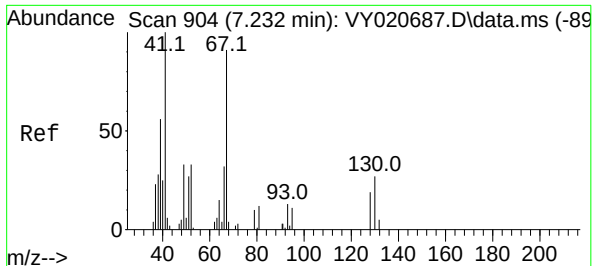
Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Tgt Ion: 78 Resp: 65063

Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.2	28.8

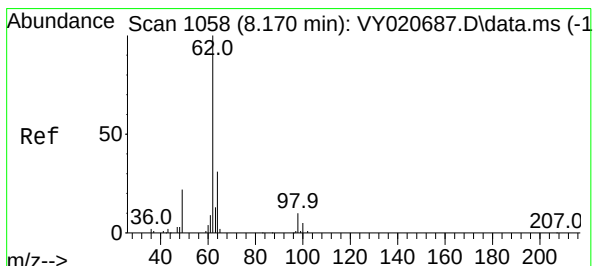
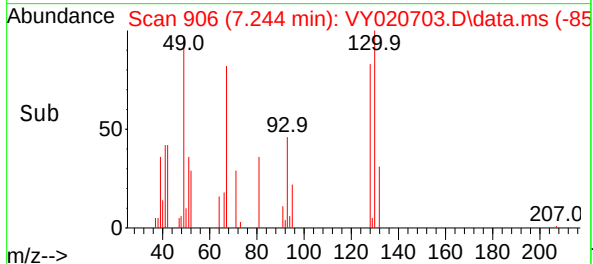
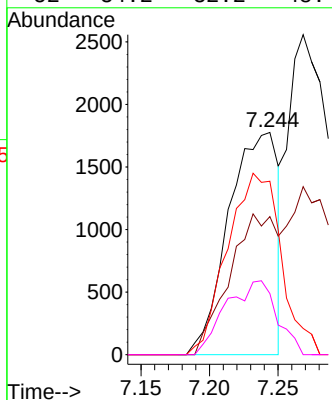
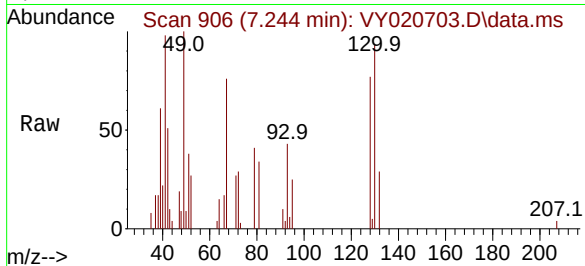




#41
Methacrylonitrile
Concen: 21.838 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

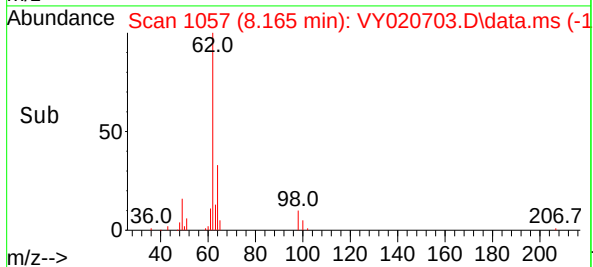
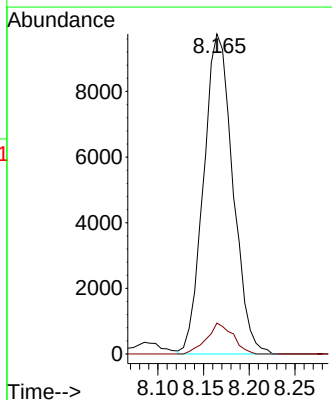
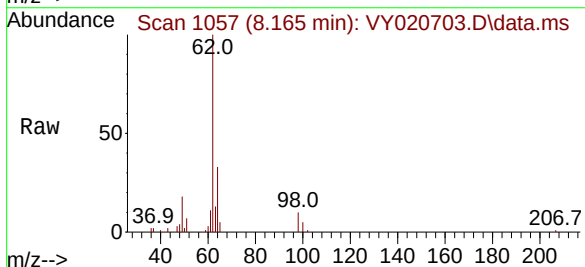
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

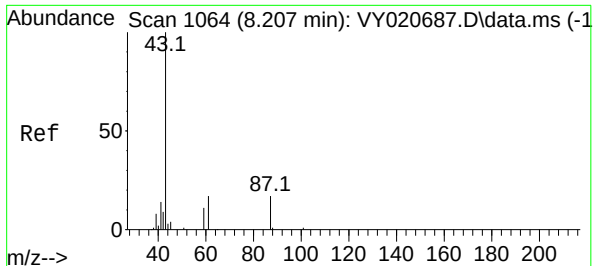
Tgt Ion: 41	Resp: 4454
Ion Ratio	Lower Upper
41 100	
39 61.2	46.6 70.0
67 88.7	74.7 112.1
52 34.2	32.2 48.4



#42
1,2-Dichloroethane
Concen: 21.495 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 62	Resp: 21724
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 16.6





#43

Isopropyl Acetate

Concen: 21.172 ug/l

RT: 8.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

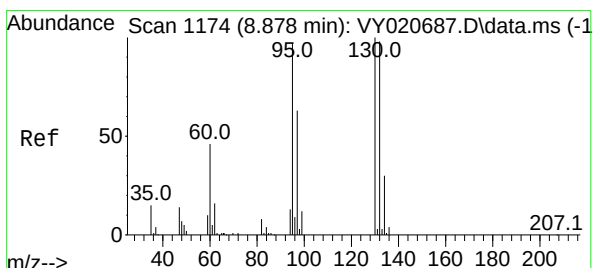
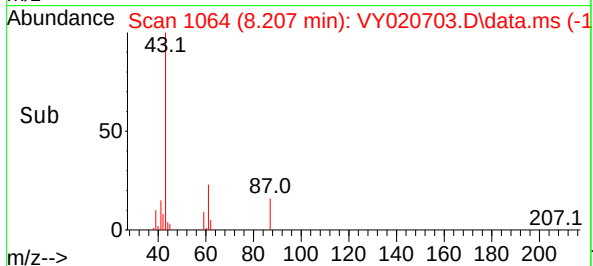
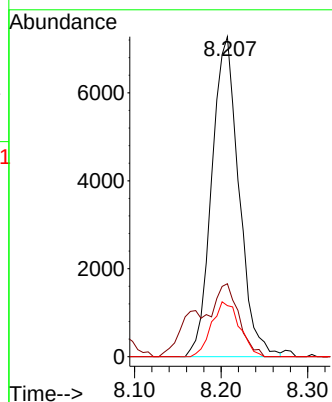
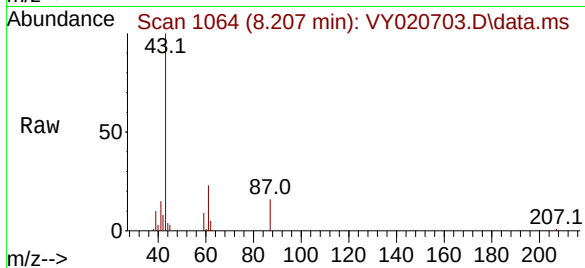
Tgt Ion: 43 Resp: 15842

Ion Ratio Lower Upper

43 100

61 18.8 27.0 40.4#

87 17.7 14.2 21.4



#44

Trichloroethene

Concen: 19.707 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VY020703.D

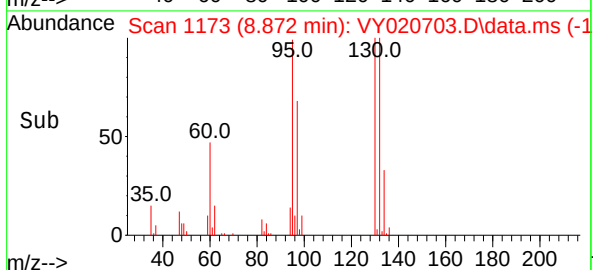
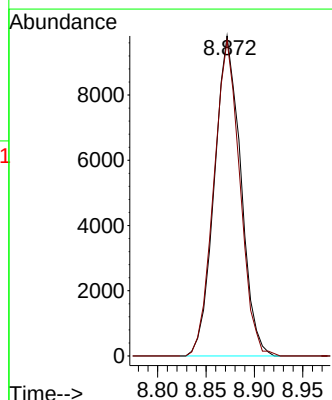
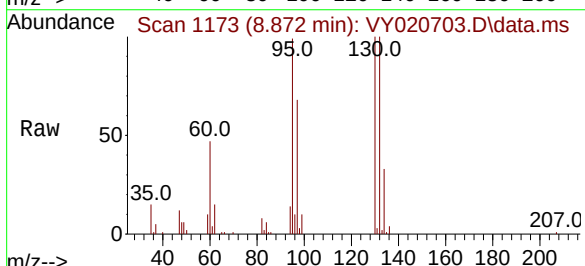
Acq: 23 Dec 2024 19:47

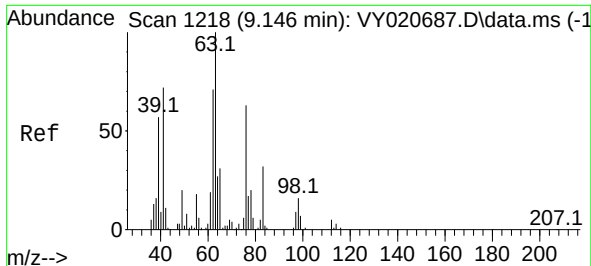
Tgt Ion:130 Resp: 18586

Ion Ratio Lower Upper

130 100

95 98.6 0.0 194.8

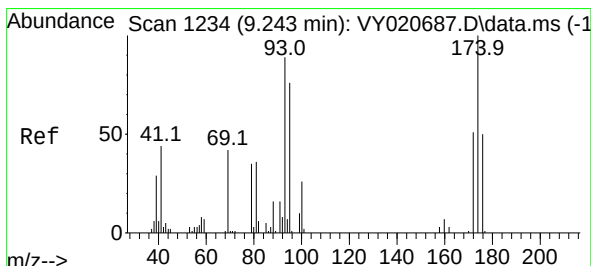
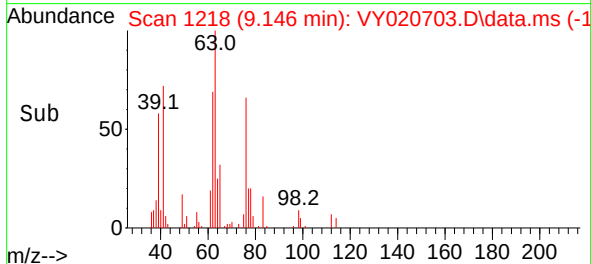
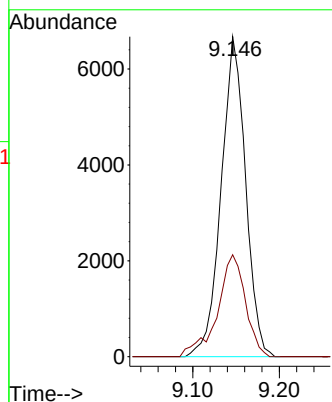
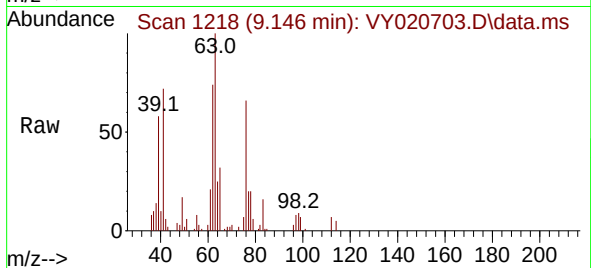




#45
1,2-Dichloropropane
Concen: 20.911 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

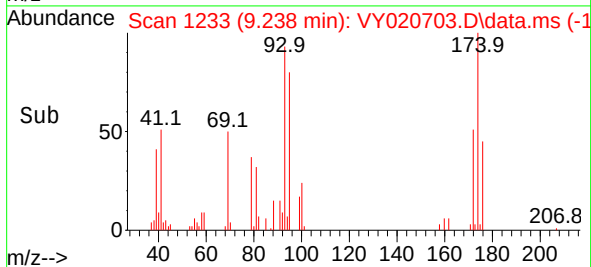
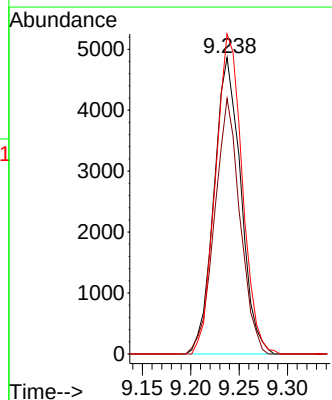
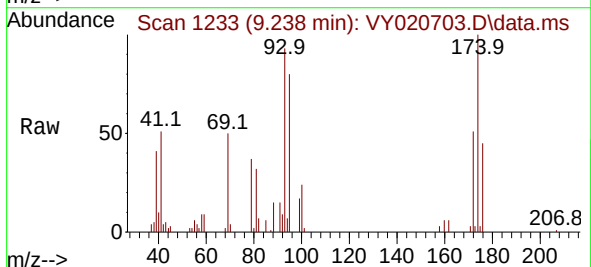
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBSD01

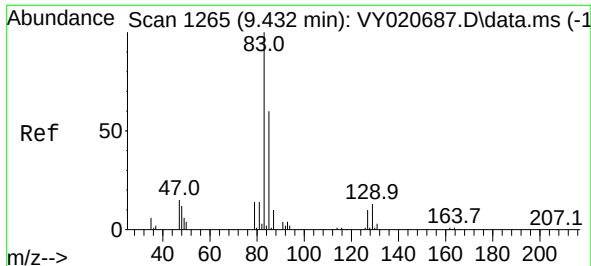
Tgt Ion: 63 Resp: 13056
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8



#46
Dibromomethane
Concen: 21.655 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 93 Resp: 9334
Ion Ratio Lower Upper
93 100
95 81.9 67.8 101.8
174 107.9 89.4 134.0

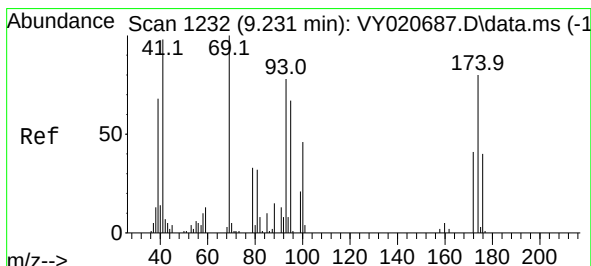
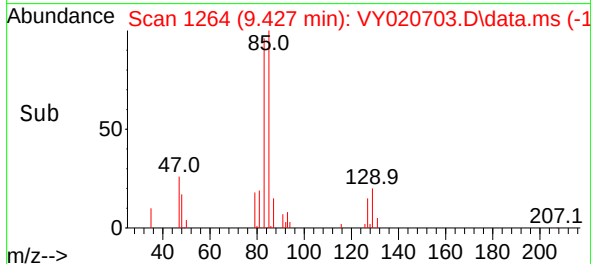
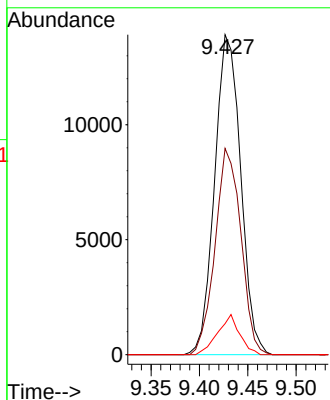
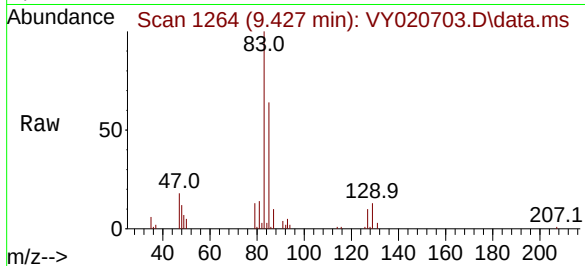




#47
Bromodichloromethane
Concen: 21.312 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

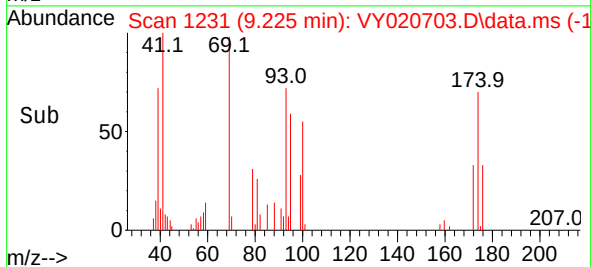
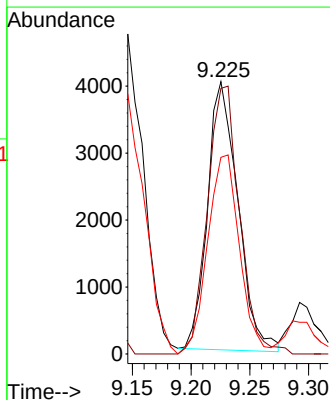
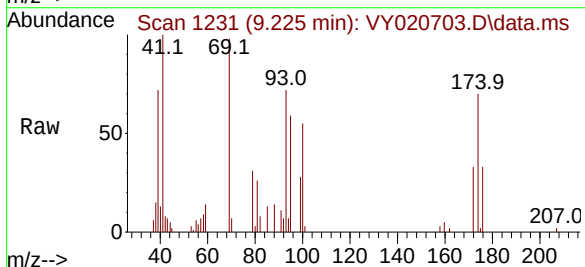
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

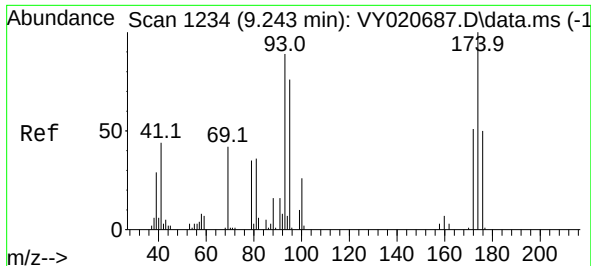
Tgt Ion: 83 Resp: 26059
Ion Ratio Lower Upper
83 100
85 64.5 47.6 71.4
127 9.7 7.9 11.9



#48
Methyl methacrylate
Concen: 20.347 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 41 Resp: 7217
Ion Ratio Lower Upper
41 100
69 105.4 83.1 124.7
39 77.6 57.3 85.9





#49

1,4-Dioxane

Concen: 435.830 ug/l

RT: 9.238 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

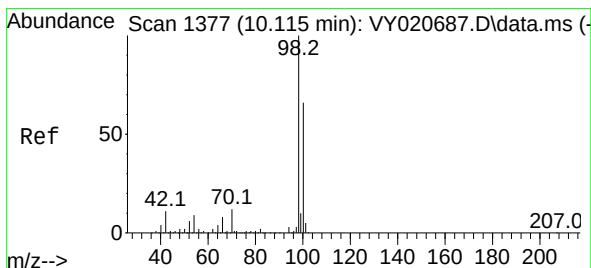
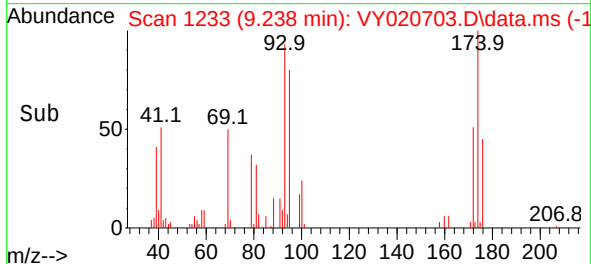
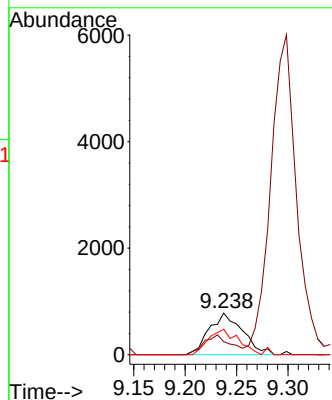
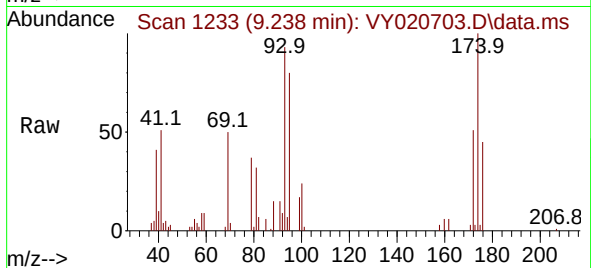
Tgt Ion: 88 Resp: 1762

Ion Ratio Lower Upper

88 100

43 38.4 22.1 33.1#

58 54.5 46.7 70.1



#50

Toluene-d8

Concen: 55.931 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020703.D

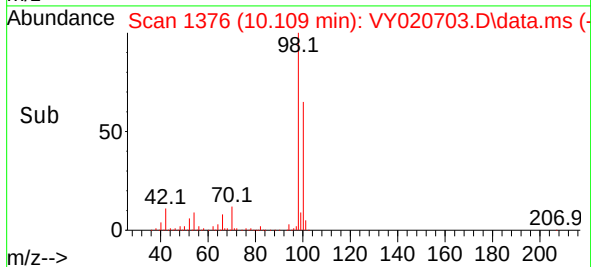
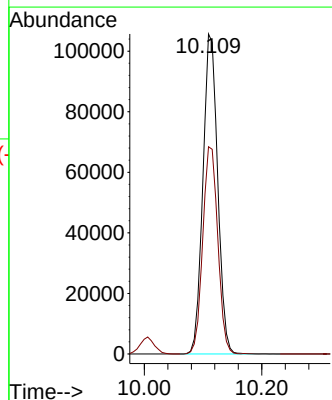
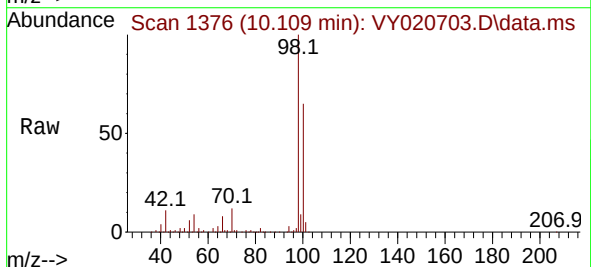
Acq: 23 Dec 2024 19:47

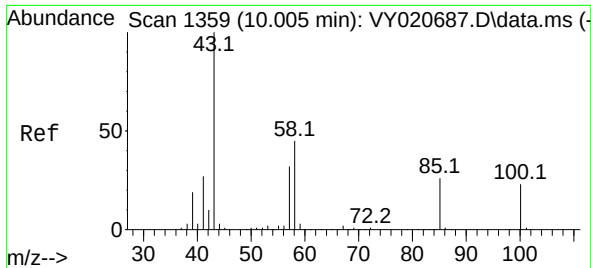
Tgt Ion: 98 Resp: 184098

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 103.556 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

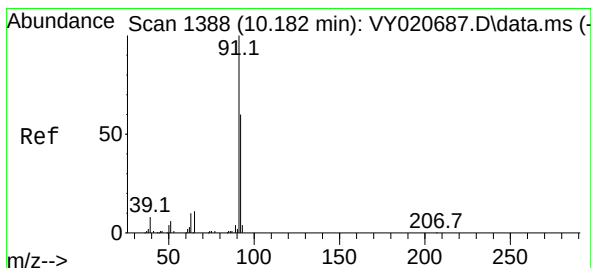
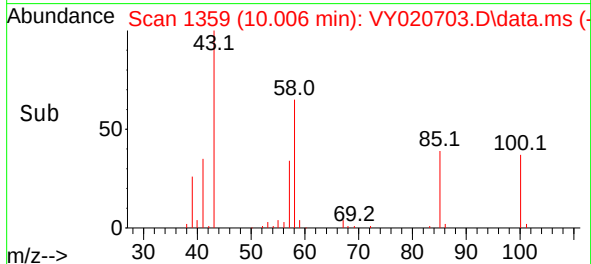
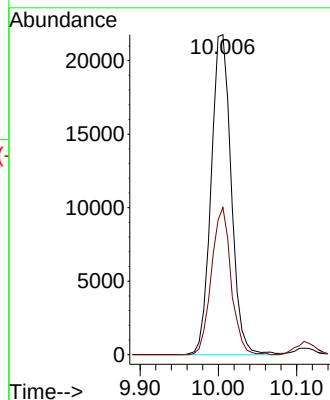
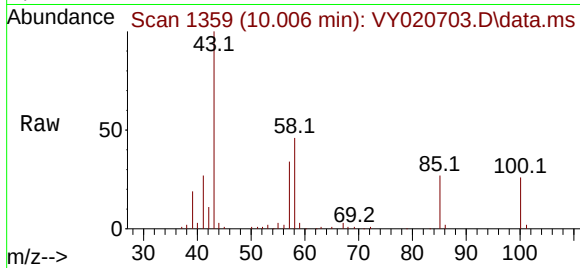
VY1223SBS01

Tgt Ion: 43 Resp: 38706

Ion Ratio Lower Upper

43 100

58 45.0 35.1 52.7



#52

Toluene

Concen: 20.709 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.006 min

Lab File: VY020703.D

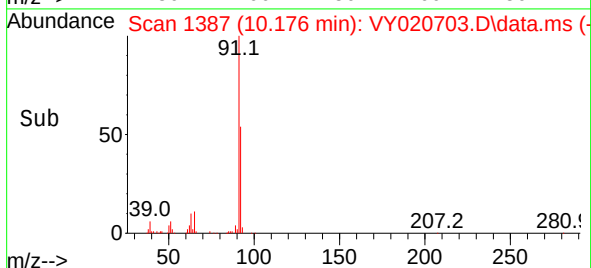
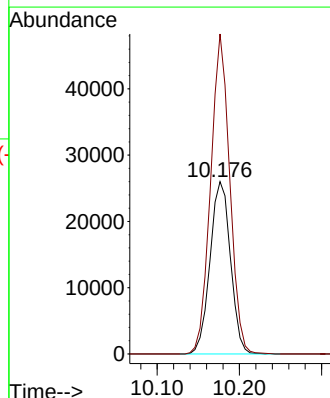
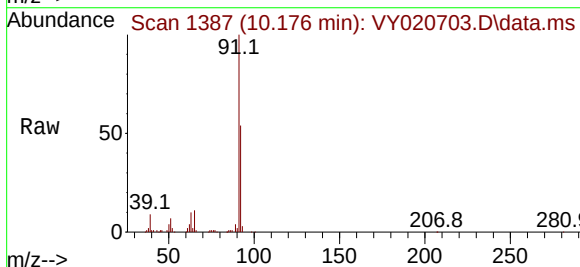
Acq: 23 Dec 2024 19:47

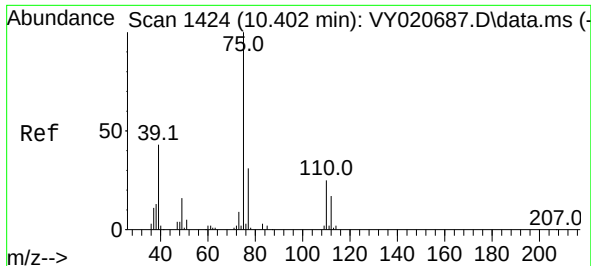
Tgt Ion: 92 Resp: 44815

Ion Ratio Lower Upper

92 100

91 174.2 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 21.385 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

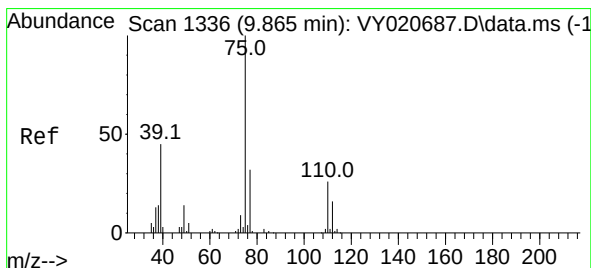
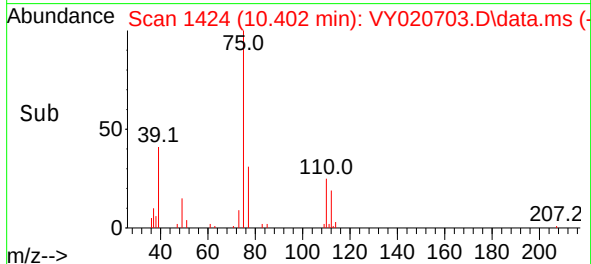
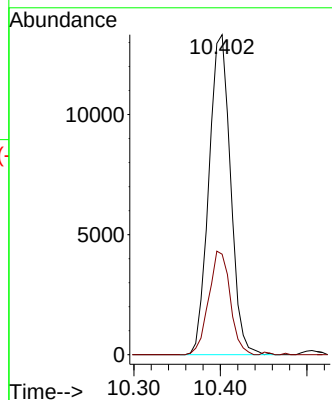
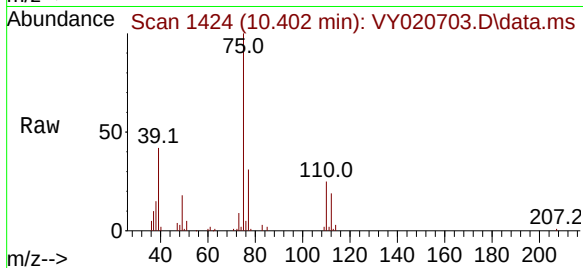
VY1223SBS01

Tgt Ion: 75 Resp: 23137

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.119 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

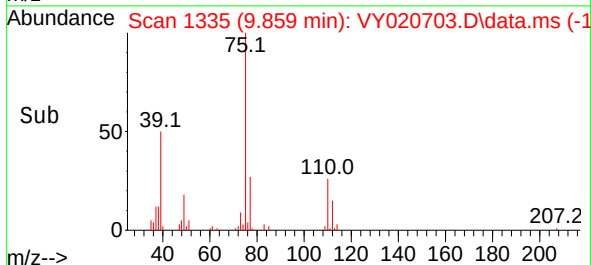
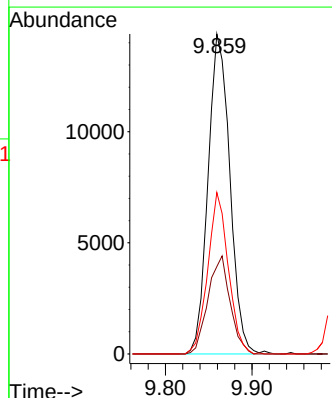
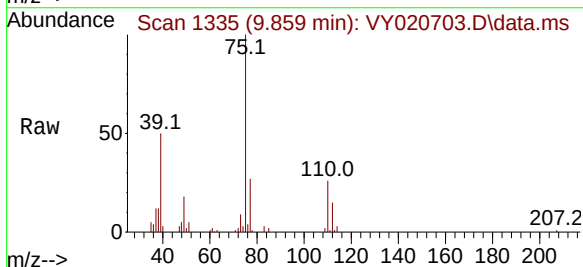
Tgt Ion: 75 Resp: 25177

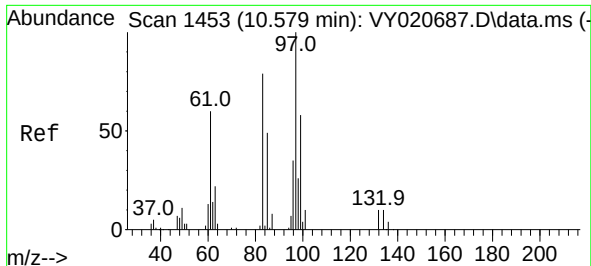
Ion Ratio Lower Upper

75 100

77 27.3 25.6 38.4

39 50.4 36.2 54.2

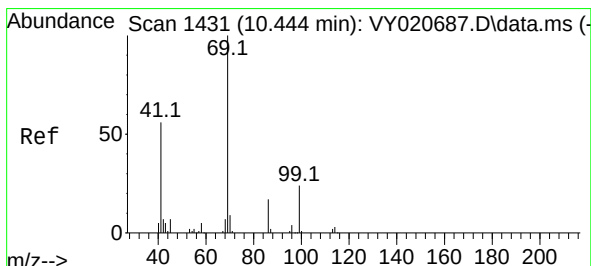
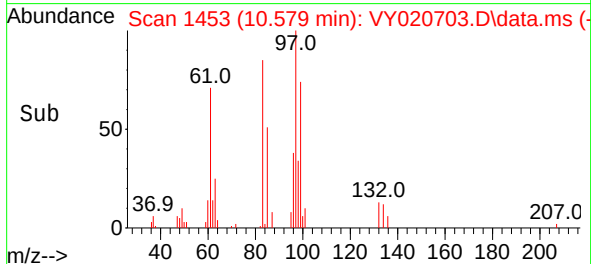
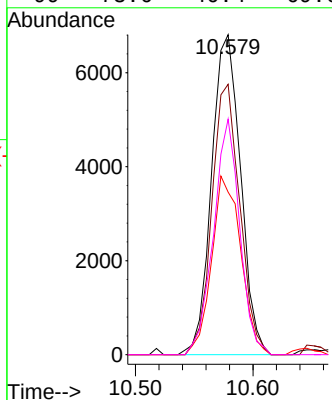
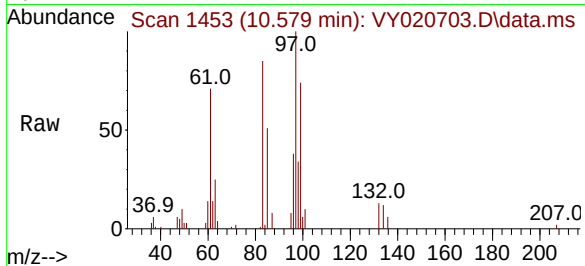




#55
1,1,2-Trichloroethane
Concen: 20.931 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

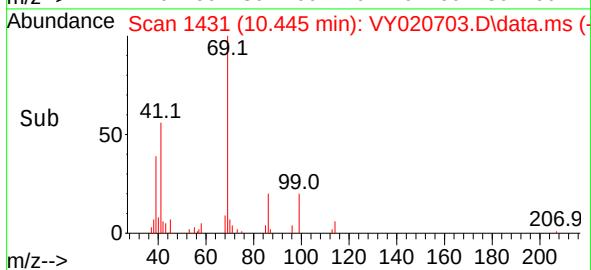
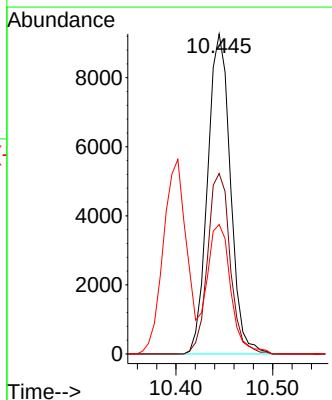
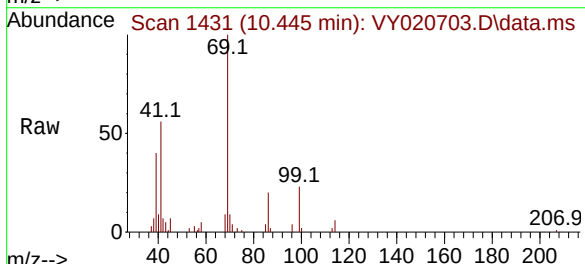
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBSD01

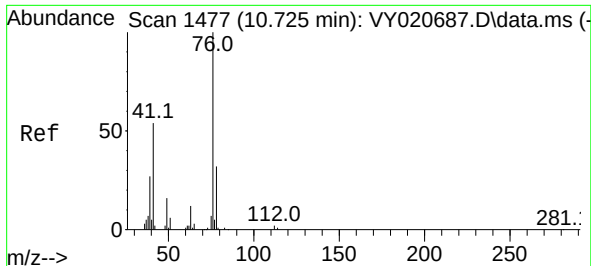
Tgt Ion:	97	Resp:	11682
Ion	Ratio	Lower	Upper
97	100		
83	84.5	63.1	94.7
85	50.8	39.5	59.3
99	73.6	46.4	69.6



#56
Ethyl methacrylate
Concen: 21.301 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion:	69	Resp:	15165
Ion	Ratio	Lower	Upper
69	100		
41	56.1	43.8	65.6
39	42.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.893 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

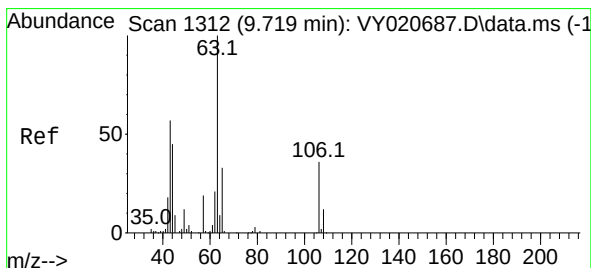
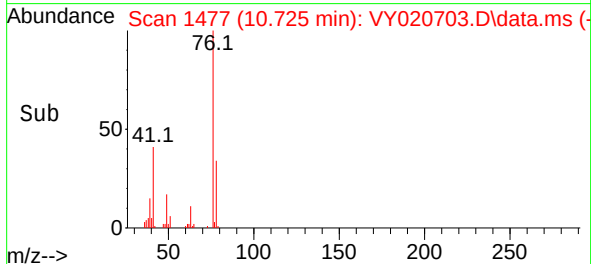
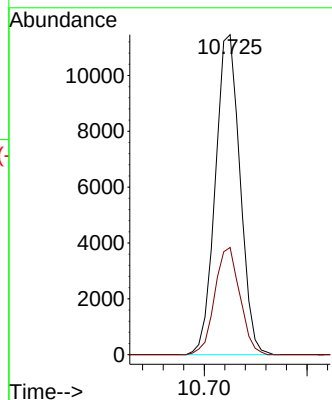
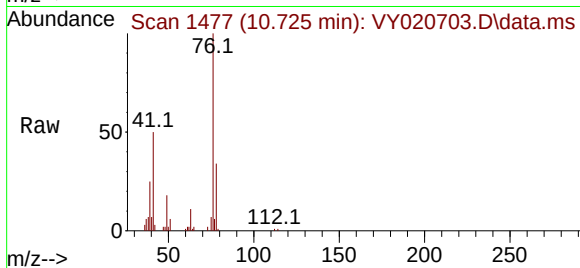
VY1223SBS01

Tgt Ion: 76 Resp: 19061

Ion Ratio Lower Upper

76 100

78 34.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.437 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020703.D

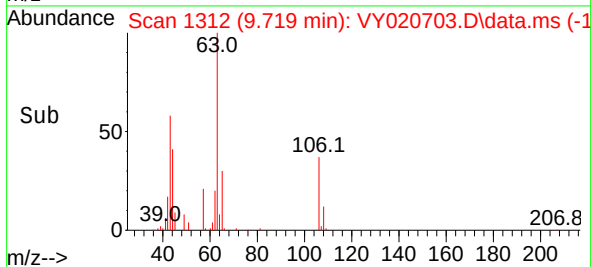
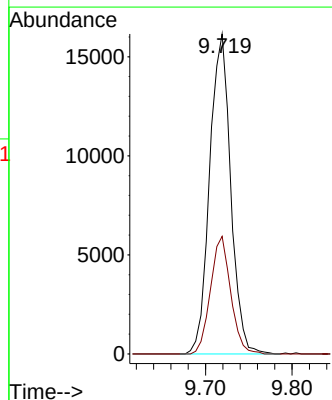
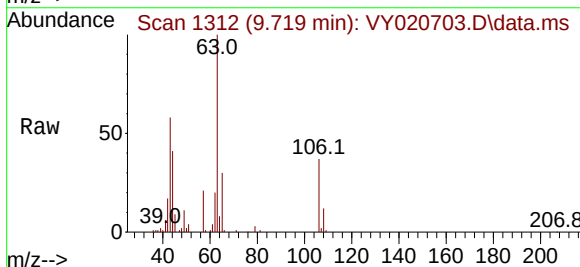
Acq: 23 Dec 2024 19:47

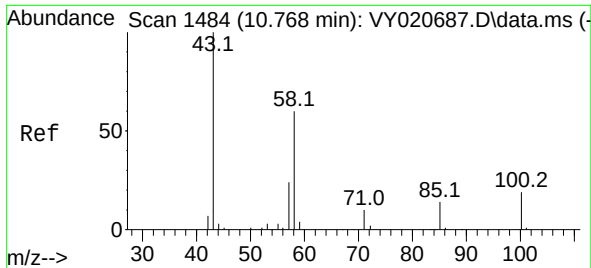
Tgt Ion: 63 Resp: 27253

Ion Ratio Lower Upper

63 100

106 35.3 29.1 43.7





#59

2-Hexanone

Concen: 104.066 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

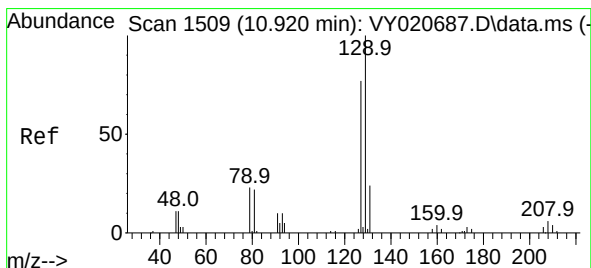
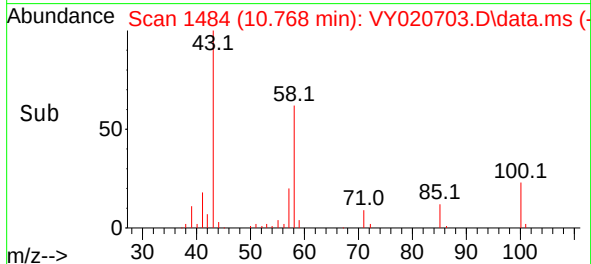
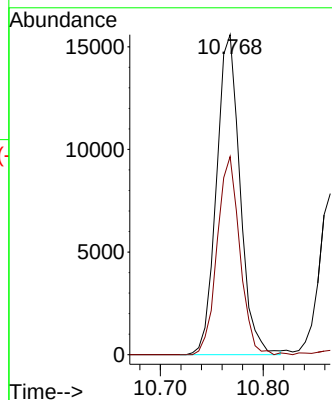
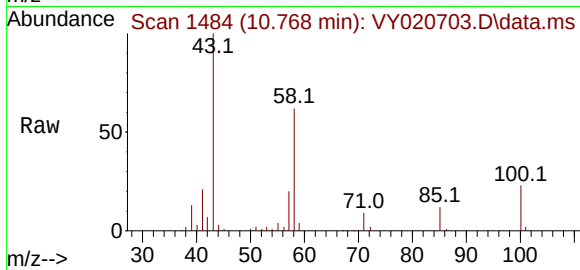
VY1223SBS01

Tgt Ion: 43 Resp: 24776

Ion Ratio Lower Upper

43 100

58 59.6 30.1 90.5



#60

Dibromochloromethane

Concen: 21.495 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VY020703.D

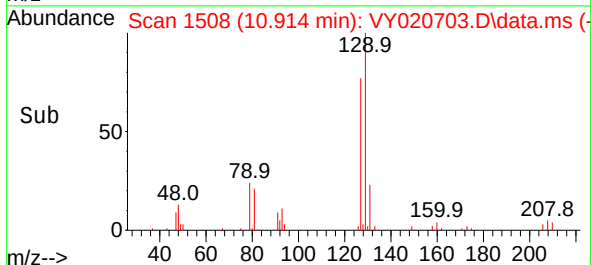
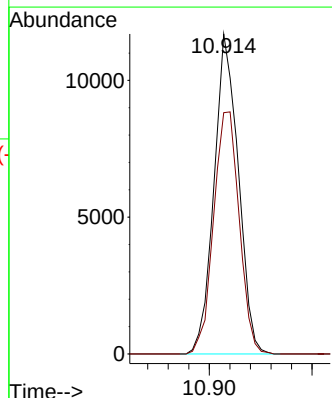
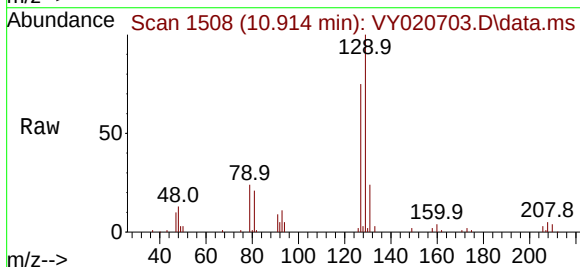
Acq: 23 Dec 2024 19:47

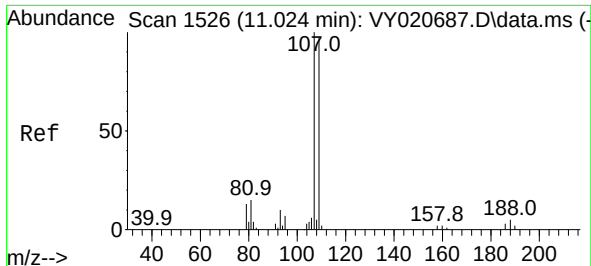
Tgt Ion: 129 Resp: 19154

Ion Ratio Lower Upper

129 100

127 80.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.127 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

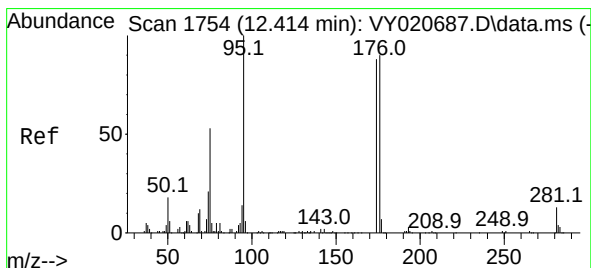
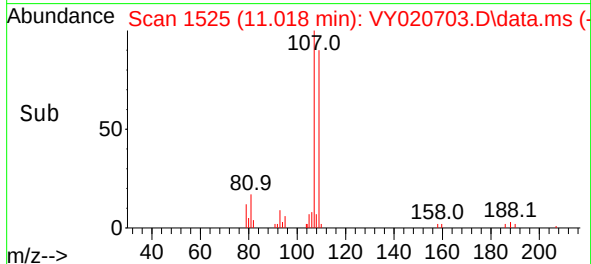
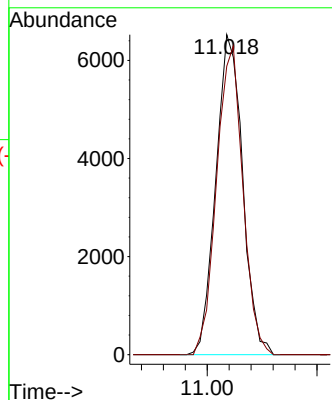
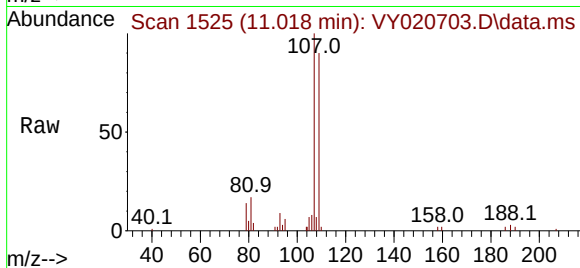
VY1223SBS01

Tgt Ion:107 Resp: 11054

Ion Ratio Lower Upper

107 100

109 94.7 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 52.934 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

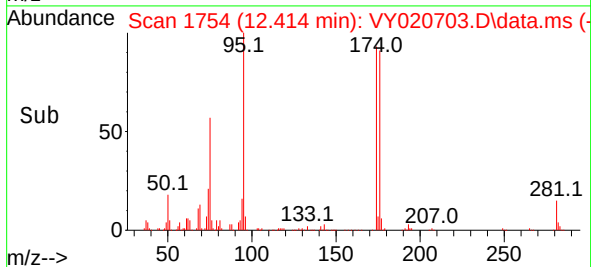
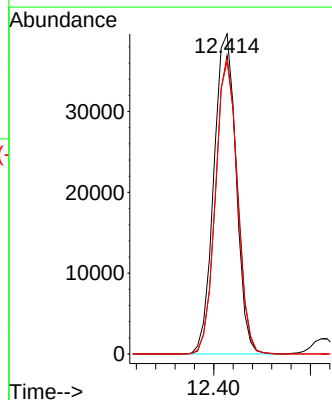
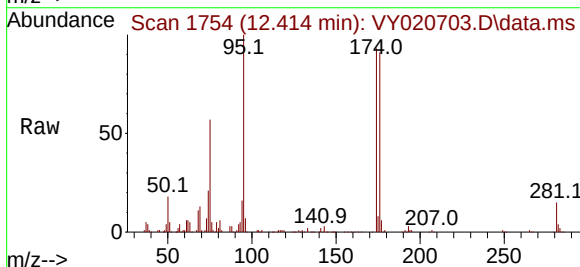
Tgt Ion: 95 Resp: 63417

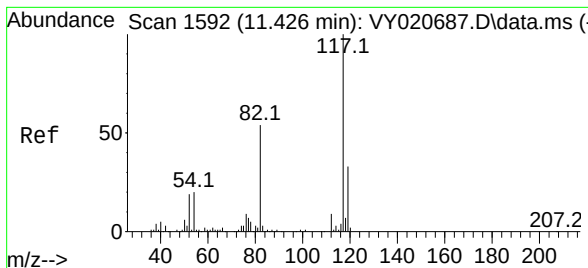
Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.2

176 90.1 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

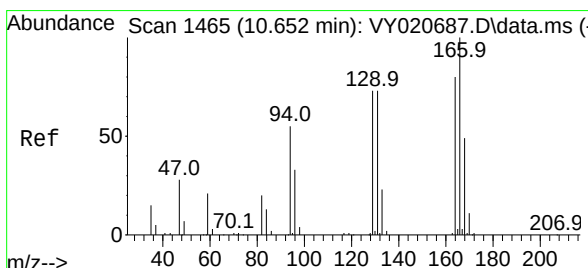
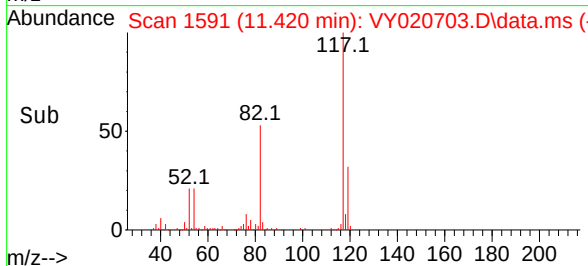
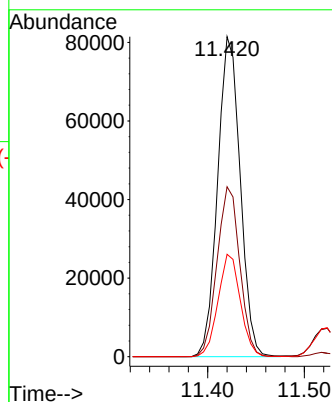
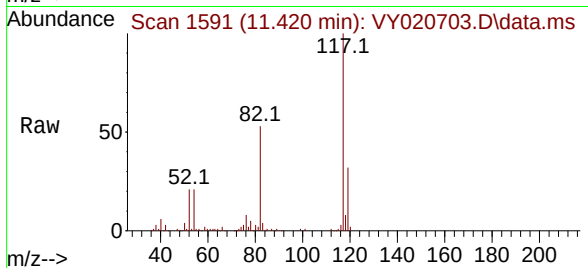
Tgt Ion:117 Resp: 131930

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.2

119 32.0 26.6 39.8



#64

Tetrachloroethene

Concen: 20.081 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Tgt Ion:164 Resp: 17595

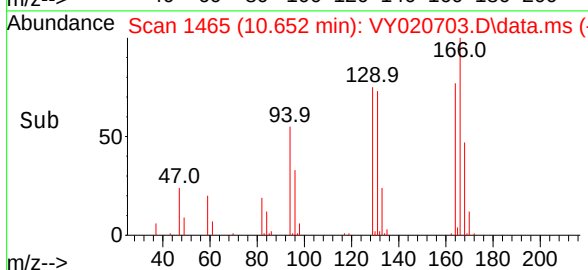
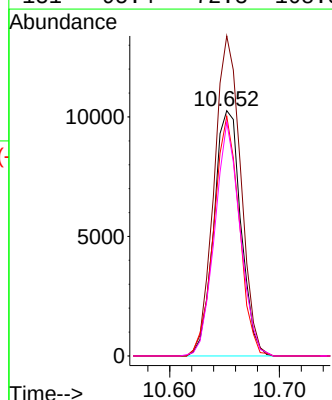
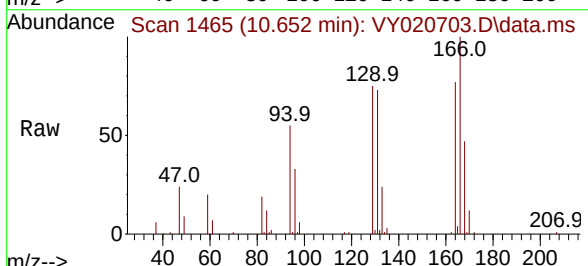
Ion Ratio Lower Upper

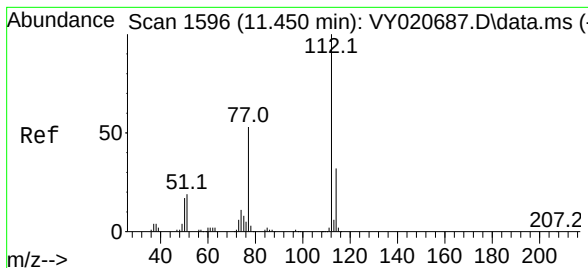
164 100

166 130.5 99.6 149.4

129 97.7 73.0 109.4

131 95.4 72.3 108.5

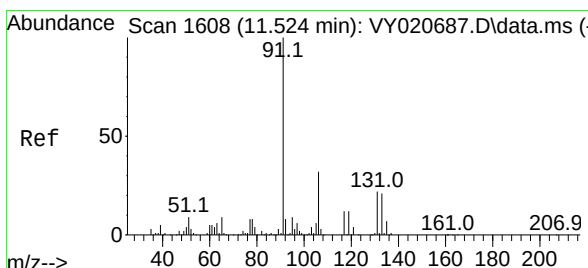
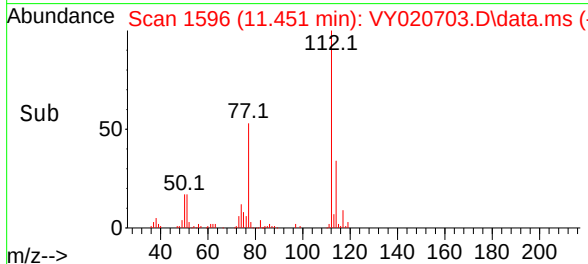
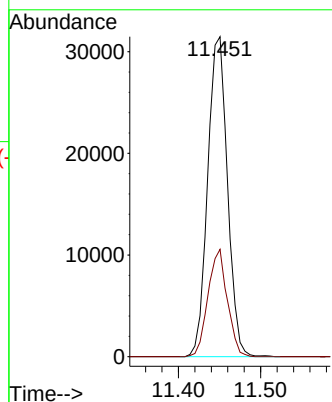
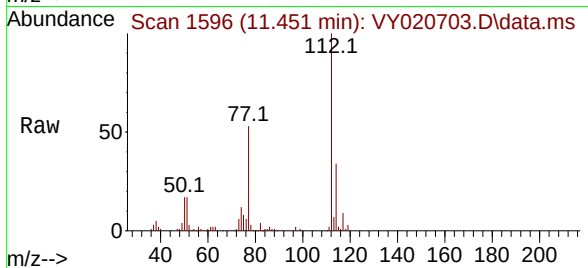




#65
Chlorobenzene
Concen: 21.338 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

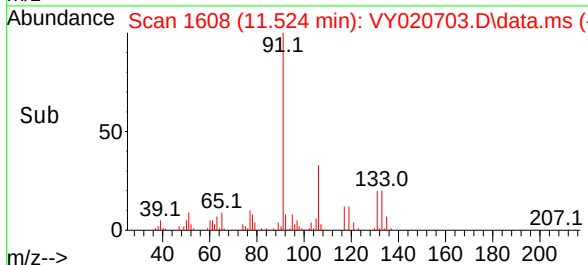
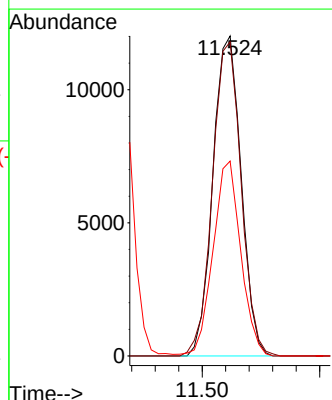
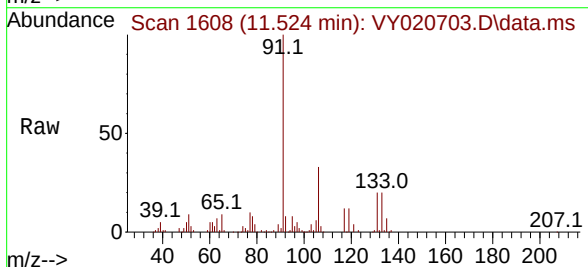
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBSD01

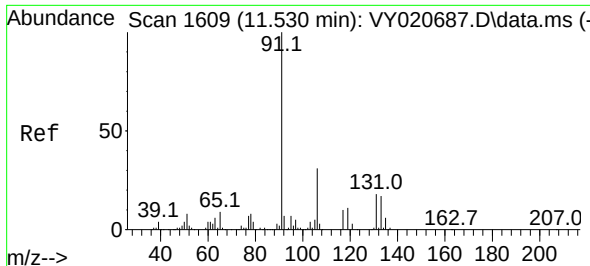
Tgt Ion:112 Resp: 52606
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.778 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion:131 Resp: 20004
Ion Ratio Lower Upper
131 100
133 99.8 48.6 145.9
119 60.1 28.4 85.3





#67

Ethyl Benzene

Concen: 20.628 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

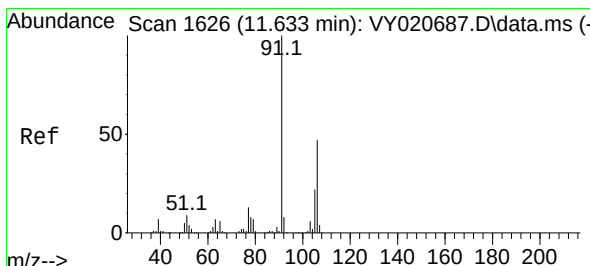
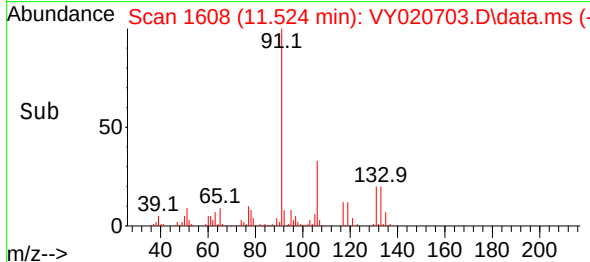
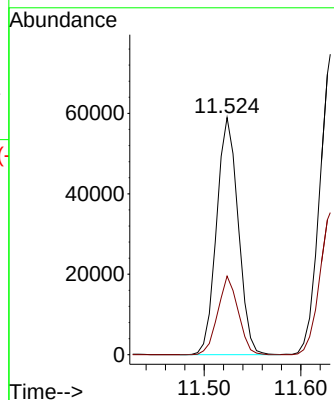
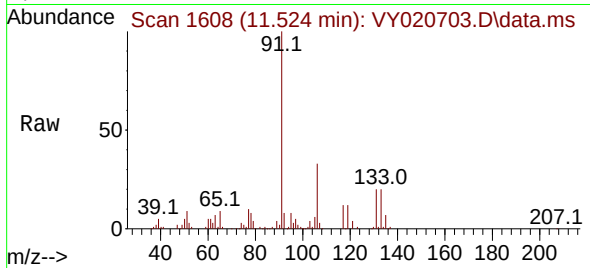
VY1223SBSD01

Tgt Ion: 91 Resp: 91241

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 41.477 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020703.D

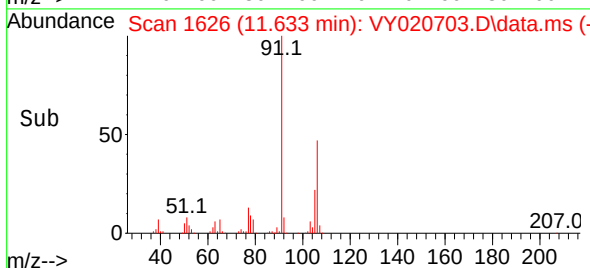
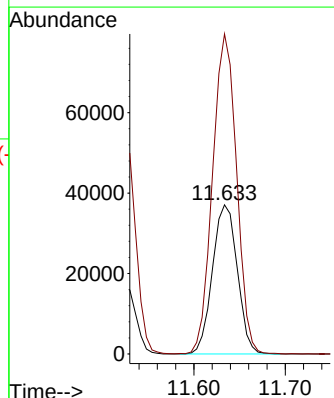
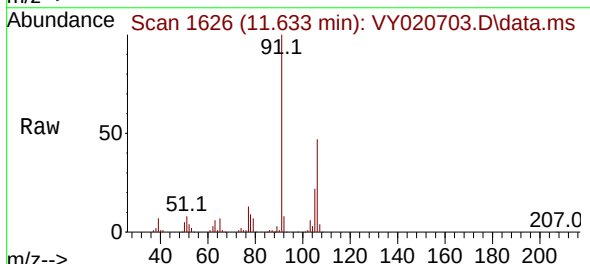
Acq: 23 Dec 2024 19:47

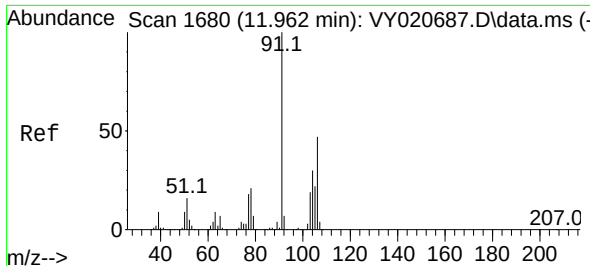
Tgt Ion:106 Resp: 69958

Ion Ratio Lower Upper

106 100

91 207.7 166.6 250.0





#69

o-Xylene

Concen: 21.509 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

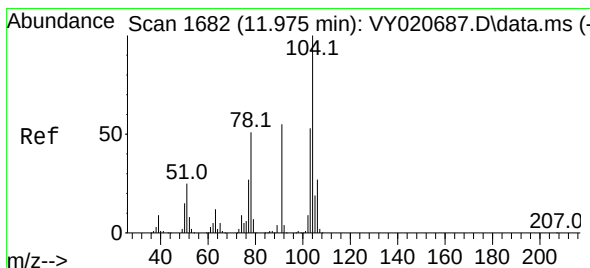
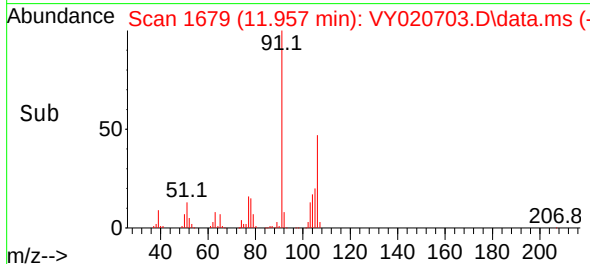
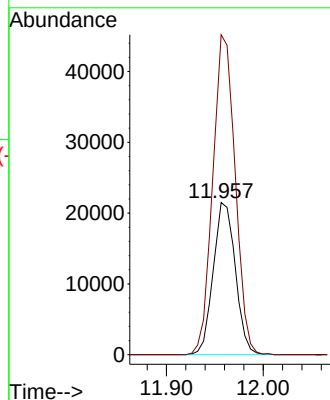
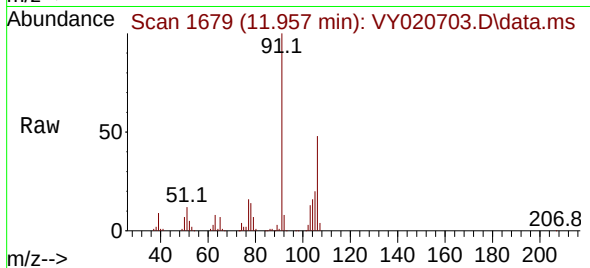
VY1223SBS01

Tgt Ion:106 Resp: 34079

Ion Ratio Lower Upper

106 100

91 213.4 108.6 325.8



#70

Styrene

Concen: 21.300 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

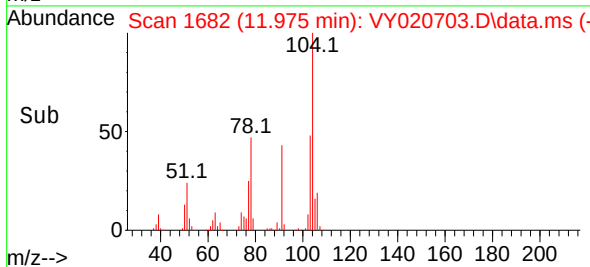
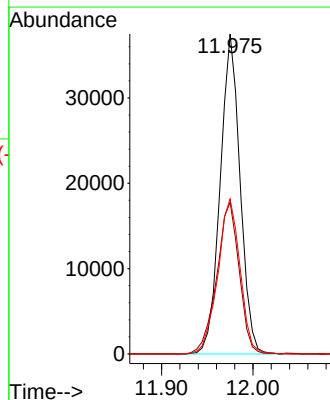
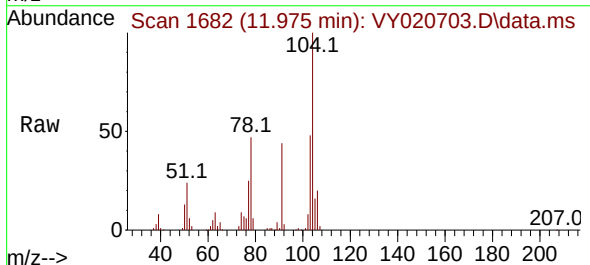
Tgt Ion:104 Resp: 56763

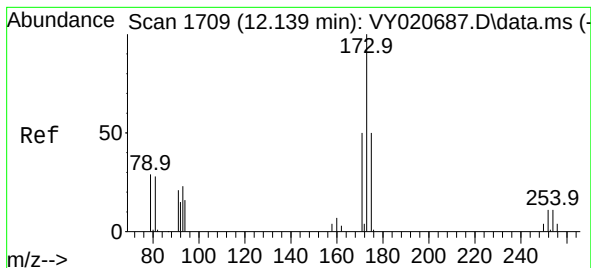
Ion Ratio Lower Upper

104 100

78 53.1 43.0 64.4

103 54.1 44.4 66.6





#71

Bromoform

Concen: 20.784 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBSD01

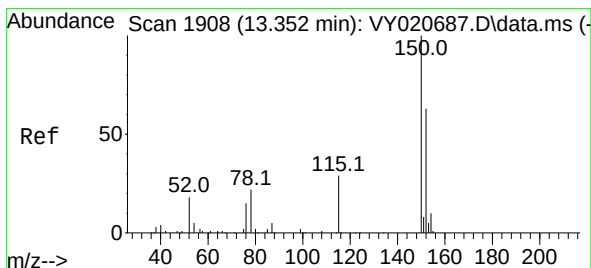
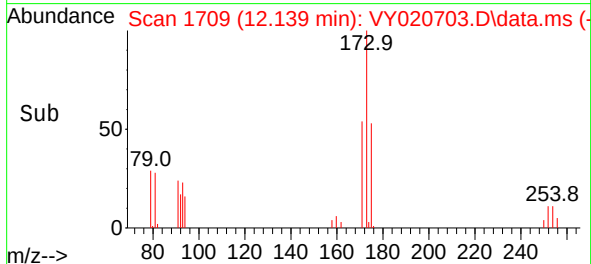
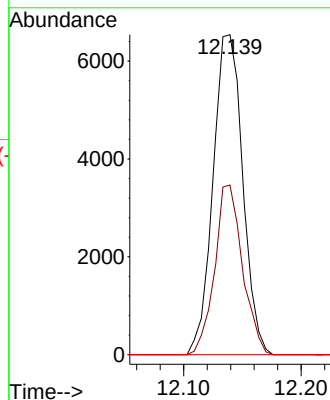
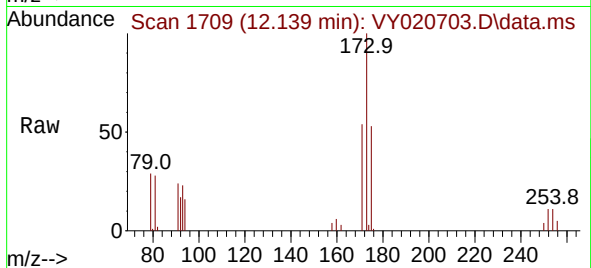
Tgt Ion:173 Resp: 11461

Ion Ratio Lower Upper

173 100

175 49.7 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

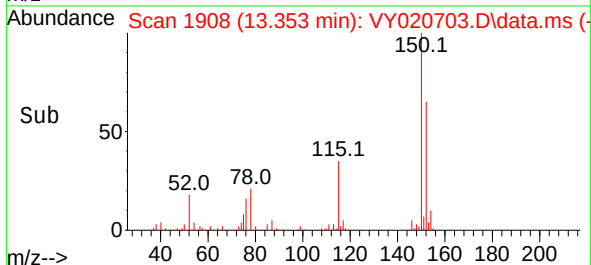
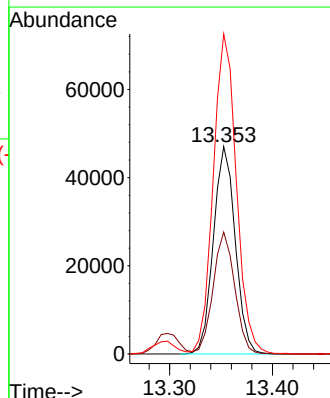
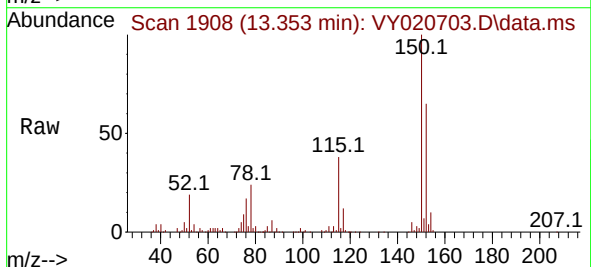
Tgt Ion:152 Resp: 69344

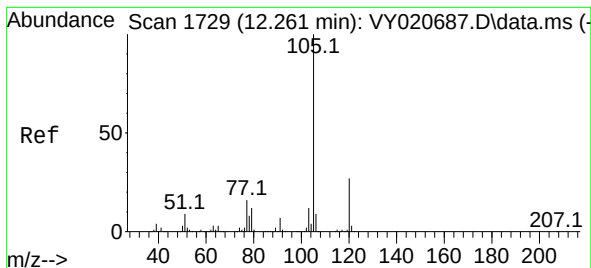
Ion Ratio Lower Upper

152 100

115 58.2 30.3 90.9

150 163.4 0.0 349.0





#73

Isopropylbenzene

Concen: 19.757 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

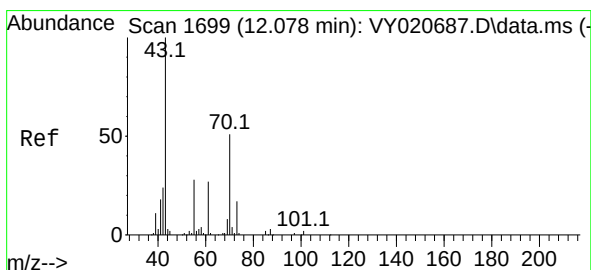
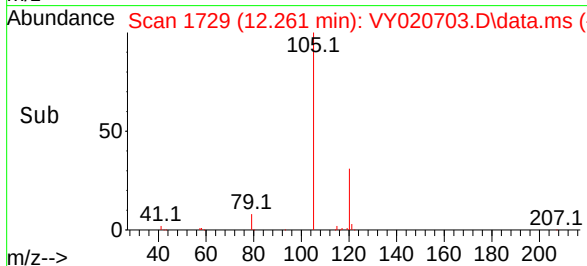
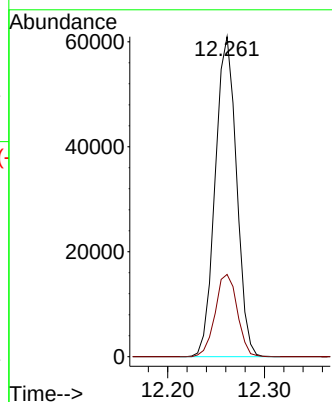
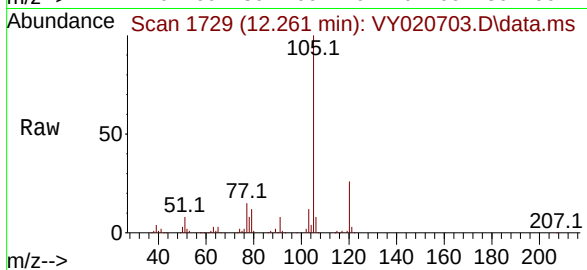
VY1223SBSD01

Tgt Ion:105 Resp: 93189

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 20.358 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Tgt Ion: 43 Resp: 13493

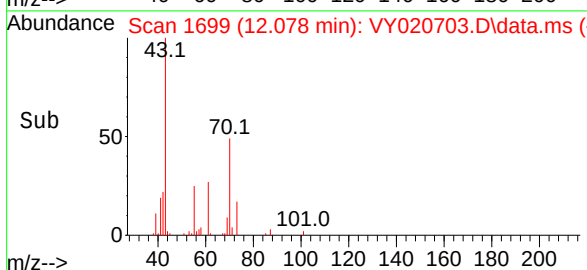
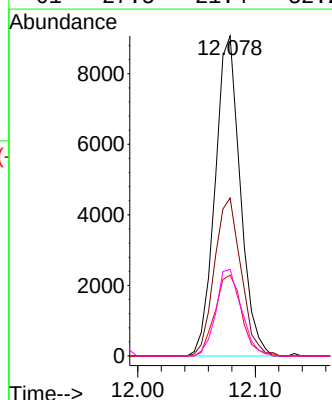
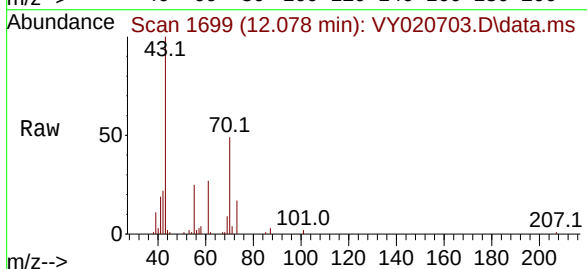
Ion Ratio Lower Upper

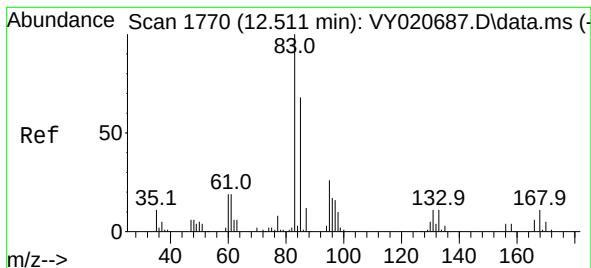
43 100

70 52.3 39.7 59.5

55 26.8 21.5 32.3

61 27.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.545 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBSD01

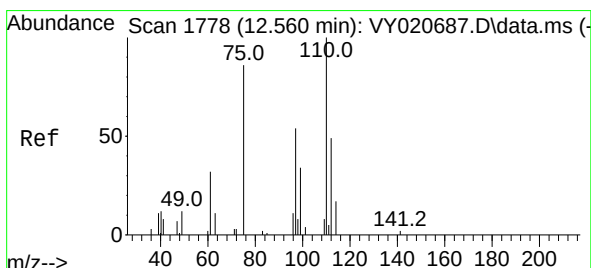
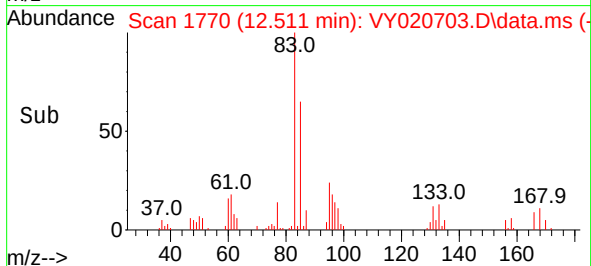
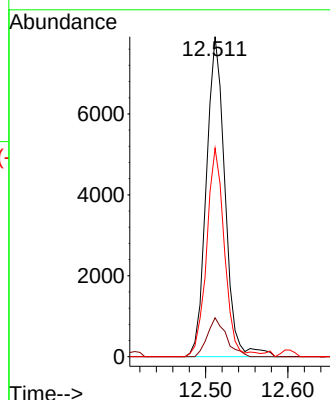
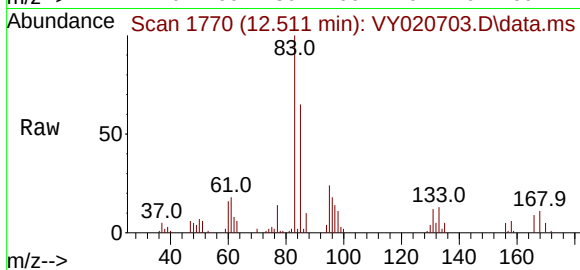
Tgt Ion: 83 Resp: 12470

Ion Ratio Lower Upper

83 100

131 12.3 6.9 20.7

85 63.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 39.036 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020703.D

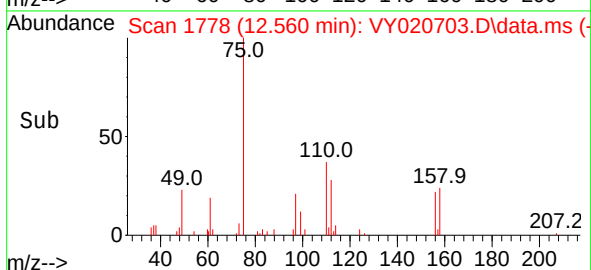
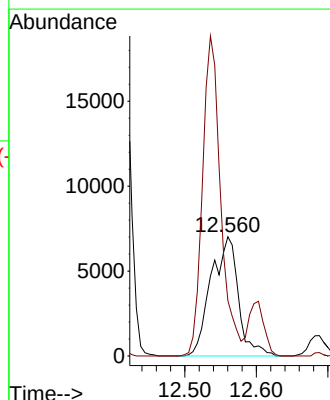
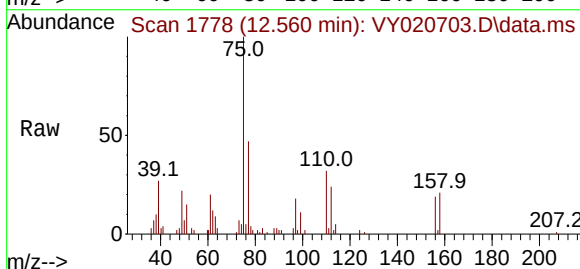
Acq: 23 Dec 2024 19:47

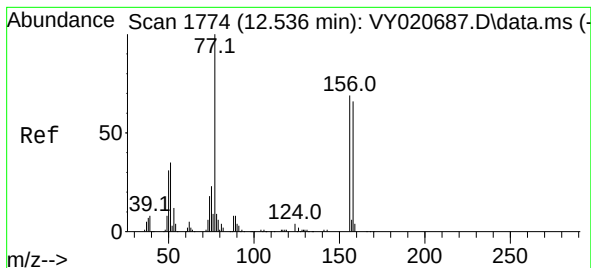
Tgt Ion: 75 Resp: 18668

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.737 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

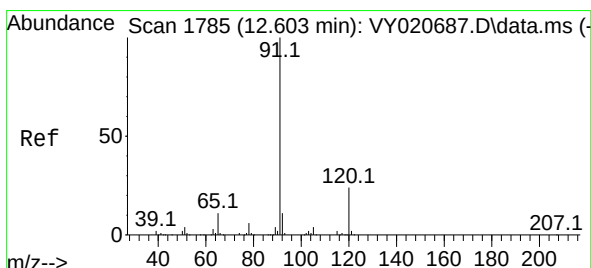
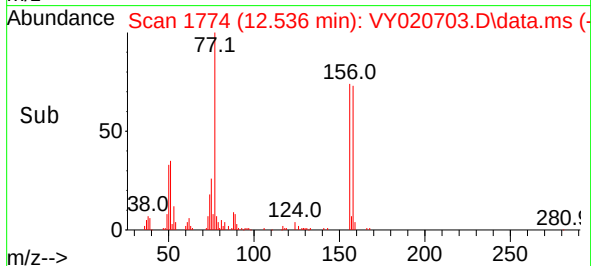
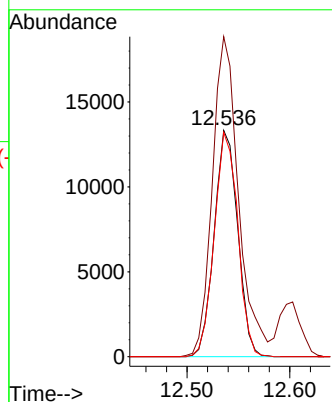
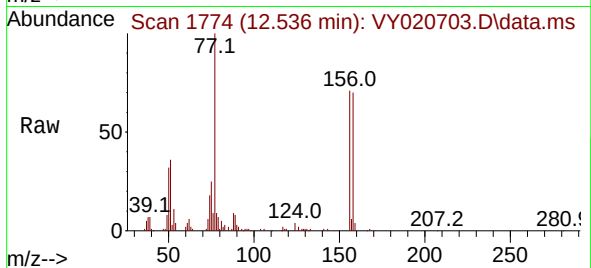
Tgt Ion:156 Resp: 21199

Ion Ratio Lower Upper

156 100

77 157.3 78.3 235.0

158 99.1 48.3 144.9



#78

n-propylbenzene

Concen: 19.548 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020703.D

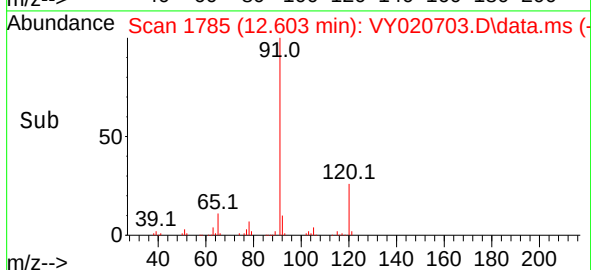
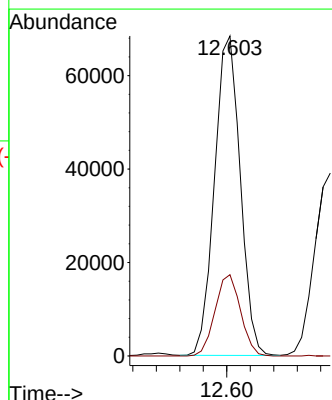
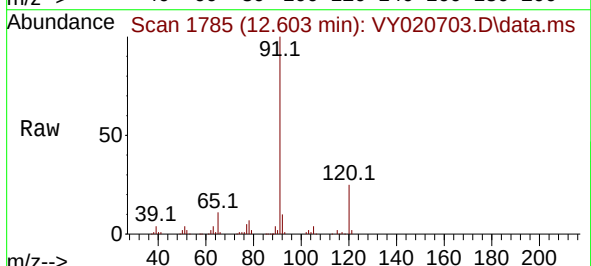
Acq: 23 Dec 2024 19:47

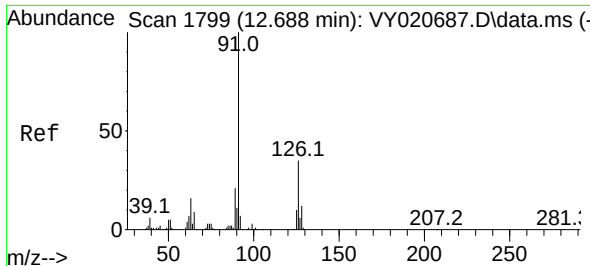
Tgt Ion: 91 Resp: 103950

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.932 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

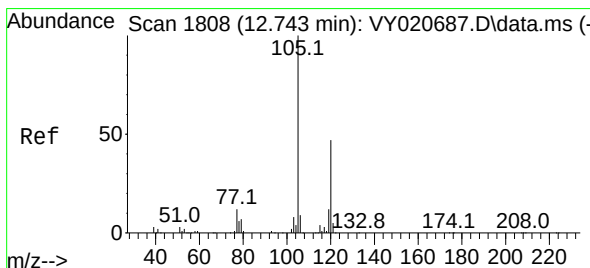
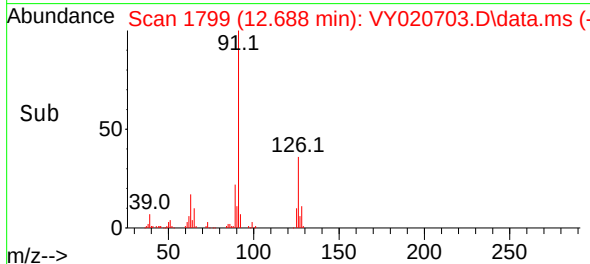
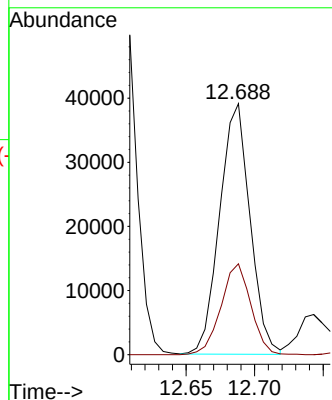
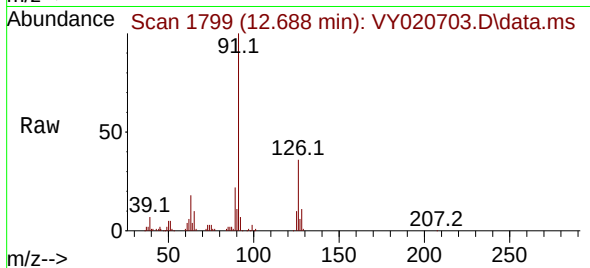
VY1223SBS01

Tgt Ion: 91 Resp: 60340

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 20.379 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020703.D

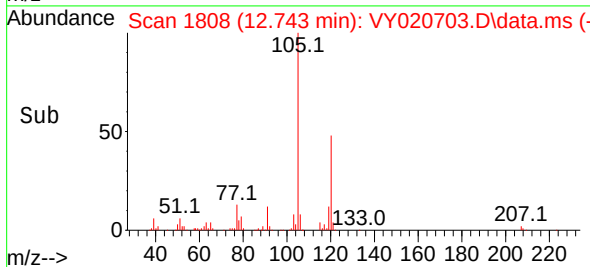
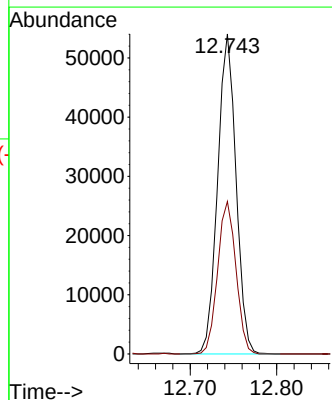
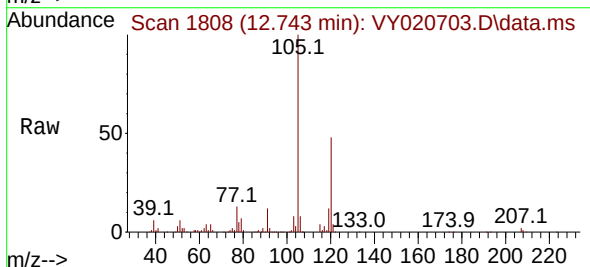
Acq: 23 Dec 2024 19:47

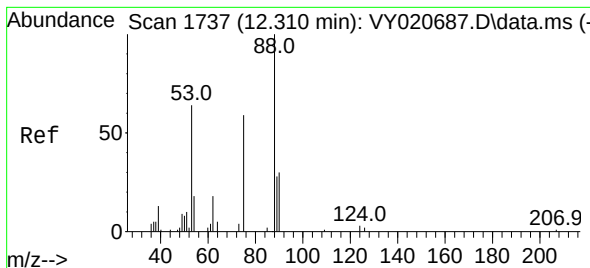
Tgt Ion:105 Resp: 79726

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7

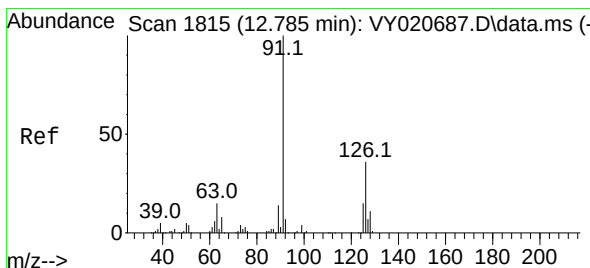
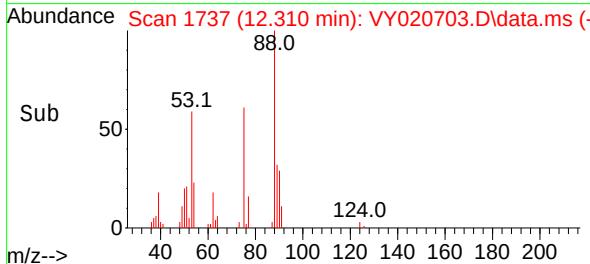
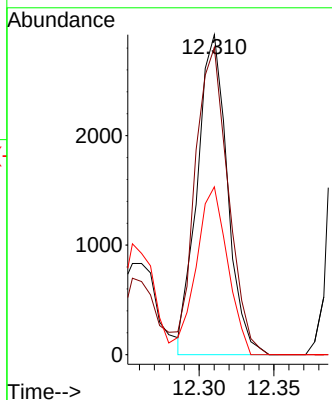
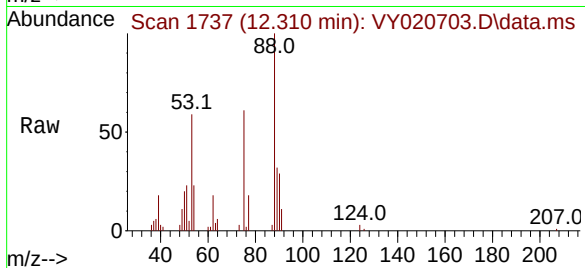




#81
trans-1,4-Dichloro-2-butene
Concen: 18.628 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

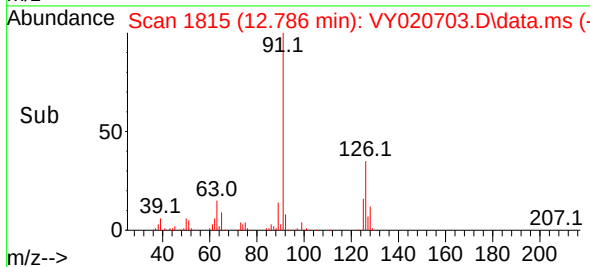
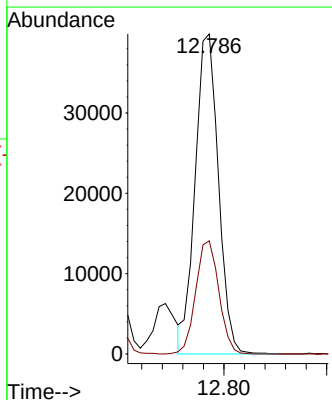
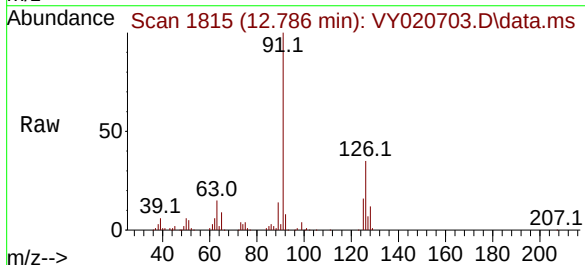
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBSD01

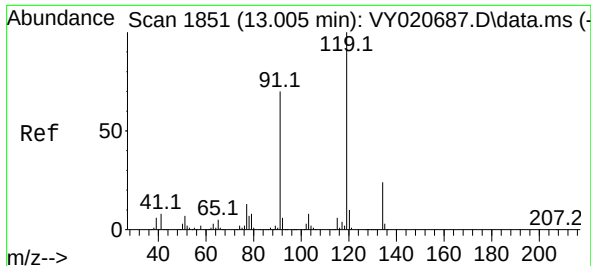
Tgt Ion: 75 Resp: 4098
Ion Ratio Lower Upper
75 100
53 105.6 83.1 124.7
89 54.9 40.6 61.0



#82
4-Chlorotoluene
Concen: 20.303 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020703.D
Acq: 23 Dec 2024 19:47

Tgt Ion: 91 Resp: 62684
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.5





#83

tert-Butylbenzene

Concen: 20.332 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

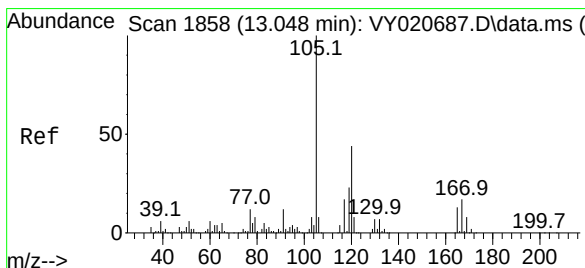
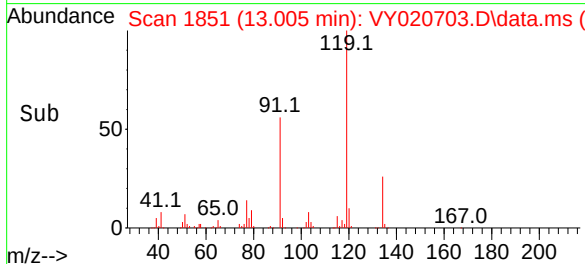
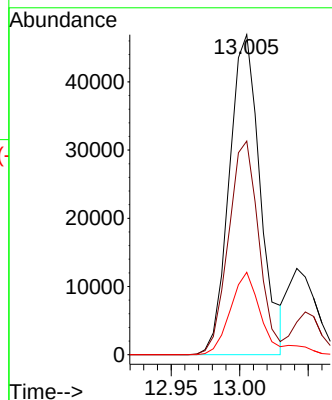
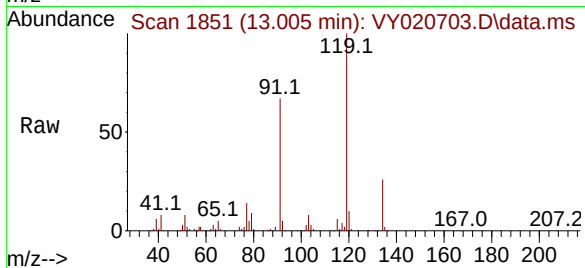
Tgt Ion:119 Resp: 74013

Ion Ratio Lower Upper

119 100

91 65.1 33.6 100.8

134 26.6 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 20.842 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020703.D

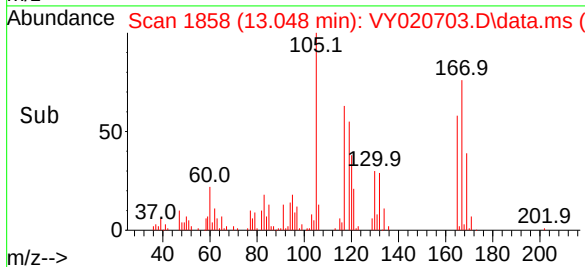
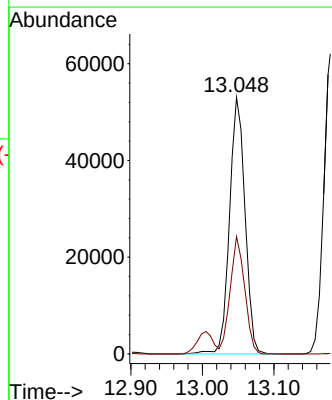
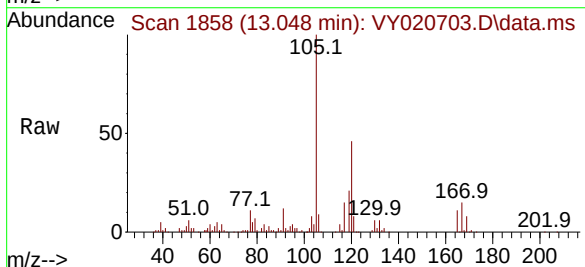
Acq: 23 Dec 2024 19:47

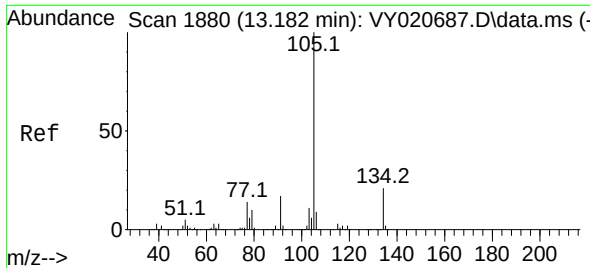
Tgt Ion:105 Resp: 79650

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.3

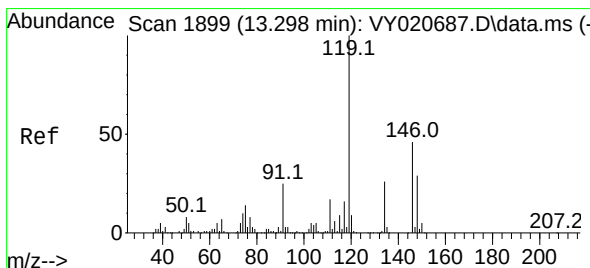
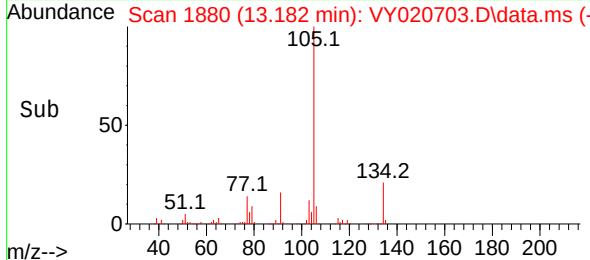
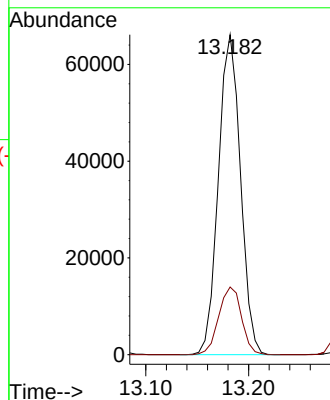
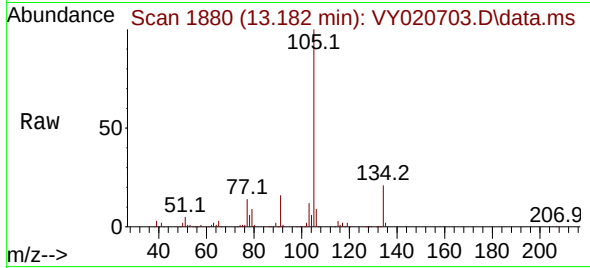




#85
 sec-Butylbenzene
 Concen: 20.123 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VY020703.D
 Acq: 23 Dec 2024 19:47

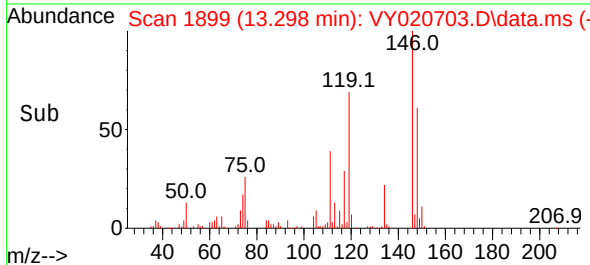
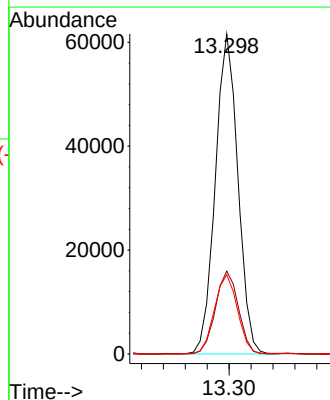
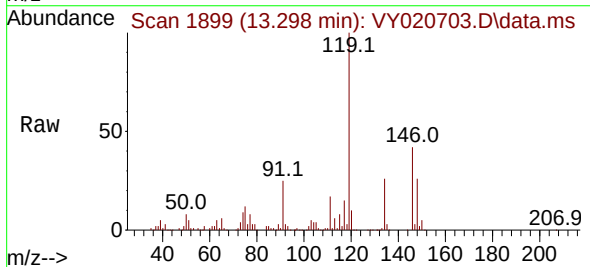
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

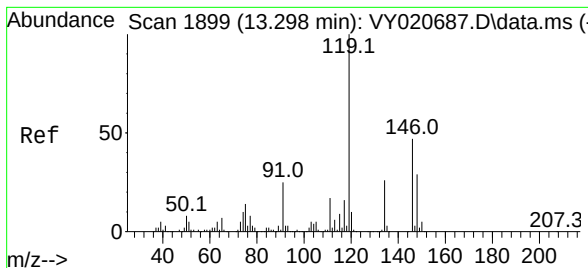
Tgt Ion:105 Resp: 98630
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.575 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY020703.D
 Acq: 23 Dec 2024 19:47

Tgt Ion:119 Resp: 88167
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 25.3 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 21.023 ug/l

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

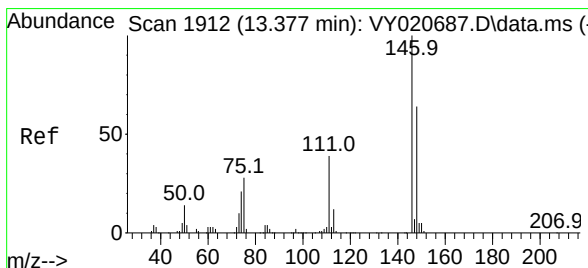
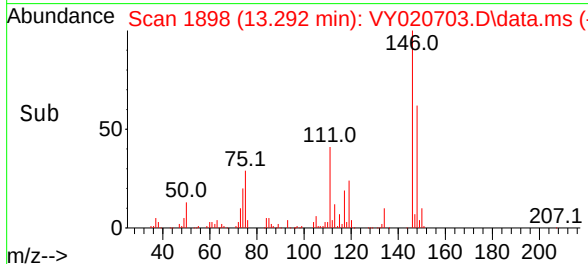
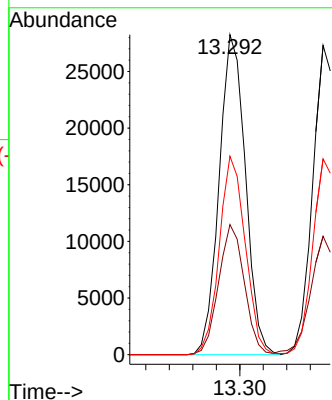
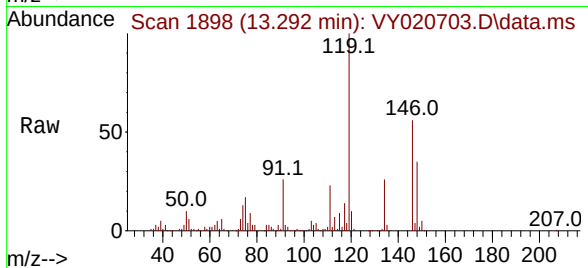
Tgt Ion:146 Resp: 43865

Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.8

148 61.4 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.707 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

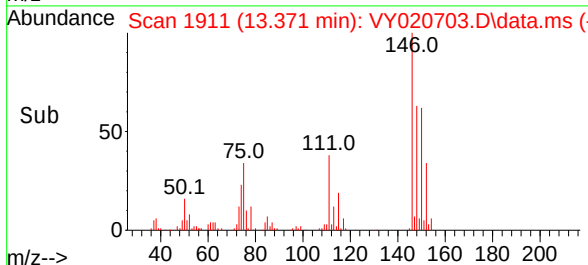
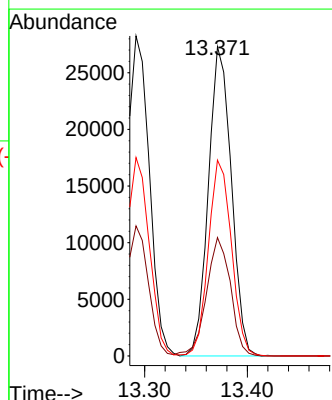
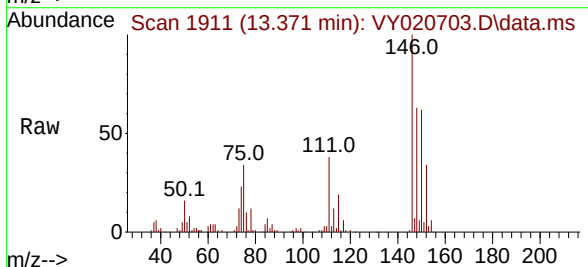
Tgt Ion:146 Resp: 42330

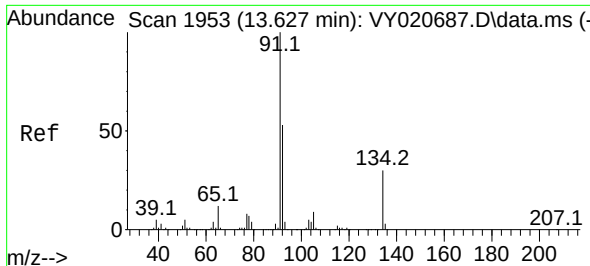
Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 63.7 32.8 98.3





#89

n-Butylbenzene

Concen: 20.171 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

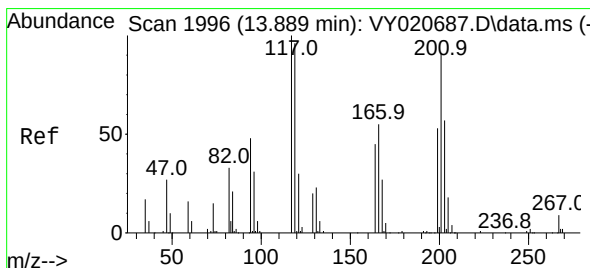
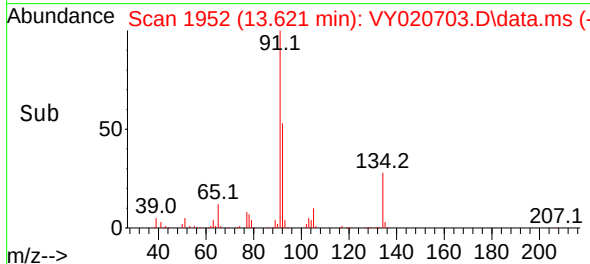
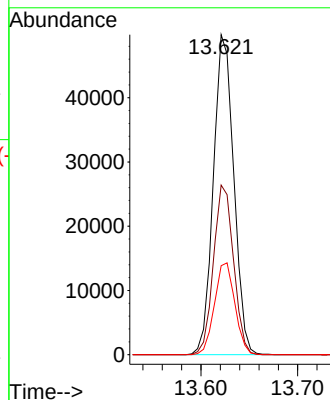
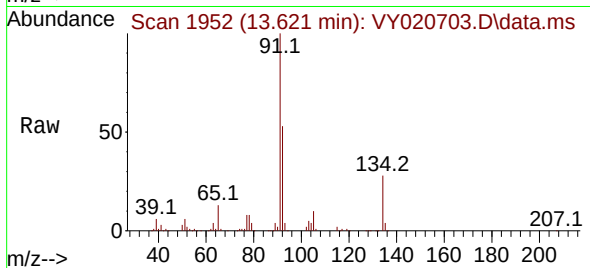
Tgt Ion: 91 Resp: 72816

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

134 28.7 14.8 44.4



#90

Hexachloroethane

Concen: 19.561 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020703.D

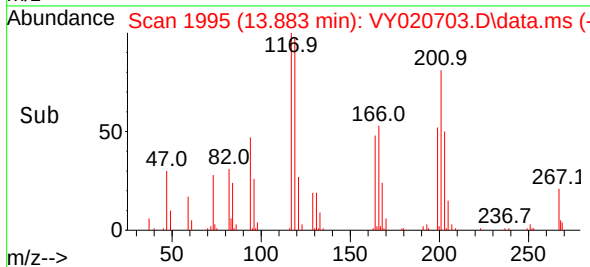
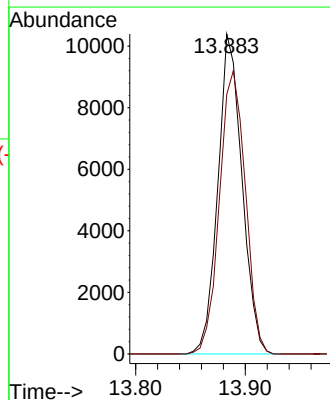
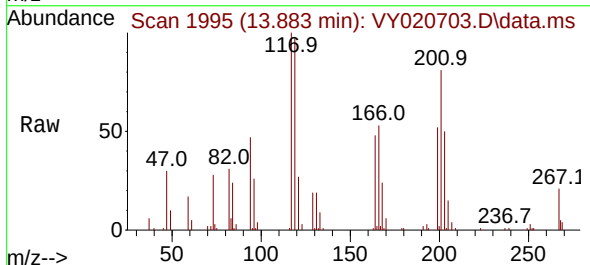
Acq: 23 Dec 2024 19:47

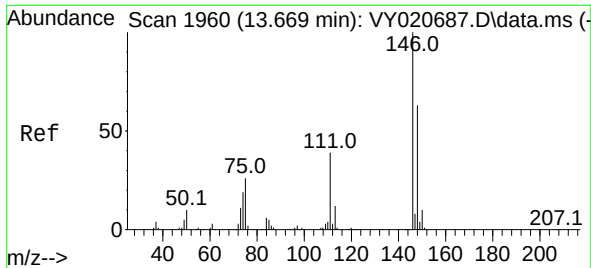
Tgt Ion: 117 Resp: 15902

Ion Ratio Lower Upper

117 100

201 94.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.807 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

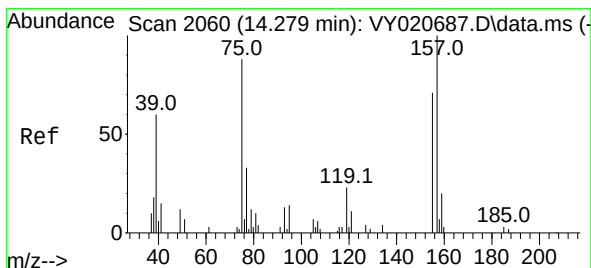
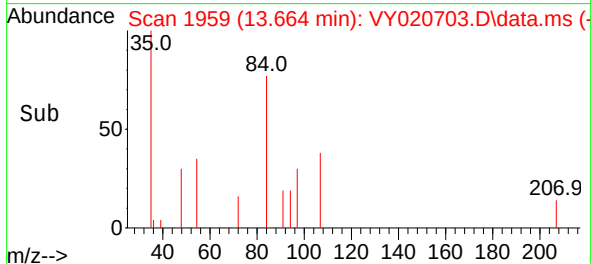
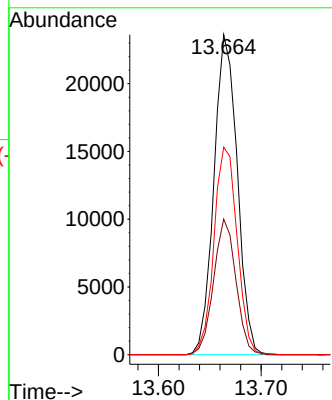
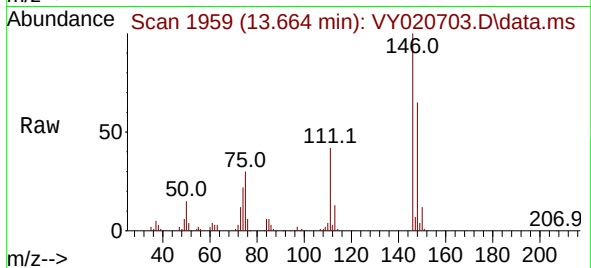
Tgt Ion:146 Resp: 37259

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 64.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.414 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

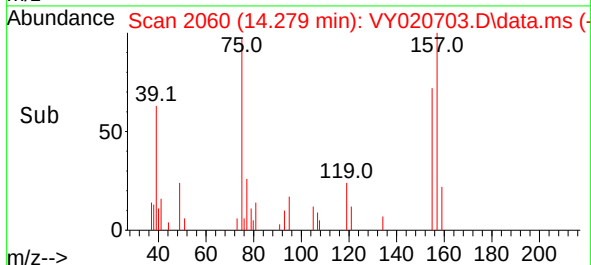
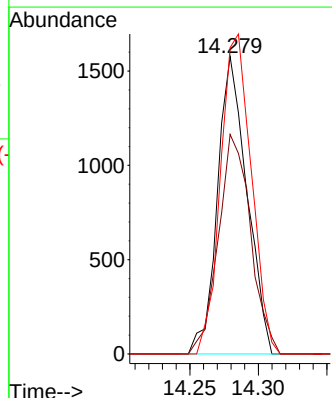
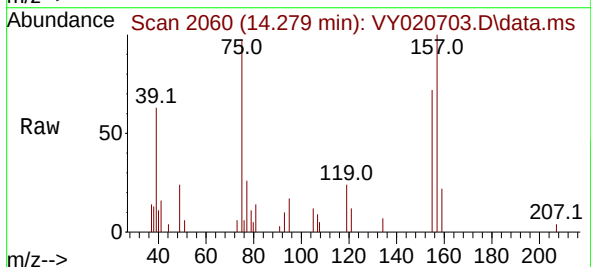
Tgt Ion: 75 Resp: 2361

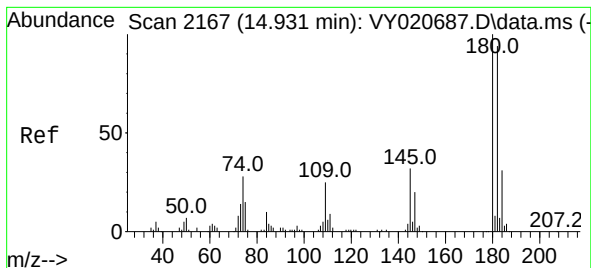
Ion Ratio Lower Upper

75 100

155 80.4 43.4 130.2

157 112.2 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 20.661 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBSD01

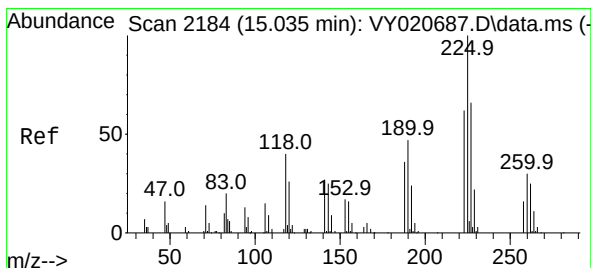
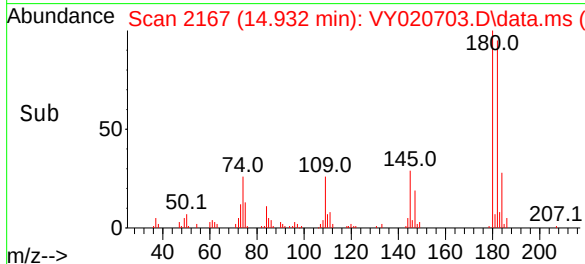
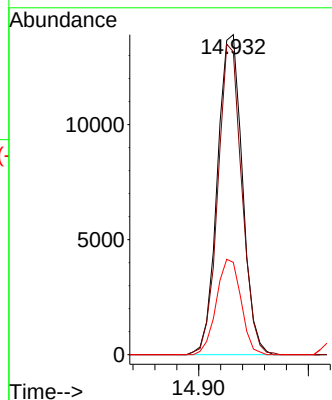
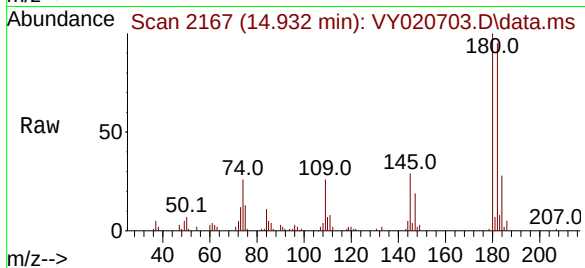
Tgt Ion:180 Resp: 21965

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.7

145 29.4 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.697 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

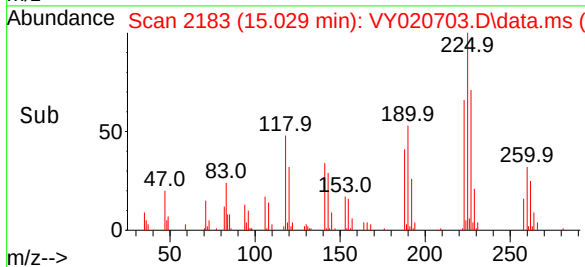
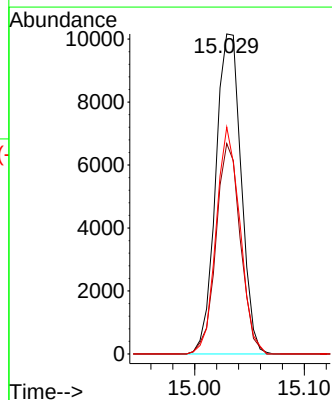
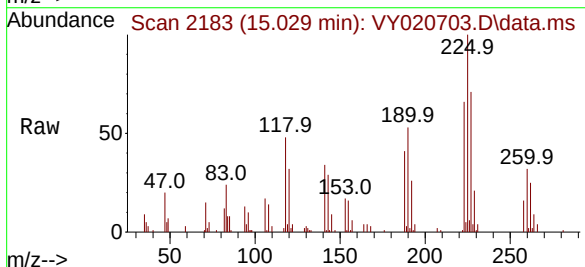
Tgt Ion:225 Resp: 16383

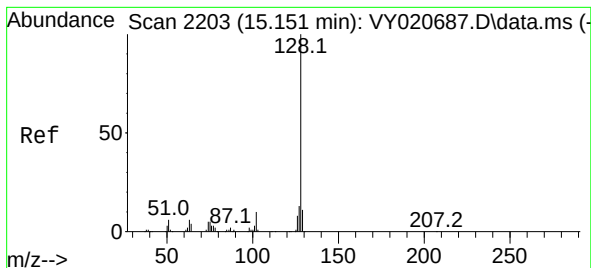
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 66.3 32.1 96.5





#95

Naphthalene

Concen: 19.827 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

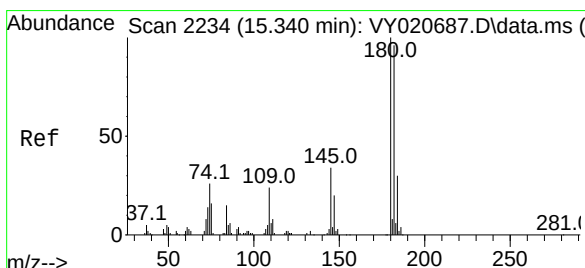
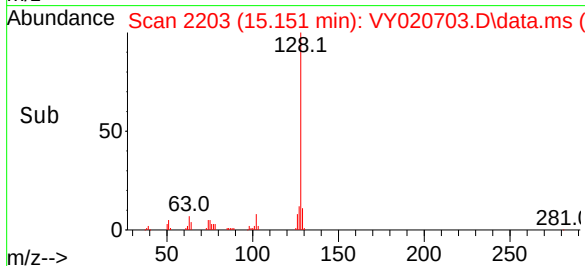
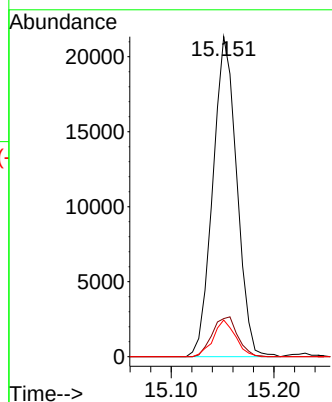
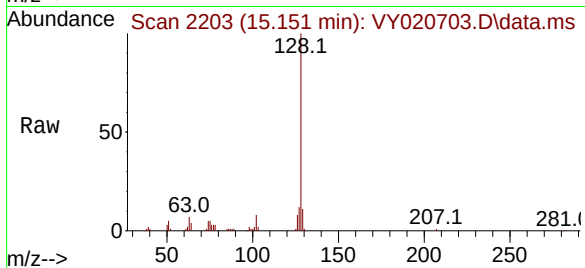
Tgt Ion:128 Resp: 34561

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.184 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020703.D

Acq: 23 Dec 2024 19:47

Tgt Ion:180 Resp: 17939

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.2

145 32.3 16.7 50.1

