

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020704.D
 Acq On : 23 Dec 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 25 01:04:01 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	7.719	168	103385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	145794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	126465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	66302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	47124	51.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.940%	
35) Dibromofluoromethane	7.646	113	42249	49.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.700%	
50) Toluene-d8	10.115	98	164066	52.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.414	95	56483	49.910	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39070	49.053	ug/l	96
3) Chloromethane	2.074	50	15804	48.704	ug/l	95
4) Vinyl Chloride	2.214	62	17896	45.236	ug/l	98
5) Bromomethane	2.611	94	13776	49.313	ug/l	97
6) Chloroethane	2.745	64	11432	47.545	ug/l	91
7) Trichlorofluoromethane	3.074	101	70652	49.661	ug/l	98
8) Diethyl Ether	3.464	74	17429	51.181	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	37478	48.241	ug/l	97
10) Methyl Iodide	4.019	142	45751	51.122	ug/l	98
11) Tert butyl alcohol	4.878	59	12554	171.272	ug/l #	95
12) 1,1-Dichloroethene	3.799	96	34679	50.296	ug/l	95
13) Acrolein	3.665	56	2863	175.643	ug/l	98
14) Allyl chloride	4.397	41	41616	51.470	ug/l	96
15) Acrylonitrile	5.073	53	32265	257.052	ug/l	97
16) Acetone	3.879	43	23495	224.651	ug/l	99
17) Carbon Disulfide	4.116	76	89362	51.983	ug/l	99
18) Methyl Acetate	4.403	43	14129	52.218	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	96927	51.682	ug/l	99
20) Methylene Chloride	4.628	84	35371	50.754	ug/l	92
21) trans-1,2-Dichloroethene	5.134	96	38121	51.276	ug/l	97
22) Diisopropyl ether	6.037	45	85498	51.724	ug/l	97
23) Vinyl Acetate	5.970	43	249368	254.770	ug/l	100
24) 1,1-Dichloroethane	5.933	63	64116	52.032	ug/l	98
25) 2-Butanone	6.909	43	35631	242.527	ug/l	98
26) 2,2-Dichloropropane	6.896	77	74414	48.269	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	45596	51.493	ug/l	99
28) Bromochloromethane	7.256	49	19178	52.179	ug/l	96
29) Tetrahydrofuran	7.268	42	21965	254.369	ug/l	99
30) Chloroform	7.433	83	80976	49.994	ug/l	97
31) Cyclohexane	7.713	56	50063	46.337	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	85341	50.435	ug/l	99
36) 1,1-Dichloropropene	7.847	75	52375	50.333	ug/l	98
37) Ethyl Acetate	6.988	43	17284	48.851	ug/l	99
38) Carbon Tetrachloride	7.829	117	85120	50.550	ug/l	97
39) Methylcyclohexane	9.115	83	67439	50.989	ug/l	97
40) Benzene	8.091	78	155801	51.901	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	9157	47.528	ug/l	97
42) 1,2-Dichloroethane	8.164	62	49338	51.679	ug/l	99
43) Isopropyl Acetate	8.207	43	36640	51.839	ug/l #	84
44) Trichloroethene	8.872	130	44640	50.106	ug/l	99
45) 1,2-Dichloropropane	9.146	63	30392	51.529	ug/l	97
46) Dibromomethane	9.237	93	21853	53.670	ug/l	94
47) Bromodichloromethane	9.432	83	59824	51.794	ug/l	92
48) Methyl methacrylate	9.225	41	16617	49.594	ug/l	98
49) 1,4-Dioxane	9.237	88	4411	1155.007	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	88277	250.023	ug/l	99
52) Toluene	10.176	92	107314	52.497	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	53257	52.109	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	58353	51.816	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	27194	51.580	ug/l	97
56) Ethyl methacrylate	10.444	69	36039	53.588	ug/l	99
57) 1,3-Dichloropropane	10.719	76	45260	52.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	70747	281.507	ug/l	99
59) 2-Hexanone	10.768	43	59383	264.044	ug/l	99
60) Dibromochloromethane	10.914	129	44838	53.267	ug/l	100
61) 1,2-Dibromoethane	11.024	107	25312	51.212	ug/l	99
64) Tetrachloroethene	10.652	164	42528	50.635	ug/l	98
65) Chlorobenzene	11.450	112	121510	51.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	47276	51.228	ug/l	98
67) Ethyl Benzene	11.524	91	214345	50.554	ug/l	100
68) m/p-Xylenes	11.633	106	164557	101.778	ug/l	99
69) o-Xylene	11.963	106	78598	51.751	ug/l	99
70) Styrene	11.975	104	133817	52.384	ug/l	99
71) Bromoform	12.139	173	26828	50.753	ug/l #	98
73) Isopropylbenzene	12.261	105	219224	48.610	ug/l	99
74) N-amyl acetate	12.072	43	31826	50.222	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	27488	47.365	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	40188	87.891	ug/l #	100
77) Bromobenzene	12.536	156	51097	49.756	ug/l	98
78) n-propylbenzene	12.603	91	247710	48.719	ug/l	99
79) 2-Chlorotoluene	12.688	91	141572	48.911	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	186425	49.839	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10452	49.690	ug/l	97
82) 4-Chlorotoluene	12.786	91	146889	49.759	ug/l	99
83) tert-Butylbenzene	13.005	119	170884	49.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	181401	49.644	ug/l	100
85) sec-Butylbenzene	13.182	105	231763	49.454	ug/l	100
86) p-Isopropyltoluene	13.298	119	207000	50.523	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	99861	50.056	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	98479	50.384	ug/l	98
89) n-Butylbenzene	13.627	91	174927	50.680	ug/l	100
90) Hexachloroethane	13.889	117	38801	49.920	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	85918	50.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5399	48.822	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	56391	55.478	ug/l	100
94) Hexachlorobutadiene	15.029	225	39605	52.330	ug/l	99
95) Naphthalene	15.151	128	91326	48.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	45813	53.910	ug/l	98

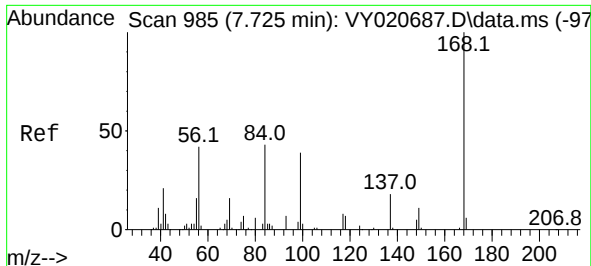
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Quant Title : SW846 8260
QLast Update : Wed Dec 25 00:58:45 2024
Response via : Initial Calibration

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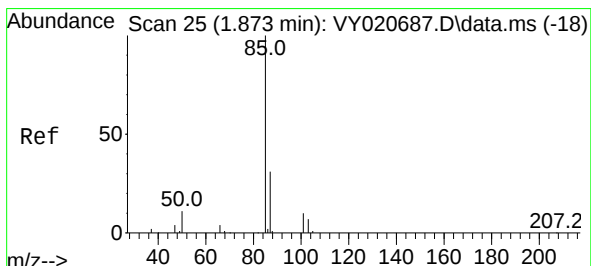
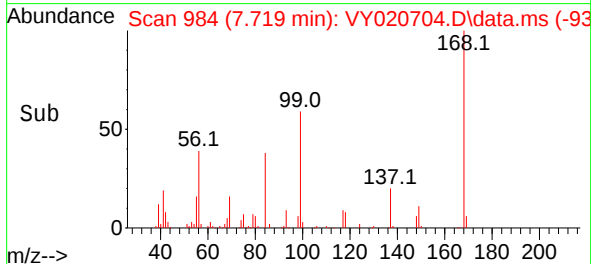
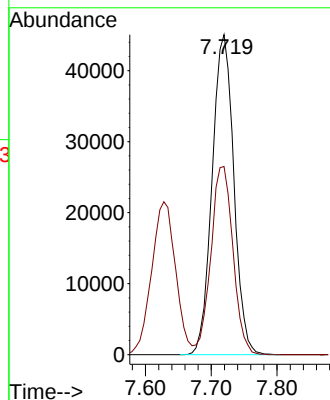
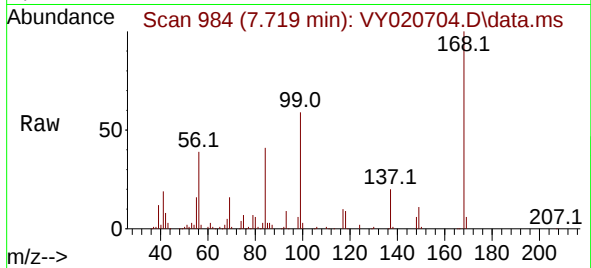
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

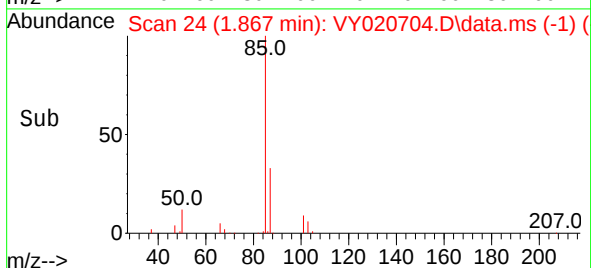
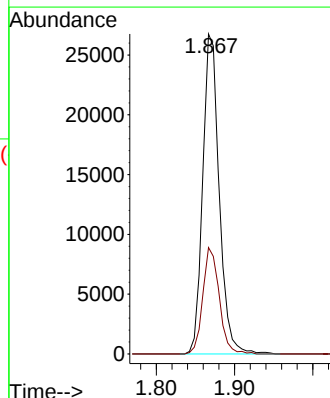
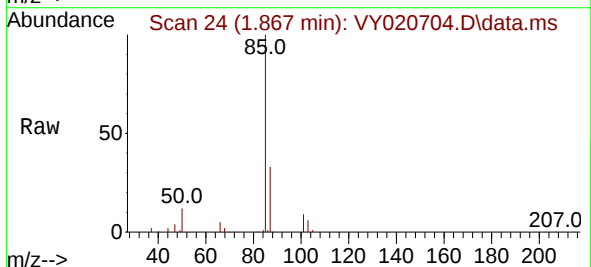
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ClientSampleId :

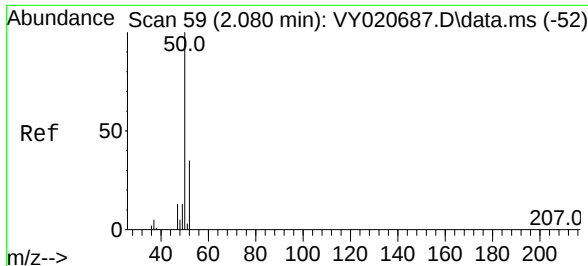
Tgt Ion:168 Resp: 103385
Ion Ratio Lower Upper
168 100
99 58.8 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 49.053 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 85 Resp: 39070
Ion Ratio Lower Upper
85 100
87 33.2 15.4 46.4

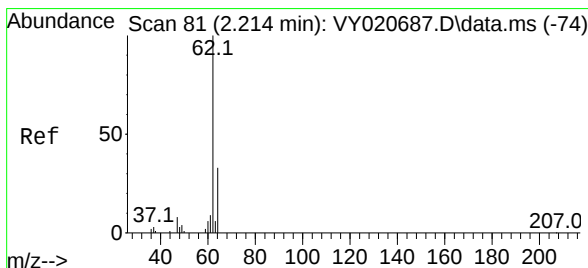
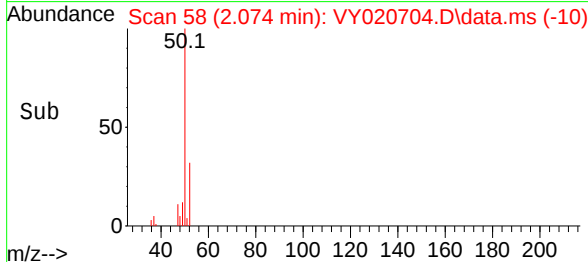
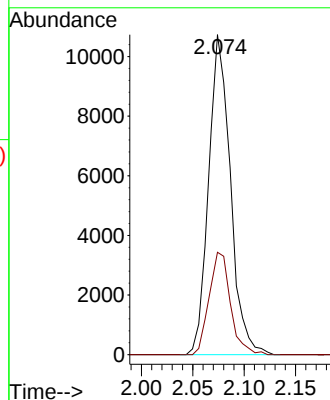
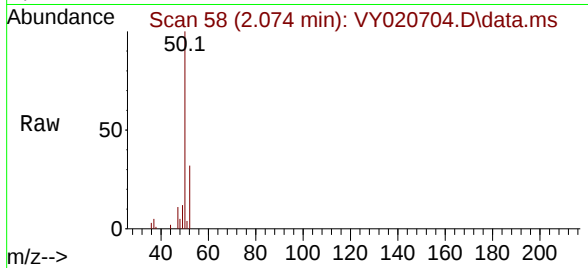




#3
Chloromethane
Concen: 48.704 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

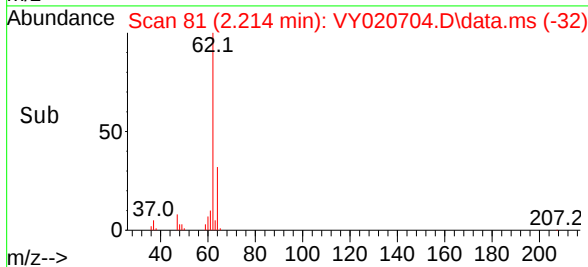
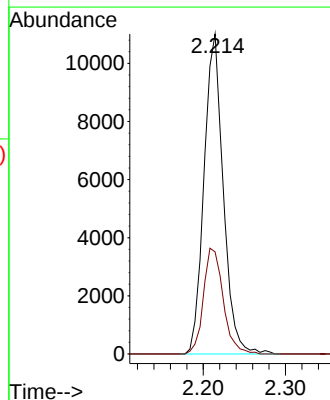
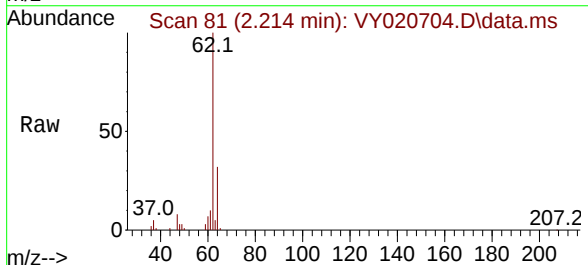
Instrument :
MSVOA_Y
ClientSampleId :

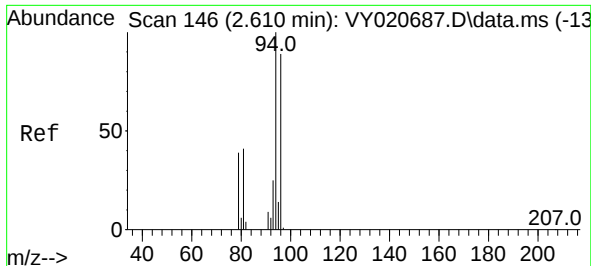
Tgt Ion: 50 Resp: 15804
Ion Ratio Lower Upper
50 100
52 32.0 28.2 42.2



#4
Vinyl Chloride
Concen: 45.236 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 62 Resp: 17896
Ion Ratio Lower Upper
62 100
64 31.9 26.6 40.0

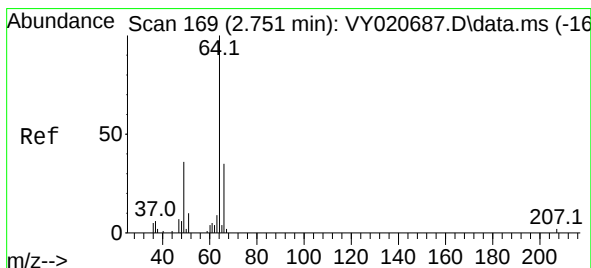
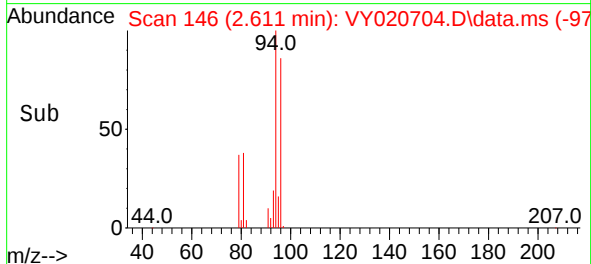
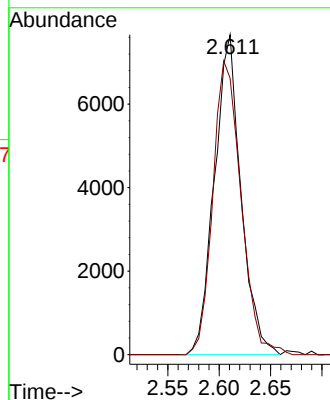
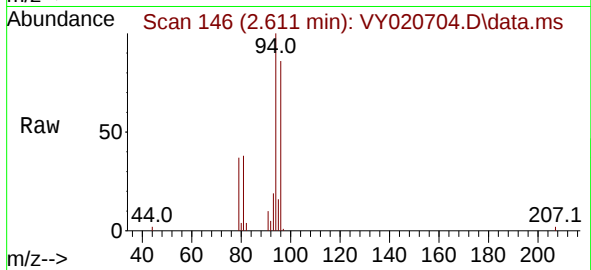




#5
Bromomethane
Concen: 49.313 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

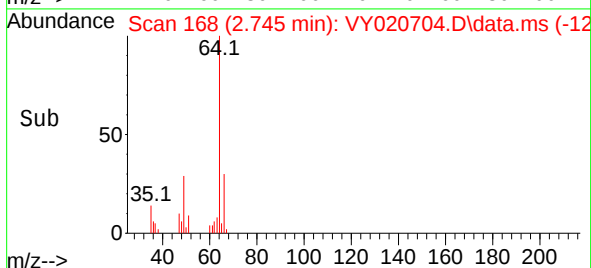
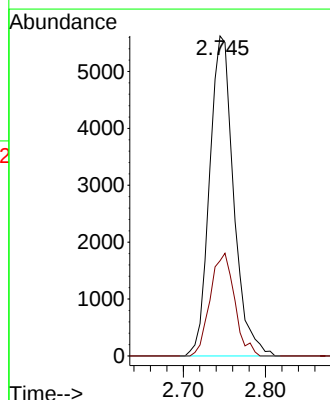
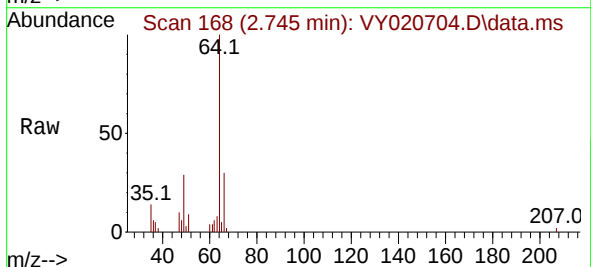
Instrument :
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ClientSampleId :

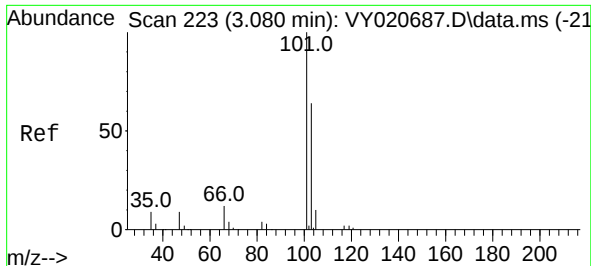
Tgt Ion: 94 Resp: 13776
Ion Ratio Lower Upper
94 100
96 86.4 71.0 106.6



#6
Chloroethane
Concen: 47.545 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 64 Resp: 11432
Ion Ratio Lower Upper
64 100
66 29.7 27.8 41.8

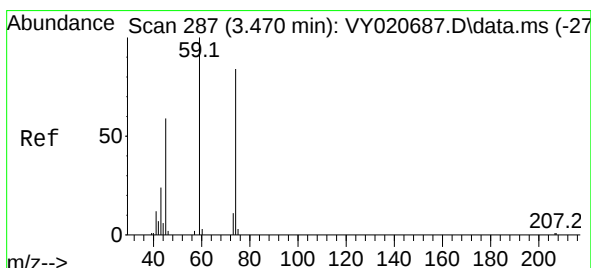
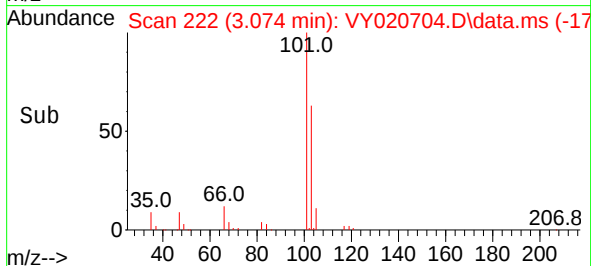
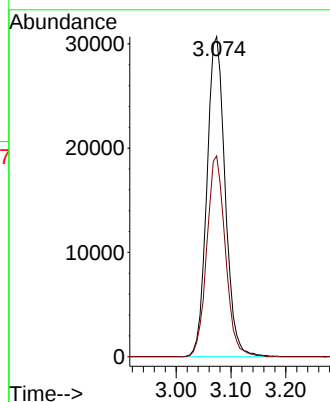
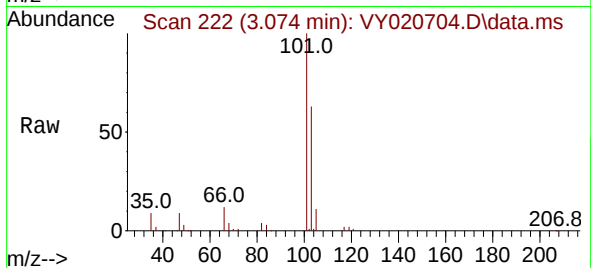




#7
Trichlorofluoromethane
Concen: 49.661 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

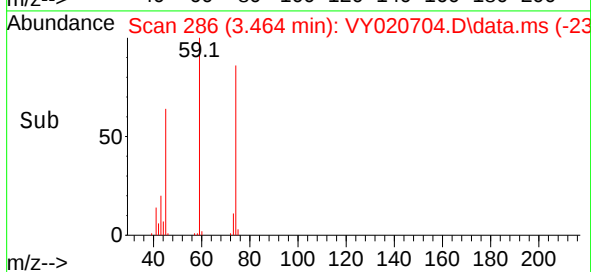
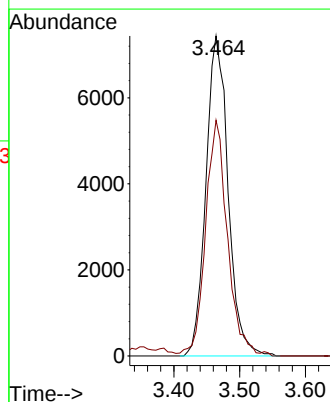
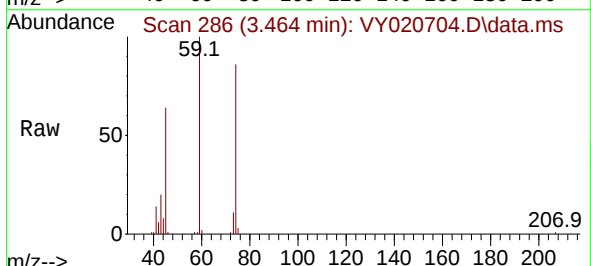
Instrument :
MSVOA_Y
ClientSampleId :

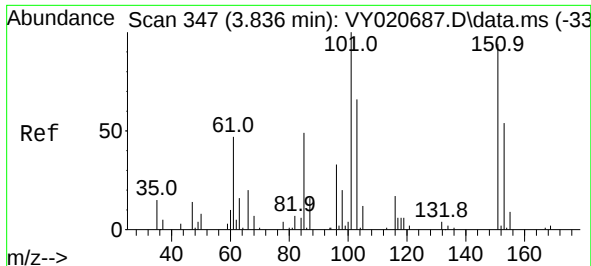
Tgt Ion:101 Resp: 70652
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0



#8
Diethyl Ether
Concen: 51.181 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 74 Resp: 17429
Ion Ratio Lower Upper
74 100
45 73.0 35.8 107.4

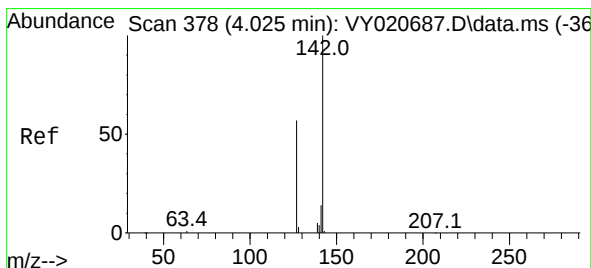
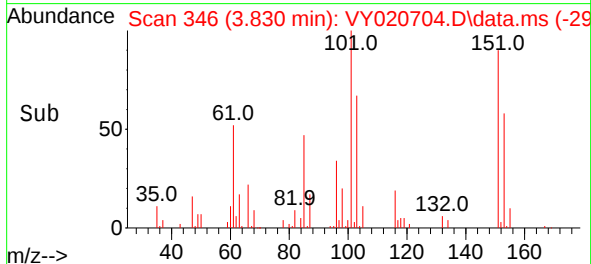
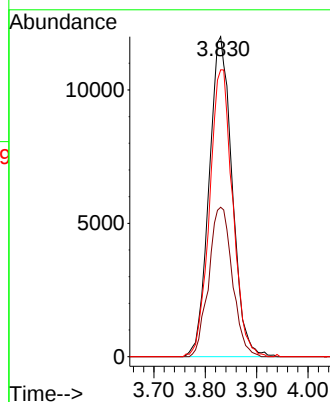
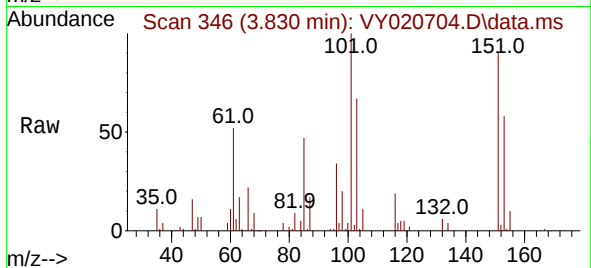




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.241 ug/l
RT: 3.830 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

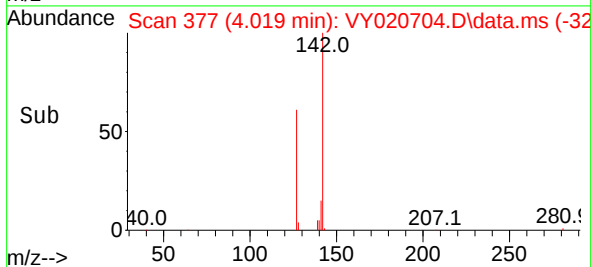
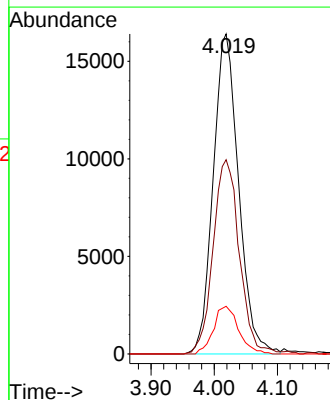
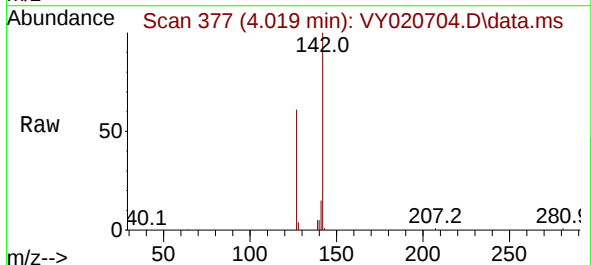
Instrument :
MSVOA_Y
ClientSampleId :

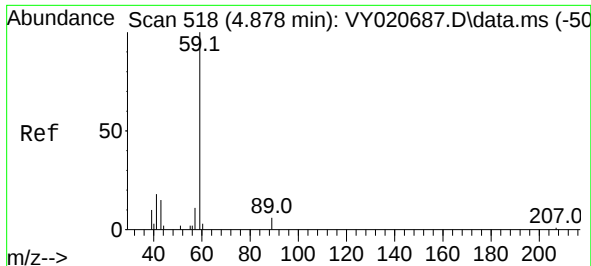
Tgt Ion:101 Resp: 37478
Ion Ratio Lower Upper
101 100
85 47.6 38.2 57.2
151 89.5 68.4 102.6



#10
Methyl Iodide
Concen: 51.122 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion:142 Resp: 45751
Ion Ratio Lower Upper
142 100
127 62.5 48.8 73.2
141 14.7 11.9 17.9

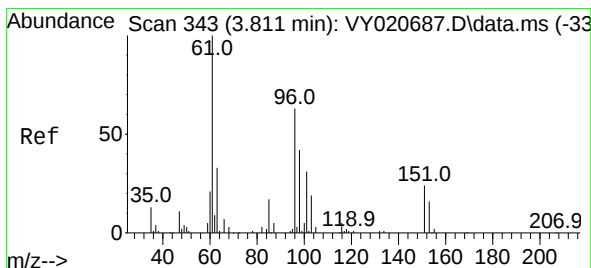
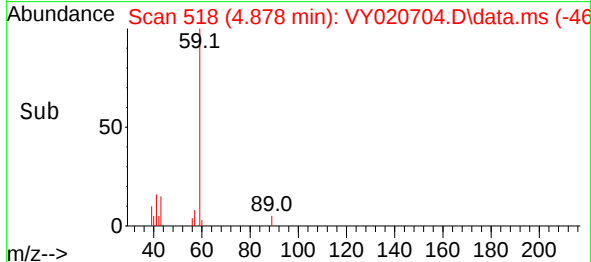
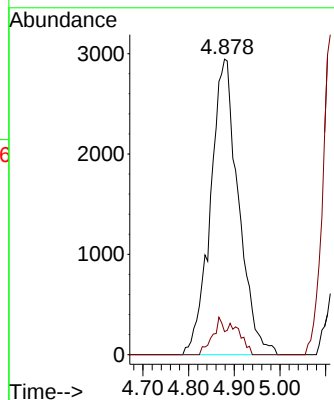
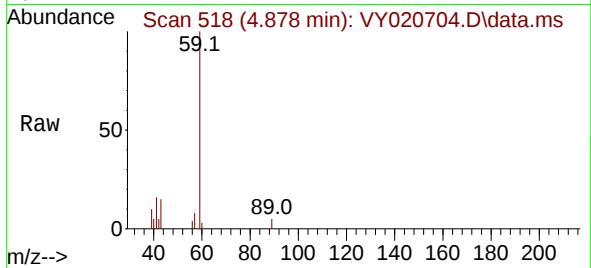




#11
Tert butyl alcohol
Concen: 171.272 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

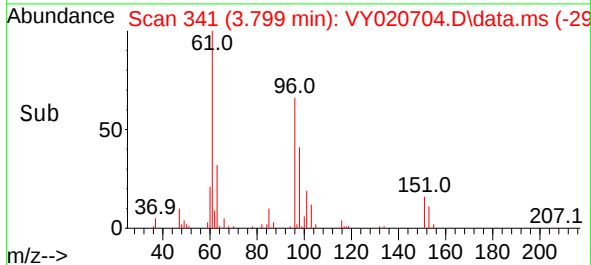
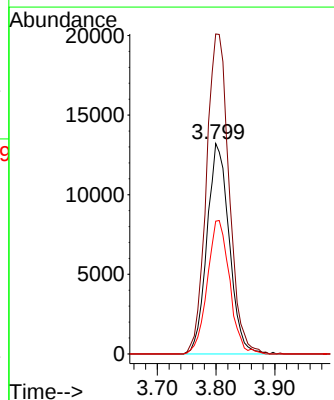
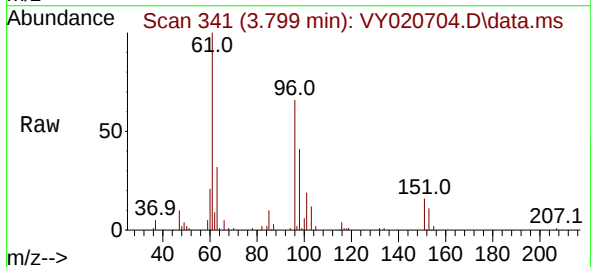
Instrument :
MSVOA_Y
ClientSampleId :

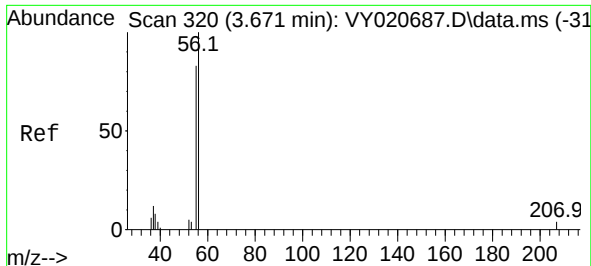
Tgt Ion: 59 Resp: 12554
Ion Ratio Lower Upper
59 100
57 5.1 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 50.296 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

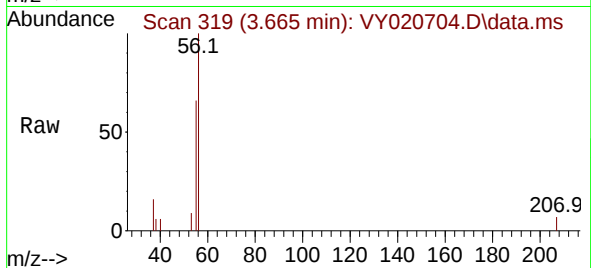
Tgt Ion: 96 Resp: 34679
Ion Ratio Lower Upper
96 100
61 152.1 127.1 190.7
98 63.1 53.4 80.0



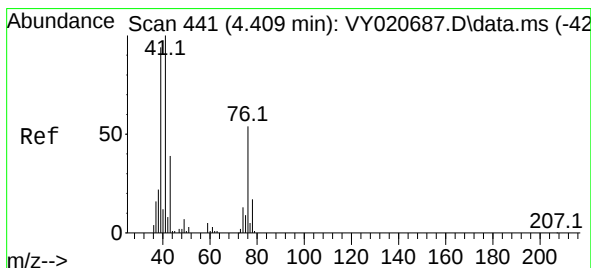
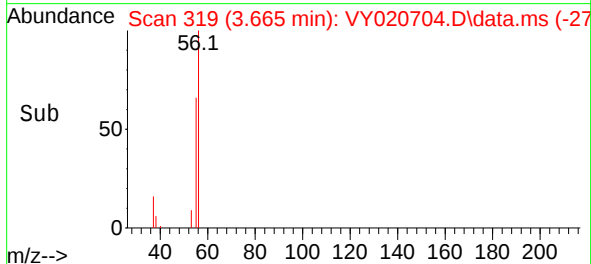
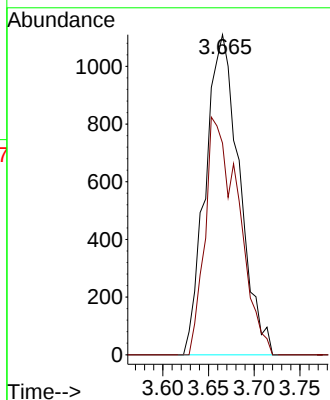


#13
Acrolein
Concen: 175.643 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

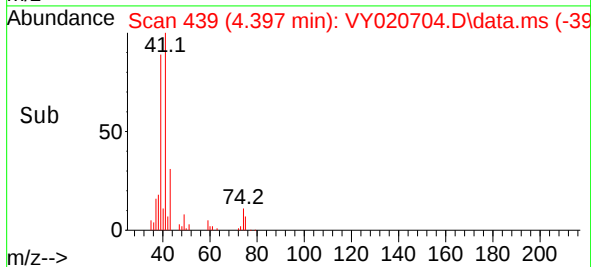
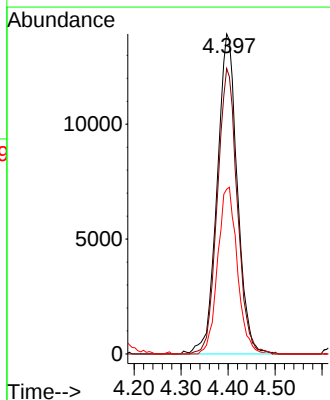
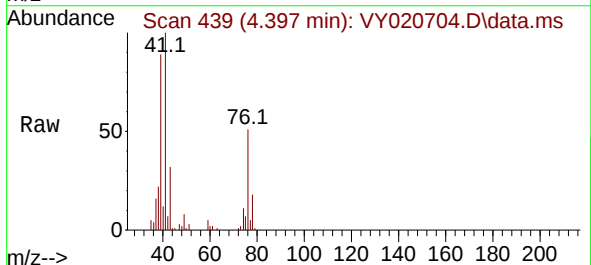


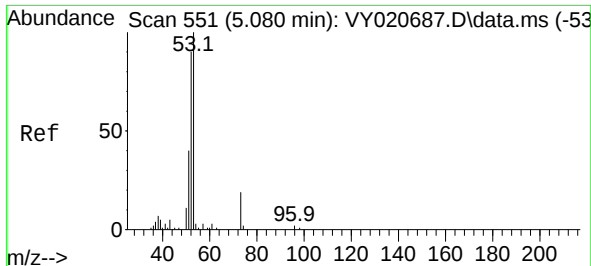
Tgt Ion: 56 Resp: 2863
Ion Ratio Lower Upper
56 100
55 73.1 57.0 85.4



#14
Allyl chloride
Concen: 51.470 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 41 Resp: 41616
Ion Ratio Lower Upper
41 100
39 87.9 73.5 110.3
76 50.6 41.8 62.8





#15

Acrylonitrile

Concen: 257.052 ug/l

RT: 5.073 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

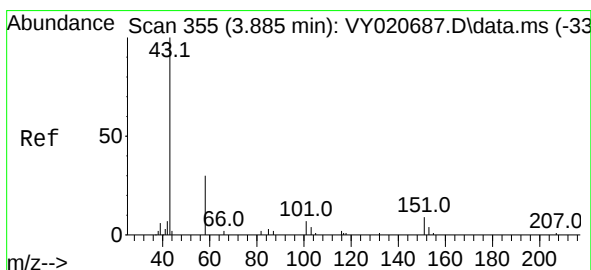
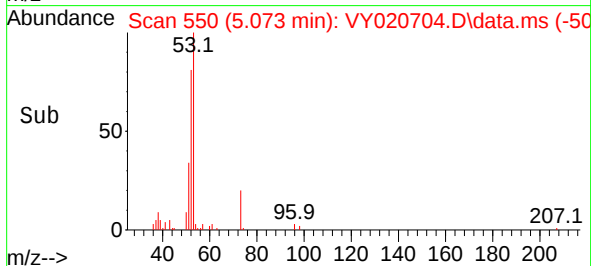
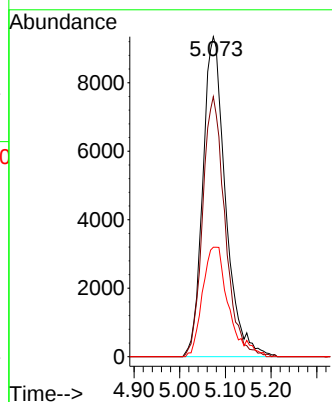
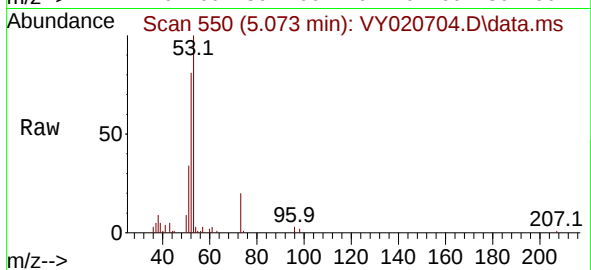
Tgt Ion: 53 Resp: 32265

Ion Ratio Lower Upper

53 100

52 80.1 67.1 100.7

51 39.1 31.4 47.0



#16

Acetone

Concen: 224.651 ug/l

RT: 3.879 min Scan# 354

Delta R.T. -0.006 min

Lab File: VY020704.D

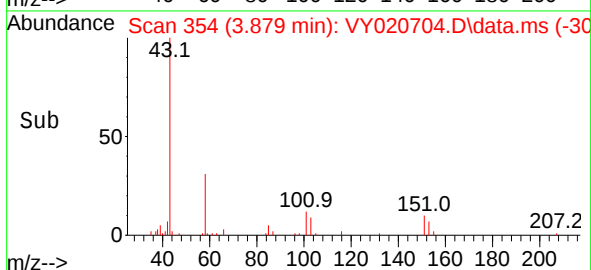
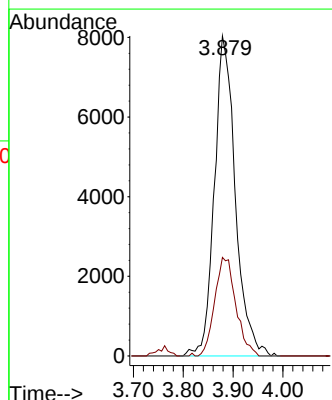
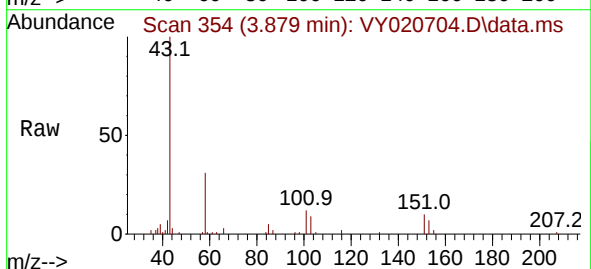
Acq: 23 Dec 2024 20:10

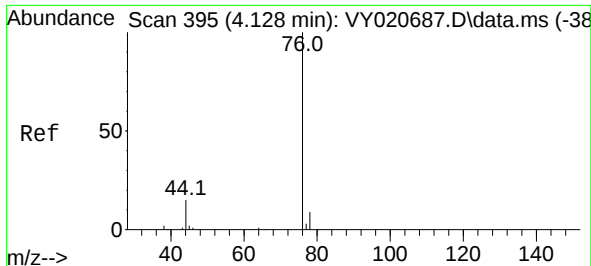
Tgt Ion: 43 Resp: 23495

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6





#17

Carbon Disulfide

Concen: 51.983 ug/l

RT: 4.116 min Scan# 393

Delta R.T. -0.012 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

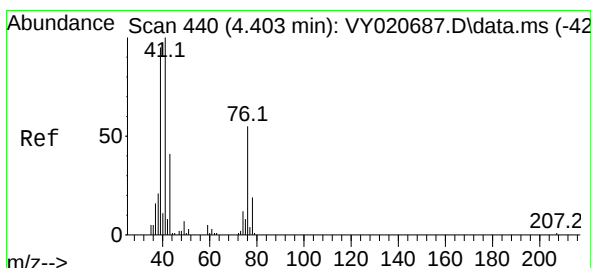
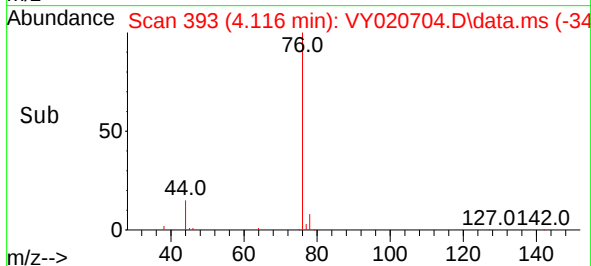
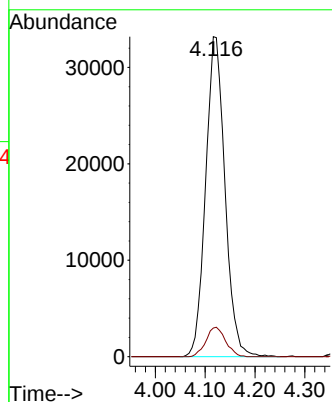
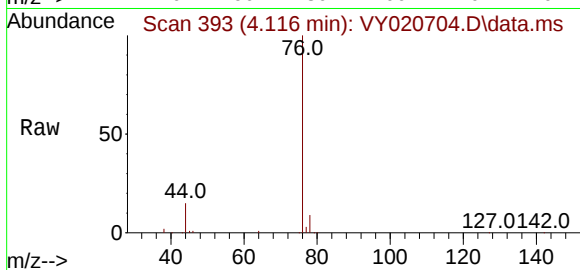
ClientSampleId :

Tgt Ion: 76 Resp: 89362

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3



#18

Methyl Acetate

Concen: 52.218 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.000 min

Lab File: VY020704.D

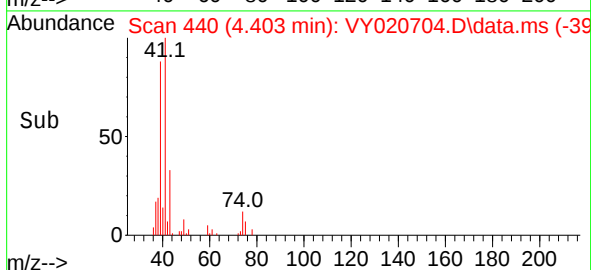
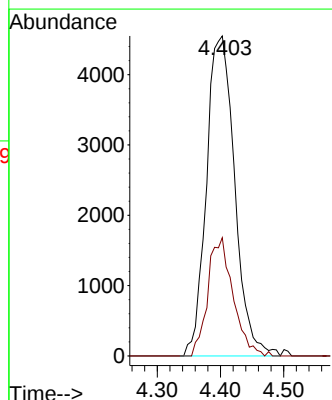
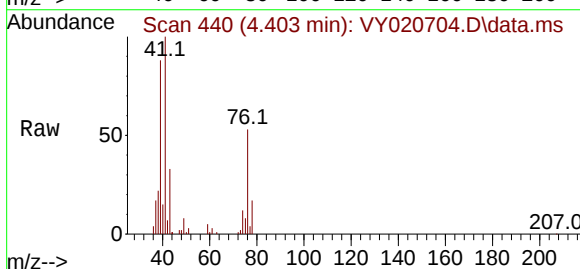
Acq: 23 Dec 2024 20:10

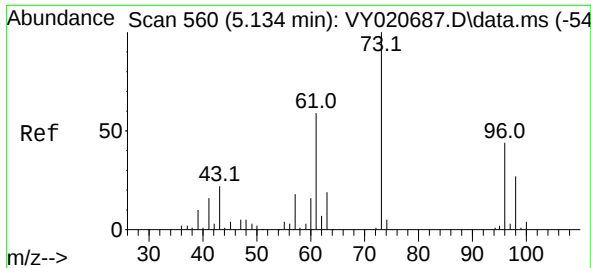
Tgt Ion: 43 Resp: 14129

Ion Ratio Lower Upper

43 100

74 32.9 25.3 37.9

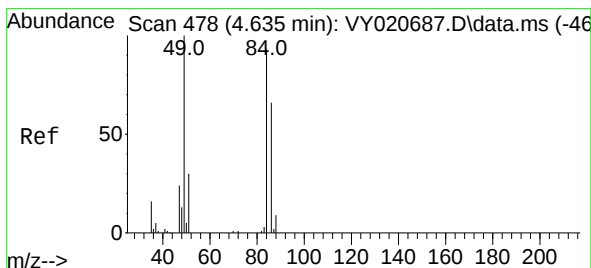
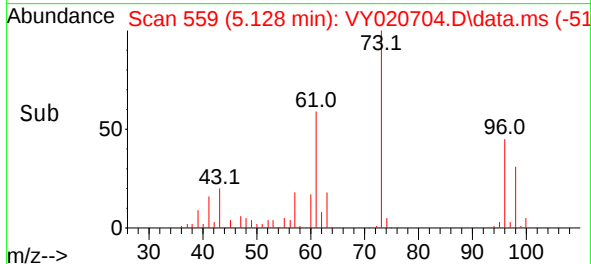
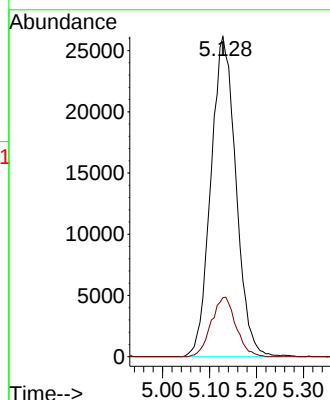
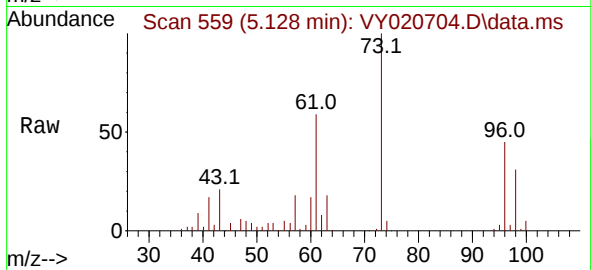




#19
Methyl tert-butyl Ether
Concen: 51.682 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

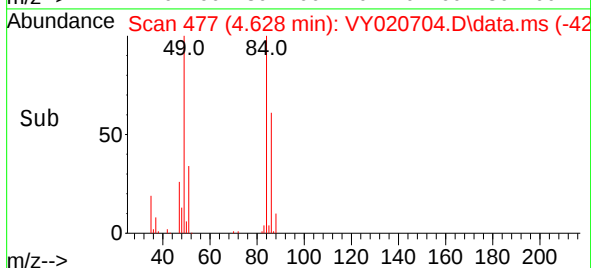
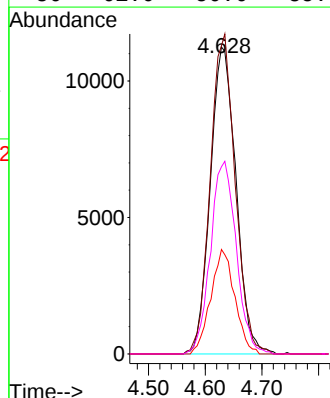
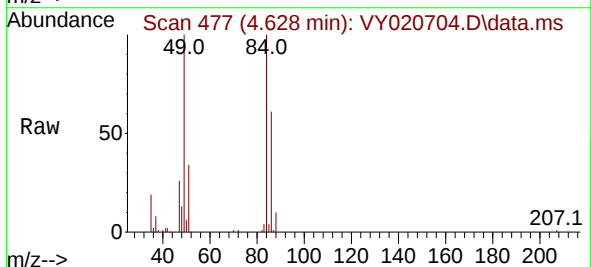
Instrument :
MSVOA_Y
ClientSampleId :

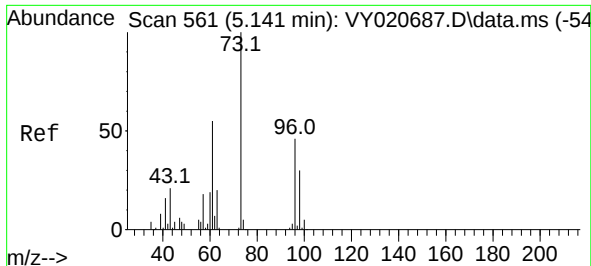
Tgt Ion: 73 Resp: 96927
Ion Ratio Lower Upper
73 100
57 18.5 14.4 21.6



#20
Methylene Chloride
Concen: 50.754 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

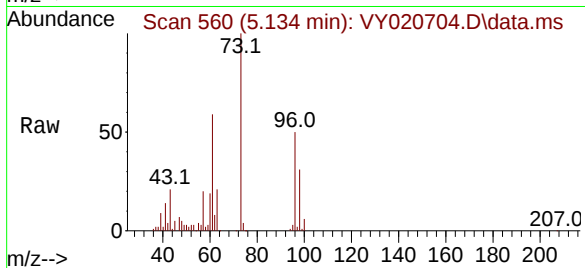
Tgt Ion: 84 Resp: 35371
Ion Ratio Lower Upper
84 100
49 100.5 86.4 129.6
51 34.1 25.5 38.3
86 61.0 56.6 85.0



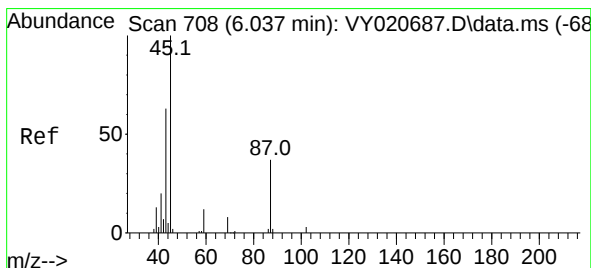
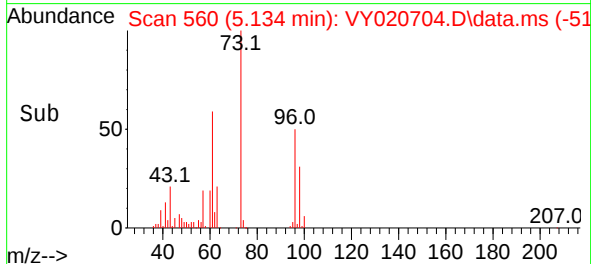
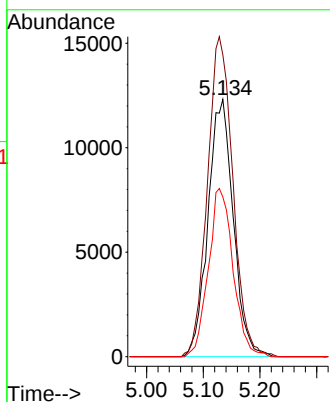


#21
trans-1,2-Dichloroethene
Concen: 51.276 ug/l
RT: 5.134 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

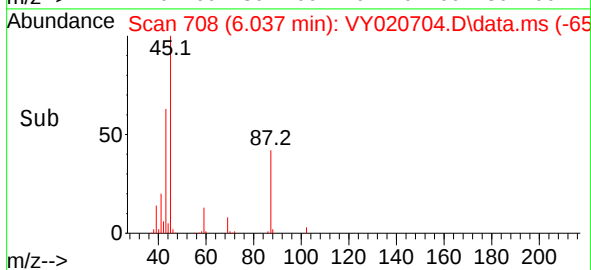
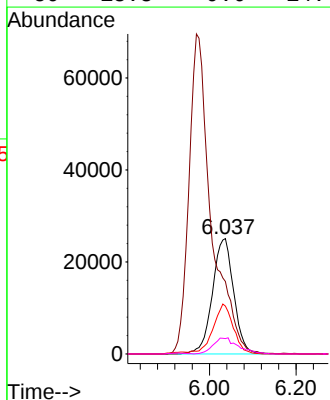
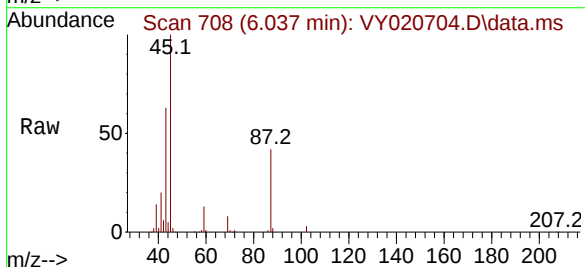


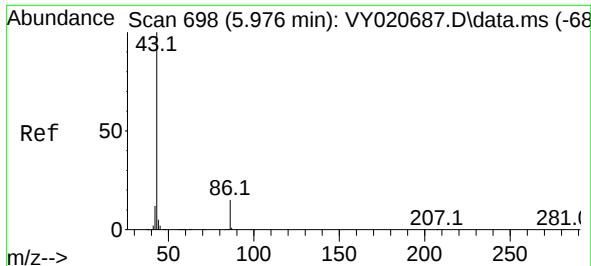
Tgt Ion: 96 Resp: 38121
Ion Ratio Lower Upper
96 100
61 117.4 96.1 144.1
98 62.1 52.7 79.1



#22
Diisopropyl ether
Concen: 51.724 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 45 Resp: 85498
Ion Ratio Lower Upper
45 100
43 62.5 51.3 76.9
87 41.5 30.6 46.0
59 13.3 9.6 14.4

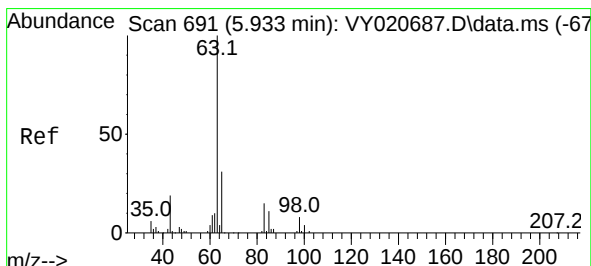
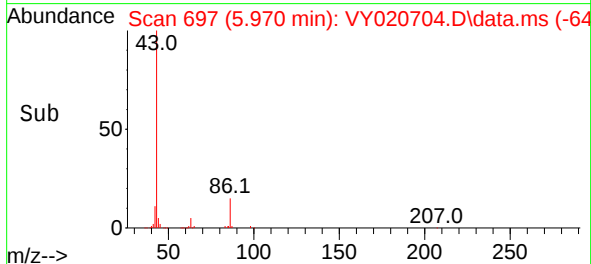
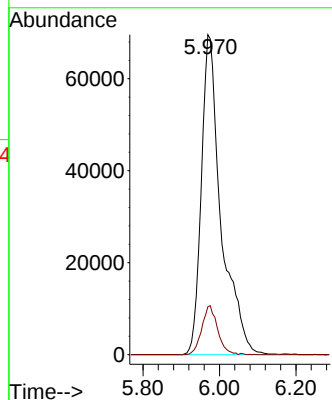
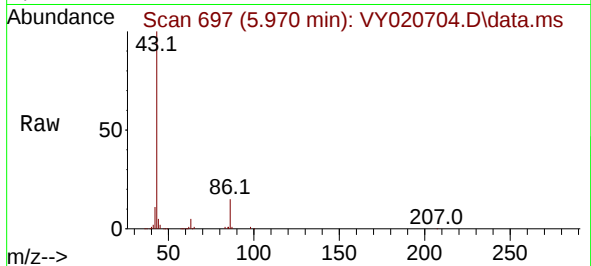




#23
 Vinyl Acetate
 Concen: 254.770 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020704.D
 Acq: 23 Dec 2024 20:10

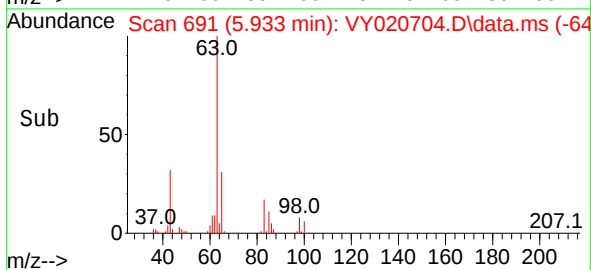
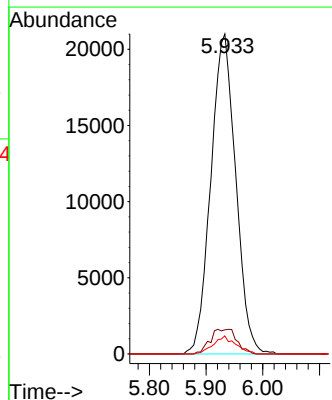
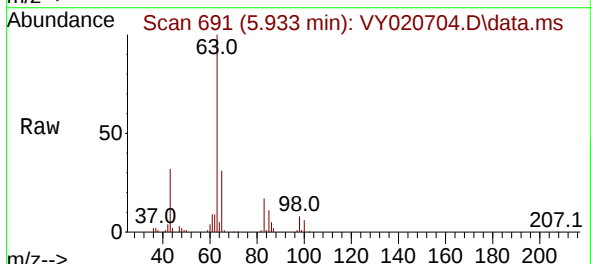
Instrument :
 MSVOA_Y
 ClientSampleId :

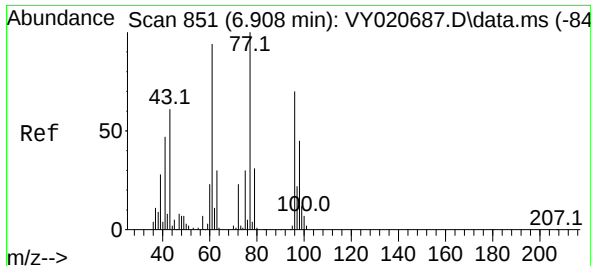
Tgt Ion: 43 Resp: 249368
 Ion Ratio Lower Upper
 43 100
 86 15.0 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 52.032 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020704.D
 Acq: 23 Dec 2024 20:10

Tgt Ion: 63 Resp: 64116
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 5.7 2.1 6.2





#25

2-Butanone

Concen: 242.527 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

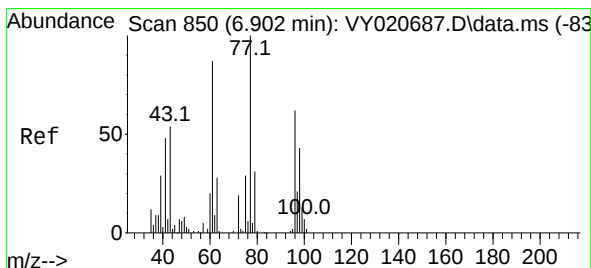
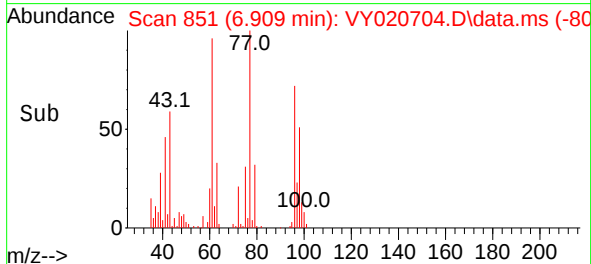
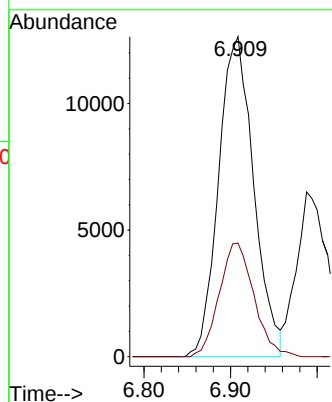
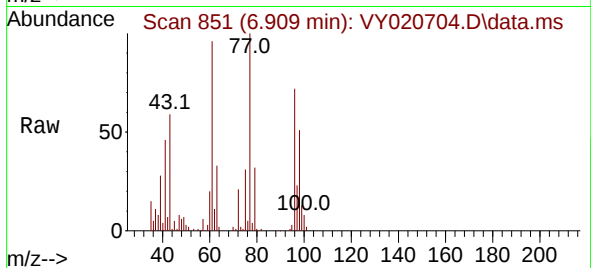
ClientSampleId :

Tgt Ion: 43 Resp: 35631

Ion Ratio Lower Upper

43 100

72 35.5 29.5 44.3



#26

2,2-Dichloropropane

Concen: 48.269 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020704.D

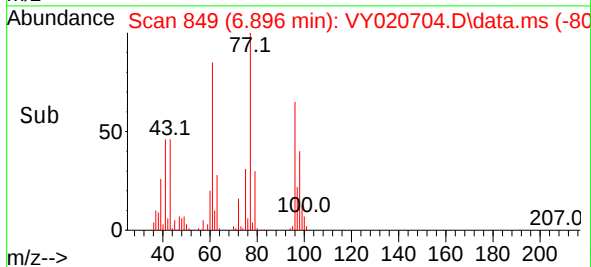
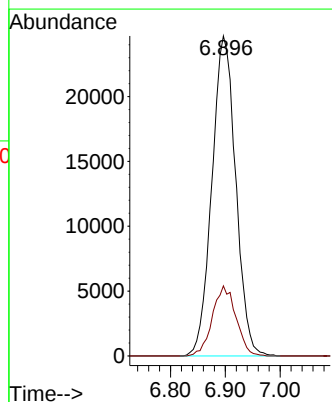
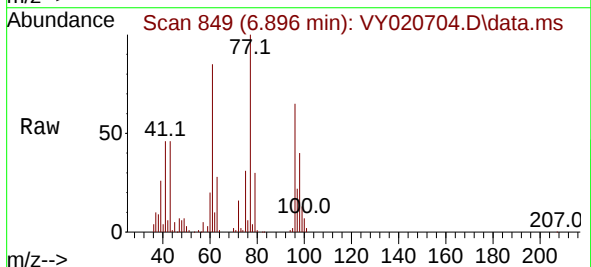
Acq: 23 Dec 2024 20:10

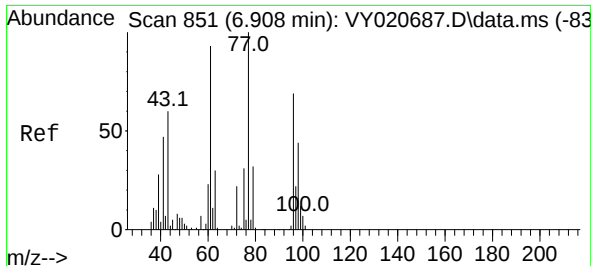
Tgt Ion: 77 Resp: 74414

Ion Ratio Lower Upper

77 100

97 21.7 10.8 32.4

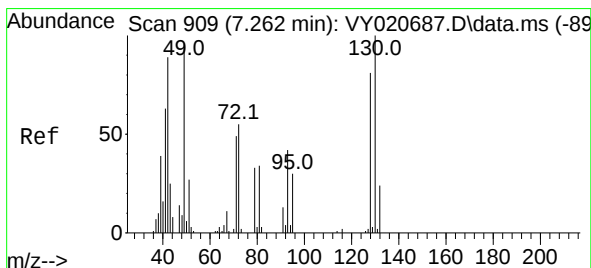
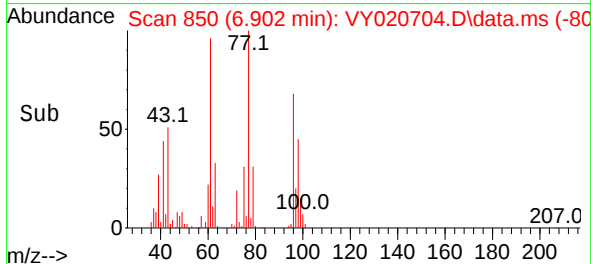
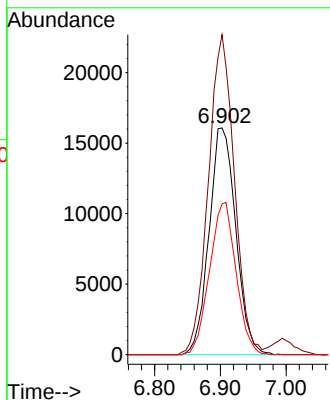
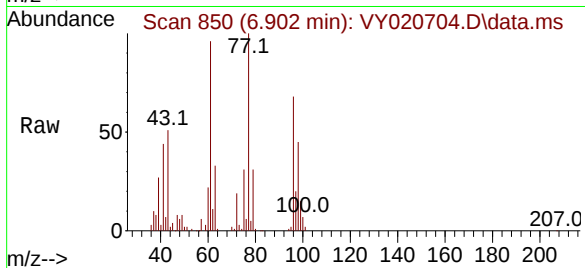




#27
 cis-1,2-Dichloroethene
 Concen: 51.493 ug/l
 RT: 6.902 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: VY020704.D
 Acq: 23 Dec 2024 20:10

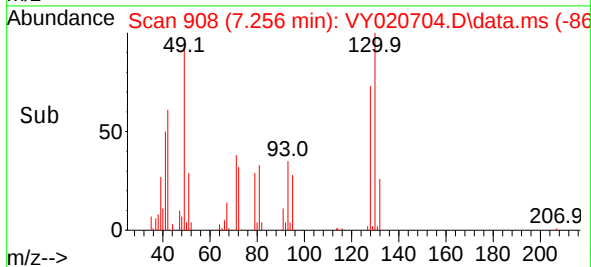
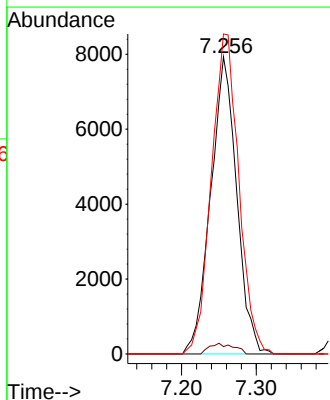
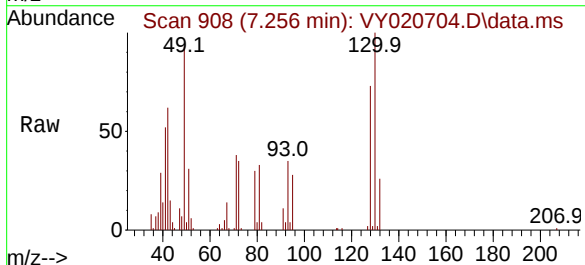
Instrument :
 MSVOA_Y
 ClientSampleId :

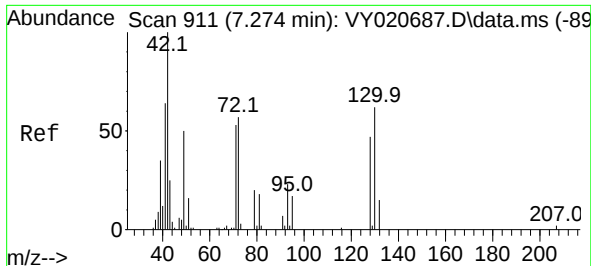
Tgt Ion: 96 Resp: 45596
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 277.2
 98 66.5 0.0 131.0



#28
 Bromochloromethane
 Concen: 52.179 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020704.D
 Acq: 23 Dec 2024 20:10

Tgt Ion: 49 Resp: 19178
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 5.4
 130 113.6 87.2 130.8





#29

Tetrahydrofuran

Concen: 254.369 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

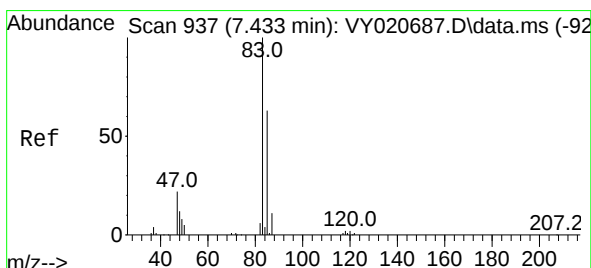
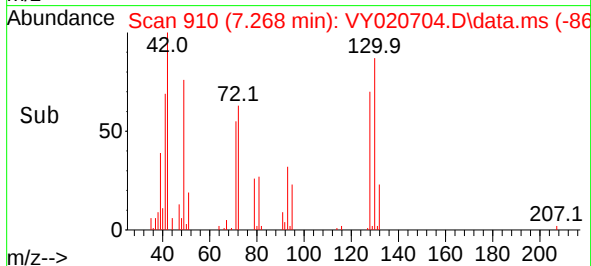
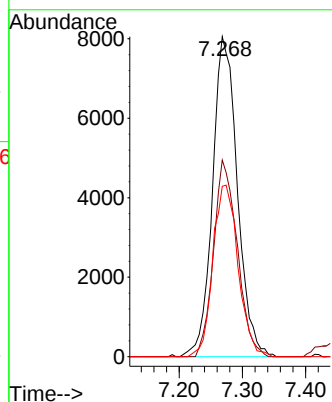
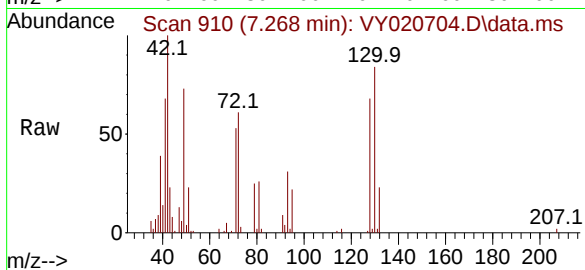
Tgt Ion: 42 Resp: 21965

Ion Ratio Lower Upper

42 100

72 58.5 47.4 71.0

71 54.5 42.8 64.2



#30

Chloroform

Concen: 49.994 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.000 min

Lab File: VY020704.D

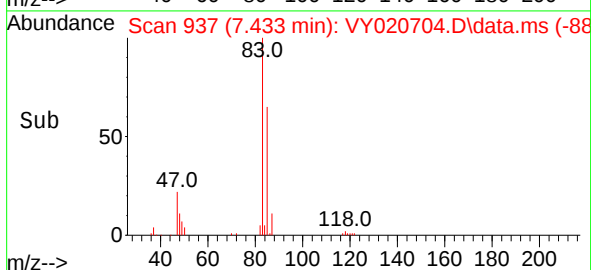
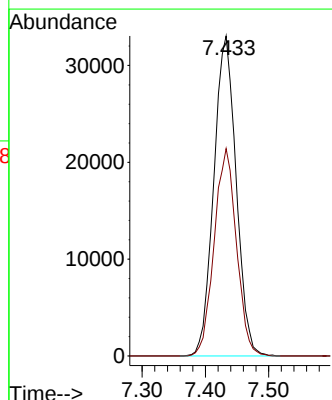
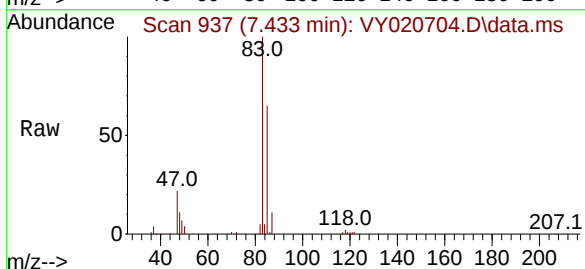
Acq: 23 Dec 2024 20:10

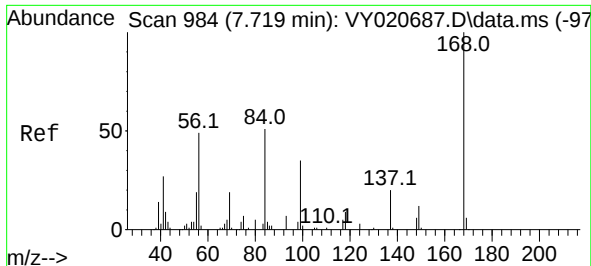
Tgt Ion: 83 Resp: 80976

Ion Ratio Lower Upper

83 100

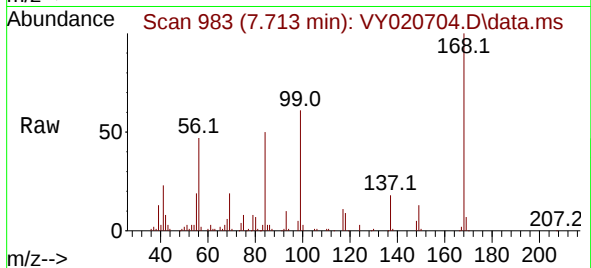
85 64.8 50.2 75.2



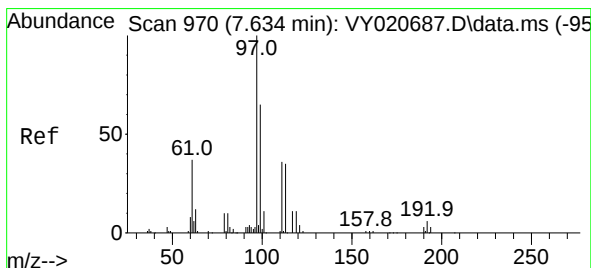
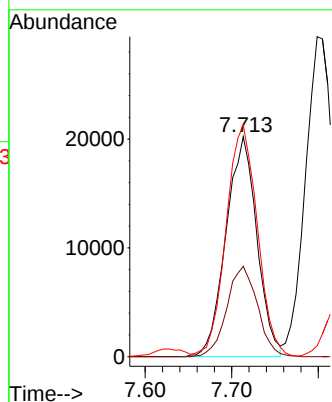
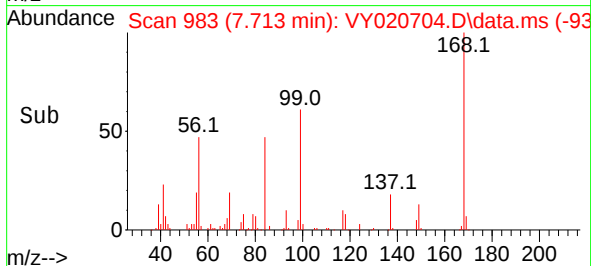


#31
Cyclohexane
Concen: 46.337 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

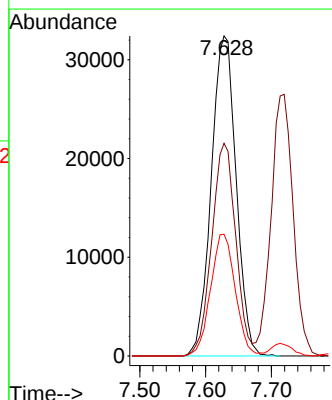
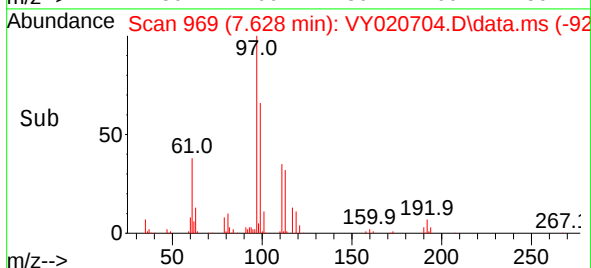
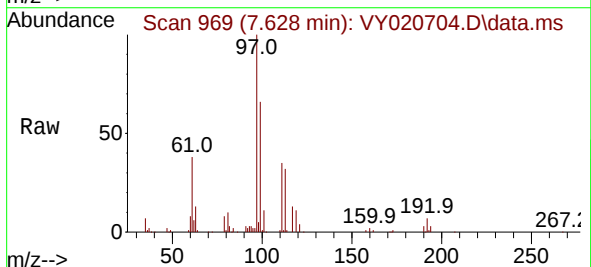


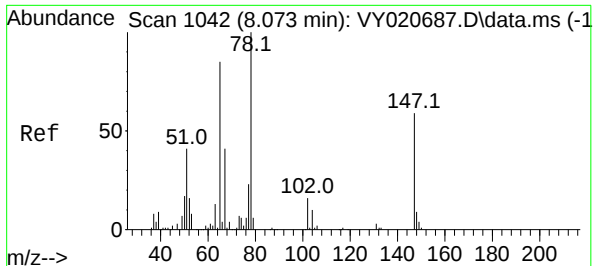
Tgt Ion: 56 Resp: 50063
Ion Ratio Lower Upper
56 100
69 41.1 31.3 46.9
84 102.3 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 50.435 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 97 Resp: 85341
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 37.9 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 51.467 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

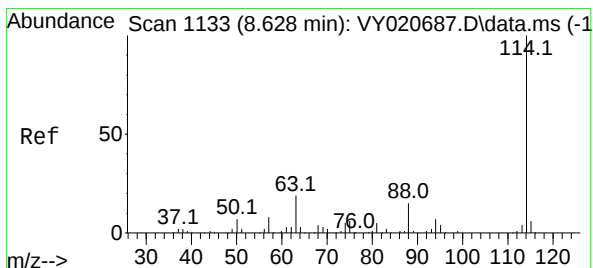
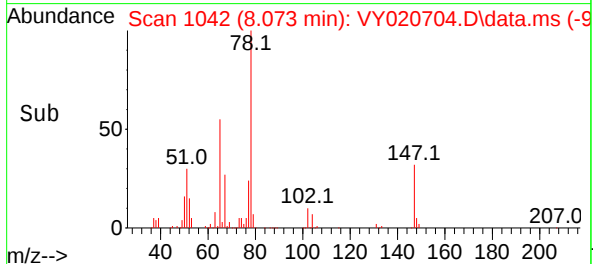
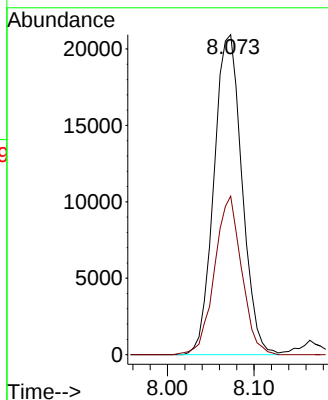
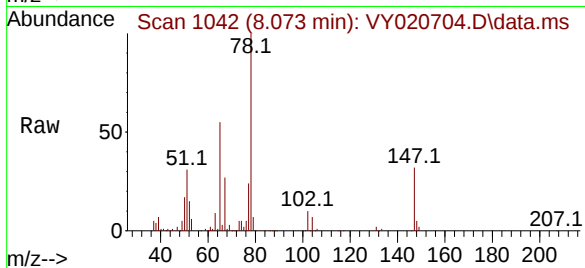
ClientSampleId :

Tgt Ion: 65 Resp: 47124

Ion Ratio Lower Upper

65 100

67 47.8 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: VY020704.D

Acq: 23 Dec 2024 20:10

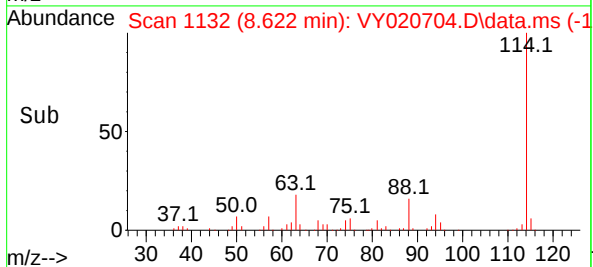
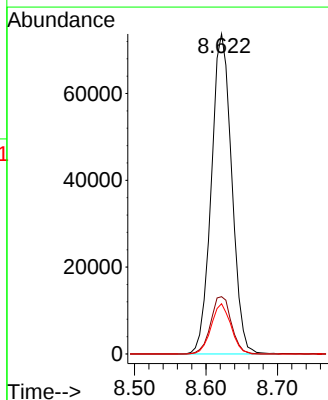
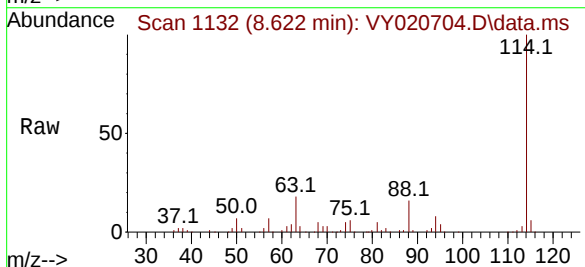
Tgt Ion: 114 Resp: 145794

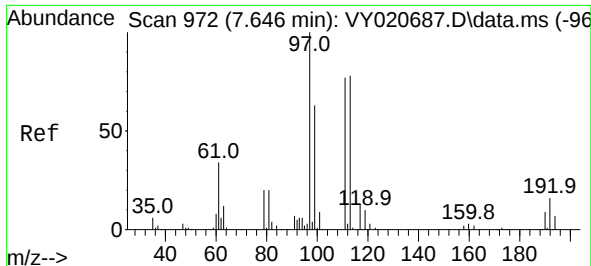
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.352 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

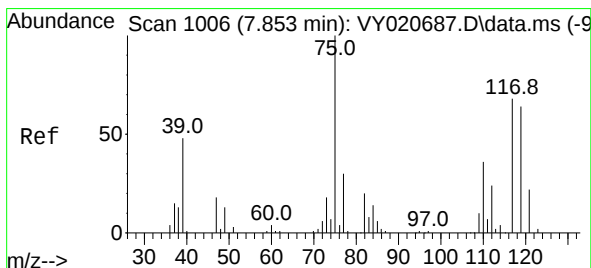
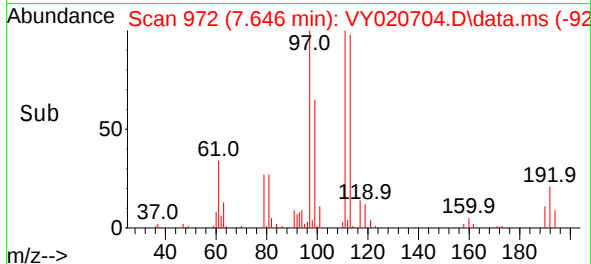
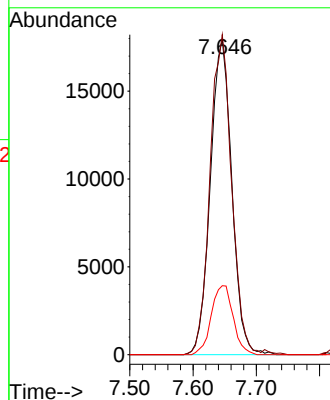
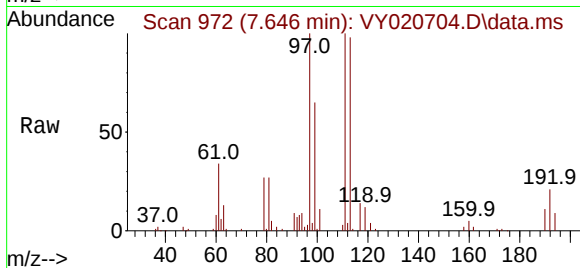
Tgt Ion:113 Resp: 42249

Ion Ratio Lower Upper

113 100

111 102.1 79.8 119.8

192 22.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 50.333 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

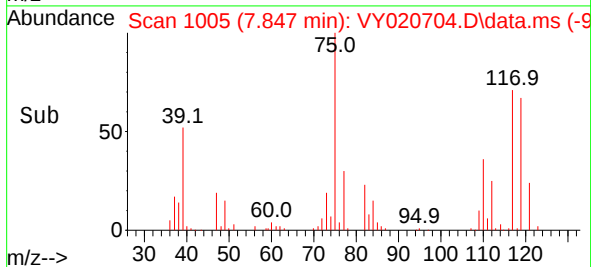
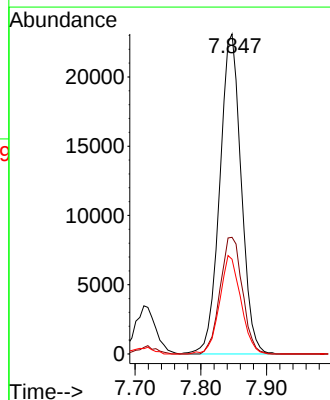
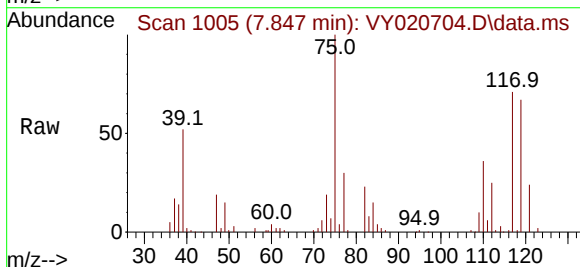
Tgt Ion: 75 Resp: 52375

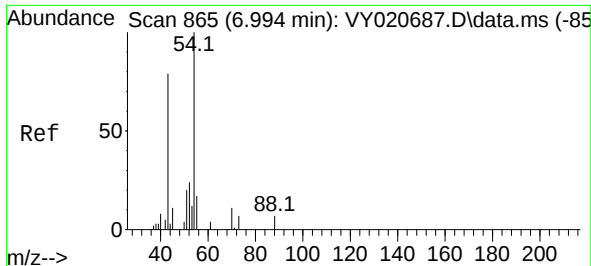
Ion Ratio Lower Upper

75 100

110 38.0 19.6 58.7

77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 48.851 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

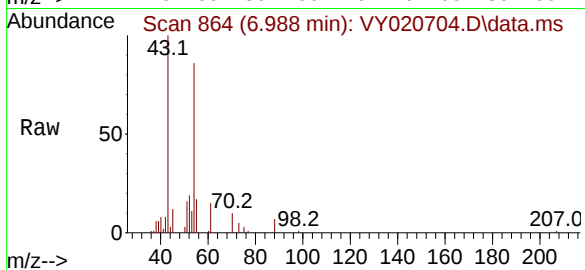
Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

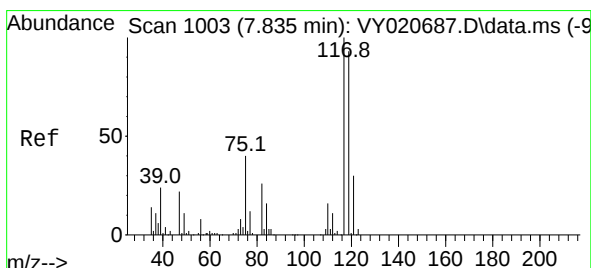
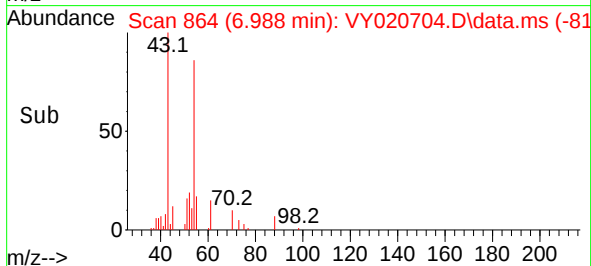
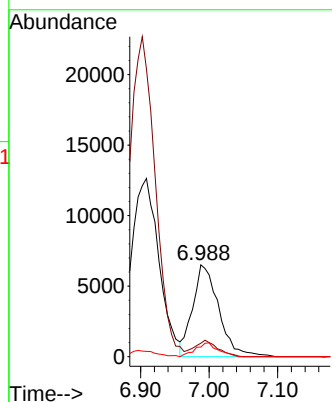
MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 17284

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.8	11.0	16.4



#38

Carbon Tetrachloride

Concen: 50.550 ug/l

RT: 7.829 min Scan# 1002

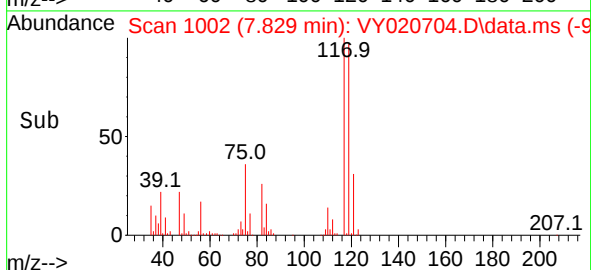
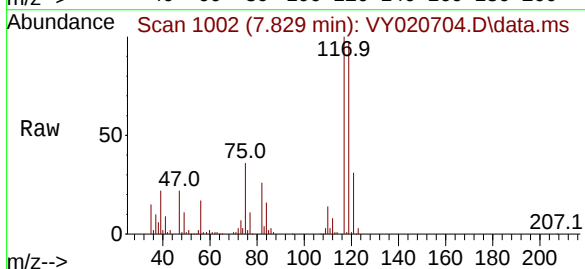
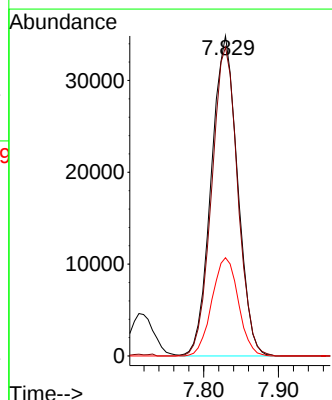
Delta R.T. -0.006 min

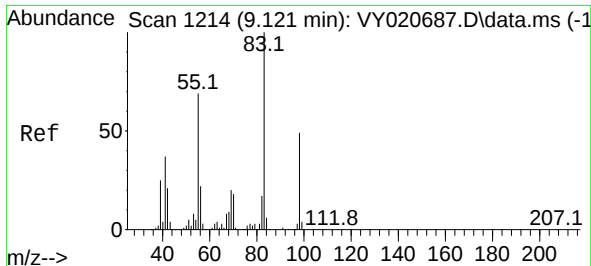
Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Tgt Ion: 117 Resp: 85120

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.4	111.6
121	30.7	24.2	36.2





#39

Methylcyclohexane

Concen: 50.989 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

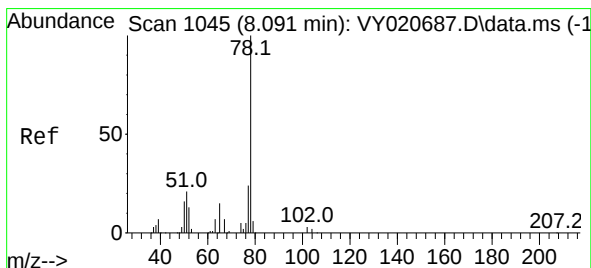
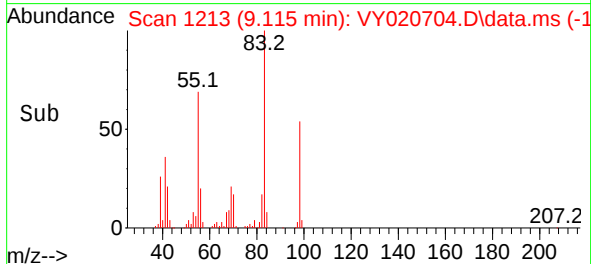
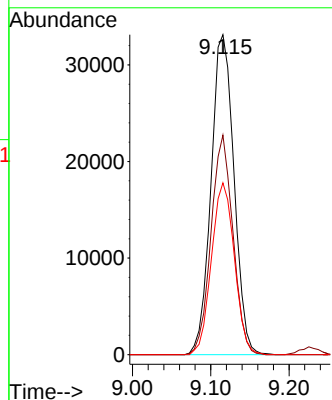
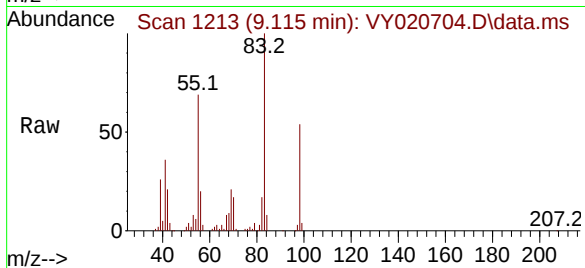
Tgt Ion: 83 Resp: 67439

Ion	Ratio	Lower	Upper
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83	100		
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55	68.6	55.0	82.4
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98	53.7	39.0	58.6
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#40

Benzene

Concen: 51.901 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020704.D

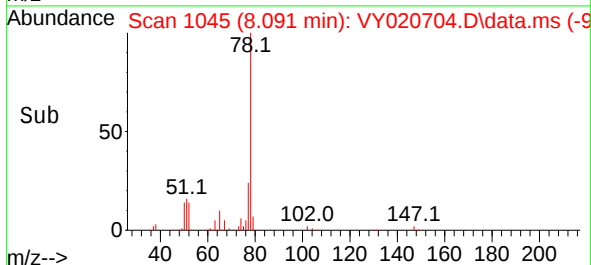
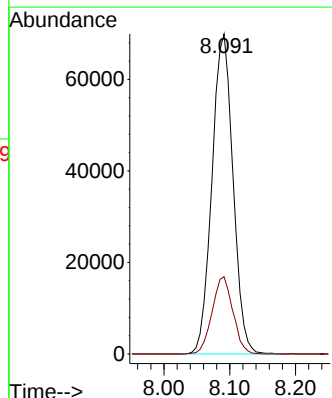
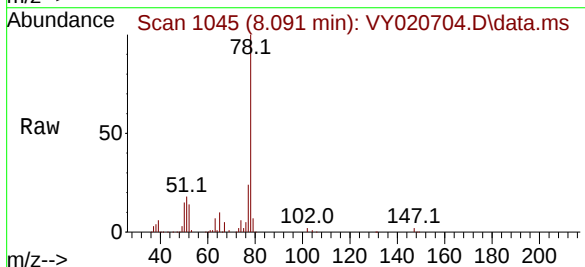
Acq: 23 Dec 2024 20:10

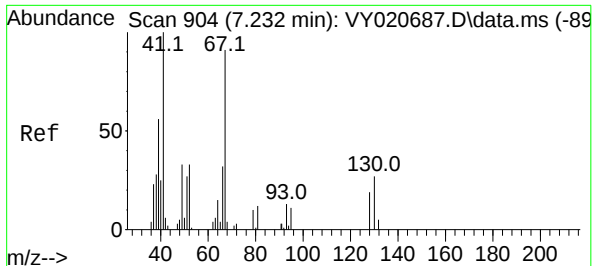
Tgt Ion: 78 Resp: 155801

Ion	Ratio	Lower	Upper
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78	100		
----	-----	--	--

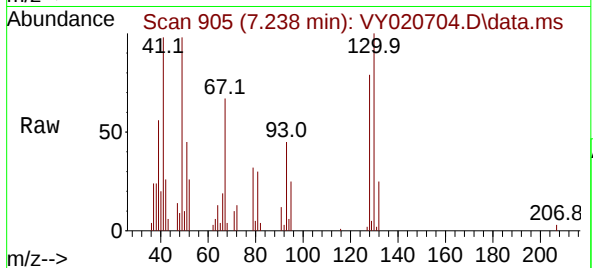
77	24.2	19.2	28.8
----	------	------	------



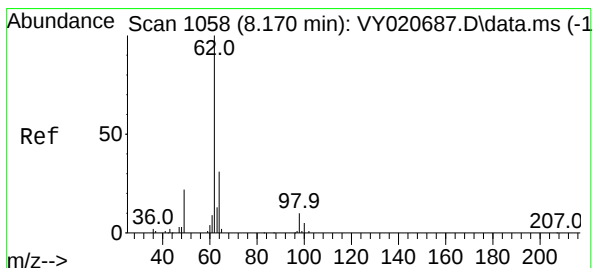
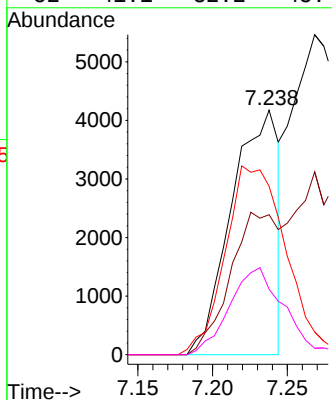
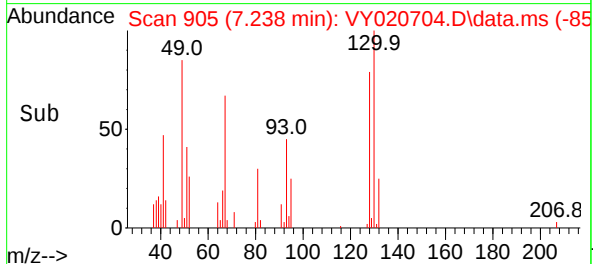


#41
Methacrylonitrile
Concen: 47.528 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

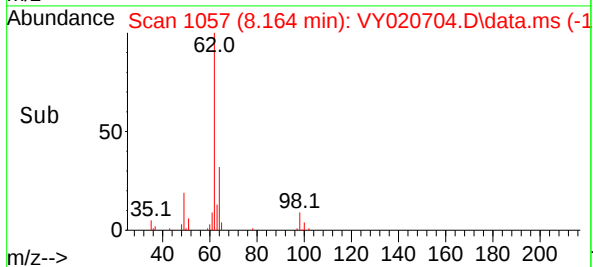
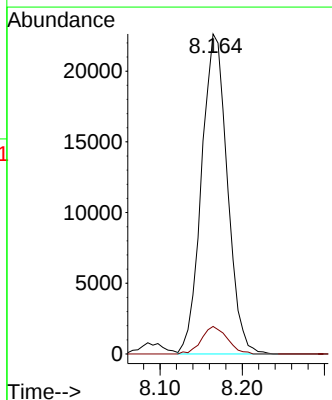
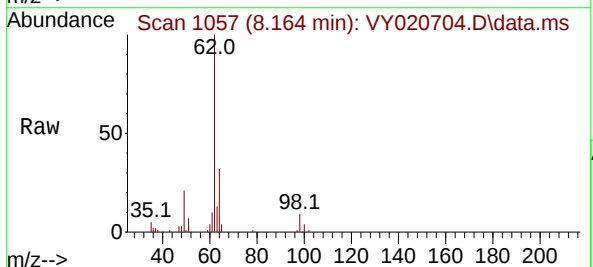


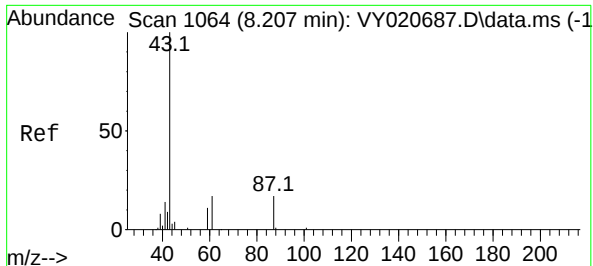
Tgt Ion:	41	Resp:	9157
Ion	Ratio	Lower	Upper
41	100		
39	58.8	46.6	70.0
67	98.9	74.7	112.1
52	41.1	32.2	48.4



#42
1,2-Dichloroethane
Concen: 51.679 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion:	62	Resp:	49338
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.839 ug/l

RT: 8.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020704.D

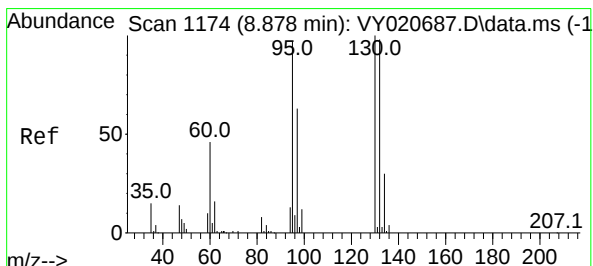
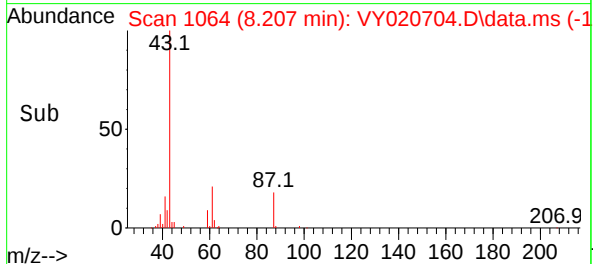
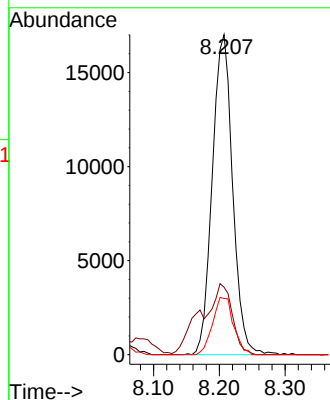
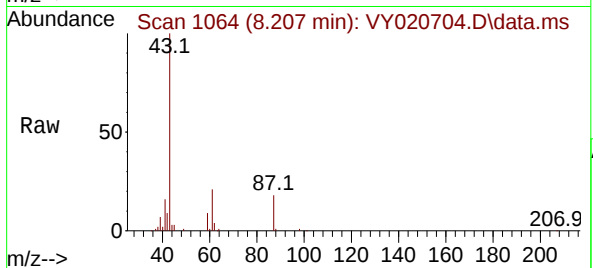
Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 36640
Ion Ratio	Lower Upper
43	100
61	20.6 27.0 40.4#
87	18.4 14.2 21.4



#44

Trichloroethene

Concen: 50.106 ug/l

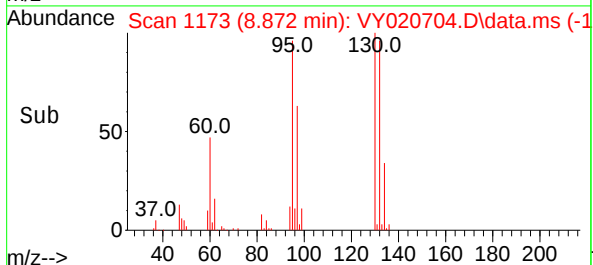
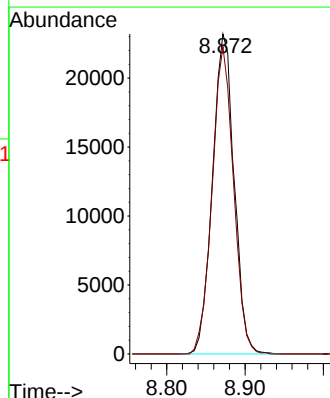
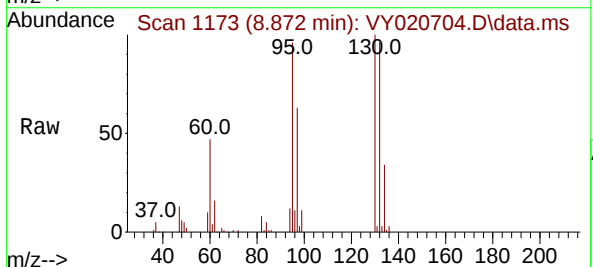
RT: 8.872 min Scan# 1173

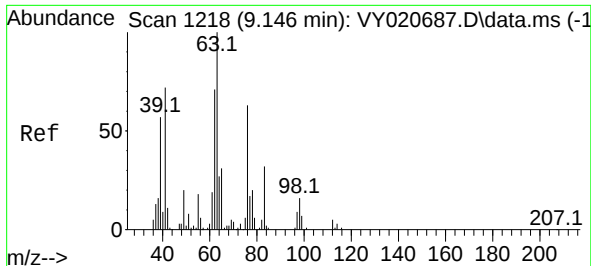
Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Tgt Ion: 130	Resp: 44640
Ion Ratio	Lower Upper
130	100
95	96.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 51.529 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

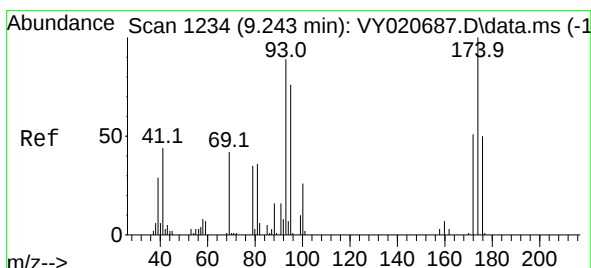
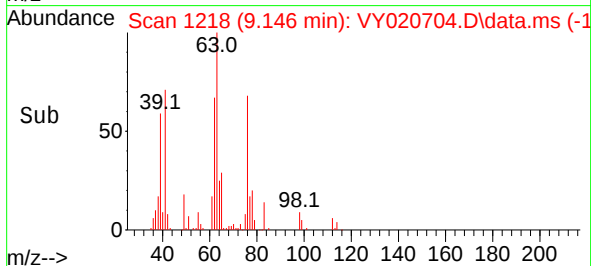
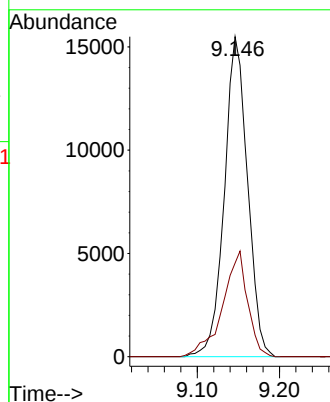
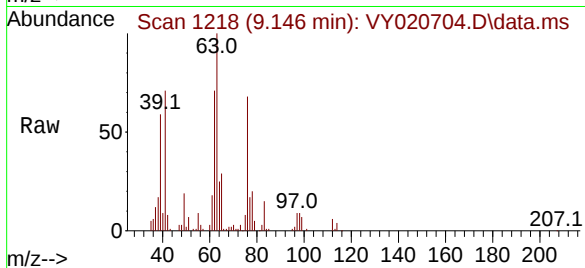
ClientSampleId :

Tgt Ion: 63 Resp: 30392

Ion Ratio Lower Upper

63 100

65 29.3 24.6 36.8



#46

Dibromomethane

Concen: 53.670 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

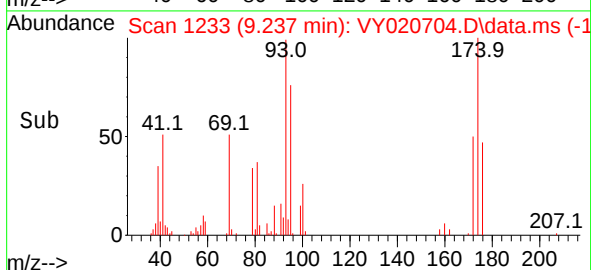
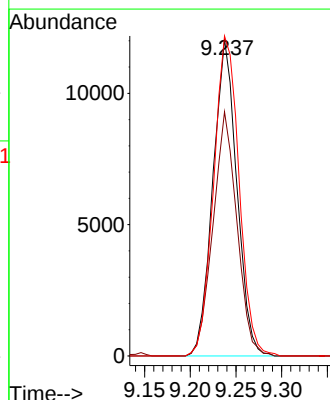
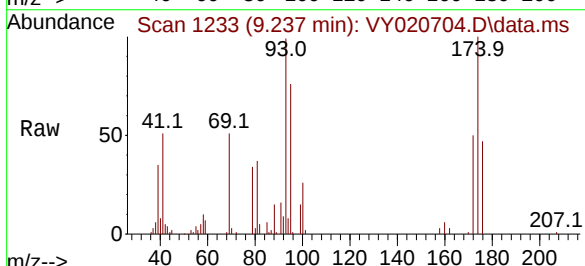
Tgt Ion: 93 Resp: 21853

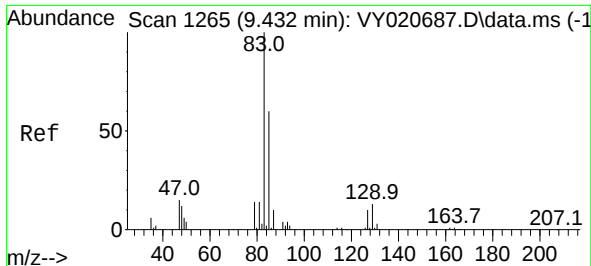
Ion Ratio Lower Upper

93 100

95 77.3 67.8 101.8

174 107.8 89.4 134.0





#47

Bromodichloromethane

Concen: 51.794 ug/l

RT: 9.432 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

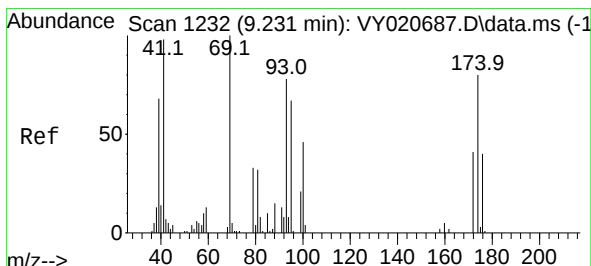
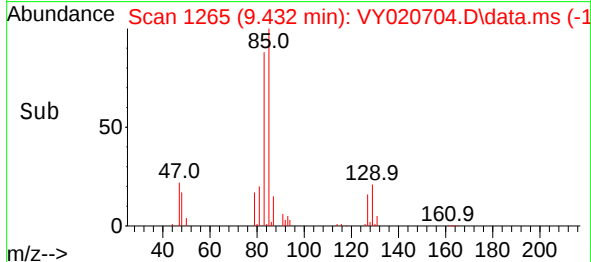
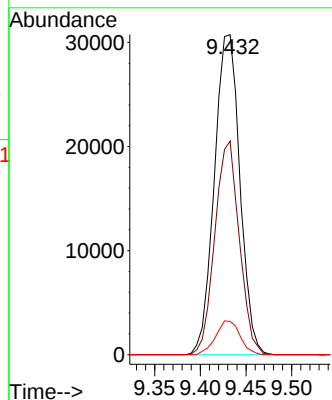
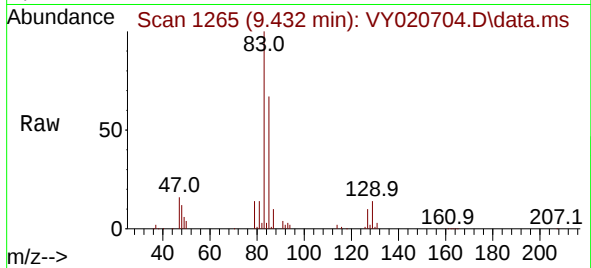
Tgt Ion: 83 Resp: 59824

Ion Ratio Lower Upper

83 100

85 66.8 47.6 71.4

127 10.4 7.9 11.9



#48

Methyl methacrylate

Concen: 49.594 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

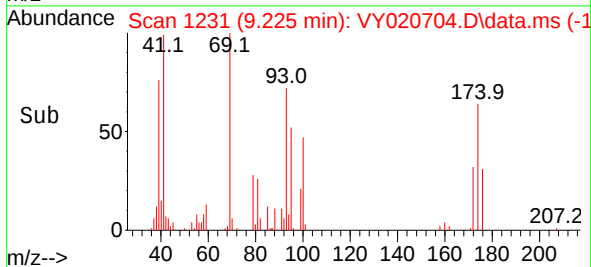
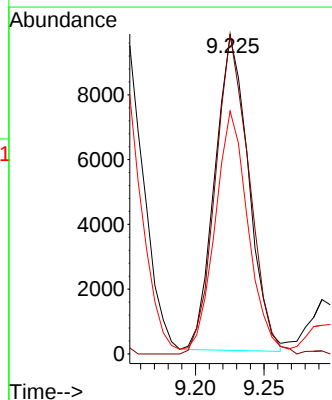
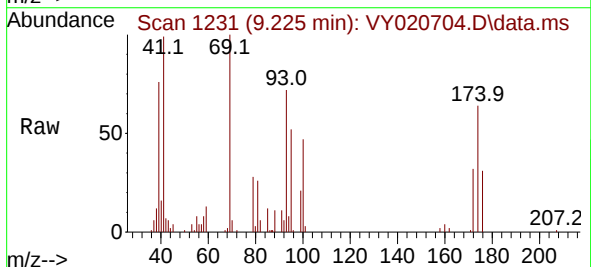
Tgt Ion: 41 Resp: 16617

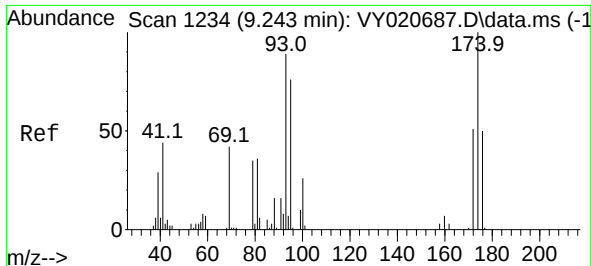
Ion Ratio Lower Upper

41 100

69 101.6 83.1 124.7

39 73.2 57.3 85.9





#49

1,4-Dioxane

Concen: 1155.007 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

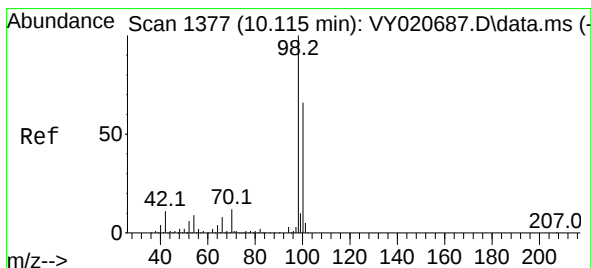
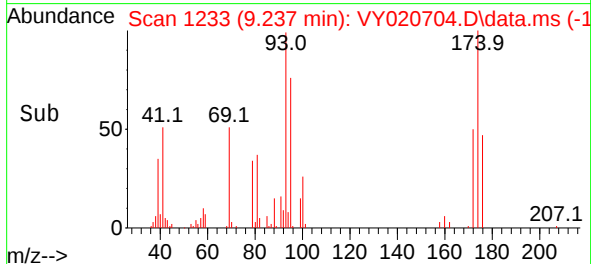
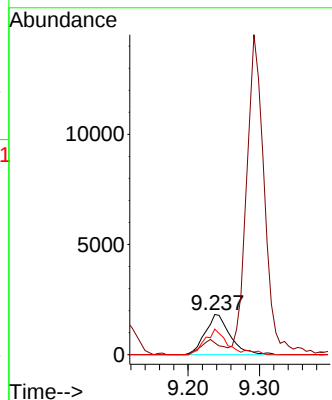
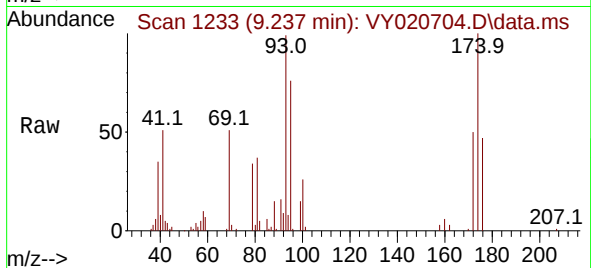
Tgt Ion: 88 Resp: 4411

Ion Ratio Lower Upper

88 100

43 30.3 22.1 33.1

58 53.0 46.7 70.1



#50

Toluene-d8

Concen: 52.766 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020704.D

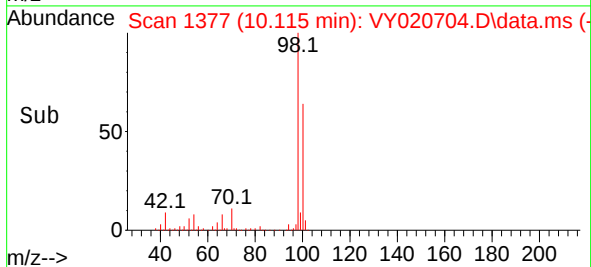
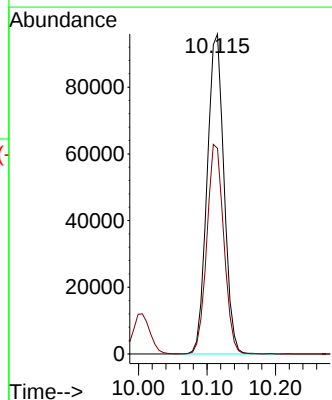
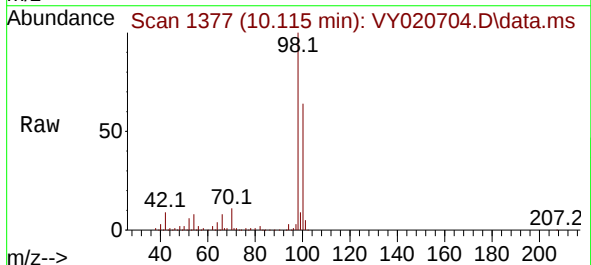
Acq: 23 Dec 2024 20:10

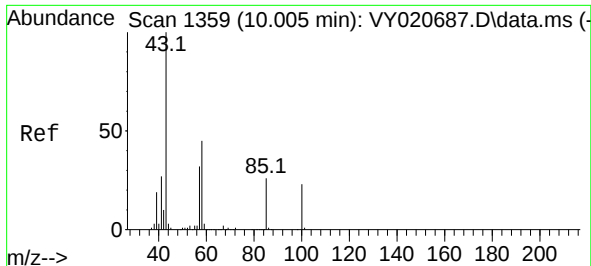
Tgt Ion: 98 Resp: 164066

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 250.023 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

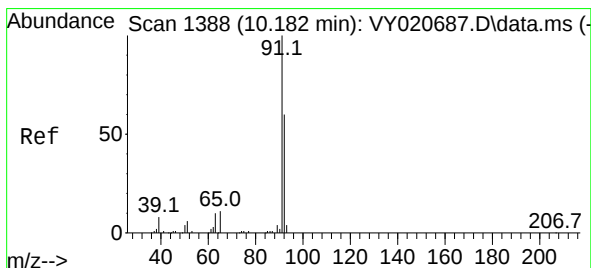
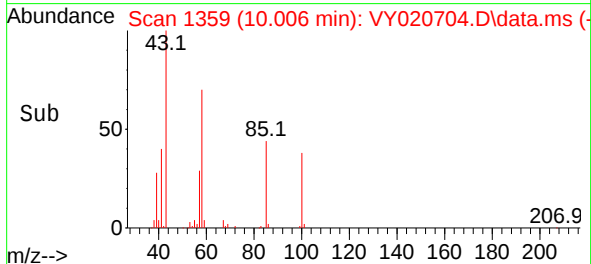
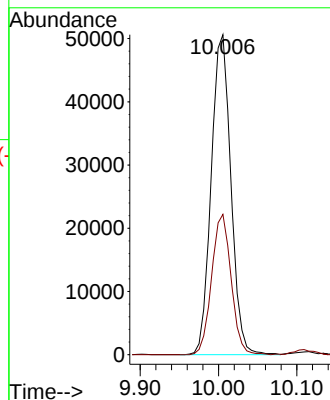
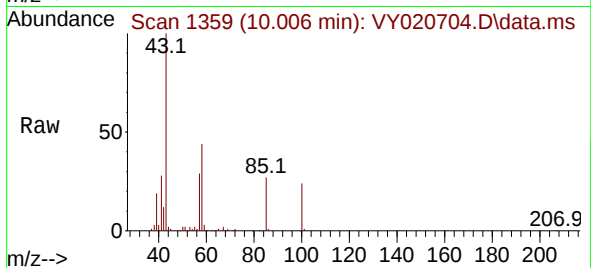
ClientSampleId :

Tgt Ion: 43 Resp: 88277

Ion Ratio Lower Upper

43 100

58 43.4 35.1 52.7



#52

Toluene

Concen: 52.497 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.006 min

Lab File: VY020704.D

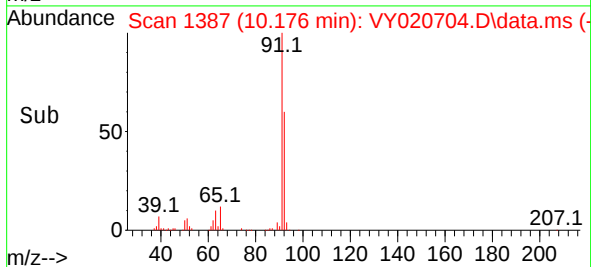
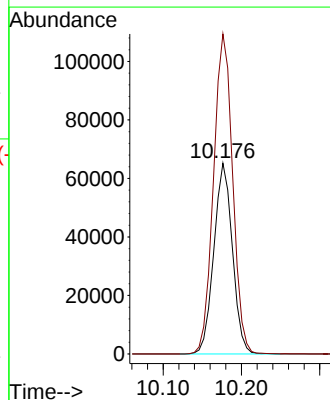
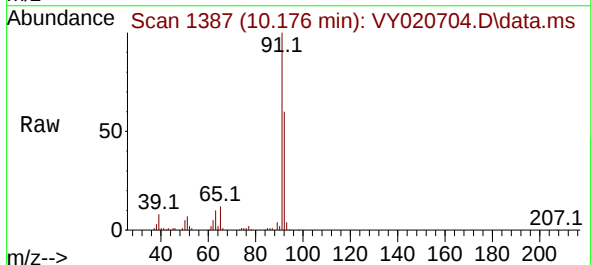
Acq: 23 Dec 2024 20:10

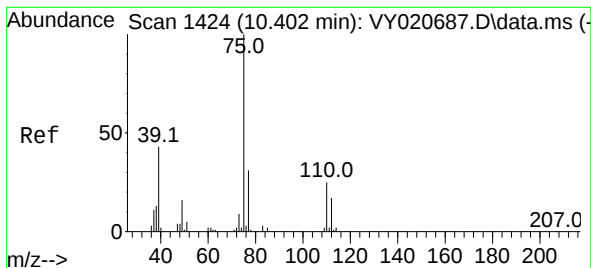
Tgt Ion: 92 Resp: 107314

Ion Ratio Lower Upper

92 100

91 173.3 137.7 206.5

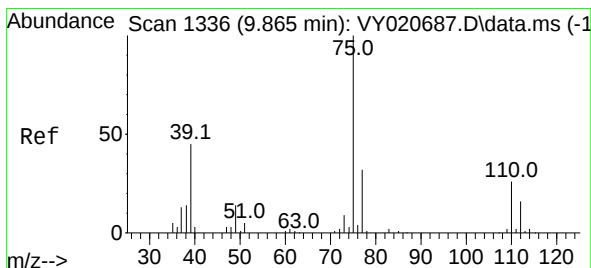
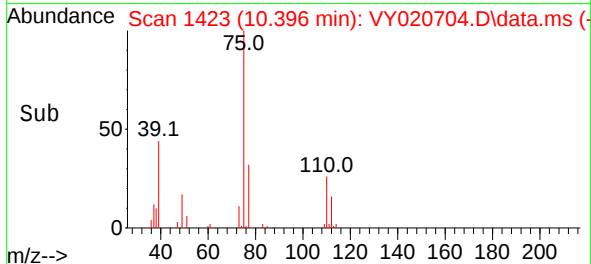
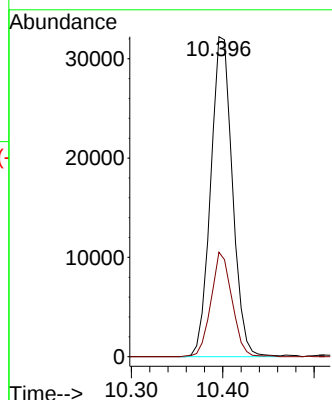
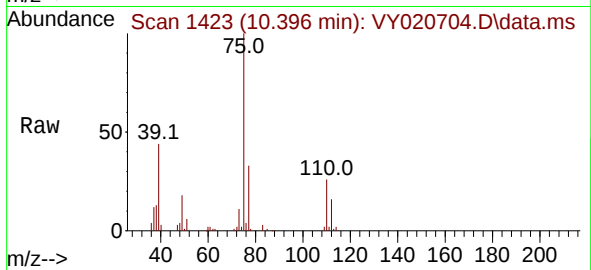




#53
t-1,3-Dichloropropene
Concen: 52.109 ug/l
RT: 10.396 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

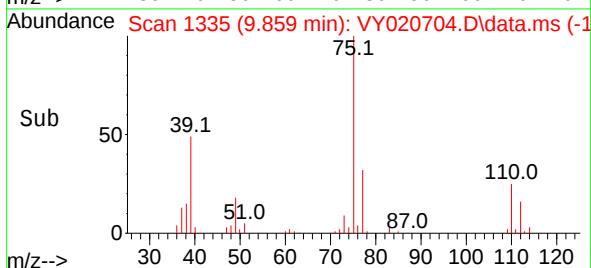
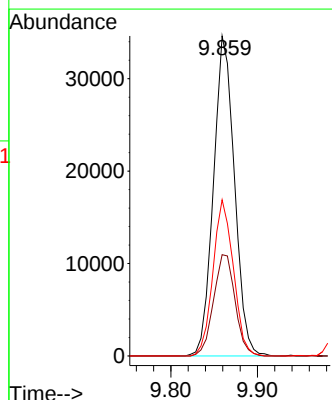
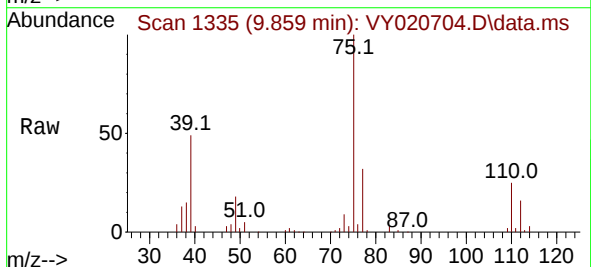
Instrument :
MSVOA_Y
ClientSampleId :

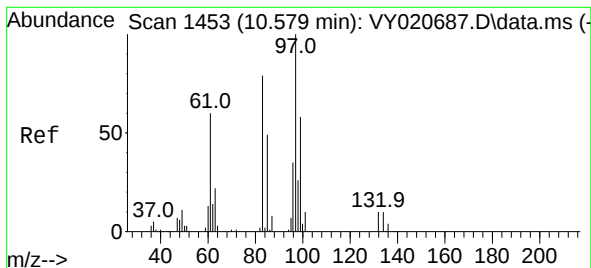
Tgt Ion: 75 Resp: 53257
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.816 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 75 Resp: 58353
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 48.8 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 51.580 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27194

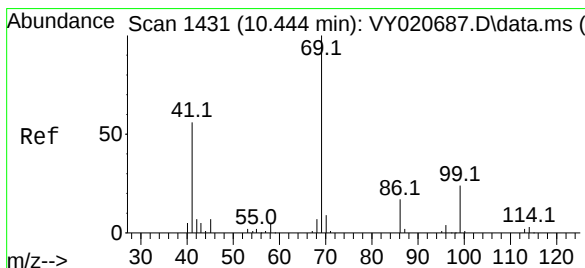
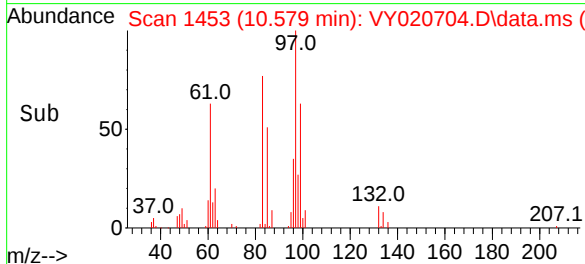
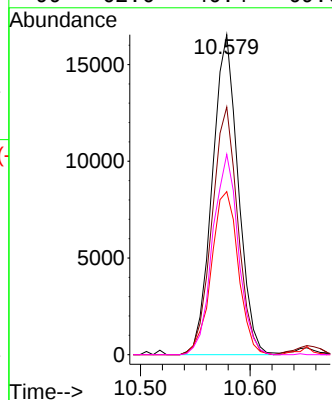
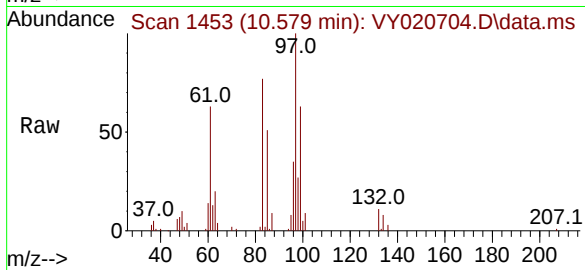
Ion Ratio Lower Upper

97 100

83 77.4 63.1 94.7

85 50.9 39.5 59.3

99 62.6 46.4 69.6



#56

Ethyl methacrylate

Concen: 53.588 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

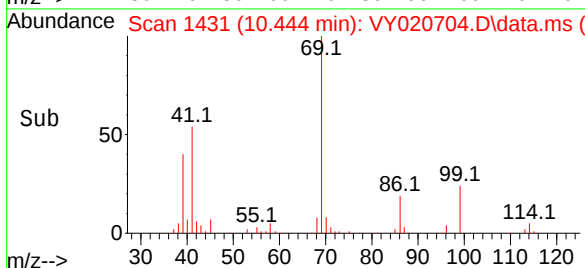
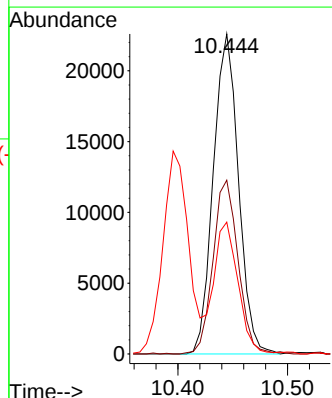
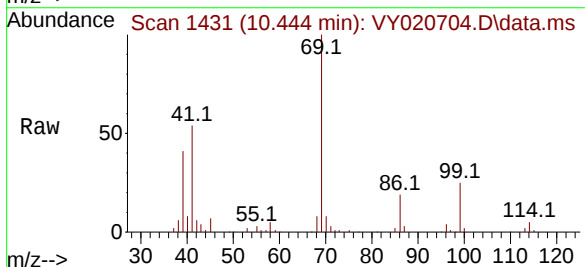
Tgt Ion: 69 Resp: 36039

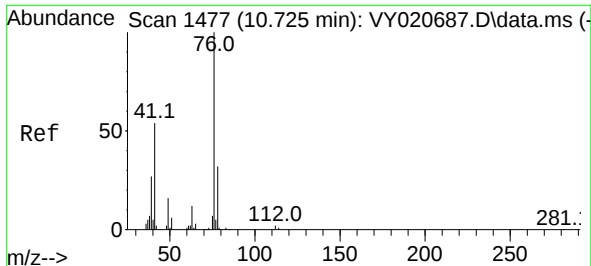
Ion Ratio Lower Upper

69 100

41 54.3 43.8 65.6

39 39.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.518 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

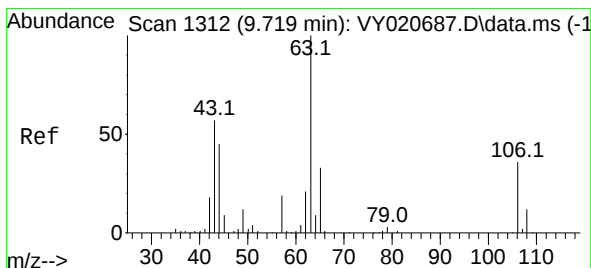
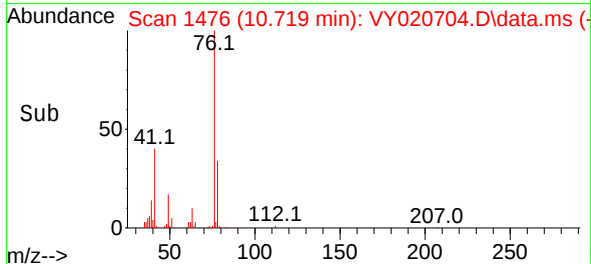
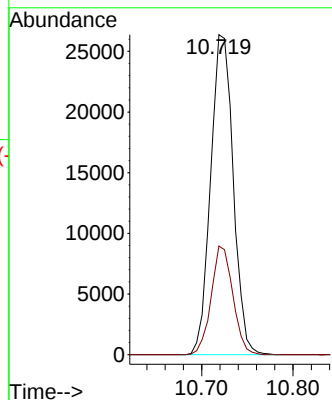
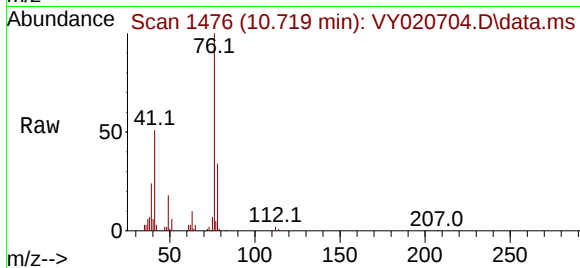
ClientSampleId :

Tgt Ion: 76 Resp: 45260

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.507 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020704.D

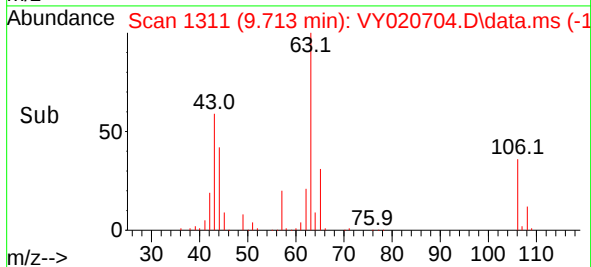
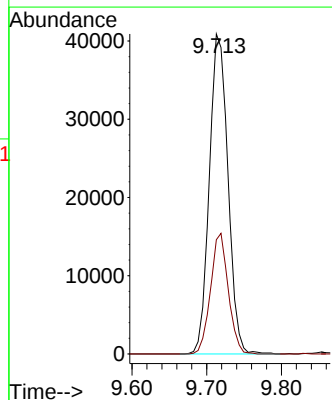
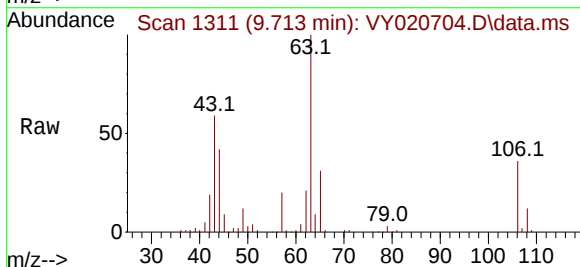
Acq: 23 Dec 2024 20:10

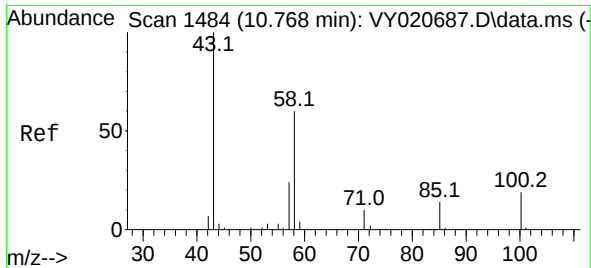
Tgt Ion: 63 Resp: 70747

Ion Ratio Lower Upper

63 100

106 35.9 29.1 43.7





#59

2-Hexanone

Concen: 264.044 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

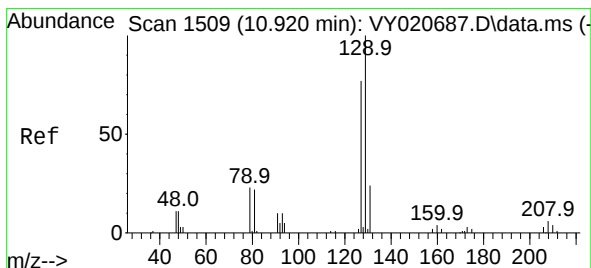
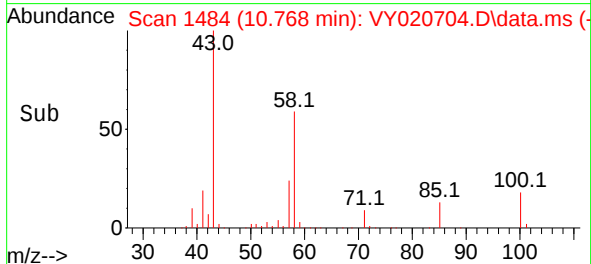
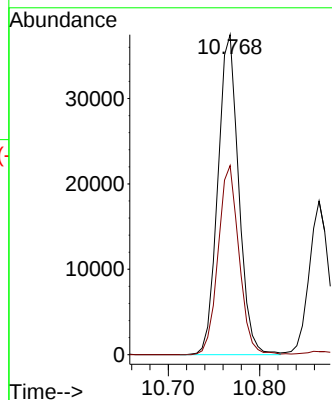
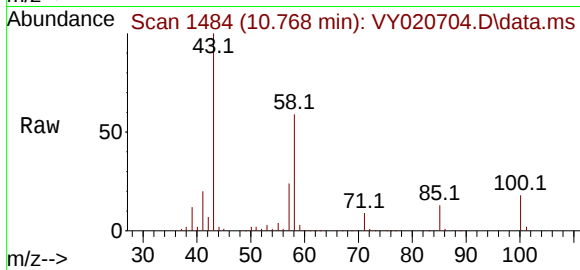
ClientSampleId :

Tgt Ion: 43 Resp: 59383

Ion Ratio Lower Upper

43 100

58 59.3 30.1 90.5



#60

Dibromochloromethane

Concen: 53.267 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VY020704.D

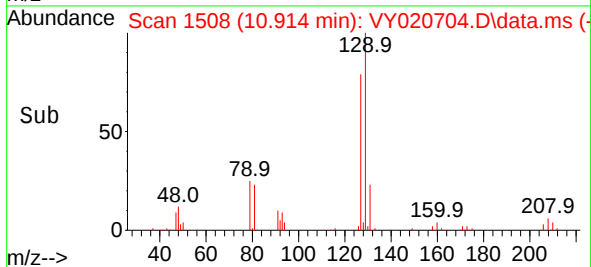
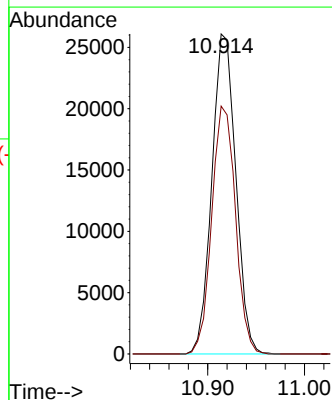
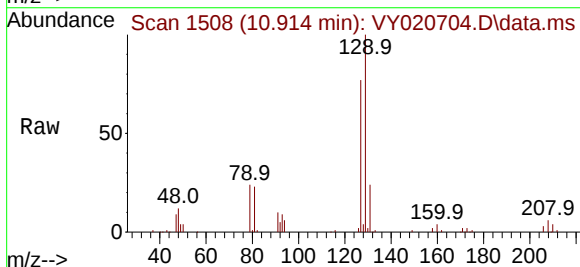
Acq: 23 Dec 2024 20:10

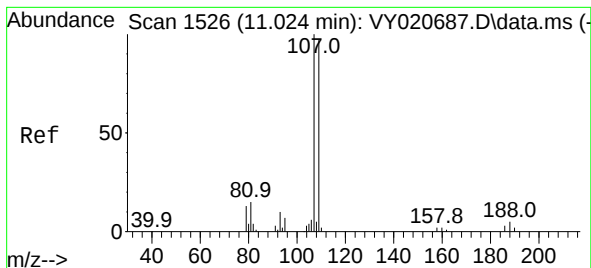
Tgt Ion:129 Resp: 44838

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.212 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

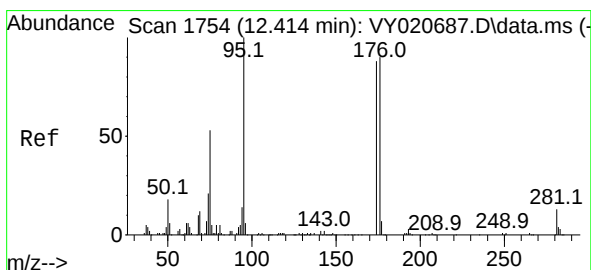
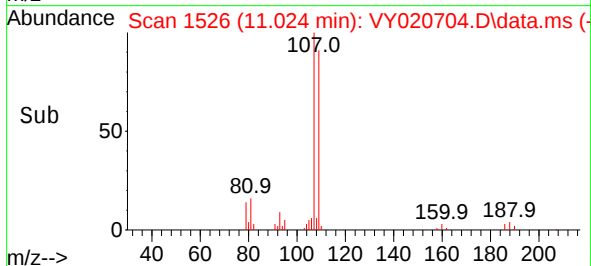
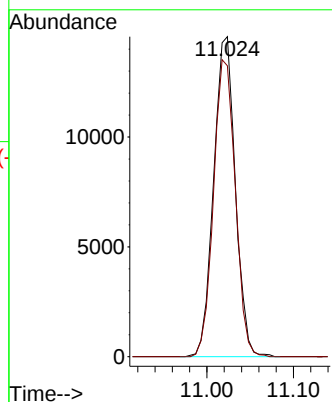
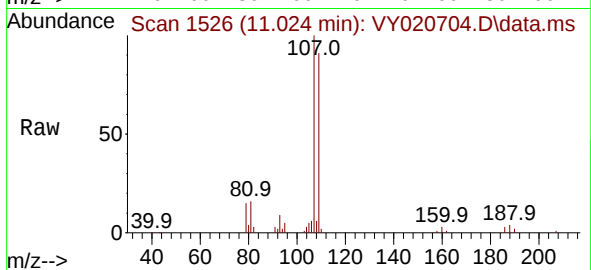
ClientSampleId :

Tgt Ion:107 Resp: 25312

Ion Ratio Lower Upper

107 100

109 93.3 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 49.910 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

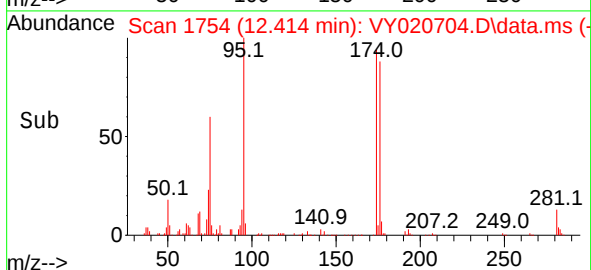
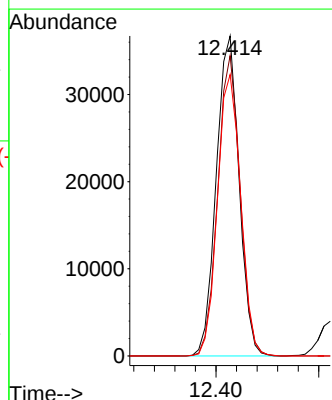
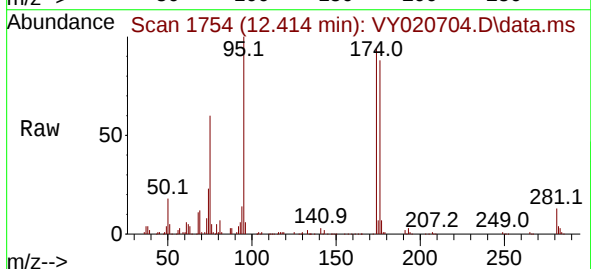
Tgt Ion: 95 Resp: 56483

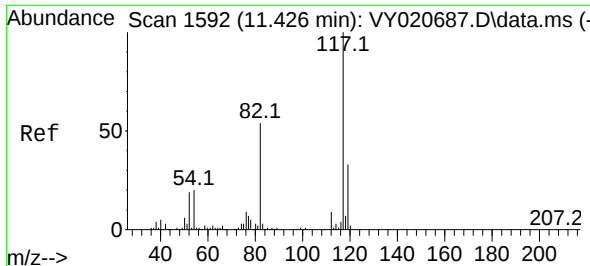
Ion Ratio Lower Upper

95 100

174 92.1 0.0 179.2

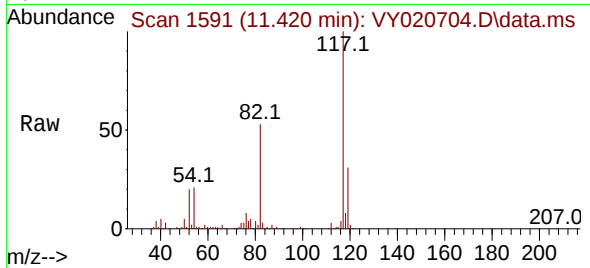
176 89.3 0.0 179.8



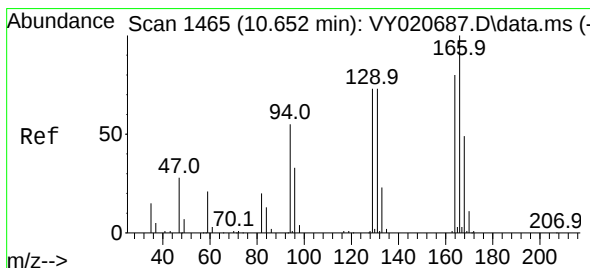
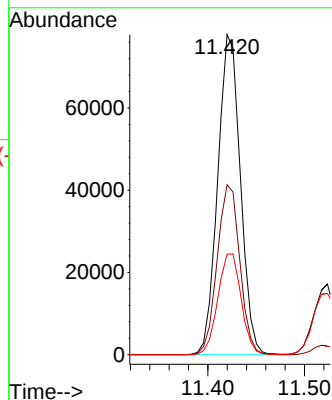
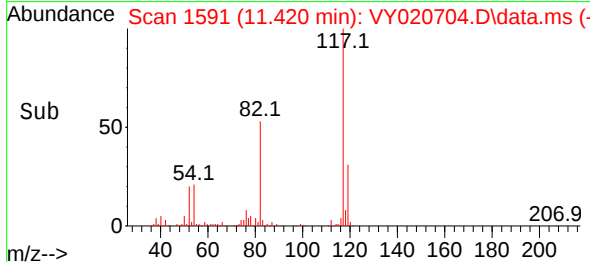


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

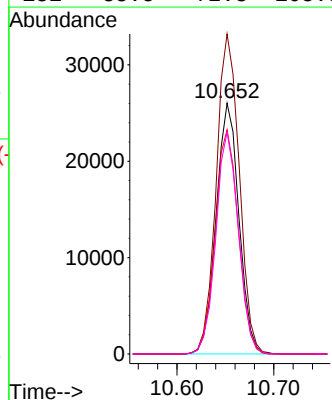
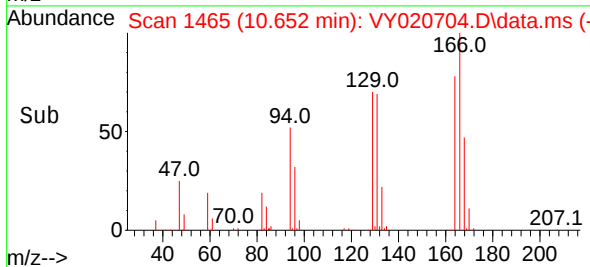
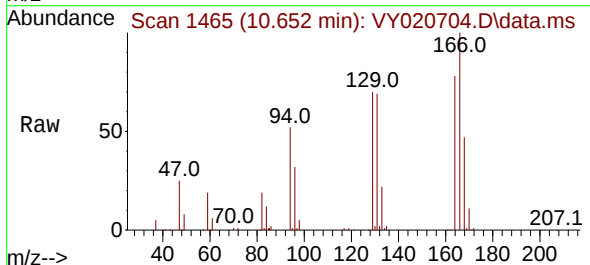


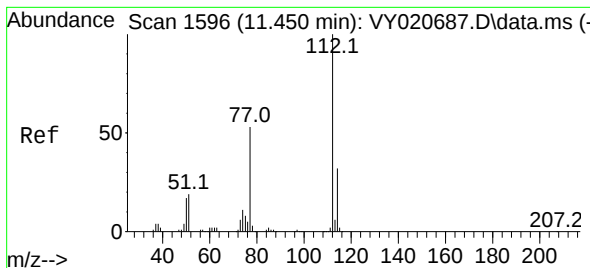
Tgt Ion:117 Resp: 126465
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 50.635 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion:164 Resp: 42528
Ion Ratio Lower Upper
164 100
166 127.6 99.6 149.4
129 89.4 73.0 109.4
131 88.5 72.3 108.5





#65

Chlorobenzene

Concen: 51.417 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

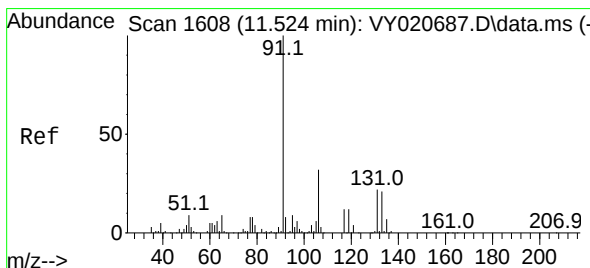
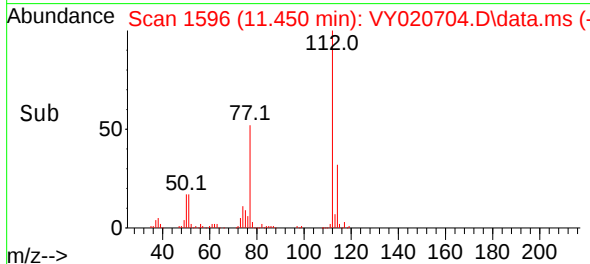
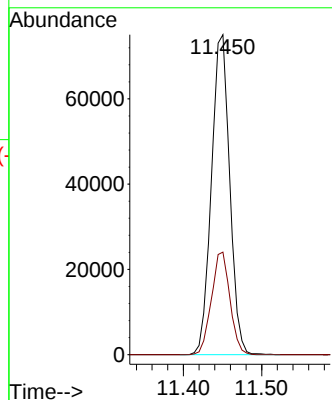
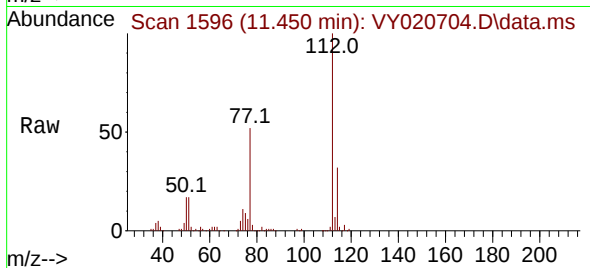
ClientSampleId :

Tgt Ion:112 Resp: 121510

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.228 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

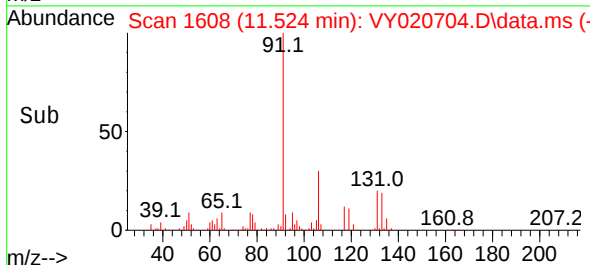
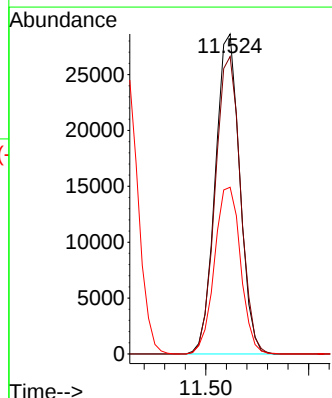
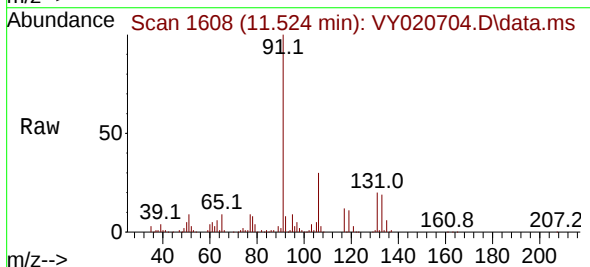
Tgt Ion:131 Resp: 47276

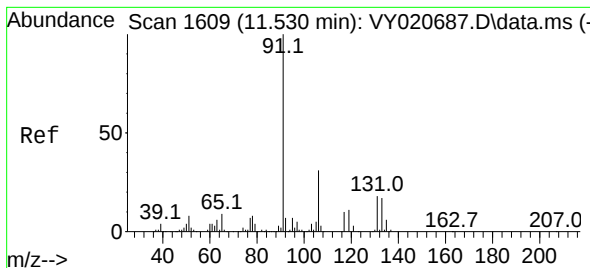
Ion Ratio Lower Upper

131 100

133 96.0 48.6 145.9

119 55.5 28.4 85.3





#67

Ethyl Benzene

Concen: 50.554 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

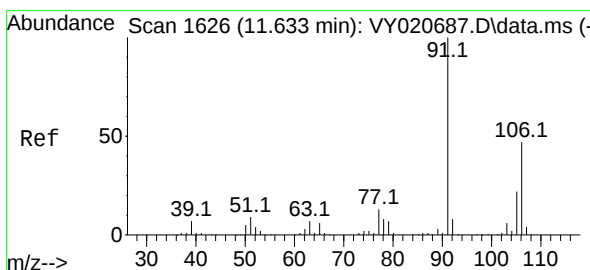
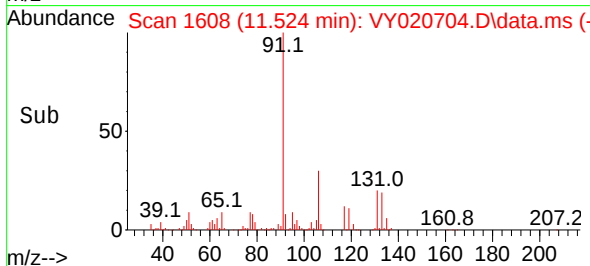
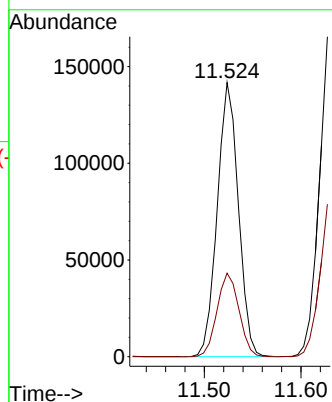
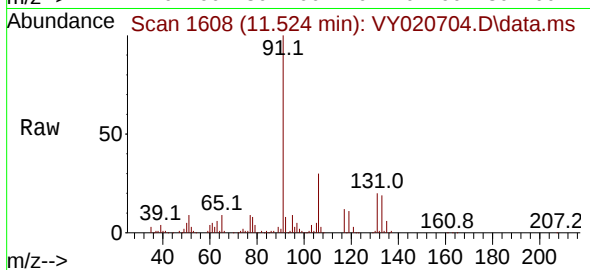
ClientSampleId :

Tgt Ion: 91 Resp: 214345

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 101.778 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020704.D

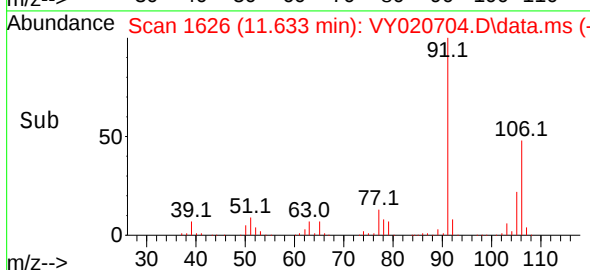
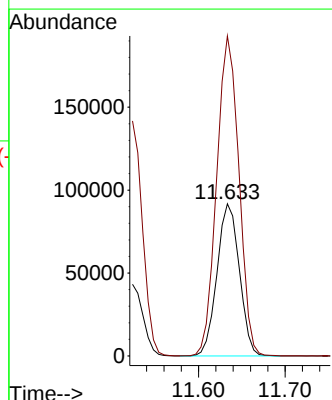
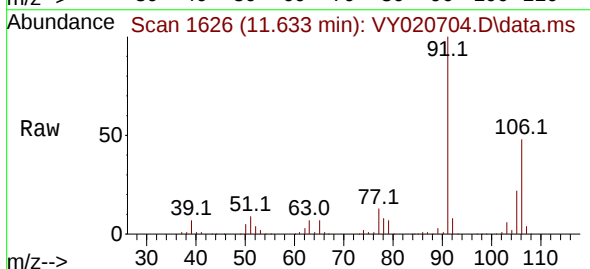
Acq: 23 Dec 2024 20:10

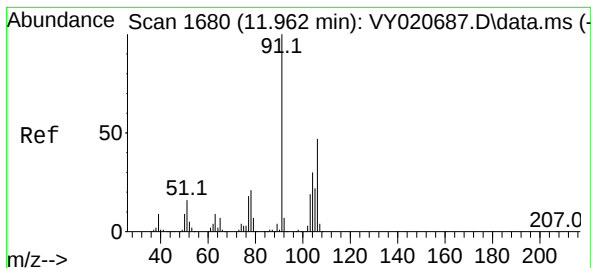
Tgt Ion:106 Resp: 164557

Ion Ratio Lower Upper

106 100

91 209.6 166.6 250.0





#69

o-Xylene

Concen: 51.751 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

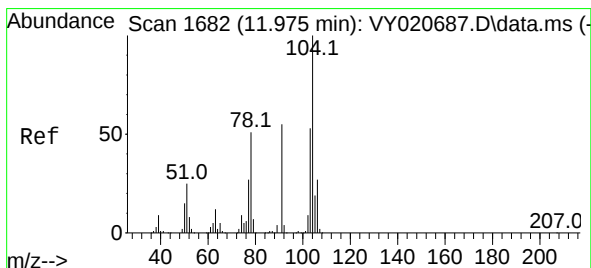
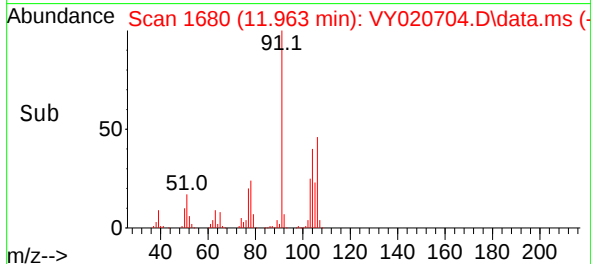
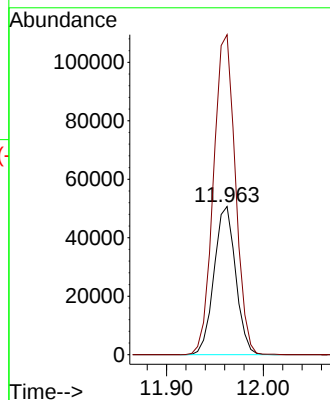
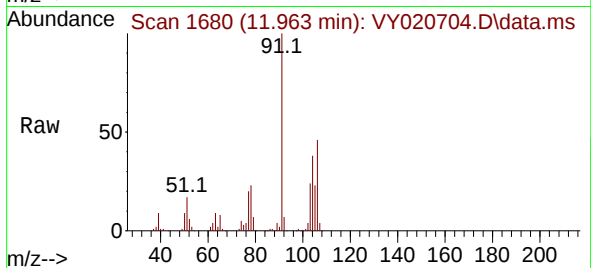
ClientSampleId :

Tgt Ion:106 Resp: 78598

Ion Ratio Lower Upper

106 100

91 218.7 108.6 325.8



#70

Styrene

Concen: 52.384 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

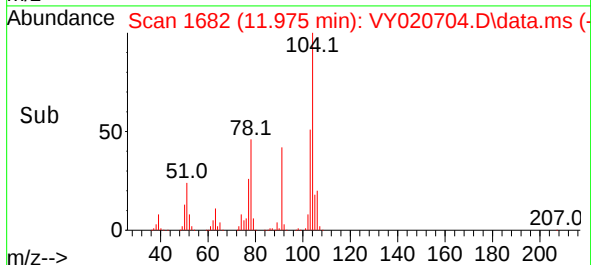
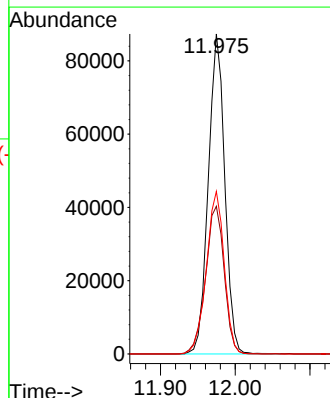
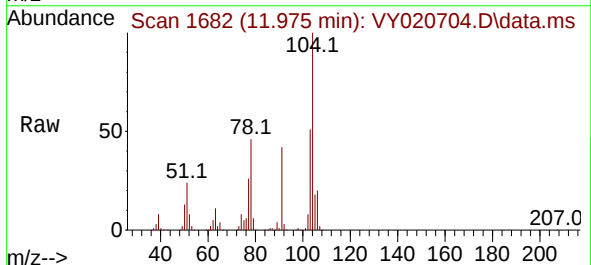
Tgt Ion:104 Resp: 133817

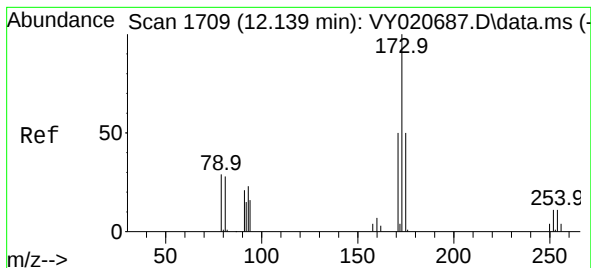
Ion Ratio Lower Upper

104 100

78 52.2 43.0 64.4

103 55.1 44.4 66.6





#71

Bromoform

Concen: 50.753 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

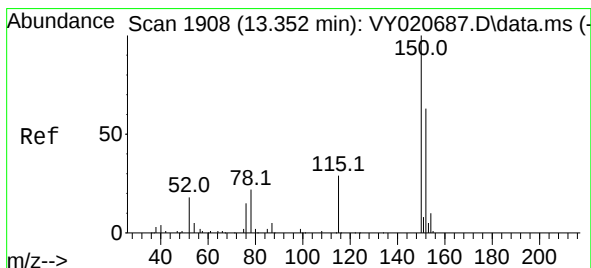
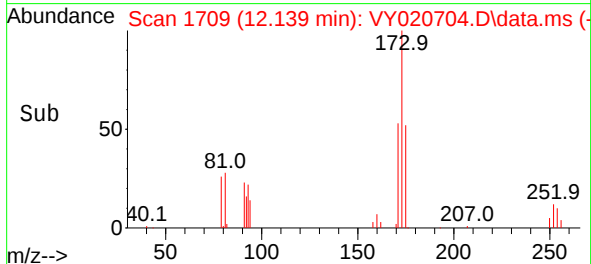
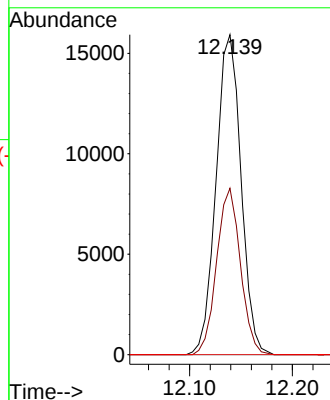
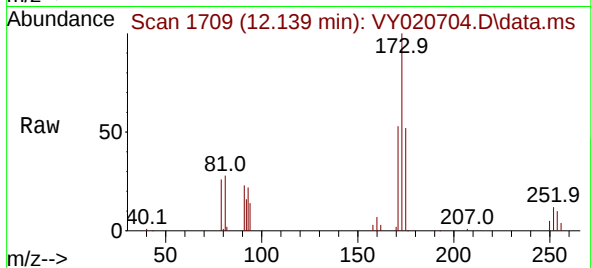
Tgt Ion:173 Resp: 26828

Ion Ratio Lower Upper

173 100

175 49.6 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

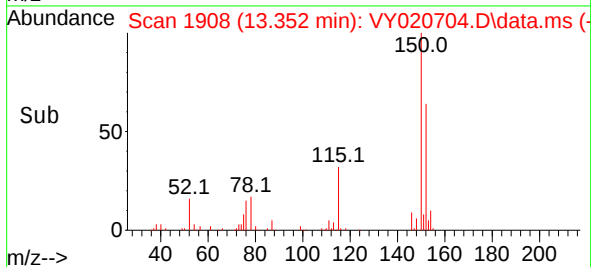
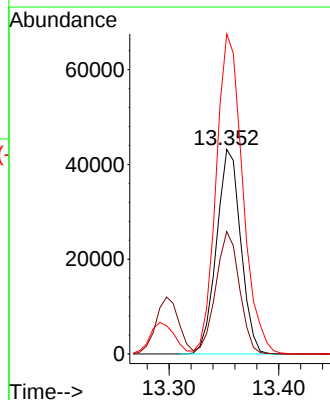
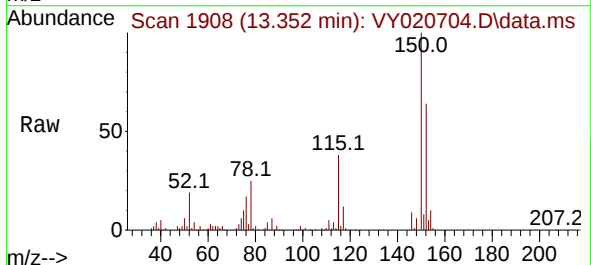
Tgt Ion:152 Resp: 66302

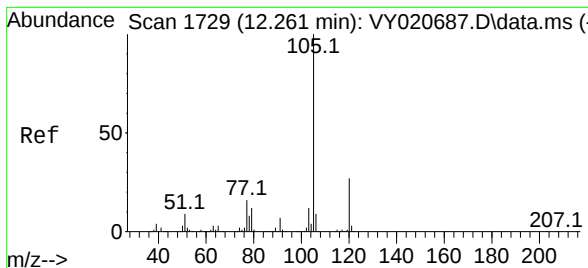
Ion Ratio Lower Upper

152 100

115 58.6 30.3 90.9

150 171.2 0.0 349.0





#73

Isopropylbenzene

Concen: 48.610 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

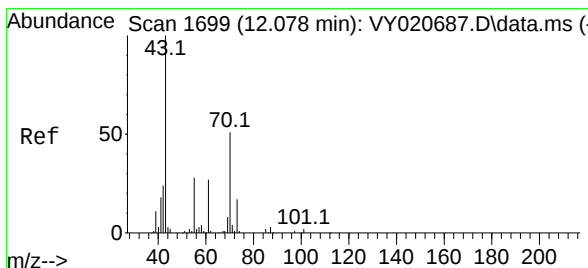
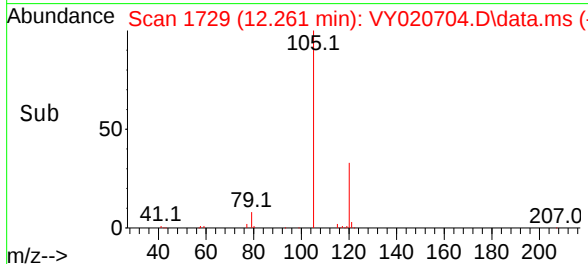
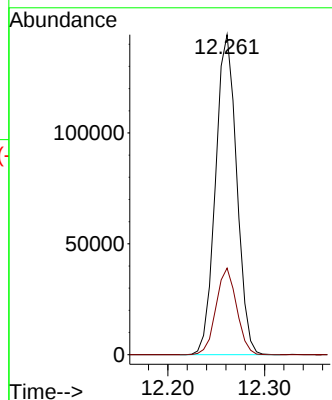
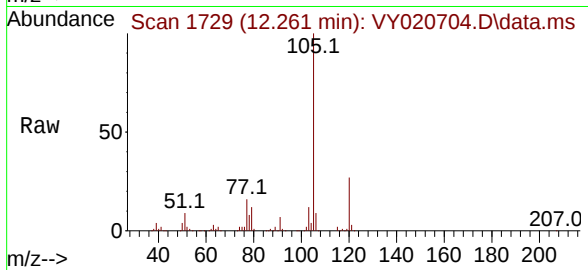
ClientSampleId :

Tgt Ion:105 Resp: 219224

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 50.222 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Tgt Ion: 43 Resp: 31826

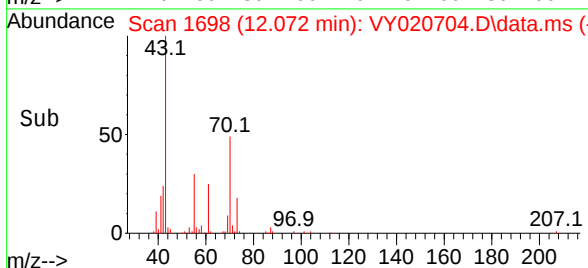
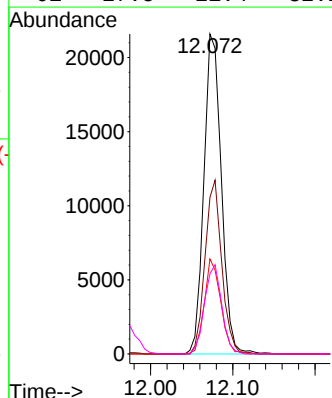
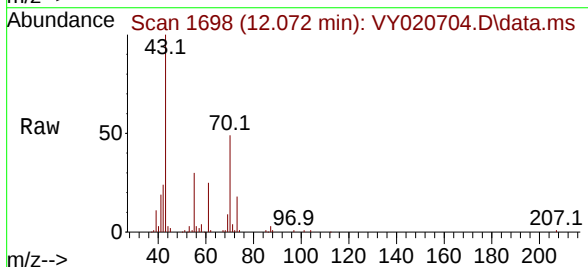
Ion Ratio Lower Upper

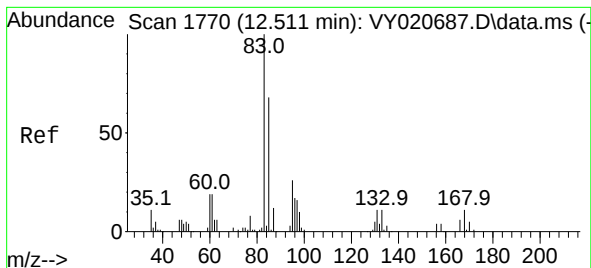
43 100

70 52.1 39.7 59.5

55 28.1 21.5 32.3

61 27.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.365 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

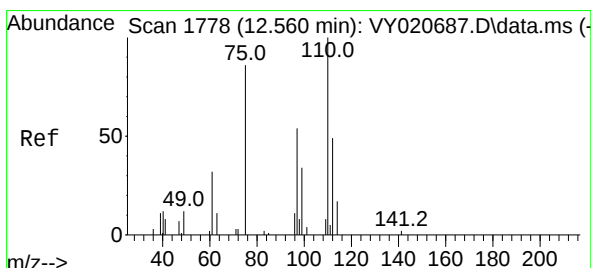
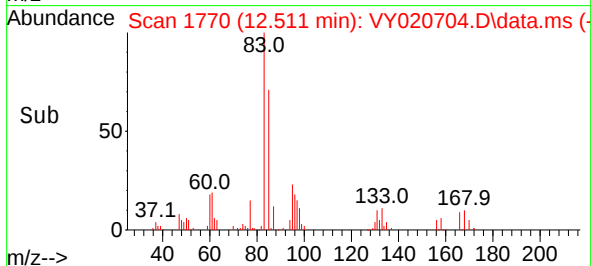
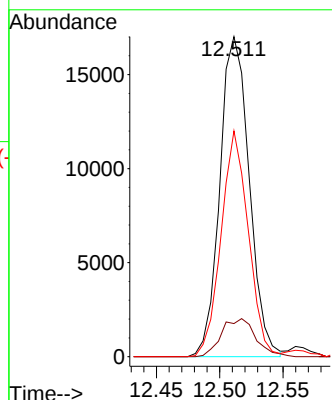
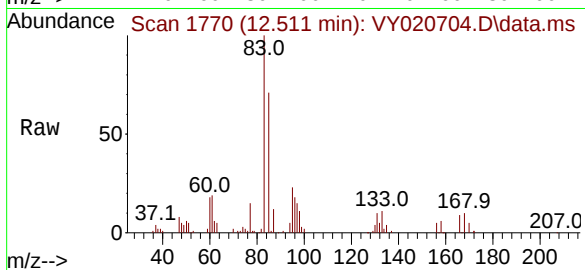
Tgt Ion: 83 Resp: 27488

Ion Ratio Lower Upper

83 100

131 13.9 6.9 20.7

85 65.5 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 87.891 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020704.D

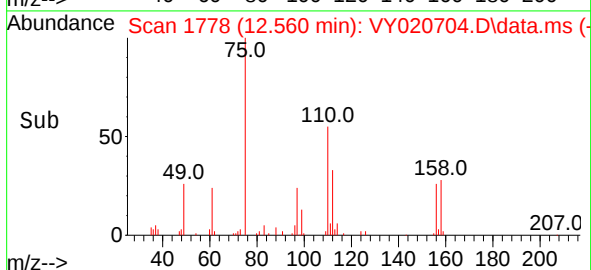
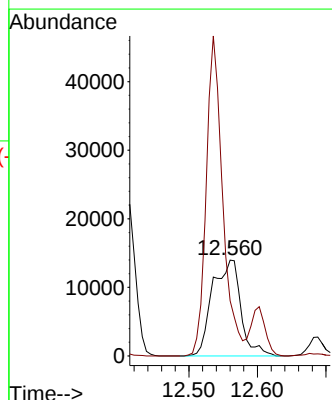
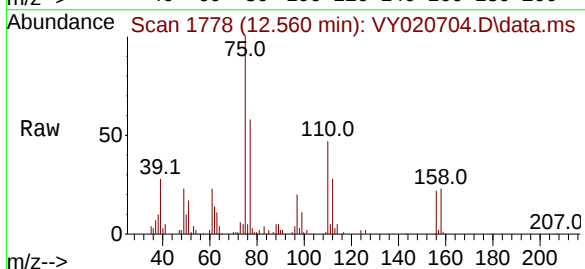
Acq: 23 Dec 2024 20:10

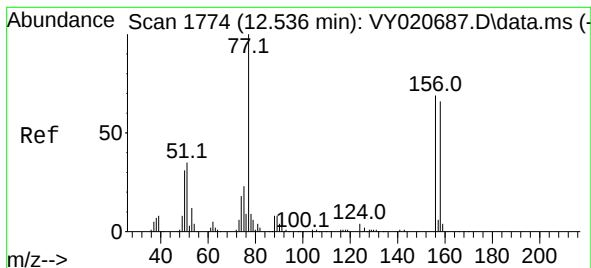
Tgt Ion: 75 Resp: 40188

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.756 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

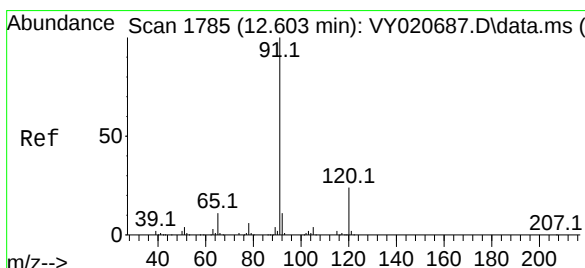
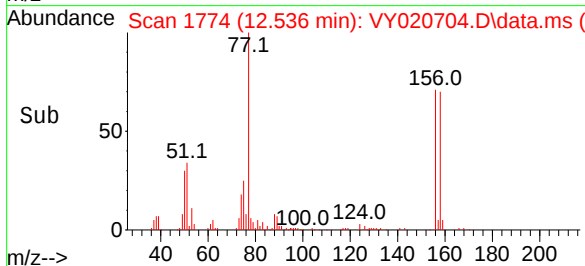
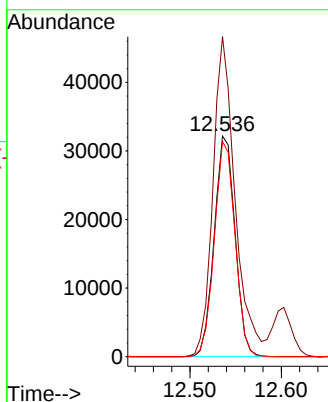
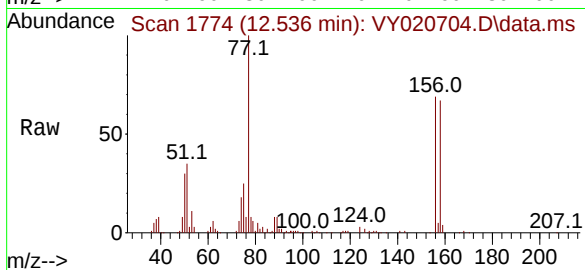
Tgt Ion:156 Resp: 51097

Ion Ratio Lower Upper

156 100

77 153.0 78.3 235.0

158 96.8 48.3 144.9



#78

n-propylbenzene

Concen: 48.719 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020704.D

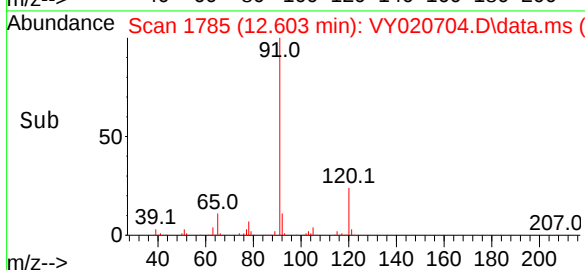
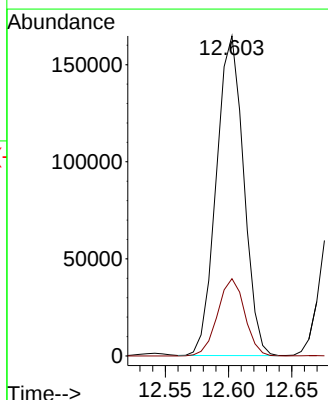
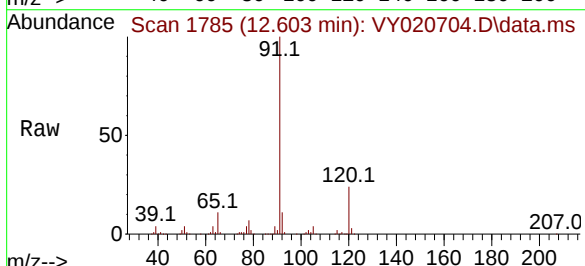
Acq: 23 Dec 2024 20:10

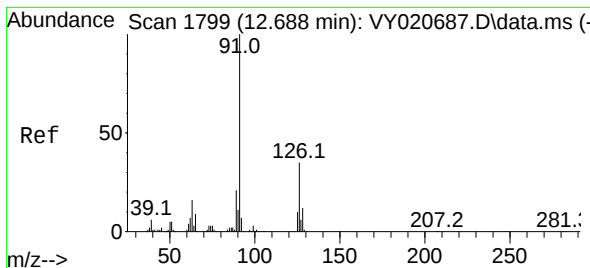
Tgt Ion: 91 Resp: 247710

Ion Ratio Lower Upper

91 100

120 23.9 12.3 36.8

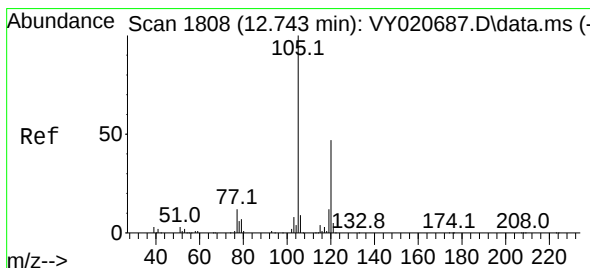
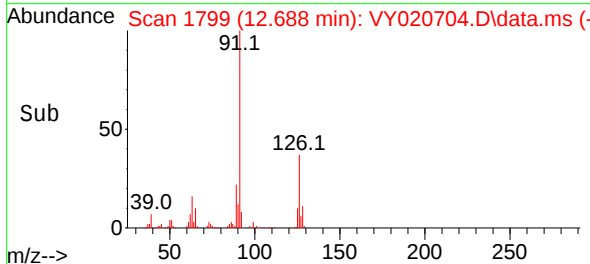
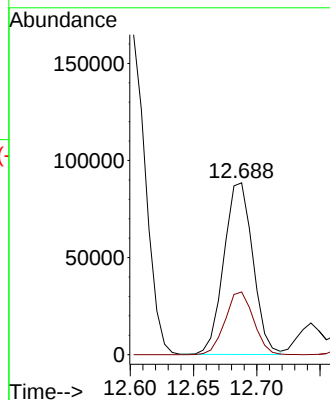
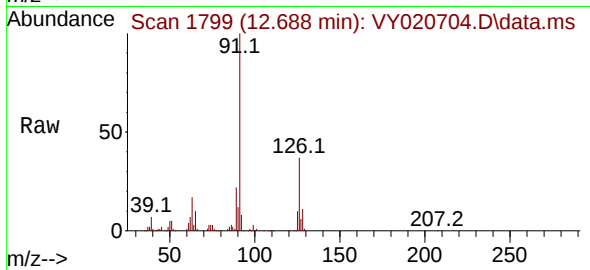




#79
2-Chlorotoluene
Concen: 48.911 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

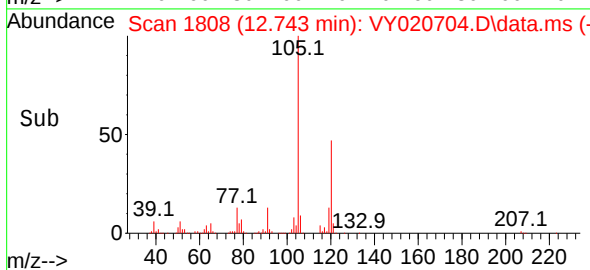
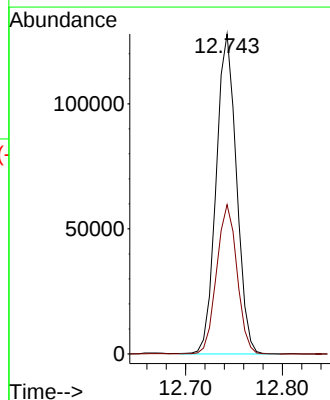
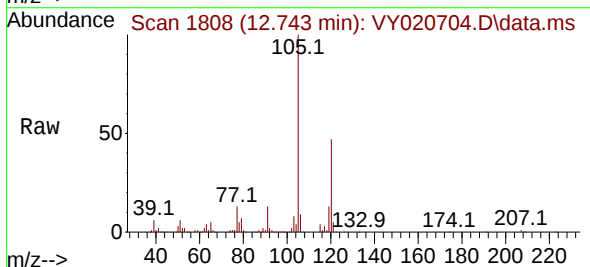
Instrument :
MSVOA_Y
ClientSampleId :

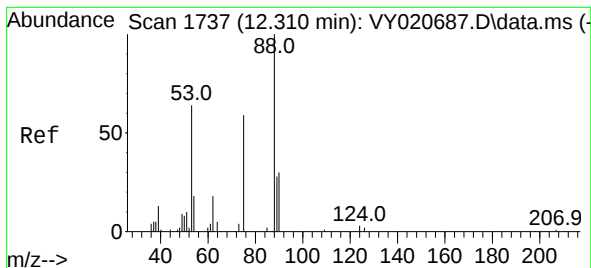
Tgt Ion: 91 Resp: 141572
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 49.839 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion:105 Resp: 186425
Ion Ratio Lower Upper
105 100
120 46.8 23.9 71.7

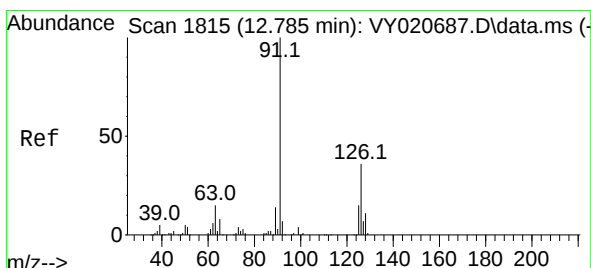
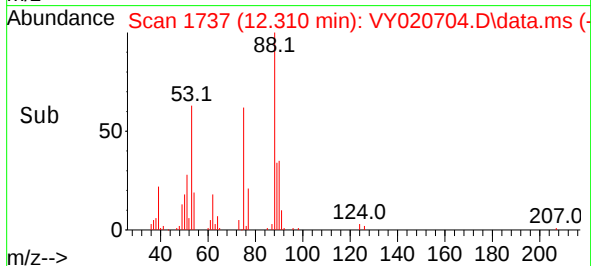
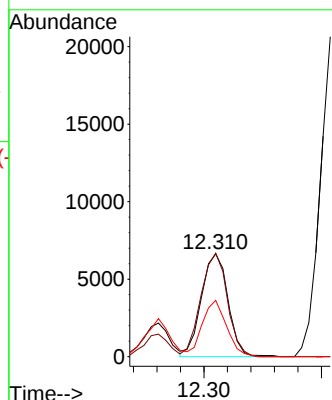
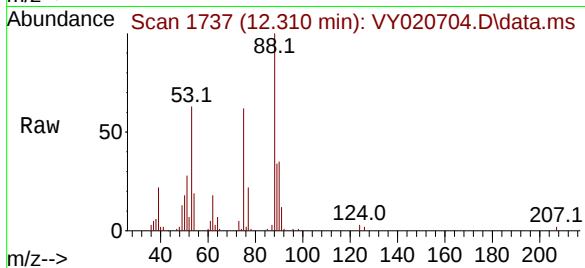




#81
trans-1,4-Dichloro-2-butene
Concen: 49.690 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

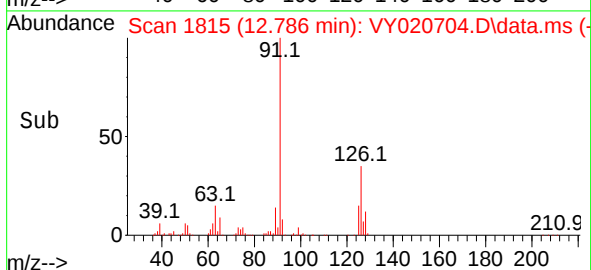
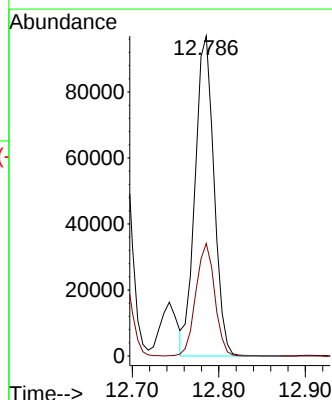
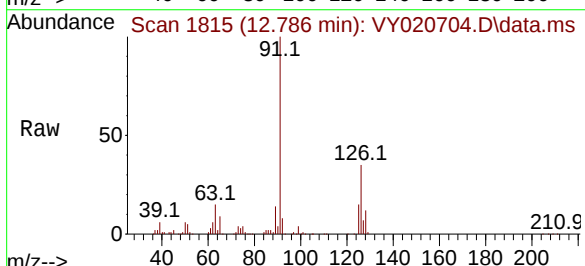
Instrument :
MSVOA_Y
ClientSampleId :

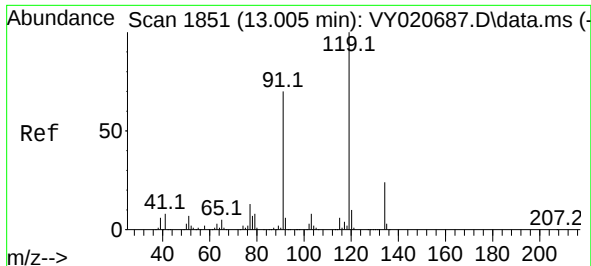
Tgt Ion: 75 Resp: 10452
Ion Ratio Lower Upper
75 100
53 100.3 83.1 124.7
89 49.6 40.6 61.0



#82
4-Chlorotoluene
Concen: 49.759 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion: 91 Resp: 146889
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5





#83

tert-Butylbenzene

Concen: 49.098 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

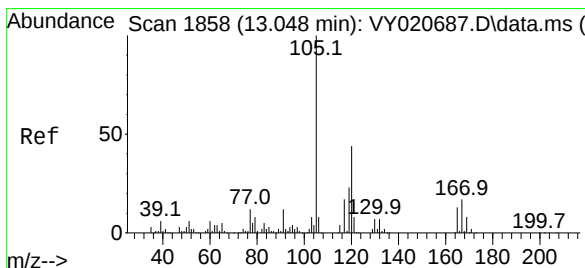
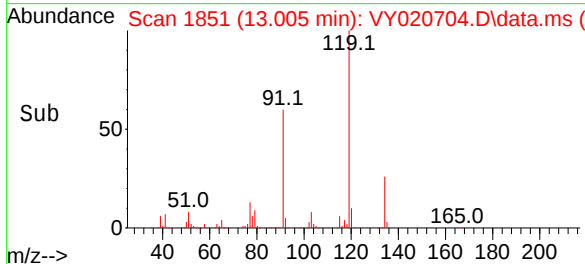
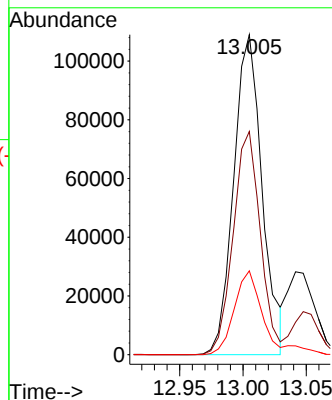
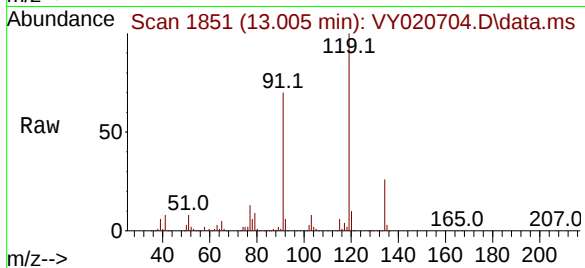
Tgt Ion:119 Resp: 170884

Ion Ratio Lower Upper

119 100

91 66.6 33.6 100.8

134 27.1 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 49.644 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020704.D

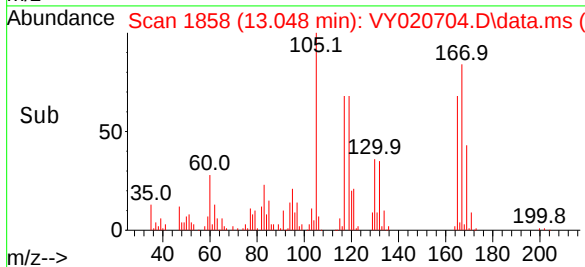
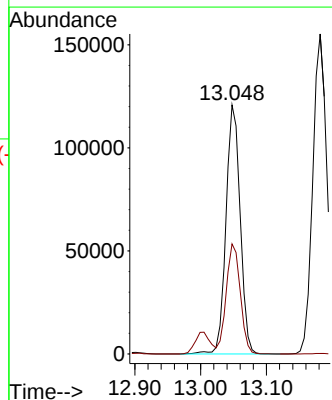
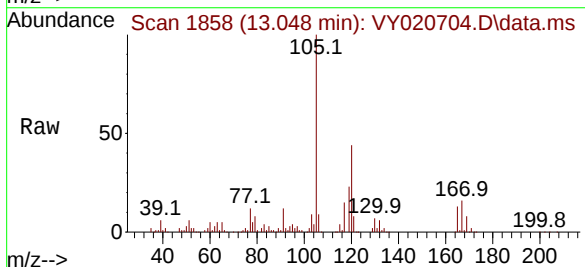
Acq: 23 Dec 2024 20:10

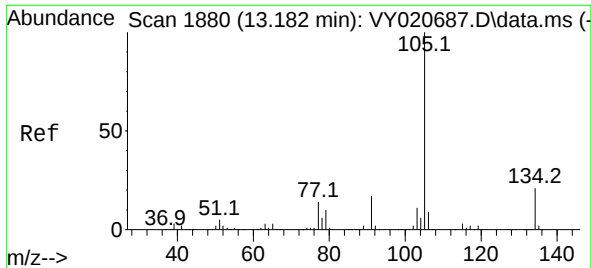
Tgt Ion:105 Resp: 181401

Ion Ratio Lower Upper

105 100

120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 49.454 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

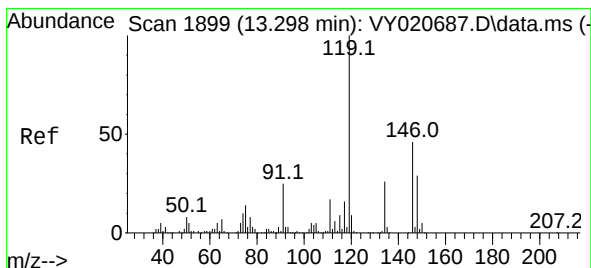
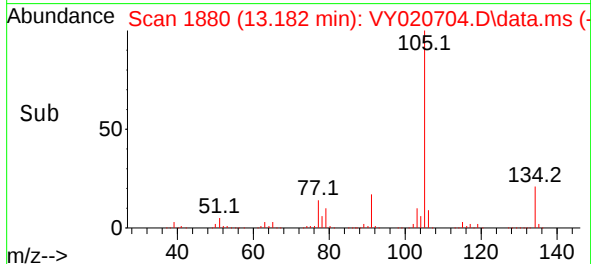
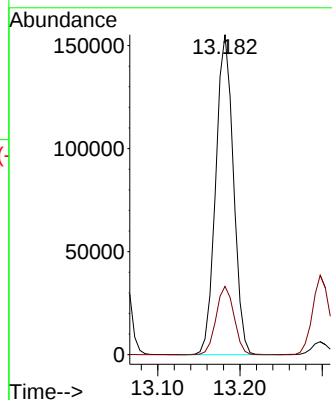
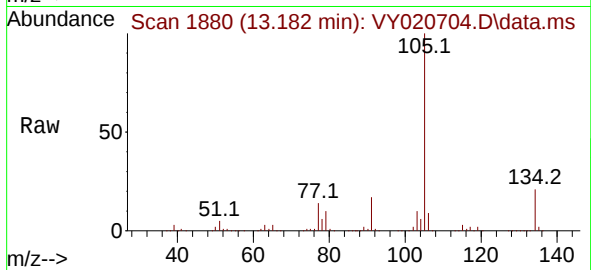
ClientSampleId :

Tgt Ion:105 Resp: 231763

Ion Ratio Lower Upper

105 100

134 21.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 50.523 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

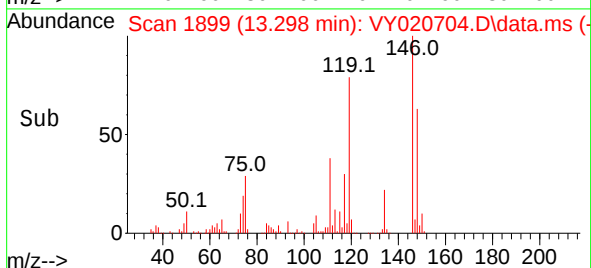
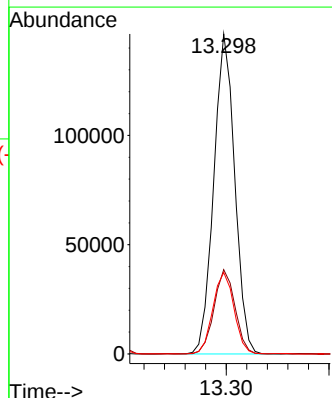
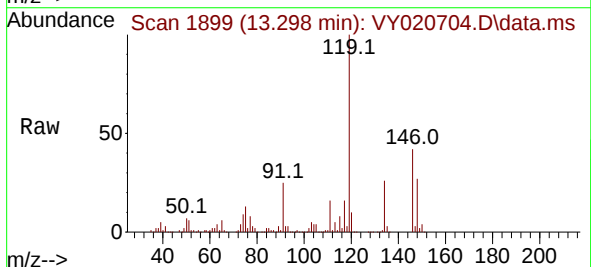
Tgt Ion:119 Resp: 207000

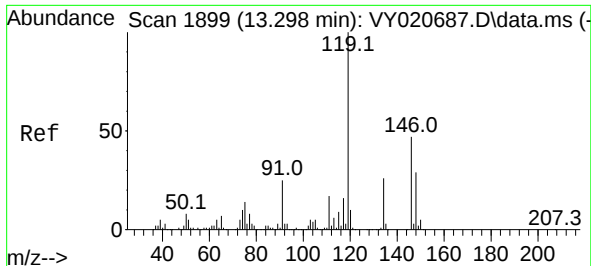
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 25.7 12.9 38.6

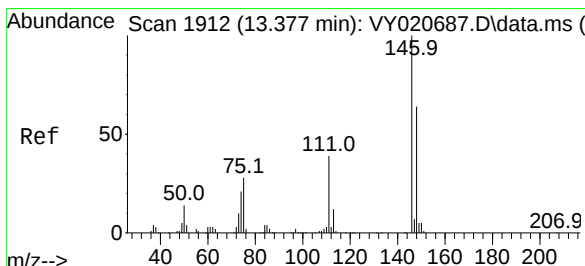
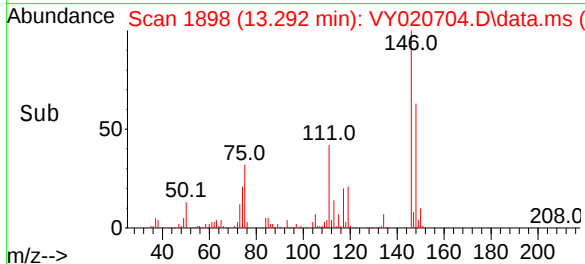
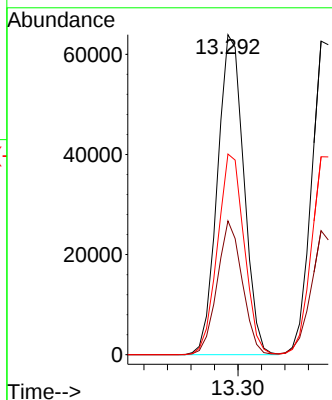
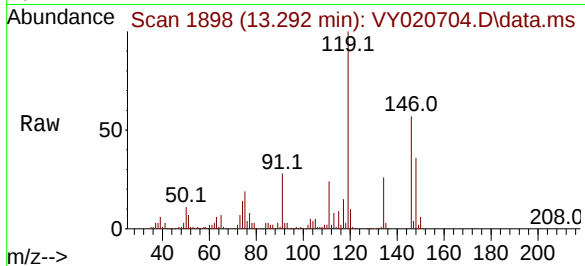




#87
1,3-Dichlorobenzene
Concen: 50.056 ug/l
RT: 13.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

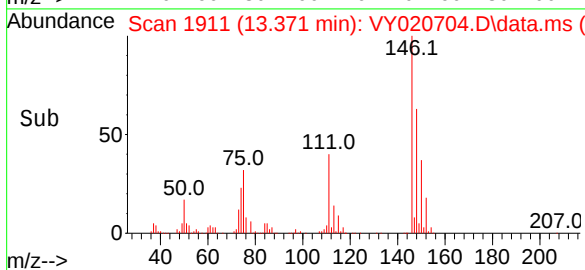
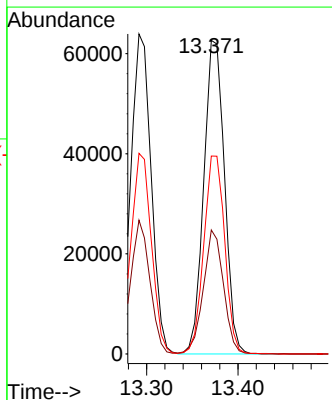
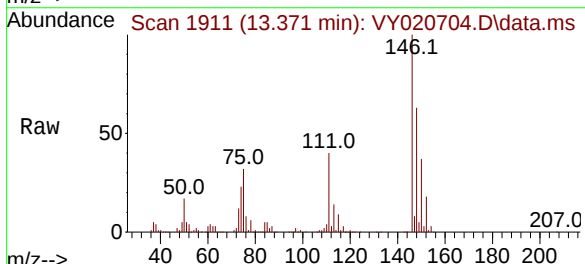
Instrument :
MSVOA_Y
ClientSampleId :

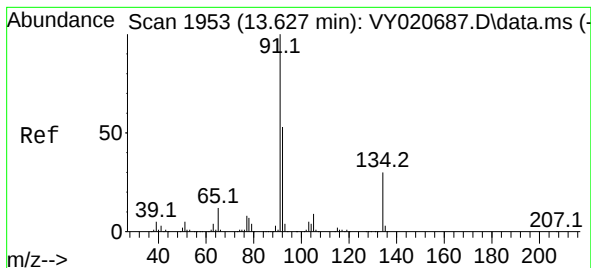
Tgt Ion:146 Resp: 99861
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.8
148 63.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 50.384 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020704.D
Acq: 23 Dec 2024 20:10

Tgt Ion:146 Resp: 98479
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.0
148 63.9 32.8 98.3





#89

n-Butylbenzene

Concen: 50.680 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

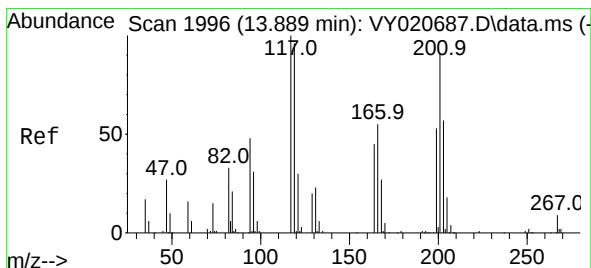
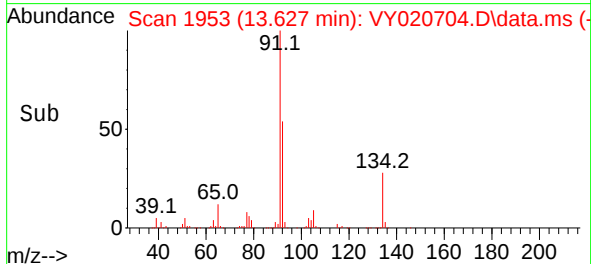
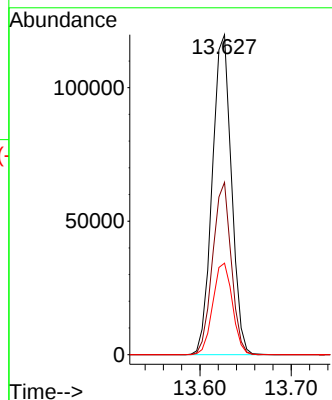
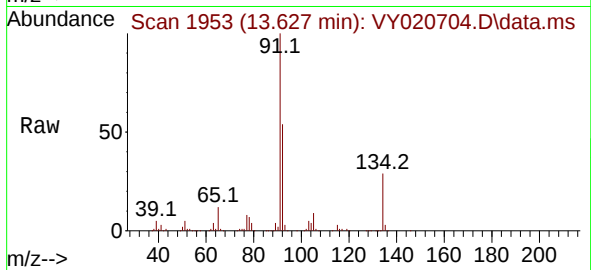
Tgt Ion: 91 Resp: 174927

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

134 29.2 14.8 44.4



#90

Hexachloroethane

Concen: 49.920 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020704.D

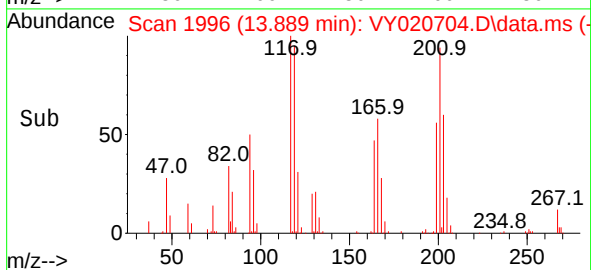
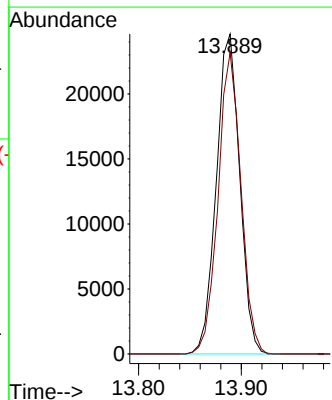
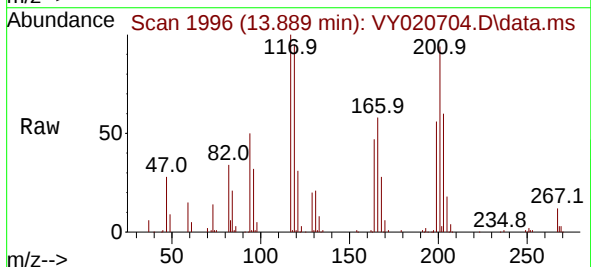
Acq: 23 Dec 2024 20:10

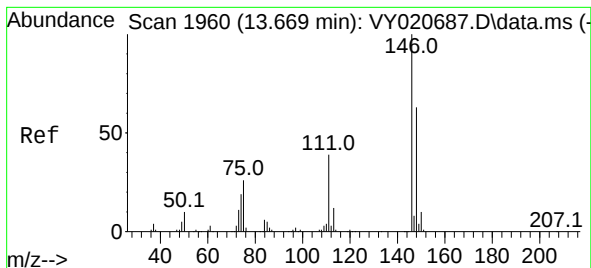
Tgt Ion:117 Resp: 38801

Ion Ratio Lower Upper

117 100

201 92.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 50.182 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

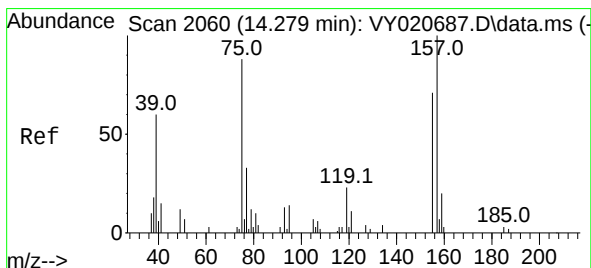
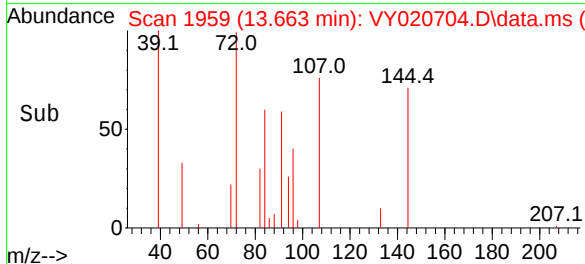
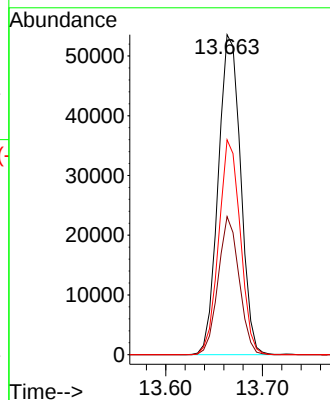
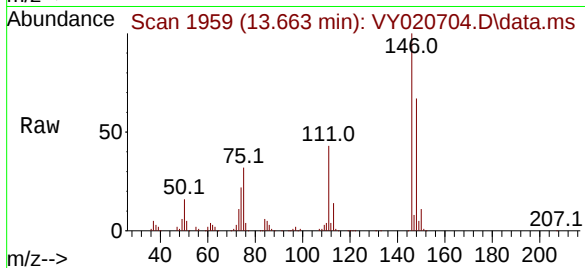
Tgt Ion:146 Resp: 85918

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.822 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

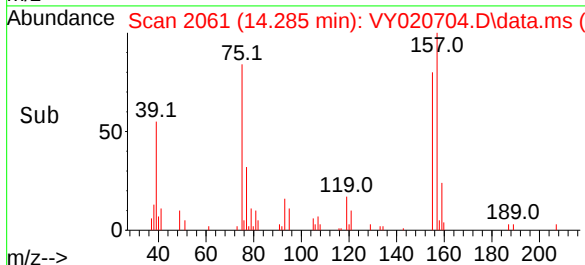
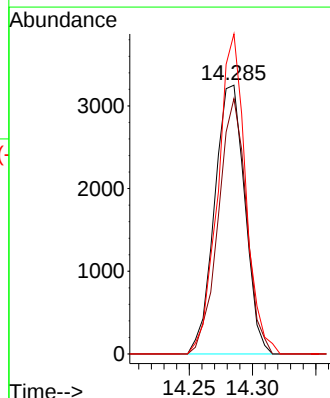
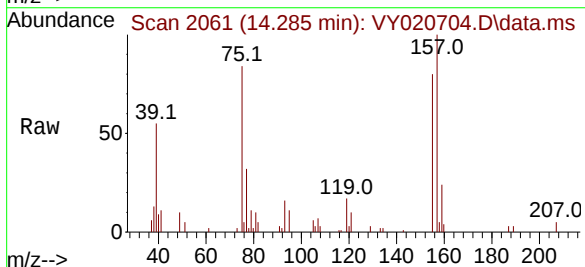
Tgt Ion: 75 Resp: 5399

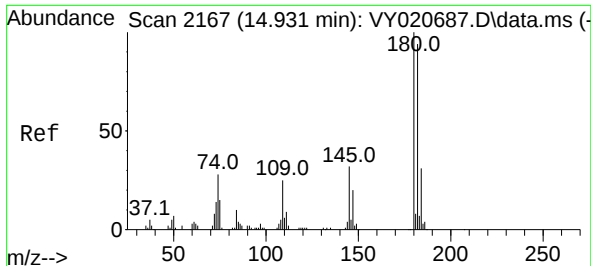
Ion Ratio Lower Upper

75 100

155 88.3 43.4 130.2

157 109.1 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 55.478 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

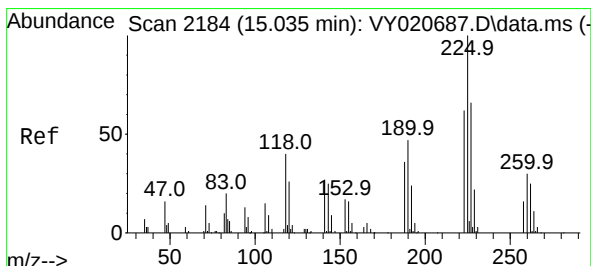
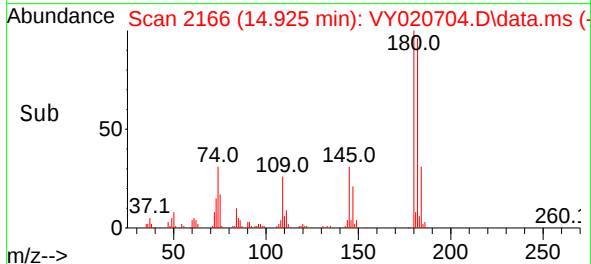
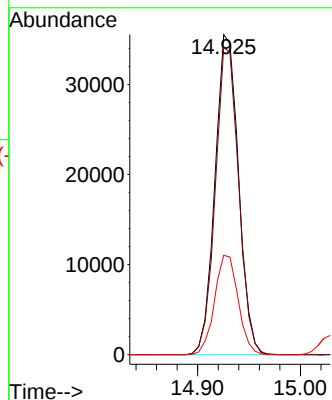
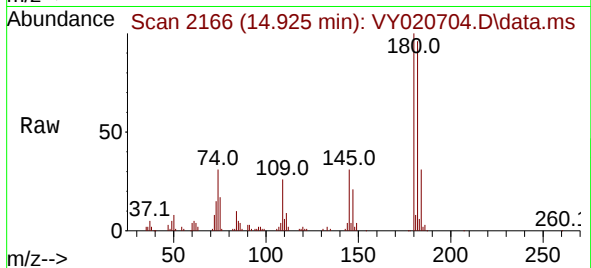
Tgt Ion:180 Resp: 56391

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 52.330 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

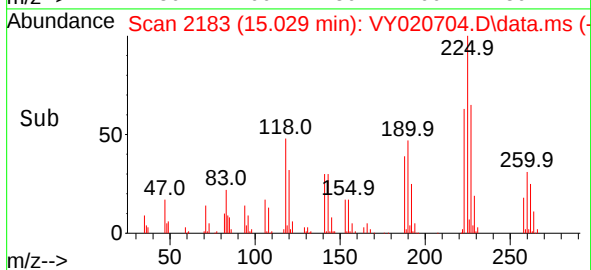
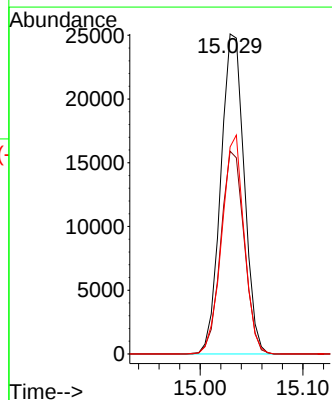
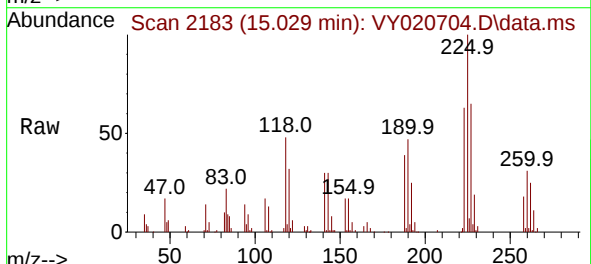
Tgt Ion:225 Resp: 39605

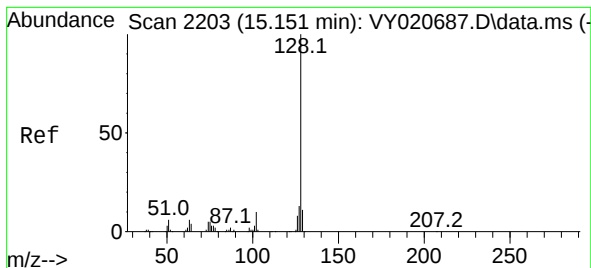
Ion Ratio Lower Upper

225 100

223 63.5 31.3 93.8

227 65.4 32.1 96.5





#95

Naphthalene

Concen: 48.620 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

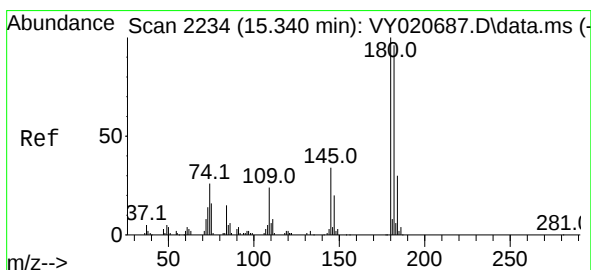
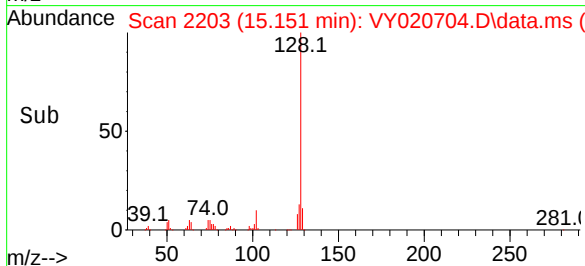
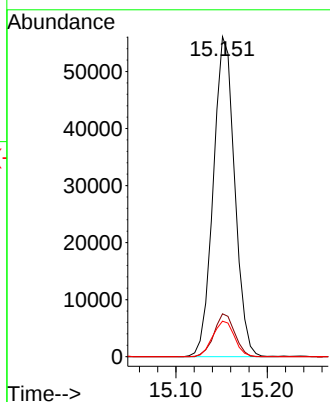
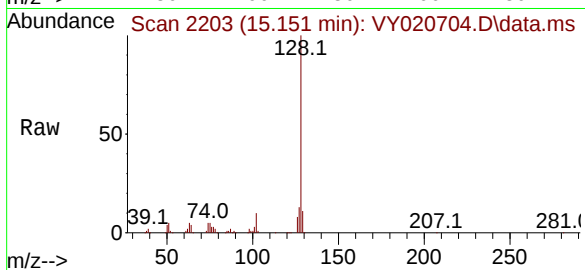
Tgt Ion:128 Resp: 91326

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.910 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020704.D

Acq: 23 Dec 2024 20:10

Tgt Ion:180 Resp: 45813

Ion Ratio Lower Upper

180 100

182 96.8 47.4 142.2

145 33.3 16.7 50.1

