

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020470.D
 Acq On : 27 Nov 2024 18:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 28 01:03:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	171520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	288727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	113752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86198	43.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.480%
35) Dibromofluoromethane	7.640	113	81359	43.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.880%
50) Toluene-d8	10.109	98	314368	43.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.220%
62) 4-Bromofluorobenzene	12.407	95	106095	45.253	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.500%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	92683	55.670	ug/l 99
3) Chloromethane	2.074	50	101108	45.987	ug/l 96
4) Vinyl Chloride	2.208	62	99372	43.508	ug/l 98
5) Bromomethane	2.604	94	59222	51.917	ug/l 99
6) Chloroethane	2.745	64	59928	44.978	ug/l 99
7) Trichlorofluoromethane	3.068	101	164301	51.765	ug/l 95
8) Diethyl Ether	3.458	74	51964	51.889	ug/l 91
9) 1,1,2-Trichlorotrifluo...	3.824	101	92915	49.156	ug/l 97
10) Methyl Iodide	4.013	142	121357	47.932	ug/l 94
11) Tert butyl alcohol	4.866	59	30314	206.994	ug/l # 73
12) 1,1-Dichloroethene	3.799	96	95794	51.198	ug/l 98
13) Acrolein	3.665	56	23451	192.190	ug/l 98
14) Allyl chloride	4.391	41	167550	46.308	ug/l 95
15) Acrylonitrile	5.067	53	107179	242.110	ug/l 99
16) Acetone	3.879	43	84880	179.677	ug/l 99
17) Carbon Disulfide	4.116	76	318968	50.600	ug/l 99
18) Methyl Acetate	4.391	43	57513	52.229	ug/l 98
19) Methyl tert-butyl Ether	5.128	73	251385	51.719	ug/l 98
20) Methylene Chloride	4.622	84	105507	52.740	ug/l 95
21) trans-1,2-Dichloroethene	5.122	96	107838	51.892	ug/l 96
22) Diisopropyl ether	6.024	45	338593	47.487	ug/l 99
23) Vinyl Acetate	5.970	43	825300	207.118	ug/l 99
24) 1,1-Dichloroethane	5.927	63	202539	50.317	ug/l 99
25) 2-Butanone	6.896	43	134667	221.431	ug/l 97
26) 2,2-Dichloropropane	6.896	77	148525	44.642	ug/l 99
27) cis-1,2-Dichloroethene	6.902	96	124117	54.225	ug/l 96
28) Bromochloromethane	7.250	49	70964	41.888	ug/l 95
29) Tetrahydrofuran	7.268	42	88527	243.550	ug/l 98
30) Chloroform	7.427	83	203928	52.464	ug/l 100
31) Cyclohexane	7.707	56	164848	44.876	ug/l 95
32) 1,1,1-Trichloroethane	7.622	97	186953	54.776	ug/l 97
36) 1,1-Dichloropropene	7.841	75	145497	51.453	ug/l 100
37) Ethyl Acetate	6.994	43	63281	48.851	ug/l 99
38) Carbon Tetrachloride	7.823	117	170362	57.702	ug/l 97
39) Methylcyclohexane	9.109	83	179247	50.649	ug/l 99
40) Benzene	8.085	78	448043	54.066	ug/l 99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	37530	50.919	ug/l	95
42) 1,2-Dichloroethane	8.164	62	122193	54.628	ug/l	100
43) Isopropyl Acetate	8.201	43	127209	50.497	ug/l #	89
44) Trichloroethene	8.872	130	108948	55.489	ug/l	99
45) 1,2-Dichloropropane	9.146	63	104838	53.025	ug/l	99
46) Dibromomethane	9.231	93	54338	53.621	ug/l	98
47) Bromodichloromethane	9.426	83	153010	54.696	ug/l	99
48) Methyl methacrylate	9.225	41	61097	50.728	ug/l	95
49) 1,4-Dioxane	9.231	88	11134	1067.941	ug/l	89
51) 4-Methyl-2-Pentanone	9.999	43	314594	246.081	ug/l	98
52) Toluene	10.176	92	279558	55.193	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	135261	51.131	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	159974	52.827	ug/l	94
55) 1,1,2-Trichloroethane	10.572	97	70658	52.528	ug/l	97
56) Ethyl methacrylate	10.438	69	103441	51.205	ug/l	95
57) 1,3-Dichloropropane	10.719	76	127562	52.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	230726	240.870	ug/l	96
59) 2-Hexanone	10.761	43	208635	230.472	ug/l	96
60) Dibromochloromethane	10.914	129	96675	55.758	ug/l	98
61) 1,2-Dibromoethane	11.017	107	66550	53.390	ug/l	98
64) Tetrachloroethene	10.652	164	107165	60.259	ug/l	95
65) Chlorobenzene	11.444	112	289278	52.589	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	100674	54.786	ug/l	98
67) Ethyl Benzene	11.517	91	532208	52.444	ug/l	100
68) m/p-Xylenes	11.633	106	388698	106.336	ug/l	98
69) o-Xylene	11.956	106	186960	53.925	ug/l	100
70) Styrene	11.969	104	313008	54.338	ug/l	99
71) Bromoform	12.133	173	54308	56.707	ug/l #	100
73) Isopropylbenzene	12.255	105	490934	50.947	ug/l	99
74) N-amyl acetate	12.072	43	102546	44.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	74918	48.105	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	59144m	55.164	ug/l	
77) Bromobenzene	12.536	156	107537	53.266	ug/l	98
78) n-propylbenzene	12.596	91	579780	50.134	ug/l	99
79) 2-Chlorotoluene	12.682	91	333634	50.176	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	400115	51.378	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24941	45.582	ug/l	95
82) 4-Chlorotoluene	12.779	91	336933	49.099	ug/l	99
83) tert-Butylbenzene	12.999	119	352377	51.274	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	395069	51.169	ug/l	100
85) sec-Butylbenzene	13.176	105	505087	46.619	ug/l	100
86) p-Isopropyltoluene	13.291	119	420058	50.145	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	204540	50.106	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	195807	50.203	ug/l	99
89) n-Butylbenzene	13.621	91	382772	47.715	ug/l	99
90) Hexachloroethane	13.883	117	82774	51.196	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	174134	51.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11830	46.292	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	100013	48.634	ug/l	100
94) Hexachlorobutadiene	15.029	225	66776	53.197	ug/l	97
95) Naphthalene	15.151	128	177683	50.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	83715	47.611	ug/l	100

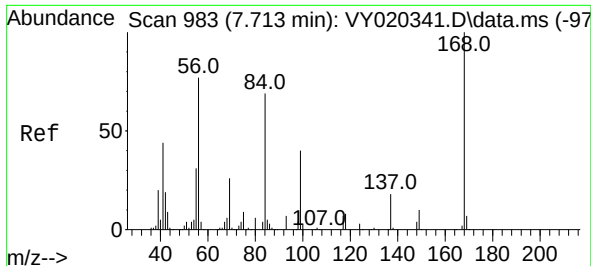
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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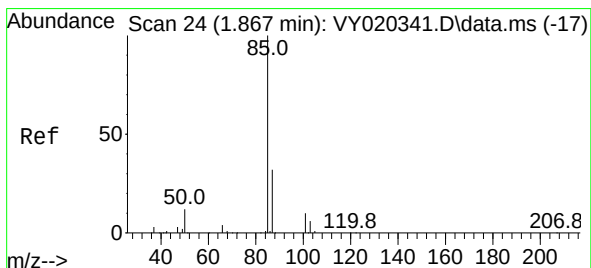
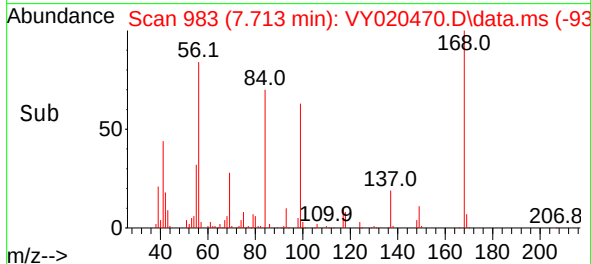
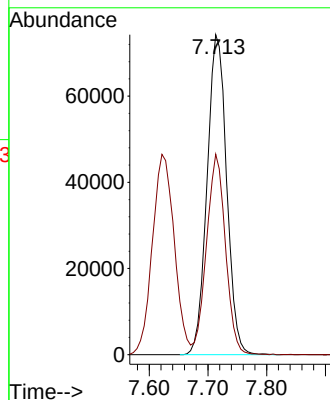
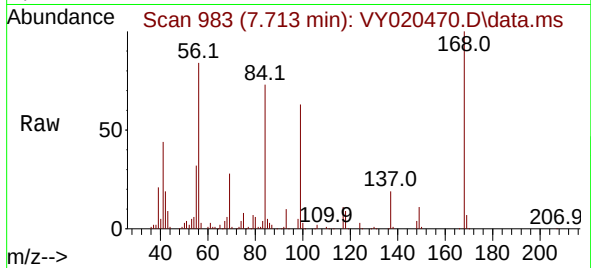
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

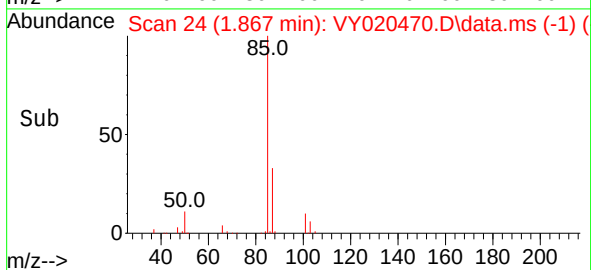
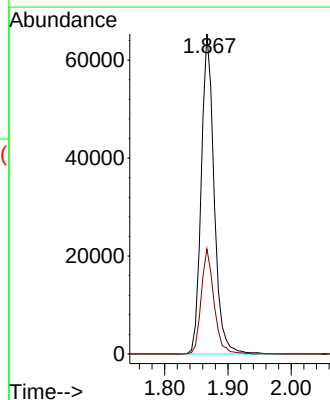
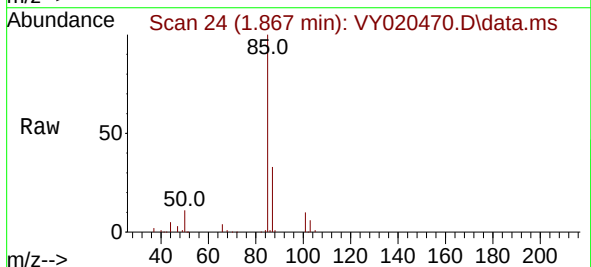
Instrument :
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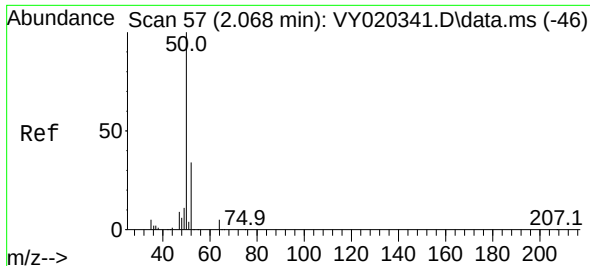
Tgt Ion:168 Resp: 171520
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 55.670 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 85 Resp: 92683
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

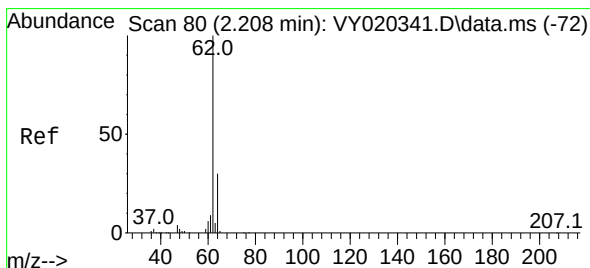
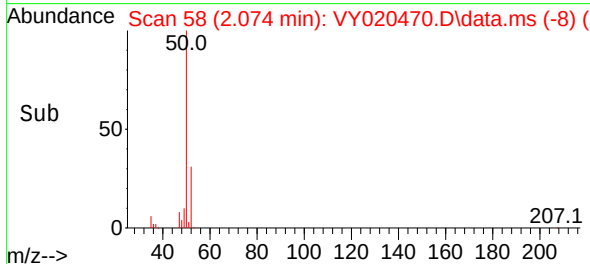
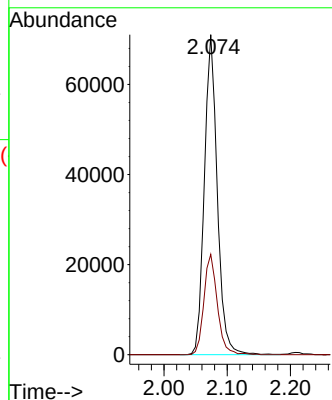
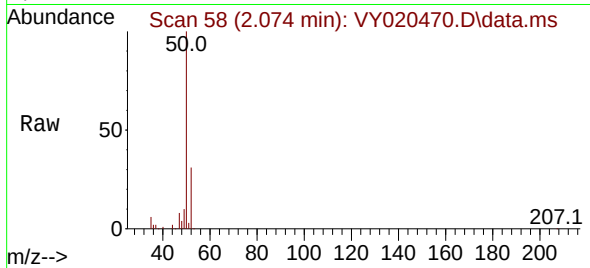




#3
Chloromethane
Concen: 45.987 ug/l
RT: 2.074 min Scan# 57
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

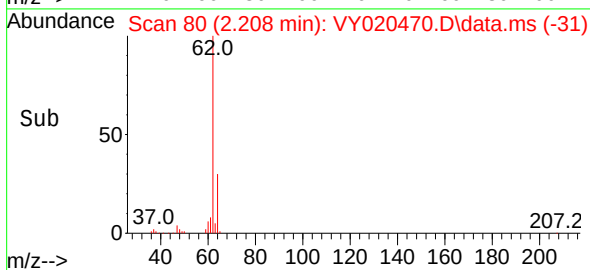
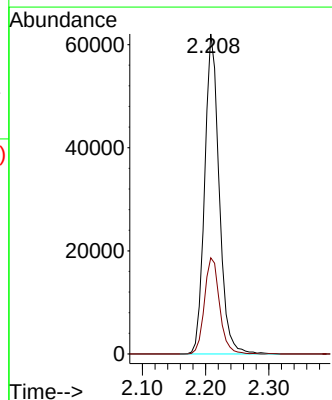
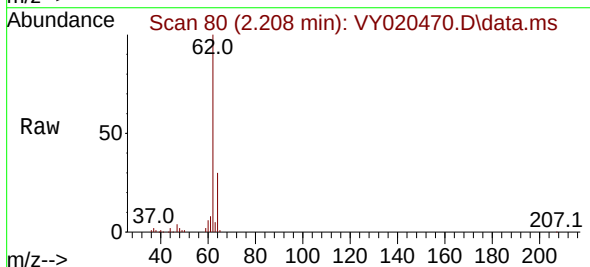
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ClientSampleId :
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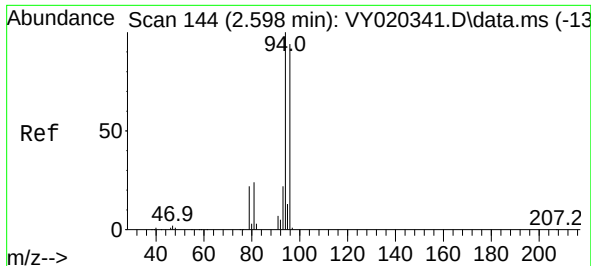
Tgt Ion: 50 Resp: 101108
Ion Ratio Lower Upper
50 100
52 31.4 26.9 40.3



#4
Vinyl Chloride
Concen: 43.508 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 62 Resp: 99372
Ion Ratio Lower Upper
62 100
64 30.0 24.7 37.1

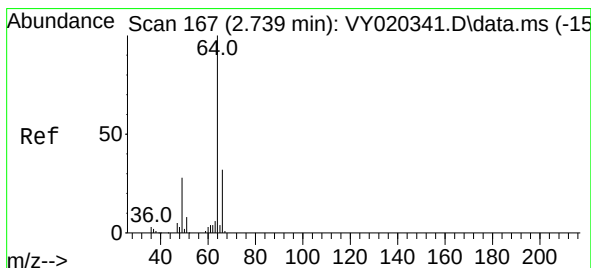
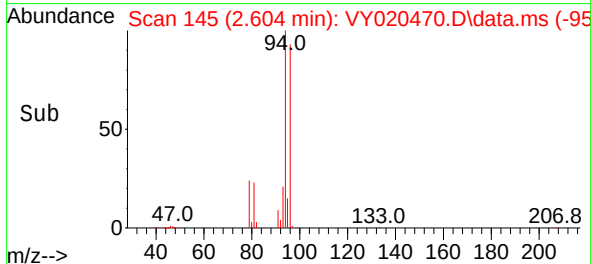
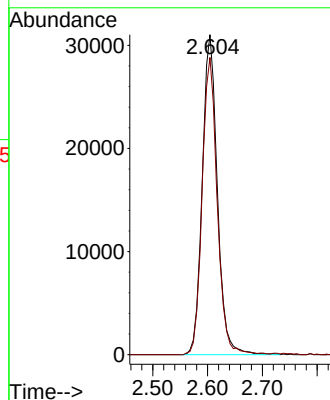
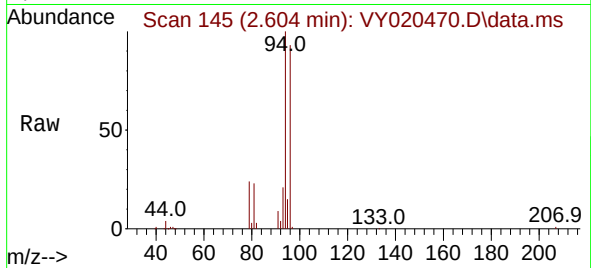




#5
Bromomethane
Concen: 51.917 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

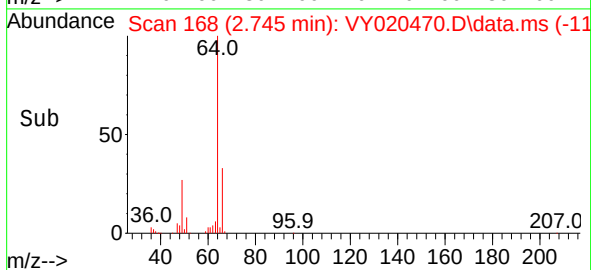
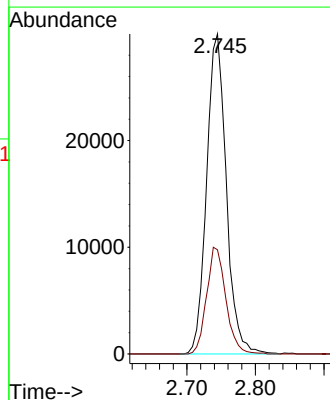
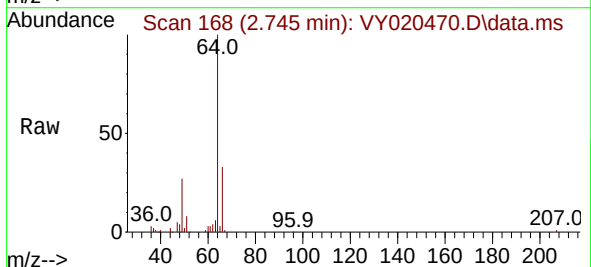
Instrument :
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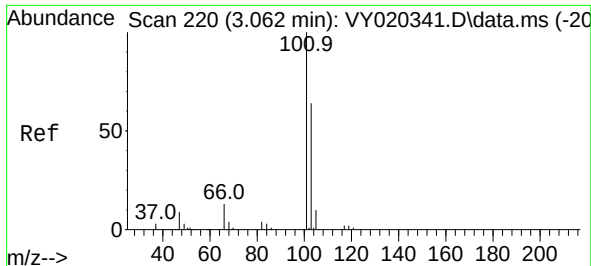
Tgt Ion: 94 Resp: 59222
Ion Ratio Lower Upper
94 100
96 92.9 75.4 113.2



#6
Chloroethane
Concen: 44.978 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 64 Resp: 59928
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5

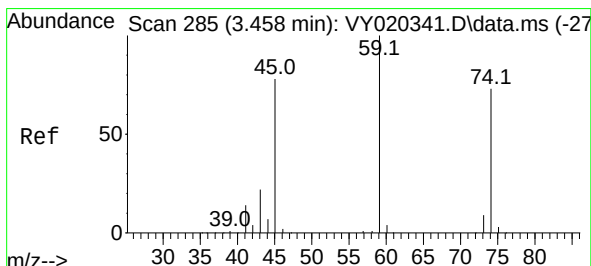
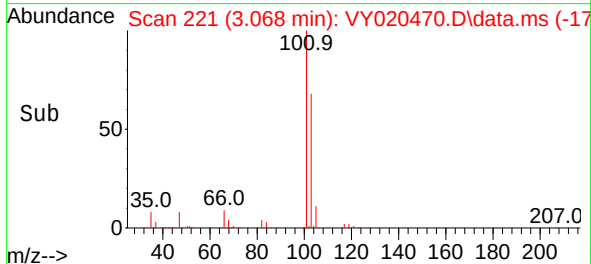
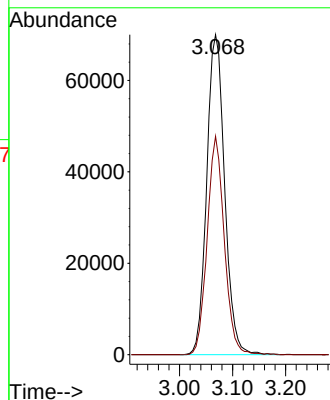
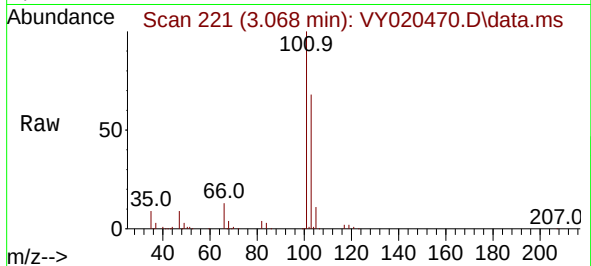




#7
Trichlorofluoromethane
Concen: 51.765 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020470.D
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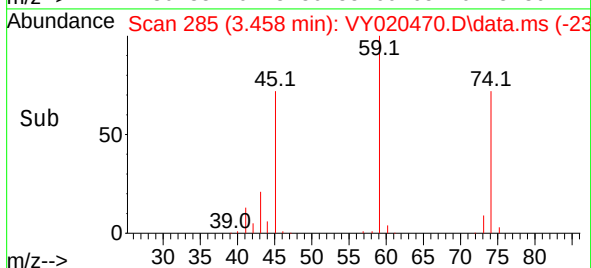
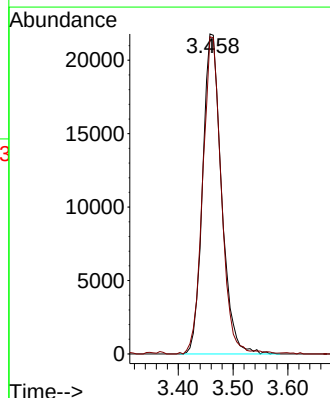
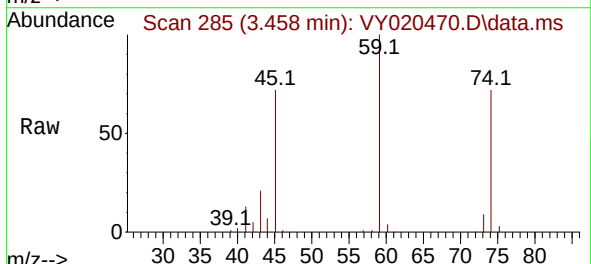
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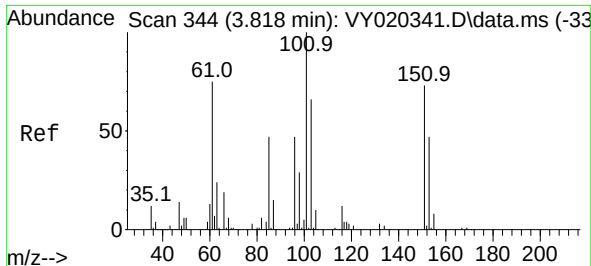
Tgt Ion:101 Resp: 164301
Ion Ratio Lower Upper
101 100
103 68.3 51.5 77.3



#8
Diethyl Ether
Concen: 51.889 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 74 Resp: 51964
Ion Ratio Lower Upper
74 100
45 97.8 53.6 160.8

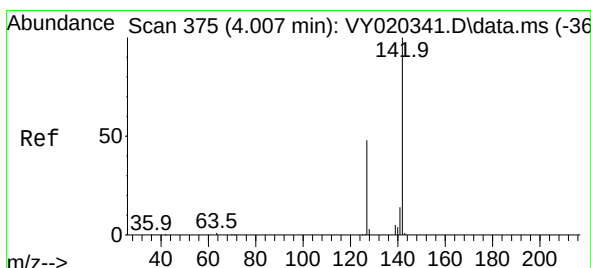
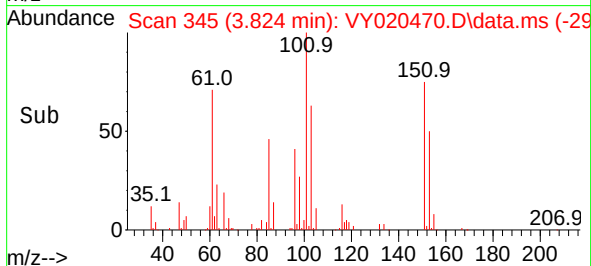
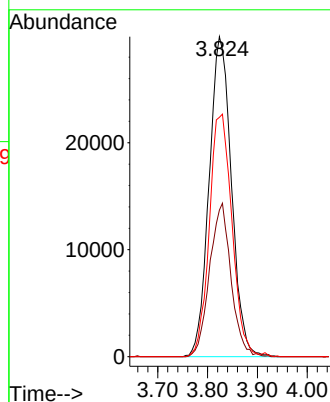
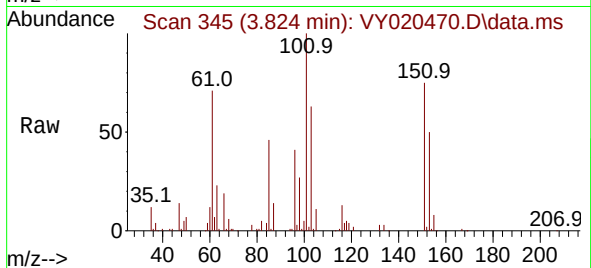




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.156 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
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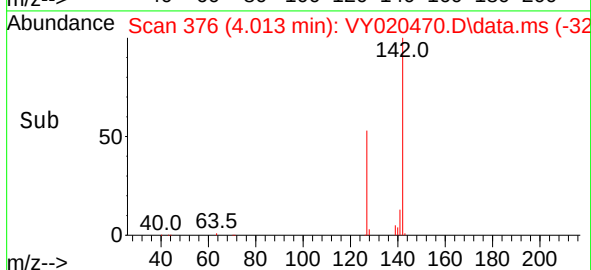
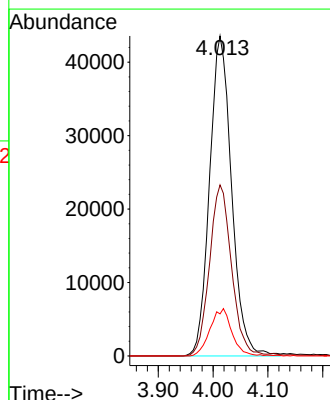
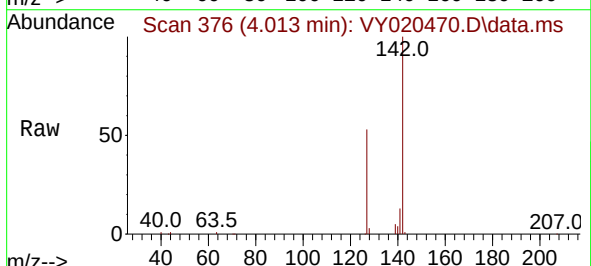
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VSTDCCC050EC

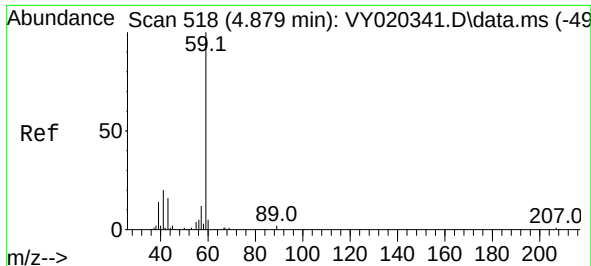
Tgt Ion:101 Resp: 92915
Ion Ratio Lower Upper
101 100
85 46.1 38.0 57.0
151 77.4 59.6 89.4



#10
Methyl Iodide
Concen: 47.932 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion:142 Resp: 121357
Ion Ratio Lower Upper
142 100
127 53.4 38.9 58.3
141 14.8 11.7 17.5

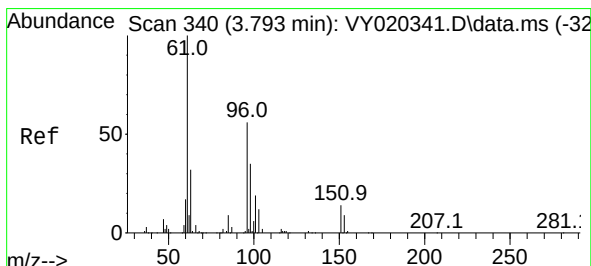
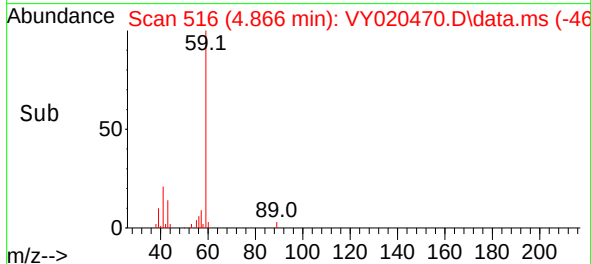
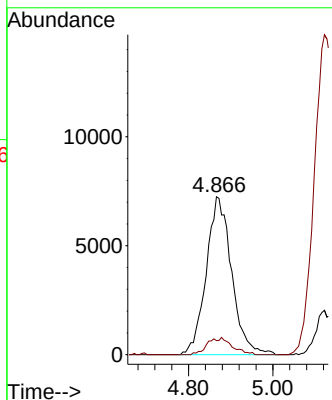
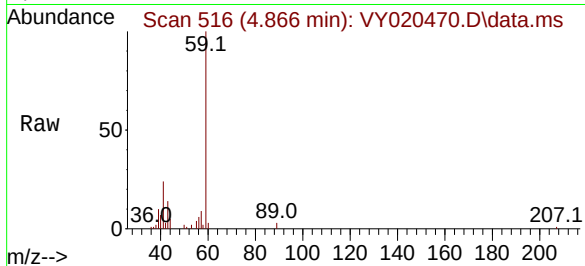




#11
Tert butyl alcohol
Concen: 206.994 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

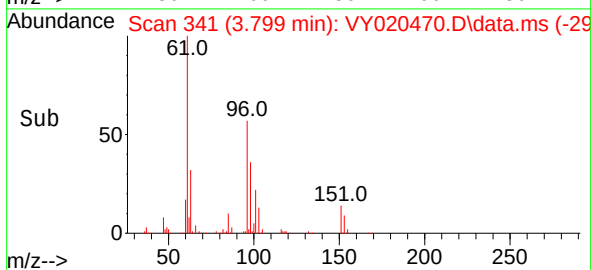
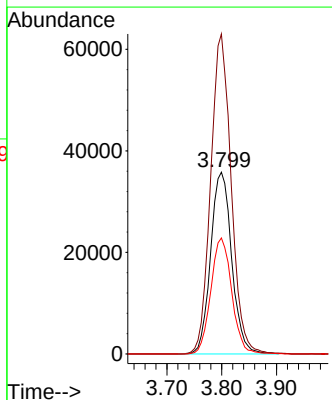
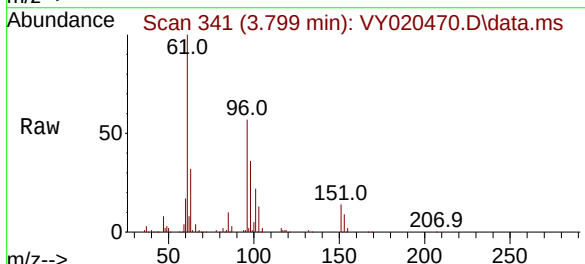
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

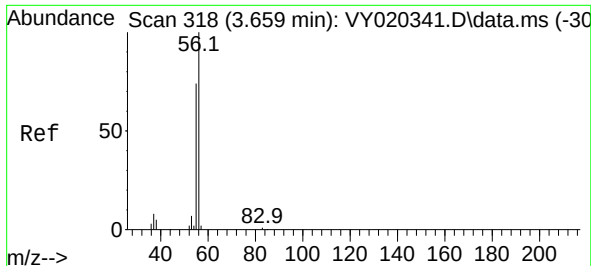
Tgt Ion: 59 Resp: 30314
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 51.198 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 96 Resp: 95794
Ion Ratio Lower Upper
96 100
61 176.1 143.3 214.9
98 63.9 49.8 74.8





#13

Acrolein

Concen: 192.190 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

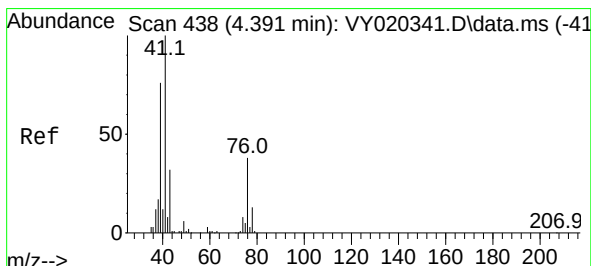
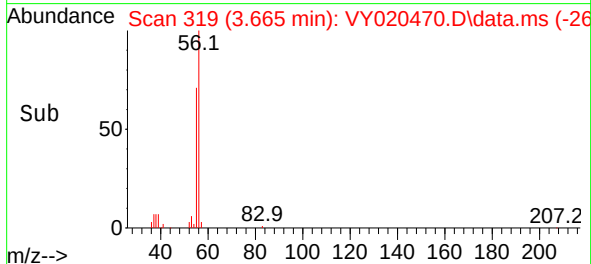
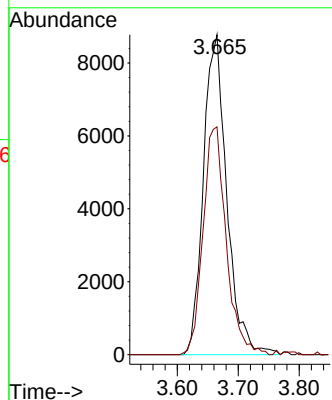
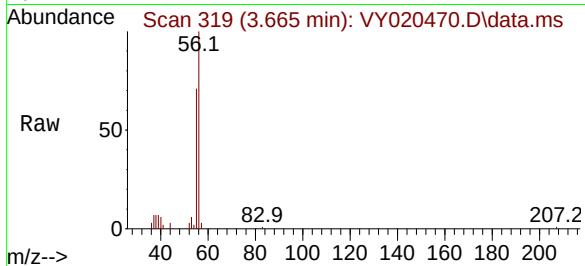
VSTDCCC050EC

Tgt Ion: 56 Resp: 23451

Ion Ratio Lower Upper

56 100

55 70.5 57.7 86.5



#14

Allyl chloride

Concen: 46.308 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

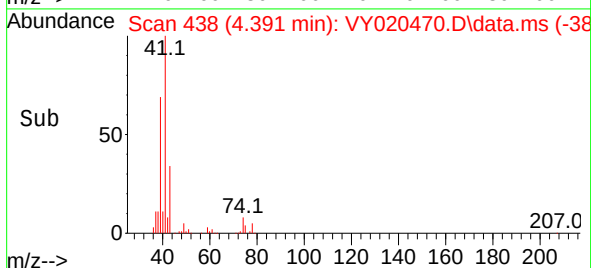
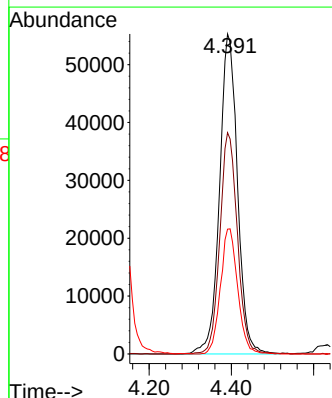
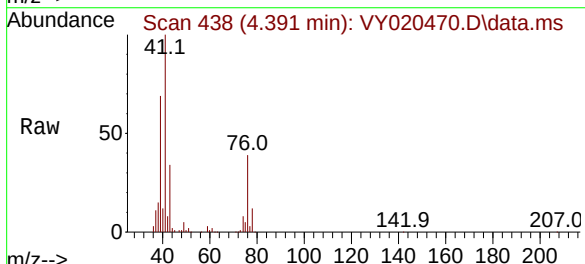
Tgt Ion: 41 Resp: 167550

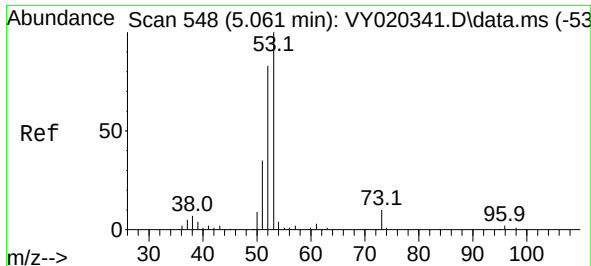
Ion Ratio Lower Upper

41 100

39 67.7 58.8 88.2

76 37.5 29.7 44.5

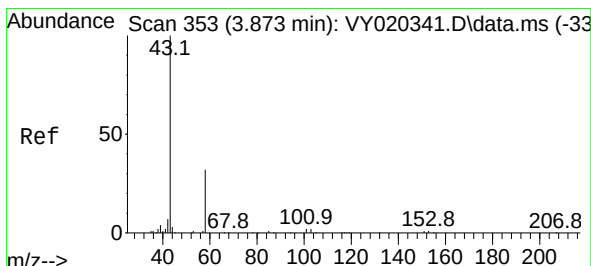
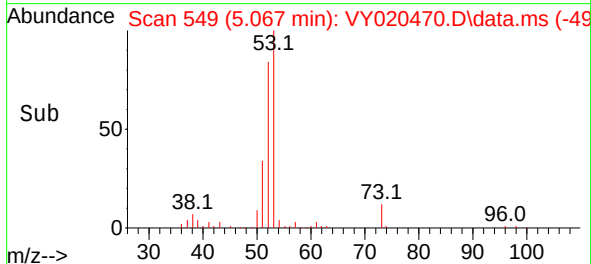
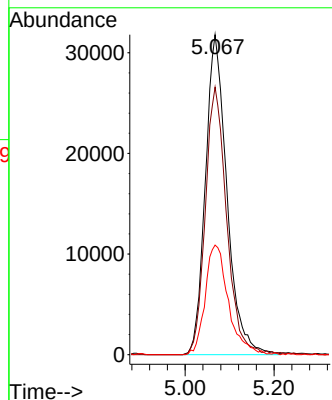
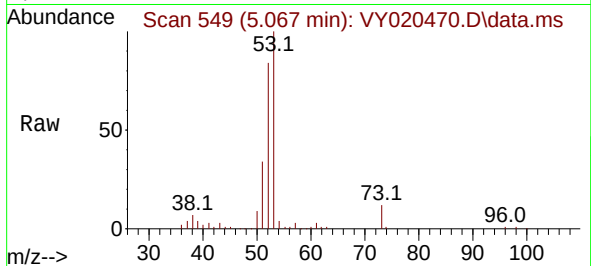




#15
Acrylonitrile
Concen: 242.110 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

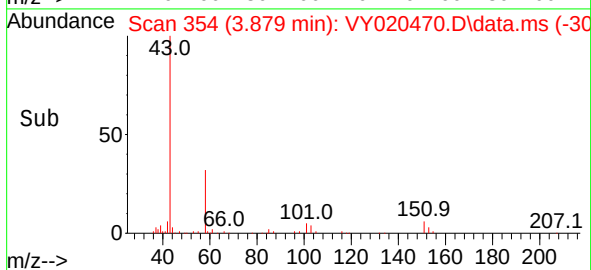
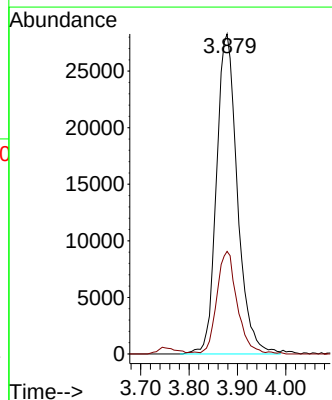
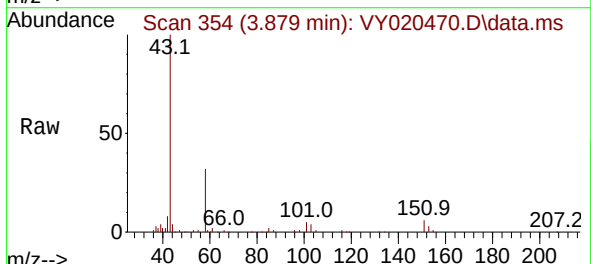
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

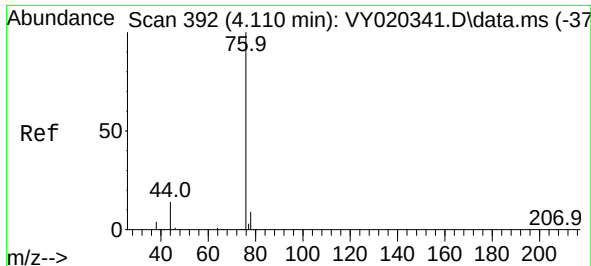
Tgt Ion: 53 Resp: 107179
Ion Ratio Lower Upper
53 100
52 82.4 65.2 97.8
51 36.8 30.2 45.4



#16
Acetone
Concen: 179.677 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 43 Resp: 84880
Ion Ratio Lower Upper
43 100
58 31.6 25.7 38.5

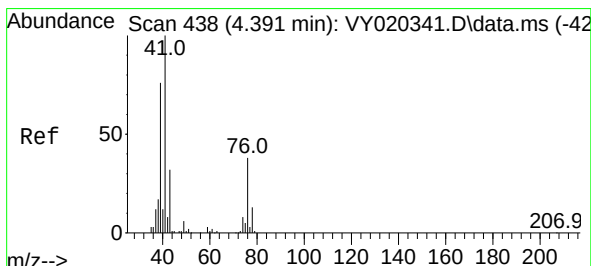
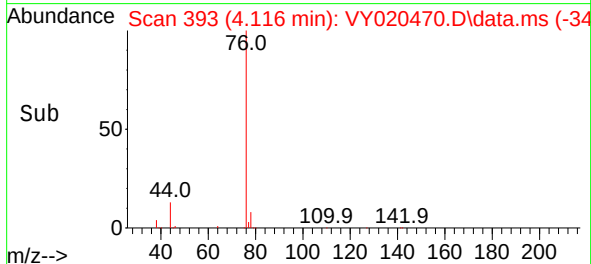
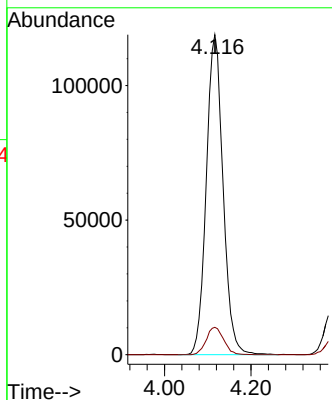
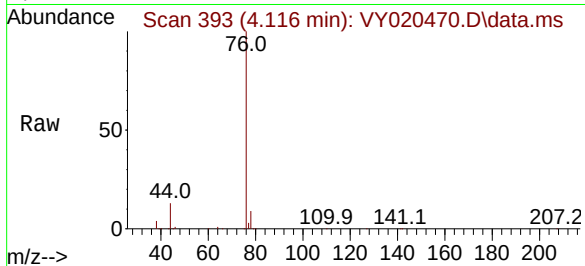




#17
Carbon Disulfide
Concen: 50.600 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

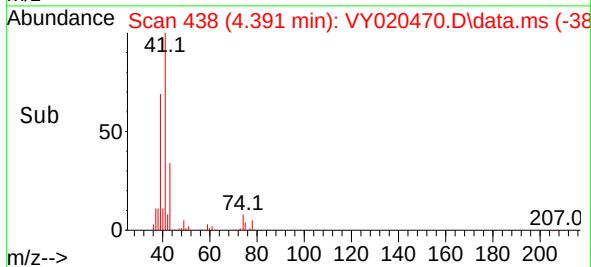
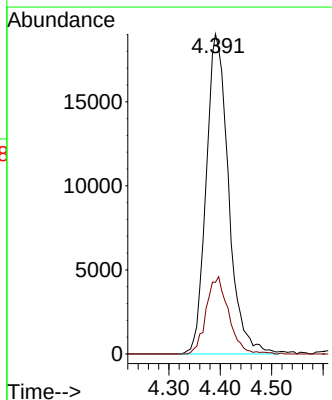
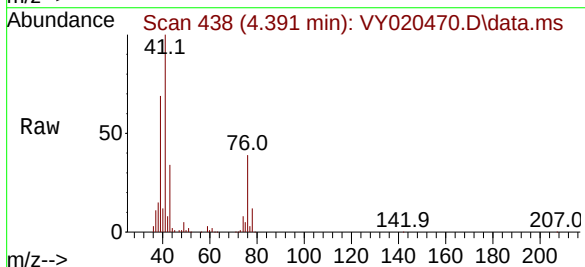
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

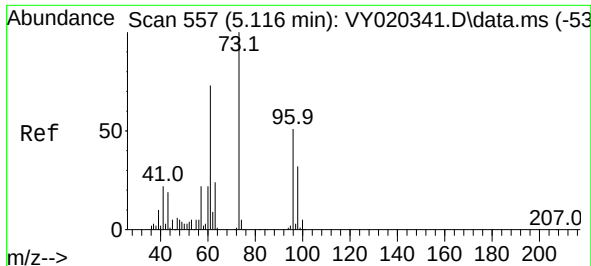
Tgt Ion: 76 Resp: 318968
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 52.229 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 43 Resp: 57513
Ion Ratio Lower Upper
43 100
74 24.2 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 51.719 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

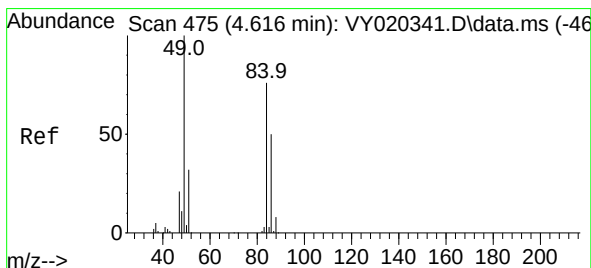
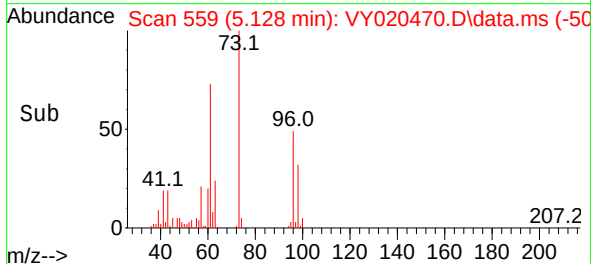
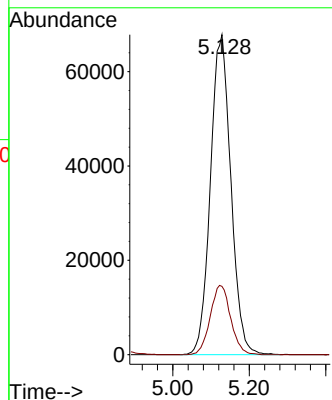
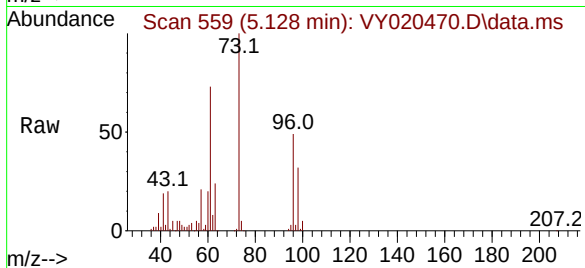
VSTDCCC050EC

Tgt Ion: 73 Resp: 251385

Ion Ratio Lower Upper

73 100

57 21.3 18.0 27.0



#20

Methylene Chloride

Concen: 52.740 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Tgt Ion: 84 Resp: 105507

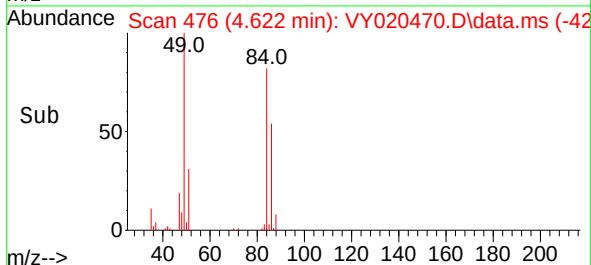
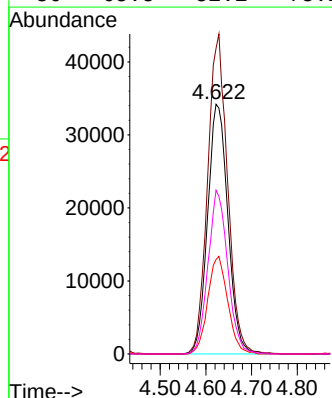
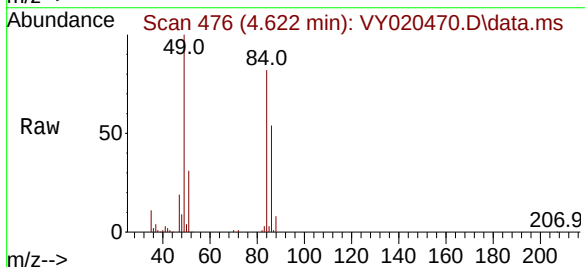
Ion Ratio Lower Upper

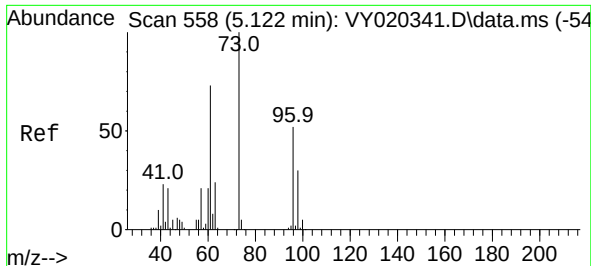
84 100

49 122.3 104.7 157.1

51 37.8 33.4 50.0

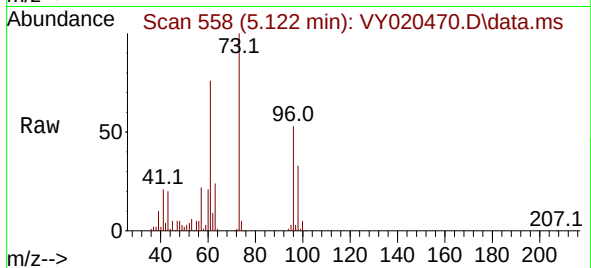
86 65.5 52.2 78.2



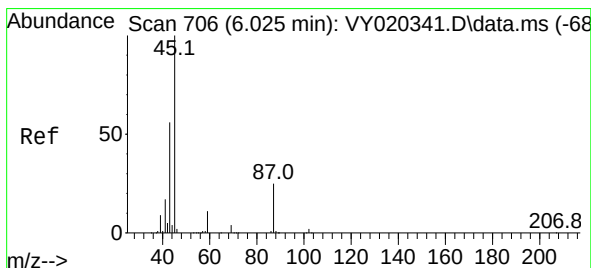
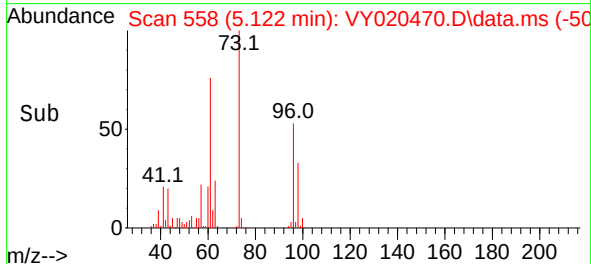
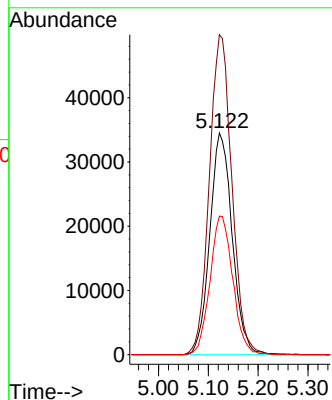


#21
trans-1,2-Dichloroethene
Concen: 51.892 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

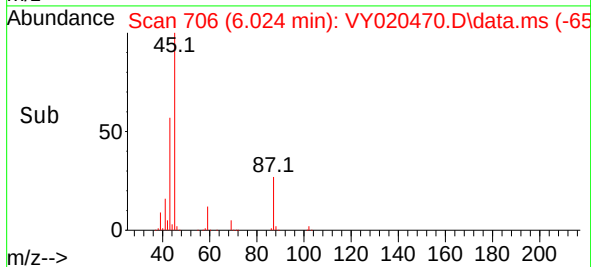
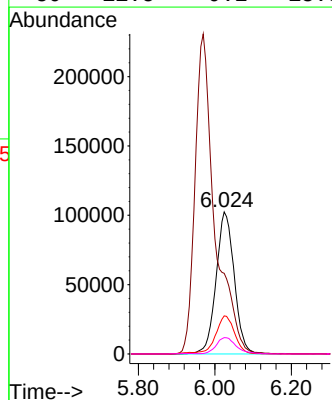
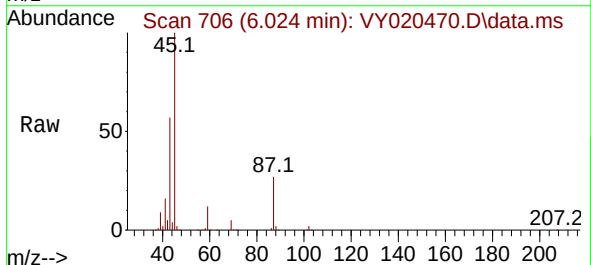


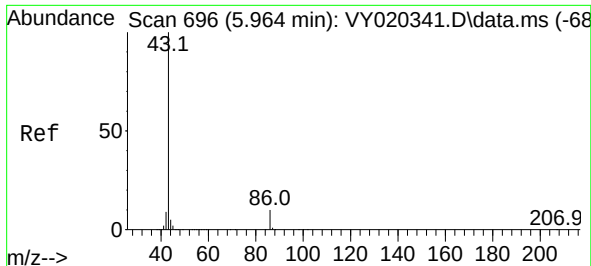
Tgt Ion: 96 Resp: 107838
Ion Ratio Lower Upper
96 100
61 144.3 111.6 167.4
98 62.4 46.7 70.1



#22
Diisopropyl ether
Concen: 47.487 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 45 Resp: 338593
Ion Ratio Lower Upper
45 100
43 56.4 44.8 67.2
87 26.7 20.6 30.8
59 11.5 9.2 13.8

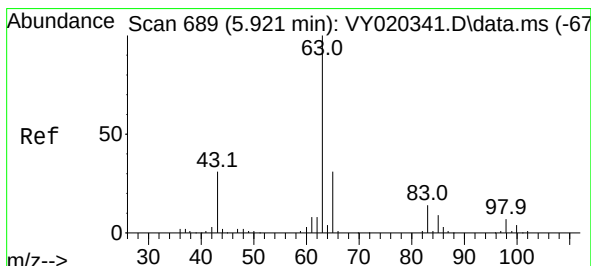
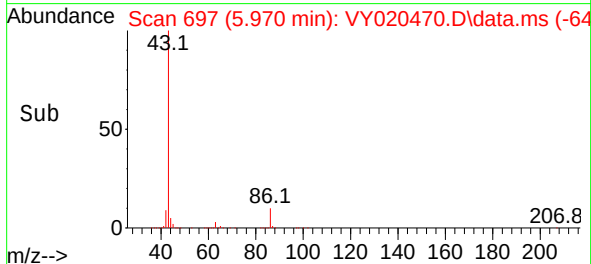
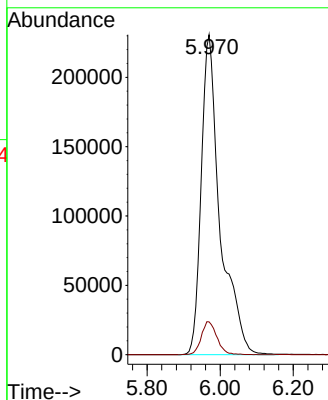
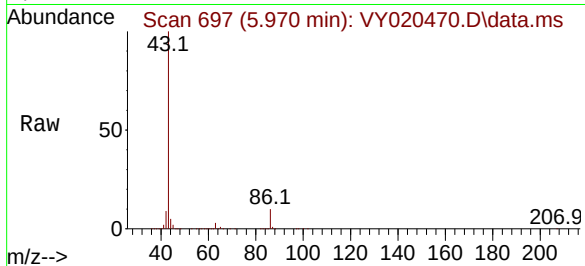




#23
Vinyl Acetate
Concen: 207.118 ug/l
RT: 5.970 min Scan# 696
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

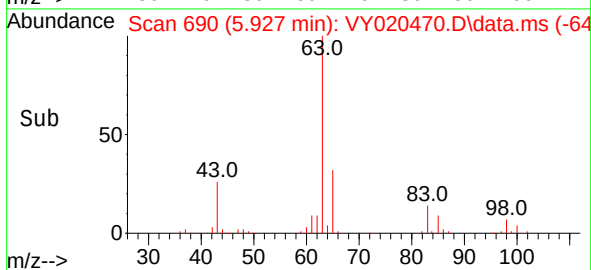
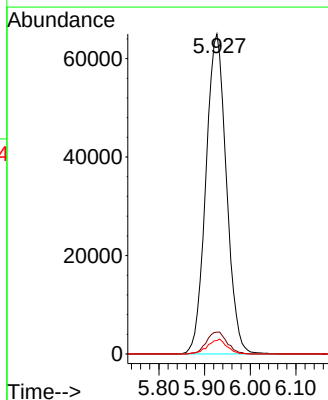
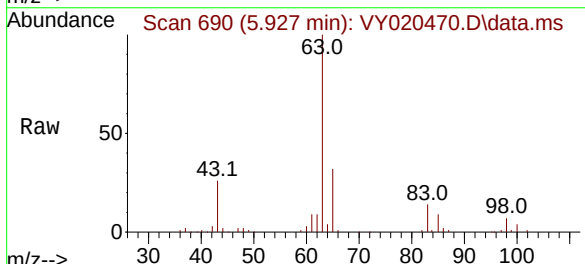
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

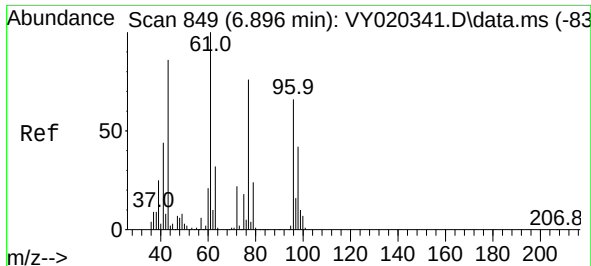
Tgt Ion: 43 Resp: 825300
Ion Ratio Lower Upper
43 100
86 10.2 8.0 12.0



#24
1,1-Dichloroethane
Concen: 50.317 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 63 Resp: 202539
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 4.2 2.0 5.8

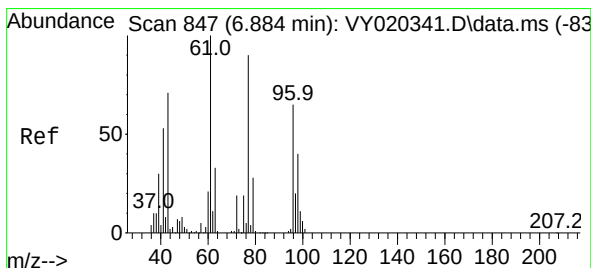
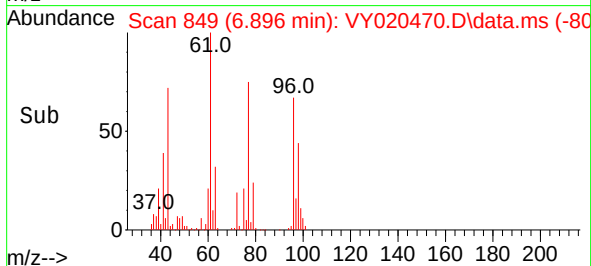
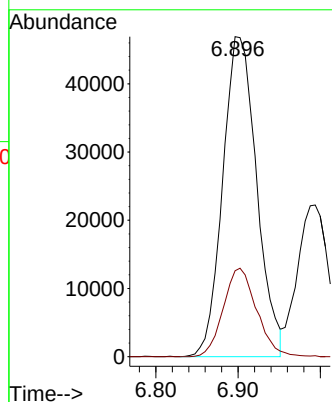
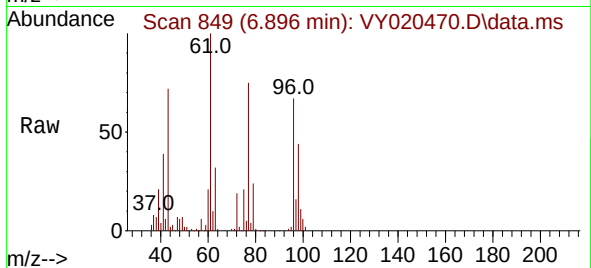




#25
2-Butanone
Concen: 221.431 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

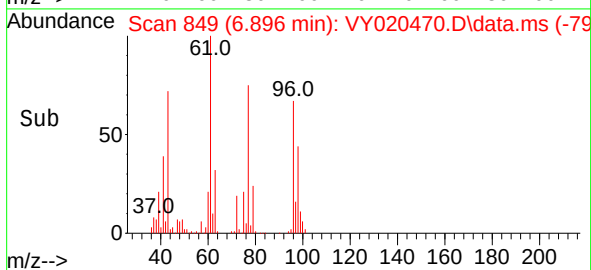
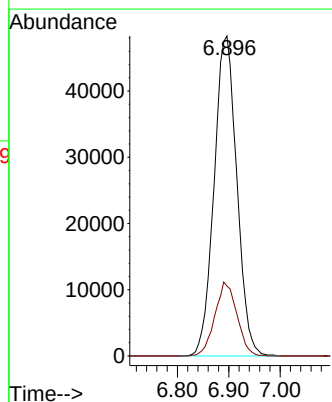
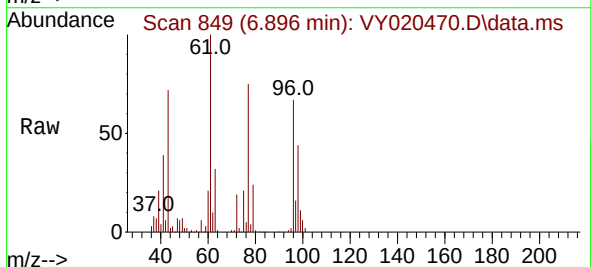
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

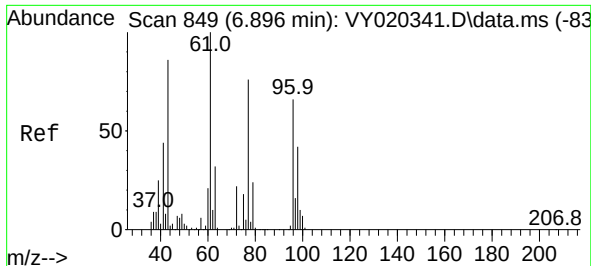
Tgt Ion: 43 Resp: 134667
Ion Ratio Lower Upper
43 100
72 26.8 20.4 30.6



#26
2,2-Dichloropropane
Concen: 44.642 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 77 Resp: 148525
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7

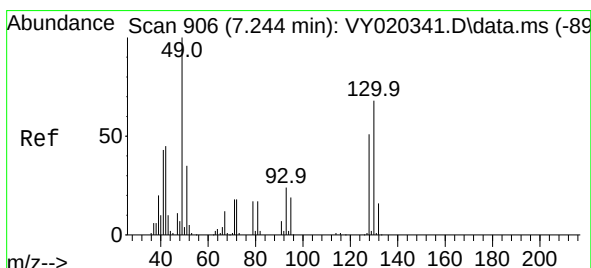
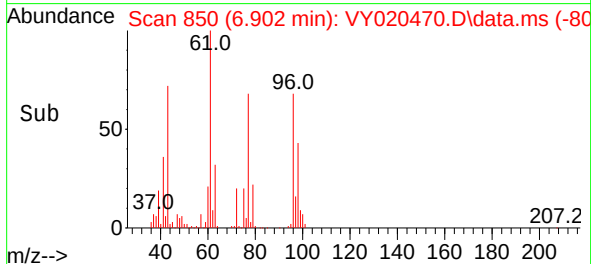
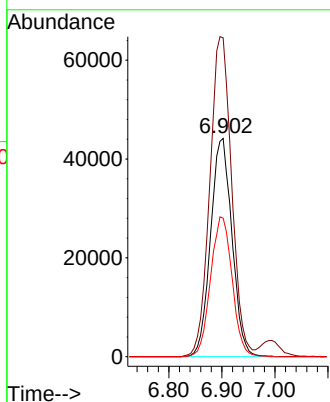
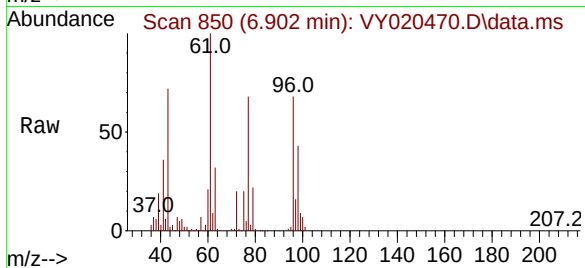




#27
cis-1,2-Dichloroethene
Concen: 54.225 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

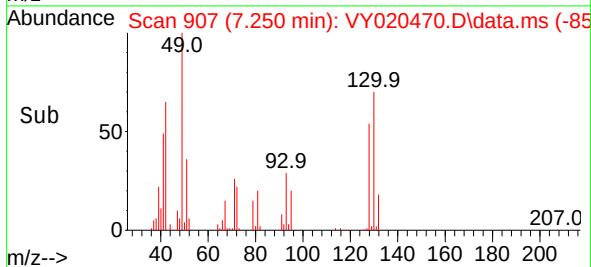
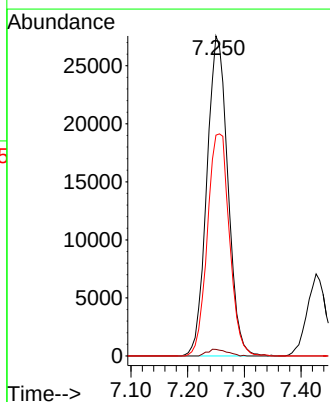
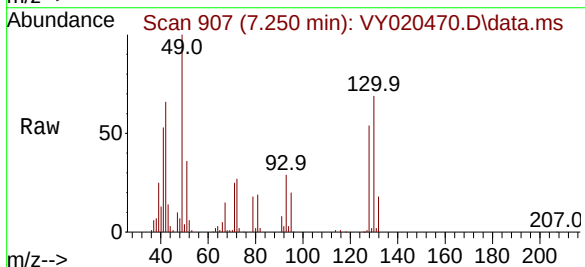
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

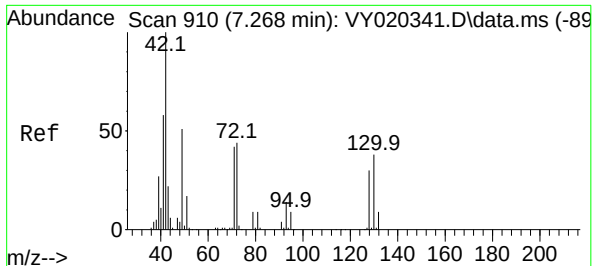
Tgt Ion: 96 Resp: 124117
Ion Ratio Lower Upper
96 100
61 149.3 0.0 312.4
98 64.3 0.0 126.8



#28
Bromochloromethane
Concen: 41.888 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 49 Resp: 70964
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 72.8 55.0 82.6

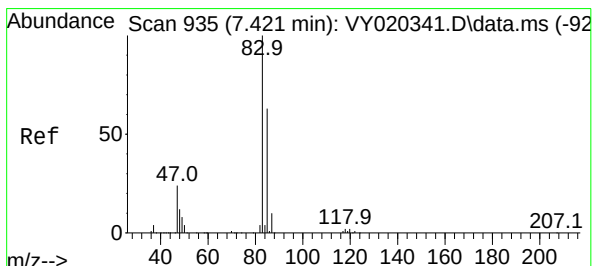
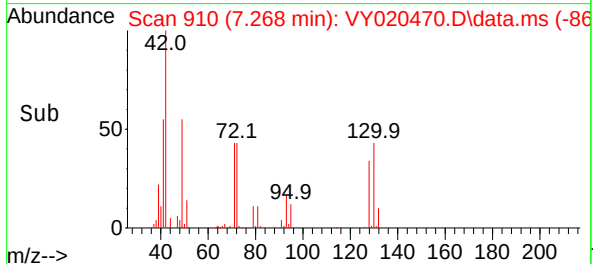
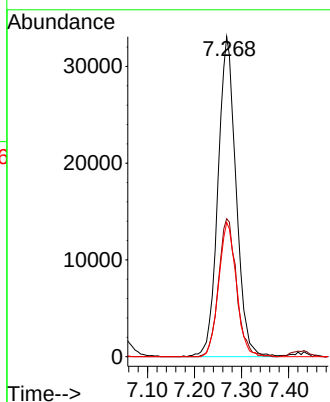
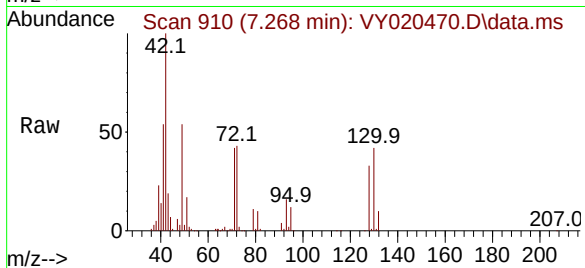




#29
Tetrahydrofuran
Concen: 243.550 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

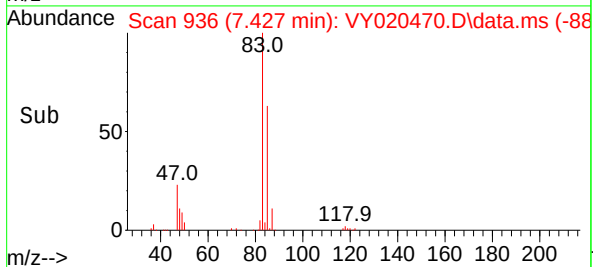
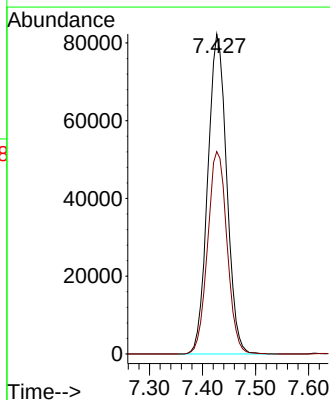
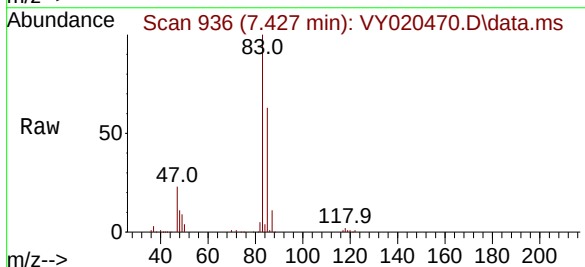
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

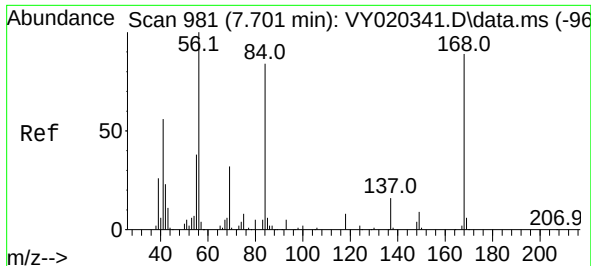
Tgt Ion: 42 Resp: 88527
Ion Ratio Lower Upper
42 100
72 42.8 33.4 50.0
71 40.9 31.9 47.9



#30
Chloroform
Concen: 52.464 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 83 Resp: 203928
Ion Ratio Lower Upper
83 100
85 63.3 50.3 75.5

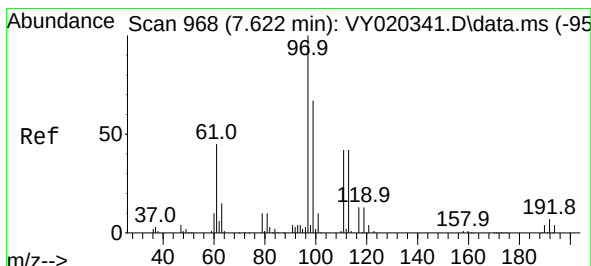
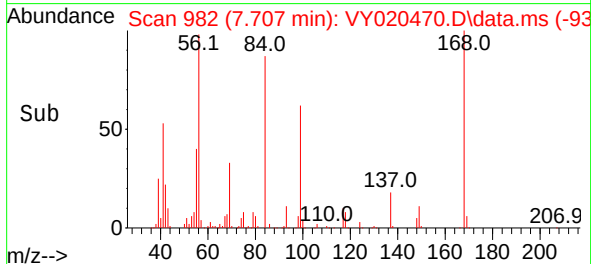
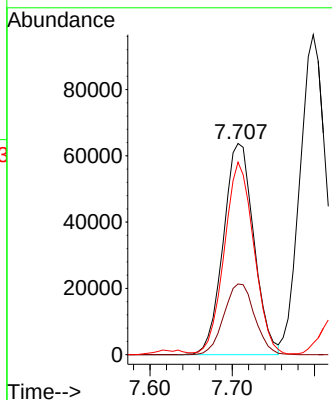
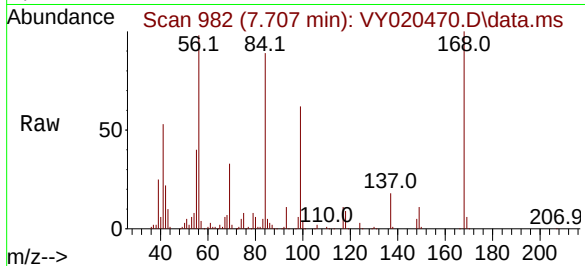




#31
Cyclohexane
Concen: 44.876 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

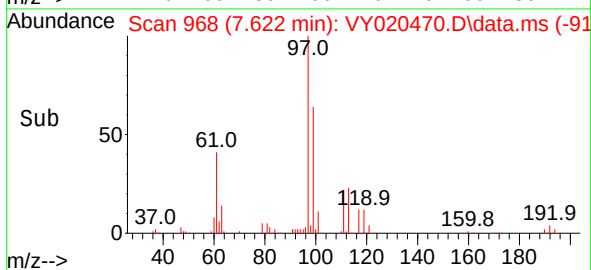
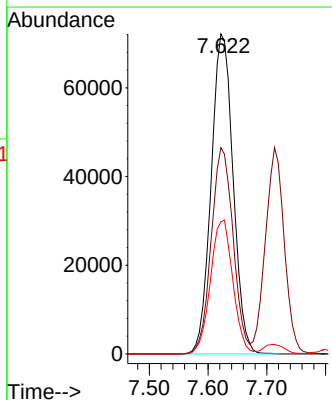
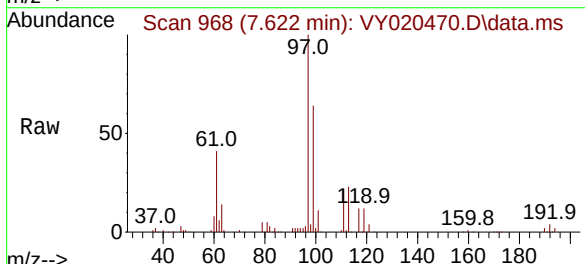
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

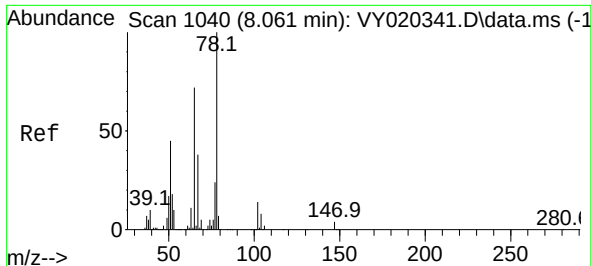
Tgt Ion: 56 Resp: 164848
Ion Ratio Lower Upper
56 100
69 33.4 25.3 37.9
84 88.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 54.776 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 97 Resp: 186953
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 42.7 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 43.743 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

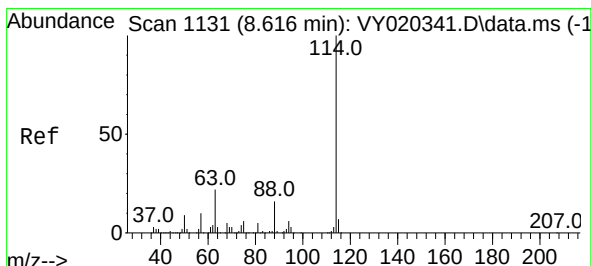
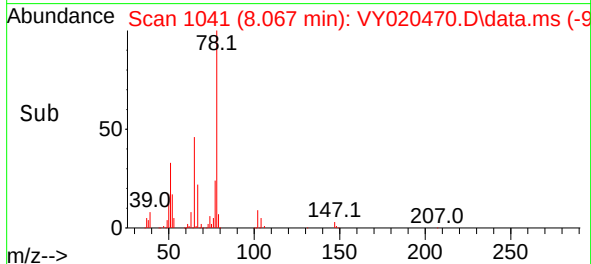
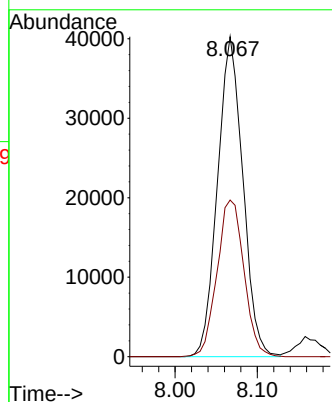
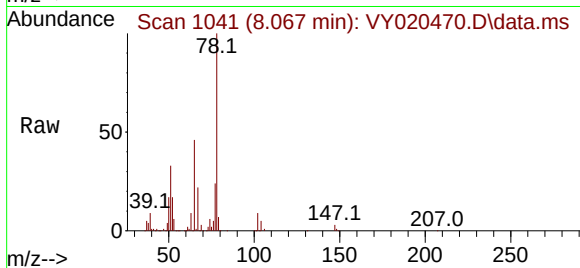
VSTDCCC050EC

Tgt Ion: 65 Resp: 86198

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

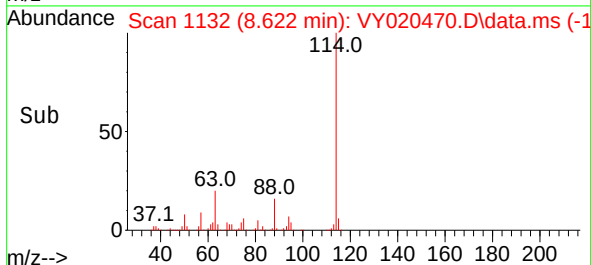
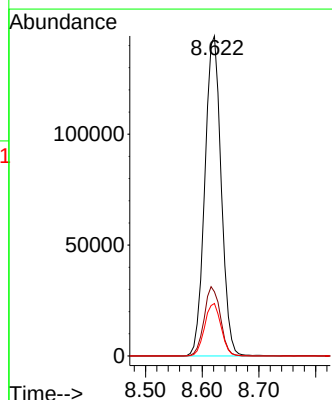
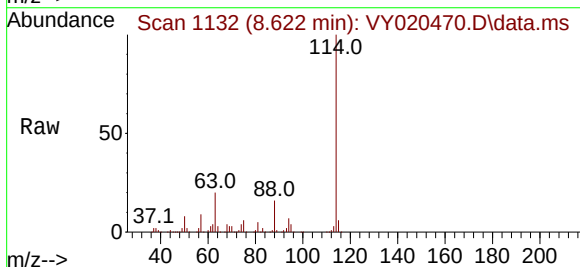
Tgt Ion: 114 Resp: 288727

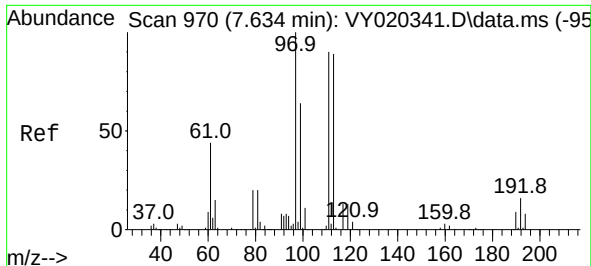
Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.8

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 43.945 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

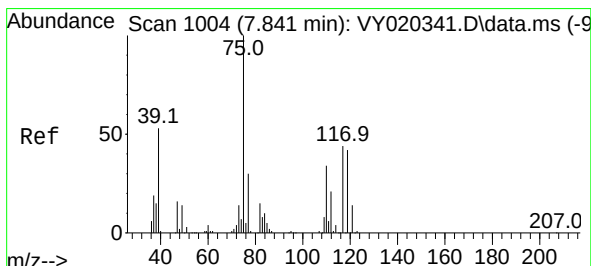
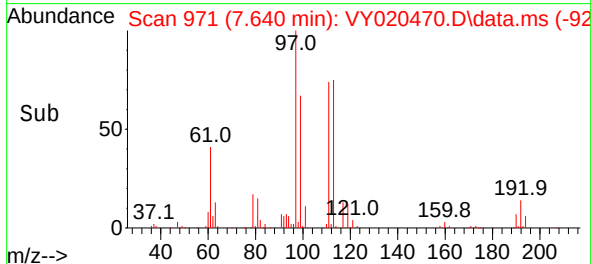
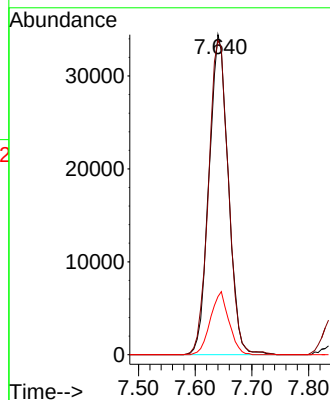
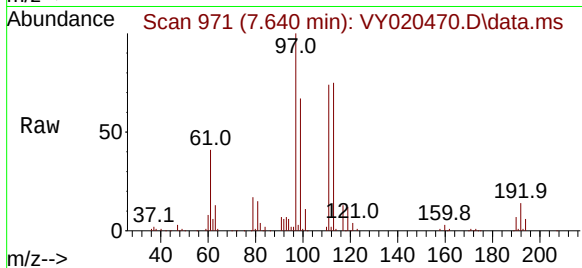
Tgt Ion:113 Resp: 81359

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 51.453 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

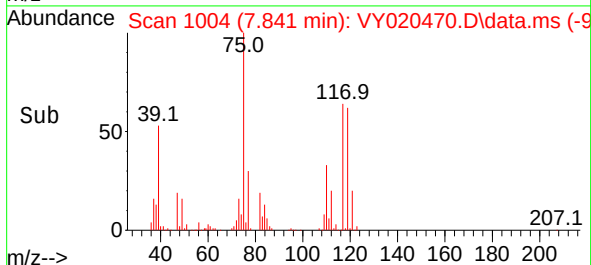
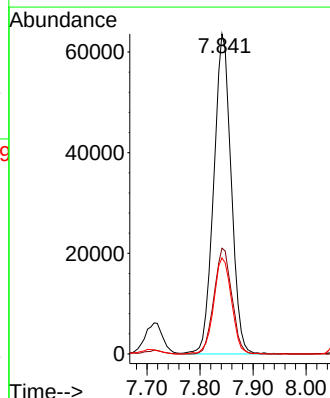
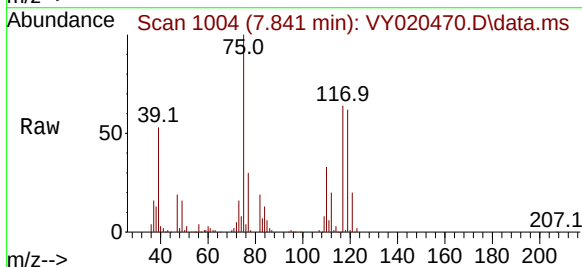
Tgt Ion: 75 Resp: 145497

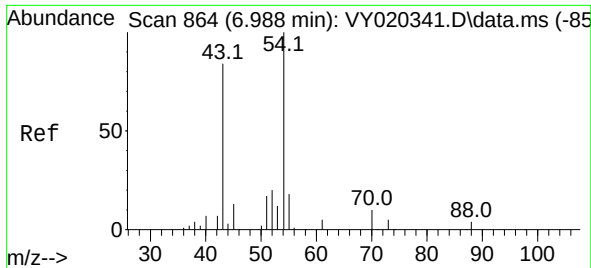
Ion Ratio Lower Upper

75 100

110 33.5 16.7 50.0

77 30.5 24.6 36.8

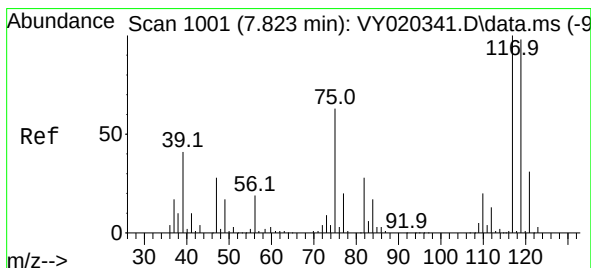
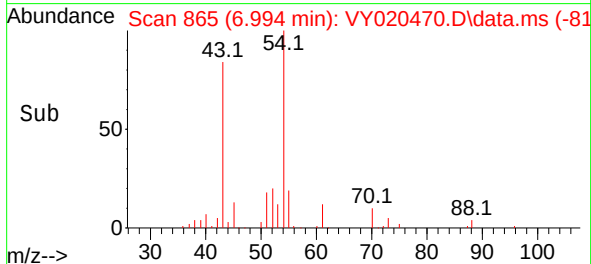
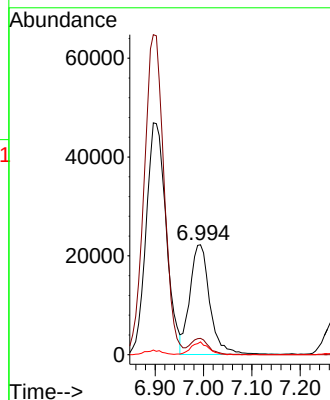
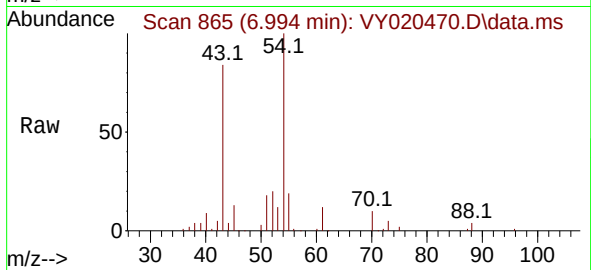




#37
Ethyl Acetate
Concen: 48.851 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

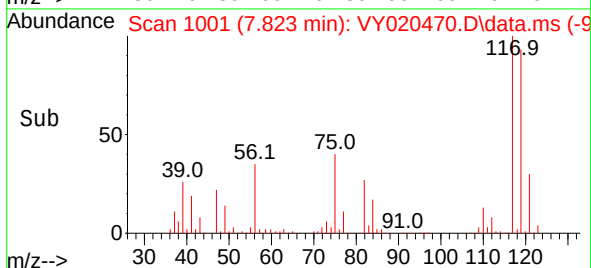
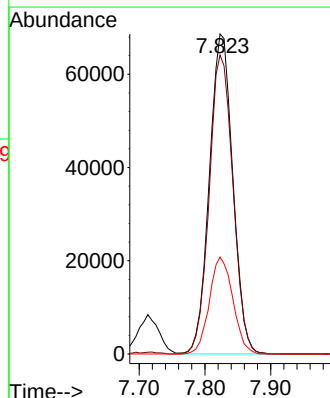
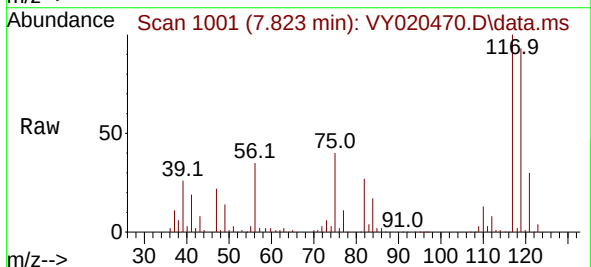
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

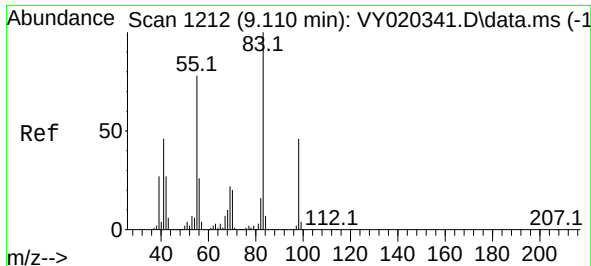
Tgt Ion: 43 Resp: 63281
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 57.702 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 117 Resp: 170362
Ion Ratio Lower Upper
117 100
119 93.4 77.8 116.6
121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 50.649 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

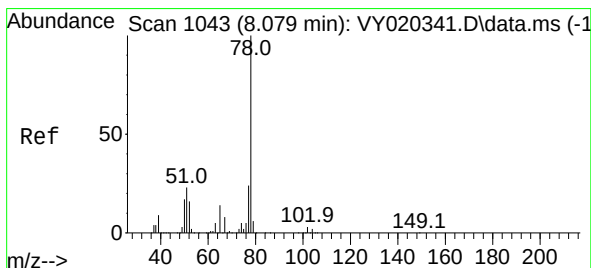
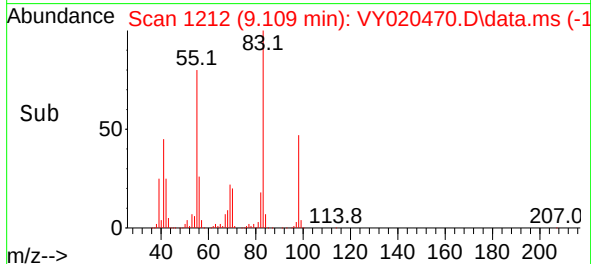
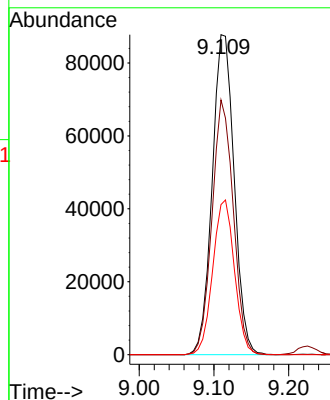
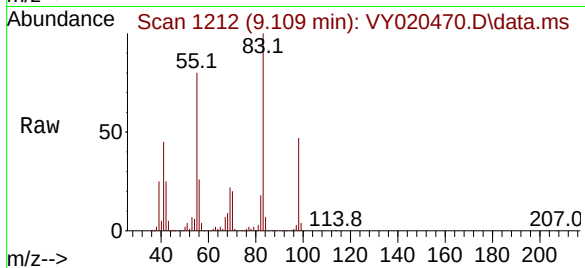
Tgt Ion: 83 Resp: 179247

Ion Ratio Lower Upper

83 100

55 79.6 62.6 93.8

98 46.9 37.0 55.4



#40

Benzene

Concen: 54.066 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020470.D

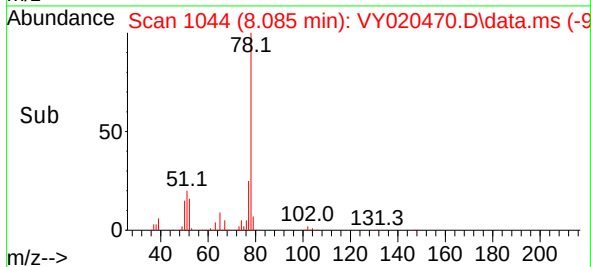
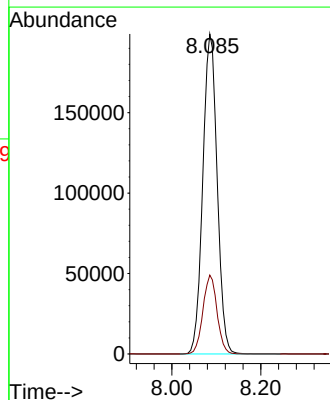
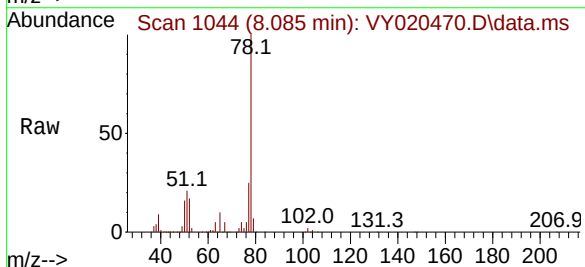
Acq: 27 Nov 2024 18:57

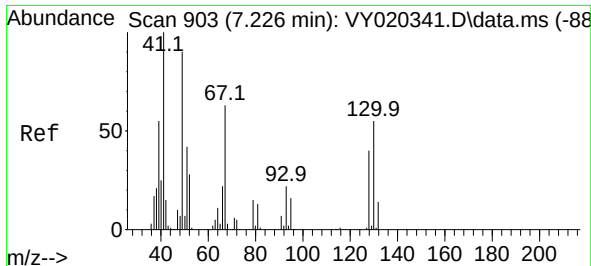
Tgt Ion: 78 Resp: 448043

Ion Ratio Lower Upper

78 100

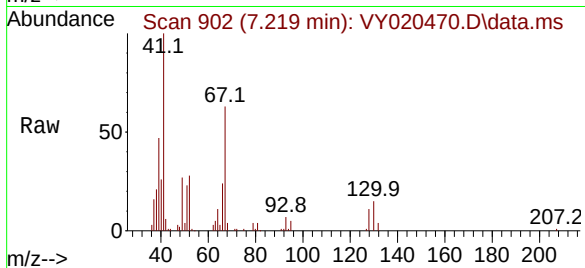
77 24.7 19.4 29.0





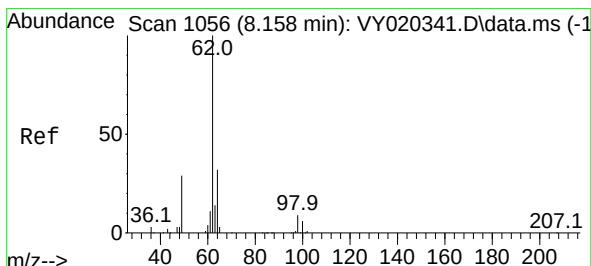
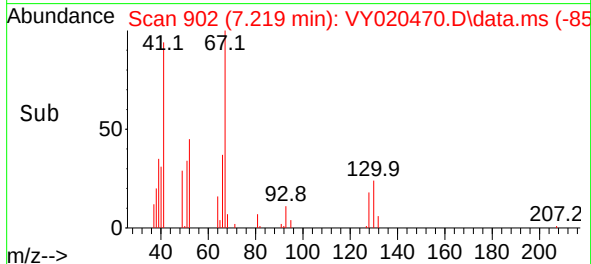
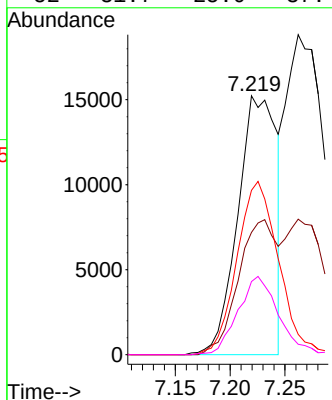
#41
Methacrylonitrile
Concen: 50.919 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 37530

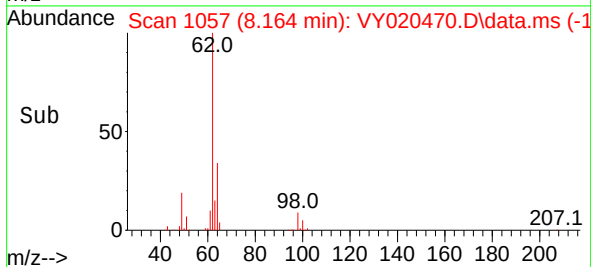
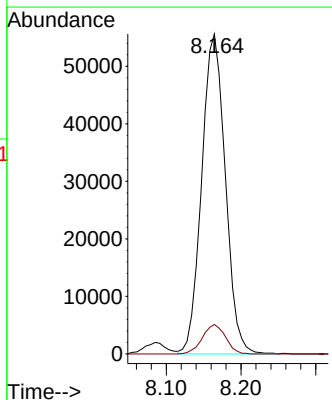
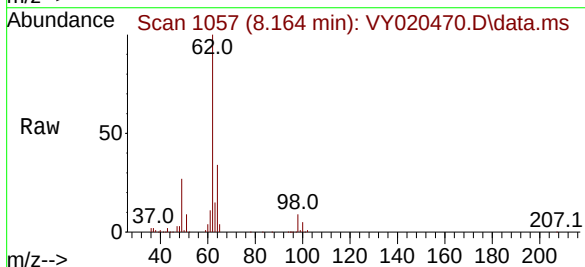
Ion	Ratio	Lower	Upper
41	100		
39	51.4	49.0	73.4
67	72.4	57.1	85.7
52	31.7	25.0	37.4

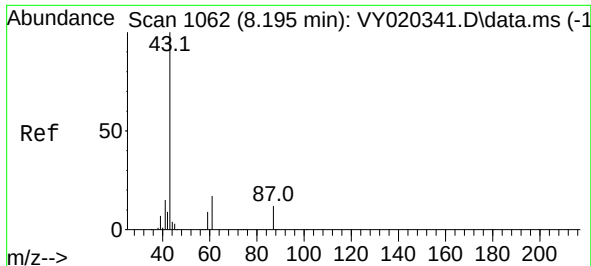


#42
1,2-Dichloroethane
Concen: 54.628 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 62 Resp: 122193

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43

Isopropyl Acetate

Concen: 50.497 ug/l

RT: 8.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

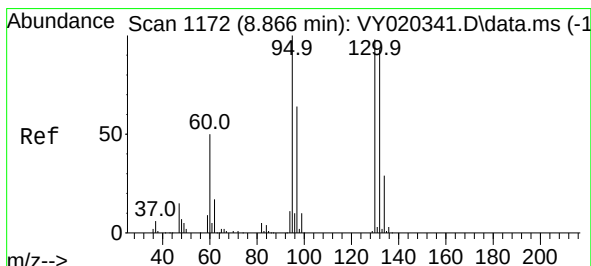
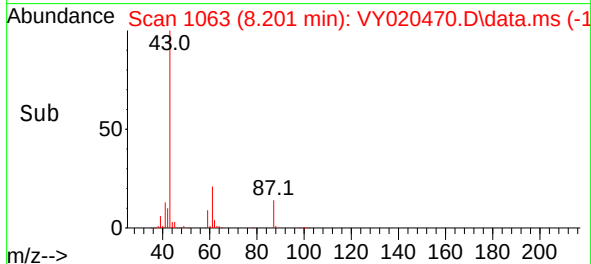
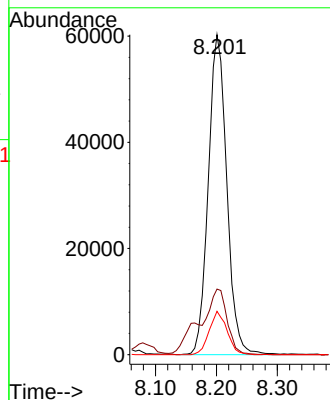
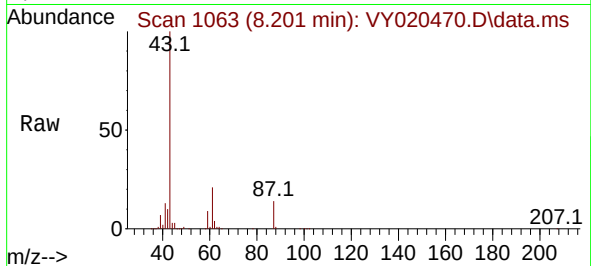
Tgt Ion: 43 Resp: 127209

Ion Ratio Lower Upper

43 100

61 20.6 22.8 34.2#

87 13.1 9.6 14.4



#44

Trichloroethene

Concen: 55.489 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY020470.D

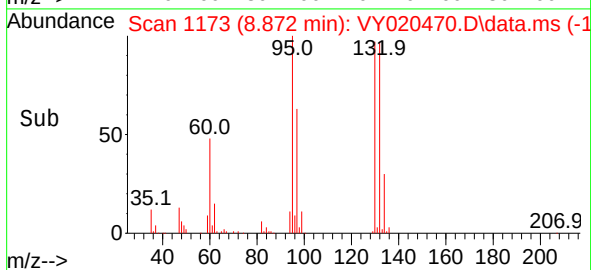
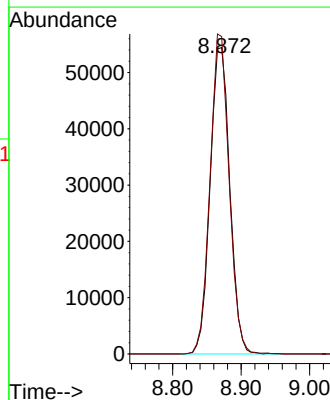
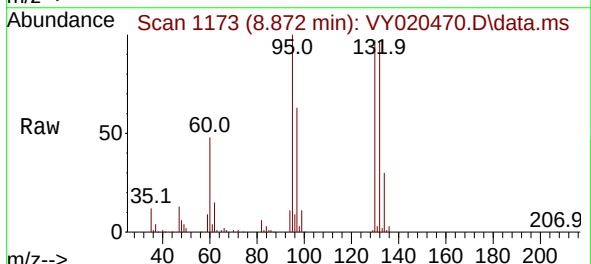
Acq: 27 Nov 2024 18:57

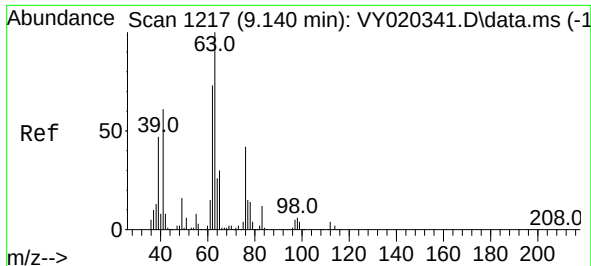
Tgt Ion:130 Resp: 108948

Ion Ratio Lower Upper

130 100

95 103.6 0.0 204.8

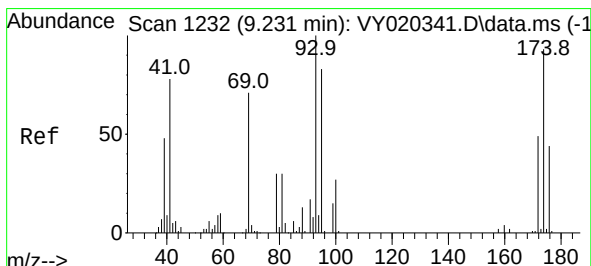
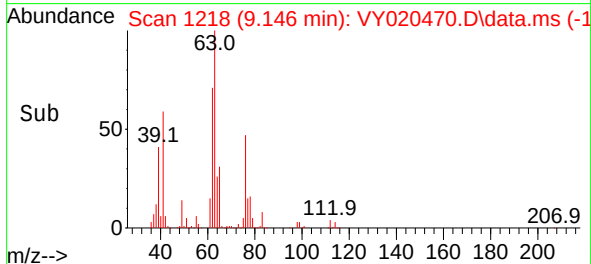
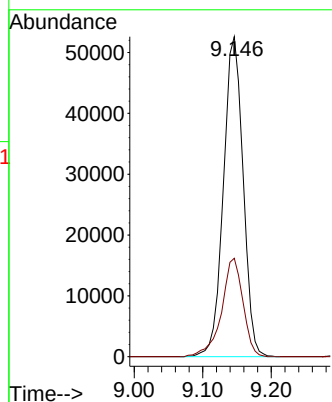
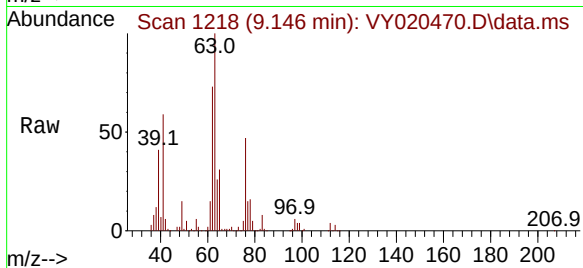




#45
1,2-Dichloropropane
Concen: 53.025 ug/l
RT: 9.146 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

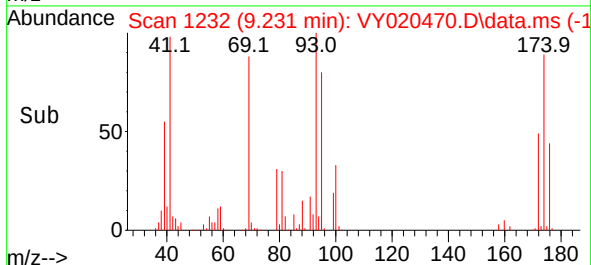
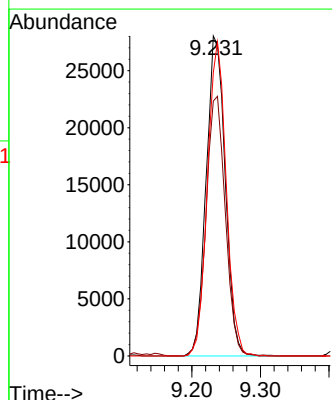
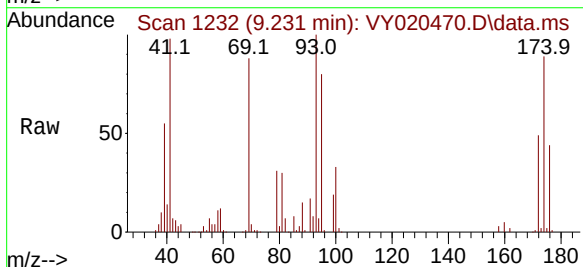
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

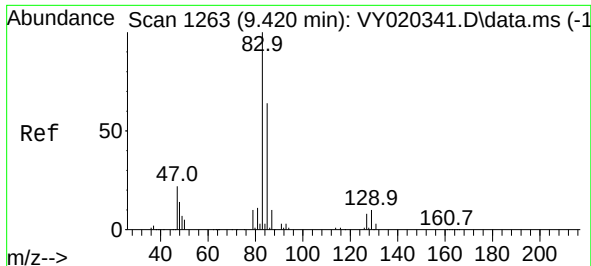
Tgt Ion: 63 Resp: 104838
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4



#46
Dibromomethane
Concen: 53.621 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 93 Resp: 54338
Ion Ratio Lower Upper
93 100
95 81.9 65.3 97.9
174 96.6 74.4 111.6

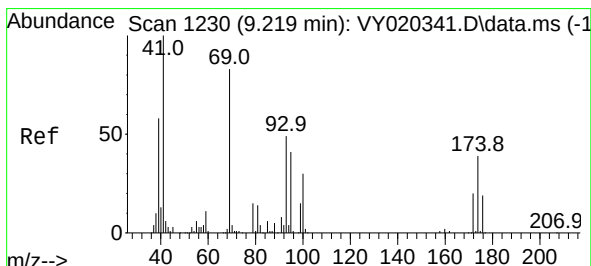
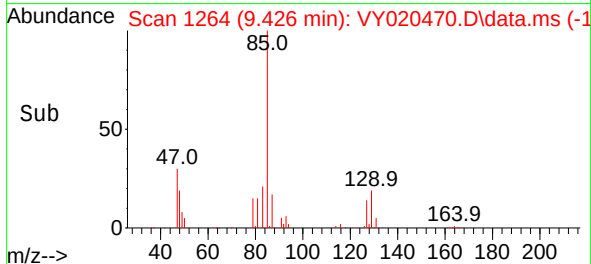
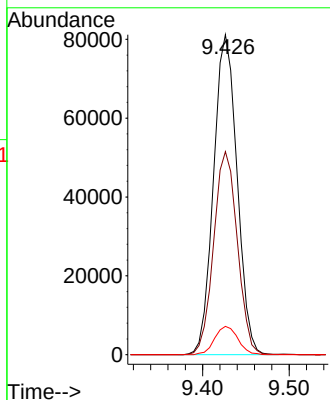
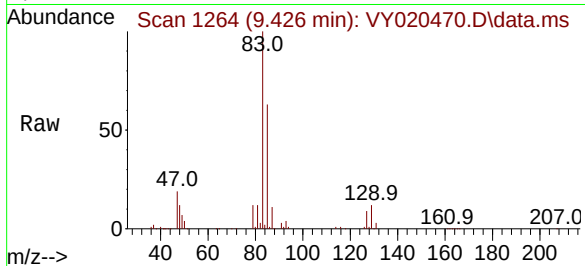




#47
Bromodichloromethane
Concen: 54.696 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

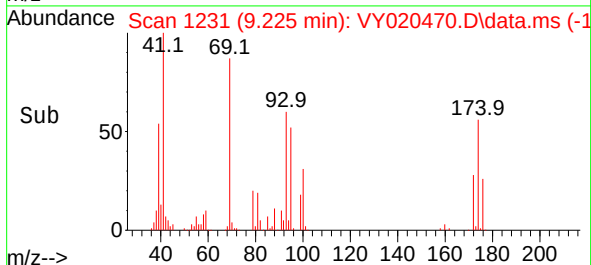
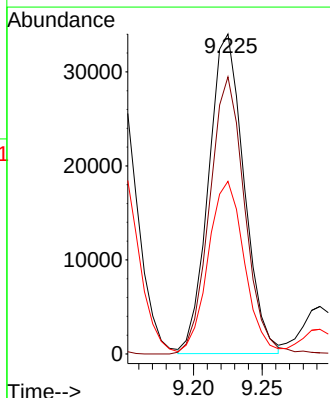
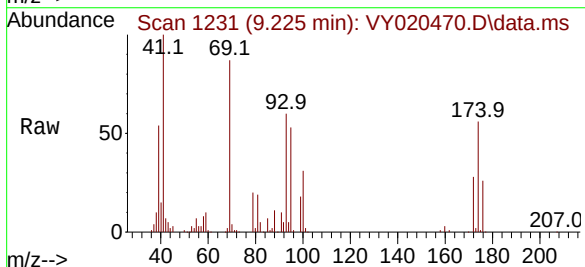
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

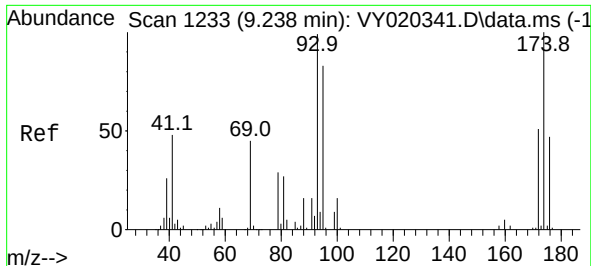
Tgt Ion: 83 Resp: 153010
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 50.728 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 41 Resp: 61097
Ion Ratio Lower Upper
41 100
69 86.2 66.1 99.1
39 53.5 46.0 69.0





#49

1,4-Dioxane

Concen: 1067.941 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

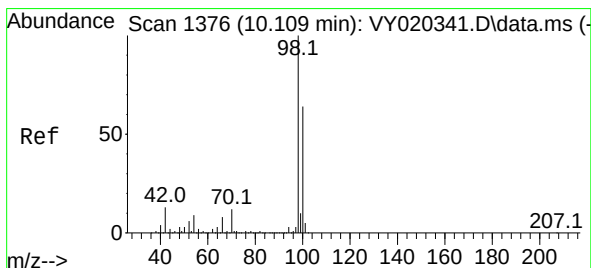
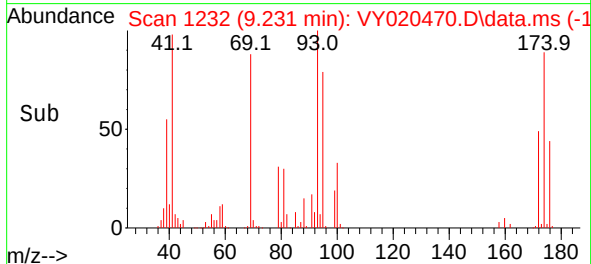
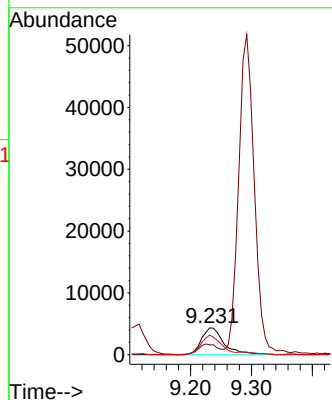
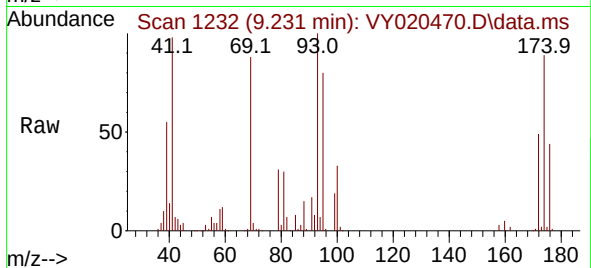
Tgt Ion: 88 Resp: 11134

Ion Ratio Lower Upper

88 100

43 36.3 24.6 37.0

58 64.5 59.6 89.4



#50

Toluene-d8

Concen: 43.105 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020470.D

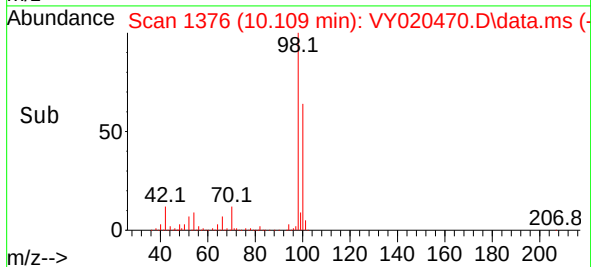
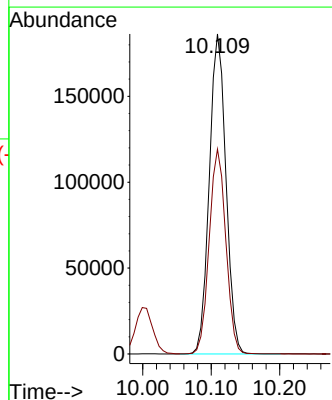
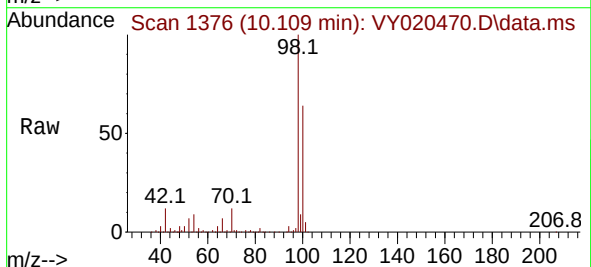
Acq: 27 Nov 2024 18:57

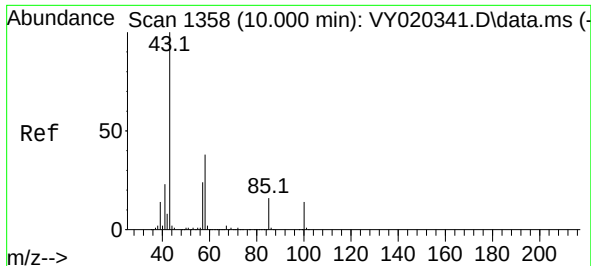
Tgt Ion: 98 Resp: 314368

Ion Ratio Lower Upper

98 100

100 63.8 51.3 76.9

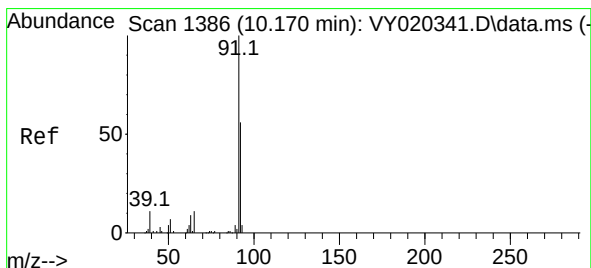
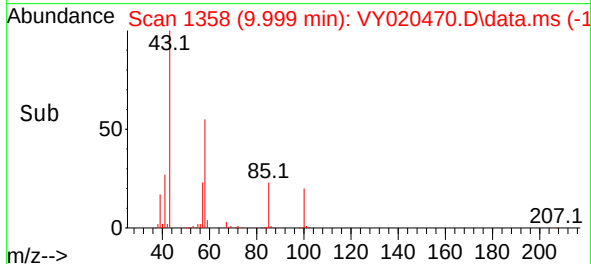
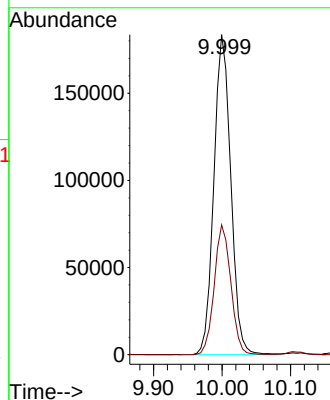
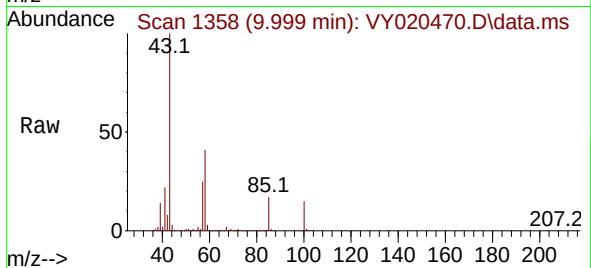




#51
4-Methyl-2-Pentanone
Concen: 246.081 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

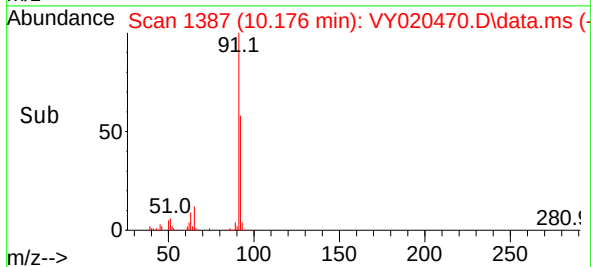
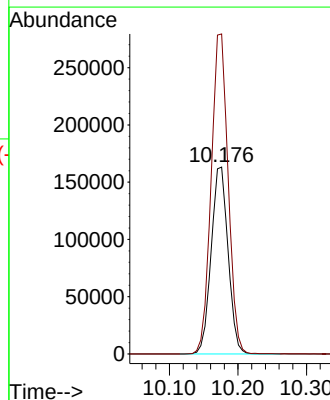
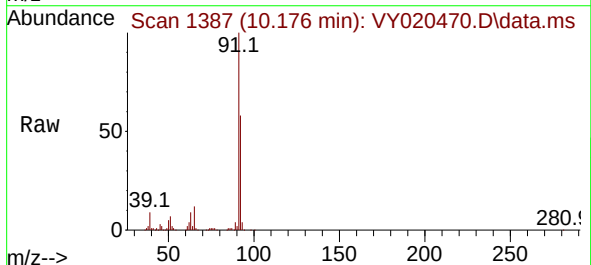
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

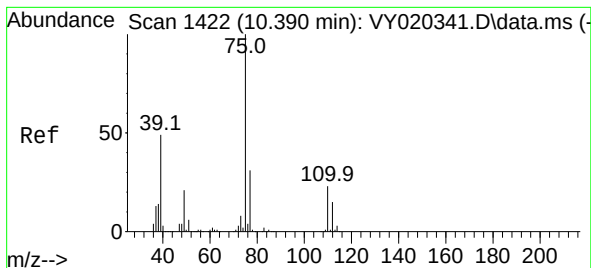
Tgt Ion: 43 Resp: 314594
Ion Ratio Lower Upper
43 100
58 39.8 30.9 46.3



#52
Toluene
Concen: 55.193 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 92 Resp: 279558
Ion Ratio Lower Upper
92 100
91 172.0 139.7 209.5

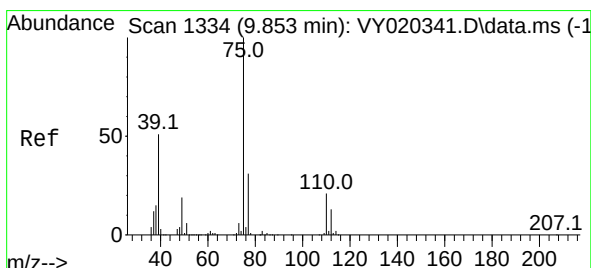
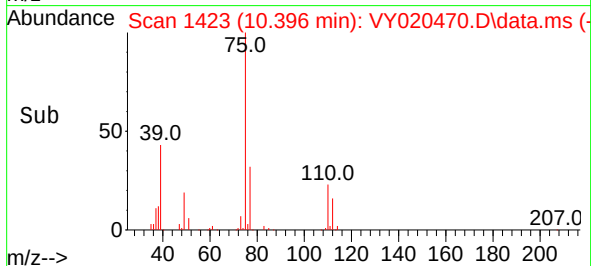
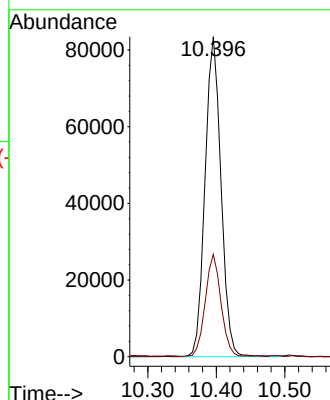
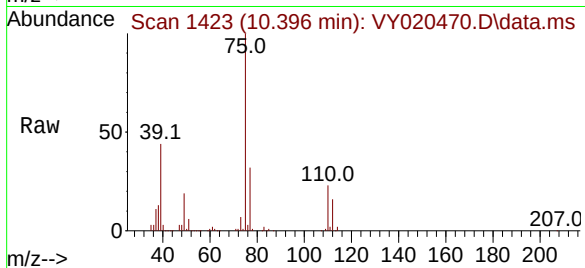




#53
t-1,3-Dichloropropene
Concen: 51.131 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

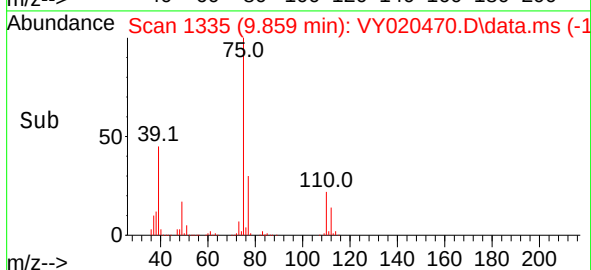
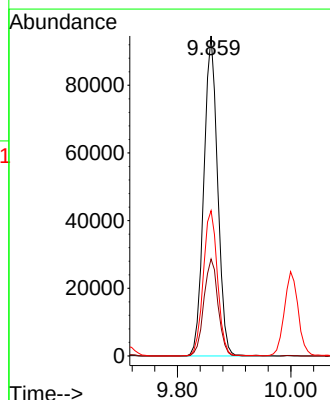
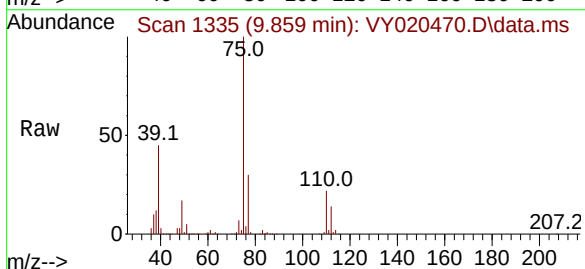
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

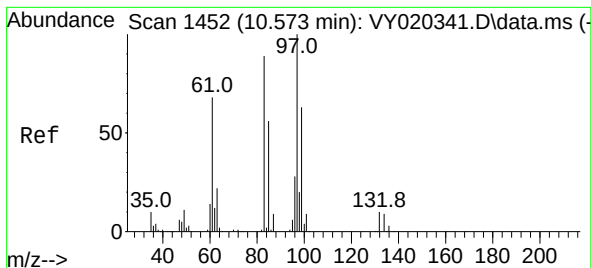
Tgt Ion: 75 Resp: 135261
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.827 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 75 Resp: 159974
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4
39 45.4 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 52.528 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 70658

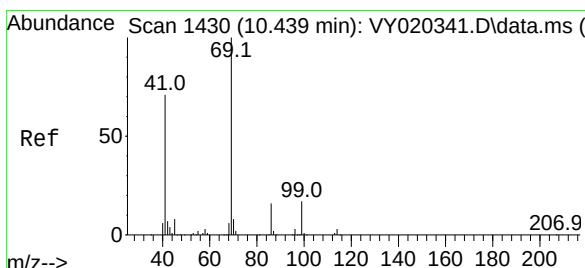
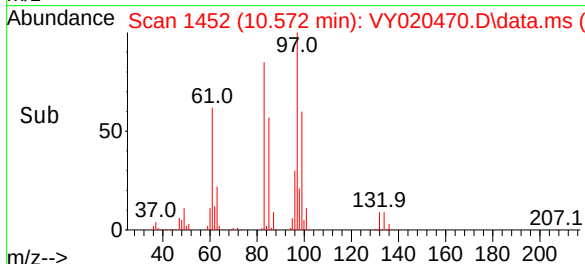
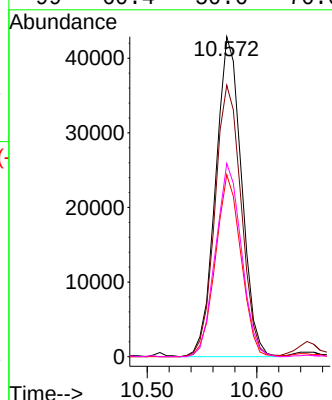
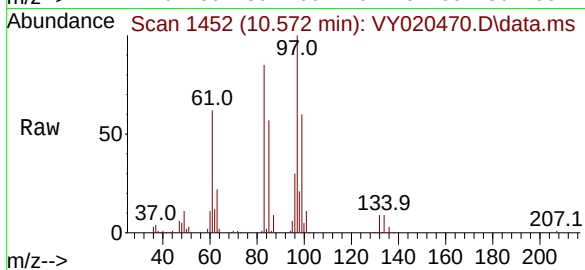
Ion Ratio Lower Upper

97 100

83 84.8 70.8 106.2

85 56.8 44.9 67.3

99 60.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 51.205 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

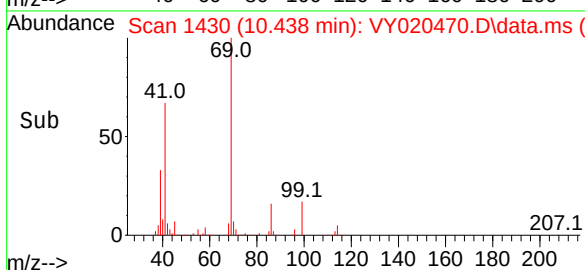
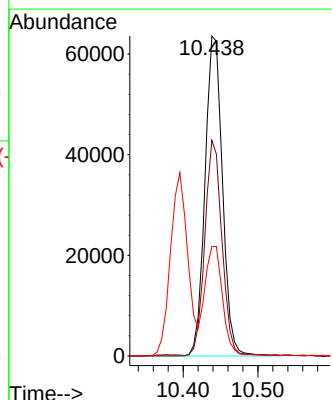
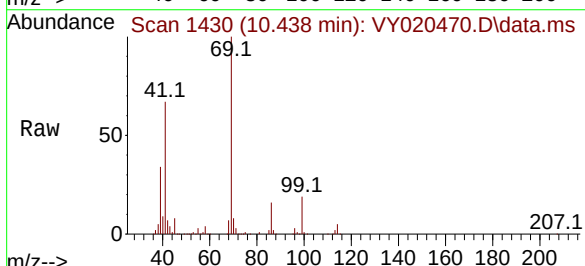
Tgt Ion: 69 Resp: 103441

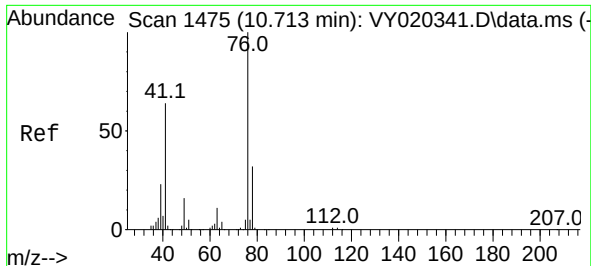
Ion Ratio Lower Upper

69 100

41 65.5 56.1 84.1

39 34.6 29.7 44.5





#57

1,3-Dichloropropane

Concen: 52.767 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

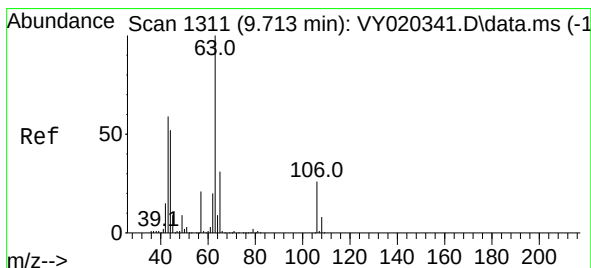
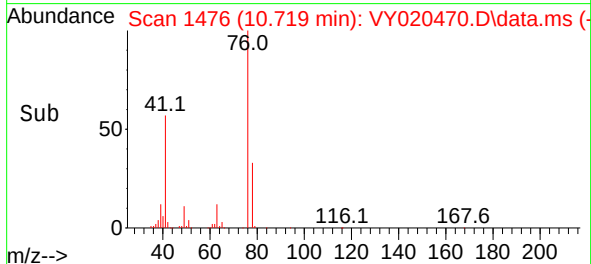
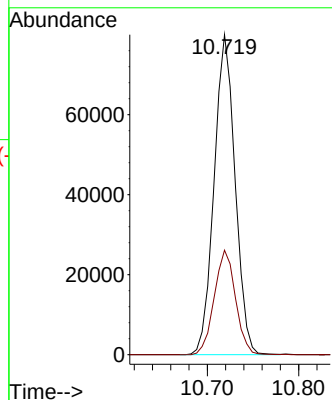
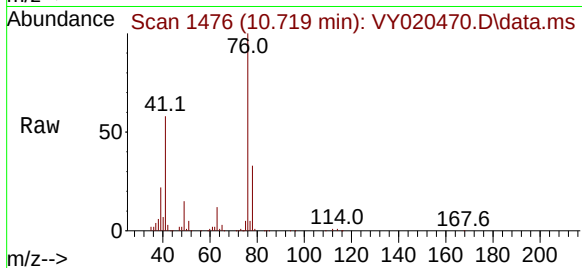
VSTDCCC050EC

Tgt Ion: 76 Resp: 127562

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 240.870 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY020470.D

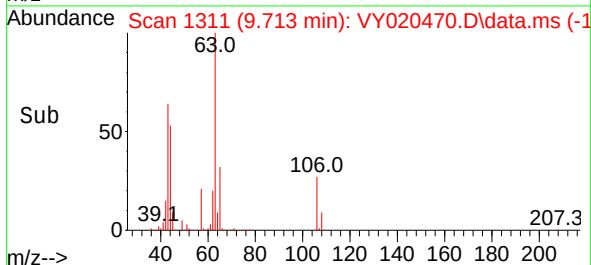
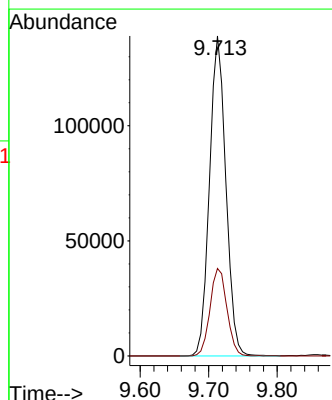
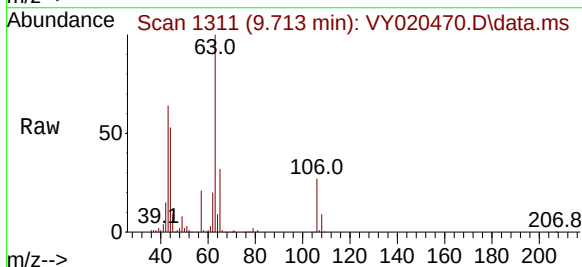
Acq: 27 Nov 2024 18:57

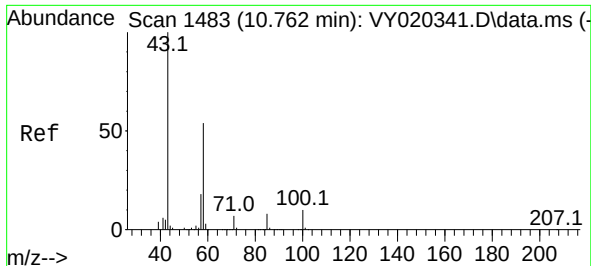
Tgt Ion: 63 Resp: 230726

Ion Ratio Lower Upper

63 100

106 28.1 21.0 31.4





#59

2-Hexanone

Concen: 230.472 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

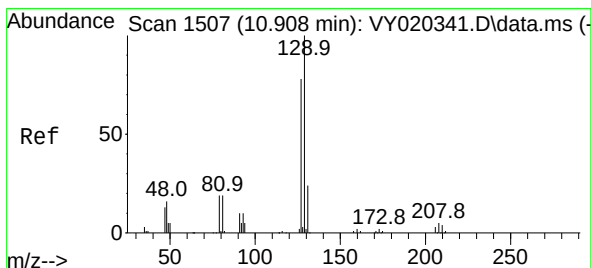
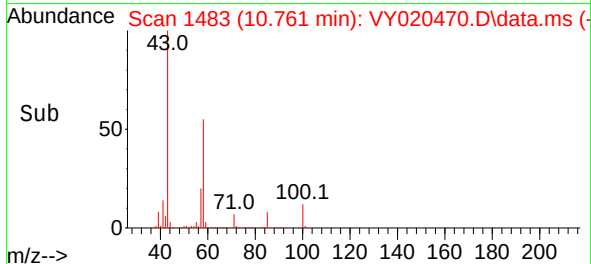
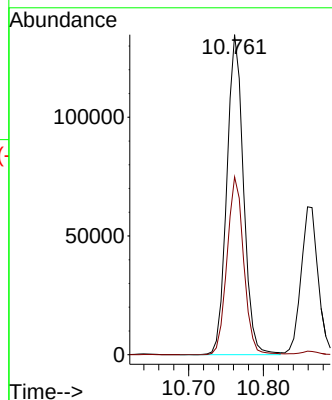
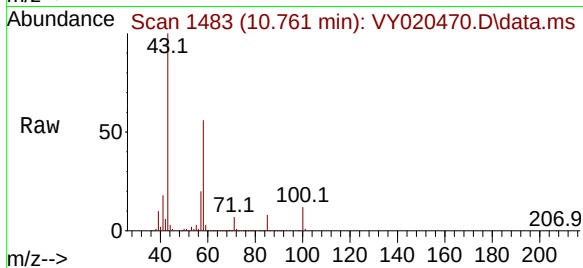
VSTDCCC050EC

Tgt Ion: 43 Resp: 208635

Ion Ratio Lower Upper

43 100

58 55.6 26.4 79.2



#60

Dibromochloromethane

Concen: 55.758 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY020470.D

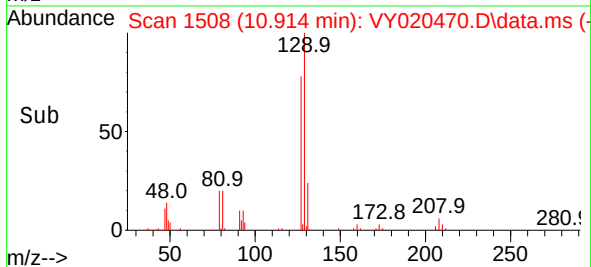
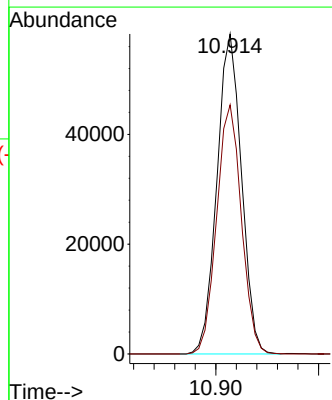
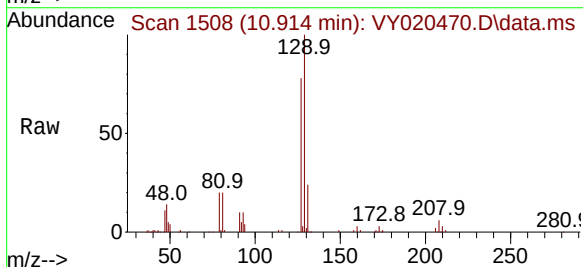
Acq: 27 Nov 2024 18:57

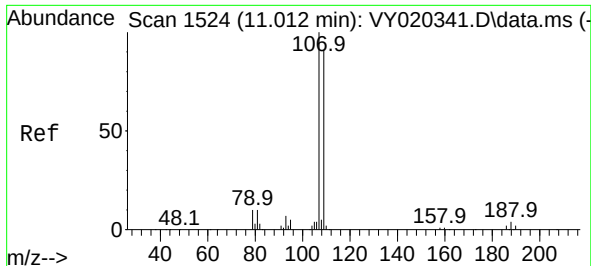
Tgt Ion:129 Resp: 96675

Ion Ratio Lower Upper

129 100

127 78.3 38.3 114.9

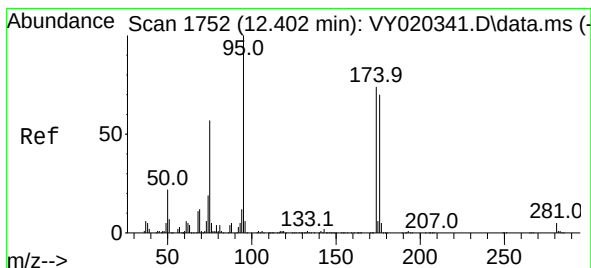
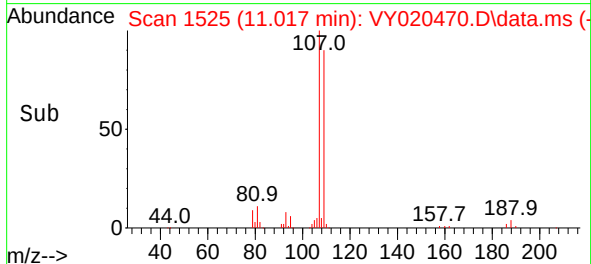
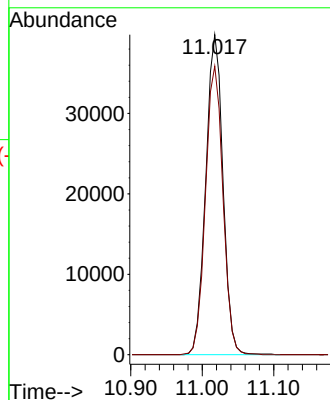
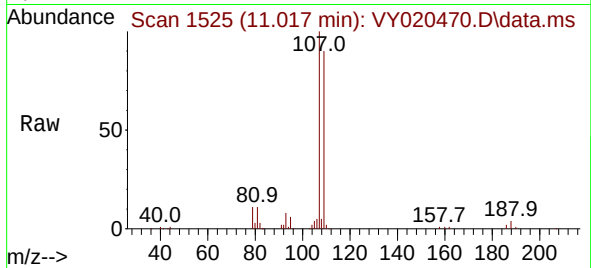




#61
1,2-Dibromoethane
Concen: 53.390 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

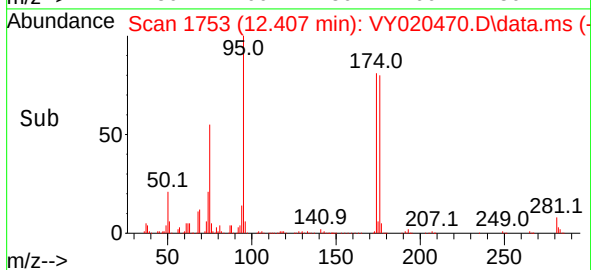
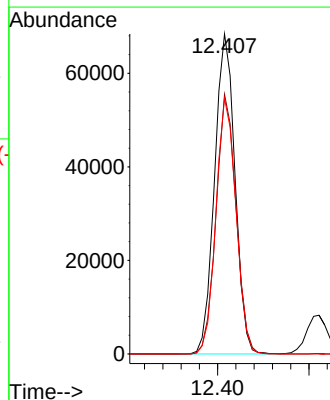
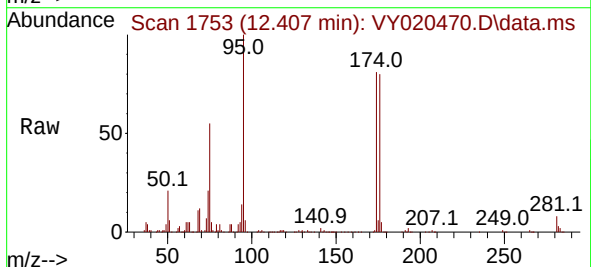
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

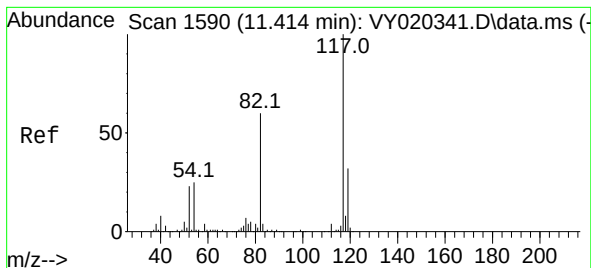
Tgt Ion:107 Resp: 66550
Ion Ratio Lower Upper
107 100
109 91.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 45.253 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 95 Resp: 106095
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.8
176 78.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

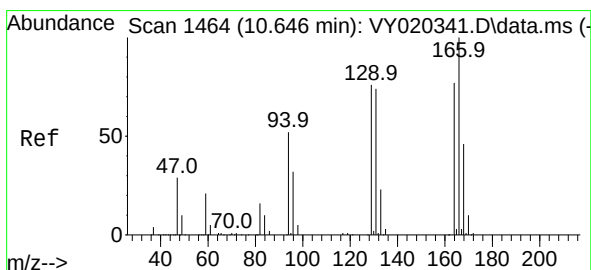
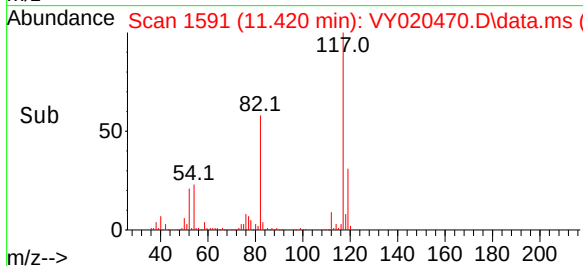
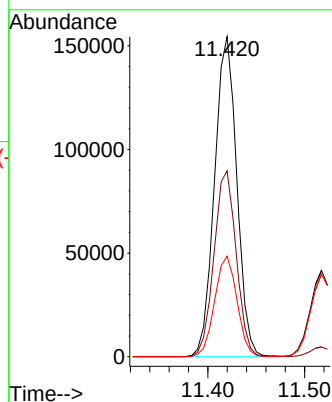
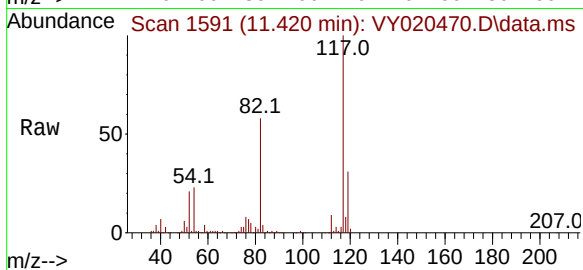
Tgt Ion:117 Resp: 246710

Ion Ratio Lower Upper

117 100

82 58.1 48.2 72.4

119 31.4 25.8 38.8



#64

Tetrachloroethene

Concen: 60.259 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Tgt Ion:164 Resp: 107165

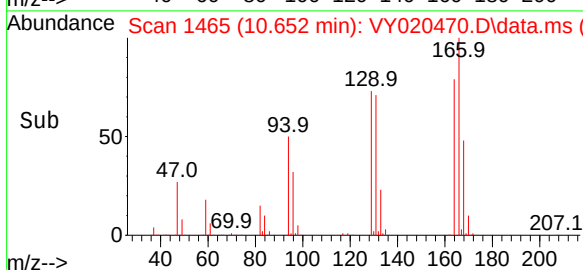
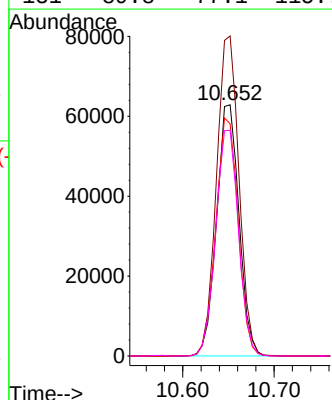
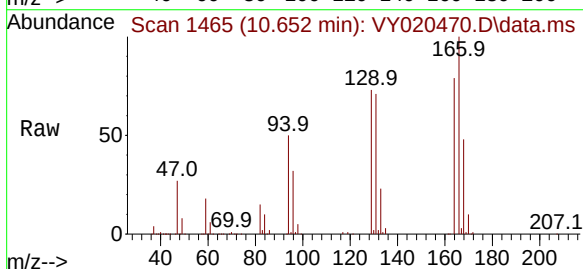
Ion Ratio Lower Upper

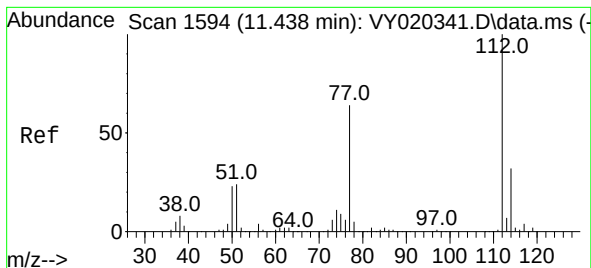
164 100

166 127.4 103.8 155.8

129 92.4 79.0 118.4

131 89.8 77.1 115.7

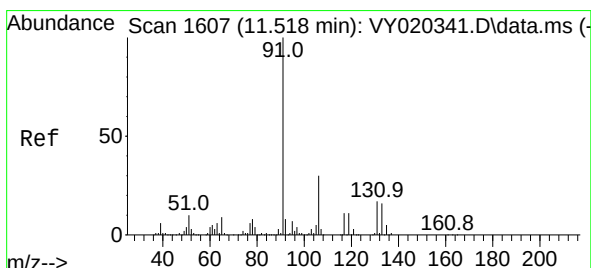
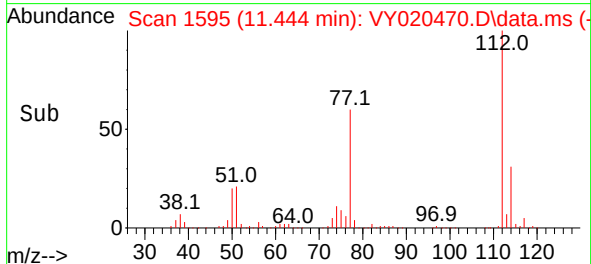
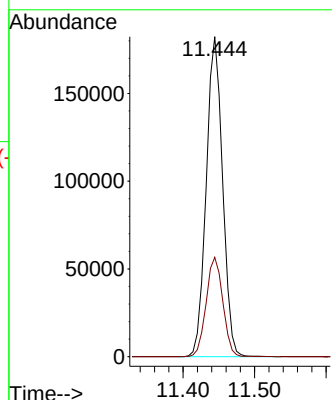
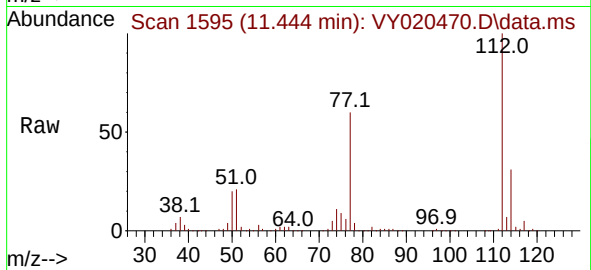




#65
Chlorobenzene
Concen: 52.589 ug/l
RT: 11.444 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

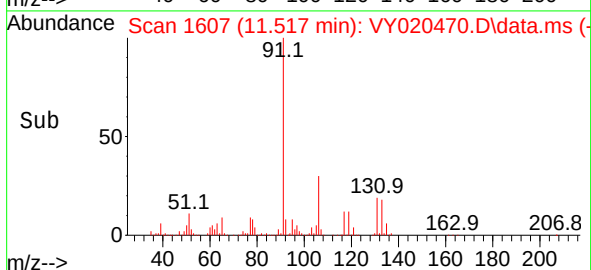
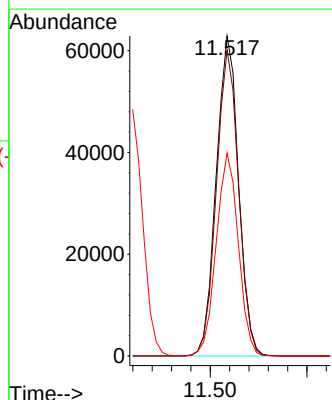
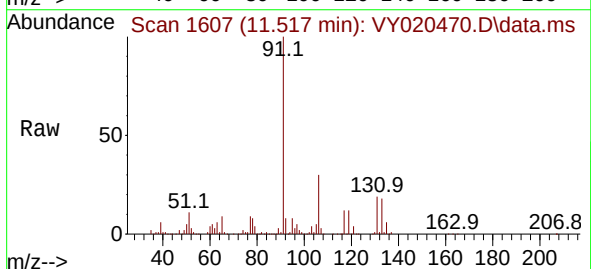
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

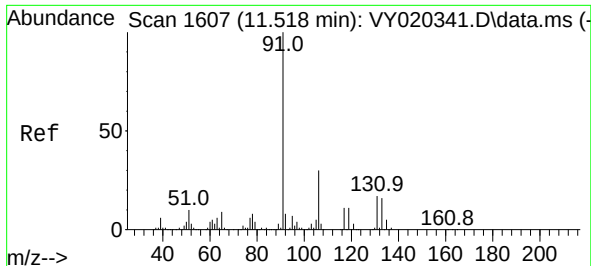
Tgt Ion:112 Resp: 289278
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.786 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion:131 Resp: 100674
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 62.8 32.5 97.5





#67

Ethyl Benzene

Concen: 52.444 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

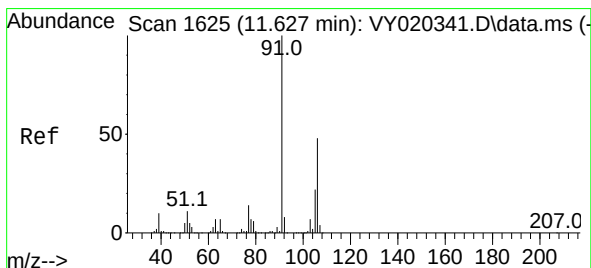
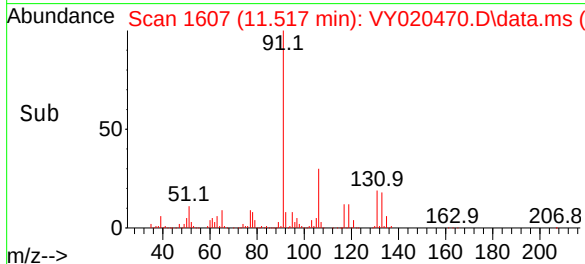
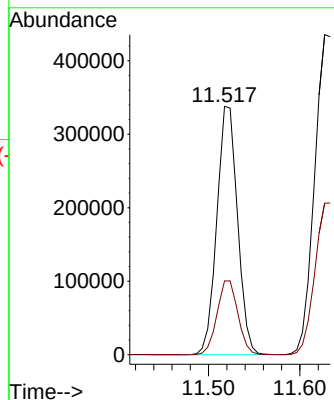
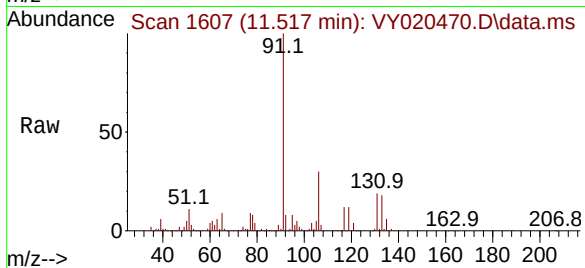
VSTDCCC050EC

Tgt Ion: 91 Resp: 532208

Ion Ratio Lower Upper

91 100

106 29.7 23.9 35.9



#68

m/p-Xylenes

Concen: 106.336 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020470.D

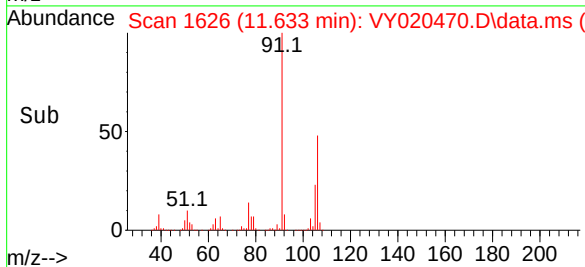
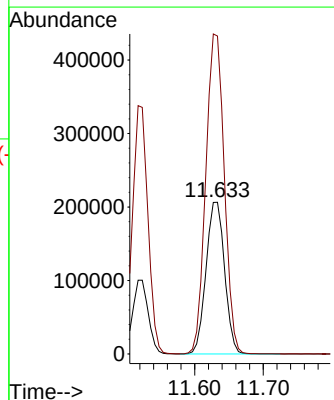
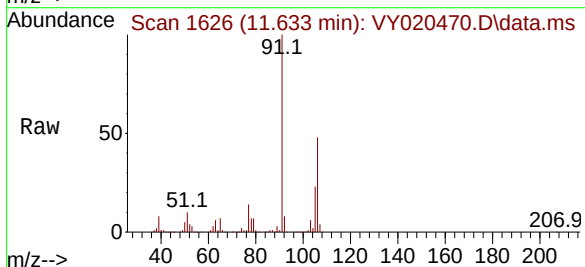
Acq: 27 Nov 2024 18:57

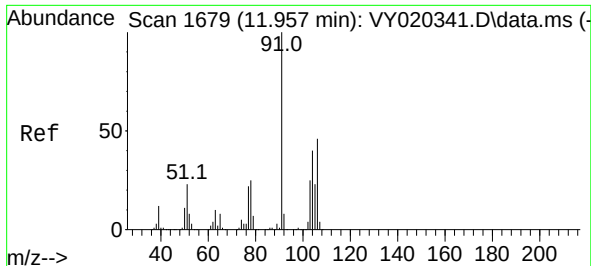
Tgt Ion:106 Resp: 388698

Ion Ratio Lower Upper

106 100

91 210.5 166.0 249.0





#69

o-Xylene

Concen: 53.925 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

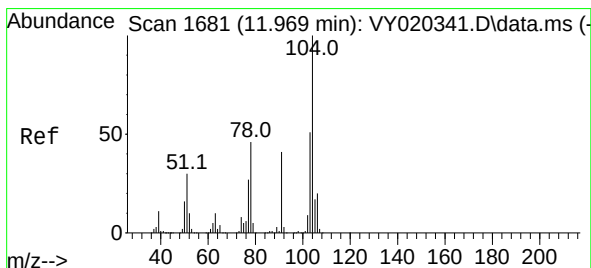
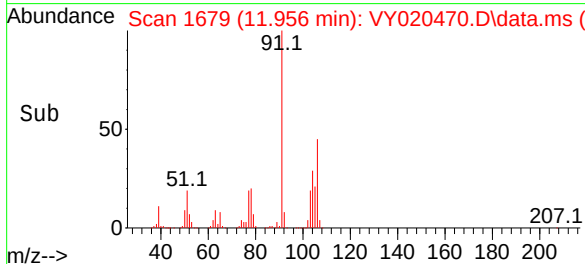
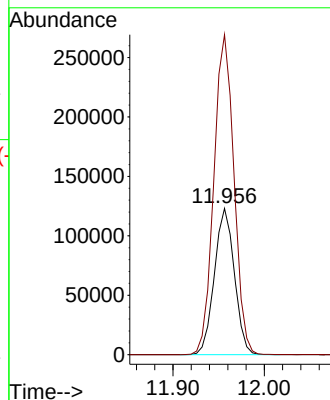
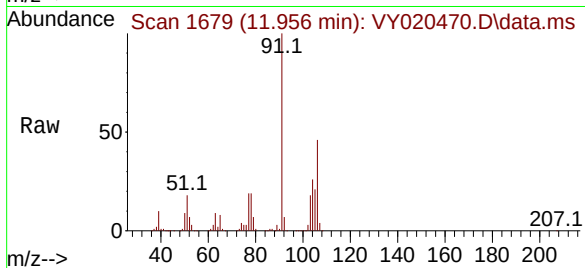
VSTDCCC050EC

Tgt Ion:106 Resp: 186960

Ion Ratio Lower Upper

106 100

91 220.6 110.0 330.0



#70

Styrene

Concen: 54.338 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

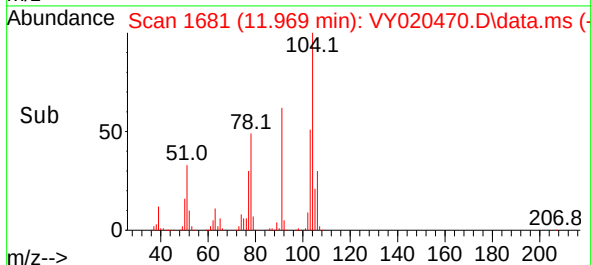
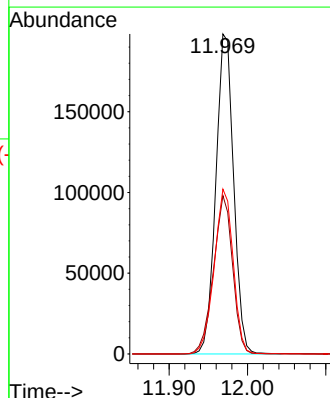
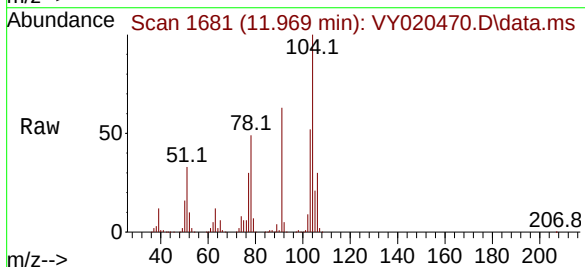
Tgt Ion:104 Resp: 313008

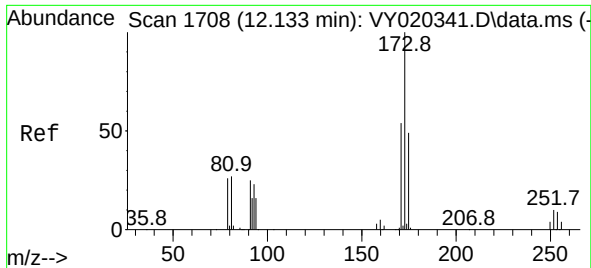
Ion Ratio Lower Upper

104 100

78 53.2 41.4 62.2

103 55.1 44.2 66.4

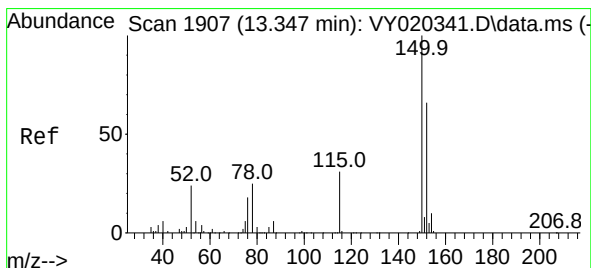
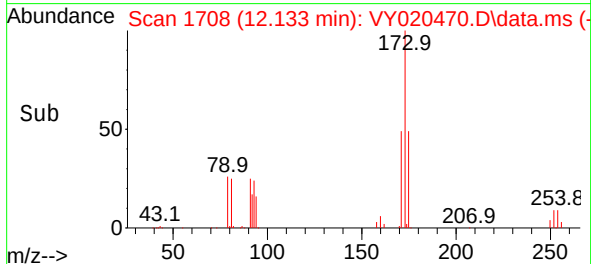
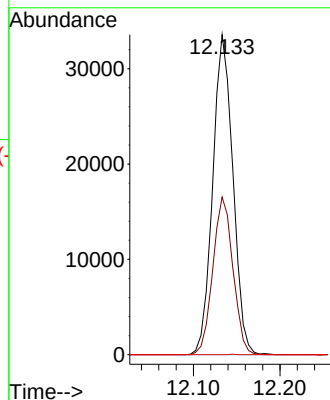
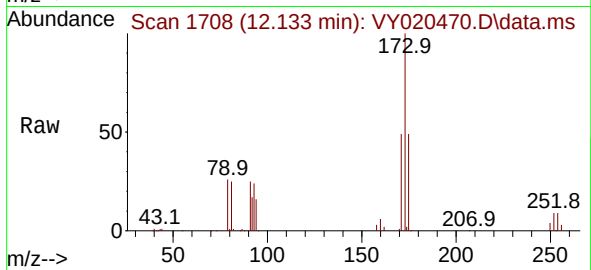




#71
Bromoform
Concen: 56.707 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

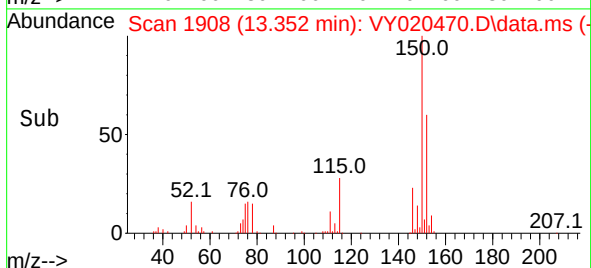
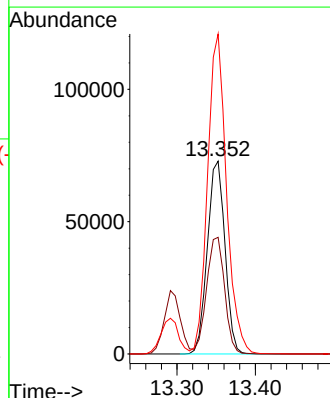
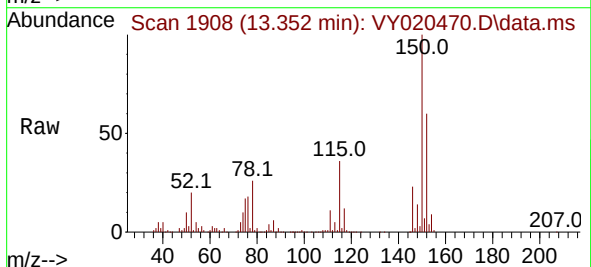
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

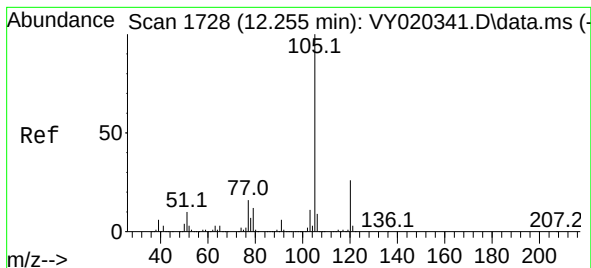
Tgt Ion:173 Resp: 54308
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion:152 Resp: 113752
Ion Ratio Lower Upper
152 100
115 61.6 30.0 90.0
150 178.3 0.0 348.2





#73

Isopropylbenzene

Concen: 50.947 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

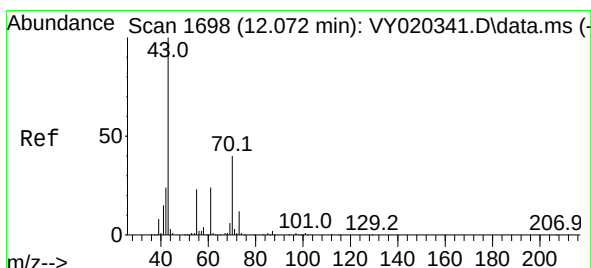
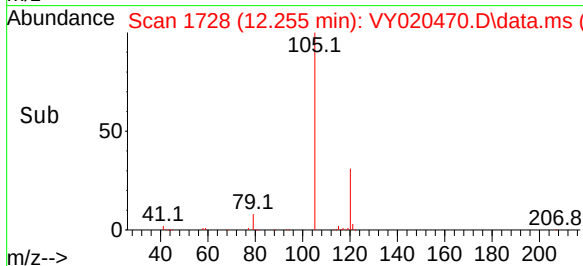
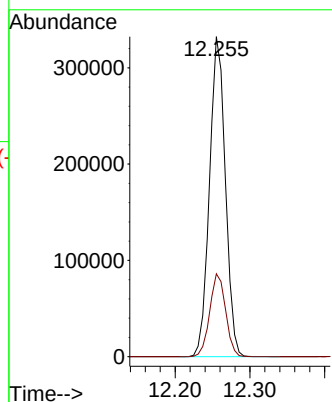
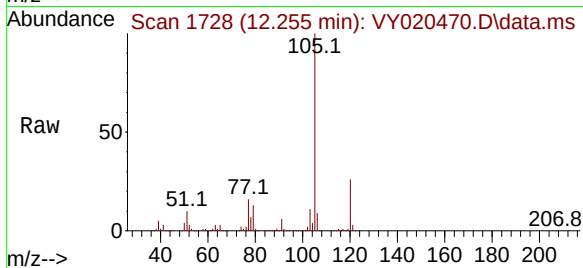
VSTDCCC050EC

Tgt Ion:105 Resp: 490934

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.1



#74

N-ethyl acetate

Concen: 44.036 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Tgt Ion: 43 Resp: 102546

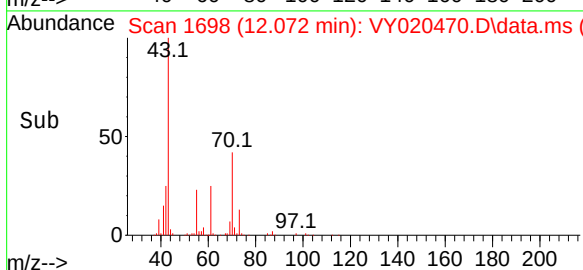
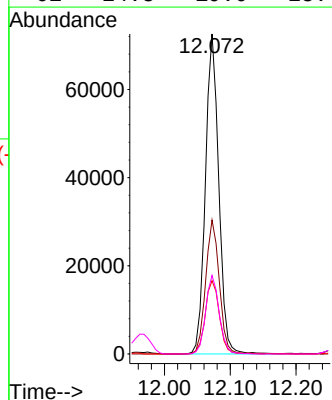
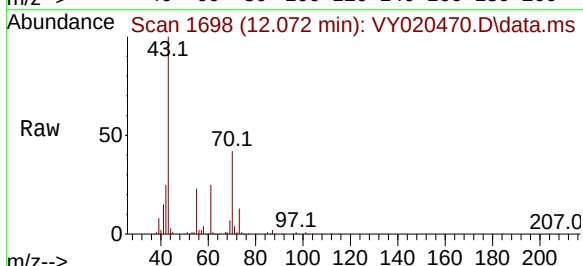
Ion Ratio Lower Upper

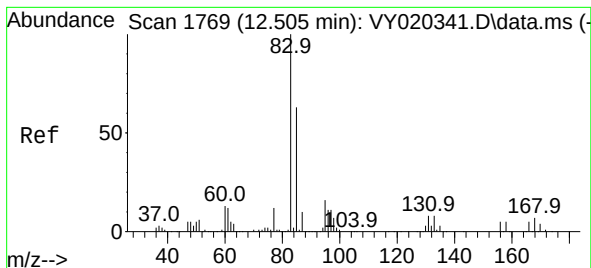
43 100

70 42.7 32.9 49.3

55 24.2 19.3 28.9

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.105 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

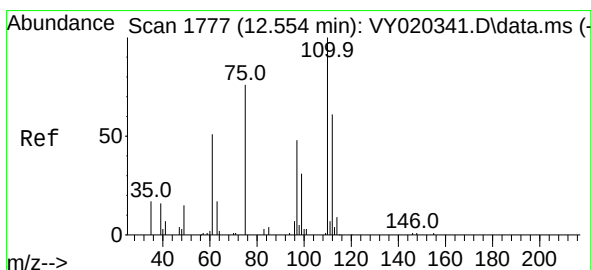
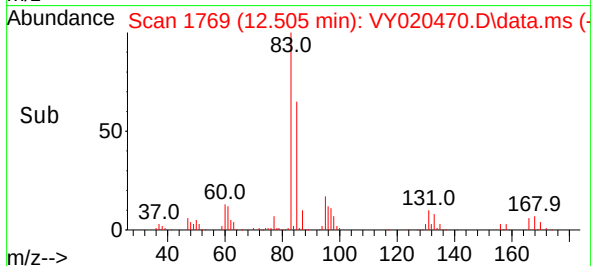
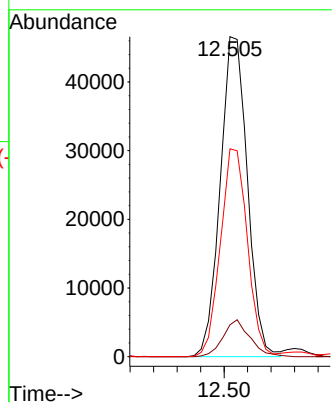
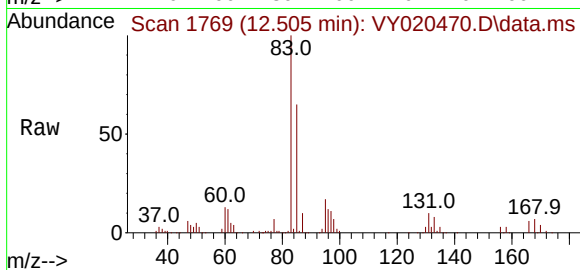
Tgt Ion: 83 Resp: 74918

Ion Ratio Lower Upper

83 100

131 11.4 4.8 14.4

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 55.164 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020470.D

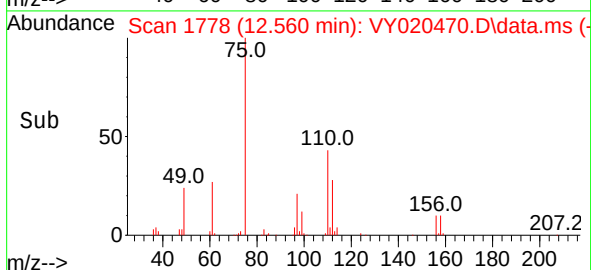
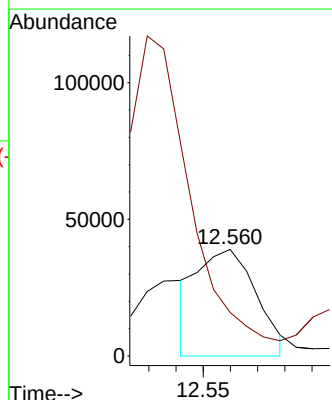
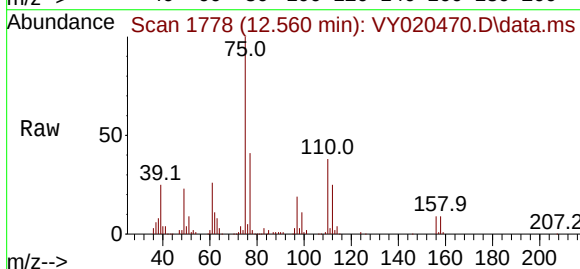
Acq: 27 Nov 2024 18:57

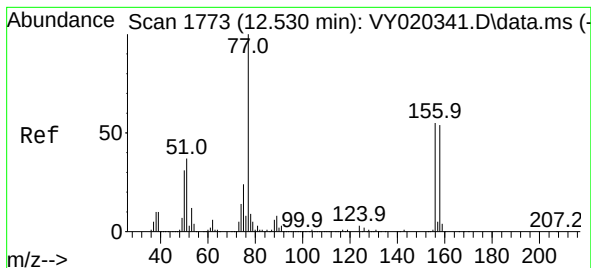
Tgt Ion: 75 Resp: 59144

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.266 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

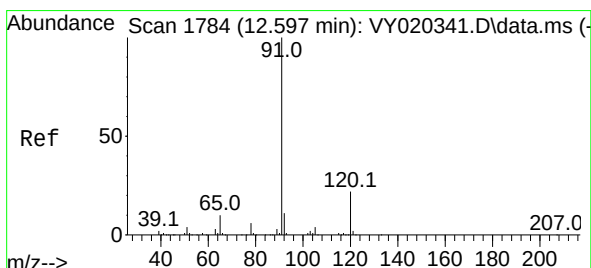
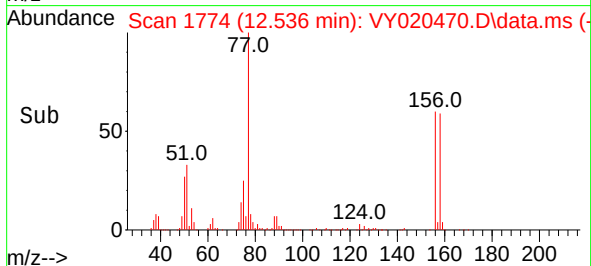
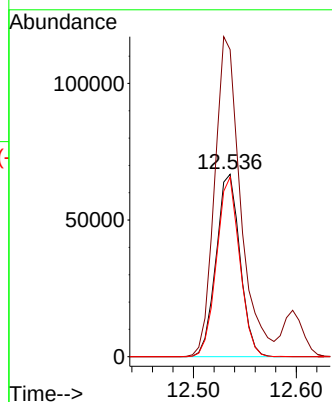
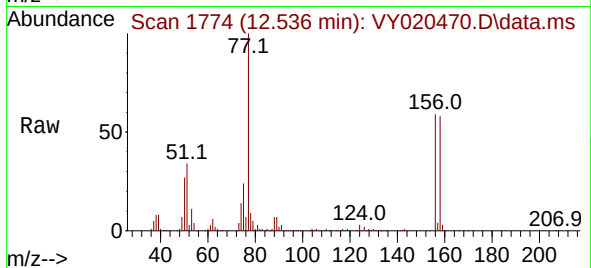
Tgt Ion:156 Resp: 107537

Ion Ratio Lower Upper

156 100

77 190.5 97.2 291.6

158 95.1 47.8 143.4



#78

n-propylbenzene

Concen: 50.134 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY020470.D

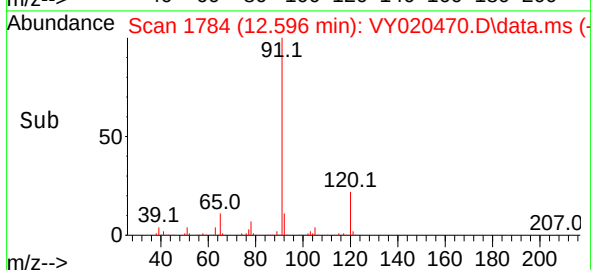
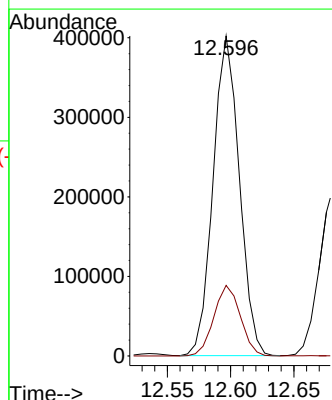
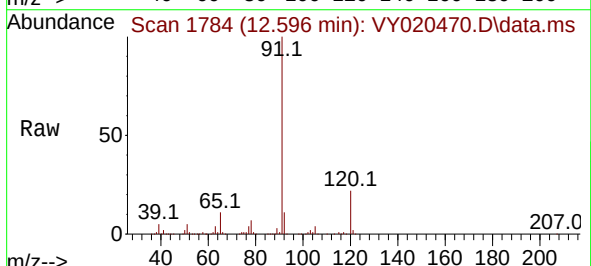
Acq: 27 Nov 2024 18:57

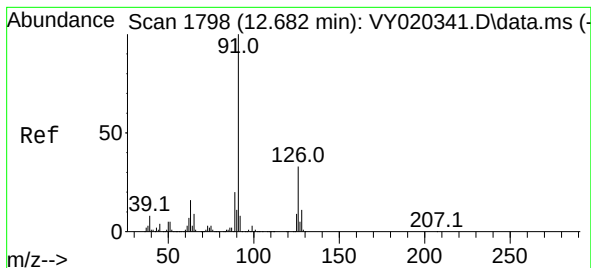
Tgt Ion: 91 Resp: 579780

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.6

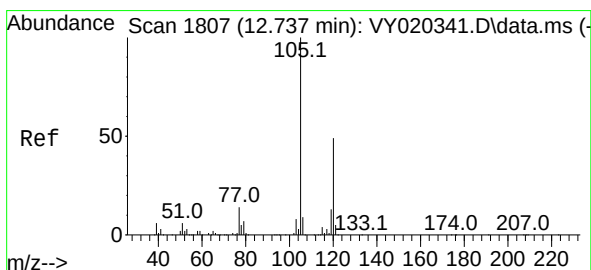
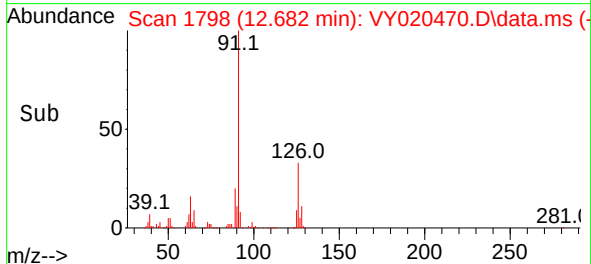
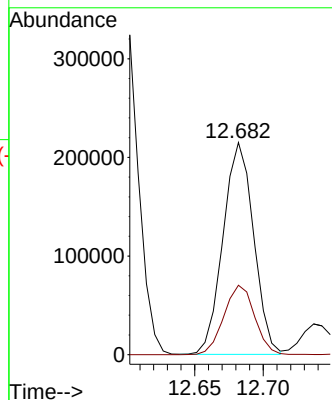
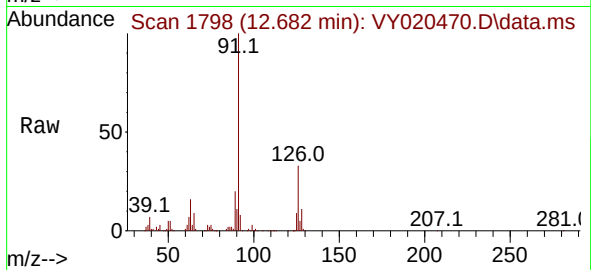




#79
2-Chlorotoluene
Concen: 50.176 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

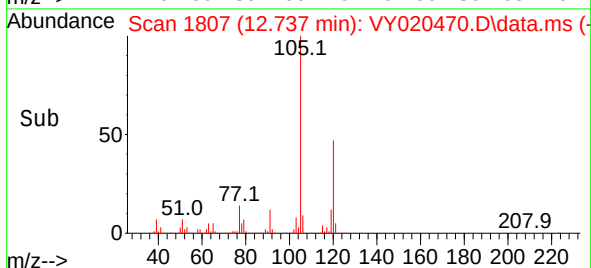
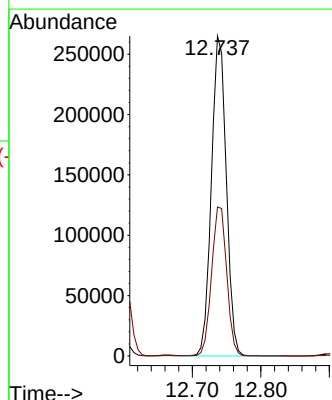
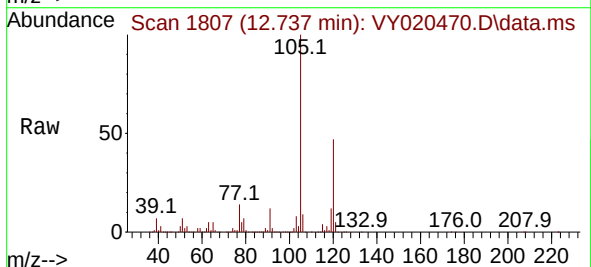
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

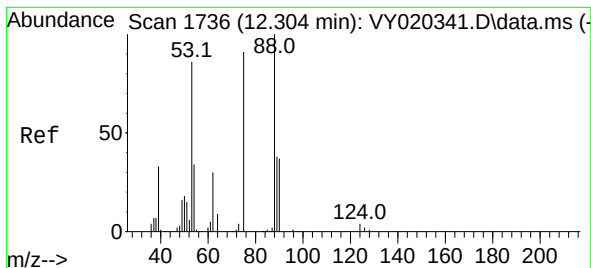
Tgt Ion: 91 Resp: 333634
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 51.378 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion:105 Resp: 400115
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8

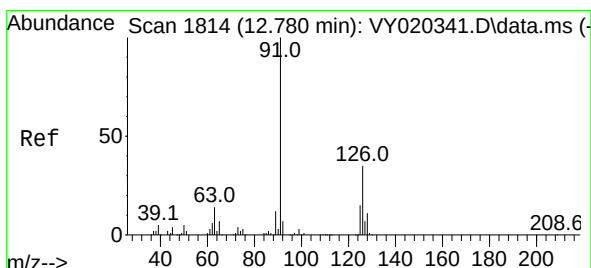
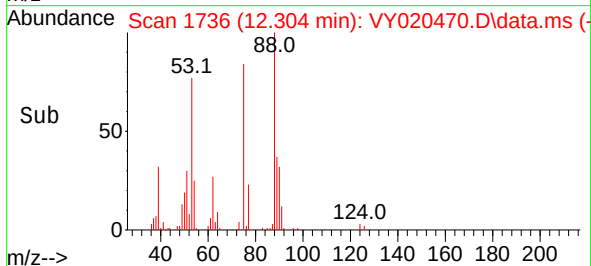
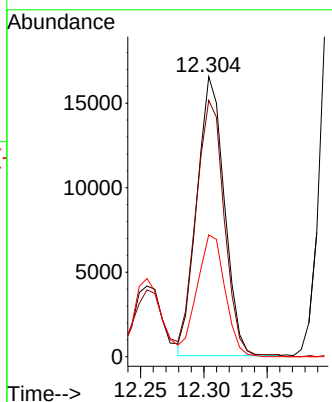
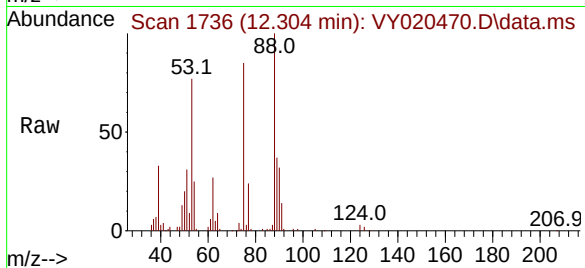




#81
trans-1,4-Dichloro-2-butene
Concen: 45.582 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

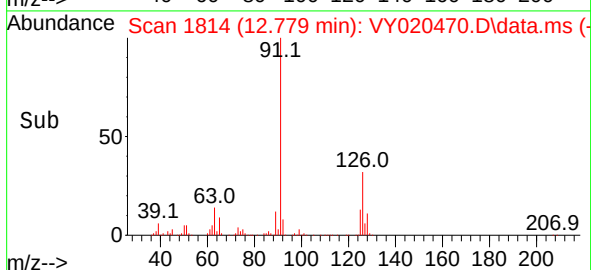
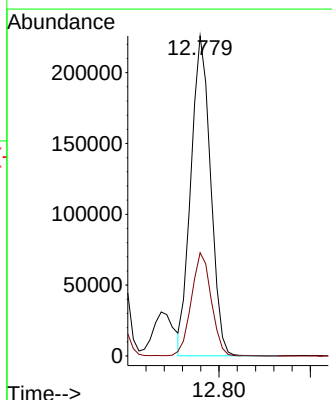
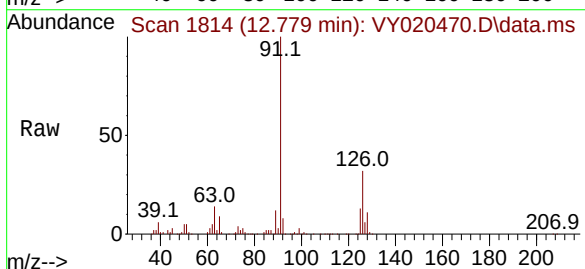
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

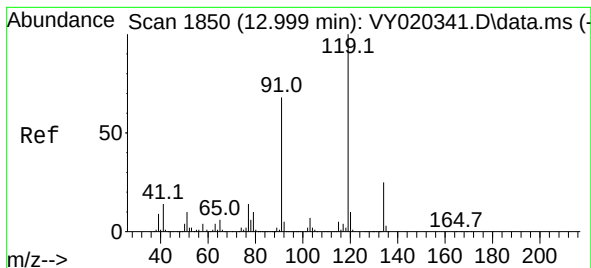
Tgt Ion: 75 Resp: 24941
Ion Ratio Lower Upper
75 100
53 95.4 81.1 121.7
89 44.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 49.099 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY020470.D
Acq: 27 Nov 2024 18:57

Tgt Ion: 91 Resp: 336933
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 51.274 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

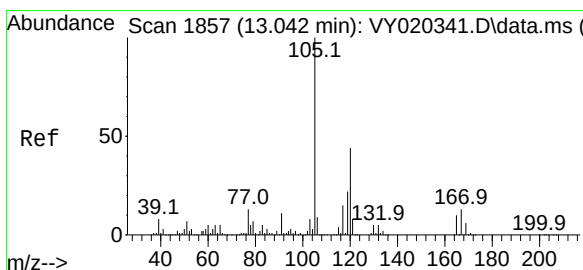
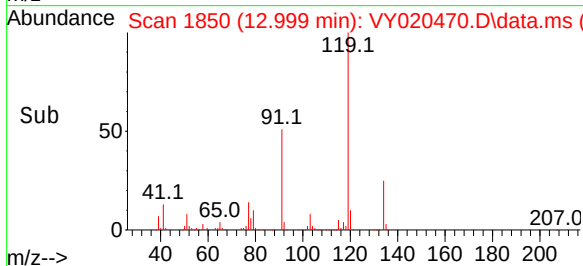
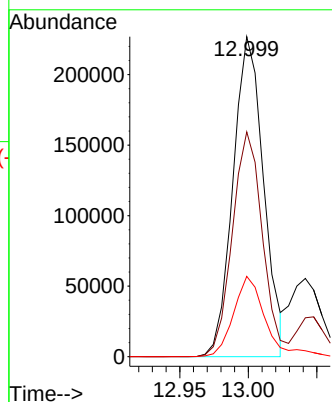
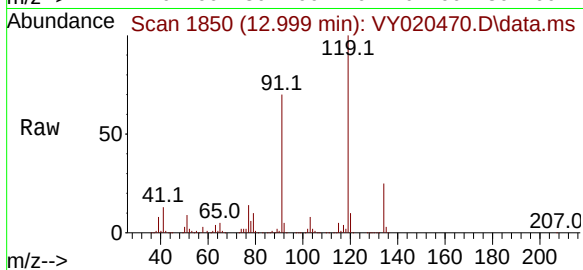
Tgt Ion:119 Resp: 352377

Ion Ratio Lower Upper

119 100

91 69.5 33.3 99.9

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.169 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020470.D

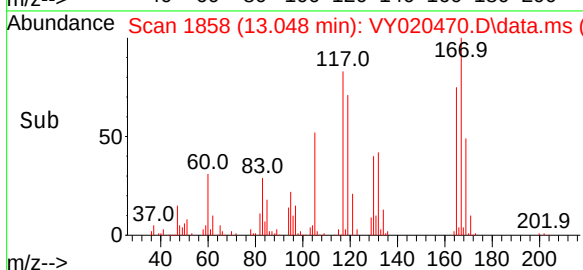
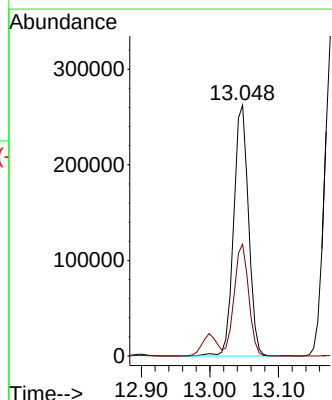
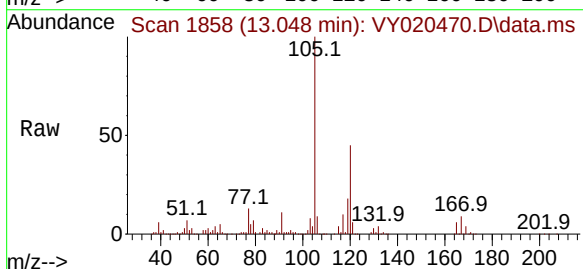
Acq: 27 Nov 2024 18:57

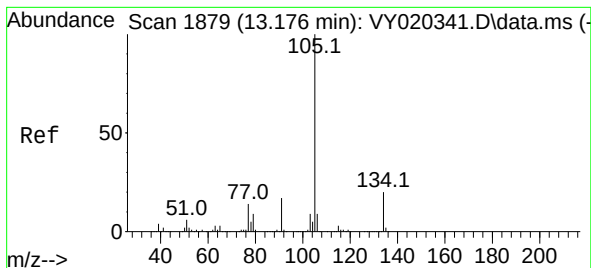
Tgt Ion:105 Resp: 395069

Ion Ratio Lower Upper

105 100

120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.619 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

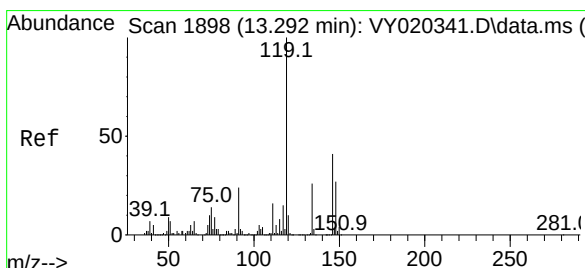
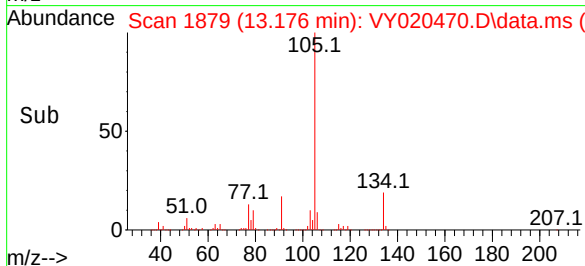
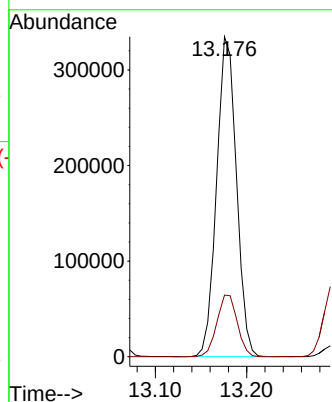
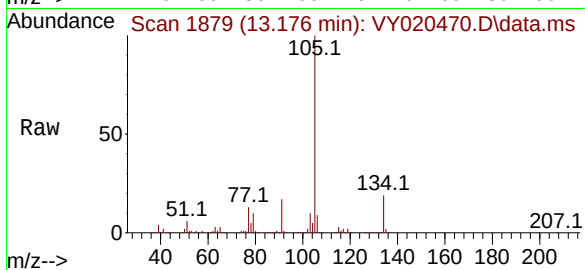
VSTDCCC050EC

Tgt Ion:105 Resp: 505087

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 50.145 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

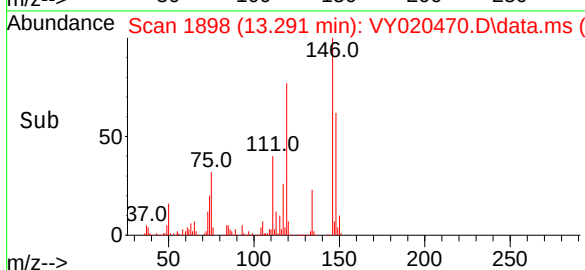
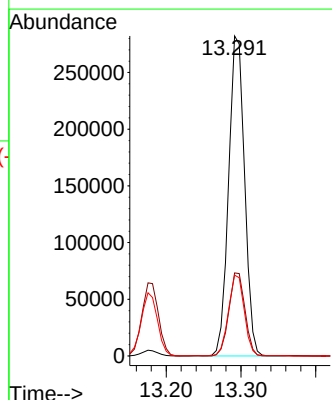
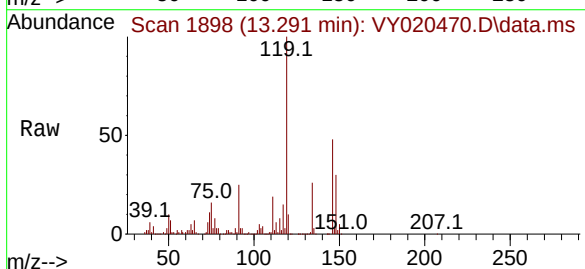
Tgt Ion:119 Resp: 420058

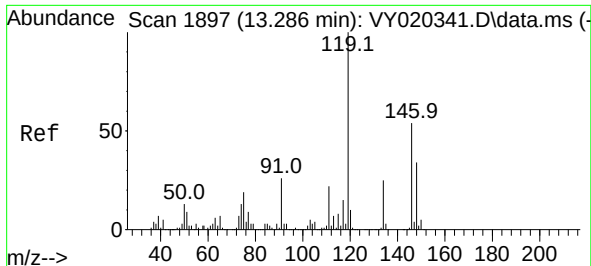
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

91 24.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.106 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

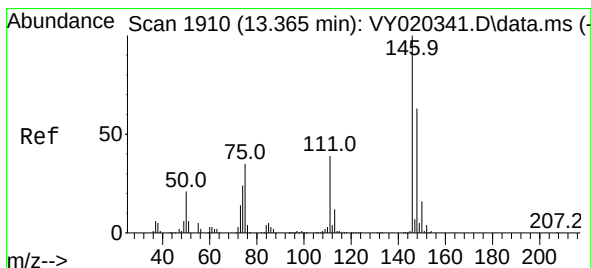
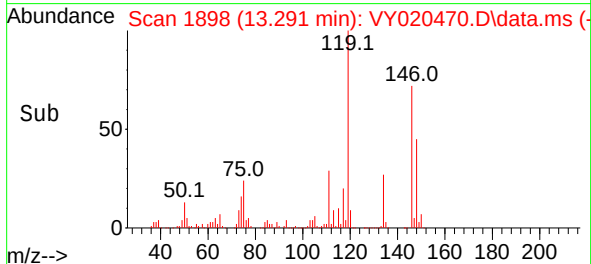
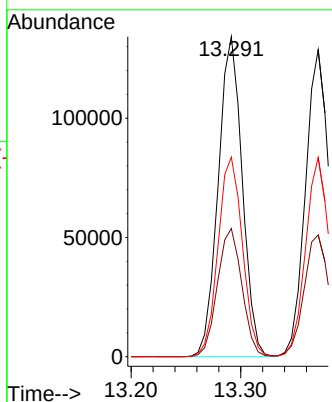
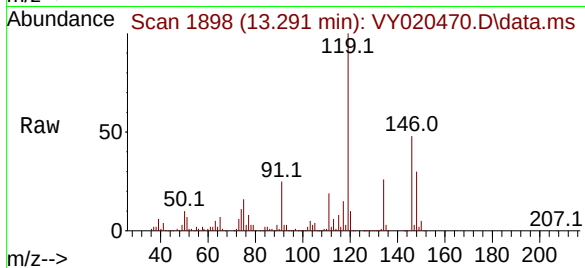
Tgt Ion:146 Resp: 204540

Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

148 63.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 50.203 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

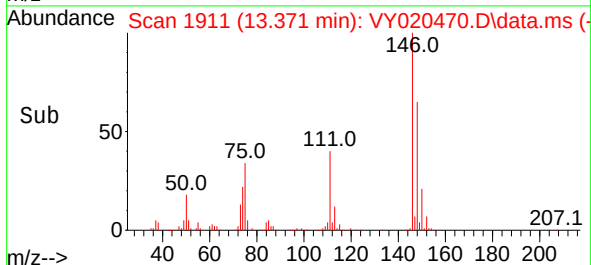
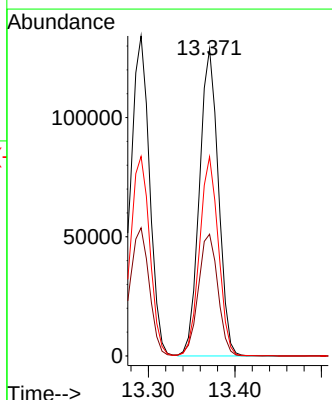
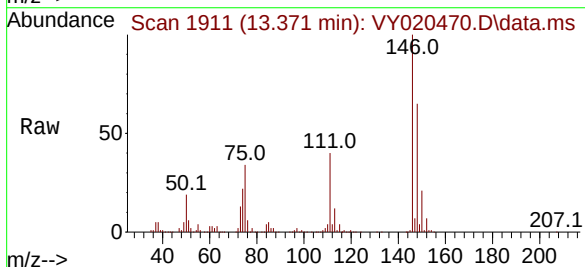
Tgt Ion:146 Resp: 195807

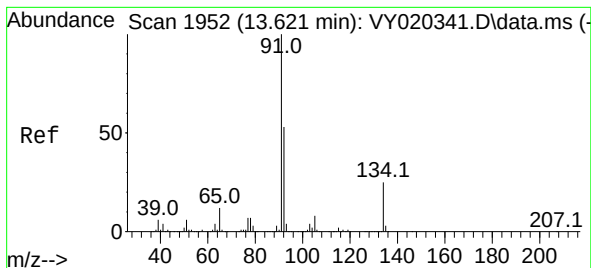
Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.6

148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 47.715 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

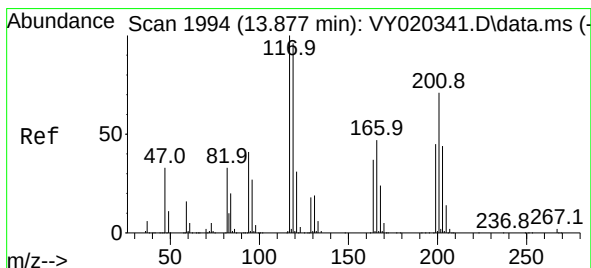
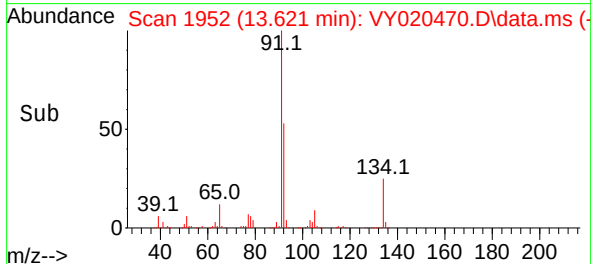
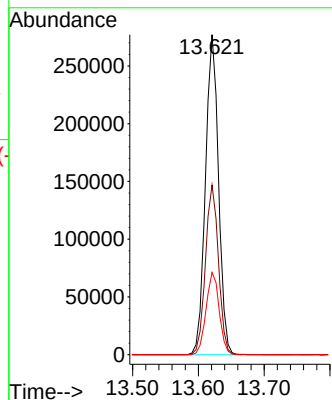
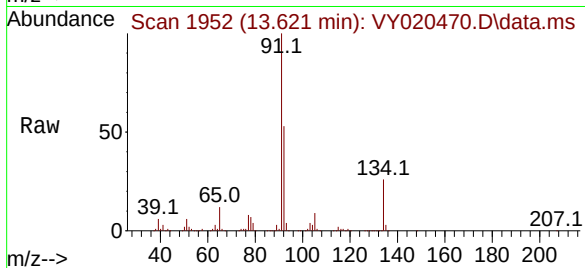
Tgt Ion: 91 Resp: 382772

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 25.9 12.2 36.4



#90

Hexachloroethane

Concen: 51.196 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY020470.D

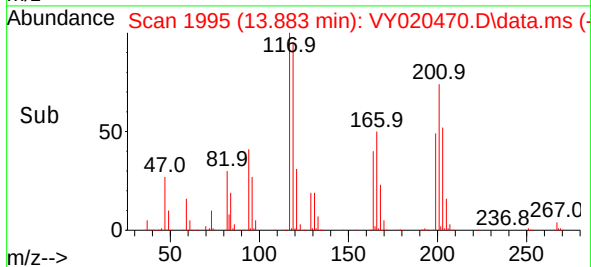
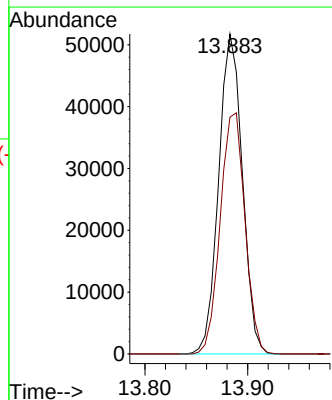
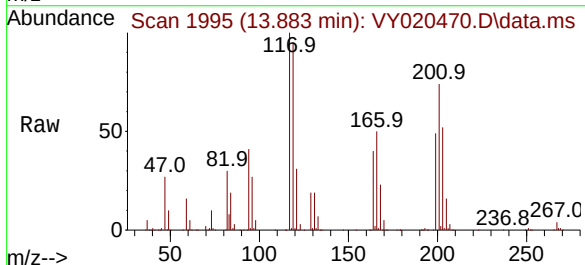
Acq: 27 Nov 2024 18:57

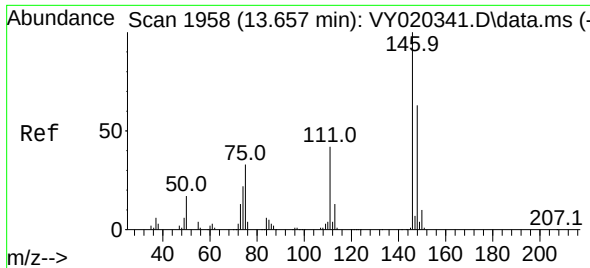
Tgt Ion: 117 Resp: 82774

Ion Ratio Lower Upper

117 100

201 78.5 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 51.199 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

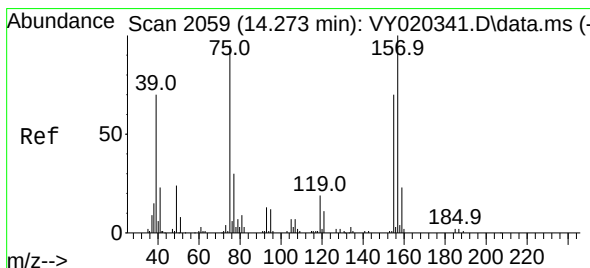
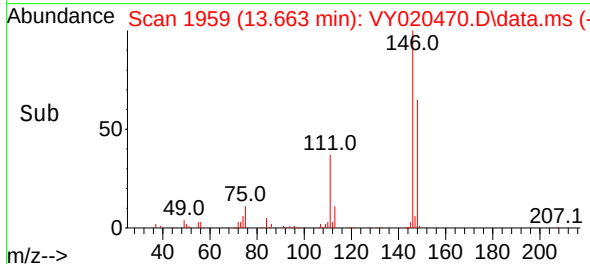
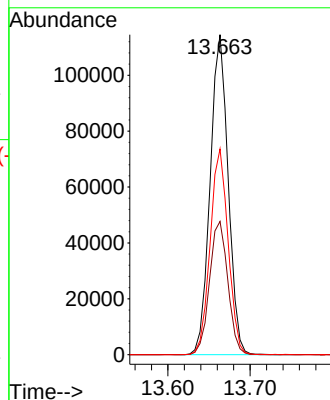
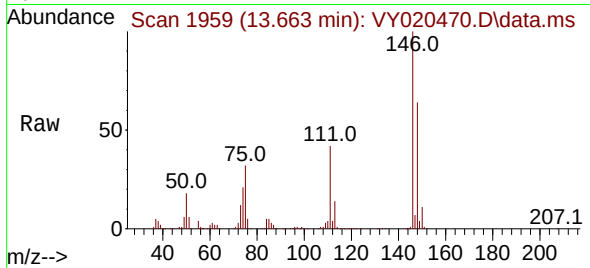
Tgt Ion:146 Resp: 174134

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.292 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

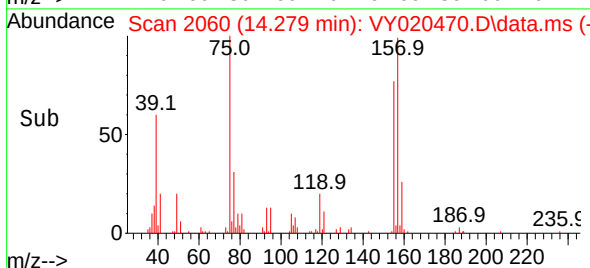
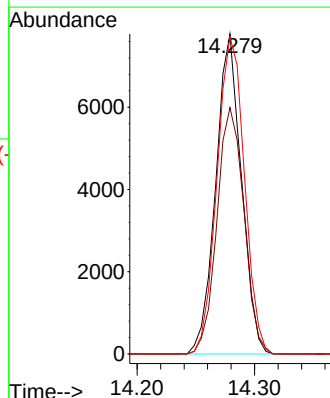
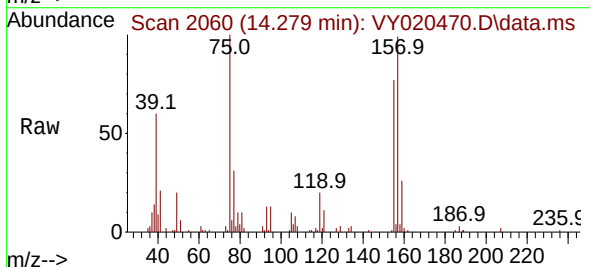
Tgt Ion: 75 Resp: 11830

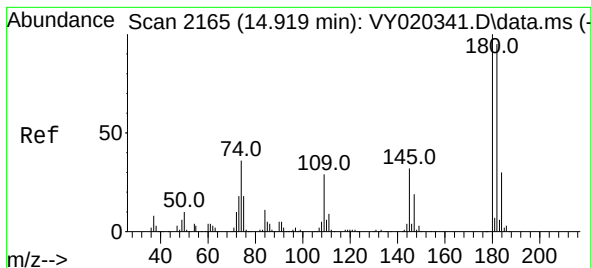
Ion Ratio Lower Upper

75 100

155 80.7 39.7 119.1

157 105.4 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 48.634 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

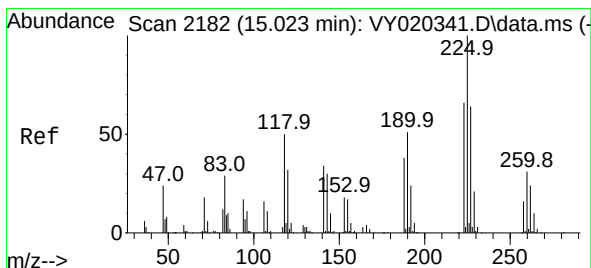
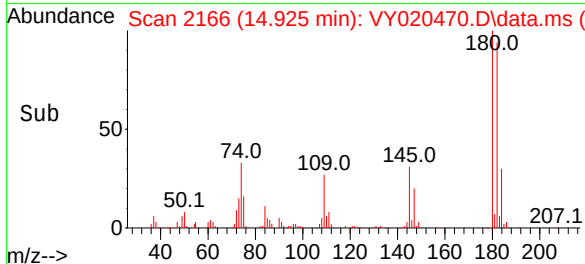
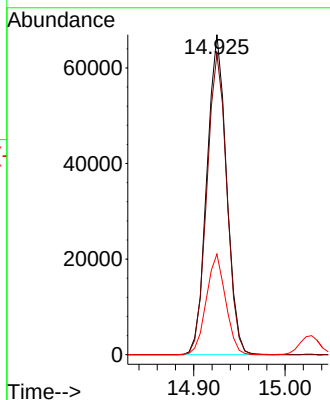
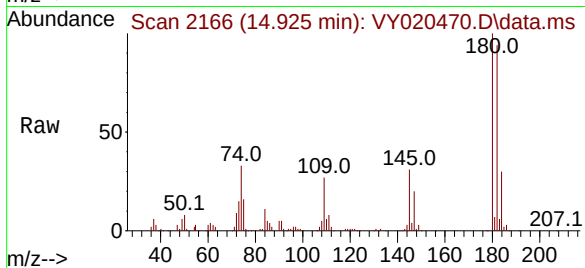
Tgt Ion:180 Resp: 100013

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 30.9 15.8 47.3



#94

Hexachlorobutadiene

Concen: 53.197 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

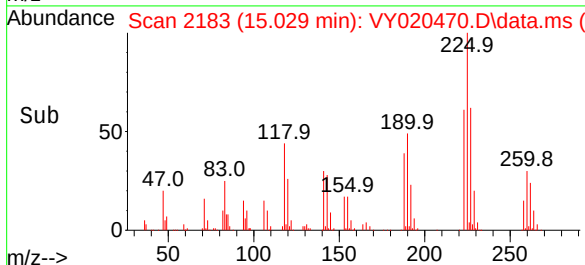
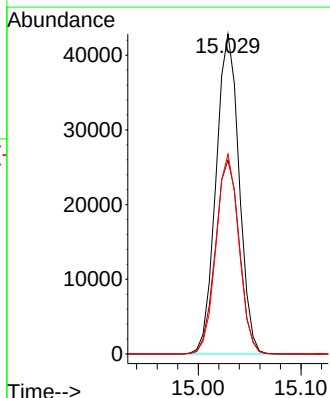
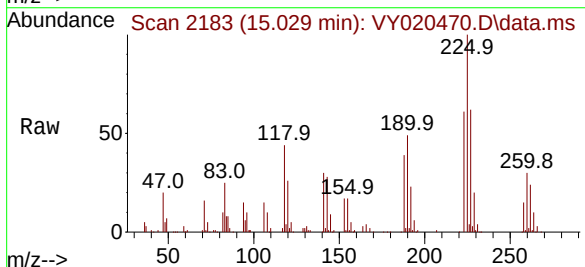
Tgt Ion:225 Resp: 66776

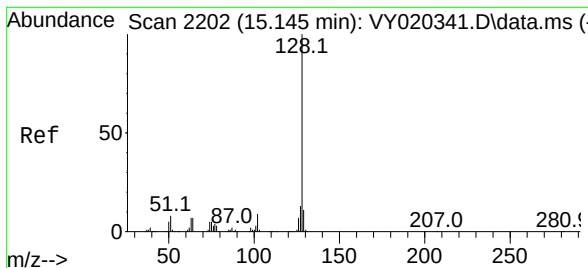
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.5

227 61.6 32.3 96.8





#95

Naphthalene

Concen: 50.170 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

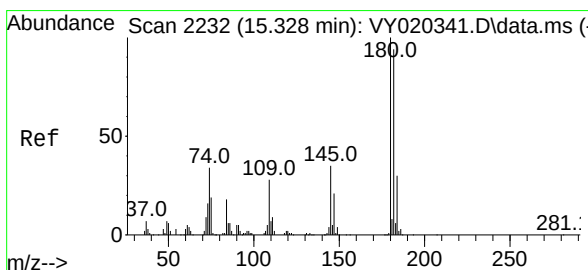
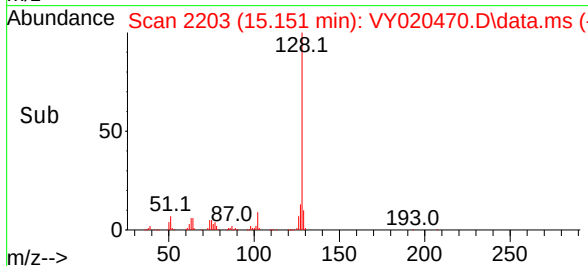
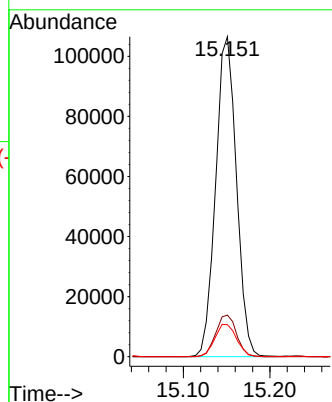
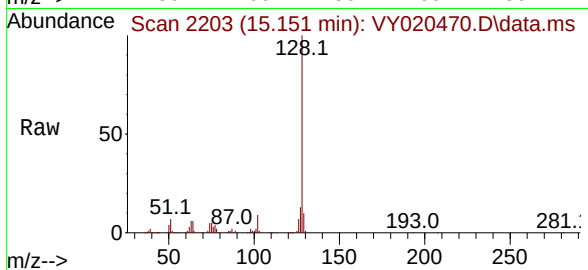
Tgt Ion:128 Resp: 177683

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.611 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020470.D

Acq: 27 Nov 2024 18:57

Tgt Ion:180 Resp: 83715

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 33.4 16.9 50.6

