

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019834.D
 Acq On : 09 Oct 2024 15:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:34:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	430698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	723884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	604297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	285838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	233998	44.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.240%
35) Dibromofluoromethane	7.634	113	228064	47.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.103	98	855648	48.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.401	95	297494	46.674	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	211482	52.746	ug/l	100
3) Chloromethane	2.074	50	267731	51.305	ug/l	98
4) Vinyl Chloride	2.208	62	302525	52.682	ug/l	99
5) Bromomethane	2.598	94	188629	51.896	ug/l	99
6) Chloroethane	2.738	64	194374	50.385	ug/l	92
7) Trichlorofluoromethane	3.062	101	443589	51.914	ug/l	99
8) Diethyl Ether	3.458	74	129997	50.058	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	257043	51.717	ug/l	100
10) Methyl Iodide	4.007	142	265733	52.864	ug/l	98
11) Tert butyl alcohol	4.866	59	97246	224.555	ug/l	100
12) 1,1-Dichloroethene	3.793	96	241587	52.286	ug/l	97
13) Acrolein	3.653	56	96920	248.720	ug/l	99
14) Allyl chloride	4.391	41	428800	51.434	ug/l	99
15) Acrylonitrile	5.067	53	282187	237.568	ug/l	100
16) Acetone	3.872	43	324300	234.915	ug/l	99
17) Carbon Disulfide	4.110	76	676399	54.615	ug/l	99
18) Methyl Acetate	4.385	43	140374	47.203	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	649655	48.940	ug/l	96
20) Methylene Chloride	4.622	84	260836	46.817	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	259294	51.561	ug/l	96
22) Diisopropyl ether	6.018	45	902486	49.699	ug/l	98
23) Vinyl Acetate	5.964	43	2572778	247.138	ug/l	99
24) 1,1-Dichloroethane	5.915	63	509324	50.457	ug/l	99
25) 2-Butanone	6.896	43	425540	230.290	ug/l	99
26) 2,2-Dichloropropane	6.884	77	463783	51.590	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	314625	50.626	ug/l	99
28) Bromochloromethane	7.244	49	205401	46.231	ug/l	99
29) Tetrahydrofuran	7.262	42	245375	232.566	ug/l	99
30) Chloroform	7.421	83	518647	50.403	ug/l	97
31) Cyclohexane	7.701	56	438371	49.472	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	466878	51.773	ug/l	100
36) 1,1-Dichloropropene	7.835	75	373449	54.265	ug/l	99
37) Ethyl Acetate	6.988	43	176947	49.310	ug/l	100
38) Carbon Tetrachloride	7.817	117	405617	54.980	ug/l	96
39) Methylcyclohexane	9.109	83	466748	53.828	ug/l	99
40) Benzene	8.079	78	1094650	52.558	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	90045	46.363	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	303059	50.649	ug/l	99
43) Isopropyl Acetate	8.195	43	360757	49.295	ug/l	100
44) Trichloroethene	8.865	130	268143	53.156	ug/l	98
45) 1,2-Dichloropropane	9.140	63	266447	51.112	ug/l	99
46) Dibromomethane	9.231	93	142048	49.874	ug/l	100
47) Bromodichloromethane	9.420	83	389060	51.464	ug/l	99
48) Methyl methacrylate	9.219	41	168043	52.201	ug/l	97
49) 1,4-Dioxane	9.231	88	29492	925.169	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	913222	244.646	ug/l	100
52) Toluene	10.170	92	688634	52.969	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	350338	51.505	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	414888	51.692	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	188507	50.235	ug/l	98
56) Ethyl methacrylate	10.438	69	277264	51.494	ug/l	99
57) 1,3-Dichloropropane	10.719	76	327837	49.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	593052	236.595	ug/l	99
59) 2-Hexanone	10.755	43	658677	247.056	ug/l	99
60) Dibromochloromethane	10.908	129	242202	50.287	ug/l	99
61) 1,2-Dibromoethane	11.011	107	165931	48.934	ug/l	99
64) Tetrachloroethene	10.646	164	224993	52.345	ug/l	99
65) Chlorobenzene	11.438	112	731619	52.932	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	246451	52.701	ug/l	99
67) Ethyl Benzene	11.517	91	1358983	54.126	ug/l	99
68) m/p-Xylenes	11.627	106	998713	107.703	ug/l	100
69) o-Xylene	11.950	106	475544	53.376	ug/l	100
70) Styrene	11.969	104	798999	53.155	ug/l	100
71) Bromoform	12.133	173	129999	51.929	ug/l #	99
73) Isopropylbenzene	12.255	105	1291391	53.712	ug/l	100
74) N-amyl acetate	12.066	43	333199	52.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	213934	50.077	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	283893	95.382	ug/l #	100
77) Bromobenzene	12.529	156	266033	52.143	ug/l	99
78) n-propylbenzene	12.590	91	1580208	54.394	ug/l	100
79) 2-Chlorotoluene	12.676	91	884605	53.113	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1042089	53.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	72989	52.613	ug/l	97
82) 4-Chlorotoluene	12.773	91	904186	53.095	ug/l	99
83) tert-Butylbenzene	12.993	119	928800	53.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	1023548	53.170	ug/l	100
85) sec-Butylbenzene	13.176	105	1396101	53.720	ug/l	100
86) p-Isopropyltoluene	13.285	119	1126019	53.357	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	533804	51.809	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	518316	51.207	ug/l	100
89) n-Butylbenzene	13.615	91	1122433	54.470	ug/l	100
90) Hexachloroethane	13.877	117	224415	54.612	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	465022	51.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	33414	49.008	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	269549	53.099	ug/l	99
94) Hexachlorobutadiene	15.023	225	148493	52.615	ug/l	100
95) Naphthalene	15.139	128	506717	52.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	224718	52.368	ug/l	99

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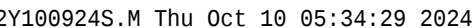
Instrument :
MSVOA_Y
ClientSampleId :

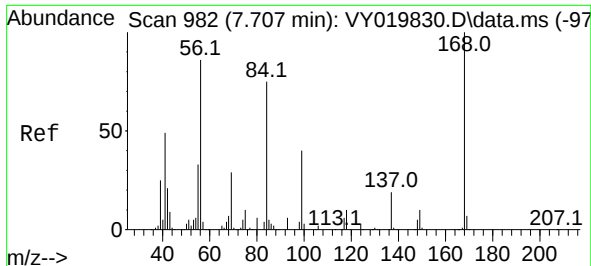
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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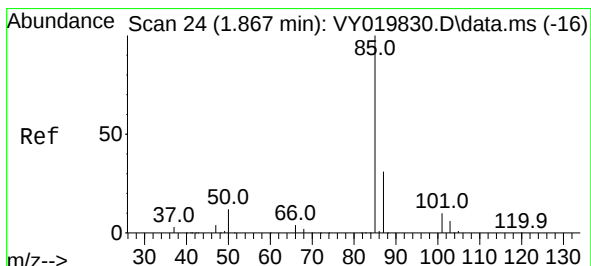
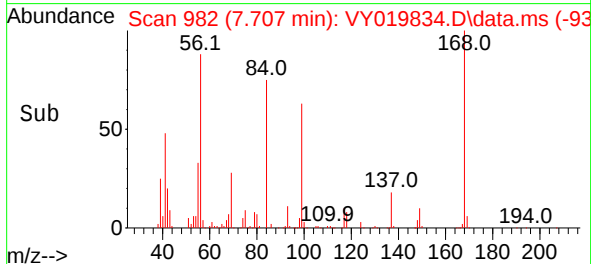
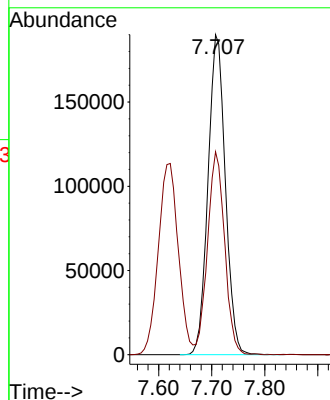
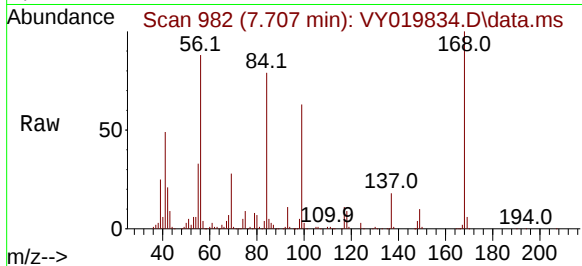




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019834.D
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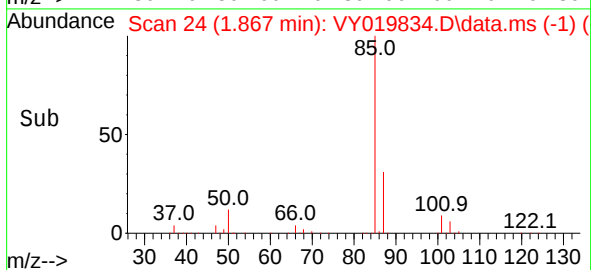
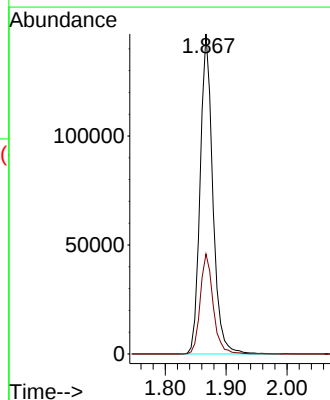
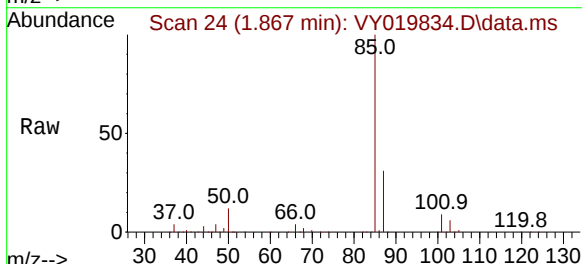
Instrument :
MSVOA_Y
ClientSampleId :

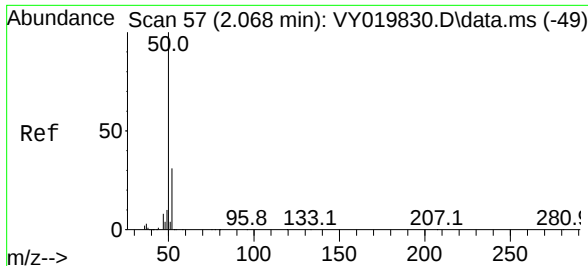
Tgt Ion:168 Resp: 430698
Ion Ratio Lower Upper
168 100
99 63.3 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 52.746 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 85 Resp: 211482
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1





#3

Chloromethane

Concen: 51.305 ug/l

RT: 2.074 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

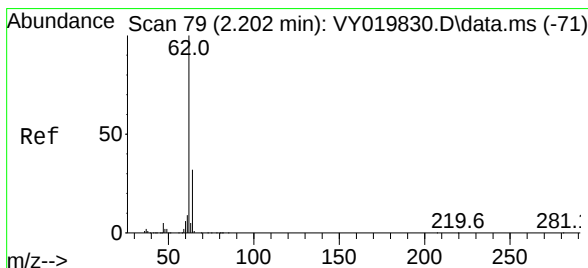
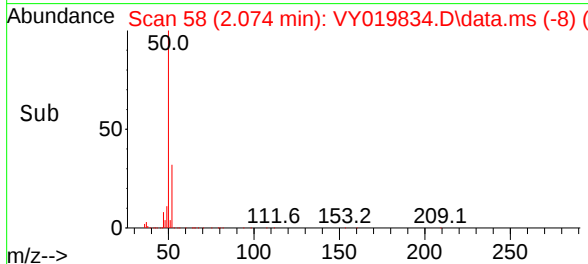
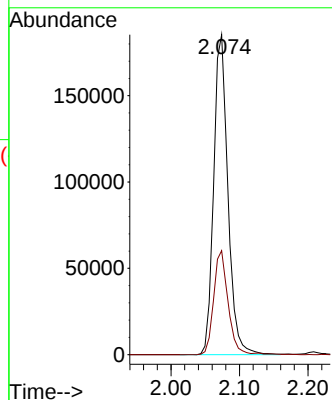
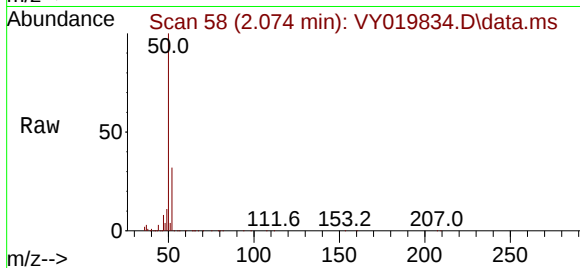
ClientSampleId :

Tgt Ion: 50 Resp: 267731

Ion Ratio Lower Upper

50 100

52 32.5 25.1 37.7



#4

Vinyl Chloride

Concen: 52.682 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019834.D

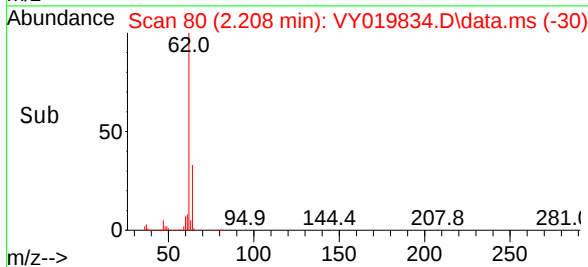
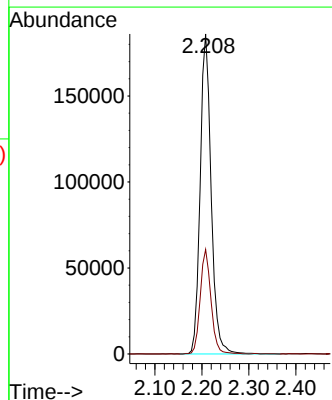
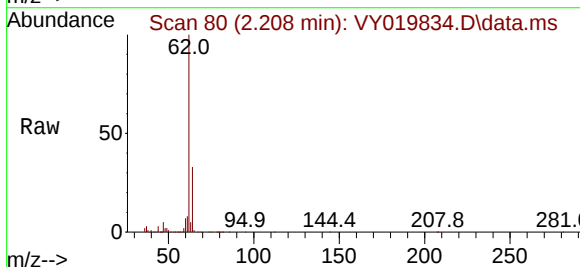
Acq: 09 Oct 2024 15:25

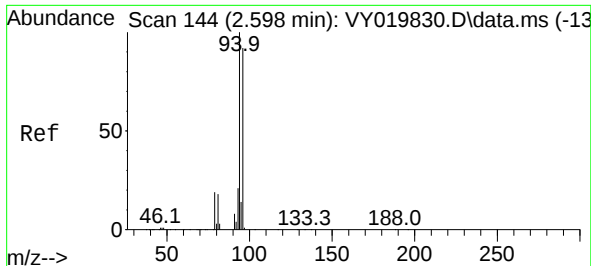
Tgt Ion: 62 Resp: 302525

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4

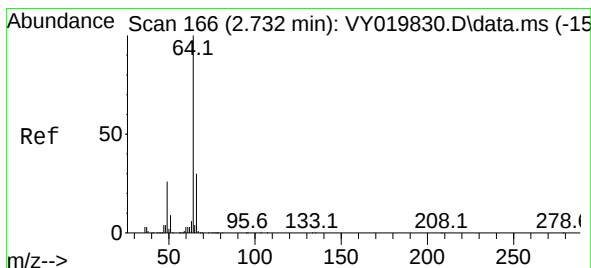
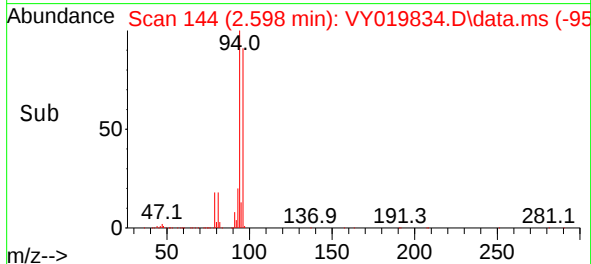
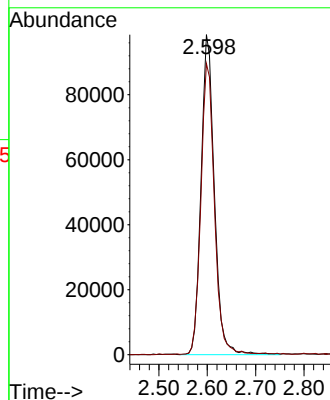
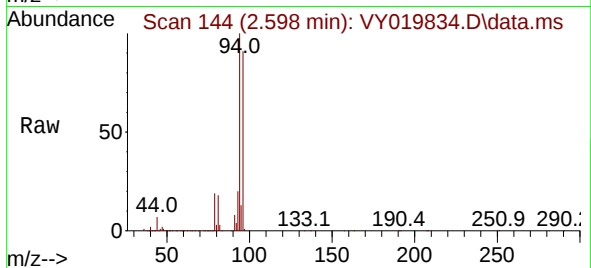




#5
Bromomethane
Concen: 51.896 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

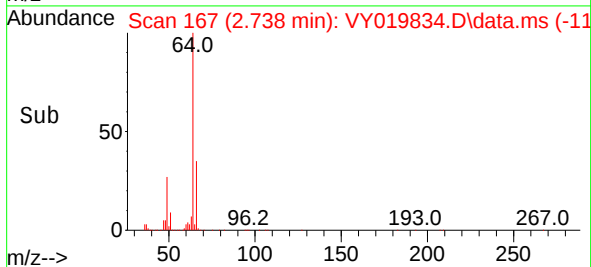
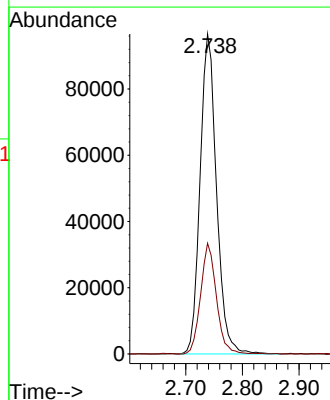
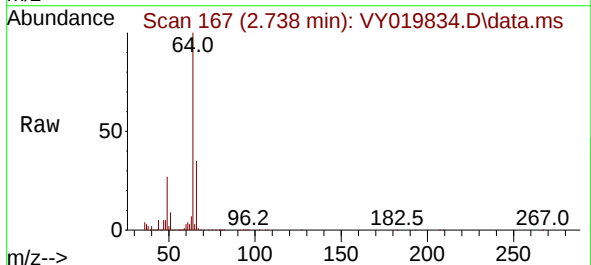
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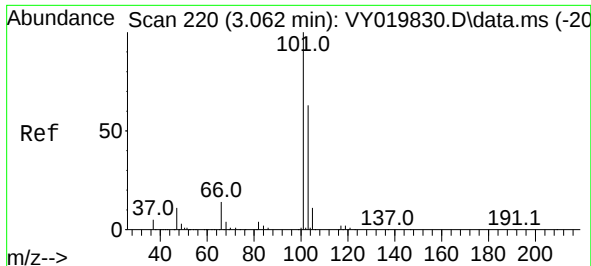
Tgt Ion: 94 Resp: 188629
Ion Ratio Lower Upper
94 100
96 90.8 73.6 110.4



#6
Chloroethane
Concen: 50.385 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 64 Resp: 194374
Ion Ratio Lower Upper
64 100
66 34.6 24.2 36.2

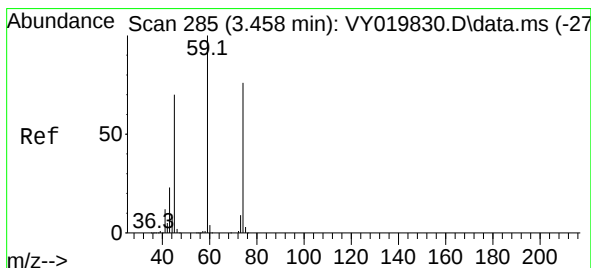
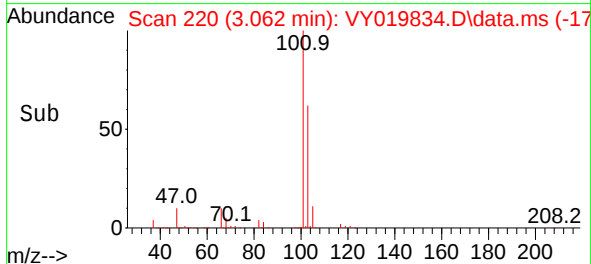
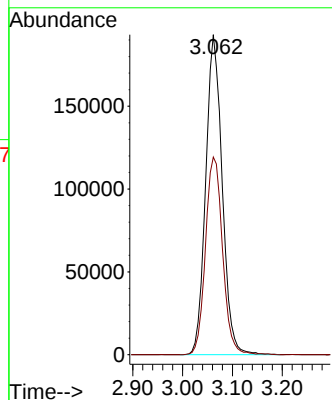
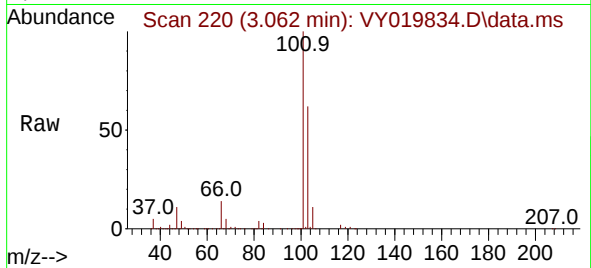




#7
 Trichlorofluoromethane
 Concen: 51.914 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY019834.D
 Acq: 09 Oct 2024 15:25

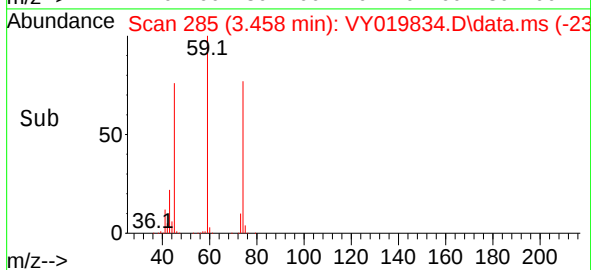
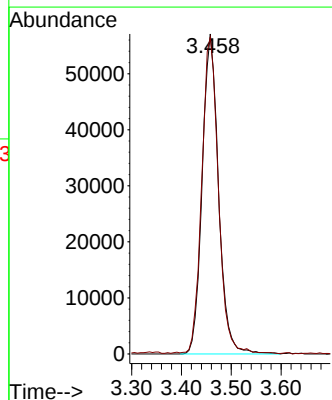
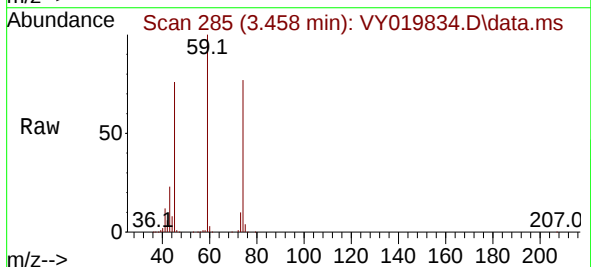
Instrument :
 MSVOA_Y
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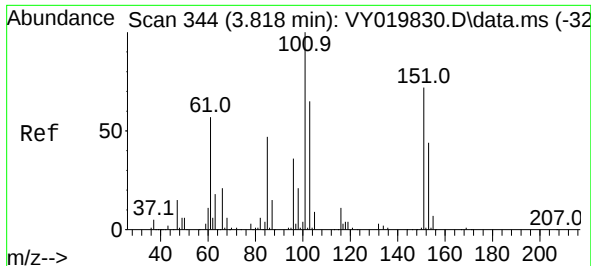
Tgt Ion:101 Resp: 443589
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.058 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY019834.D
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Tgt Ion: 74 Resp: 129997
 Ion Ratio Lower Upper
 74 100
 45 100.4 49.9 149.6

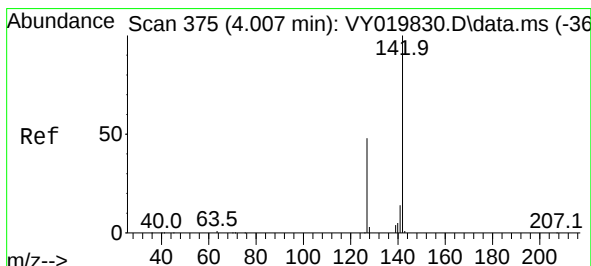
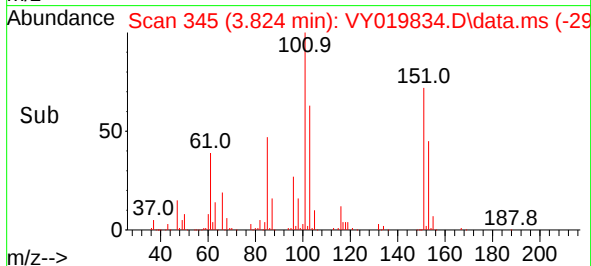
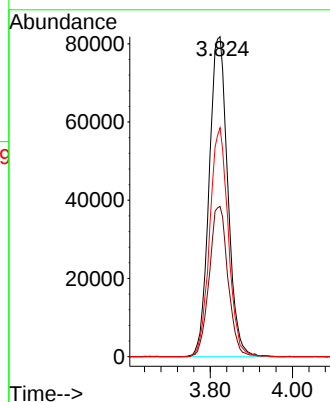
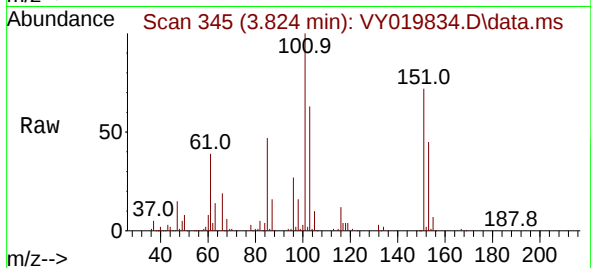




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.717 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

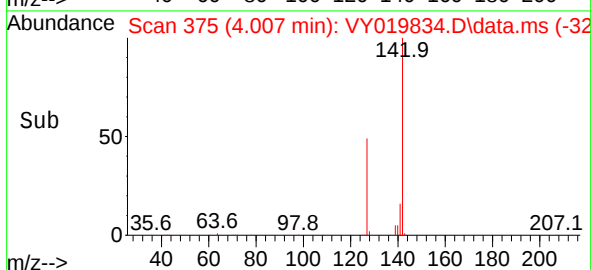
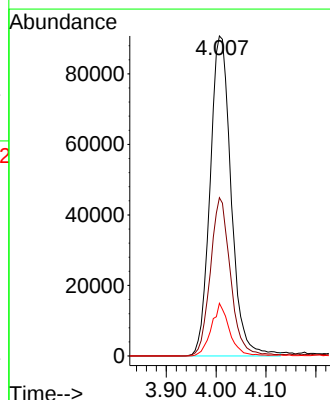
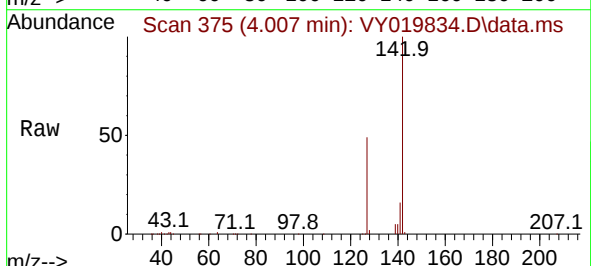
Instrument :
MSVOA_Y
ClientSampleId :

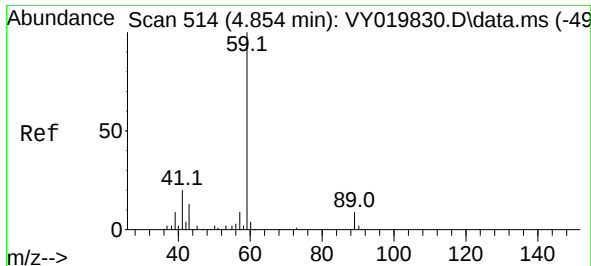
Tgt Ion:101 Resp: 257043
Ion Ratio Lower Upper
101 100
85 47.3 37.9 56.9
151 71.3 57.0 85.6



#10
Methyl Iodide
Concen: 52.864 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion:142 Resp: 265733
Ion Ratio Lower Upper
142 100
127 47.5 39.4 59.2
141 14.2 11.7 17.5

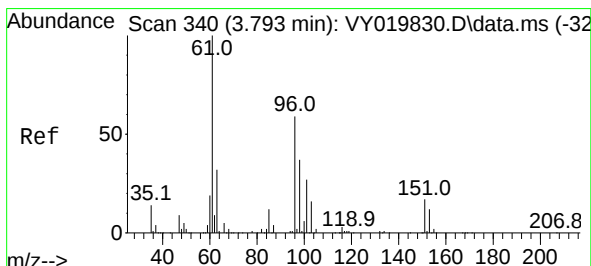
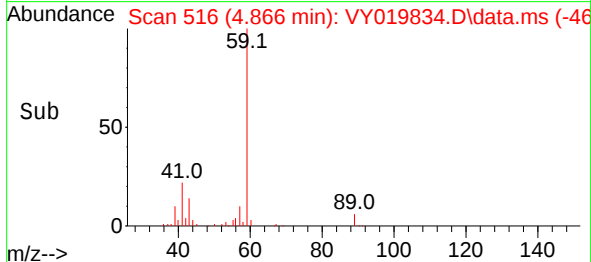
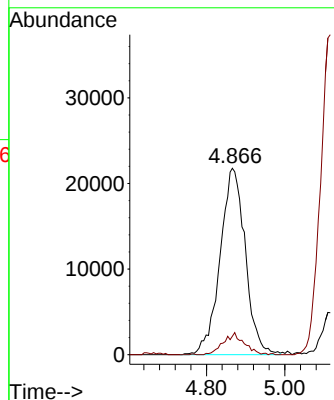
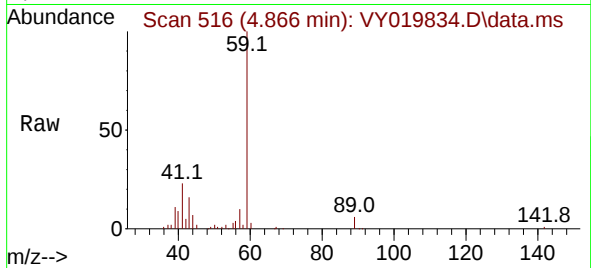




#11
Tert butyl alcohol
Concen: 224.555 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

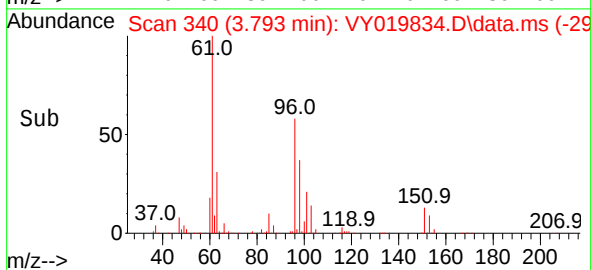
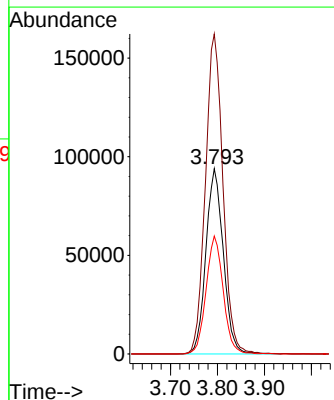
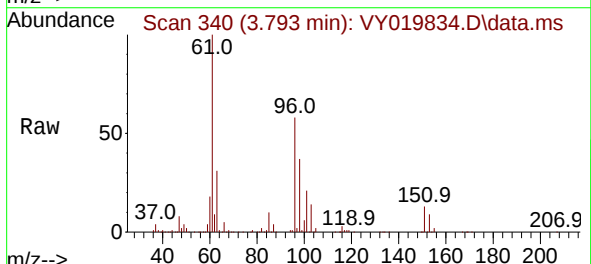
Instrument :
MSVOA_Y
ClientSampleId :

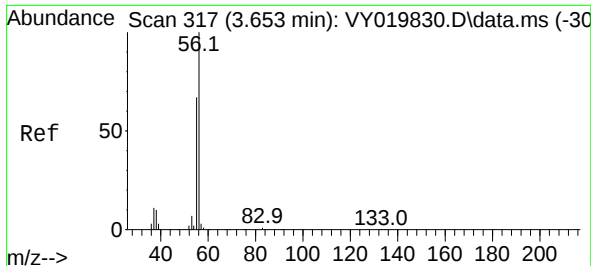
Tgt Ion: 59 Resp: 97246
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 52.286 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

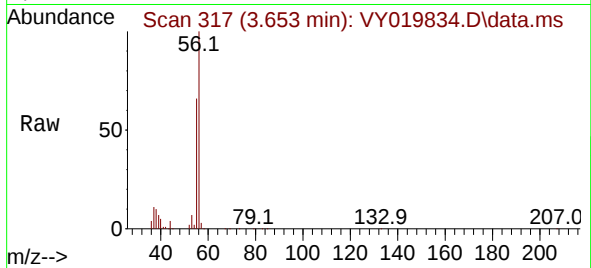
Tgt Ion: 96 Resp: 241587
Ion Ratio Lower Upper
96 100
61 172.7 134.9 202.3
98 63.7 50.2 75.4



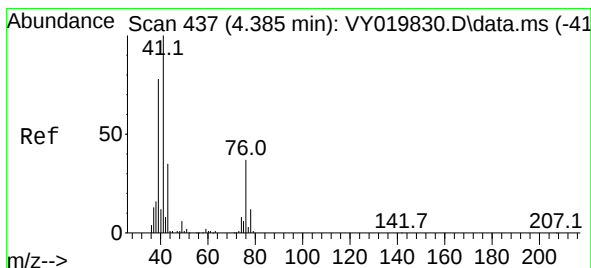
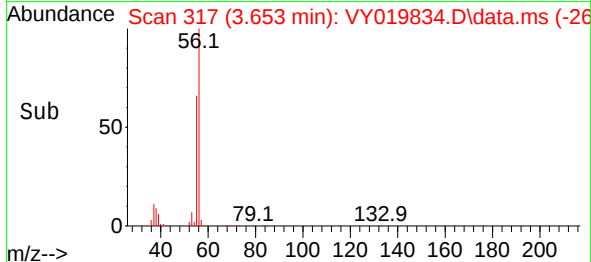
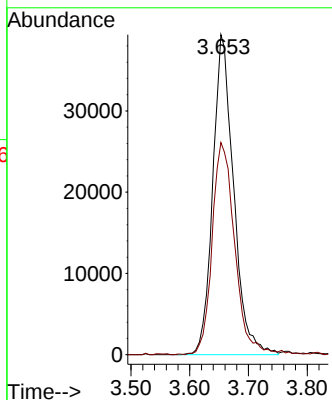


#13
Acrolein
Concen: 248.720 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

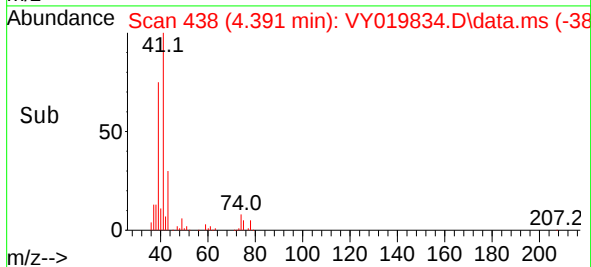
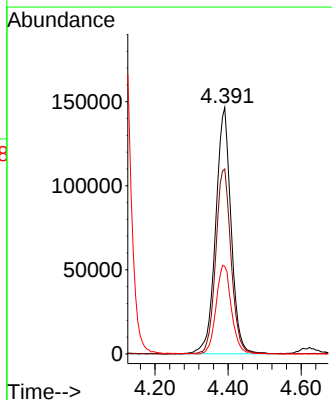
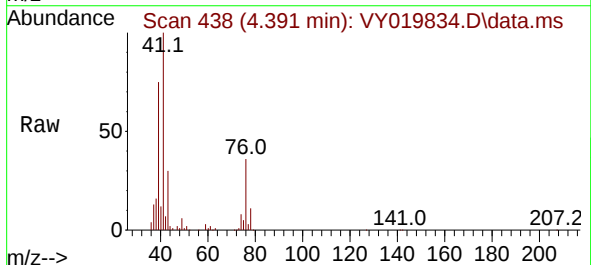


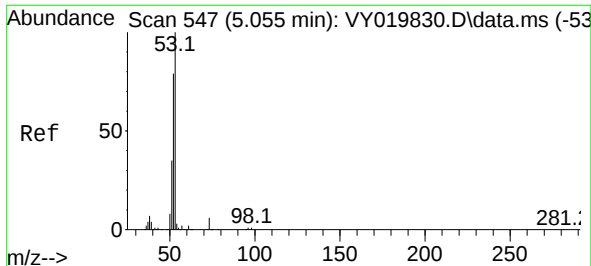
Tgt Ion: 56 Resp: 96920
Ion Ratio Lower Upper
56 100
55 72.3 56.9 85.3



#14
Allyl chloride
Concen: 51.434 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 41 Resp: 428800
Ion Ratio Lower Upper
41 100
39 74.9 59.1 88.7
76 36.0 28.6 42.8





#15

Acrylonitrile

Concen: 237.568 ug/l

RT: 5.067 min Scan# 54

Delta R.T. 0.012 min

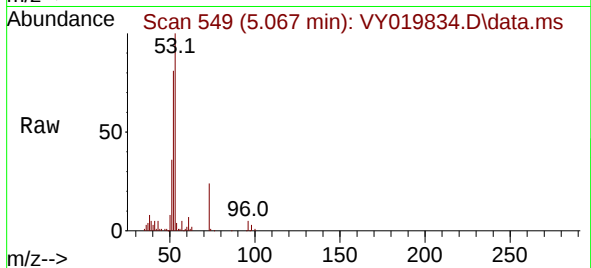
Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :



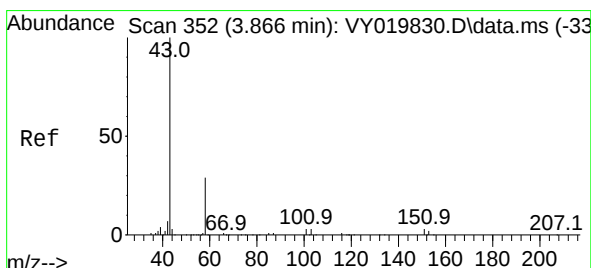
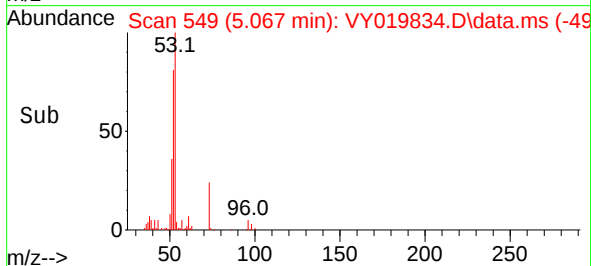
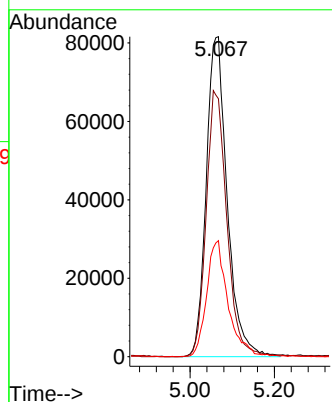
Tgt Ion: 53 Resp: 282187

Ion	Ratio	Lower	Upper
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53	100		
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52	81.8	65.0	97.6
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51	37.3	29.9	44.9
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#16

Acetone

Concen: 234.915 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.006 min

Lab File: VY019834.D

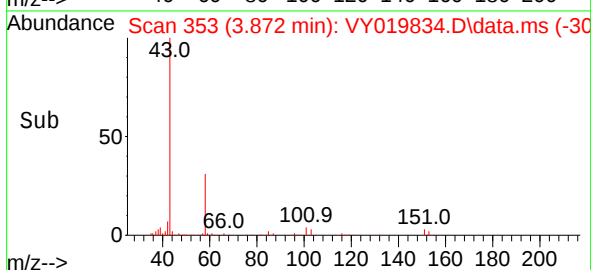
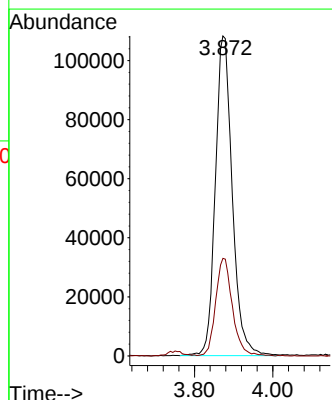
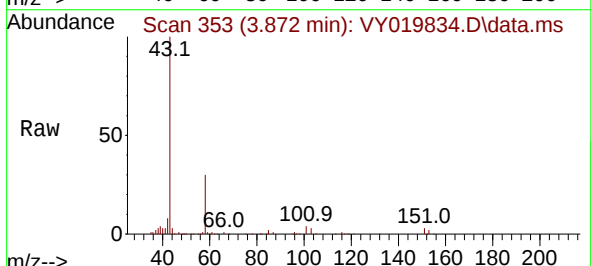
Acq: 09 Oct 2024 15:25

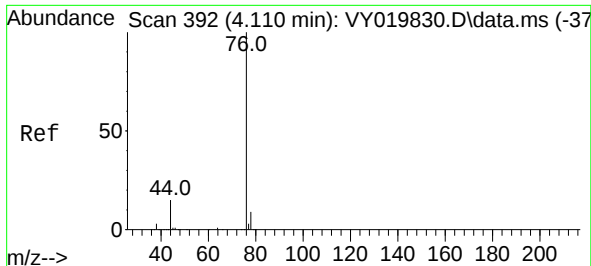
Tgt Ion: 43 Resp: 324300

Ion	Ratio	Lower	Upper
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43	100		
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58	30.4	23.8	35.6
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#17

Carbon Disulfide

Concen: 54.615 ug/l

RT: 4.110 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

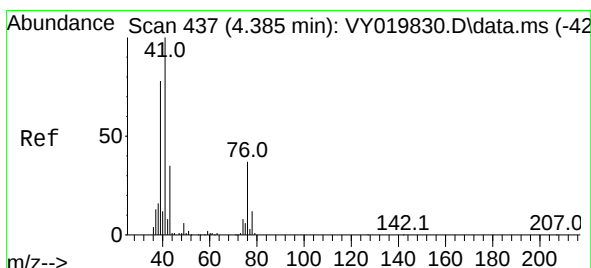
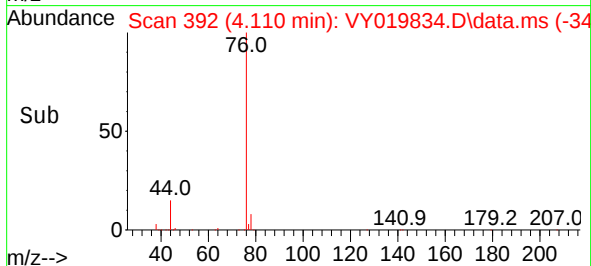
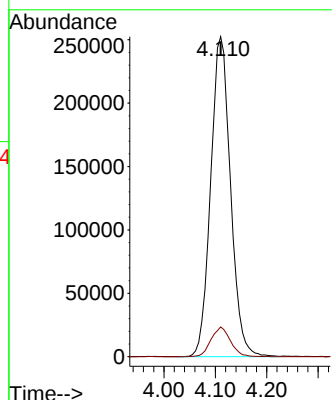
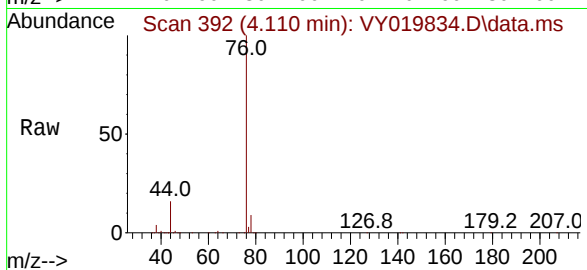
ClientSampleId :

Tgt Ion: 76 Resp: 676399

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 47.203 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY019834.D

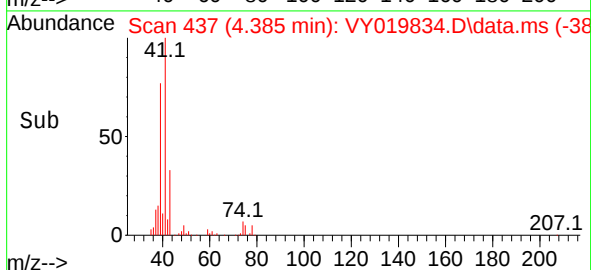
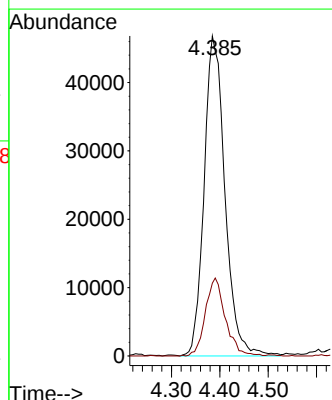
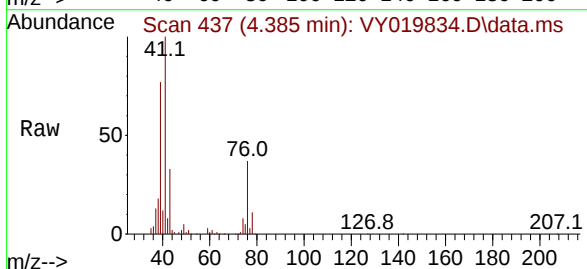
Acq: 09 Oct 2024 15:25

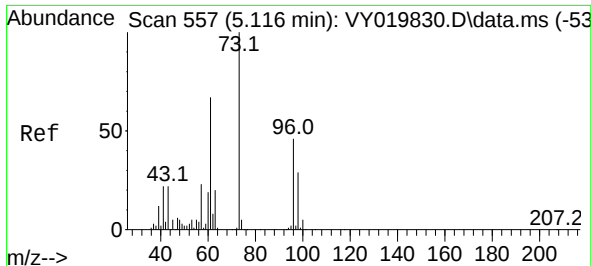
Tgt Ion: 43 Resp: 140374

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 48.940 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

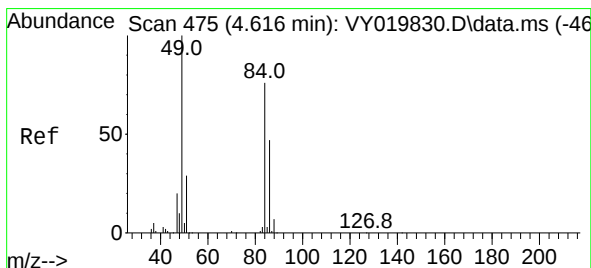
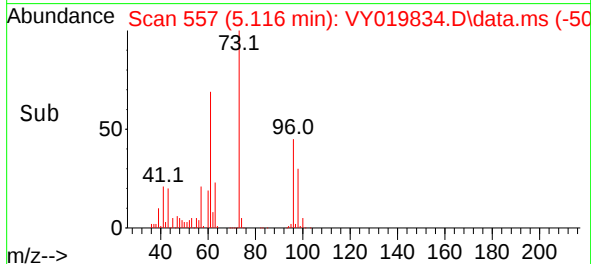
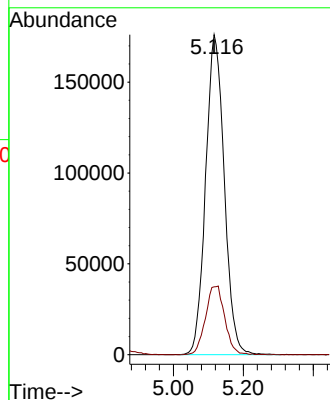
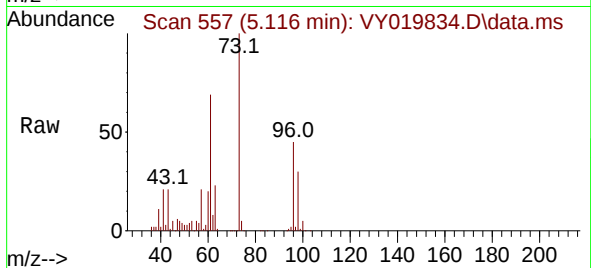
ClientSampleId :

Tgt Ion: 73 Resp: 649655

Ion Ratio Lower Upper

73 100

57 21.2 18.6 28.0



#20

Methylene Chloride

Concen: 46.817 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Tgt Ion: 84 Resp: 260836

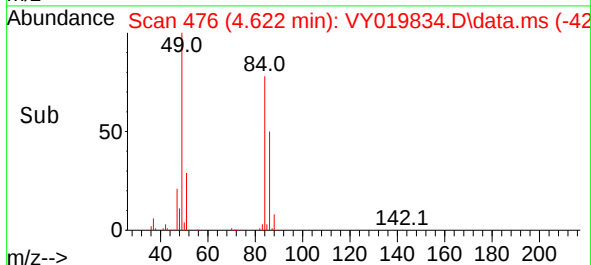
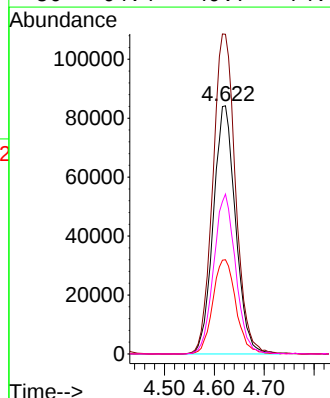
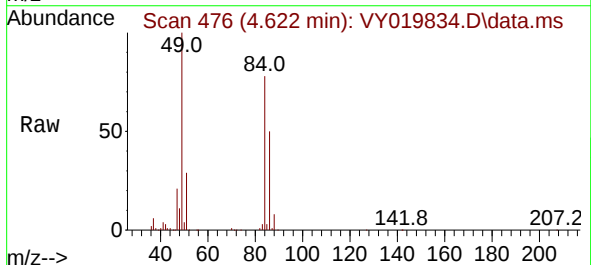
Ion Ratio Lower Upper

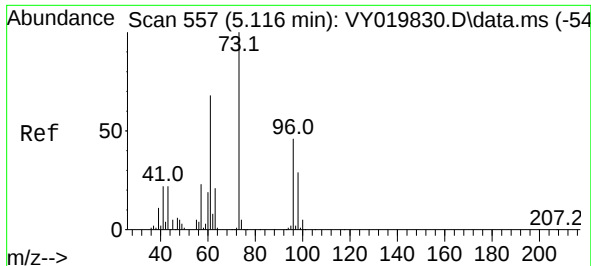
84 100

49 128.8 104.8 157.2

51 38.0 30.4 45.6

86 64.4 49.7 74.5

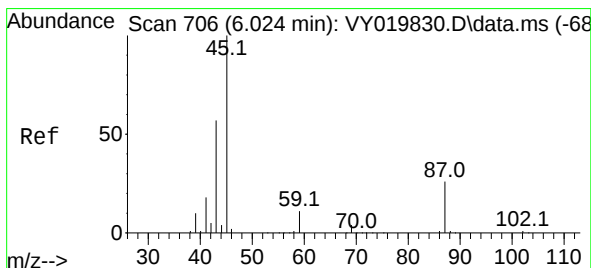
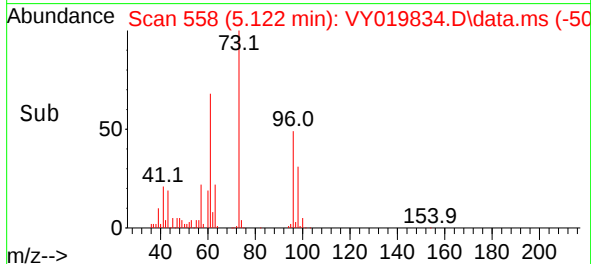
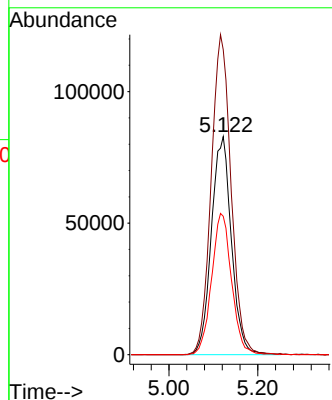
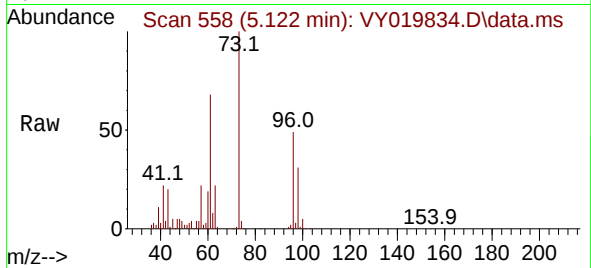




#21
trans-1,2-Dichloroethene
Concen: 51.561 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

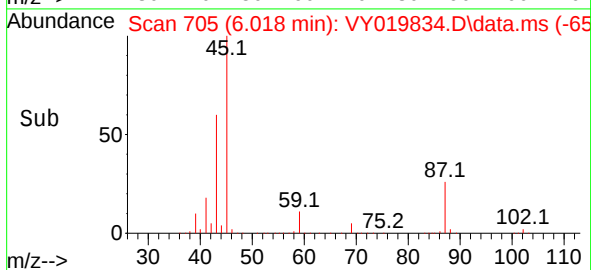
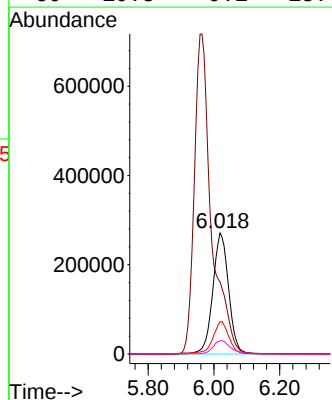
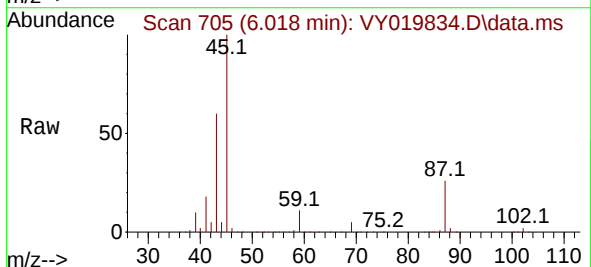
Instrument :
MSVOA_Y
ClientSampleId :

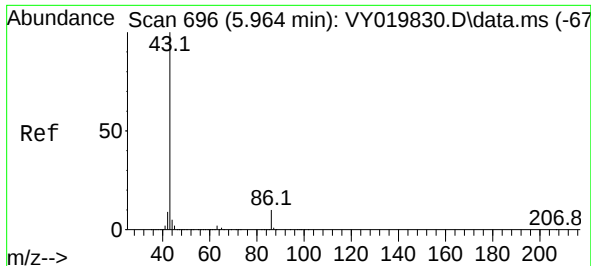
Tgt Ion: 96 Resp: 259294
Ion Ratio Lower Upper
96 100
61 139.8 117.9 176.9
98 63.4 51.0 76.4



#22
Diisopropyl ether
Concen: 49.699 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 45 Resp: 902486
Ion Ratio Lower Upper
45 100
43 59.4 45.4 68.0
87 26.4 21.1 31.7
59 10.8 9.1 13.7

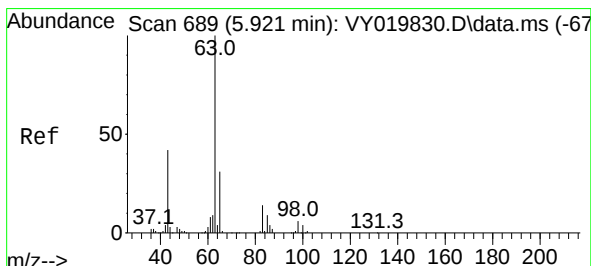
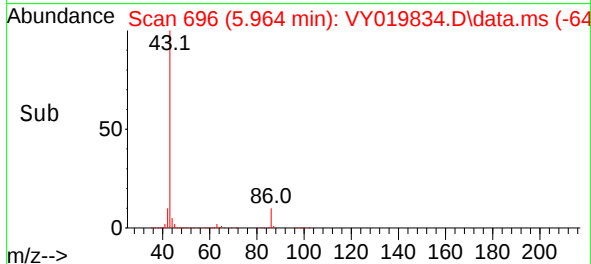
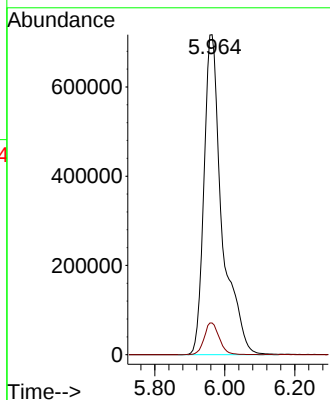
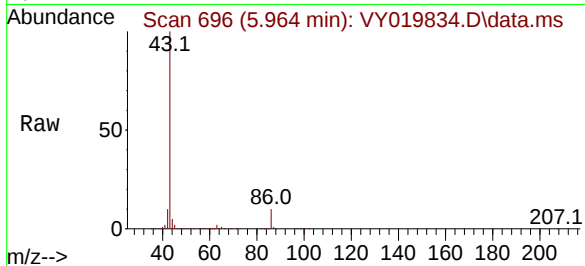




#23
 Vinyl Acetate
 Concen: 247.138 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY019834.D
 Acq: 09 Oct 2024 15:25

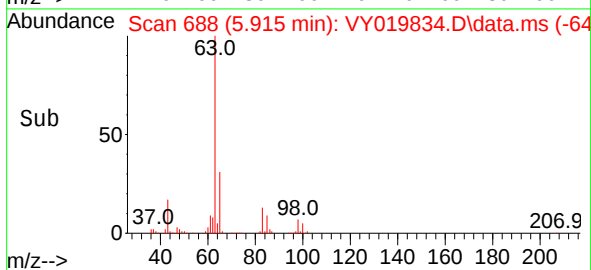
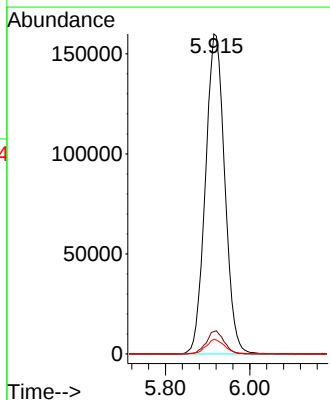
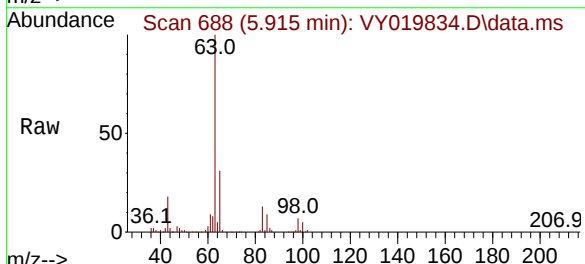
Instrument :
 MSVOA_Y
 ClientSampleId :

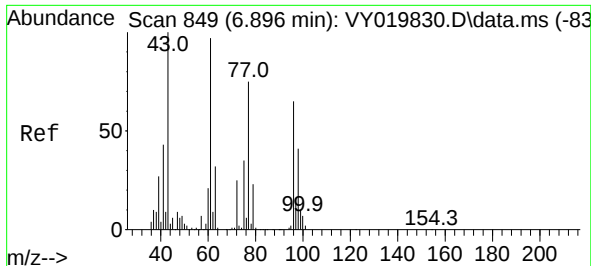
Tgt Ion: 43 Resp: 2572778
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.457 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY019834.D
 Acq: 09 Oct 2024 15:25

Tgt Ion: 63 Resp: 509324
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.2 9.6
 100 4.6 2.2 6.6

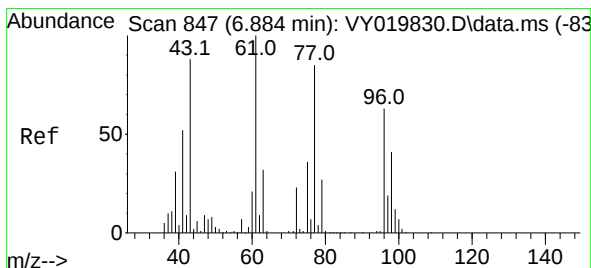
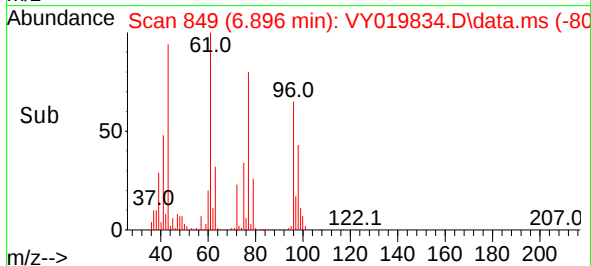
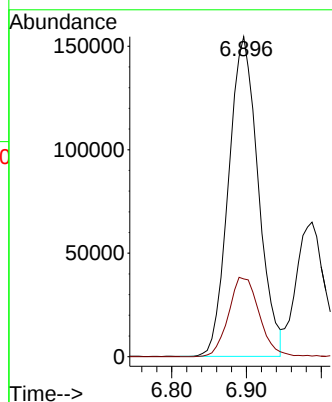
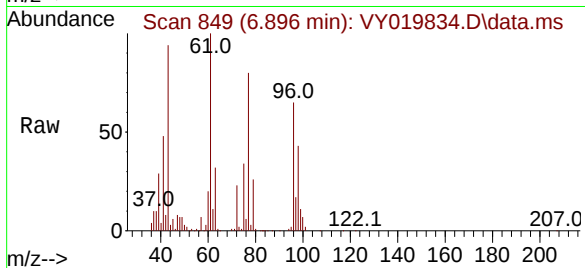




#25
2-Butanone
Concen: 230.290 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

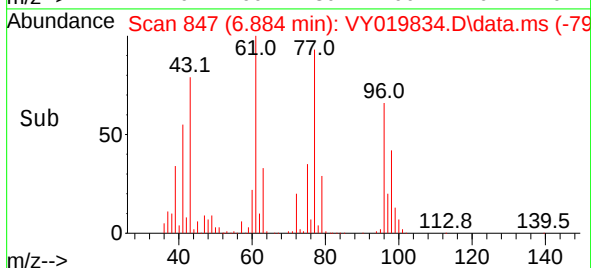
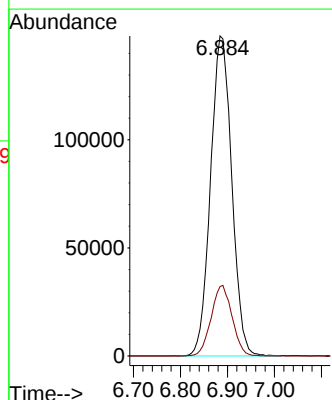
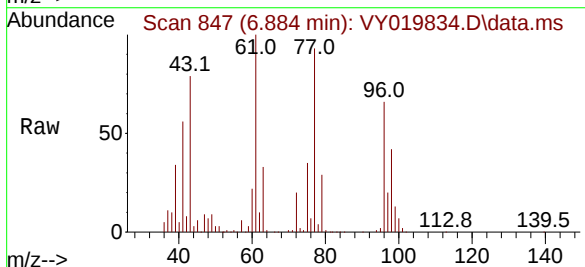
Instrument :
MSVOA_Y
ClientSampleId :

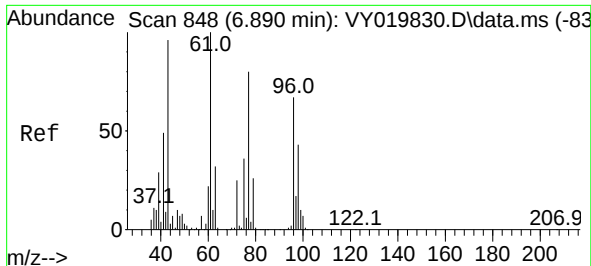
Tgt Ion: 43 Resp: 425540
Ion Ratio Lower Upper
43 100
72 24.3 19.8 29.6



#26
2,2-Dichloropropane
Concen: 51.590 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

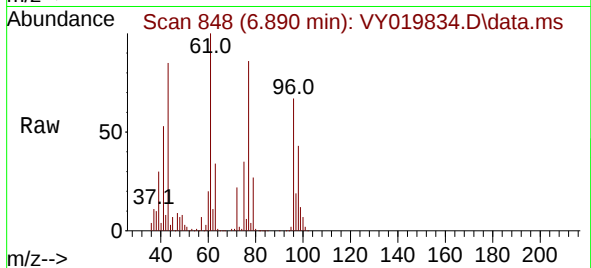
Tgt Ion: 77 Resp: 463783
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6



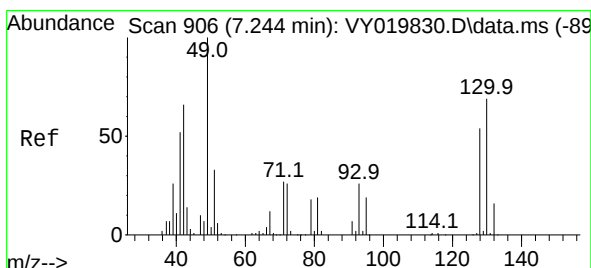
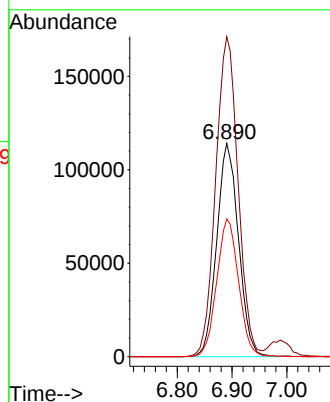
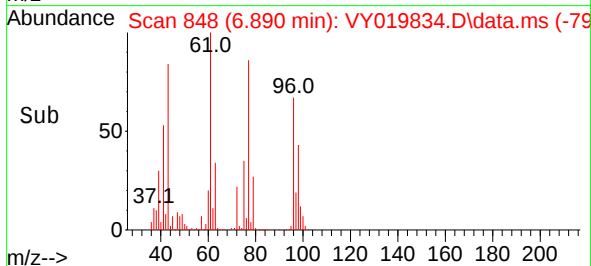


#27
 cis-1,2-Dichloroethene
 Concen: 50.626 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY019834.D
 Acq: 09 Oct 2024 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :

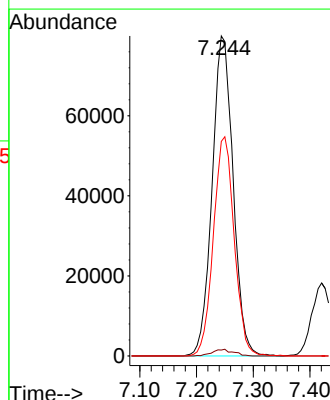
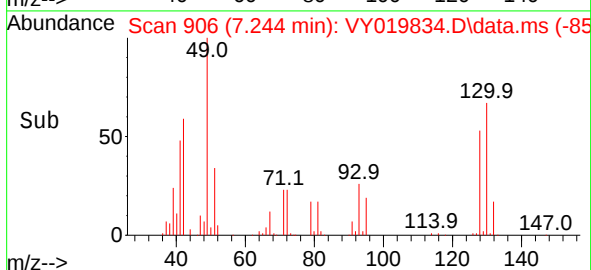
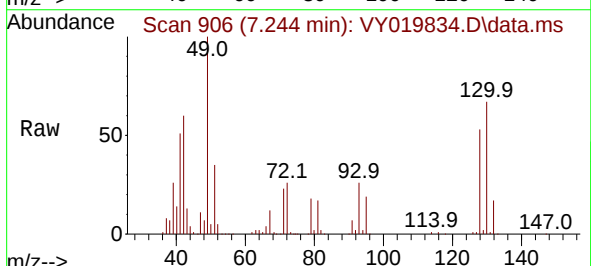


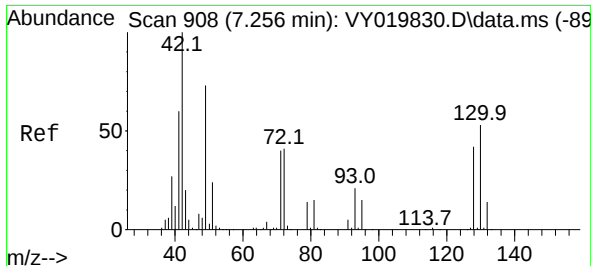
Tgt Ion: 96 Resp: 314625
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 311.4
 98 65.0 0.0 129.2



#28
 Bromochloromethane
 Concen: 46.231 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY019834.D
 Acq: 09 Oct 2024 15:25

Tgt Ion: 49 Resp: 205401
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 68.1 55.0 82.4

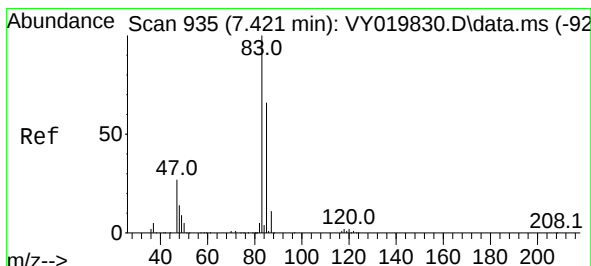
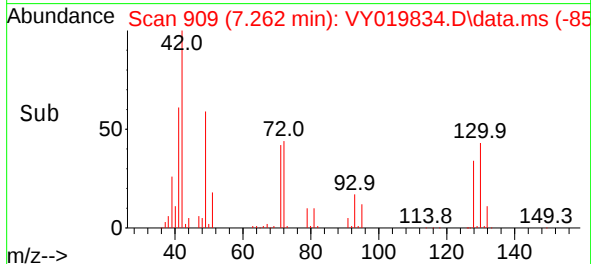
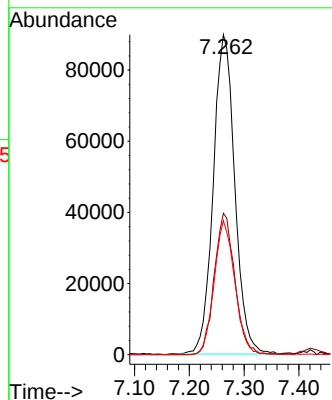
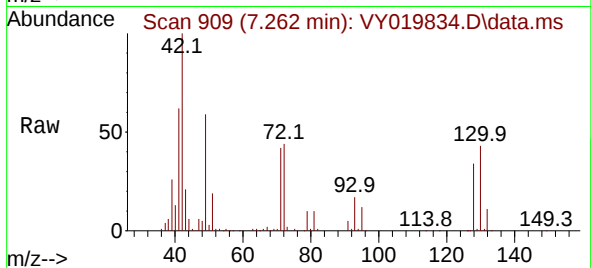




#29
Tetrahydrofuran
Concen: 232.566 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

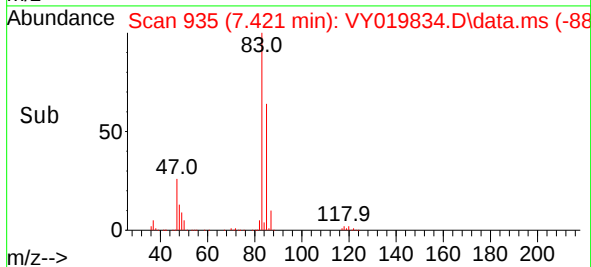
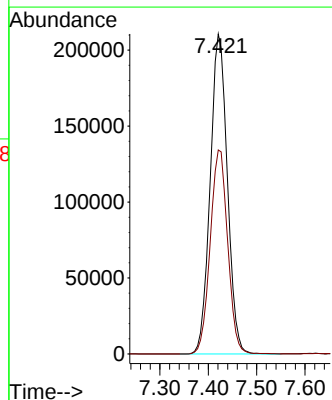
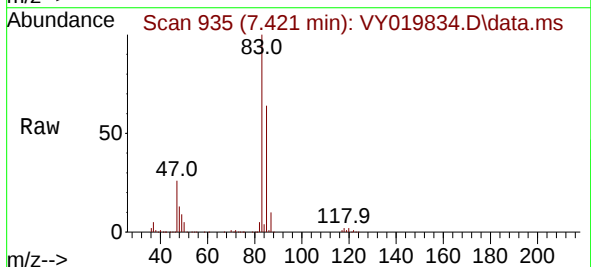
Instrument :
MSVOA_Y
ClientSampleId :

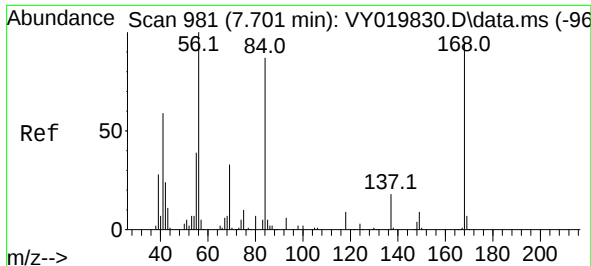
Tgt Ion: 42 Resp: 245375
Ion Ratio Lower Upper
42 100
72 42.3 33.4 50.0
71 40.2 31.6 47.4



#30
Chloroform
Concen: 50.403 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

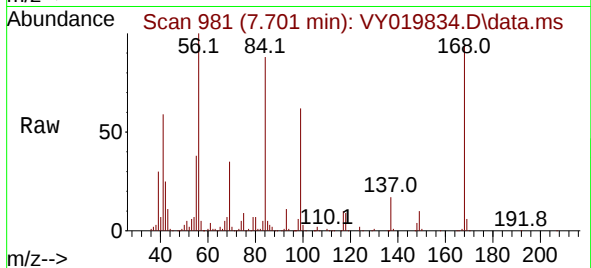
Tgt Ion: 83 Resp: 518647
Ion Ratio Lower Upper
83 100
85 63.8 52.7 79.1



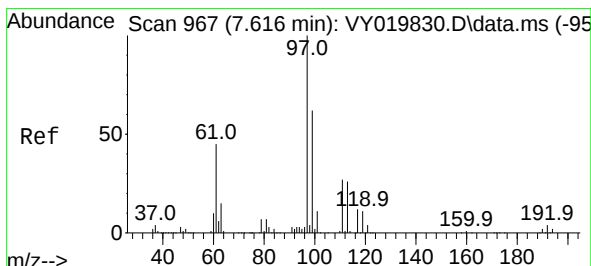
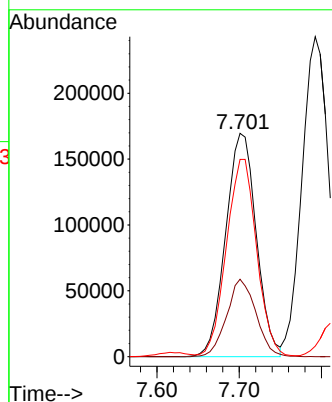
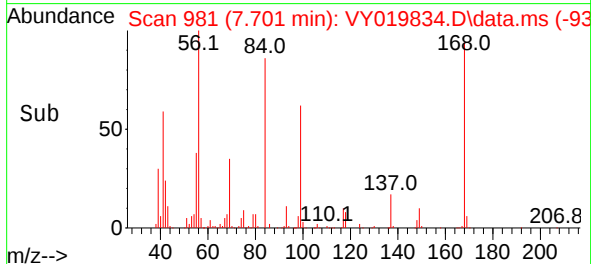


#31
Cyclohexane
Concen: 49.472 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

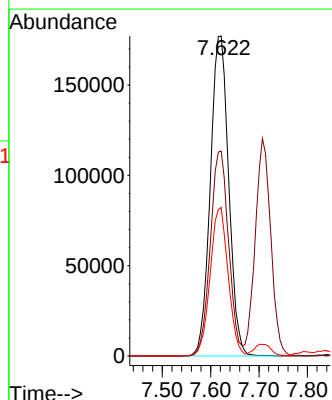
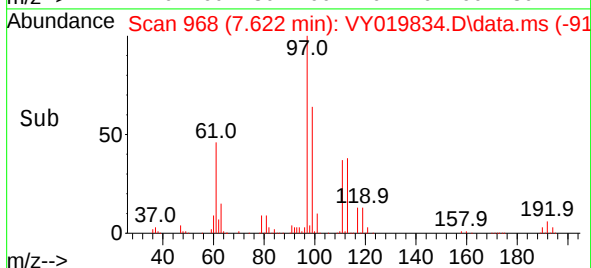
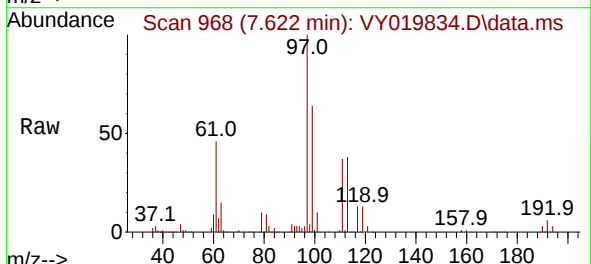


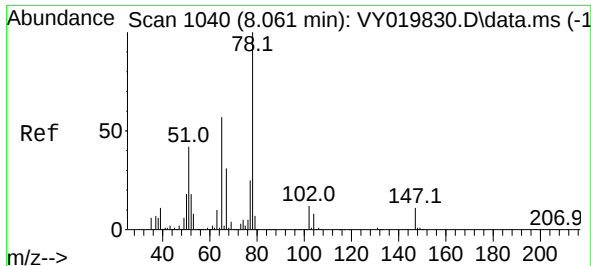
Tgt Ion: 56 Resp: 438371
Ion Ratio Lower Upper
56 100
69 34.7 26.6 39.8
84 86.6 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 51.773 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 97 Resp: 466878
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 44.124 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

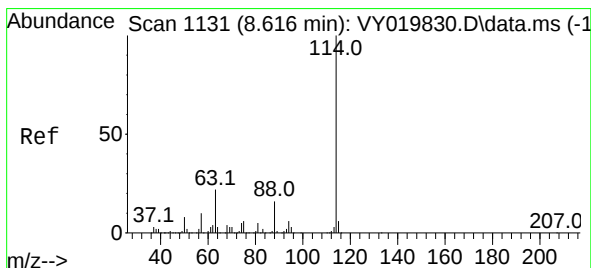
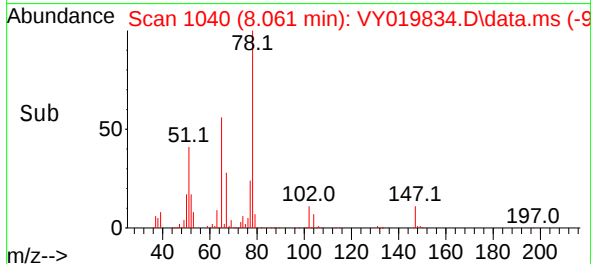
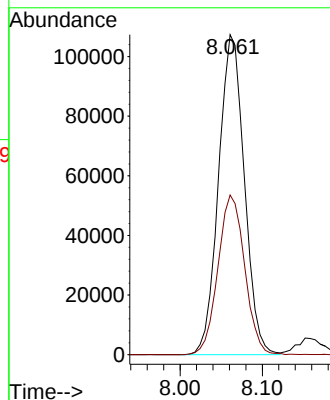
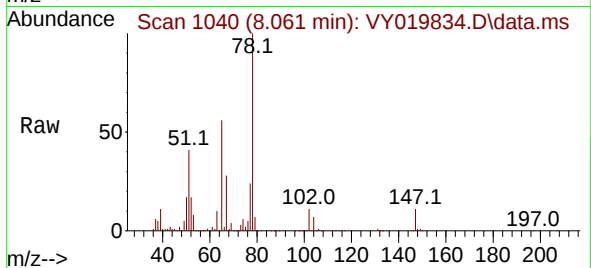
ClientSampleId :

Tgt Ion: 65 Resp: 233998

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

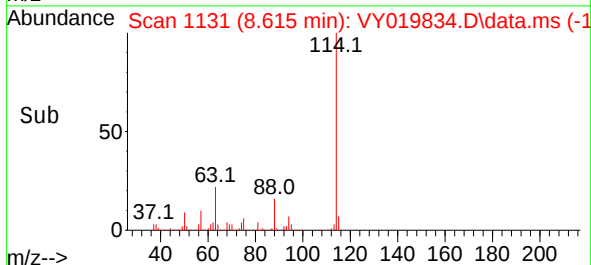
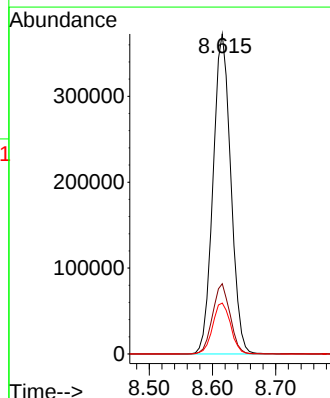
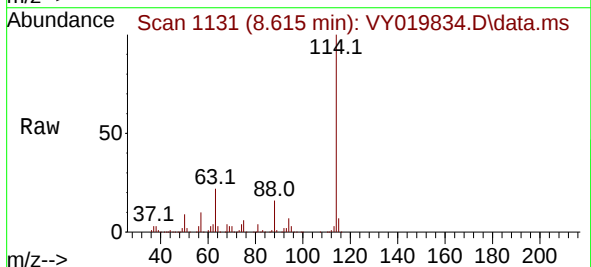
Tgt Ion:114 Resp: 723884

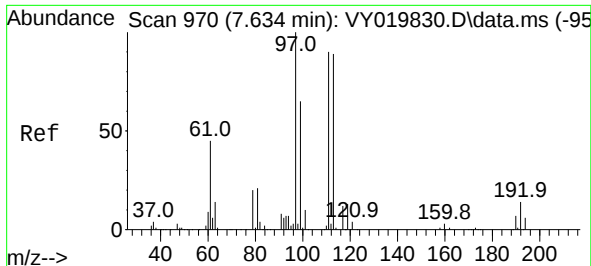
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.744 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

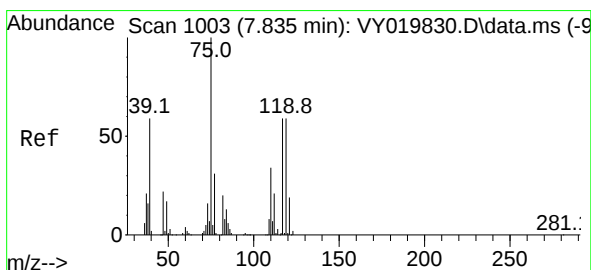
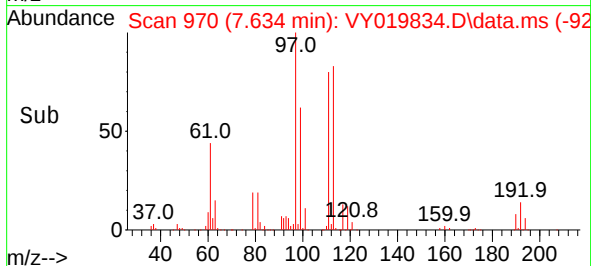
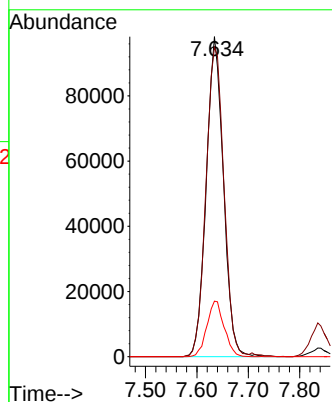
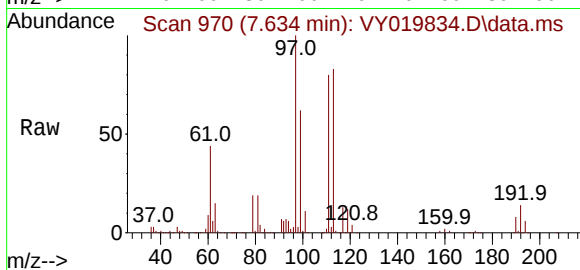
Tgt Ion:113 Resp: 228064

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

192 17.5 13.6 20.4



#36

1,1-Dichloropropene

Concen: 54.265 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

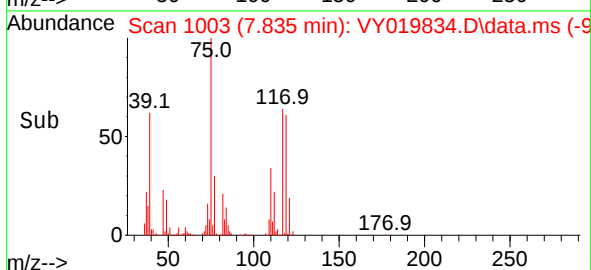
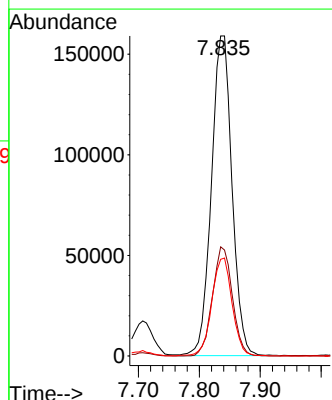
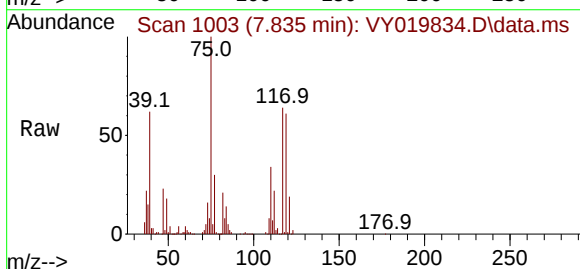
Tgt Ion: 75 Resp: 373449

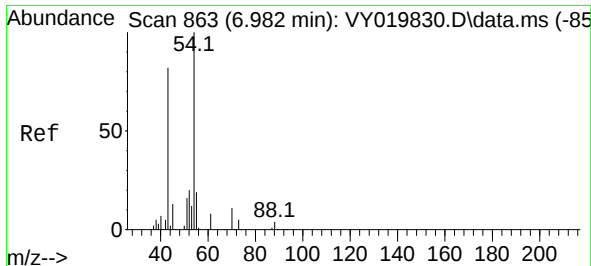
Ion Ratio Lower Upper

75 100

110 32.9 16.6 49.8

77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 49.310 ug/l

RT: 6.988 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

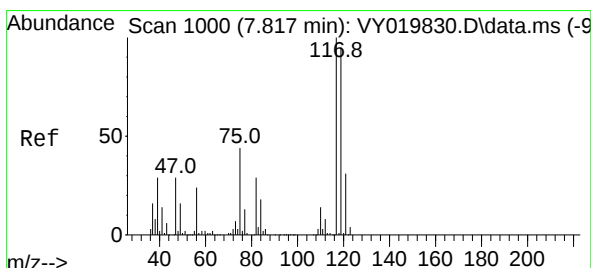
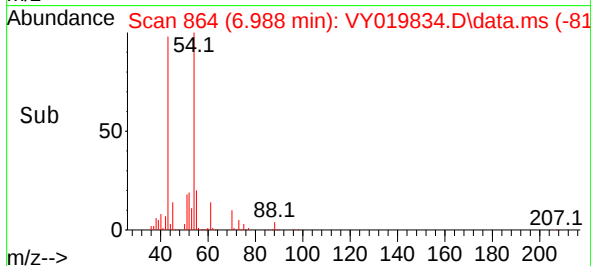
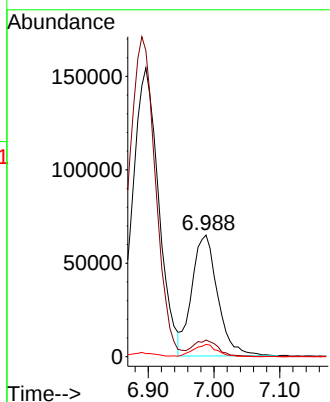
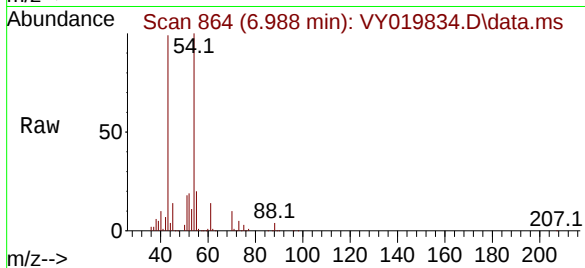
Tgt Ion: 43 Resp: 176947

Ion Ratio Lower Upper

43 100

61 13.4 10.9 16.3

70 9.4 7.6 11.4



#38

Carbon Tetrachloride

Concen: 54.980 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

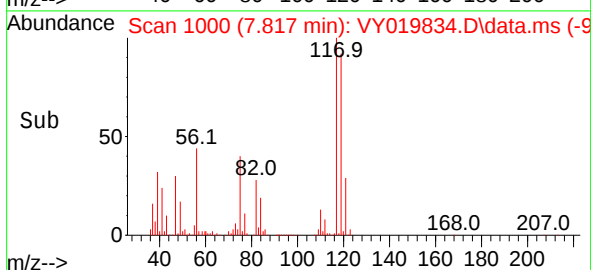
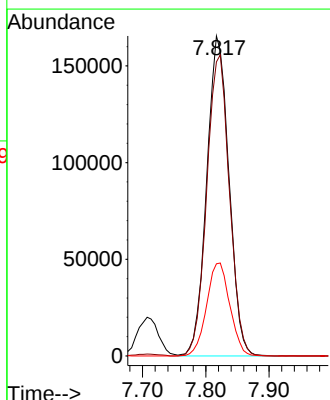
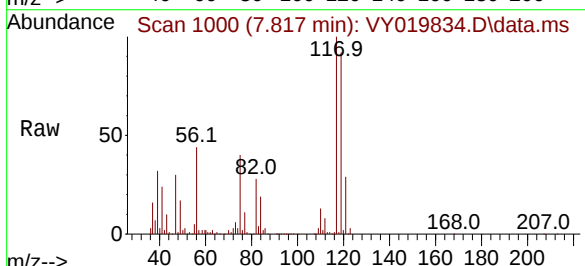
Tgt Ion:117 Resp: 405617

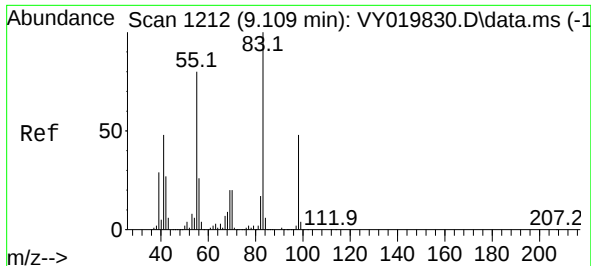
Ion Ratio Lower Upper

117 100

119 91.9 76.2 114.4

121 28.8 25.0 37.4





#39

Methylcyclohexane

Concen: 53.828 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

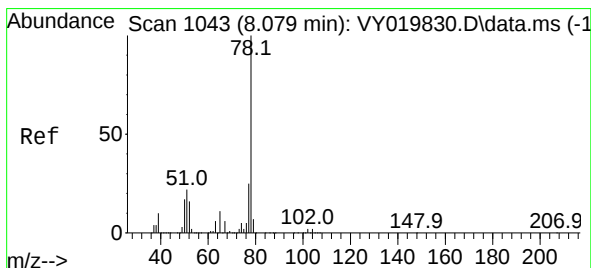
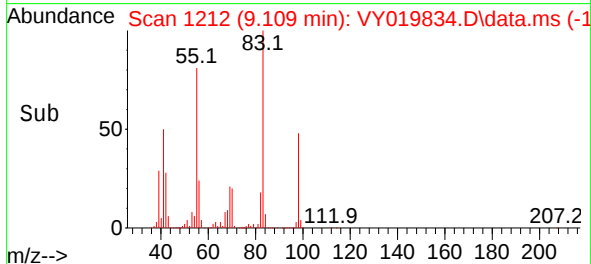
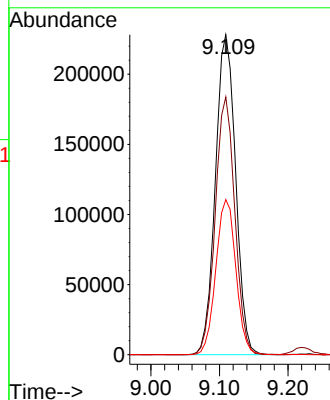
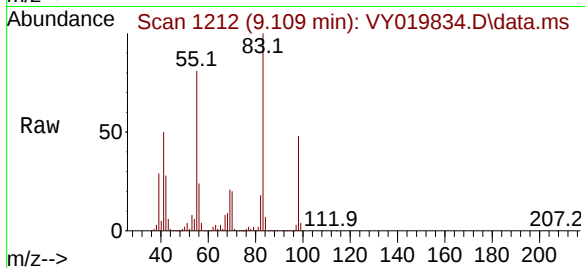
Tgt Ion: 83 Resp: 466748

Ion Ratio Lower Upper

83 100

55 80.5 63.7 95.5

98 48.4 38.3 57.5



#40

Benzene

Concen: 52.558 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY019834.D

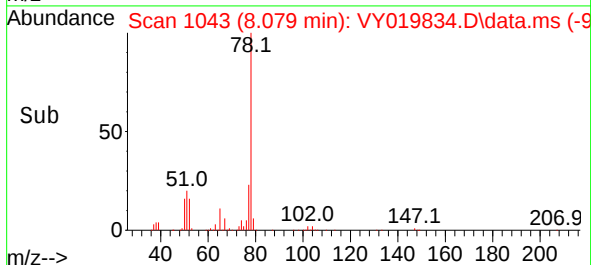
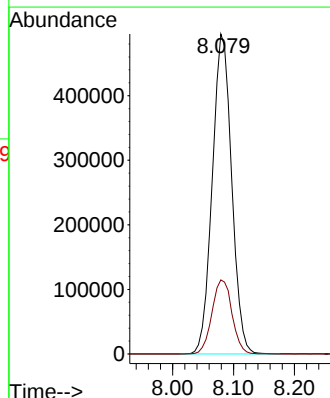
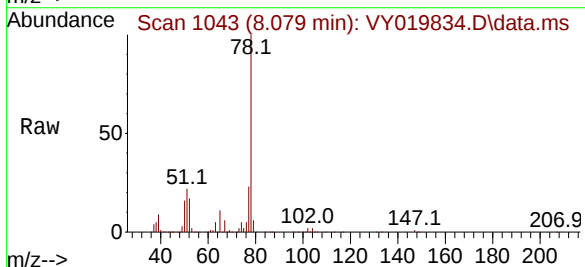
Acq: 09 Oct 2024 15:25

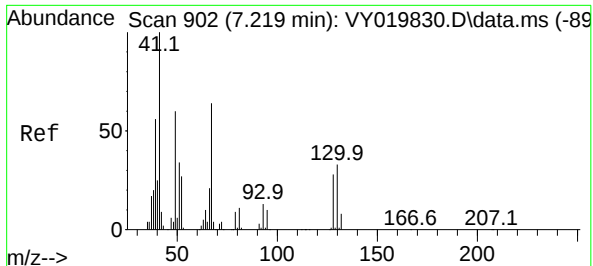
Tgt Ion: 78 Resp: 1094650

Ion Ratio Lower Upper

78 100

77 23.2 19.6 29.4

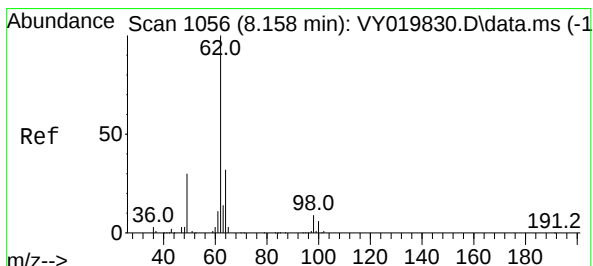
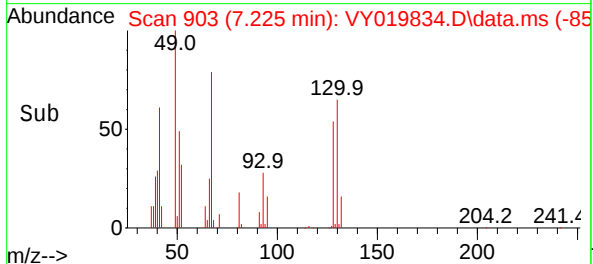
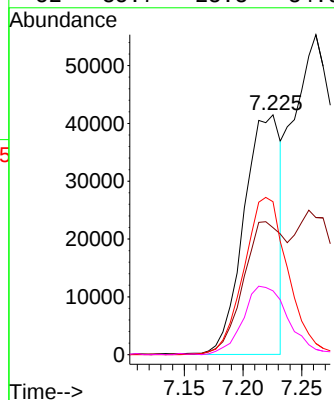
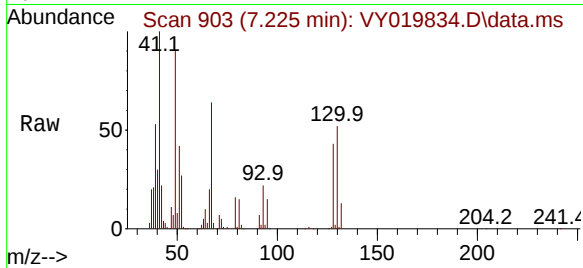




#41
Methacrylonitrile
Concen: 46.363 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

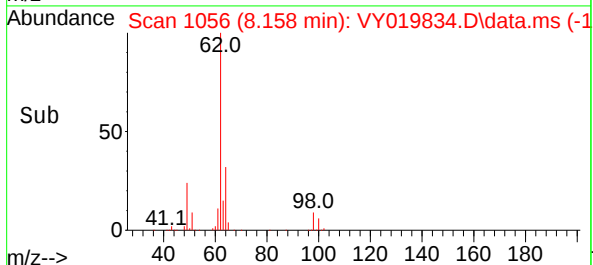
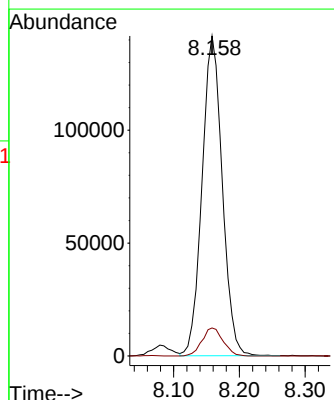
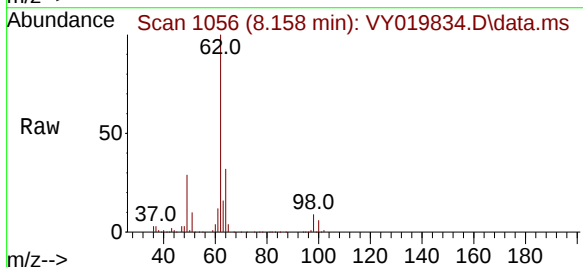
Instrument :
MSVOA_Y
ClientSampleId :

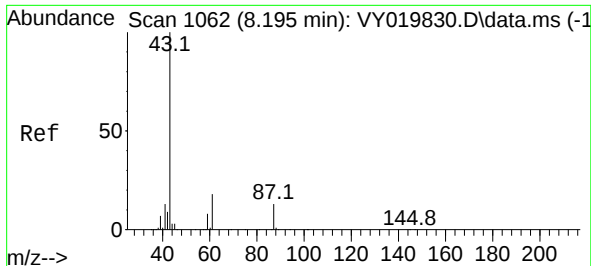
Tgt Ion: 41 Resp: 90045
Ion Ratio Lower Upper
41 100
39 63.2 43.9 65.9
67 79.9 53.2 79.8#
52 35.7 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 50.649 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 62 Resp: 303059
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8





#43

Isopropyl Acetate

Concen: 49.295 ug/l

RT: 8.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

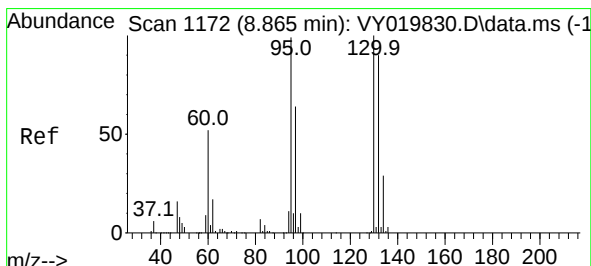
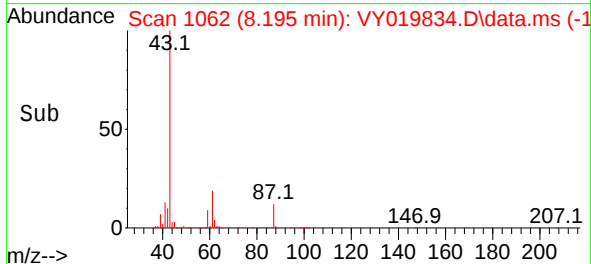
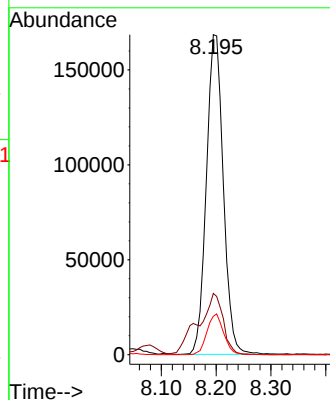
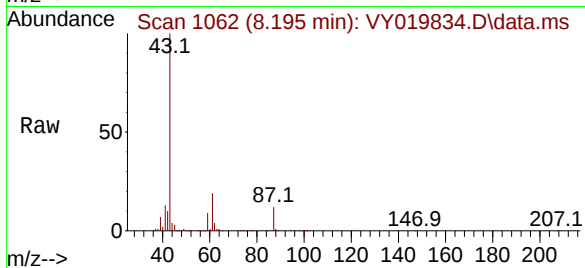
Tgt Ion: 43 Resp: 360757

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

87 12.6 9.9 14.9



#44

Trichloroethene

Concen: 53.156 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY019834.D

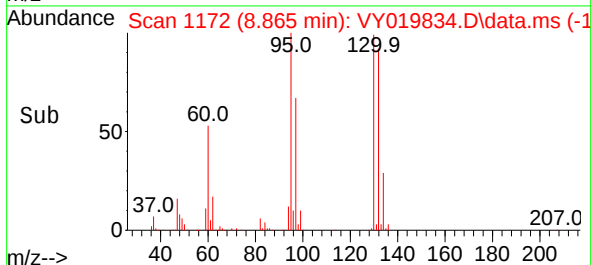
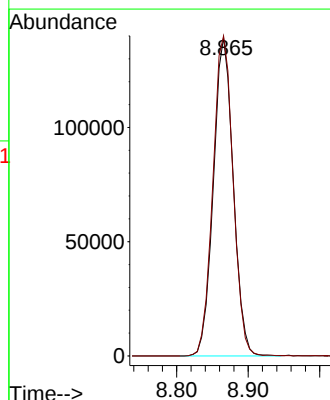
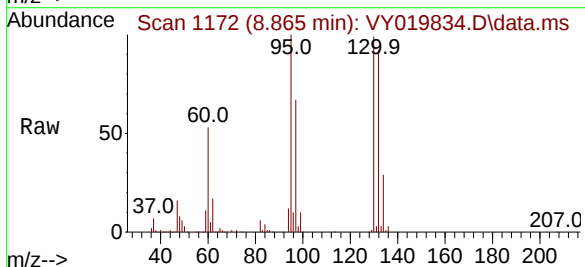
Acq: 09 Oct 2024 15:25

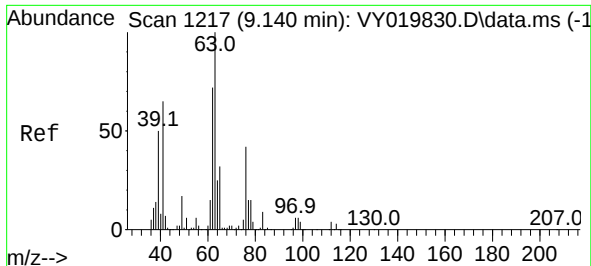
Tgt Ion:130 Resp: 268143

Ion Ratio Lower Upper

130 100

95 100.6 0.0 197.2

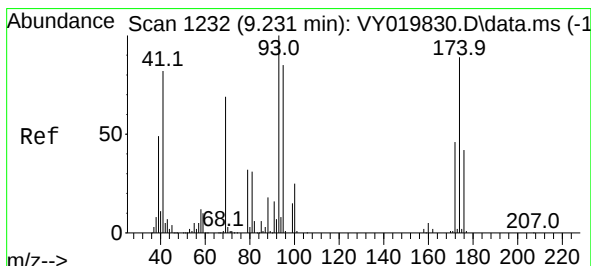
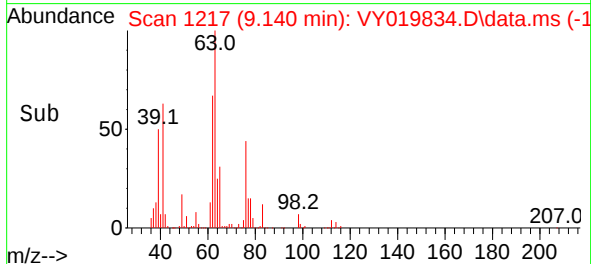
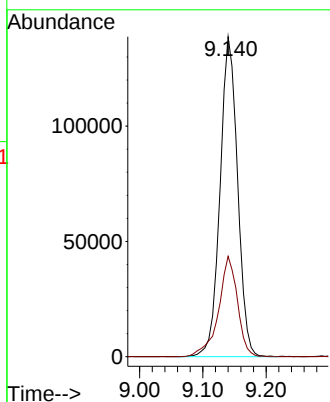
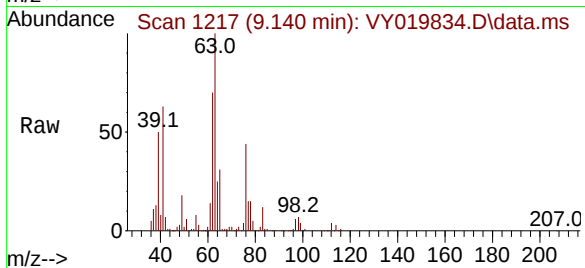




#45
1,2-Dichloropropane
Concen: 51.112 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

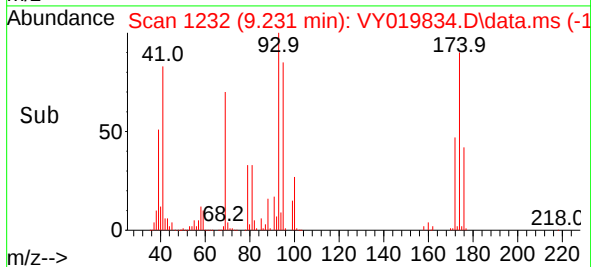
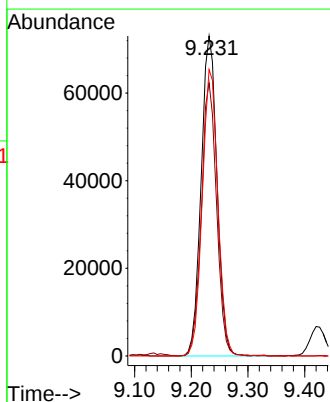
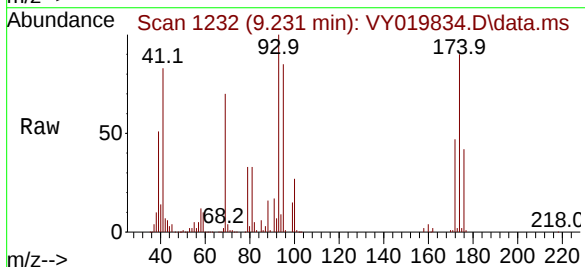
Instrument :
MSVOA_Y
ClientSampleId :

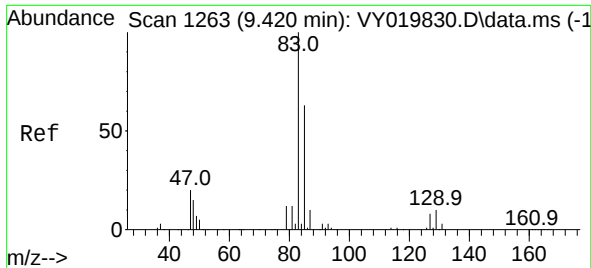
Tgt Ion: 63 Resp: 266447
Ion Ratio Lower Upper
63 100
65 31.3 25.6 38.4



#46
Dibromomethane
Concen: 49.874 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

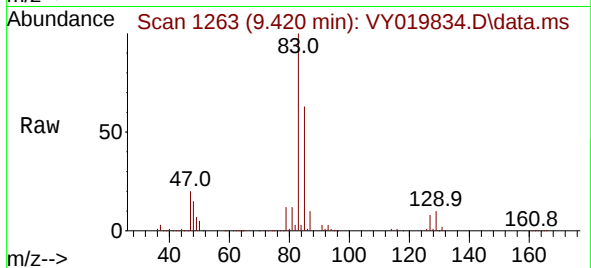
Tgt Ion: 93 Resp: 142048
Ion Ratio Lower Upper
93 100
95 82.1 65.4 98.2
174 88.2 70.4 105.6



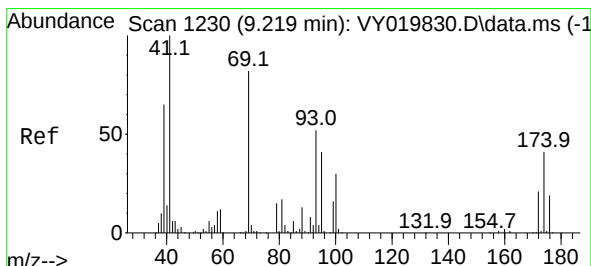
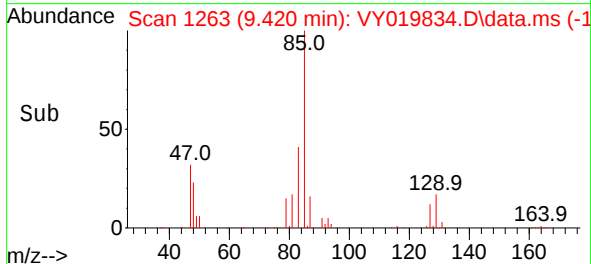
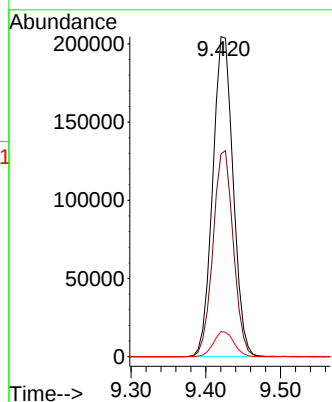


#47
Bromodichloromethane
Concen: 51.464 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

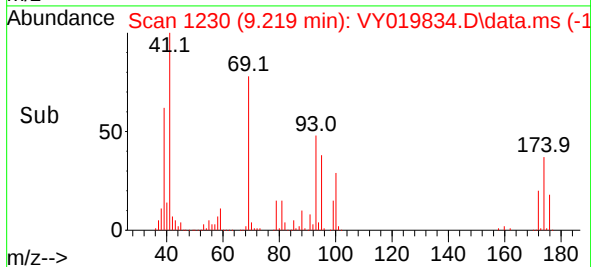
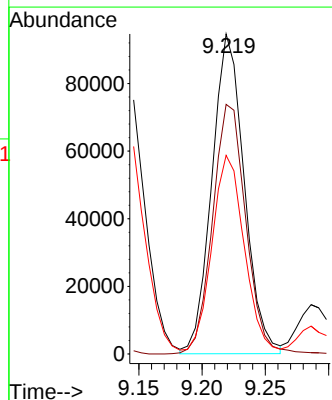
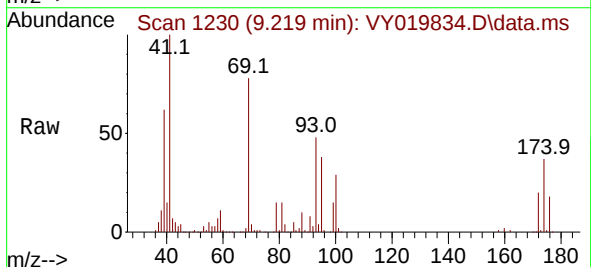


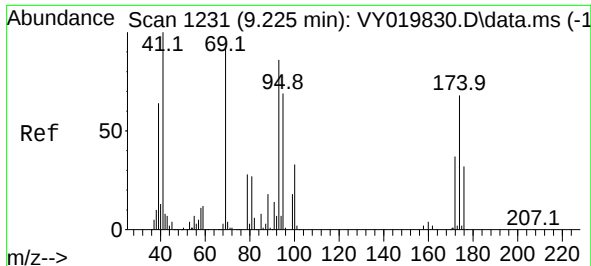
Tgt Ion: 83 Resp: 389060
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 52.201 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 41 Resp: 168043
Ion Ratio Lower Upper
41 100
69 80.6 66.3 99.5
39 60.3 50.2 75.4

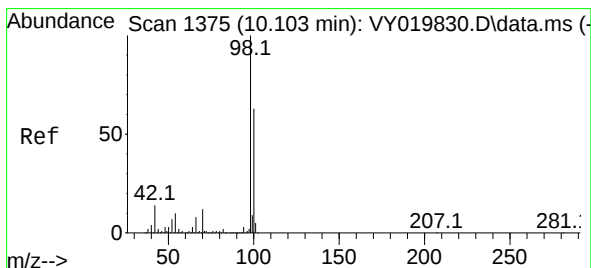
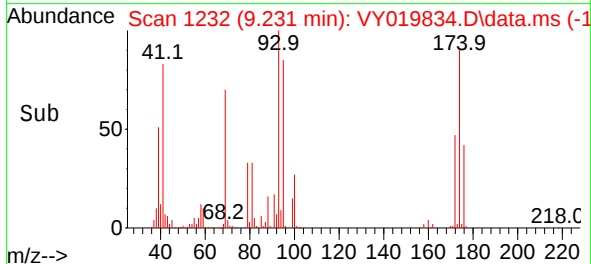
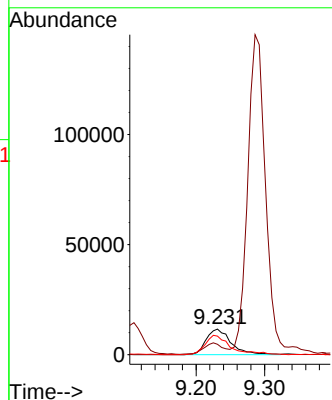
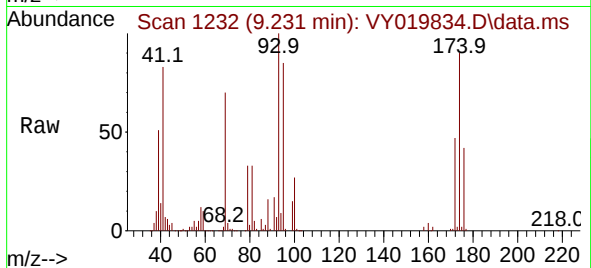




#49
1,4-Dioxane
Concen: 925.169 ug/l
RT: 9.231 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

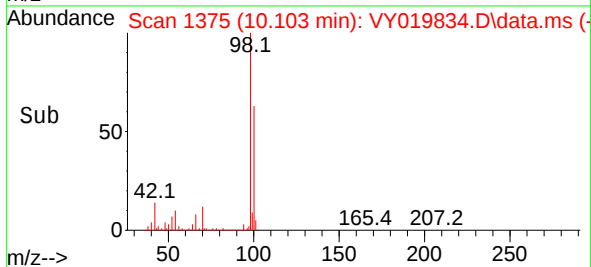
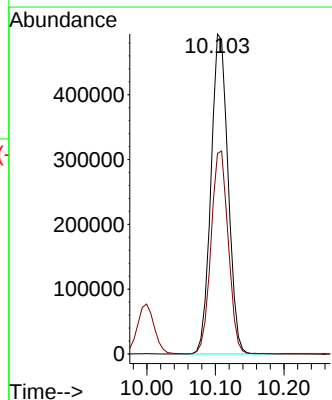
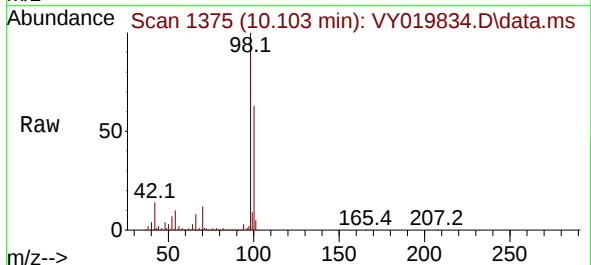
Instrument :
MSVOA_Y
ClientSampleId :

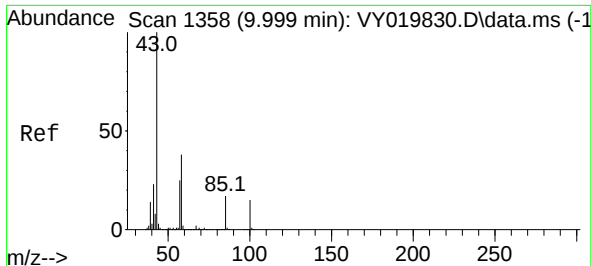
Tgt Ion: 88 Resp: 29492
Ion Ratio Lower Upper
88 100
43 36.0 28.5 42.7
58 77.0 52.6 78.8



#50
Toluene-d8
Concen: 48.506 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 98 Resp: 855648
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

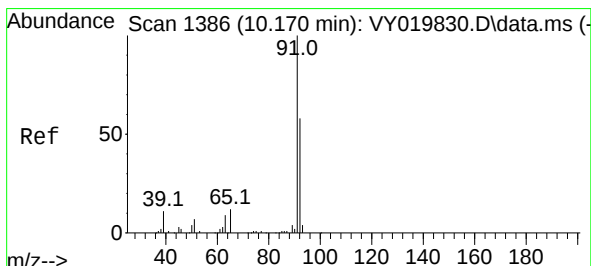
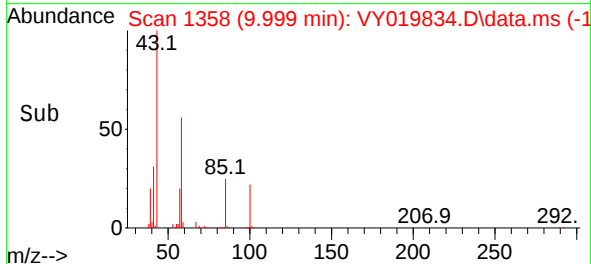
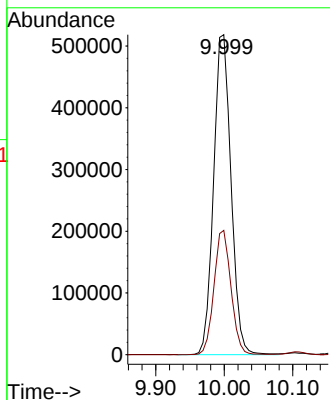
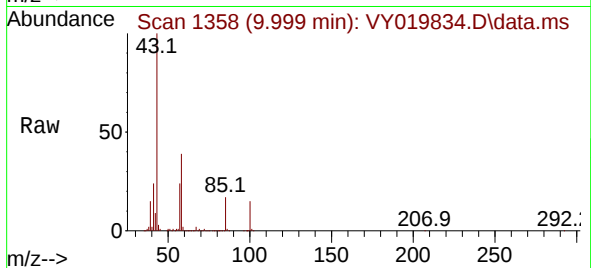




#51
4-Methyl-2-Pentanone
Concen: 244.646 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

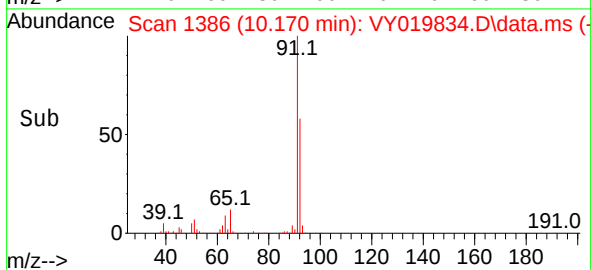
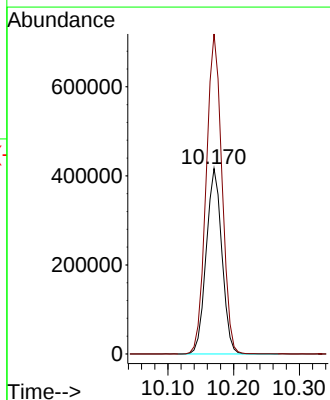
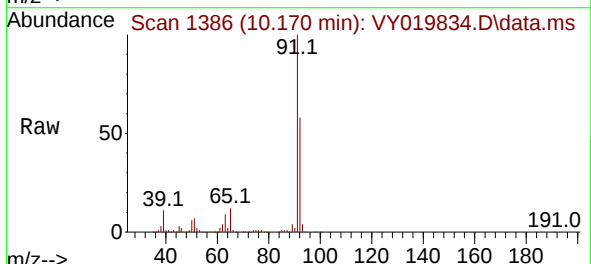
Instrument :
MSVOA_Y
ClientSampleId :

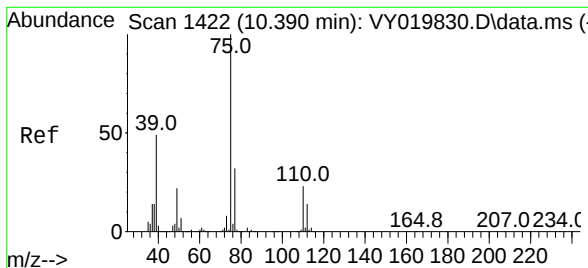
Tgt Ion: 43 Resp: 913222
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 52.969 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 92 Resp: 688634
Ion Ratio Lower Upper
92 100
91 174.3 139.2 208.8

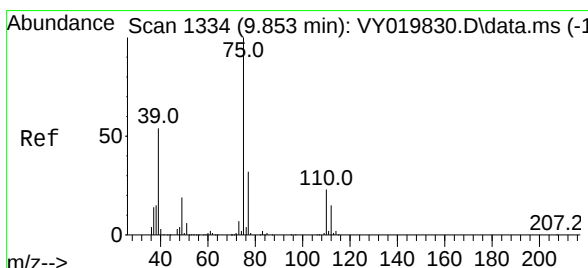
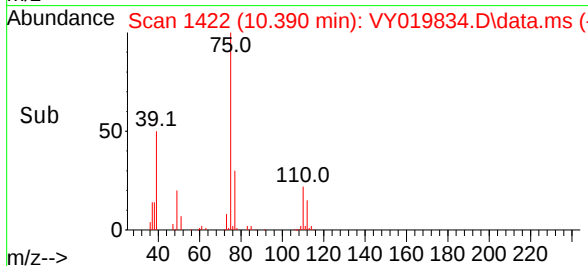
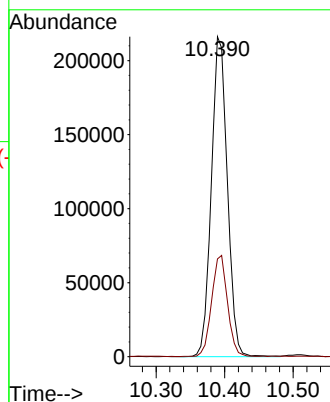
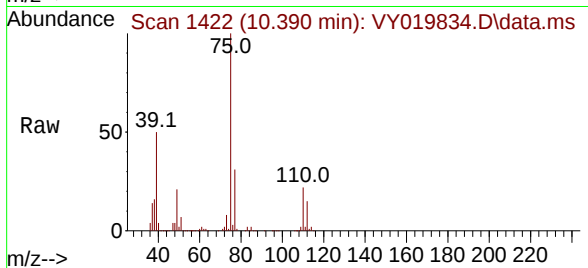




#53
t-1,3-Dichloropropene
Concen: 51.505 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

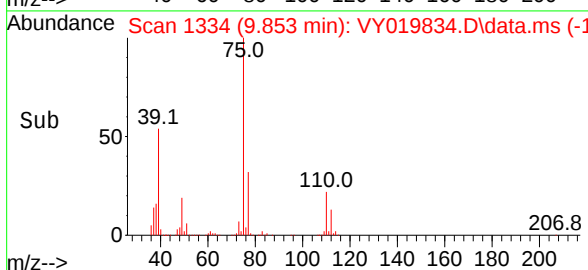
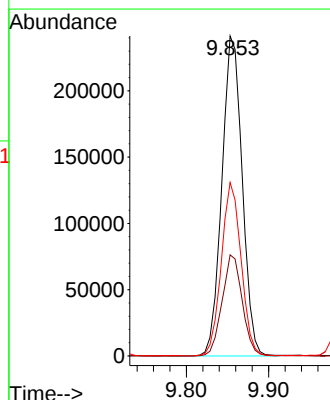
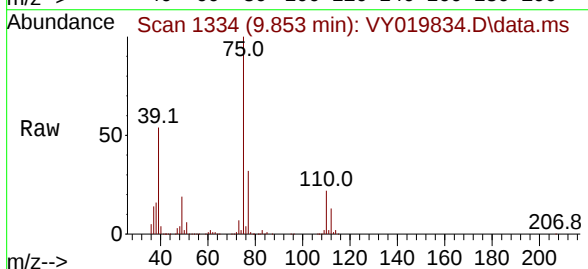
Instrument :
MSVOA_Y
ClientSampleId :

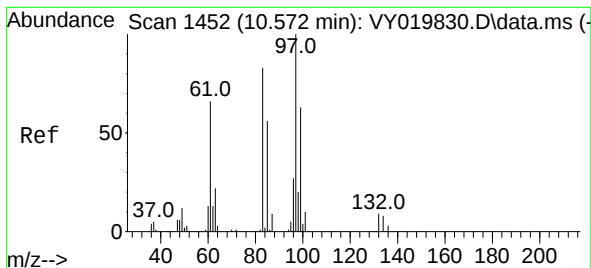
Tgt Ion: 75 Resp: 350338
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.692 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 75 Resp: 414888
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 54.1 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 50.235 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 188507

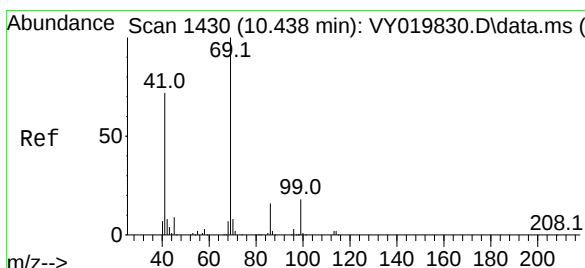
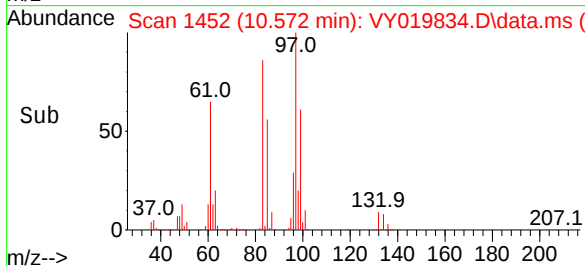
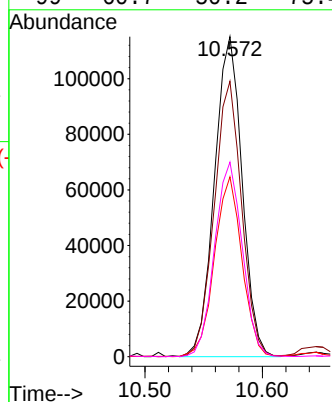
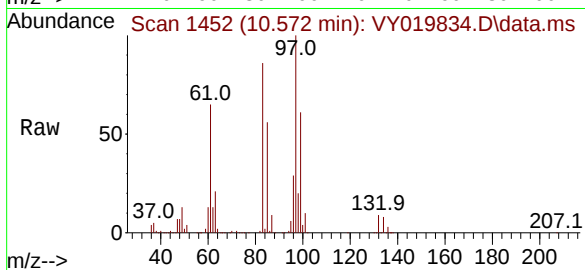
Ion Ratio Lower Upper

97 100

83 85.9 66.7 100.1

85 56.1 45.0 67.4

99 60.7 50.2 75.4



#56

Ethyl methacrylate

Concen: 51.494 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

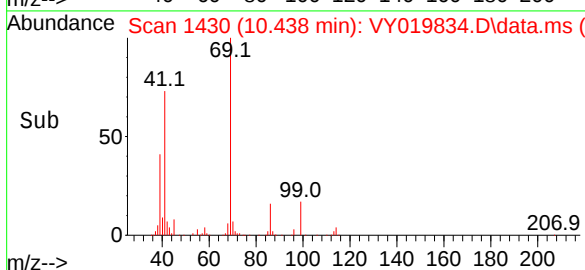
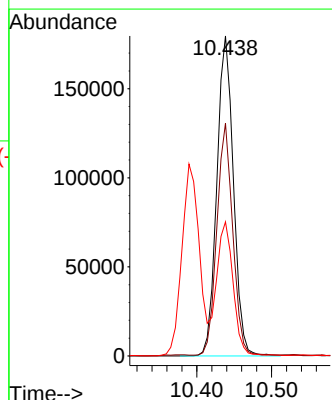
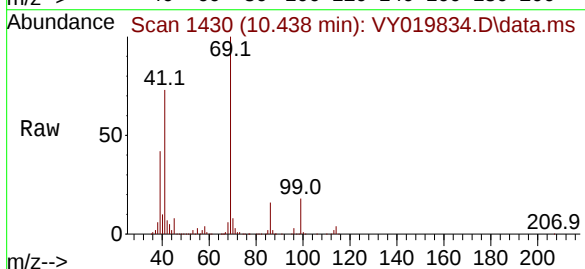
Tgt Ion: 69 Resp: 277264

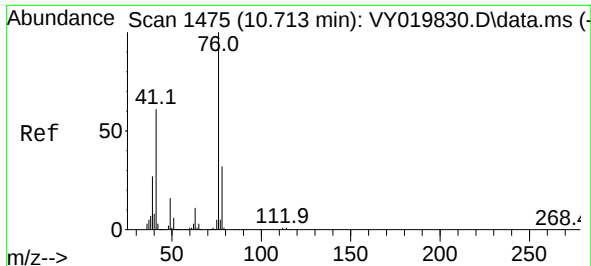
Ion Ratio Lower Upper

69 100

41 69.3 55.2 82.8

39 41.9 33.0 49.4





#57

1,3-Dichloropropane

Concen: 49.749 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

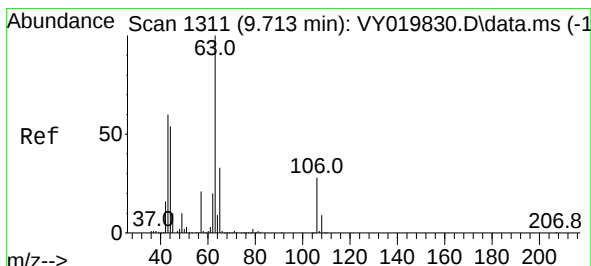
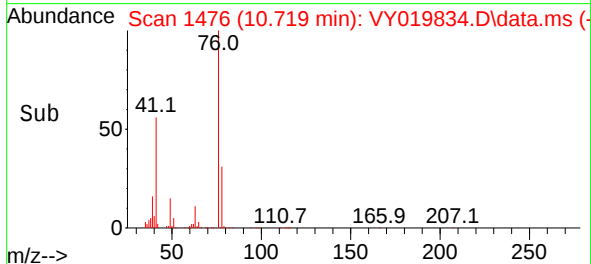
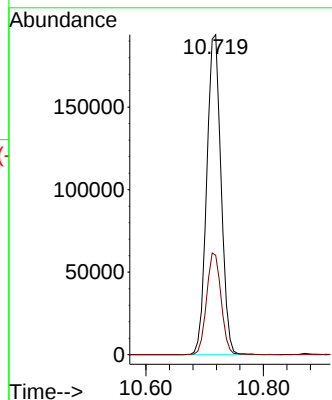
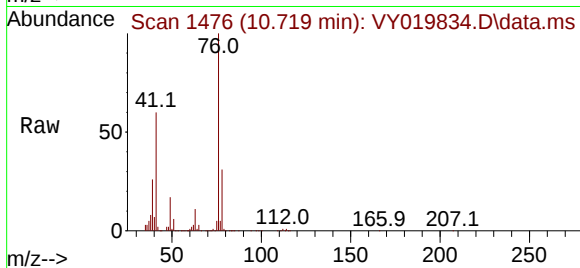
ClientSampleId :

Tgt Ion: 76 Resp: 327837

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 236.595 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019834.D

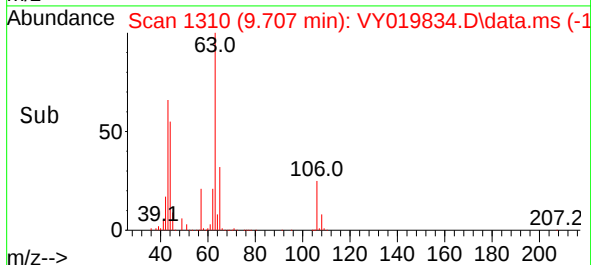
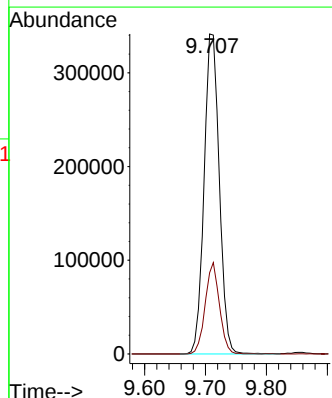
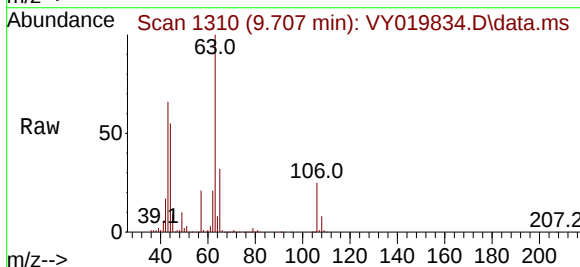
Acq: 09 Oct 2024 15:25

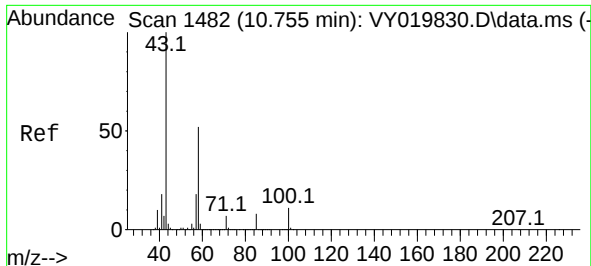
Tgt Ion: 63 Resp: 593052

Ion Ratio Lower Upper

63 100

106 26.6 21.7 32.5





#59

2-Hexanone

Concen: 247.056 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

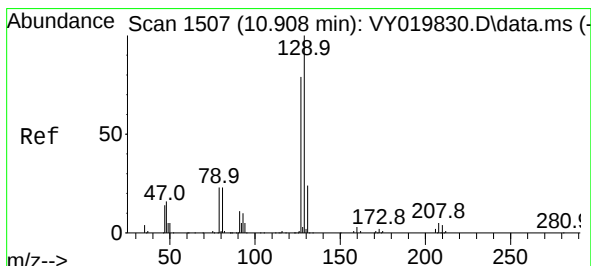
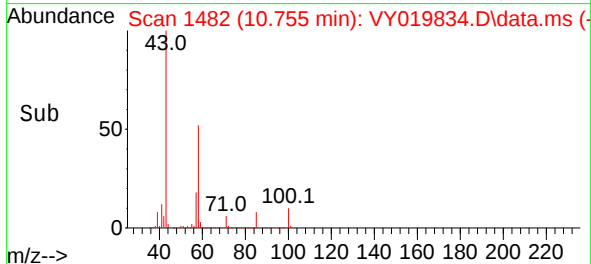
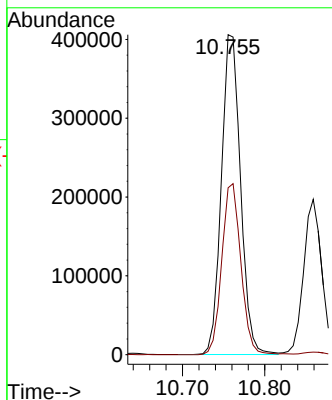
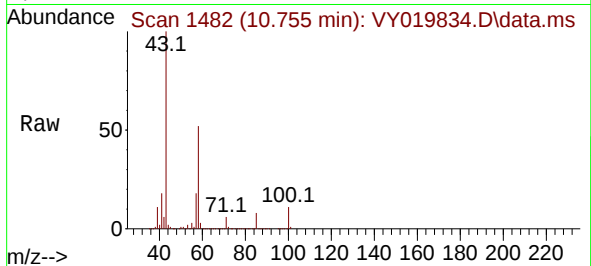
ClientSampleId :

Tgt Ion: 43 Resp: 658677

Ion Ratio Lower Upper

43 100

58 53.4 26.4 79.2



#60

Dibromochloromethane

Concen: 50.287 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VY019834.D

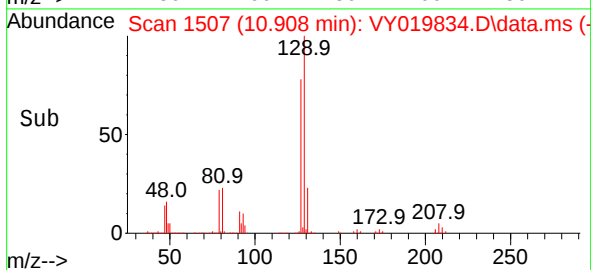
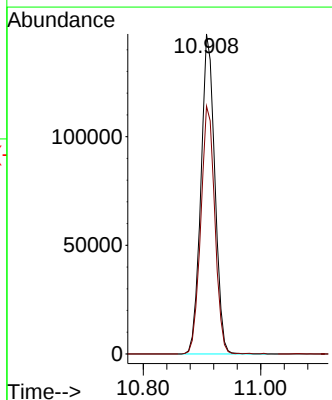
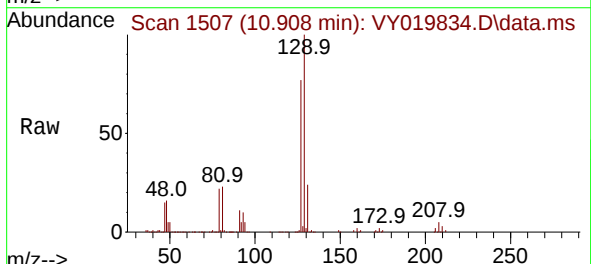
Acq: 09 Oct 2024 15:25

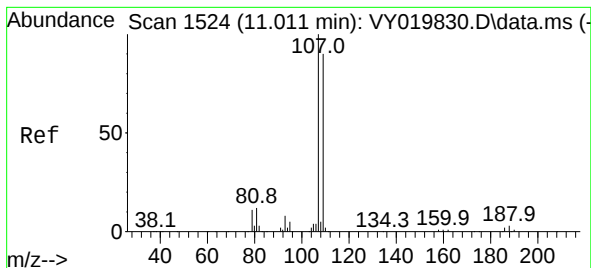
Tgt Ion: 129 Resp: 242202

Ion Ratio Lower Upper

129 100

127 78.1 39.5 118.5

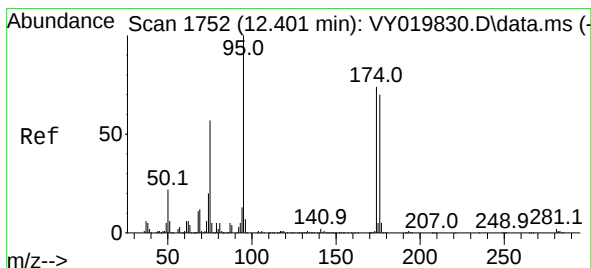
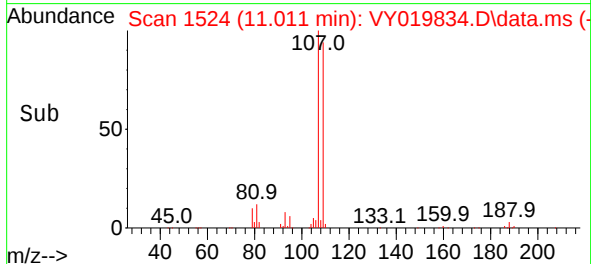
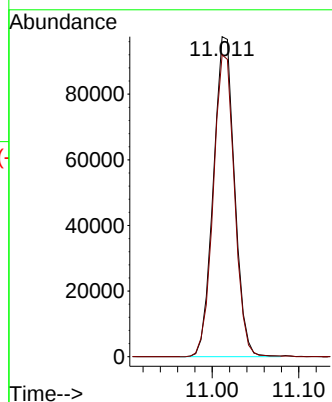
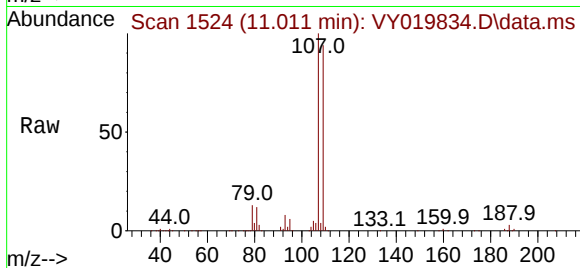




#61
1,2-Dibromoethane
Concen: 48.934 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

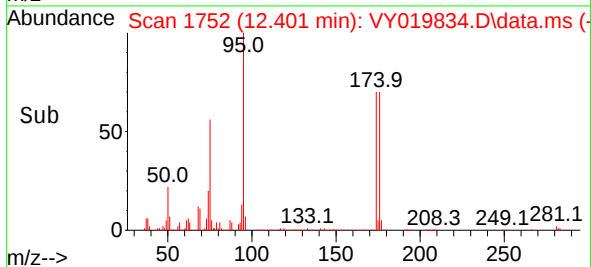
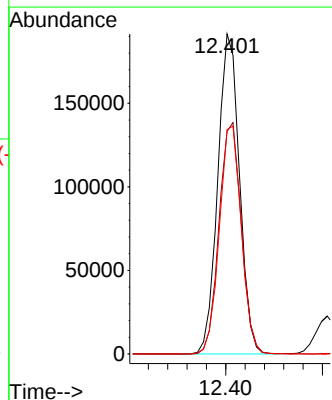
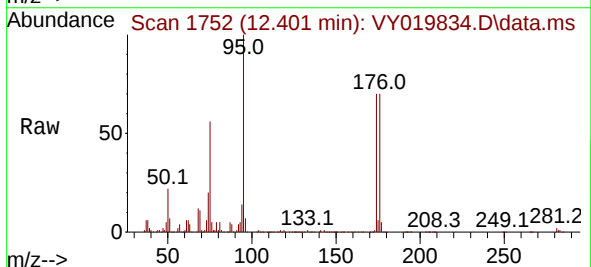
Instrument :
MSVOA_Y
ClientSampleId :

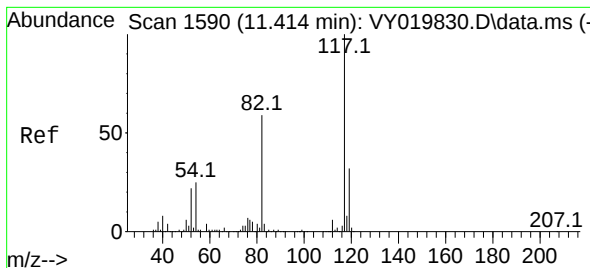
Tgt Ion:107 Resp: 165931
Ion Ratio Lower Upper
107 100
109 94.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 95 Resp: 297494
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 72.0 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

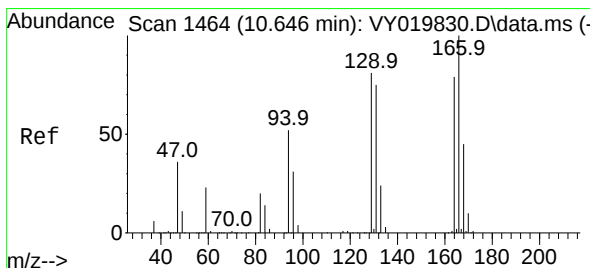
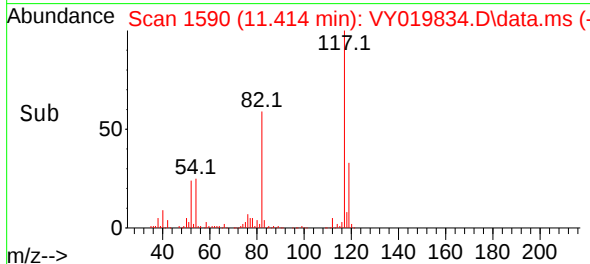
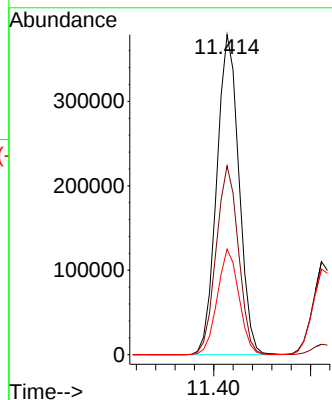
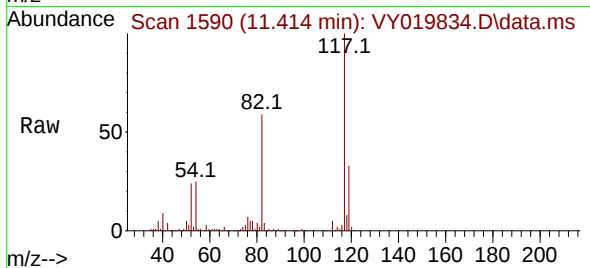
Tgt Ion:117 Resp: 604297

Ion Ratio Lower Upper

117 100

82 59.0 46.9 70.3

119 33.0 25.4 38.2



#64

Tetrachloroethene

Concen: 52.345 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Tgt Ion:164 Resp: 224993

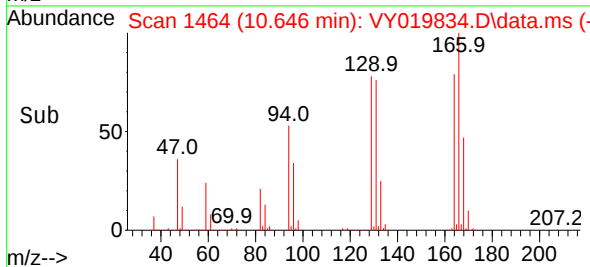
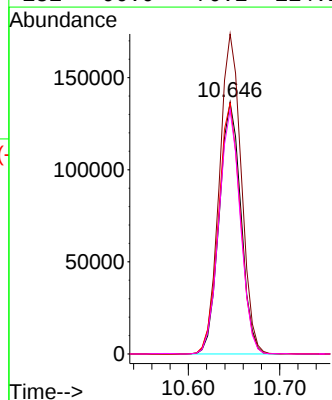
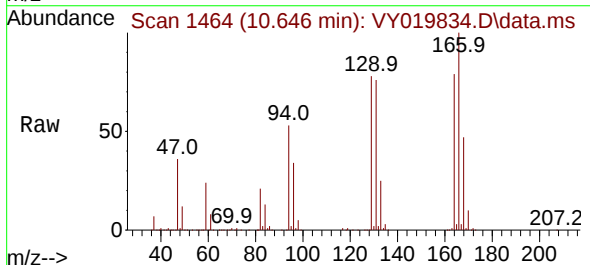
Ion Ratio Lower Upper

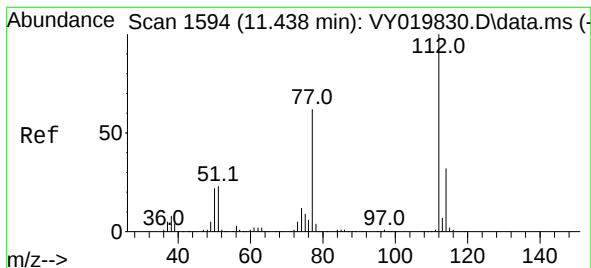
164 100

166 127.2 101.0 151.6

129 99.7 81.4 122.2

131 96.9 76.2 114.2

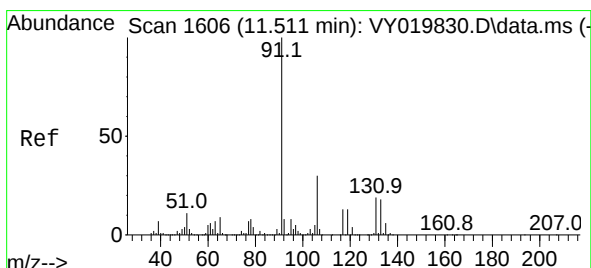
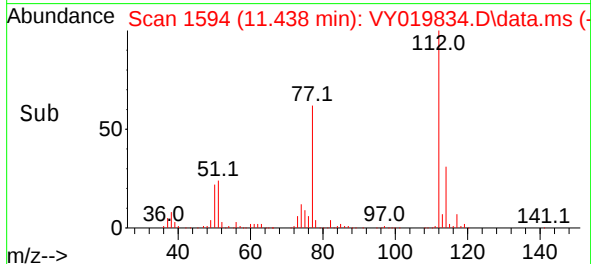
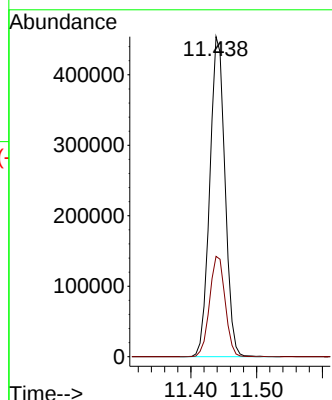
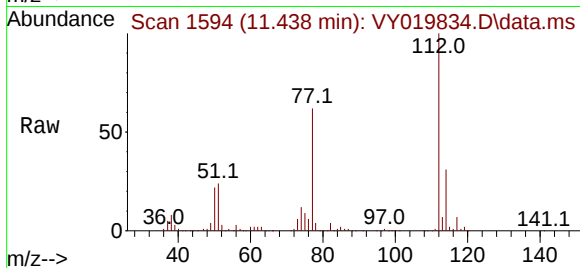




#65
Chlorobenzene
Concen: 52.932 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

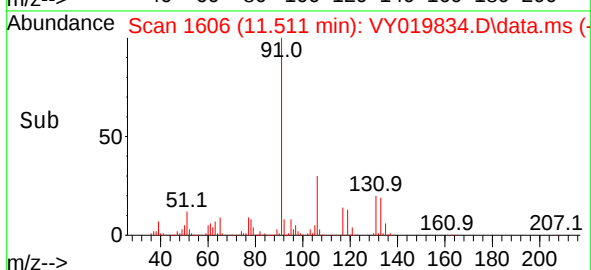
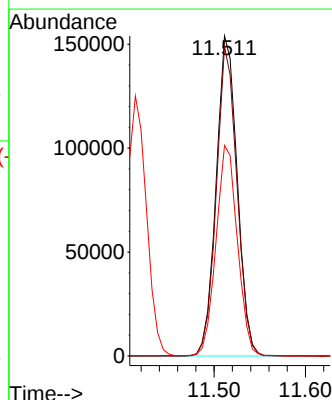
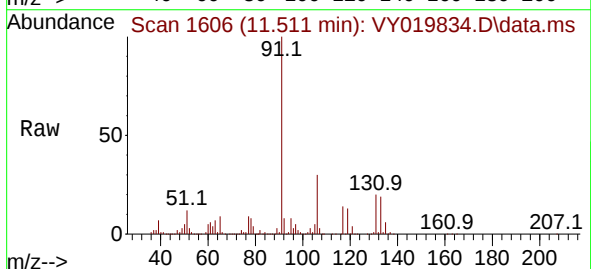
Instrument :
MSVOA_Y
ClientSampleId :

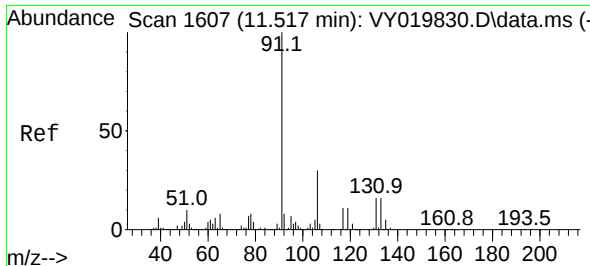
Tgt Ion:112 Resp: 731619
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.701 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion:131 Resp: 246451
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 66.9 33.4 100.1





#67

Ethyl Benzene

Concen: 54.126 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

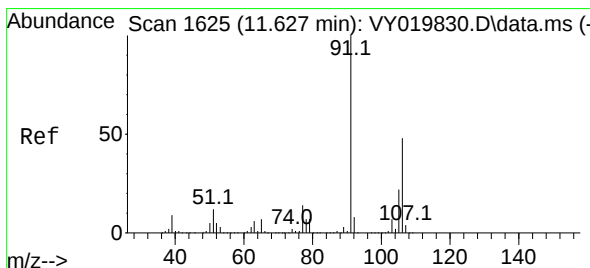
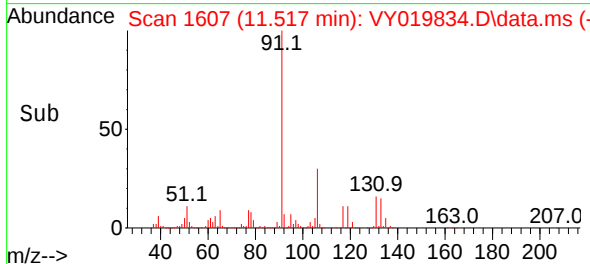
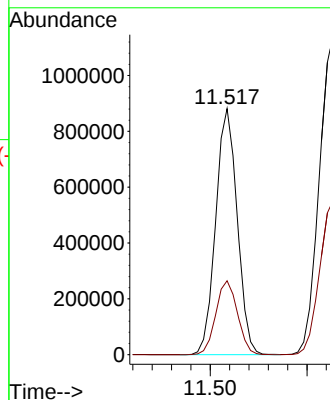
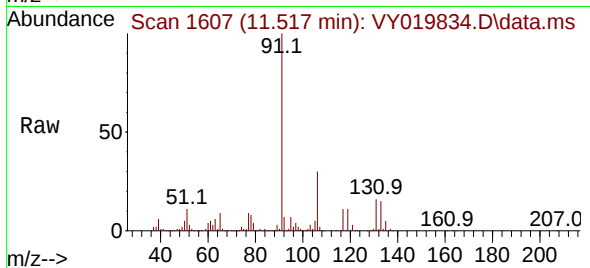
ClientSampleId :

Tgt Ion: 91 Resp: 1358983

Ion Ratio Lower Upper

91 100

106 30.1 23.7 35.5



#68

m/p-Xylenes

Concen: 107.703 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY019834.D

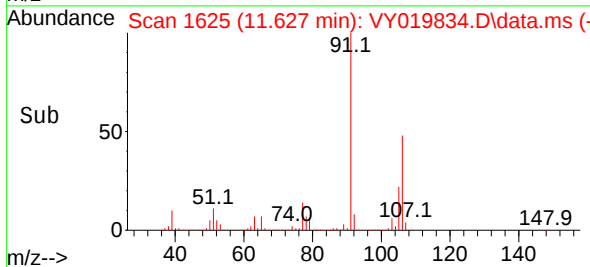
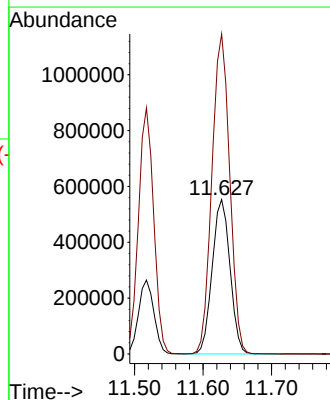
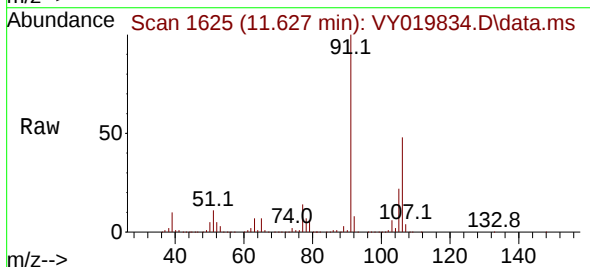
Acq: 09 Oct 2024 15:25

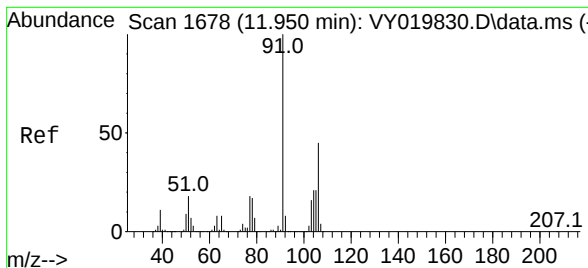
Tgt Ion:106 Resp: 998713

Ion Ratio Lower Upper

106 100

91 207.3 165.7 248.5

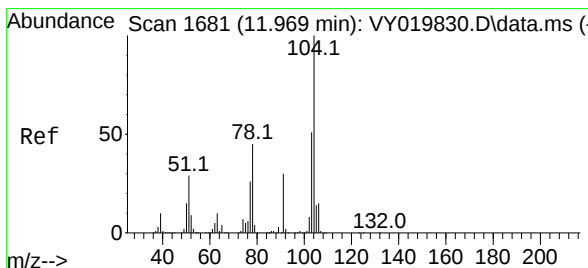
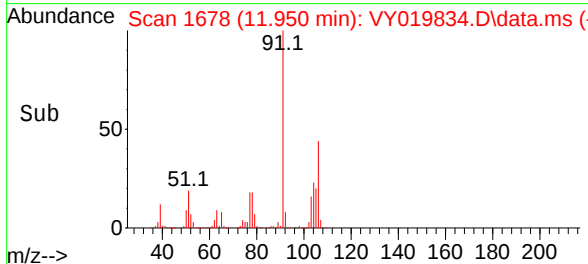
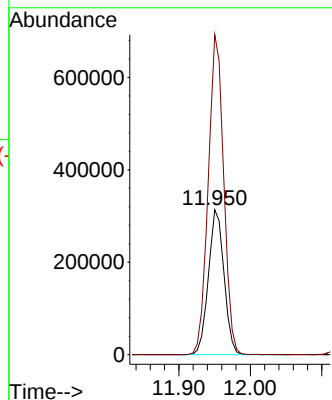
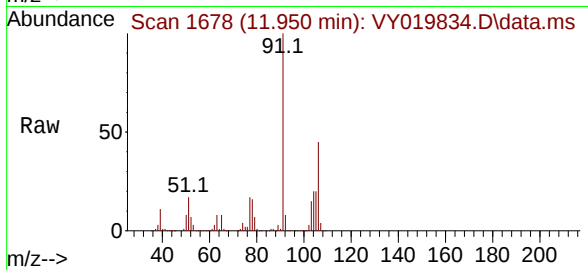




#69
o-Xylene
Concen: 53.376 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

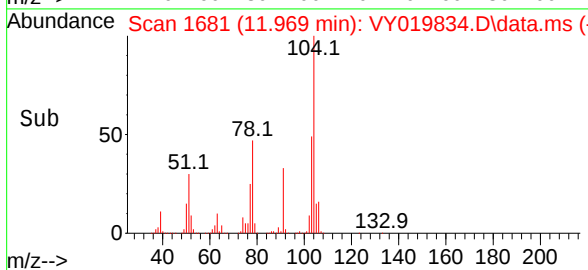
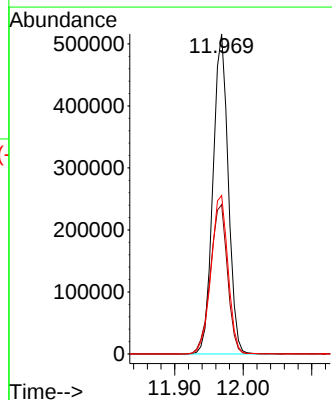
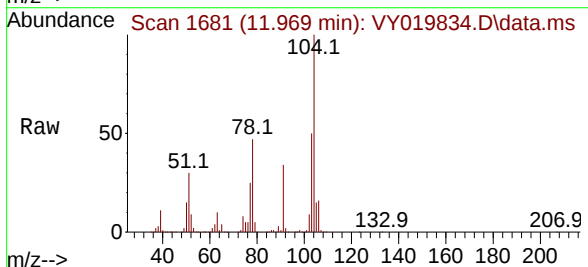
Instrument :
MSVOA_Y
ClientSampleId :

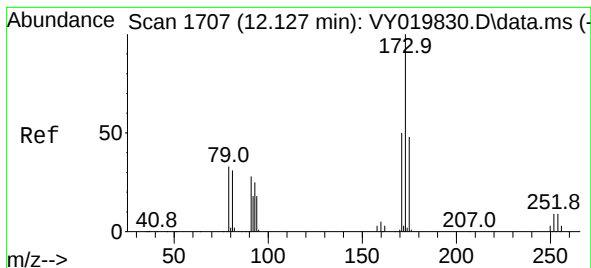
Tgt Ion:106 Resp: 475544
Ion Ratio Lower Upper
106 100
91 219.0 109.5 328.4



#70
Styrene
Concen: 53.155 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion:104 Resp: 798999
Ion Ratio Lower Upper
104 100
78 52.3 41.9 62.9
103 54.9 43.7 65.5





#71

Bromoform

Concen: 51.929 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

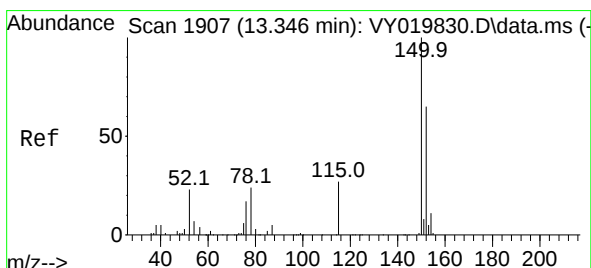
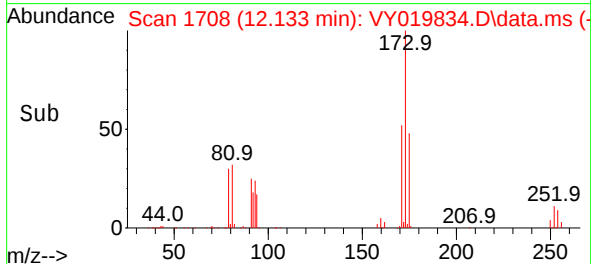
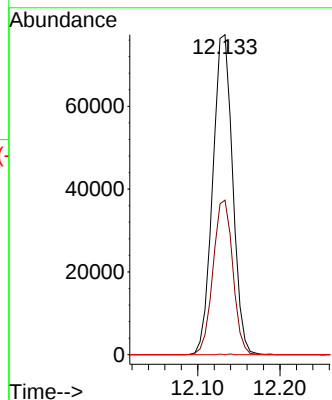
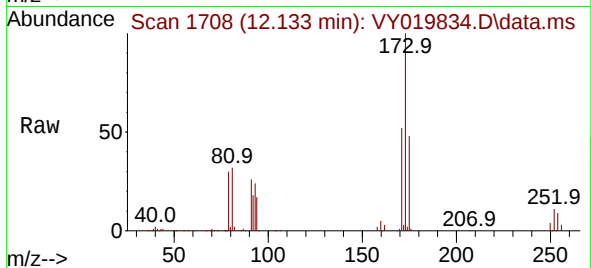
Tgt Ion:173 Resp: 129999

Ion Ratio Lower Upper

173 100

175 48.1 23.6 71.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

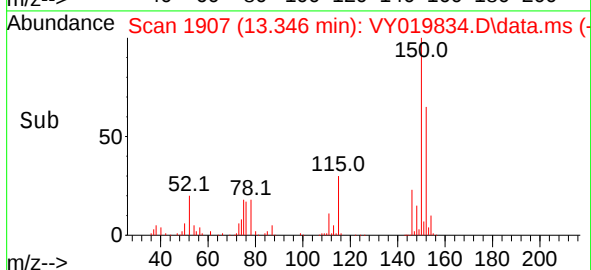
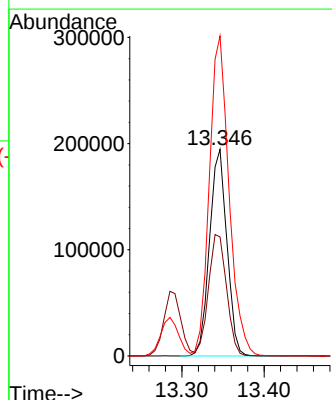
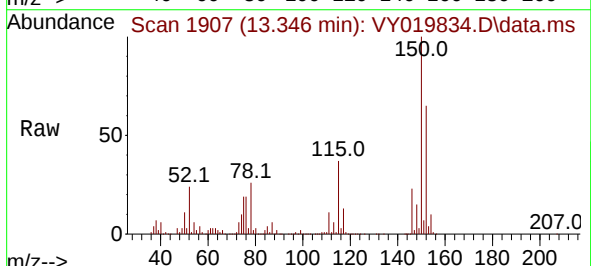
Tgt Ion:152 Resp: 285838

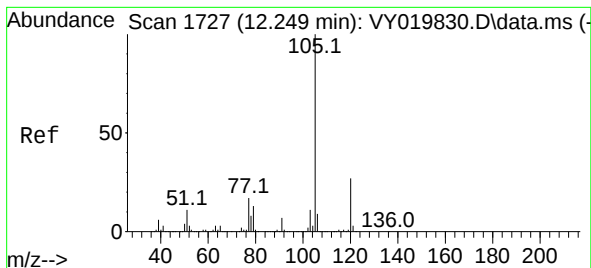
Ion Ratio Lower Upper

152 100

115 61.4 30.8 92.3

150 174.6 0.0 352.8





#73

Isopropylbenzene

Concen: 53.712 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

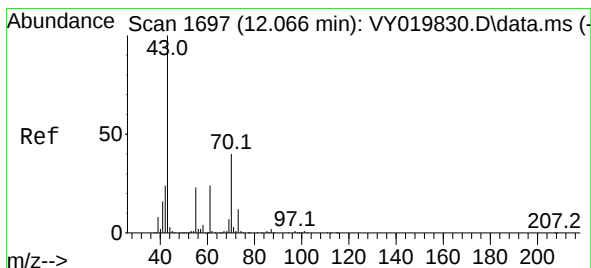
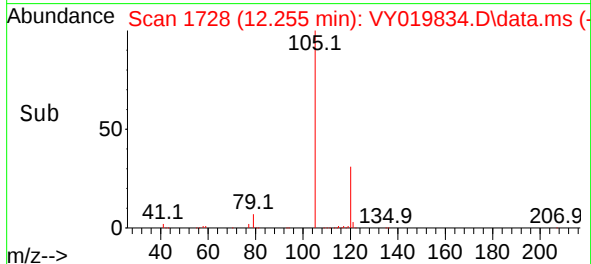
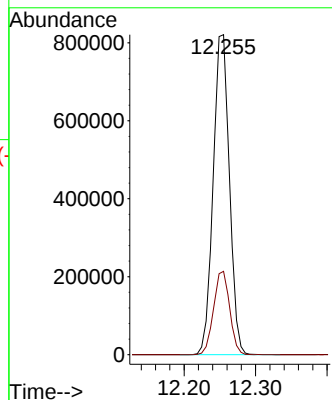
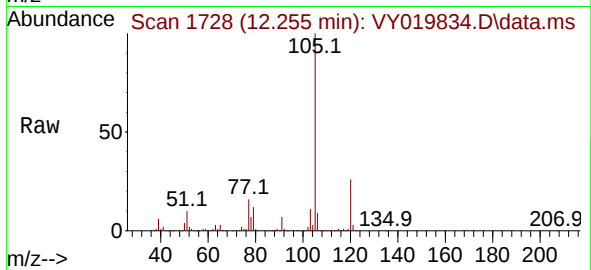
ClientSampleId :

Tgt Ion:105 Resp: 1291391

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 52.325 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Tgt Ion: 43 Resp: 333199

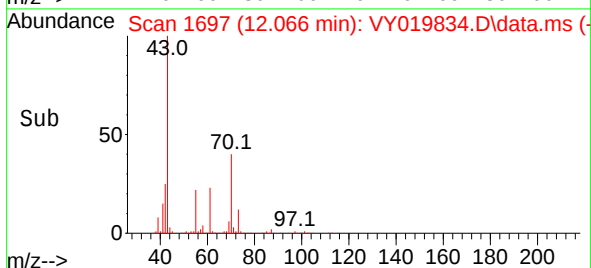
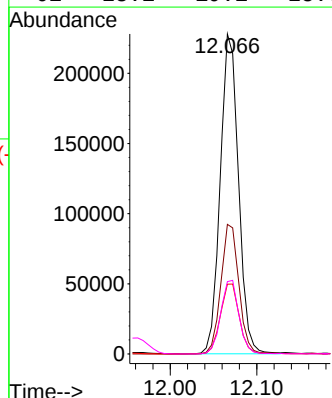
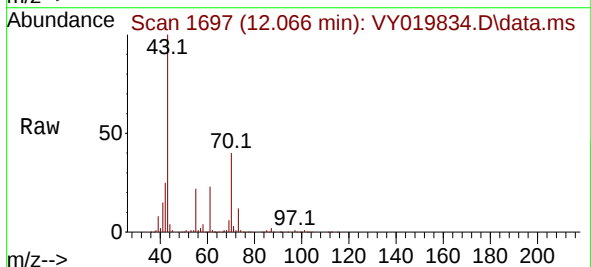
Ion Ratio Lower Upper

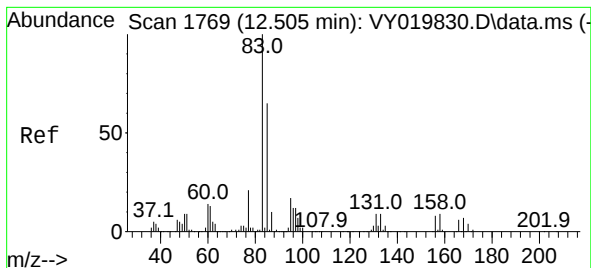
43 100

70 40.3 32.8 49.2

55 22.9 19.3 28.9

61 23.1 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.077 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

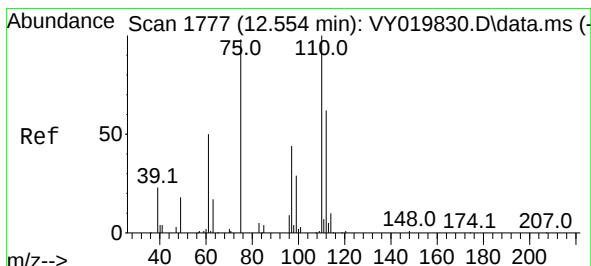
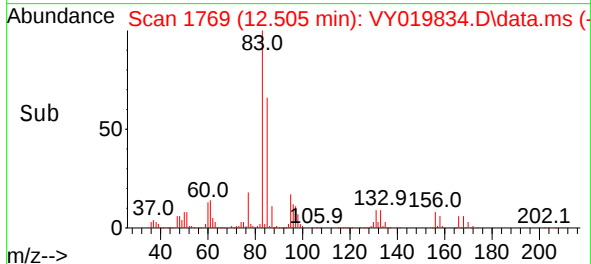
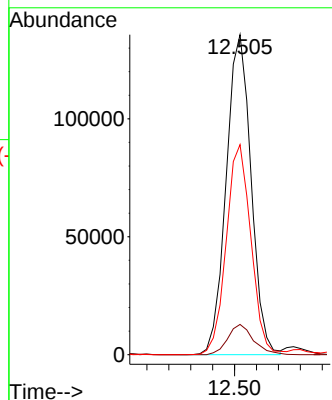
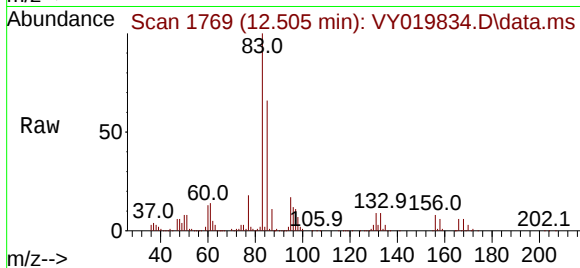
Tgt Ion: 83 Resp: 213934

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 65.3 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 95.382 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY019834.D

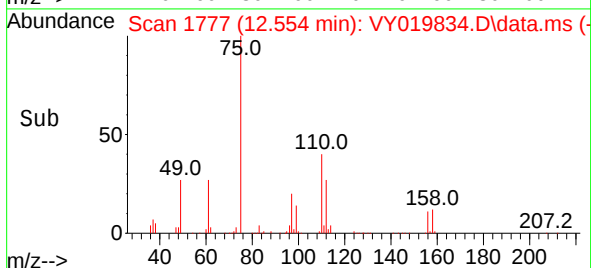
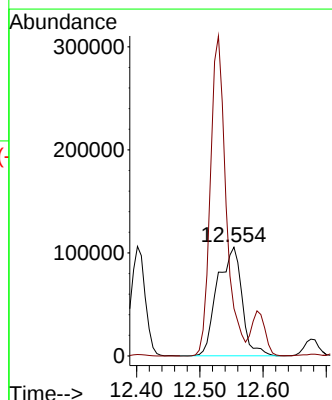
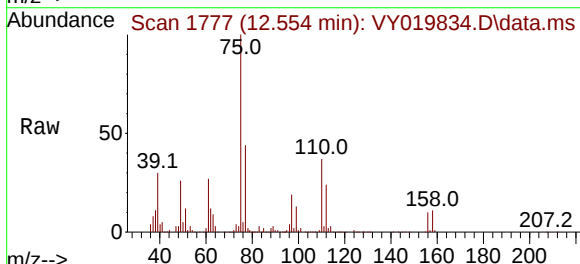
Acq: 09 Oct 2024 15:25

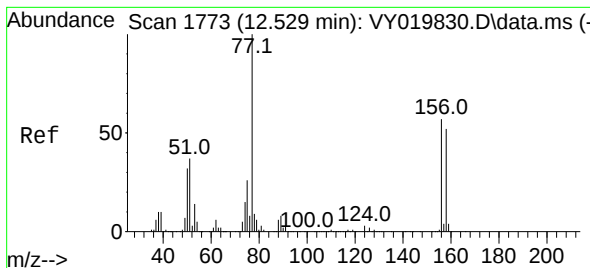
Tgt Ion: 75 Resp: 283893

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.143 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

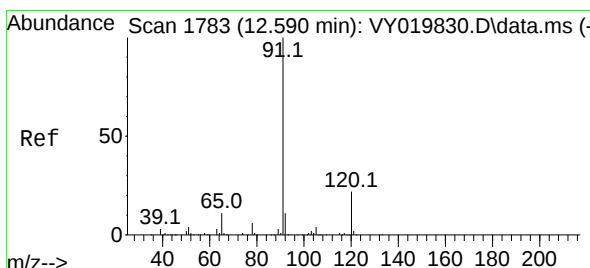
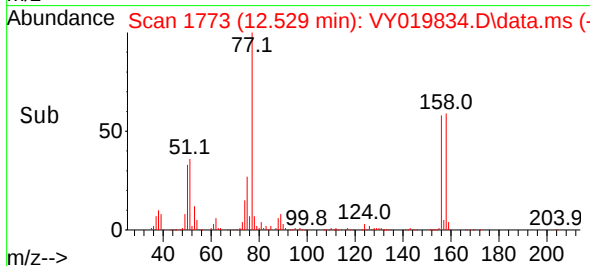
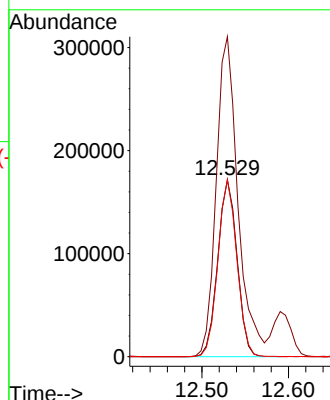
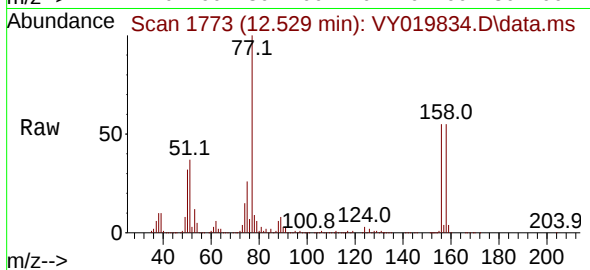
Tgt Ion:156 Resp: 266033

Ion Ratio Lower Upper

156 100

77 202.5 101.3 303.9

158 98.5 47.9 143.6



#78

n-propylbenzene

Concen: 54.394 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY019834.D

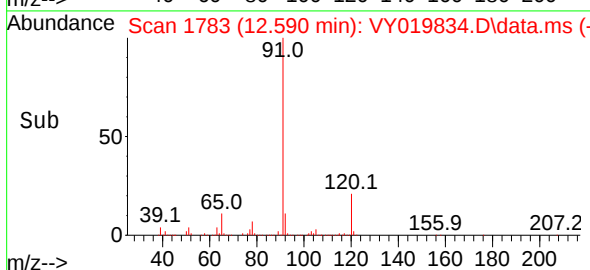
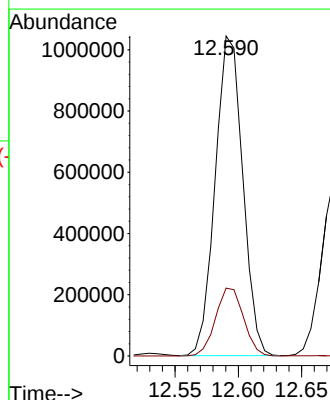
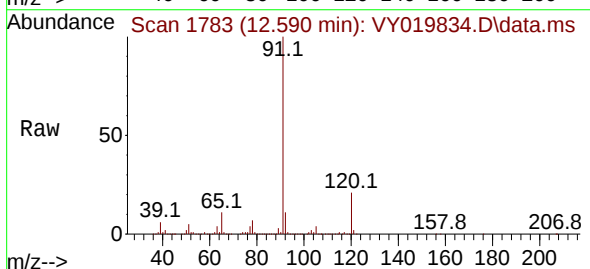
Acq: 09 Oct 2024 15:25

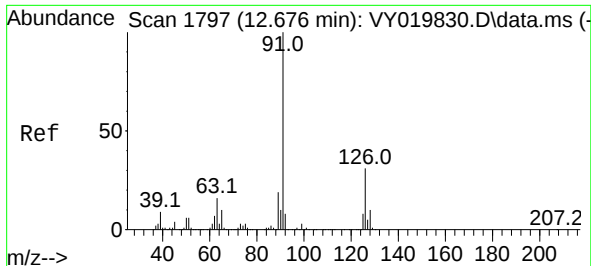
Tgt Ion: 91 Resp: 1580208

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4





#79

2-Chlorotoluene

Concen: 53.113 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

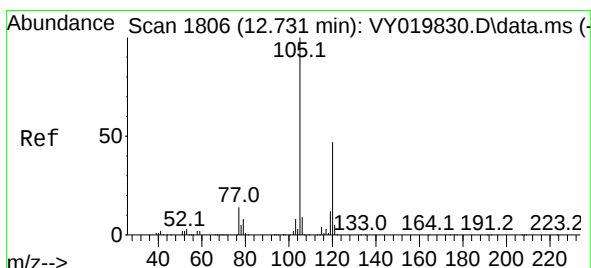
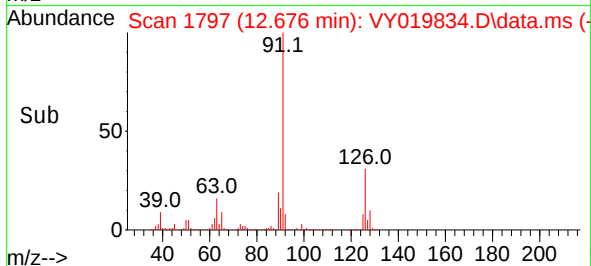
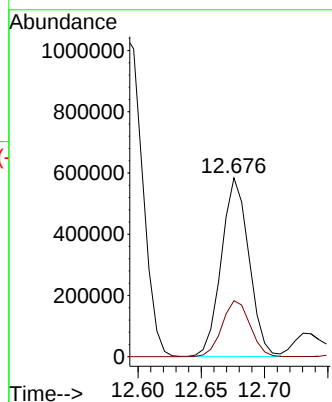
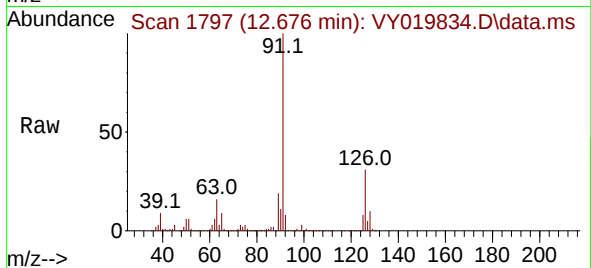
ClientSampleId :

Tgt Ion: 91 Resp: 884605

Ion Ratio Lower Upper

91 100

126 31.9 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 53.670 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY019834.D

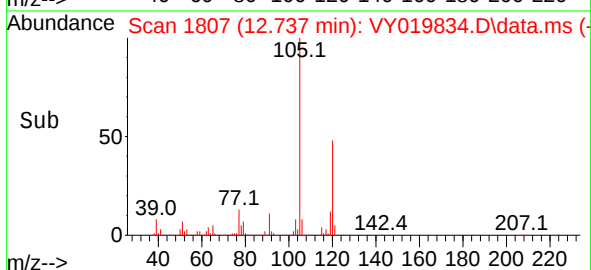
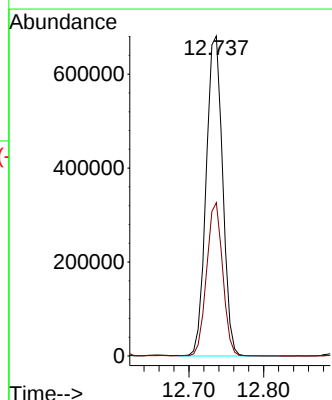
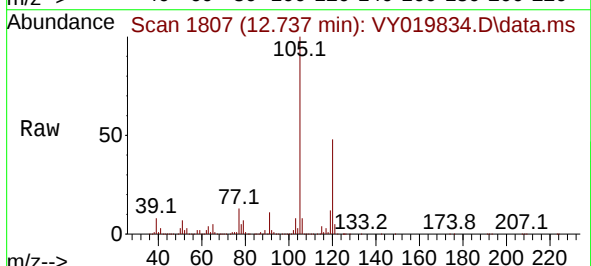
Acq: 09 Oct 2024 15:25

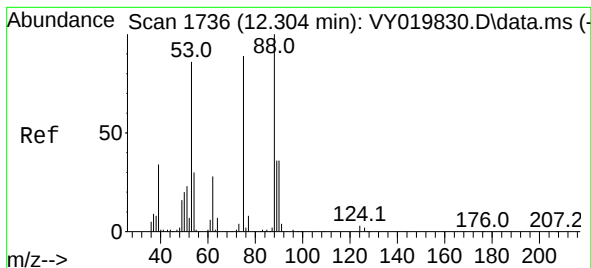
Tgt Ion:105 Resp: 1042089

Ion Ratio Lower Upper

105 100

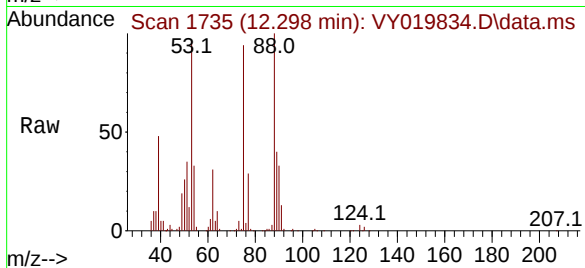
120 46.8 23.8 71.5



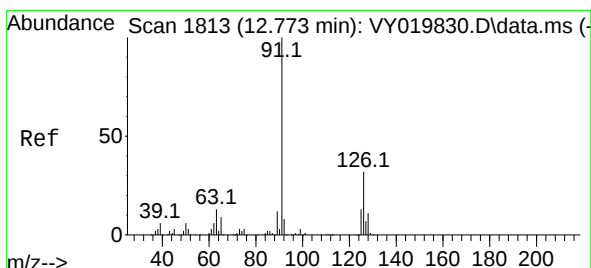
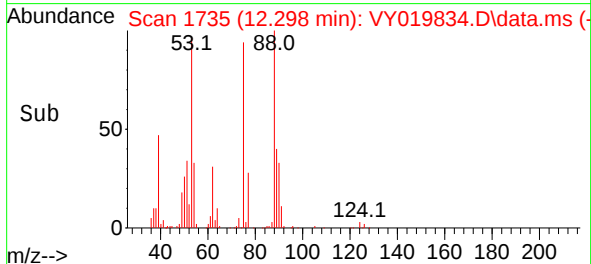
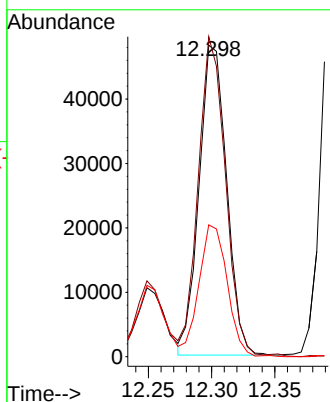


#81
trans-1,4-Dichloro-2-butene
Concen: 52.613 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

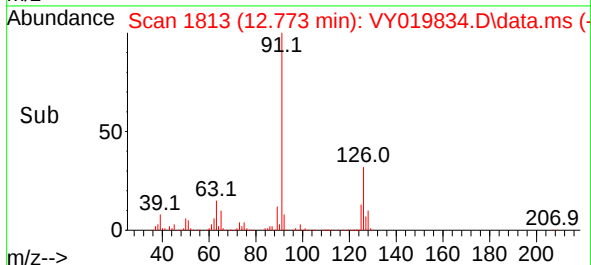
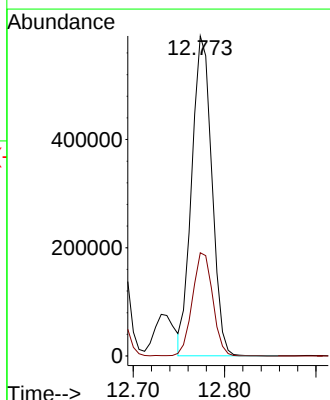
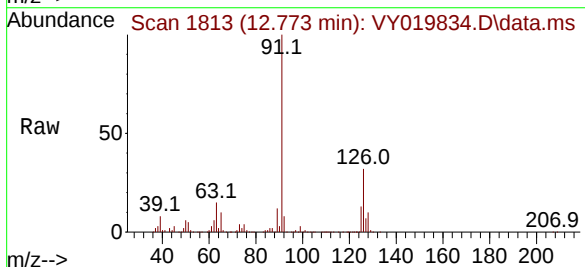


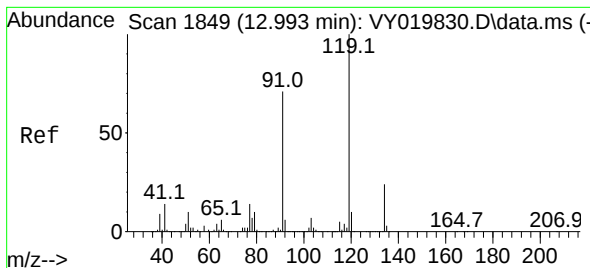
Tgt Ion: 75 Resp: 72989
Ion Ratio Lower Upper
75 100
53 102.3 84.7 127.1
89 43.8 35.4 53.2



#82
4-Chlorotoluene
Concen: 53.095 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY019834.D
Acq: 09 Oct 2024 15:25

Tgt Ion: 91 Resp: 904186
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3





#83

tert-Butylbenzene

Concen: 53.397 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

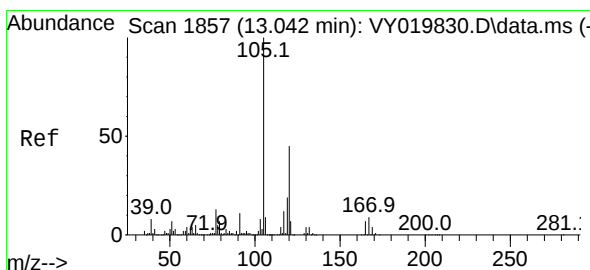
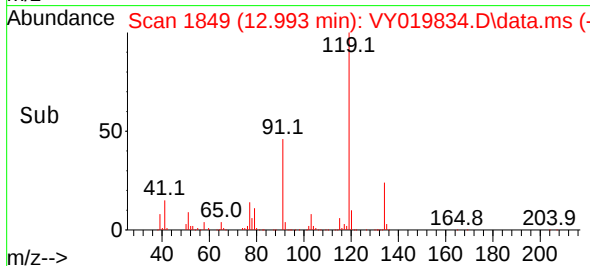
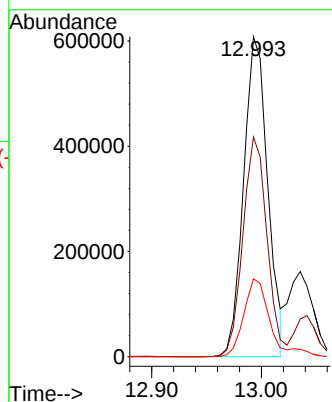
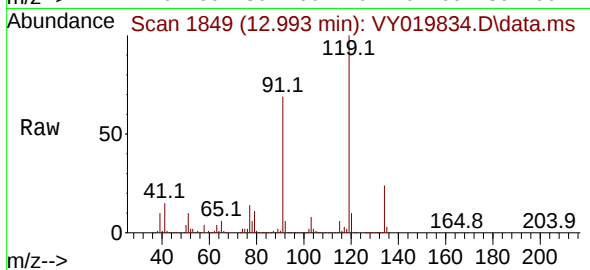
Tgt Ion:119 Resp: 928800

Ion Ratio Lower Upper

119 100

91 68.7 34.6 103.8

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 53.170 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY019834.D

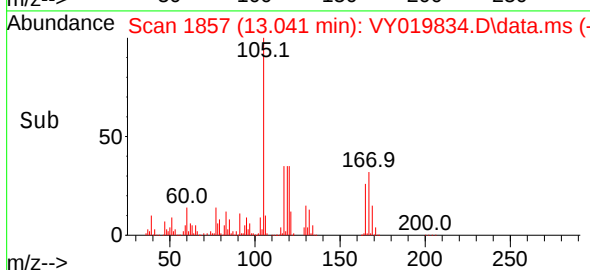
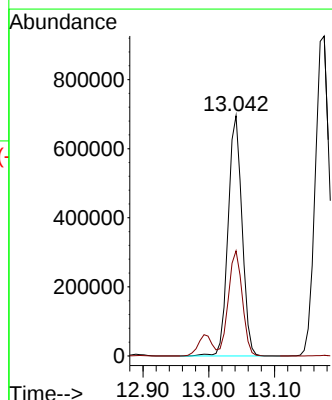
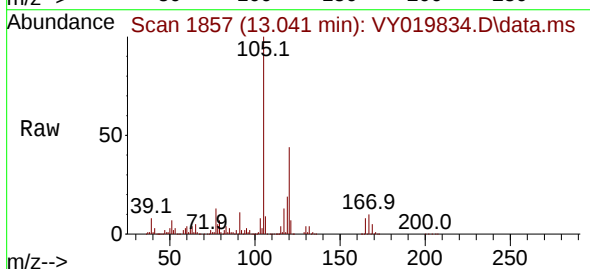
Acq: 09 Oct 2024 15:25

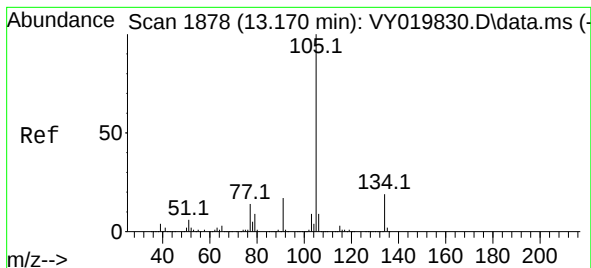
Tgt Ion:105 Resp: 1023548

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.720 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

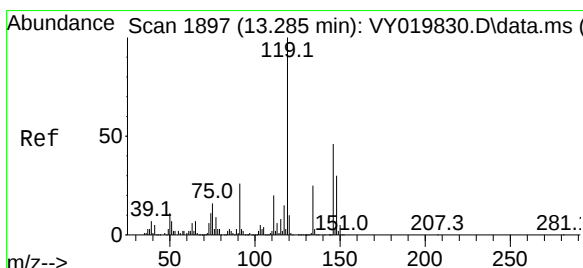
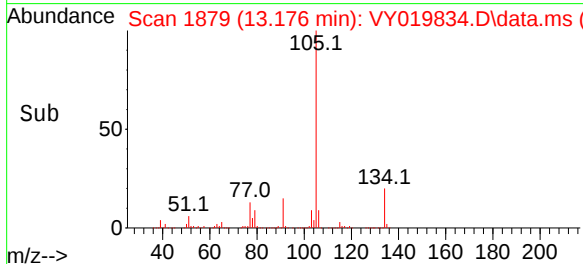
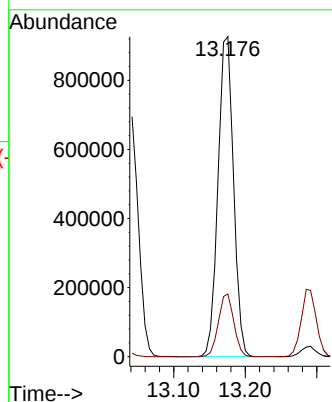
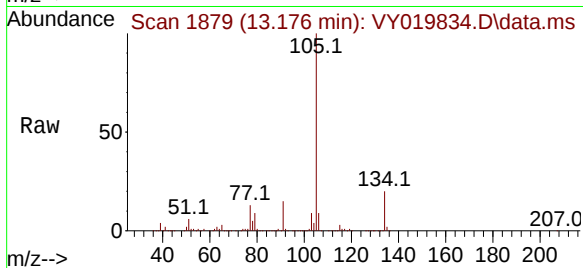
ClientSampleId :

Tgt Ion:105 Resp: 1396101

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.357 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

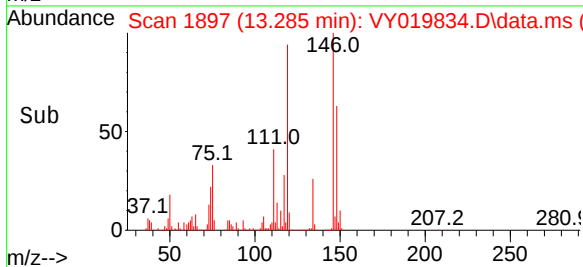
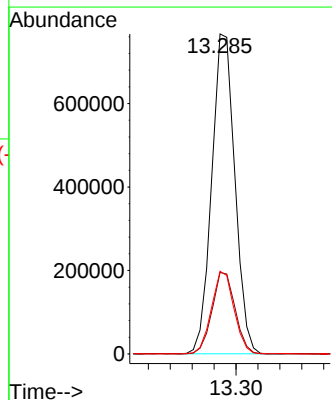
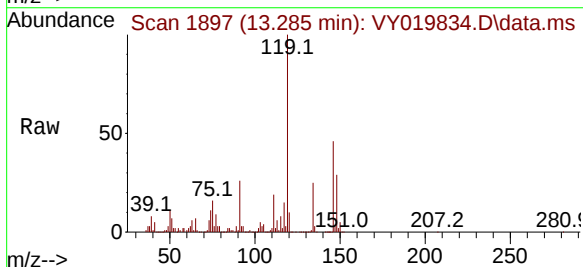
Tgt Ion:119 Resp: 1126019

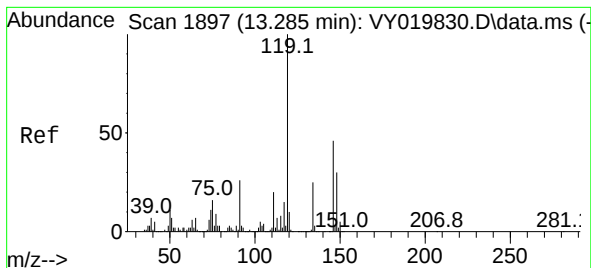
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.809 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

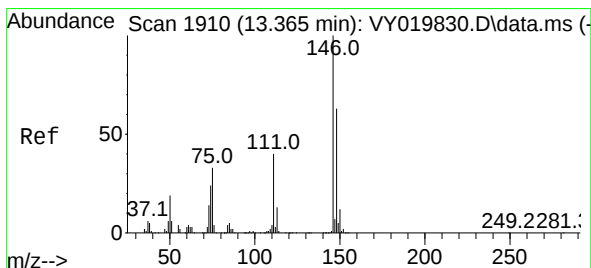
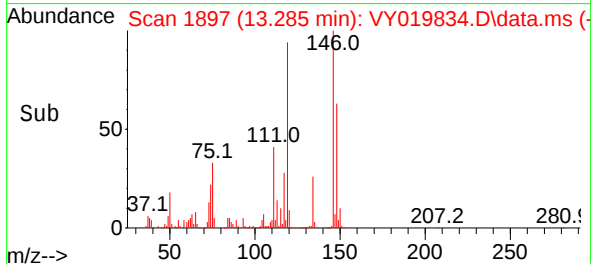
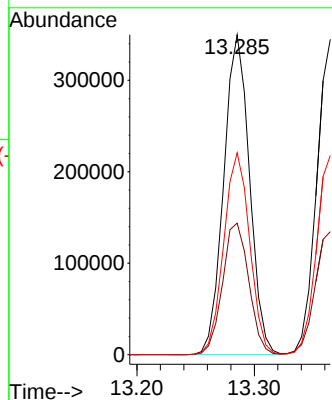
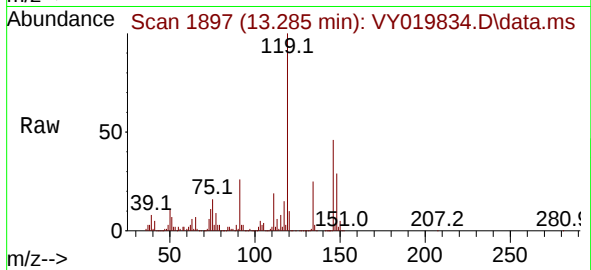
Tgt Ion:146 Resp: 533804

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.207 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

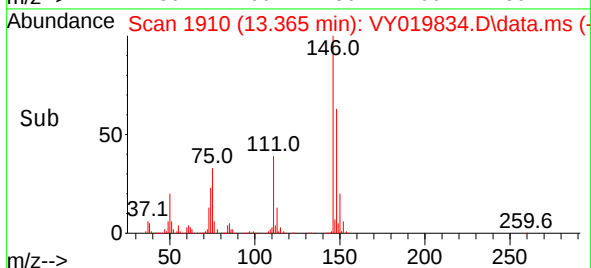
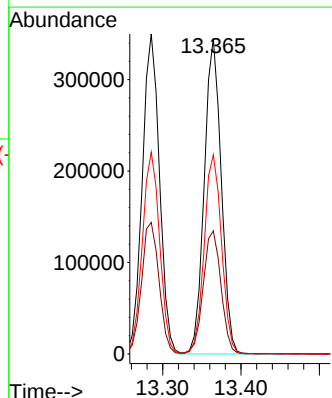
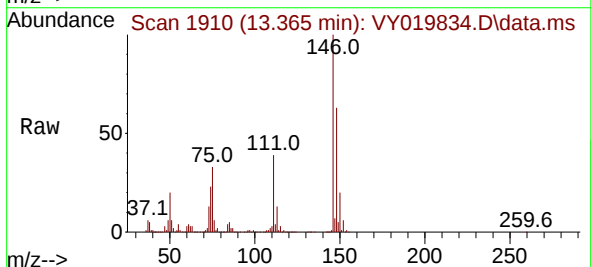
Tgt Ion:146 Resp: 518316

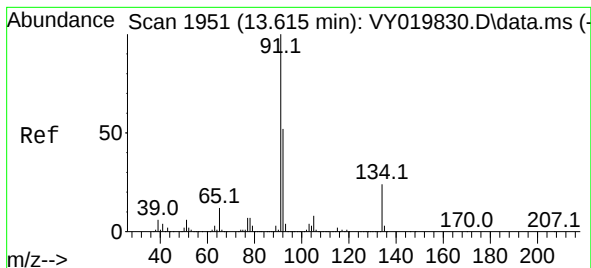
Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 54.470 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

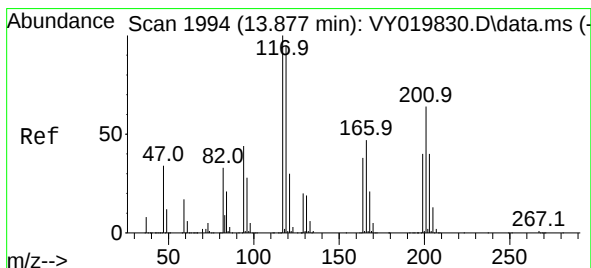
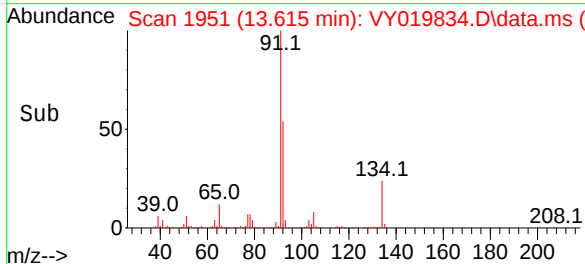
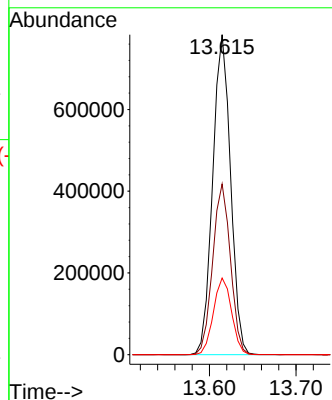
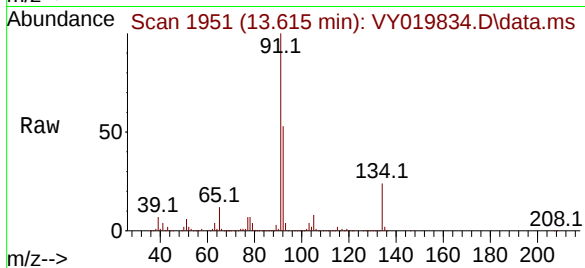
Tgt Ion: 91 Resp: 1122433

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 24.4 12.0 36.1



#90

Hexachloroethane

Concen: 54.612 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY019834.D

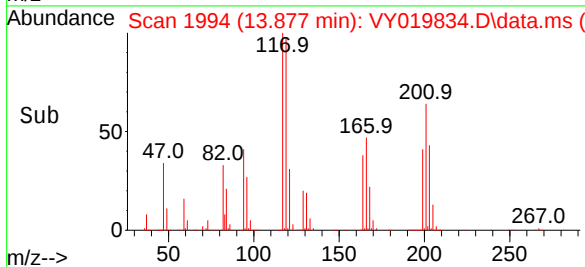
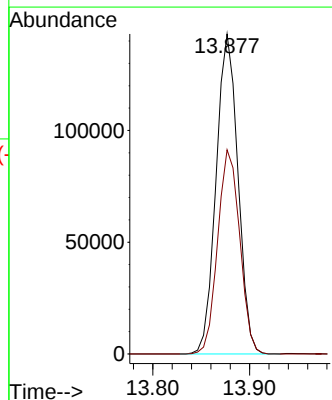
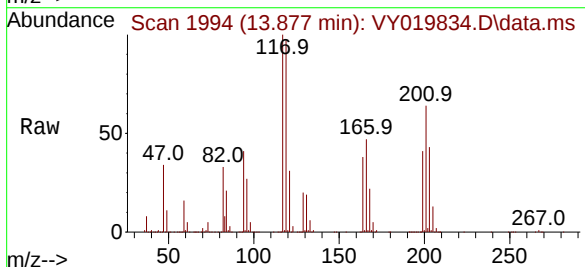
Acq: 09 Oct 2024 15:25

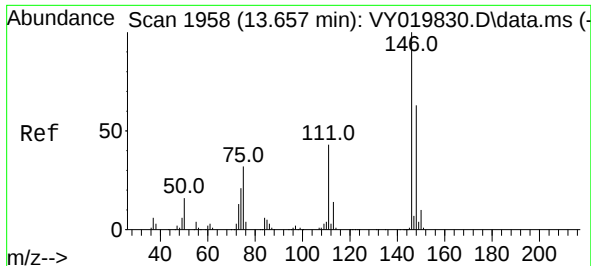
Tgt Ion: 117 Resp: 224415

Ion Ratio Lower Upper

117 100

201 64.4 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 51.366 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

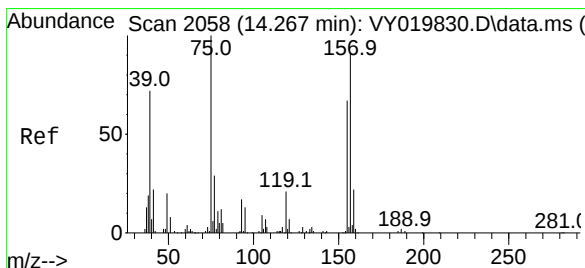
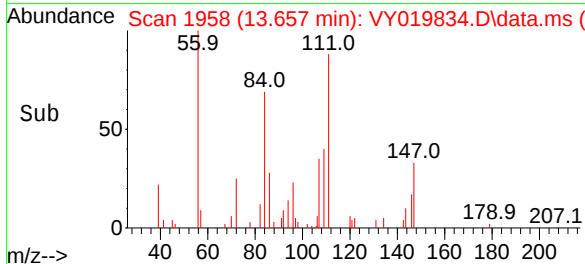
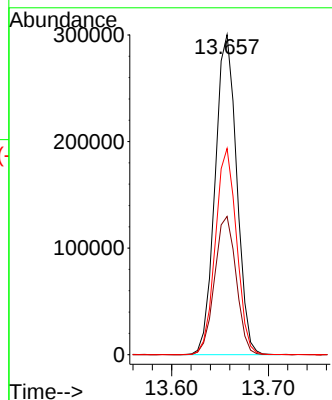
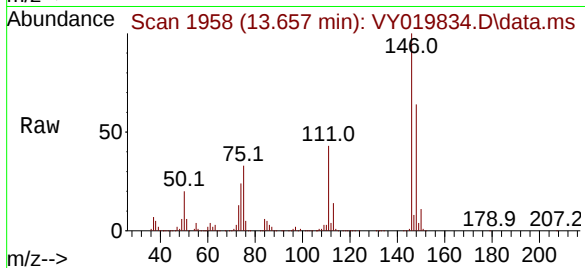
Tgt Ion:146 Resp: 465022

Ion Ratio Lower Upper

146 100

111 43.3 21.8 65.3

148 63.3 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.008 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

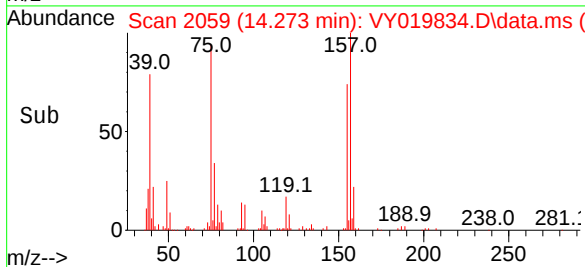
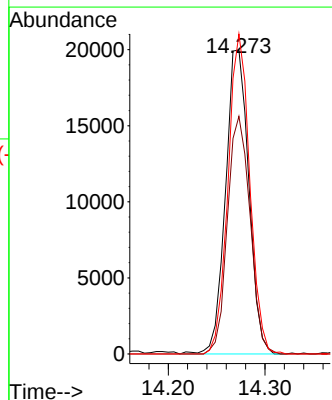
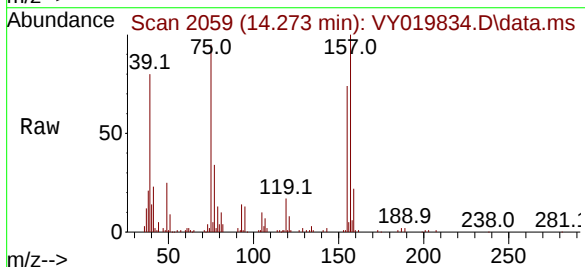
Tgt Ion: 75 Resp: 33414

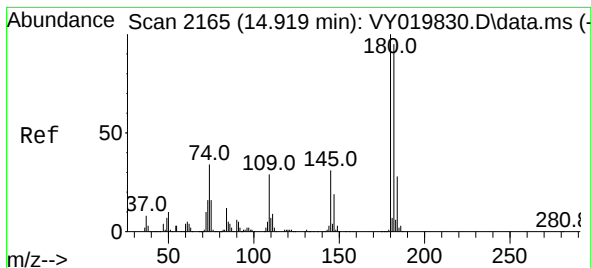
Ion Ratio Lower Upper

75 100

155 75.9 38.5 115.5

157 98.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 53.099 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

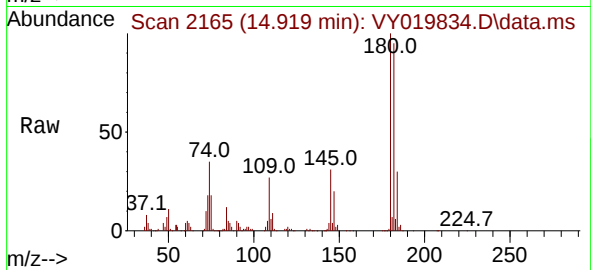
Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :



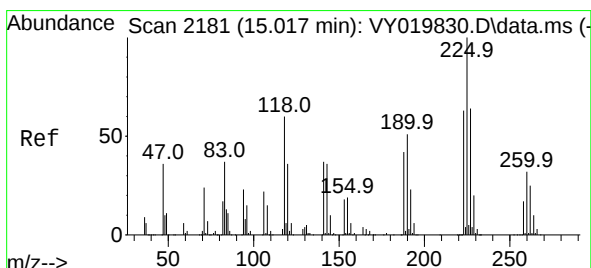
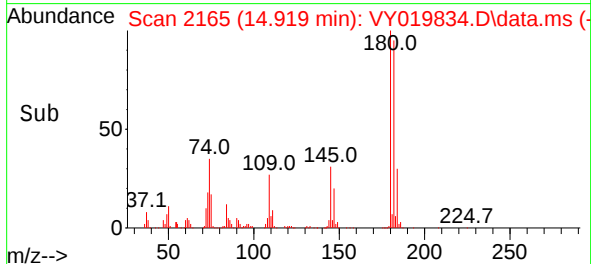
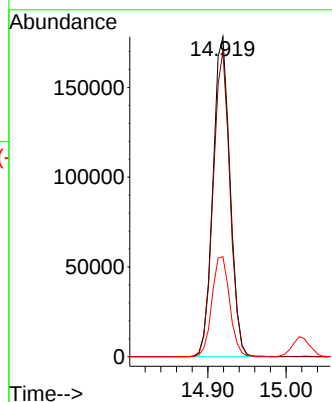
Tgt Ion:180 Resp: 269549

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 32.5 16.1 48.2



#94

Hexachlorobutadiene

Concen: 52.615 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

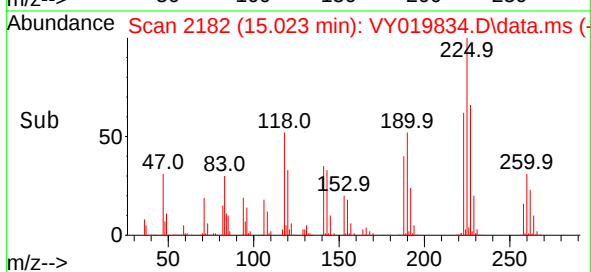
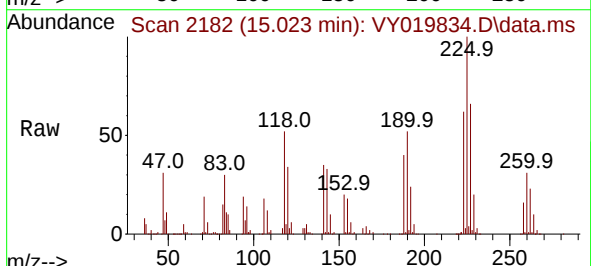
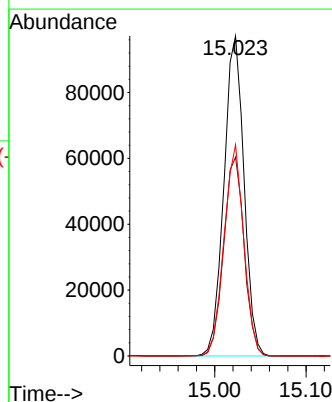
Tgt Ion:225 Resp: 148493

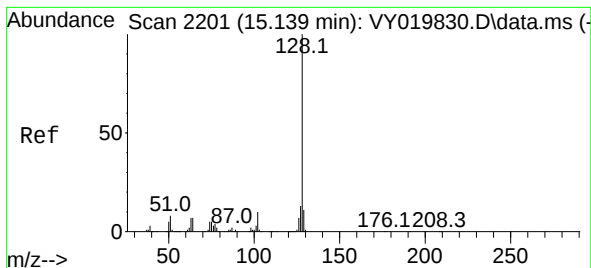
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 65.1 32.3 96.8





#95

Naphthalene

Concen: 52.925 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

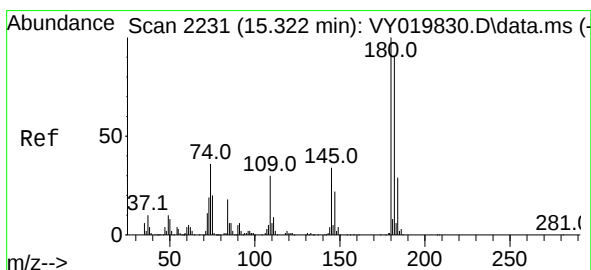
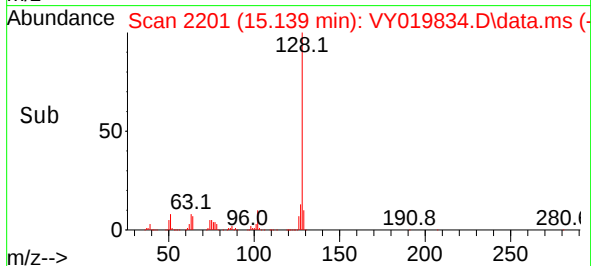
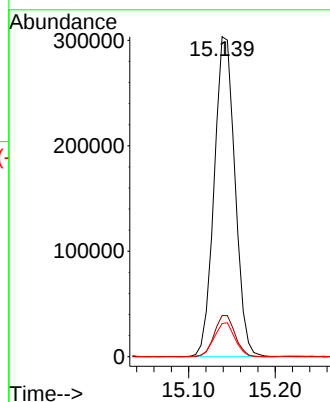
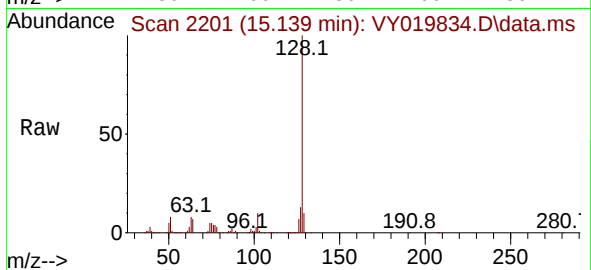
Tgt Ion:128 Resp: 506717

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.368 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY019834.D

Acq: 09 Oct 2024 15:25

Tgt Ion:180 Resp: 224718

Ion Ratio Lower Upper

180 100

182 94.9 46.8 140.4

145 33.9 16.9 50.6

