

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020154.D
 Acq On : 04 Nov 2024 19:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:38:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	201402	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	367387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	147556	58.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.400%
35) Dibromofluoromethane	7.640	113	133264	57.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.100%
50) Toluene-d8	10.109	98	533417	57.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.740%
62) 4-Bromofluorobenzene	12.401	95	175003	57.948	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	115.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	93968	50.403	ug/l	97
3) Chloromethane	2.068	50	165108	53.466	ug/l	97
4) Vinyl Chloride	2.202	62	185888	56.072	ug/l	99
5) Bromomethane	2.598	94	120277	54.646	ug/l	99
6) Chloroethane	2.738	64	121920	56.985	ug/l	97
7) Trichlorofluoromethane	3.061	101	220184	54.368	ug/l	93
8) Diethyl Ether	3.458	74	64969	57.517	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.817	101	125878	55.415	ug/l	90
10) Methyl Iodide	4.006	142	126819	57.826	ug/l	# 90
11) Tert butyl alcohol	4.866	59	44766	247.591	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	120376	55.386	ug/l	# 76
13) Acrolein	3.653	56	42063	186.884	ug/l	100
14) Allyl chloride	4.384	41	217743	55.530	ug/l	# 89
15) Acrylonitrile	5.061	53	150854	293.392	ug/l	98
16) Acetone	3.866	43	143481	245.453	ug/l	88
17) Carbon Disulfide	4.110	76	394054	54.482	ug/l	99
18) Methyl Acetate	4.384	43	85986	62.694	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	324359	59.322	ug/l	98
20) Methylene Chloride	4.616	84	133256	50.746	ug/l	# 77
21) trans-1,2-Dichloroethene	5.116	96	139224	56.801	ug/l	86
22) Diisopropyl ether	6.024	45	482854	59.339	ug/l	93
23) Vinyl Acetate	5.963	43	1303942	284.742	ug/l	# 90
24) 1,1-Dichloroethane	5.921	63	269922	57.287	ug/l	96
25) 2-Butanone	6.896	43	219564	277.091	ug/l	# 81
26) 2,2-Dichloropropane	6.890	77	202665	51.696	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	162409	57.641	ug/l	84
28) Bromochloromethane	7.250	49	124946	56.632	ug/l	# 69
29) Tetrahydrofuran	7.262	42	138309	302.453	ug/l	# 81
30) Chloroform	7.427	83	272817	58.349	ug/l	97
31) Cyclohexane	7.701	56	237742	52.119	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	231681	56.755	ug/l	# 93
36) 1,1-Dichloropropene	7.835	75	191748	53.141	ug/l	96
37) Ethyl Acetate	6.988	43	95563	55.549	ug/l	# 95
38) Carbon Tetrachloride	7.823	117	198255	54.639	ug/l	98
39) Methylcyclohexane	9.109	83	250033	54.597	ug/l	# 89
40) Benzene	8.079	78	602181	57.176	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	52869	61.349	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	167399	57.421	ug/l	93
43) Isopropyl Acetate	8.201	43	188217	56.895	ug/l #	77
44) Trichloroethene	8.865	130	133190	54.563	ug/l	86
45) 1,2-Dichloropropane	9.140	63	146397	58.098	ug/l	96
46) Dibromomethane	9.231	93	77776	56.964	ug/l	89
47) Bromodichloromethane	9.426	83	208378	58.257	ug/l	99
48) Methyl methacrylate	9.219	41	90023	58.749	ug/l #	80
49) 1,4-Dioxane	9.231	88	15981	1136.871	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	510509	299.493	ug/l	89
52) Toluene	10.170	92	377009	58.071	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	183977	58.247	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	215920	57.273	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	101519	59.801	ug/l	97
56) Ethyl methacrylate	10.438	69	144766	59.448	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	177874	57.216	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	346617	288.621	ug/l	92
59) 2-Hexanone	10.761	43	356947	292.087	ug/l	86
60) Dibromochloromethane	10.914	129	126425	58.423	ug/l	99
61) 1,2-Dibromoethane	11.017	107	92034	58.353	ug/l	99
64) Tetrachloroethene	10.645	164	122204	56.464	ug/l	90
65) Chlorobenzene	11.444	112	387557	55.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	124055	55.593	ug/l	100
67) Ethyl Benzene	11.517	91	733217	56.159	ug/l	98
68) m/p-Xylenes	11.627	106	537406	112.503	ug/l	92
69) o-Xylene	11.956	106	254452	56.264	ug/l	90
70) Styrene	11.968	104	434393	58.093	ug/l	96
71) Bromoform	12.133	173	68255	59.623	ug/l #	99
73) Isopropylbenzene	12.255	105	688771	56.222	ug/l	98
74) N-amyl acetate	12.072	43	172442	56.310	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	121072	56.509	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	156138	108.614	ug/l #	100
77) Bromobenzene	12.529	156	136415	55.059	ug/l	82
78) n-propylbenzene	12.596	91	830483	54.469	ug/l	97
79) 2-Chlorotoluene	12.676	91	464305	54.861	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	553587	56.286	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	37018	55.389	ug/l #	83
82) 4-Chlorotoluene	12.779	91	479114	55.522	ug/l	94
83) tert-Butylbenzene	12.999	119	482241	56.073	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	556054	57.080	ug/l	95
85) sec-Butylbenzene	13.175	105	728148	55.151	ug/l	97
86) p-Isopropyltoluene	13.291	119	582277	54.958	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	286785	56.978	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	279898	55.842	ug/l	97
89) n-Butylbenzene	13.614	91	579374	54.551	ug/l	97
90) Hexachloroethane	13.877	117	115081	54.923	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	250508	57.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18188	55.976	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	126625	53.878	ug/l	98
94) Hexachlorobutadiene	15.023	225	68565	53.352	ug/l	99
95) Naphthalene	15.145	128	251987	57.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	106833	53.550	ug/l	97

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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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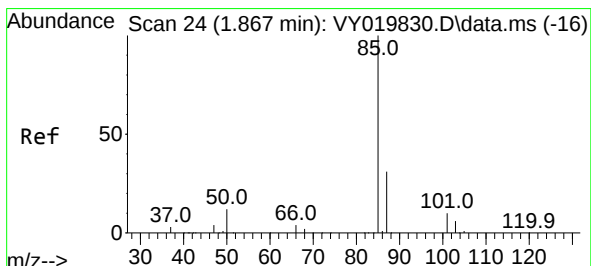
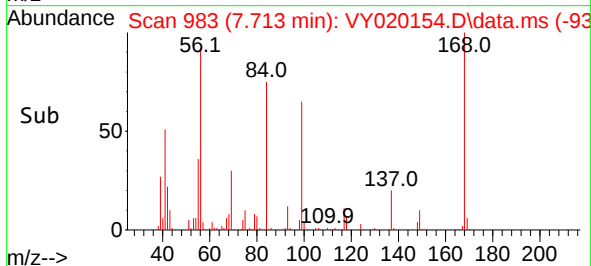
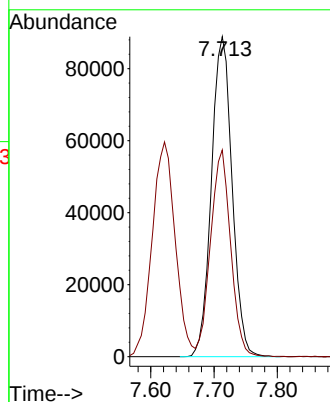
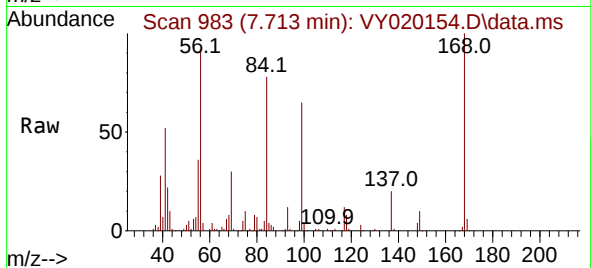




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

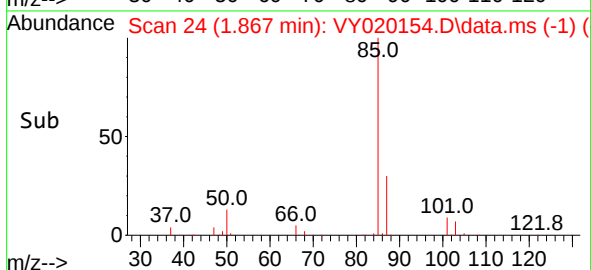
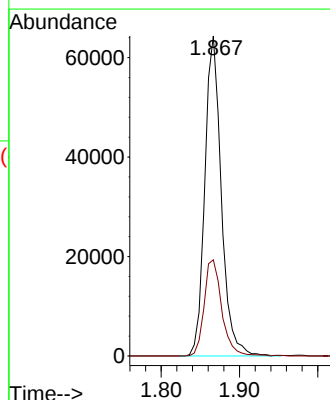
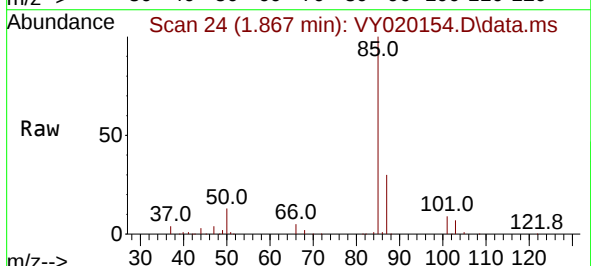
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 201402
Ion Ratio Lower Upper
168 100
99 64.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 50.403 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 85 Resp: 93968
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

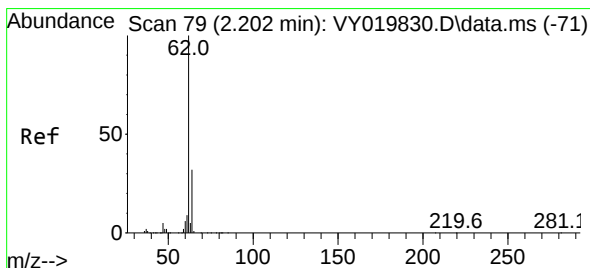
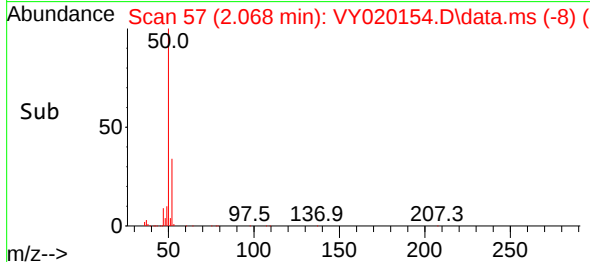
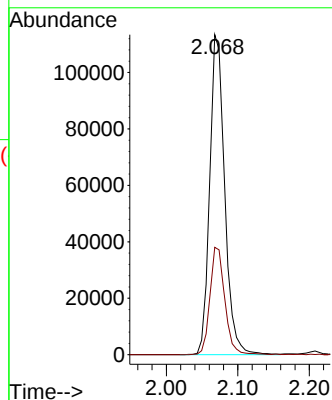
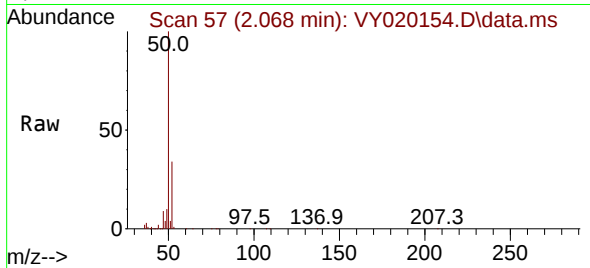




#3
Chloromethane
Concen: 53.466 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

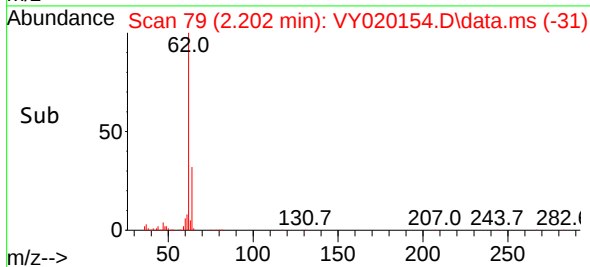
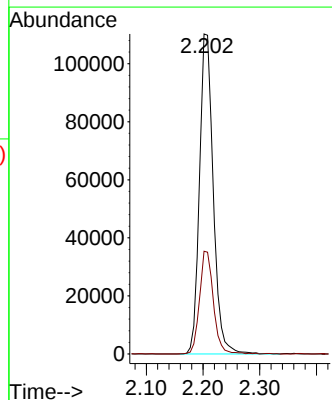
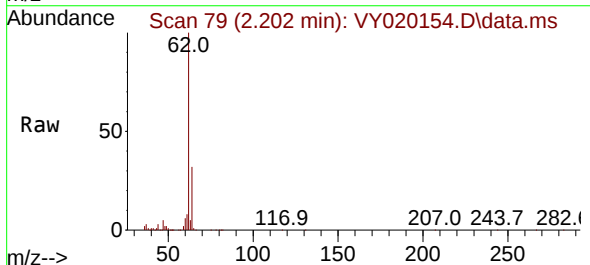
Instrument :
MSVOA_Y
ClientSampleId :

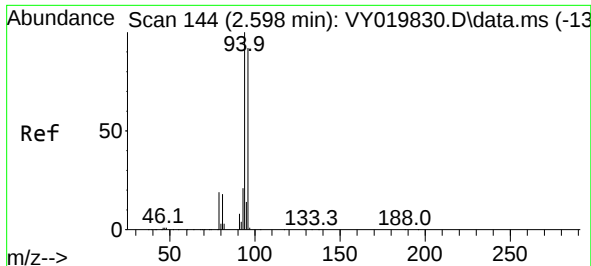
Tgt Ion: 50 Resp: 165108
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 56.072 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 62 Resp: 185888
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

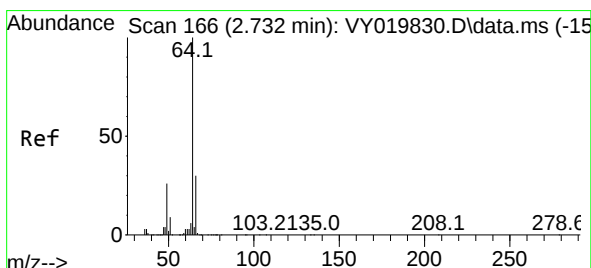
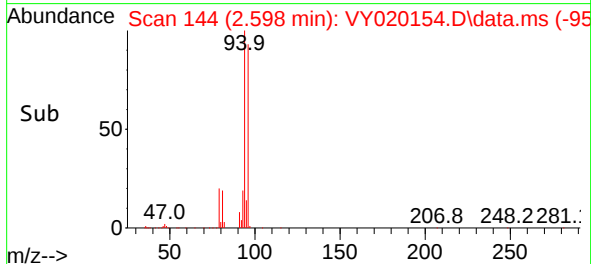
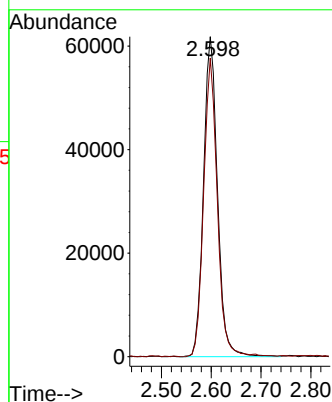
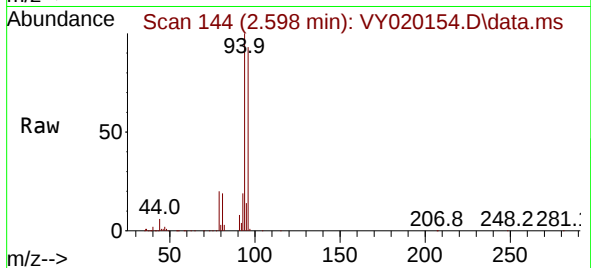




#5
Bromomethane
Concen: 54.646 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

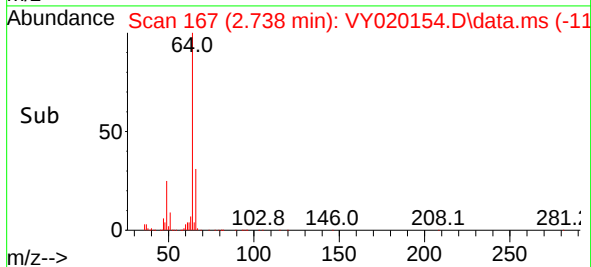
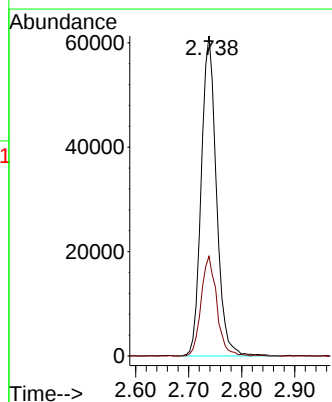
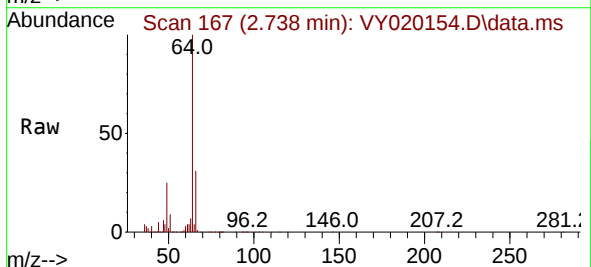
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 120277
Ion Ratio Lower Upper
94 100
96 93.3 74.1 111.1



#6
Chloroethane
Concen: 56.985 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 64 Resp: 121920
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1

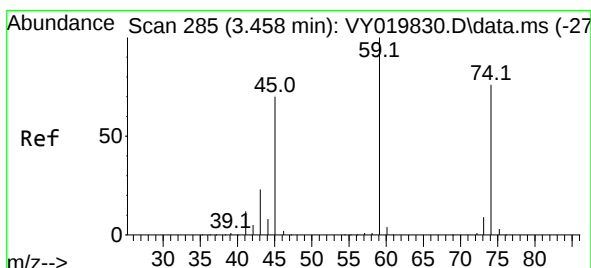
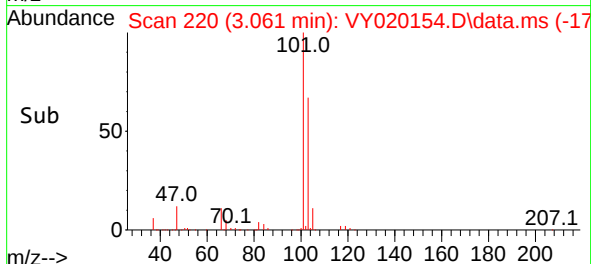
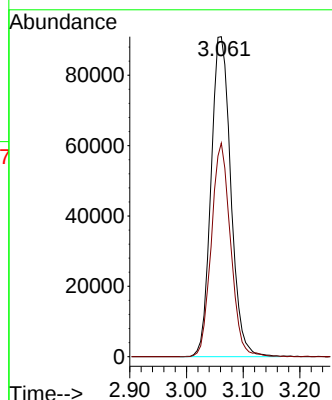
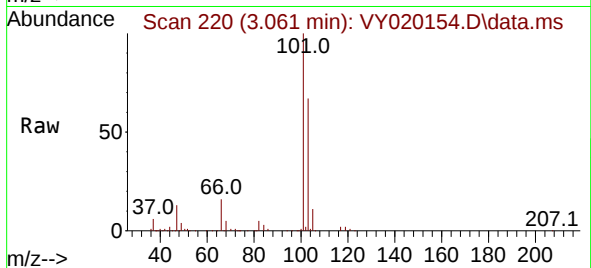




#7
 Trichlorofluoromethane
 Concen: 54.368 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. 0.000 min
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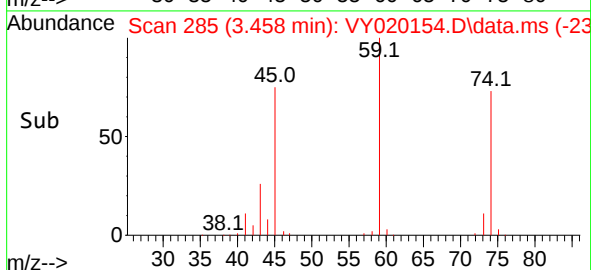
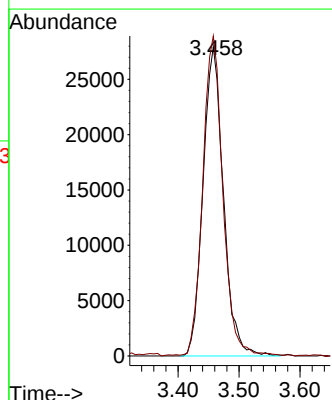
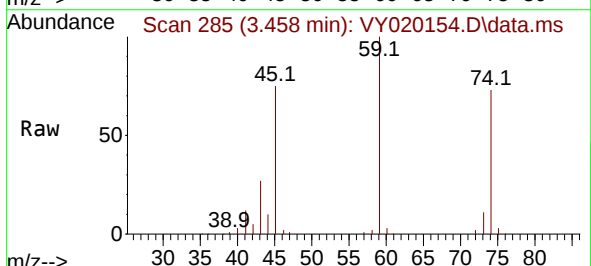
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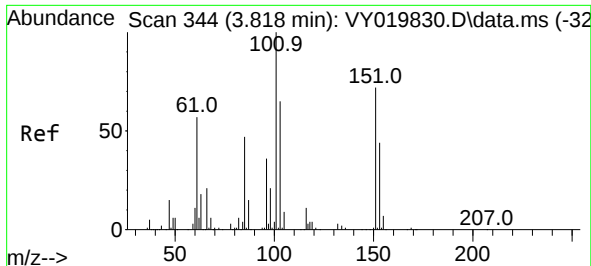
Tgt Ion:101 Resp: 220184
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 57.517 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

Tgt Ion: 74 Resp: 64969
 Ion Ratio Lower Upper
 74 100
 45 102.7 41.3 124.1

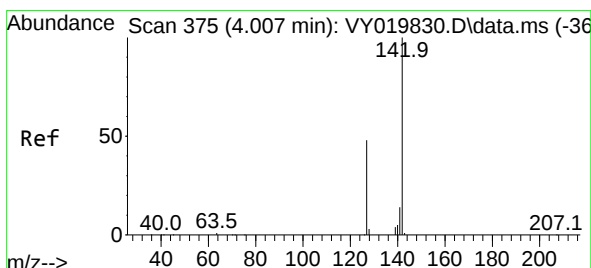
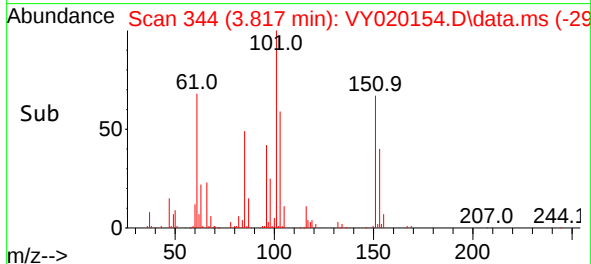
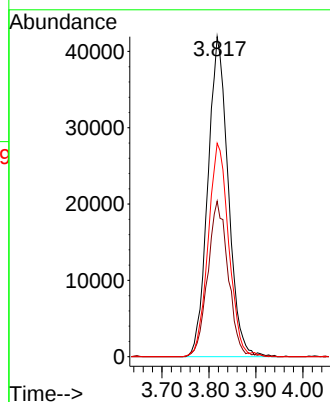
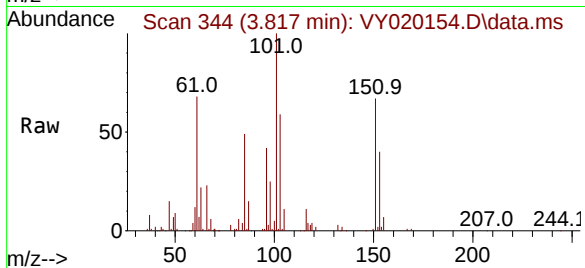




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.415 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020154.D
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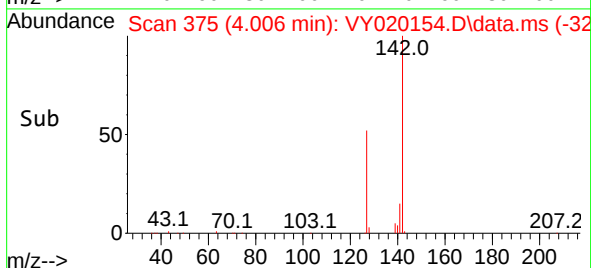
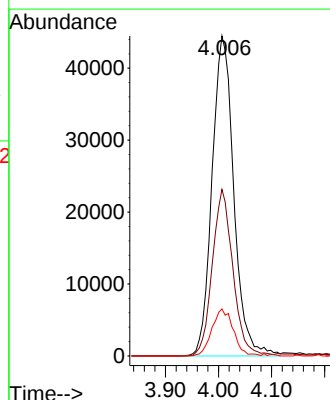
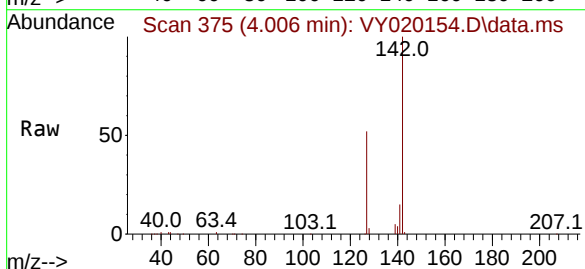
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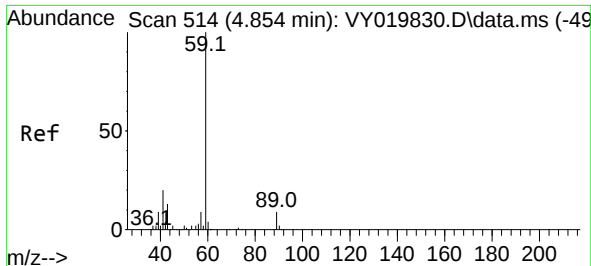
Tgt Ion:101 Resp: 125878
Ion Ratio Lower Upper
101 100
85 48.9 34.5 51.7
151 67.6 61.7 92.5



#10
Methyl Iodide
Concen: 57.826 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion:142 Resp: 126819
Ion Ratio Lower Upper
142 100
127 49.3 32.8 49.2#
141 14.4 11.4 17.2

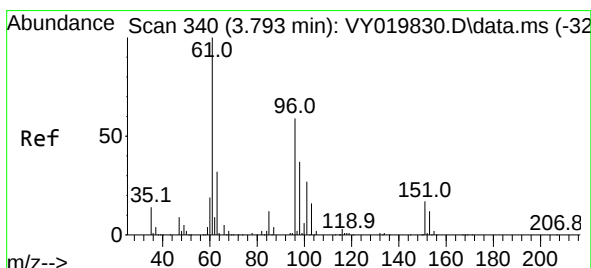
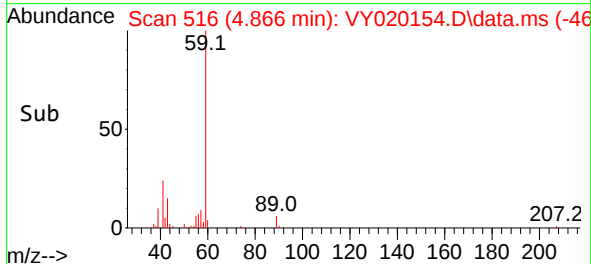
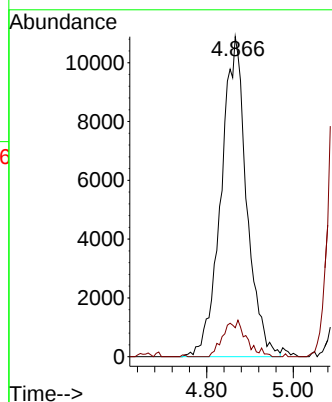
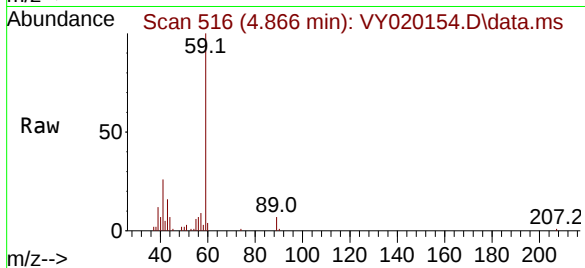




#11
Tert butyl alcohol
Concen: 247.591 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

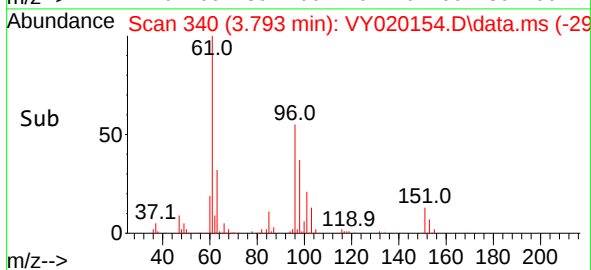
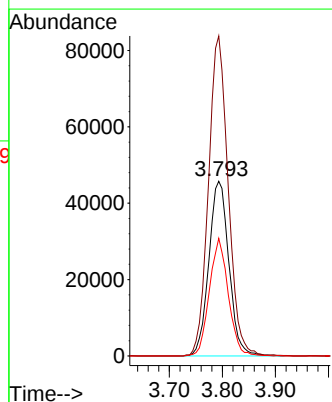
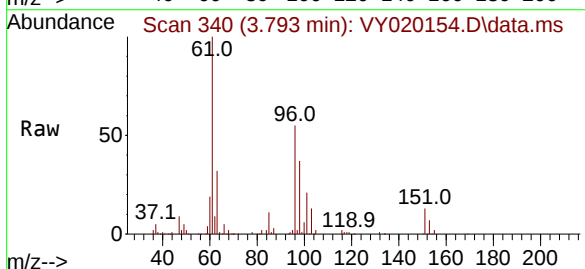
Instrument :
MSVOA_Y
ClientSampleId :

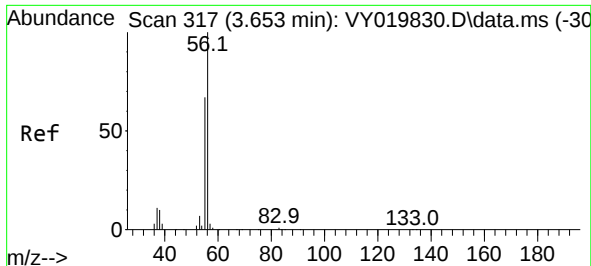
Tgt Ion: 59 Resp: 44766
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 55.386 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 96 Resp: 120376
Ion Ratio Lower Upper
96 100
61 183.1 114.6 171.8#
98 67.3 50.8 76.2





#13

Acrolein

Concen: 186.884 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

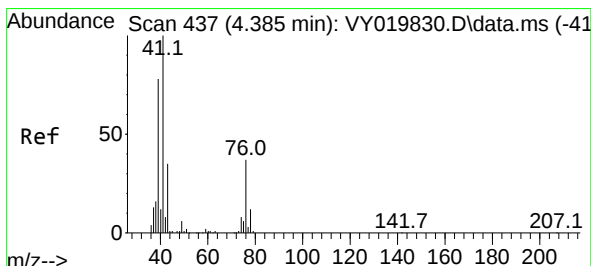
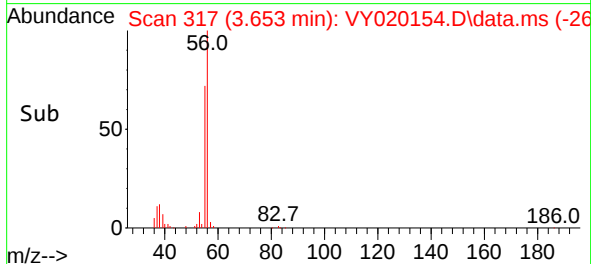
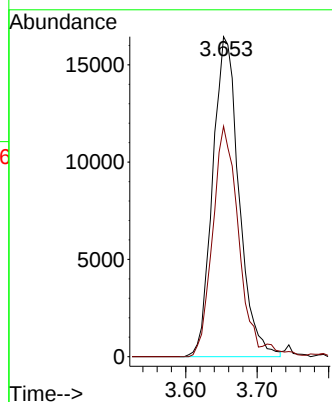
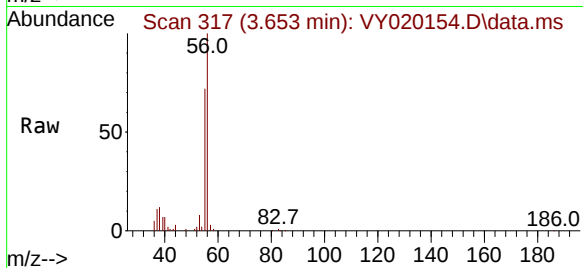
ClientSampleId :

Tgt Ion: 56 Resp: 42063

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 55.530 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

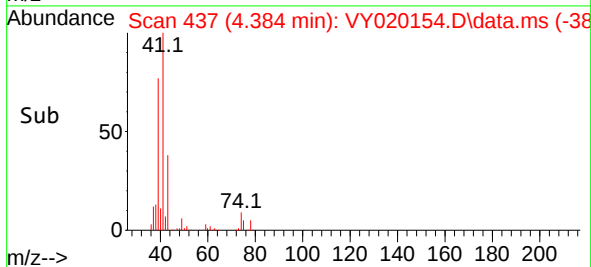
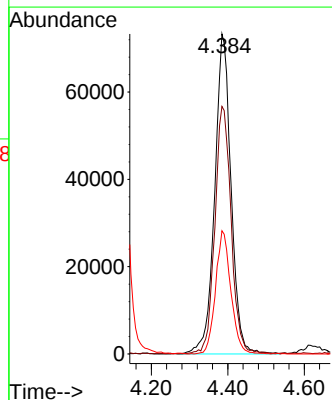
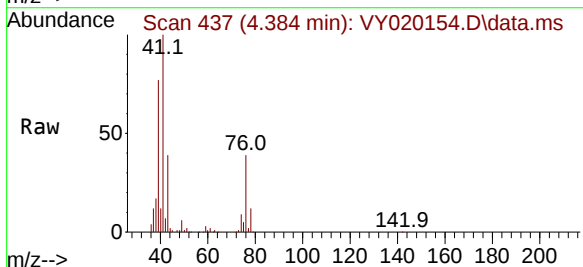
Tgt Ion: 41 Resp: 217743

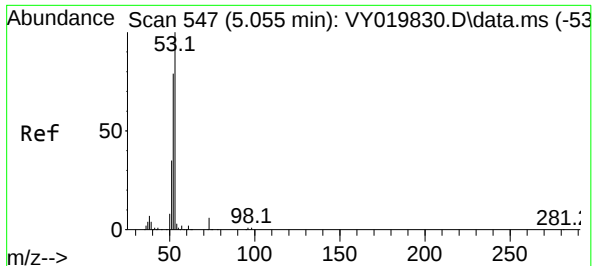
Ion Ratio Lower Upper

41 100

39 77.3 58.3 87.5

76 36.1 39.0 58.6#

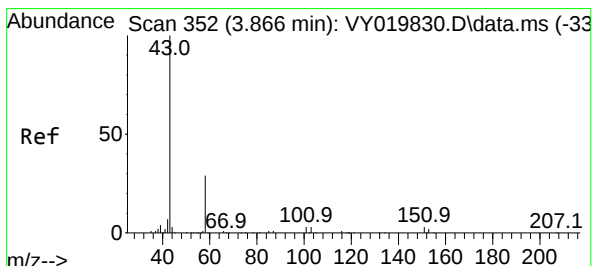
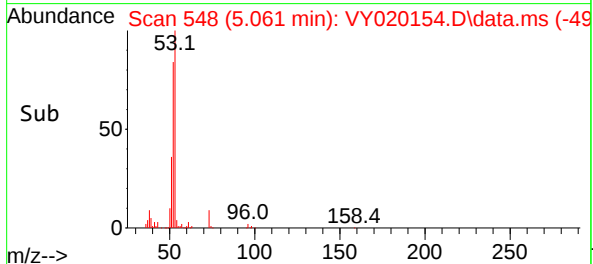
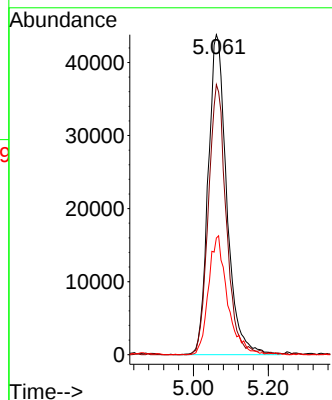
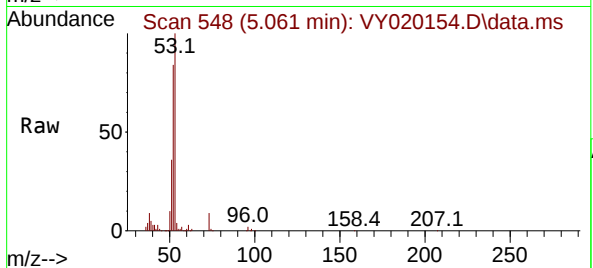




#15
Acrylonitrile
Concen: 293.392 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

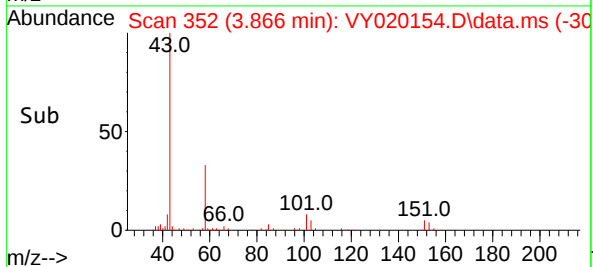
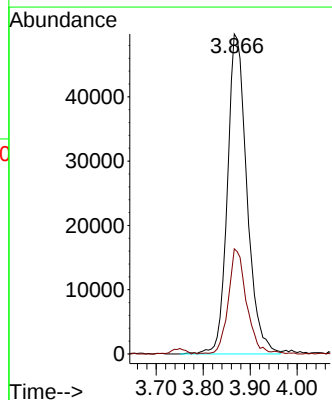
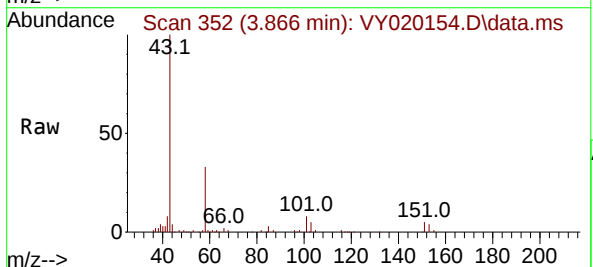
Instrument :
MSVOA_Y
ClientSampleId :

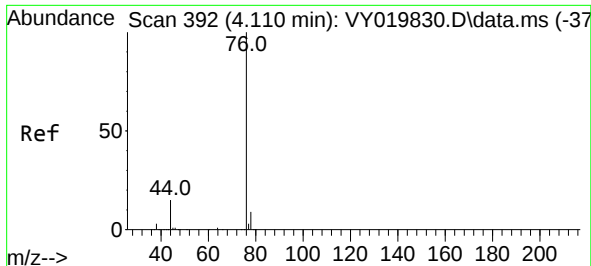
Tgt Ion: 53 Resp: 150854
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 245.453 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 43 Resp: 143481
Ion Ratio Lower Upper
43 100
58 32.3 31.7 47.5

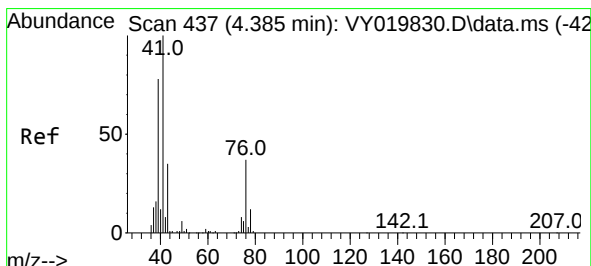
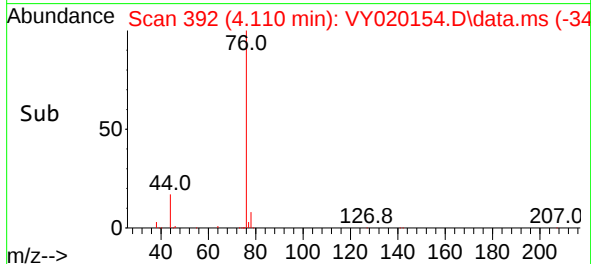
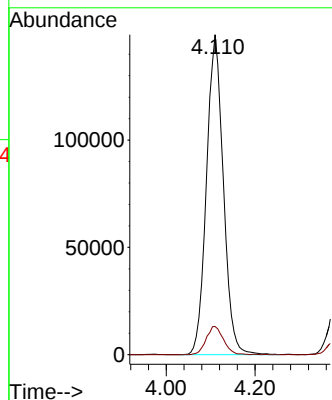
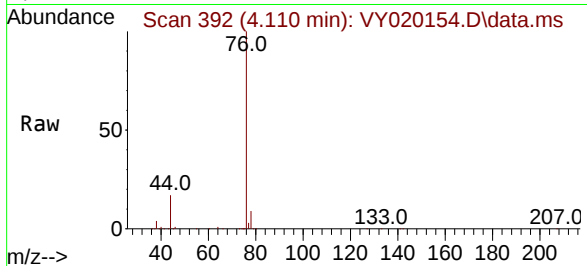




#17
Carbon Disulfide
Concen: 54.482 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

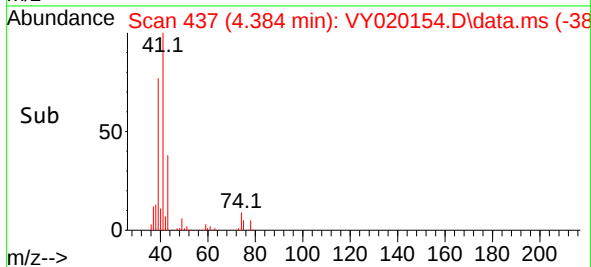
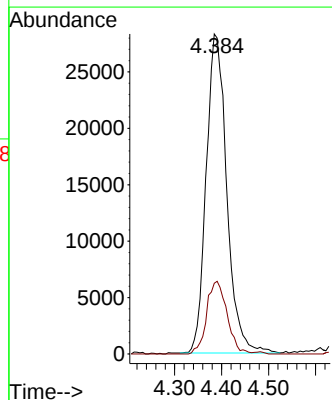
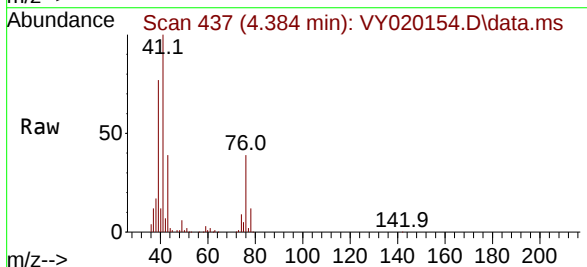
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 394054
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 62.694 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 43 Resp: 85986
Ion Ratio Lower Upper
43 100
74 22.6 23.3 34.9#

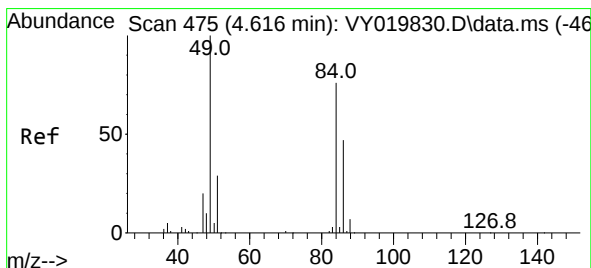
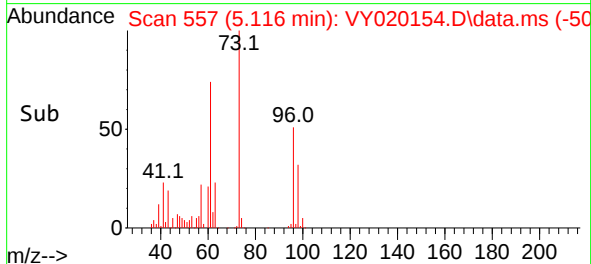
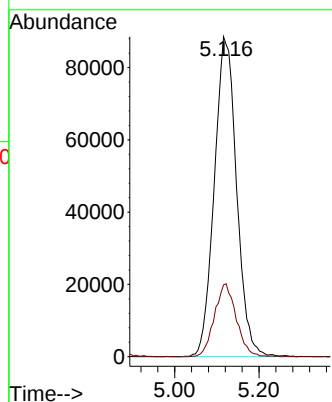
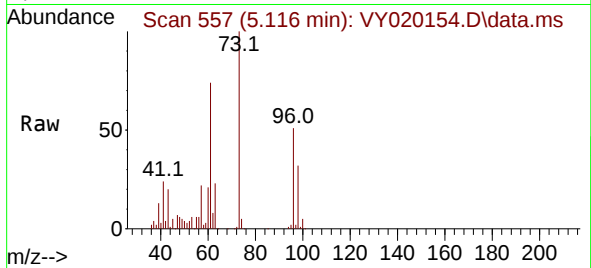




#19
Methyl tert-butyl Ether
Concen: 59.322 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

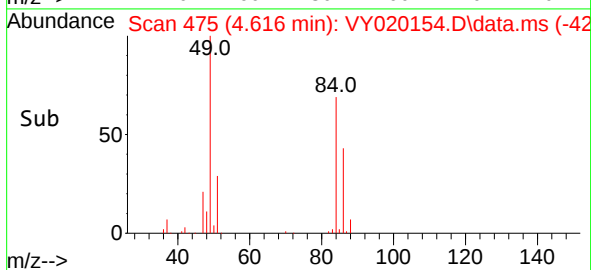
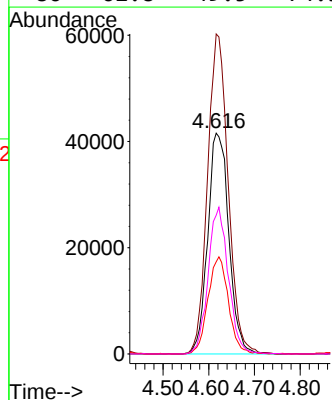
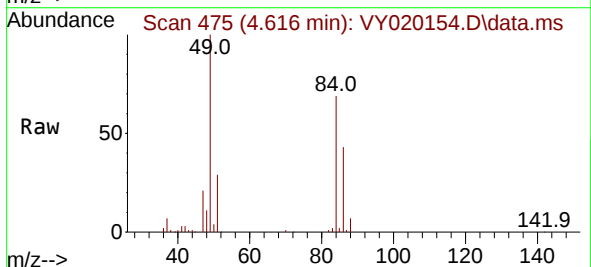
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 324359
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 50.746 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 84 Resp: 133256
Ion Ratio Lower Upper
84 100
49 144.9 84.4 126.6#
51 41.8 26.0 39.0#
86 62.8 49.5 74.3

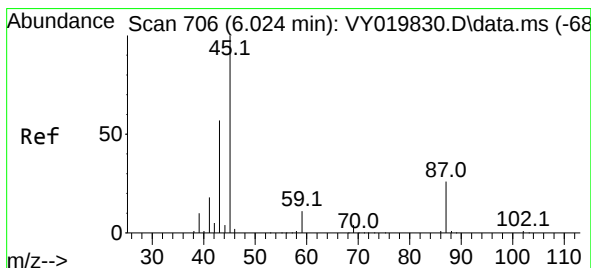
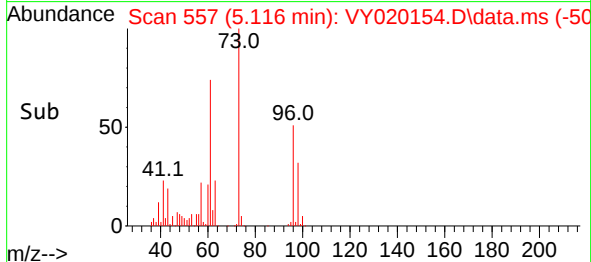
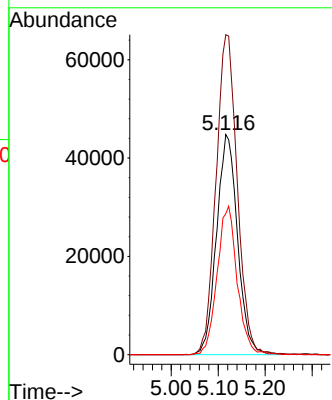
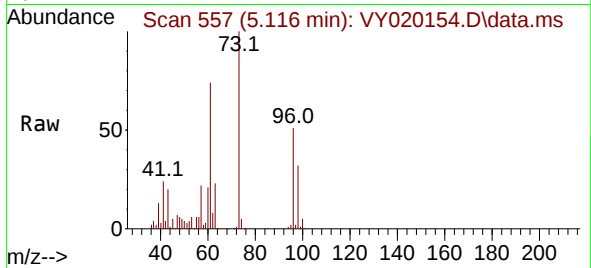




#21
trans-1,2-Dichloroethene
Concen: 56.801 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

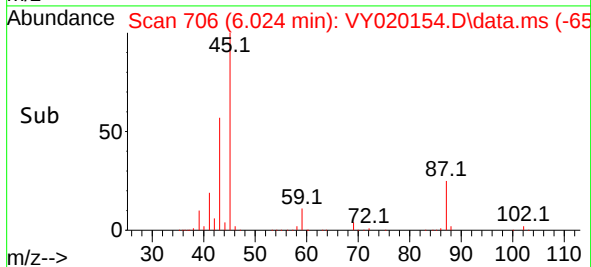
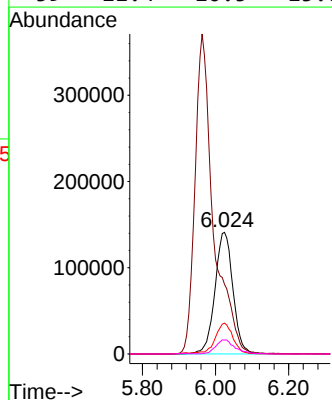
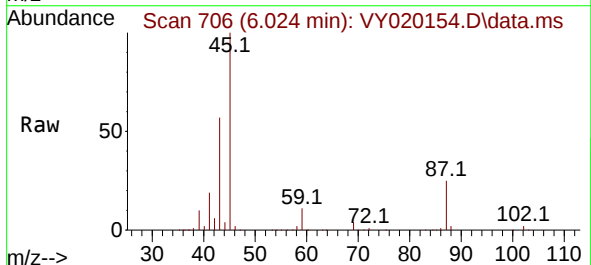
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 139224
Ion Ratio Lower Upper
96 100
61 145.3 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 59.339 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

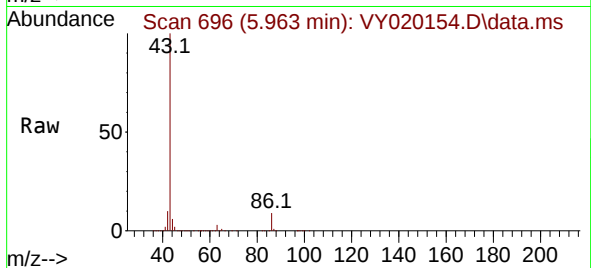
Tgt Ion: 45 Resp: 482854
Ion Ratio Lower Upper
45 100
43 56.8 42.2 63.2
87 25.4 25.0 37.6
59 11.4 10.5 15.7



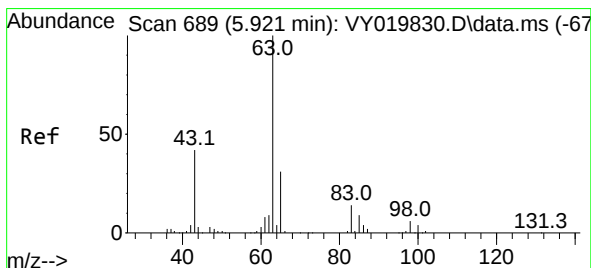
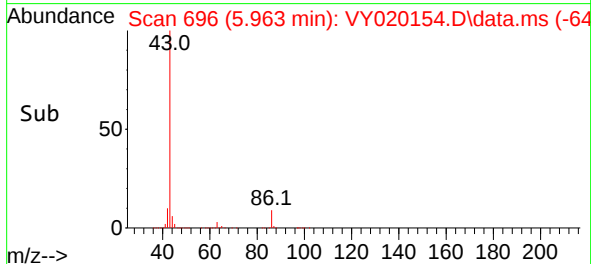
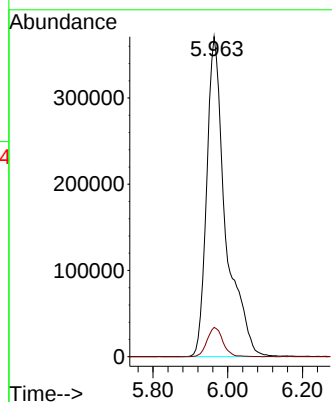


#23
 Vinyl Acetate
 Concen: 284.742 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

Instrument :
 MSVOA_Y
 ClientSampleId :

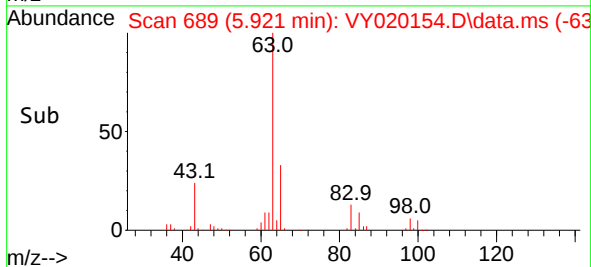
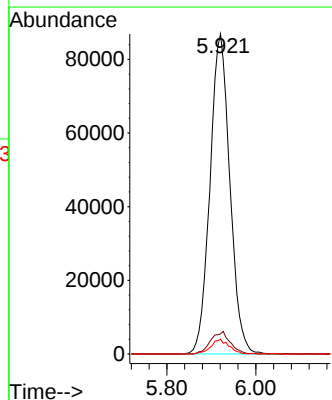
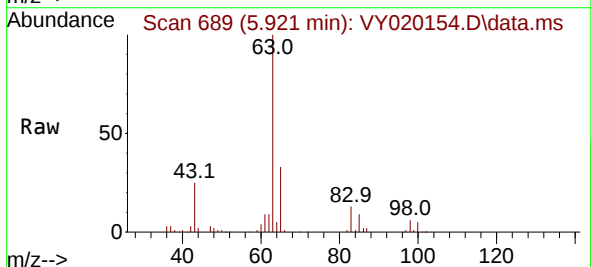


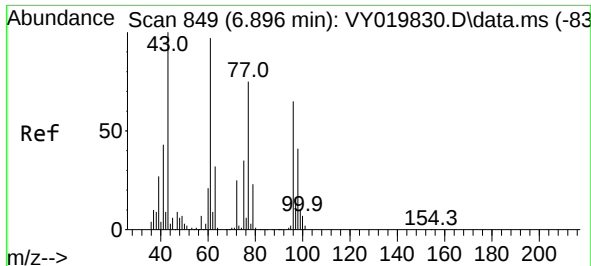
Tgt Ion: 43 Resp: 1303942
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 57.287 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

Tgt Ion: 63 Resp: 269922
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 4.6 2.6 8.0

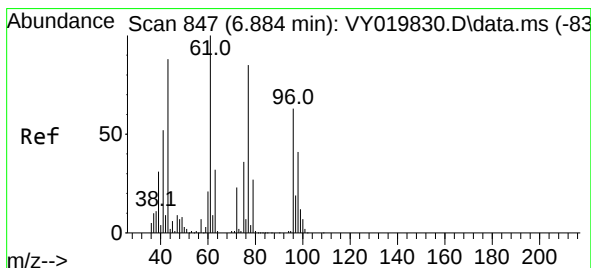
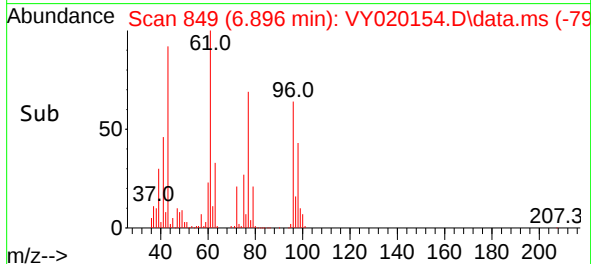
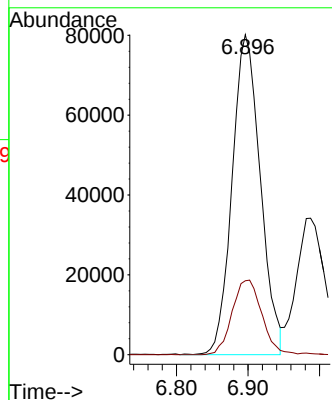
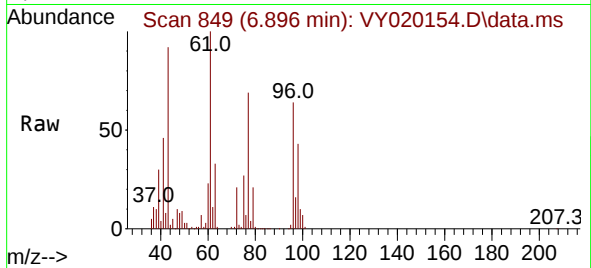




#25
2-Butanone
Concen: 277.091 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

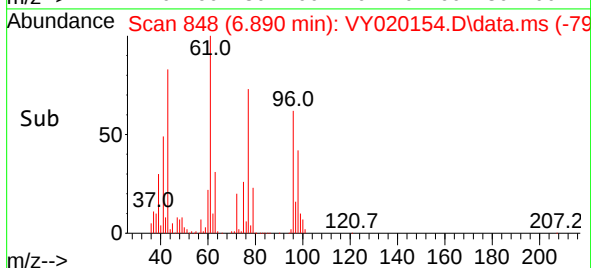
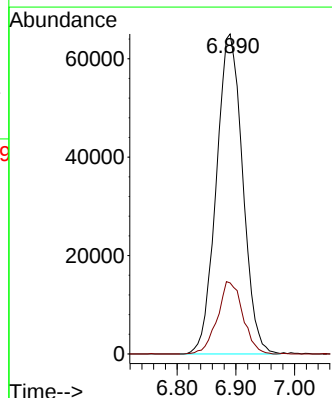
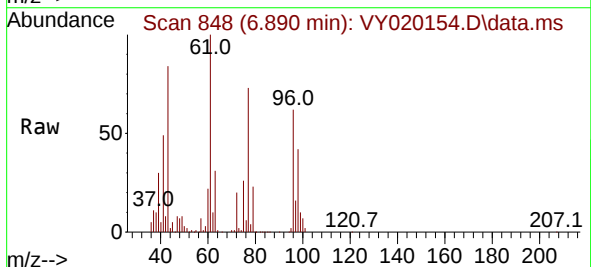
Instrument :
MSVOA_Y
ClientSampleId :

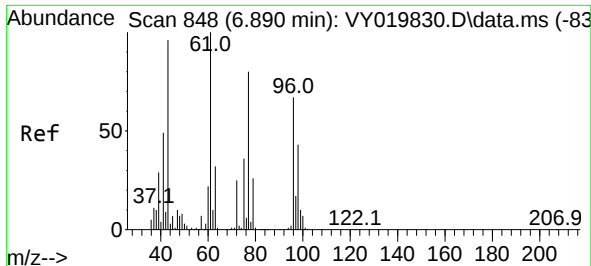
Tgt Ion: 43 Resp: 219564
Ion Ratio Lower Upper
43 100
72 23.1 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 51.696 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

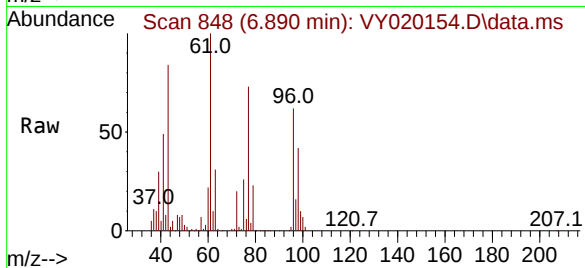
Tgt Ion: 77 Resp: 202665
Ion Ratio Lower Upper
77 100
97 21.8 12.0 36.1



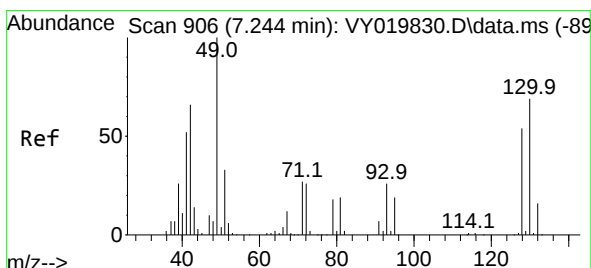
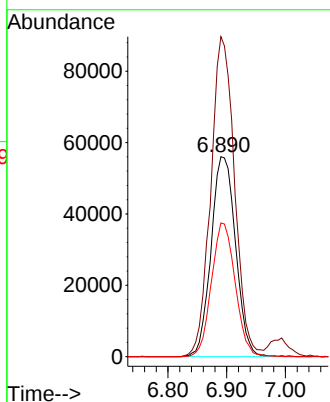
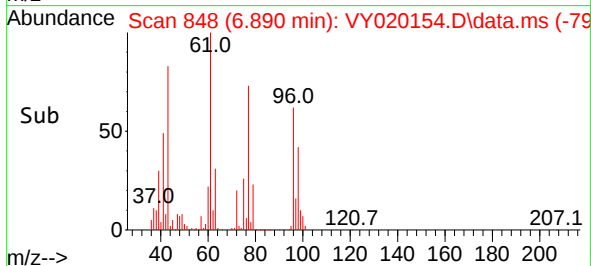


#27
 cis-1,2-Dichloroethene
 Concen: 57.641 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

Instrument :
 MSVOA_Y
 ClientSampleId :

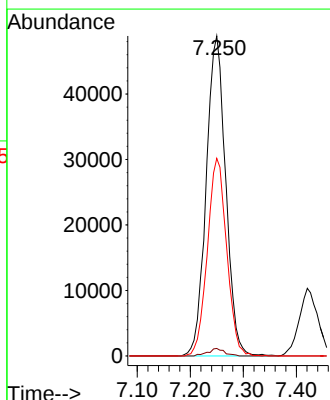
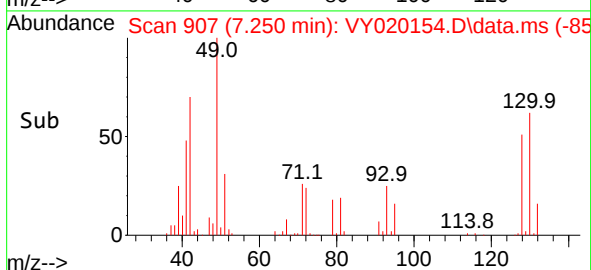
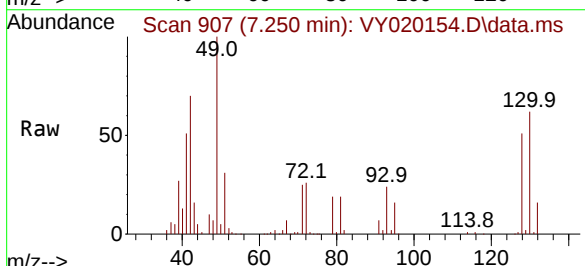


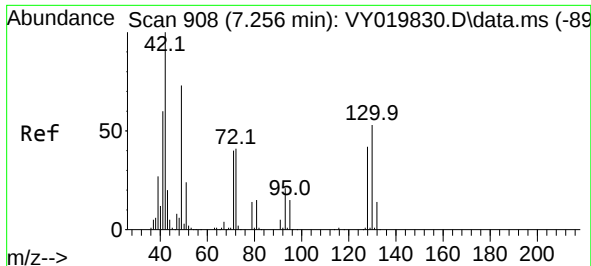
Tgt Ion: 96 Resp: 162409
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 256.2
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 56.632 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

Tgt Ion: 49 Resp: 124946
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 61.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 302.453 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

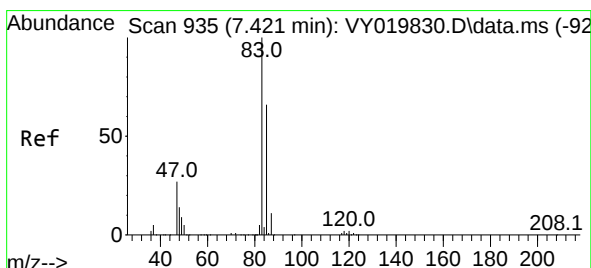
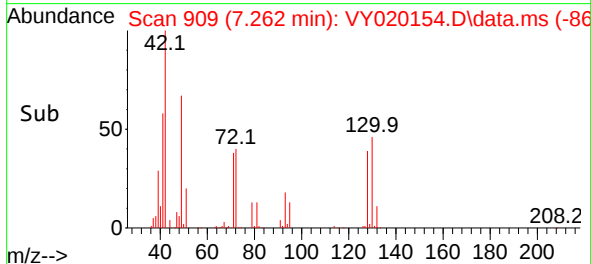
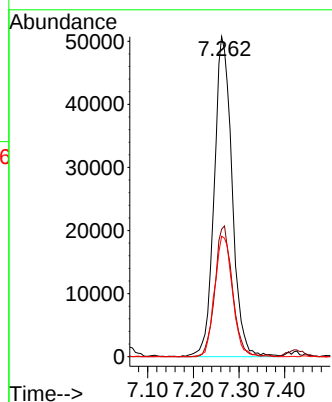
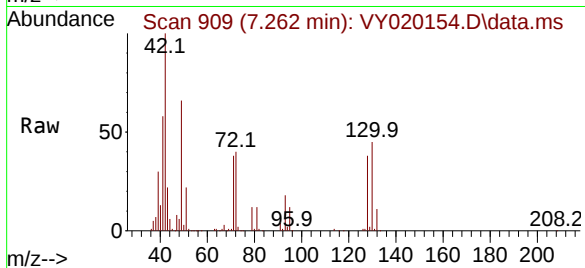
Tgt Ion: 42 Resp: 138309

Ion Ratio Lower Upper

42 100

72 39.7 43.0 64.4#

71 37.7 40.8 61.2#



#30

Chloroform

Concen: 58.349 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020154.D

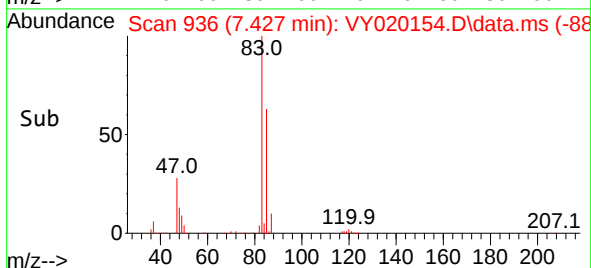
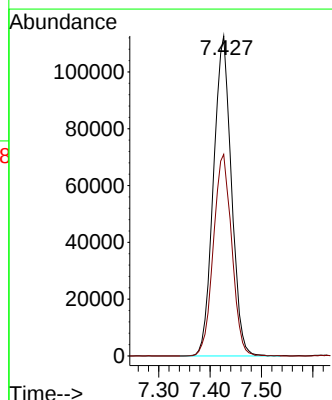
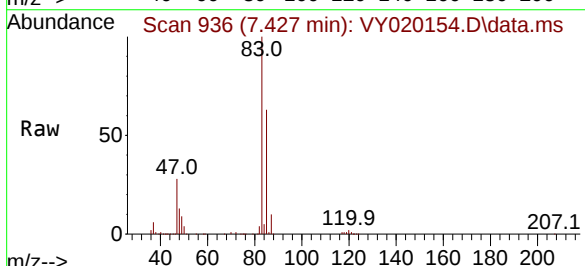
Acq: 04 Nov 2024 19:39

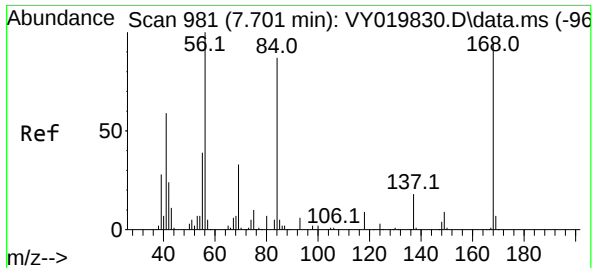
Tgt Ion: 83 Resp: 272817

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

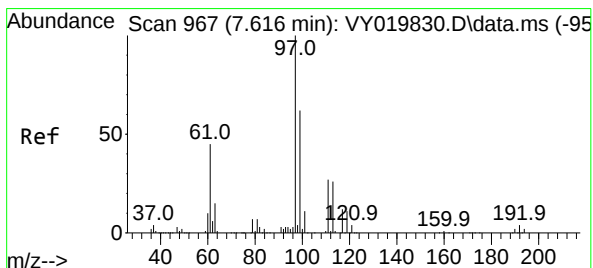
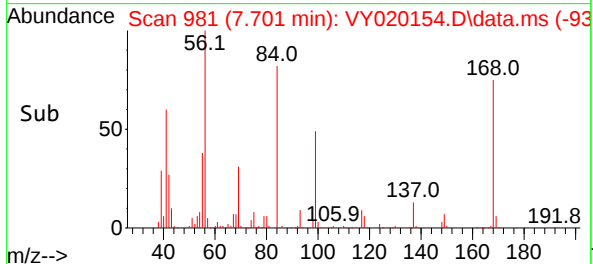
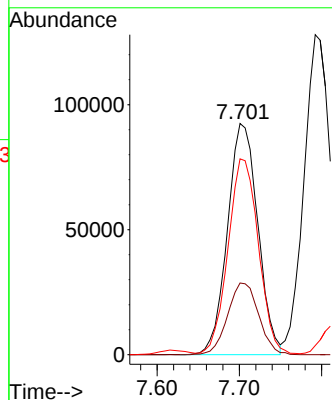
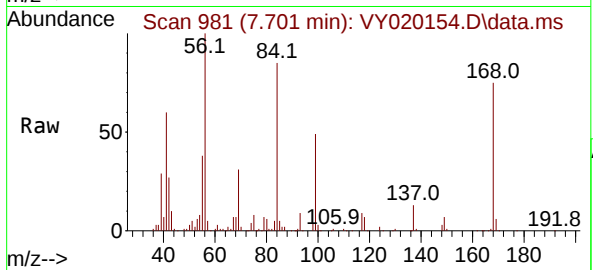




#31
Cyclohexane
Concen: 52.119 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

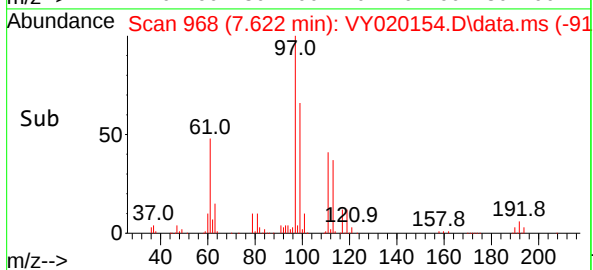
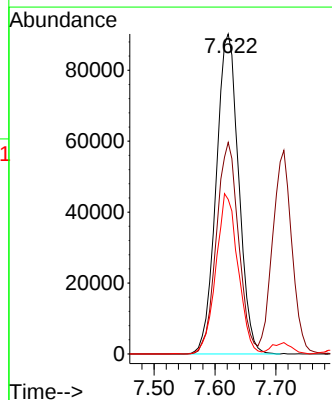
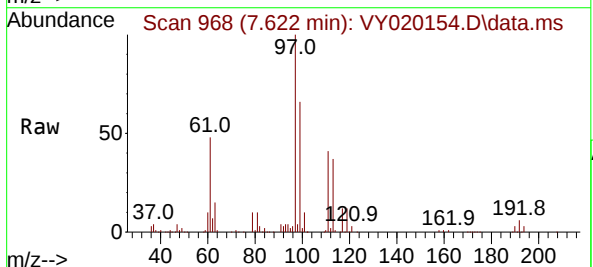
Instrument :
MSVOA_Y
ClientSampleId :

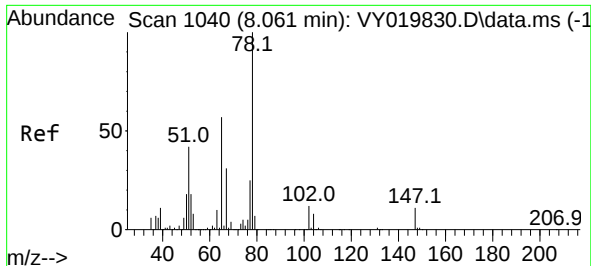
Tgt Ion: 56 Resp: 237742
Ion Ratio Lower Upper
56 100
69 31.0 28.7 43.1
84 83.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.755 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 97 Resp: 231681
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 49.3 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 58.702 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

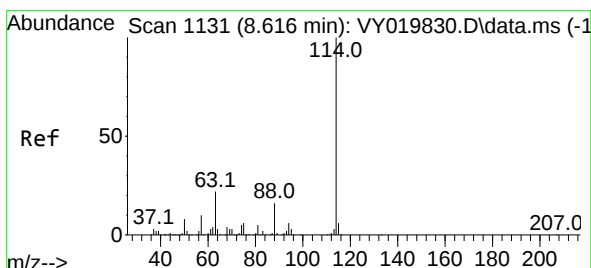
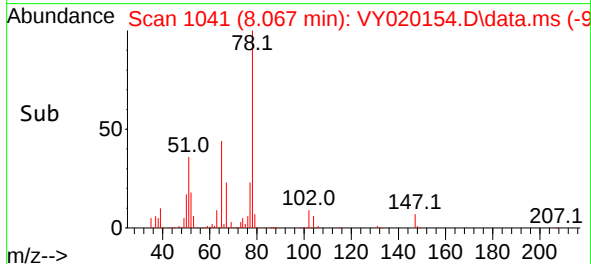
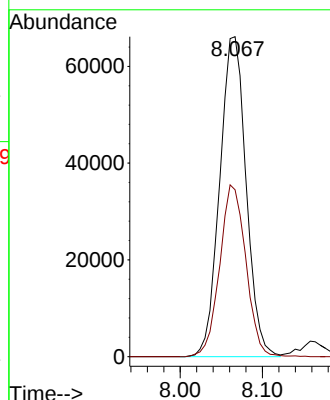
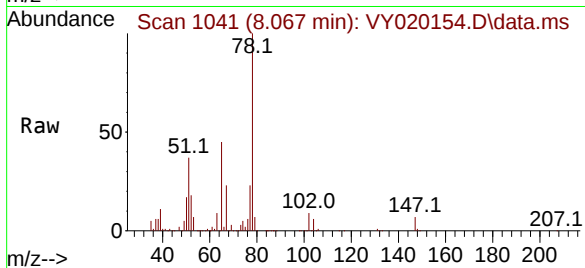
ClientSampleId :

Tgt Ion: 65 Resp: 147556

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

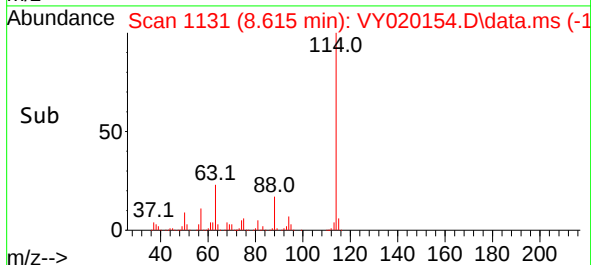
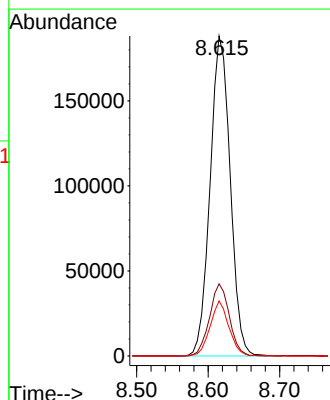
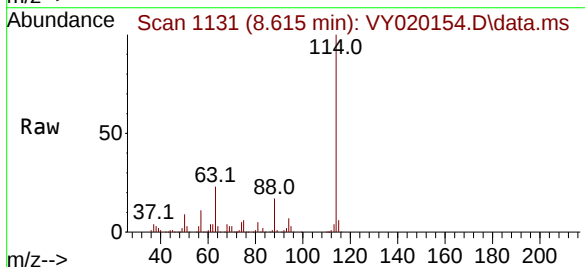
Tgt Ion: 114 Resp: 367387

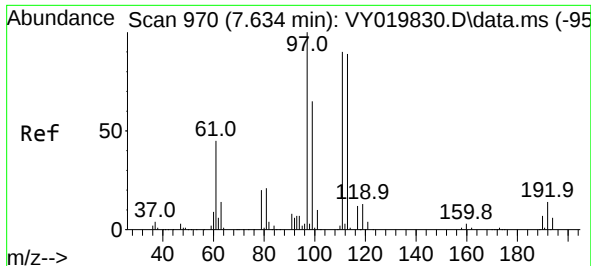
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 17.2 0.0 27.2

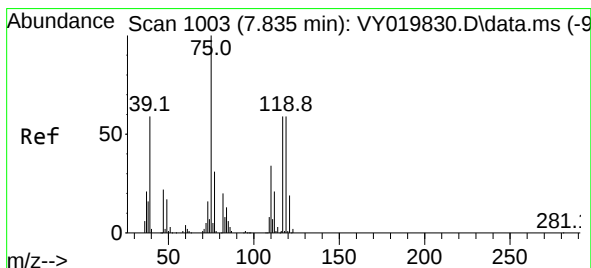
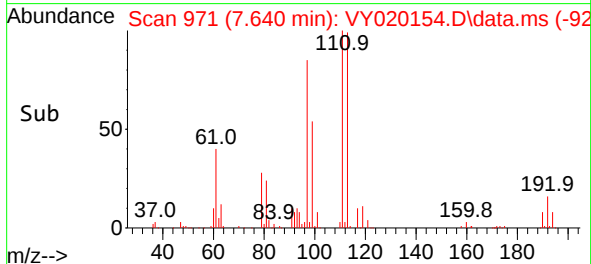
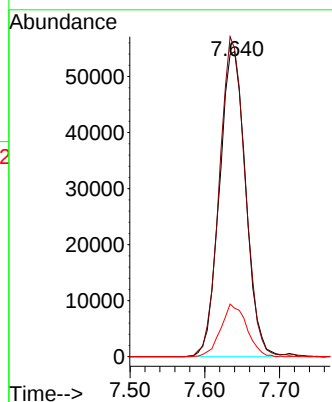
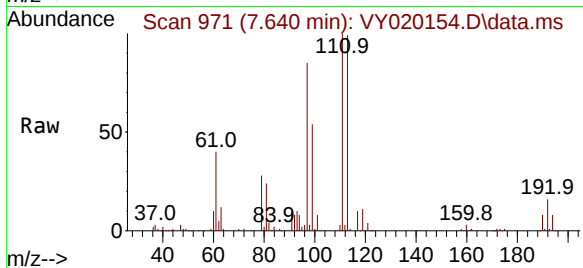




#35
Dibromofluoromethane
Concen: 57.052 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

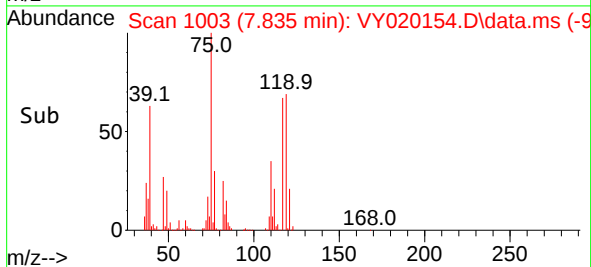
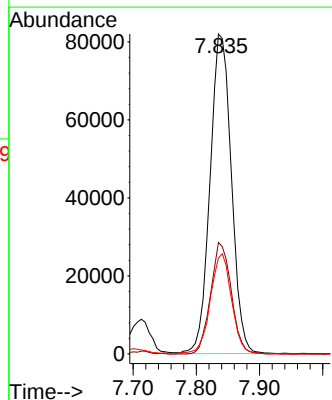
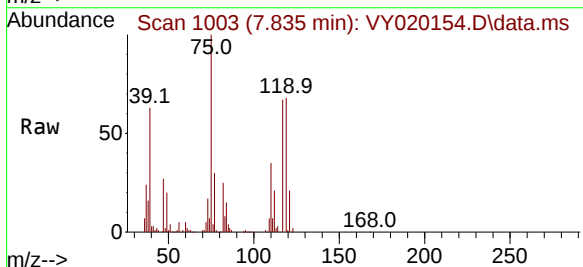
Instrument :
MSVOA_Y
ClientSampleId :

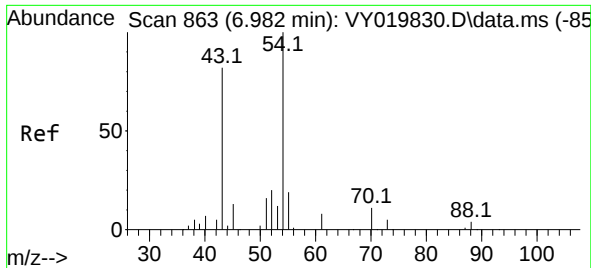
Tgt Ion:113 Resp: 133264
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 53.141 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 75 Resp: 191748
Ion Ratio Lower Upper
75 100
110 33.7 19.0 57.0
77 31.2 25.3 37.9

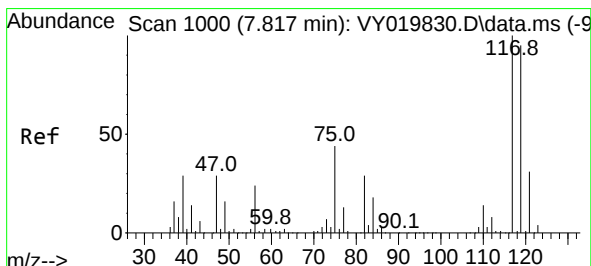
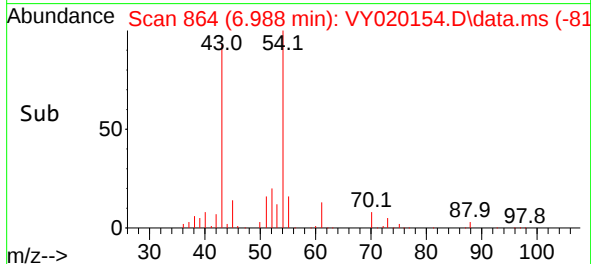
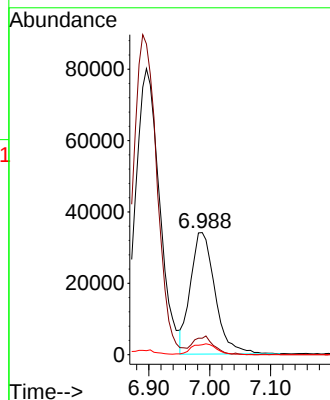
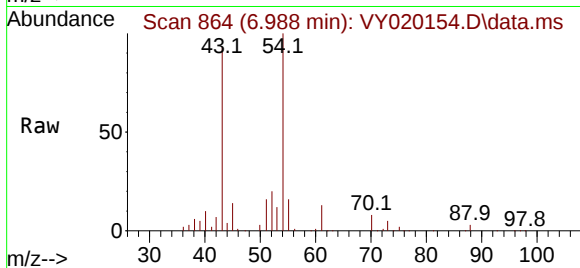




#37
Ethyl Acetate
Concen: 55.549 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

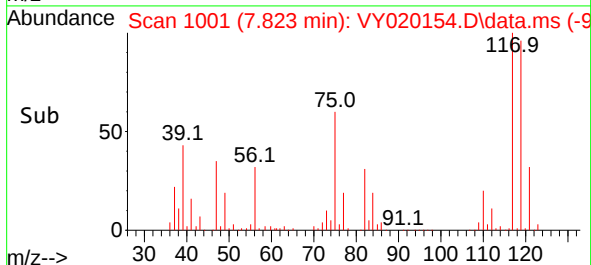
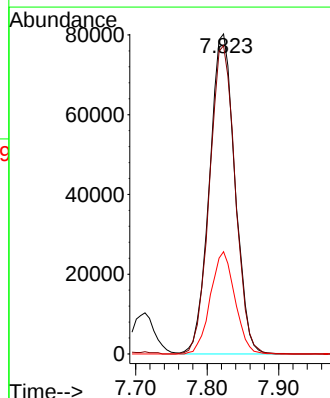
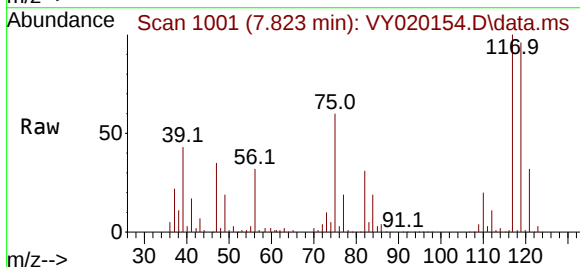
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 95563
Ion Ratio Lower Upper
43 100
61 12.6 12.6 19.0#
70 9.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.639 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 117 Resp: 198255
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 31.9 24.0 36.0





#39

Methylcyclohexane

Concen: 54.597 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

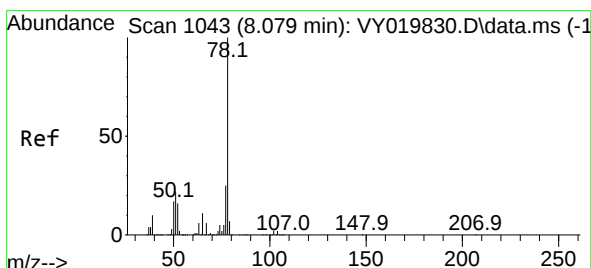
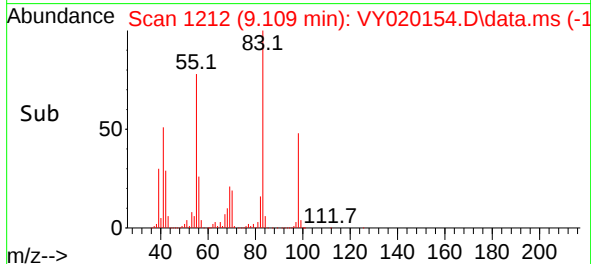
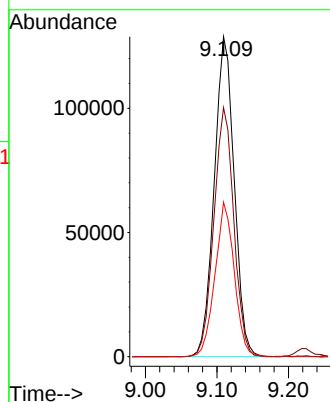
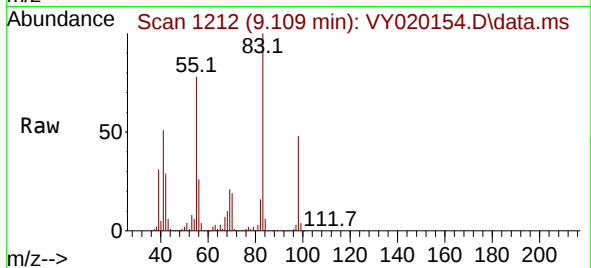
Tgt Ion: 83 Resp: 250033

Ion Ratio Lower Upper

83 100

55 77.9 51.5 77.3#

98 48.2 40.5 60.7



#40

Benzene

Concen: 57.176 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020154.D

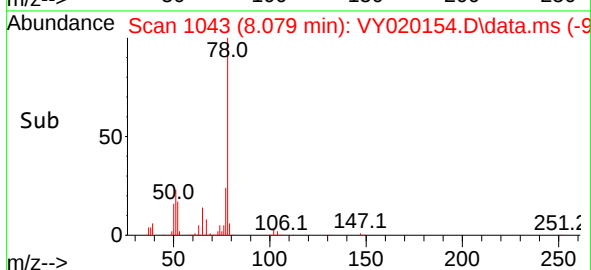
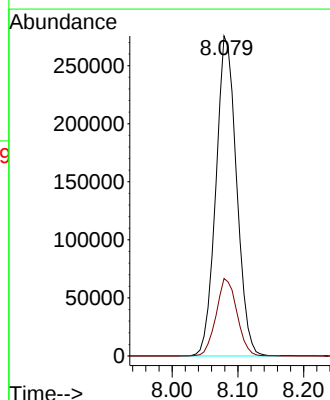
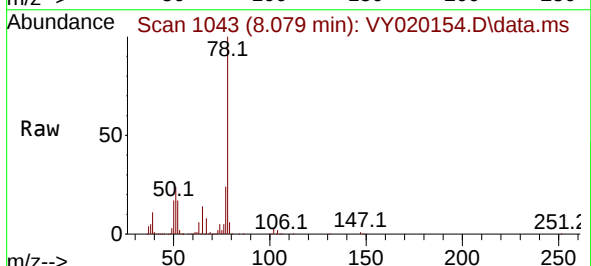
Acq: 04 Nov 2024 19:39

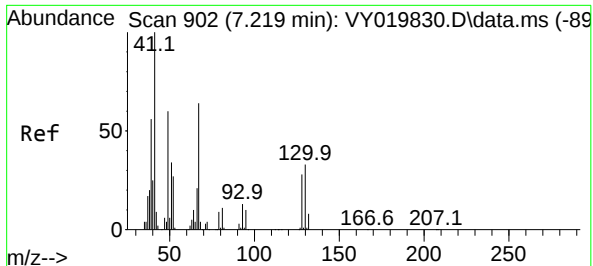
Tgt Ion: 78 Resp: 602181

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

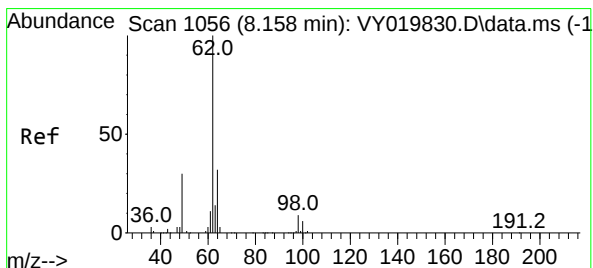
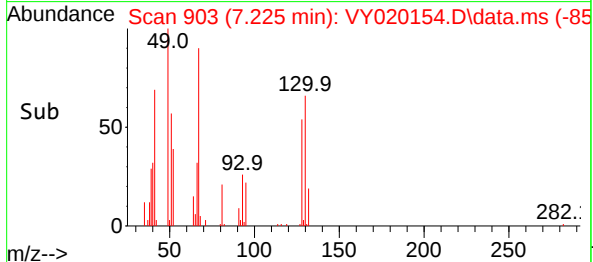
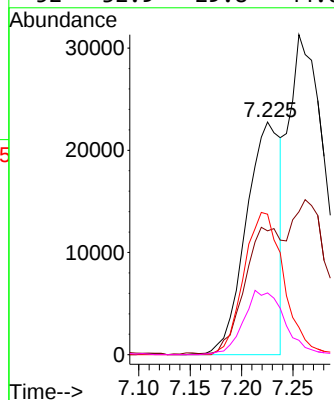
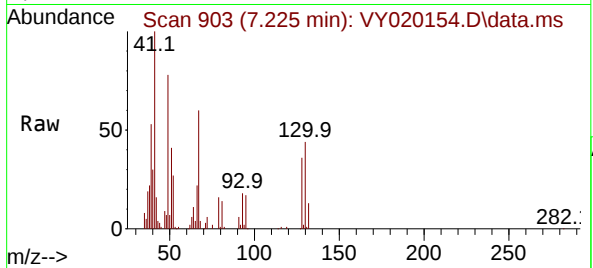




#41
Methacrylonitrile
Concen: 61.349 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

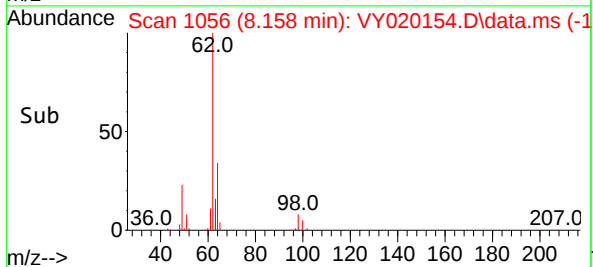
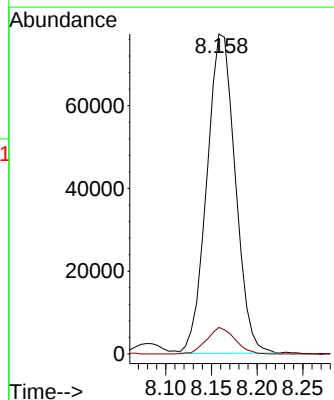
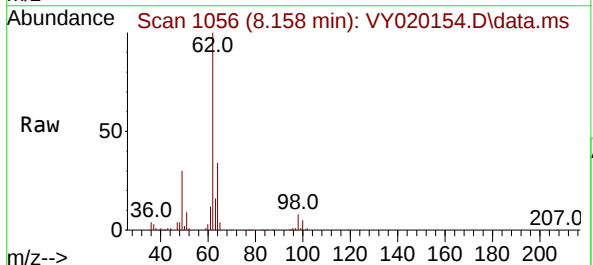
Instrument :
MSVOA_Y
ClientSampleId :

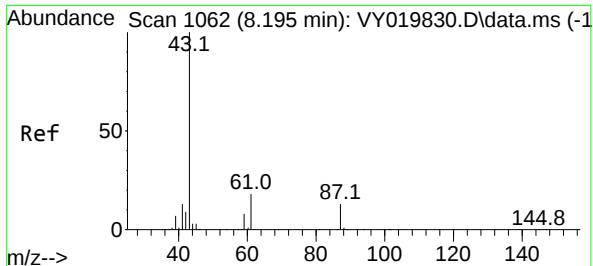
Tgt Ion: 41 Resp: 52869
Ion Ratio Lower Upper
41 100
39 63.2 48.0 72.0
67 71.6 75.1 112.7#
52 32.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 57.421 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 62 Resp: 167399
Ion Ratio Lower Upper
62 100
98 8.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 56.895 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

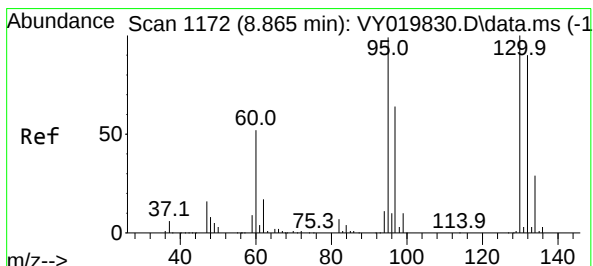
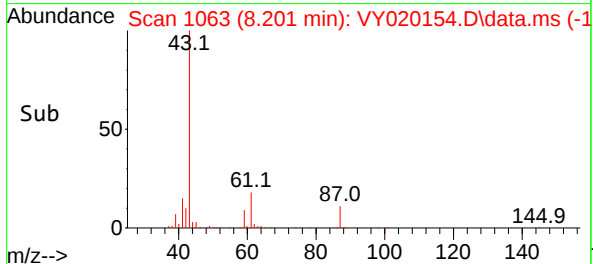
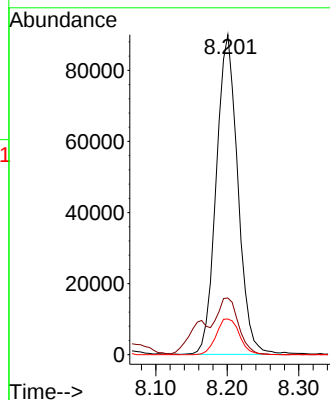
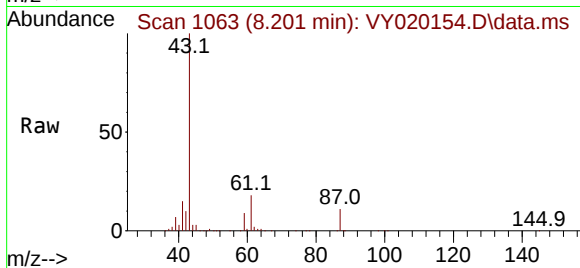
Tgt Ion: 43 Resp: 188217

Ion Ratio Lower Upper

43 100

61 17.9 27.9 41.9#

87 12.1 13.1 19.7#



#44

Trichloroethene

Concen: 54.563 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020154.D

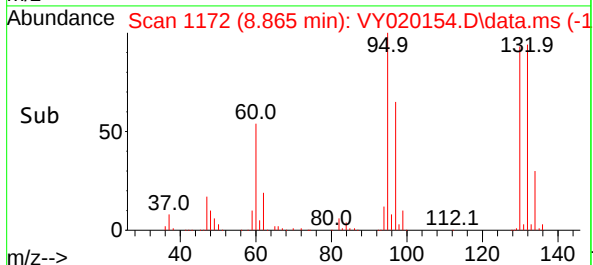
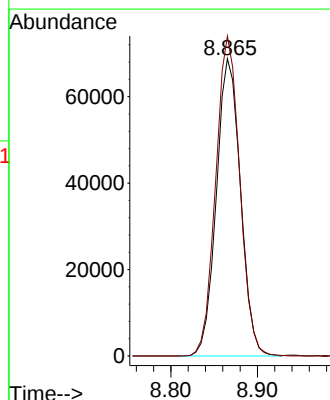
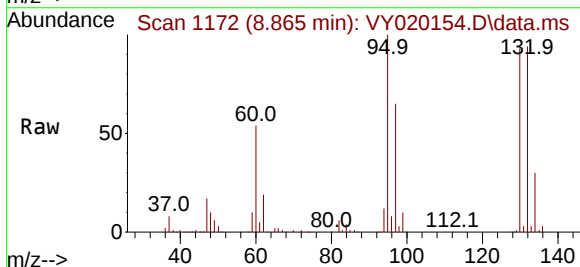
Acq: 04 Nov 2024 19:39

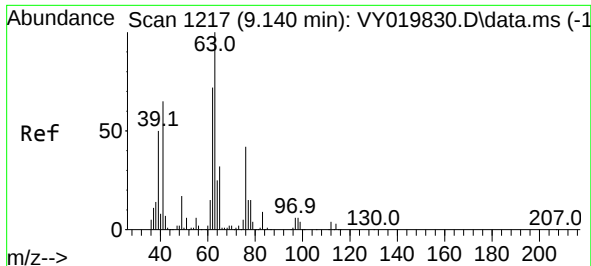
Tgt Ion:130 Resp: 133190

Ion Ratio Lower Upper

130 100

95 107.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 58.098 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

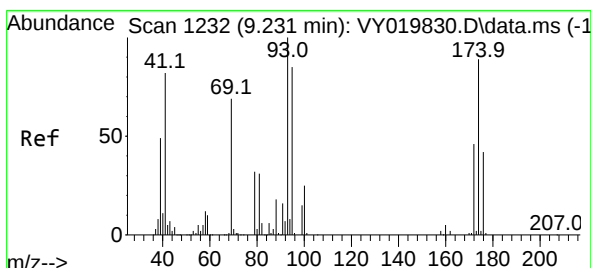
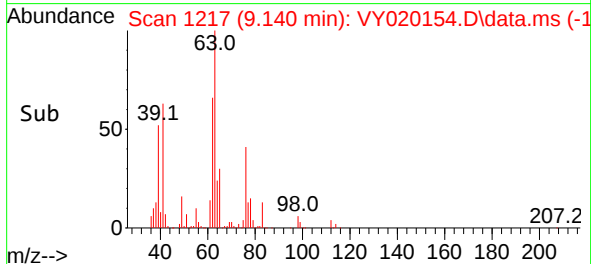
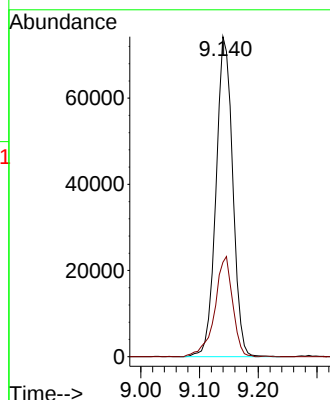
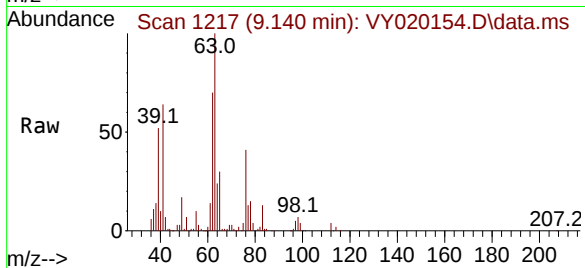
ClientSampleId :

Tgt Ion: 63 Resp: 146397

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.2



#46

Dibromomethane

Concen: 56.964 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

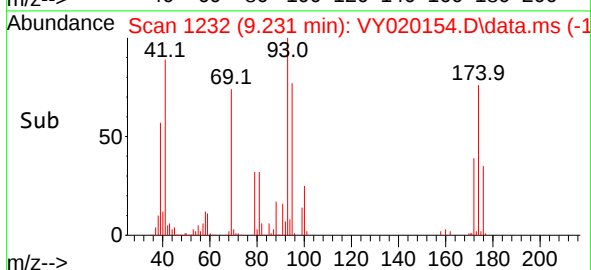
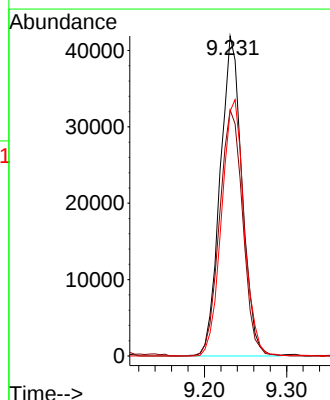
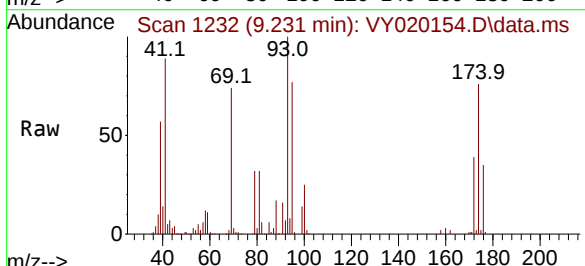
Tgt Ion: 93 Resp: 77776

Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 81.8 80.9 121.3

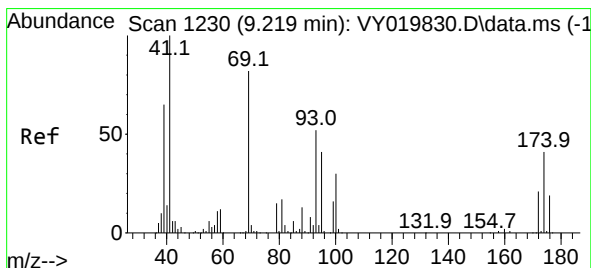
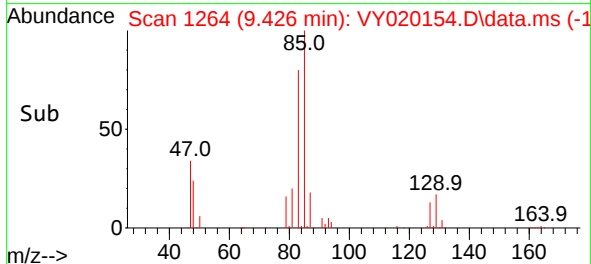
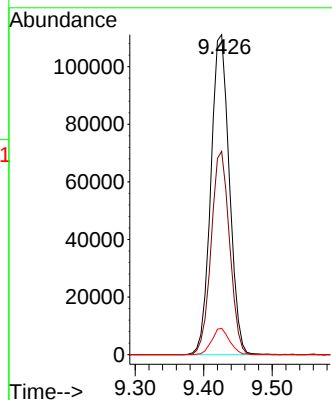
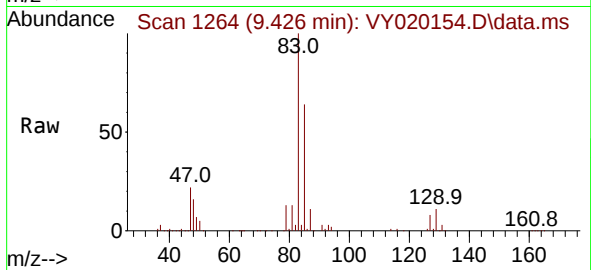




#47
Bromodichloromethane
Concen: 58.257 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

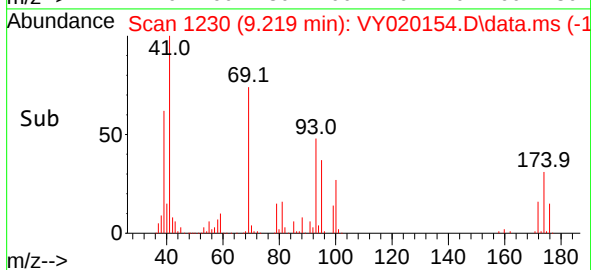
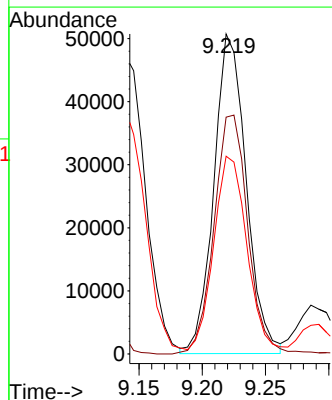
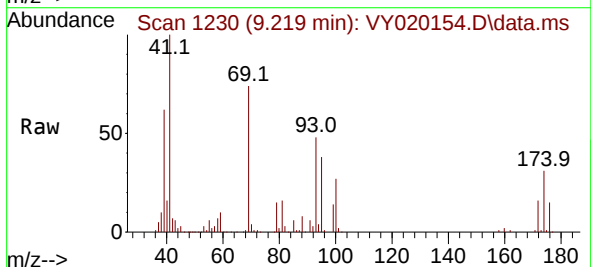
Instrument :
MSVOA_Y
ClientSampleId :

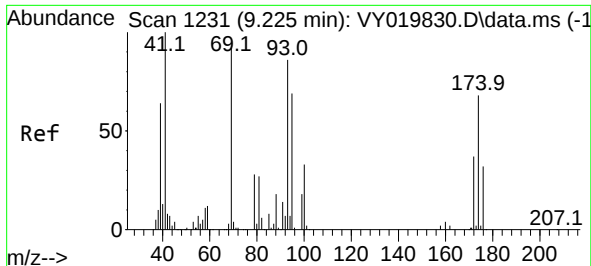
Tgt Ion: 83 Resp: 208378
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 58.749 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 41 Resp: 90023
Ion Ratio Lower Upper
41 100
69 78.6 84.1 126.1#
39 61.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1136.871 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

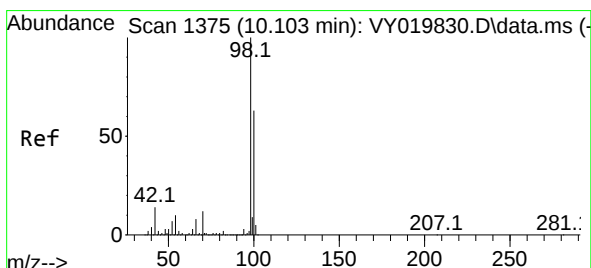
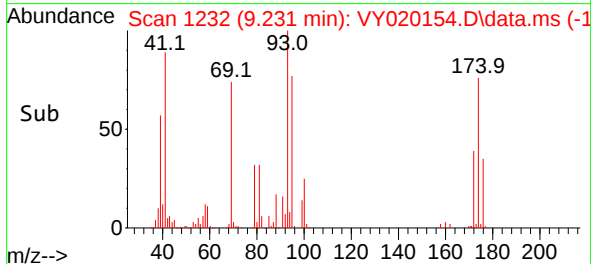
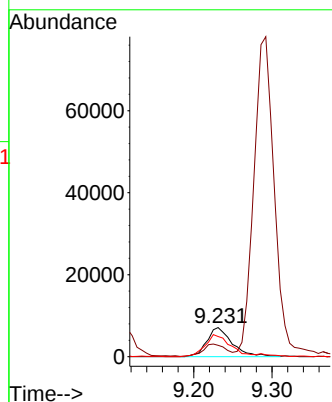
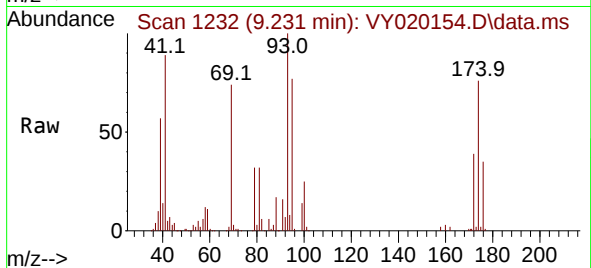
Tgt Ion: 88 Resp: 15981

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 75.6 49.3 73.9#



#50

Toluene-d8

Concen: 57.371 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020154.D

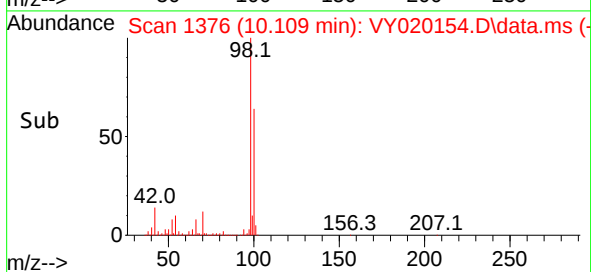
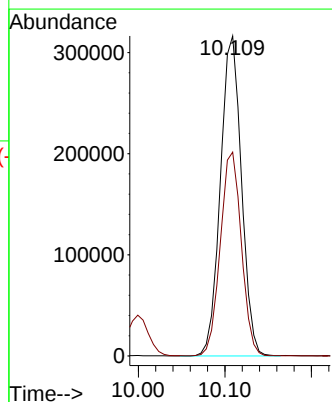
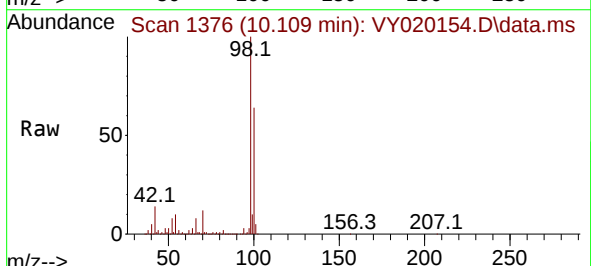
Acq: 04 Nov 2024 19:39

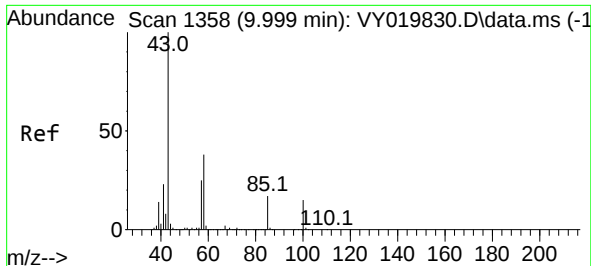
Tgt Ion: 98 Resp: 533417

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 299.493 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

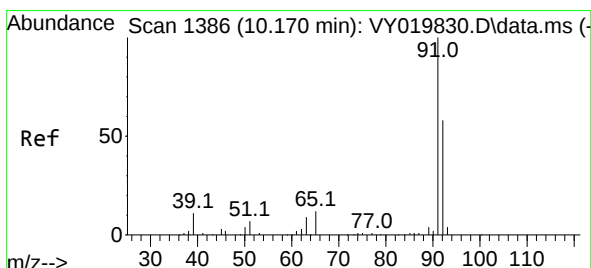
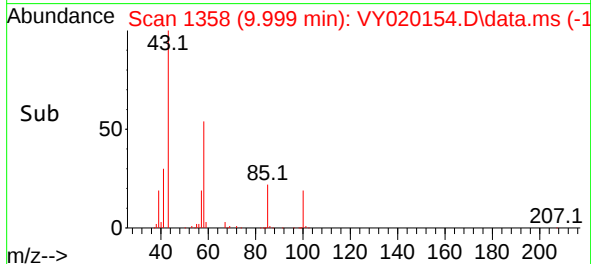
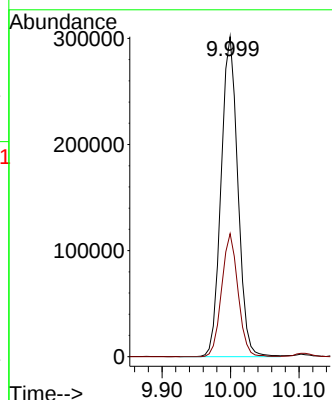
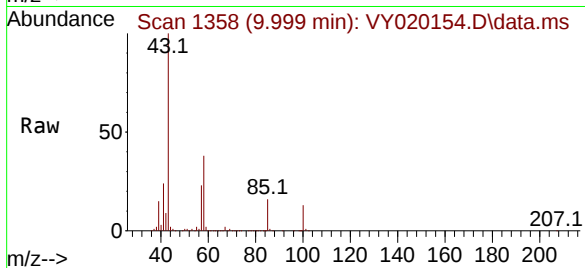
ClientSampleId :

Tgt Ion: 43 Resp: 510509

Ion Ratio Lower Upper

43 100

58 37.6 35.7 53.5



#52

Toluene

Concen: 58.071 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020154.D

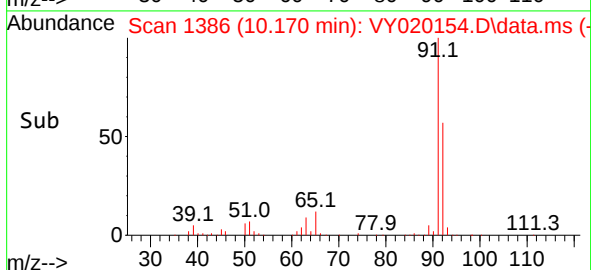
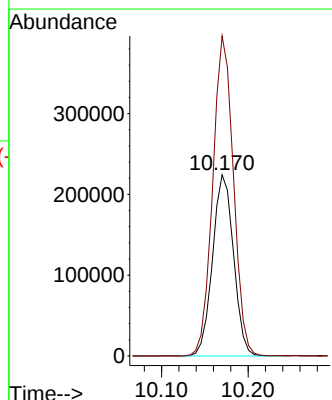
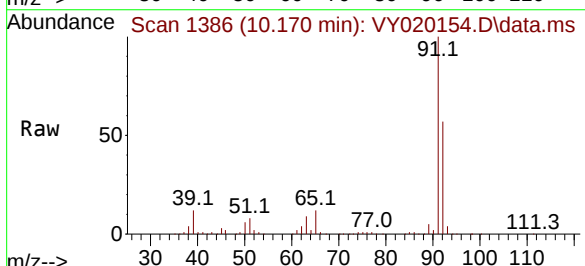
Acq: 04 Nov 2024 19:39

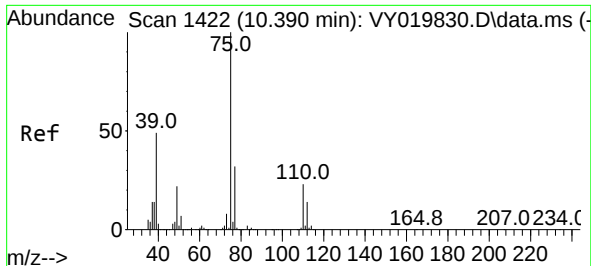
Tgt Ion: 92 Resp: 377009

Ion Ratio Lower Upper

92 100

91 174.5 139.0 208.6

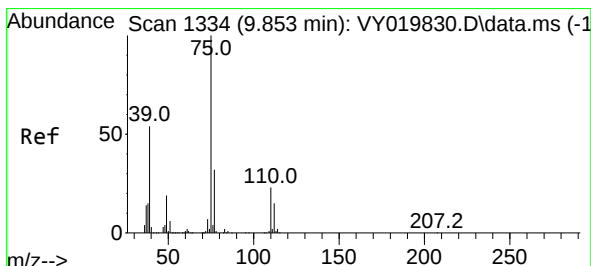
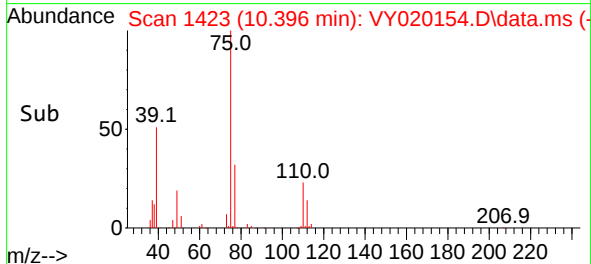
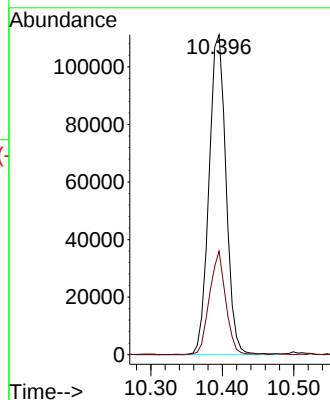
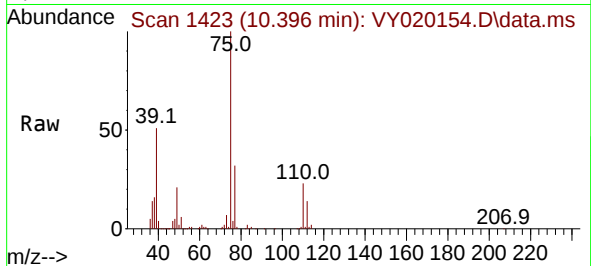




#53
t-1,3-Dichloropropene
Concen: 58.247 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

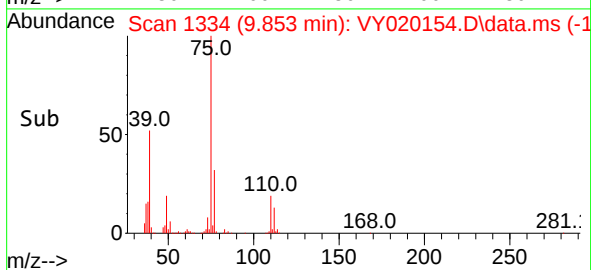
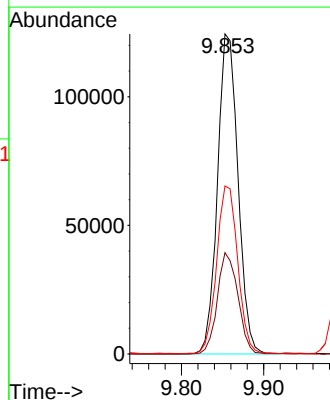
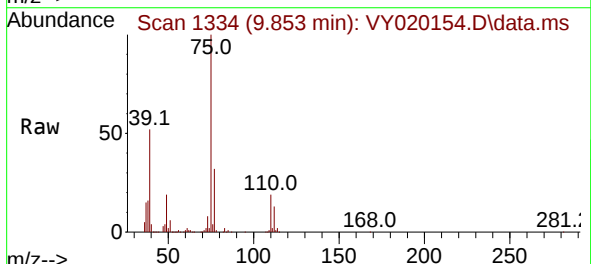
Instrument :
MSVOA_Y
ClientSampleId :

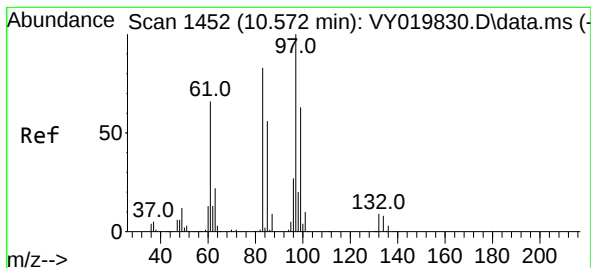
Tgt Ion: 75 Resp: 183977
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 57.273 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 75 Resp: 215920
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 52.4 29.8 44.6#

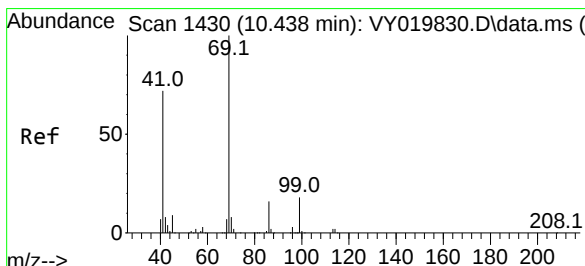
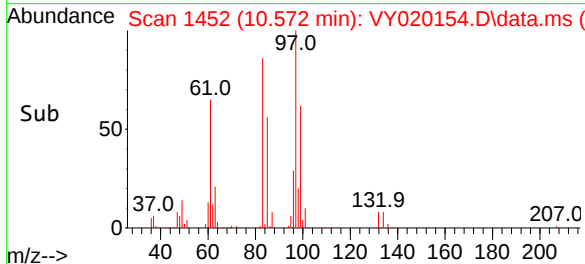
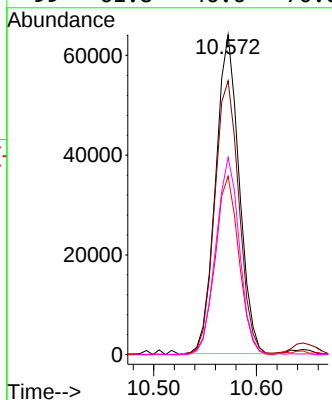
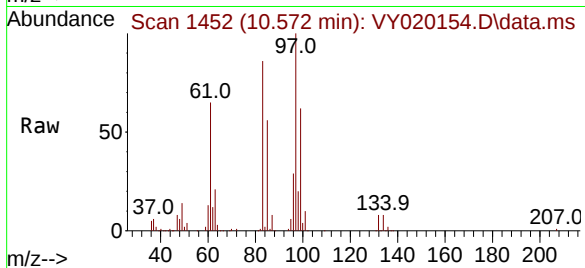




#55
1,1,2-Trichloroethane
Concen: 59.801 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

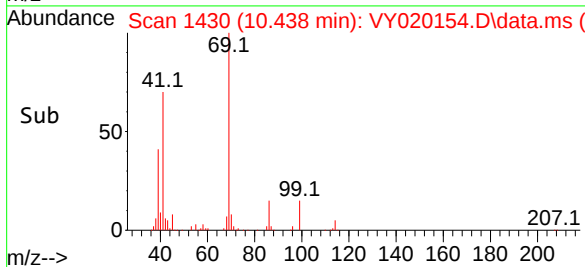
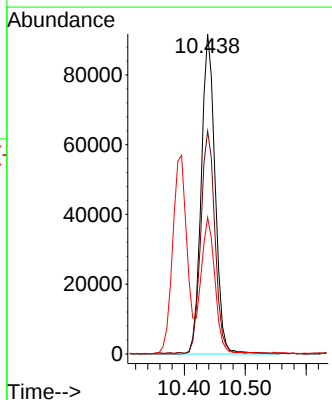
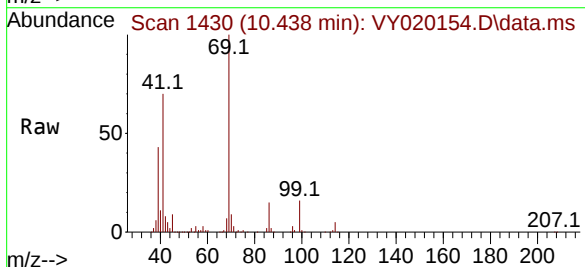
Instrument :
MSVOA_Y
ClientSampleId :

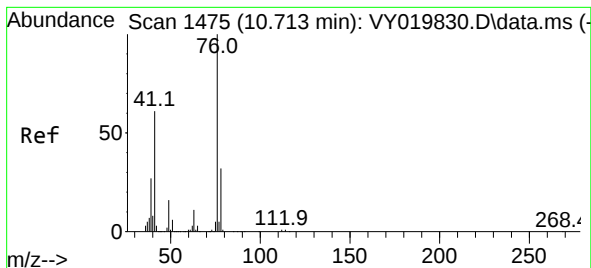
Tgt Ion:	97	Resp:	101519
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.5	101.3
85	55.8	42.9	64.3
99	61.8	46.6	70.0



#56
Ethyl methacrylate
Concen: 59.448 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion:	69	Resp:	144766
Ion	Ratio	Lower	Upper
69	100		
41	70.8	42.3	63.5#
39	43.3	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 57.216 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

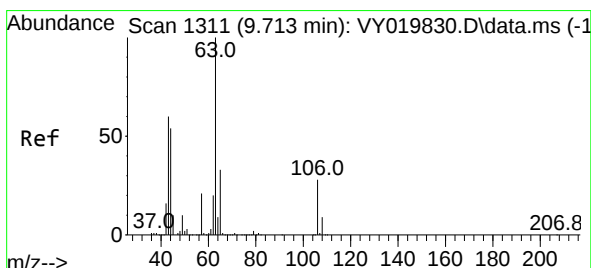
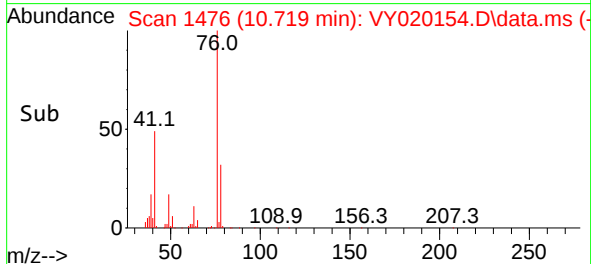
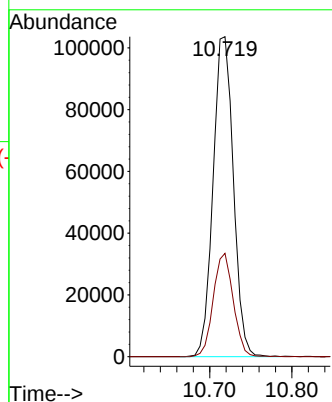
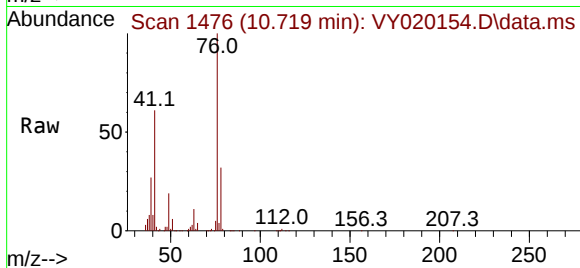
ClientSampleId :

Tgt Ion: 76 Resp: 177874

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 288.621 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020154.D

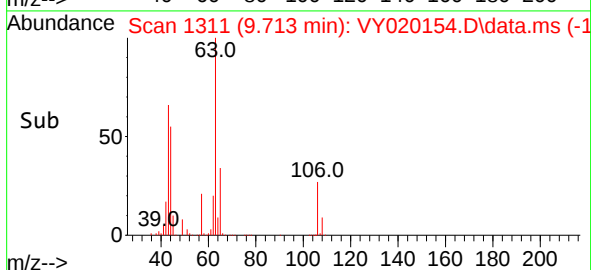
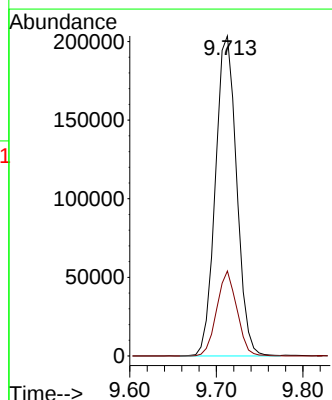
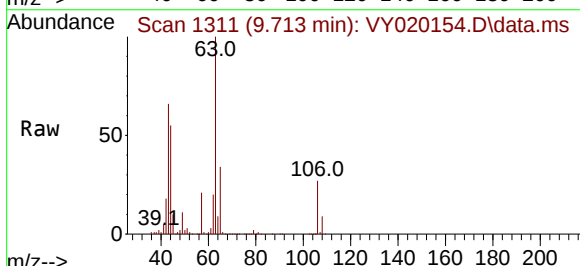
Acq: 04 Nov 2024 19:39

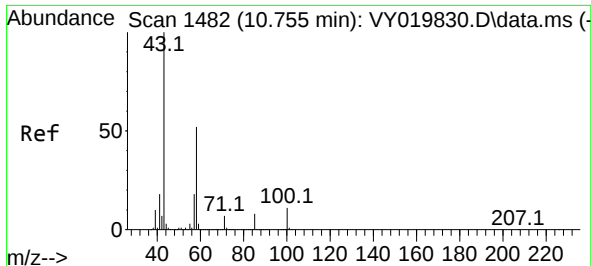
Tgt Ion: 63 Resp: 346617

Ion Ratio Lower Upper

63 100

106 25.2 23.7 35.5

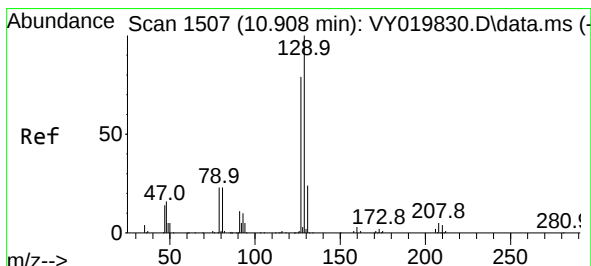
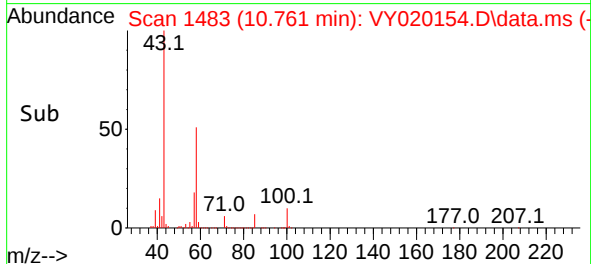
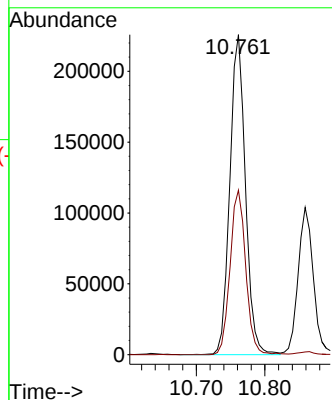
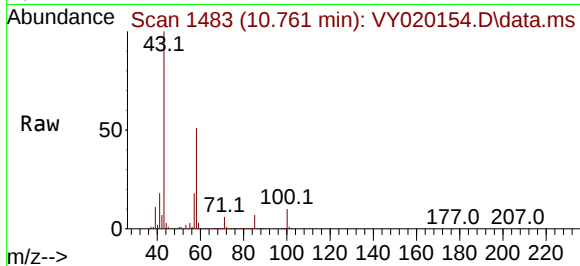




#59
2-Hexanone
Concen: 292.087 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

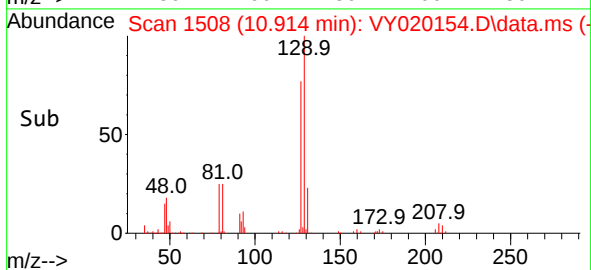
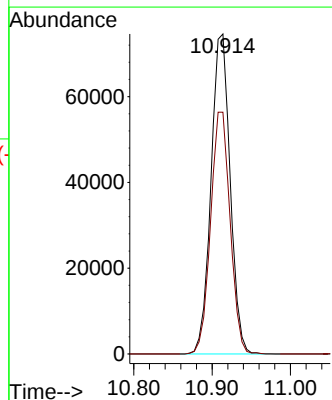
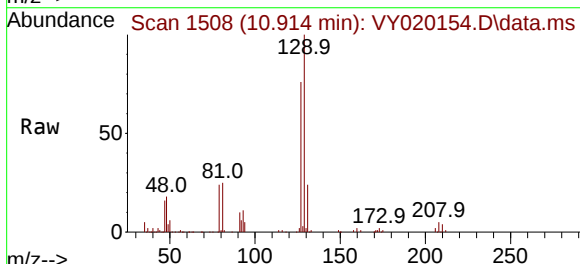
Instrument :
MSVOA_Y
ClientSampleId :

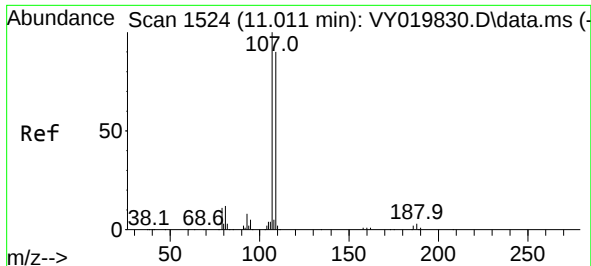
Tgt Ion: 43 Resp: 356947
Ion Ratio Lower Upper
43 100
58 51.7 31.4 94.0



#60
Dibromochloromethane
Concen: 58.423 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 129 Resp: 126425
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

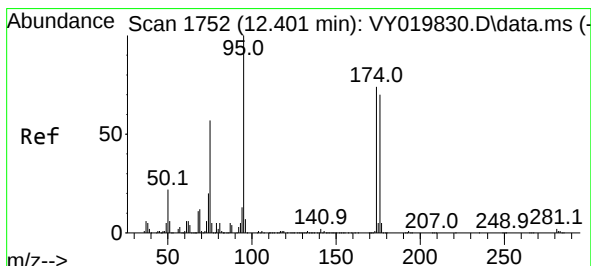
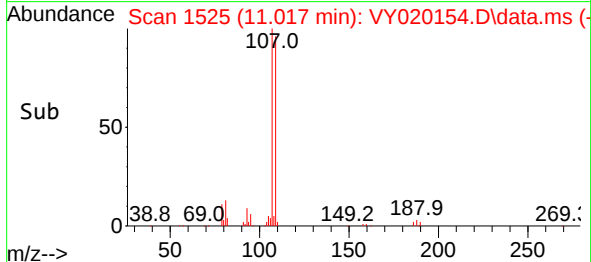
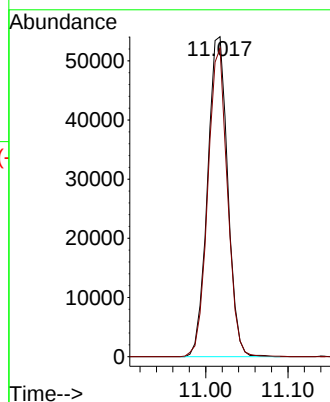
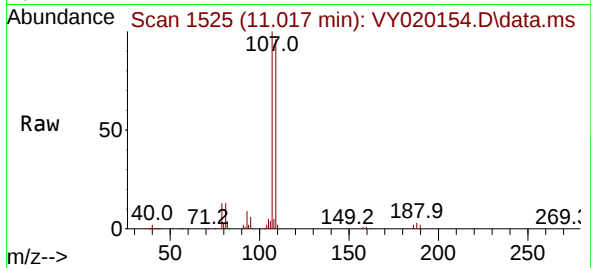




#61
1,2-Dibromoethane
Concen: 58.353 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

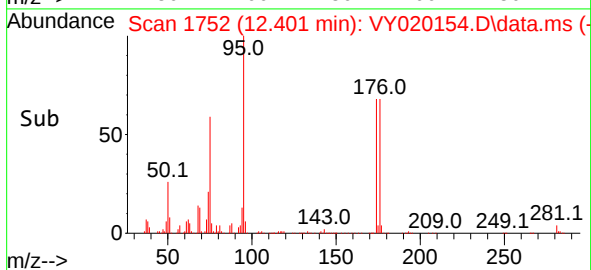
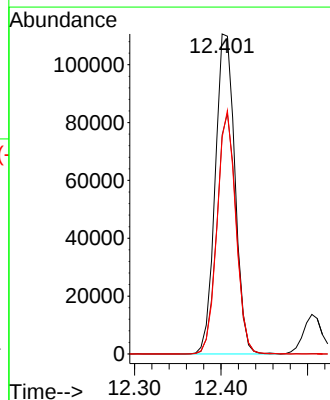
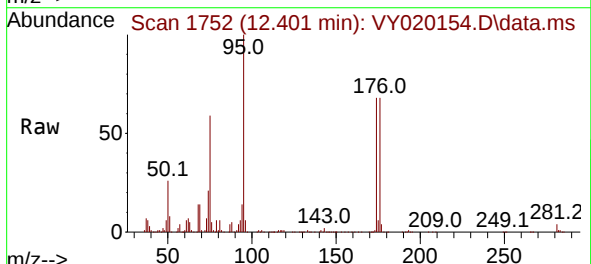
Instrument :
MSVOA_Y
ClientSampleId :

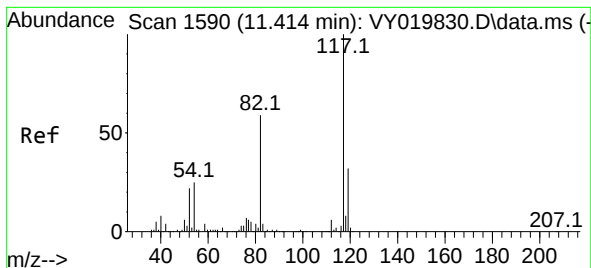
Tgt Ion:107 Resp: 92034
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.948 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 95 Resp: 175003
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 71.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

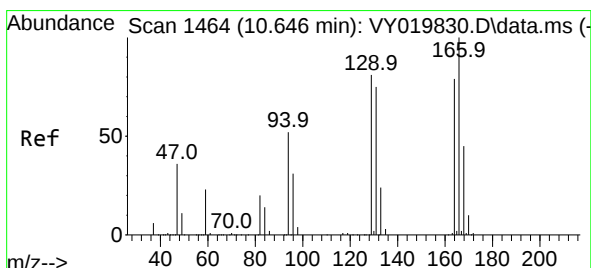
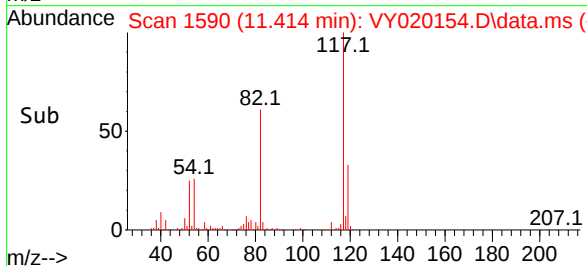
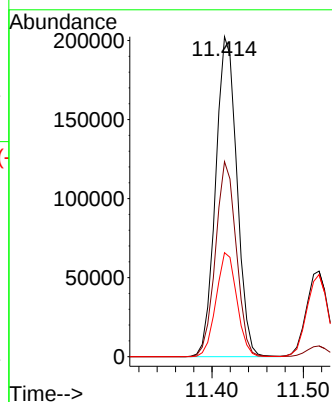
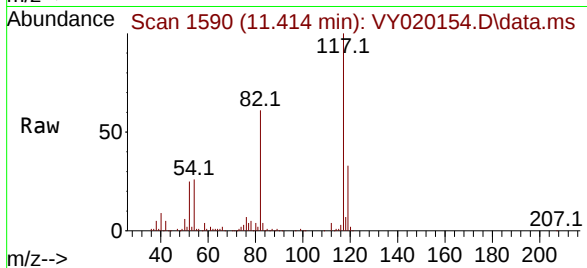
Tgt Ion:117 Resp: 327790

Ion Ratio Lower Upper

117 100

82 61.0 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 56.464 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Tgt Ion:164 Resp: 122204

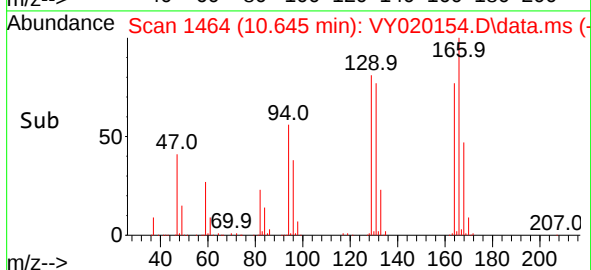
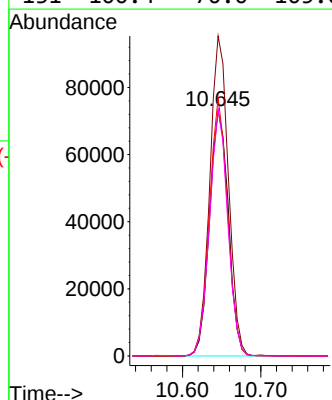
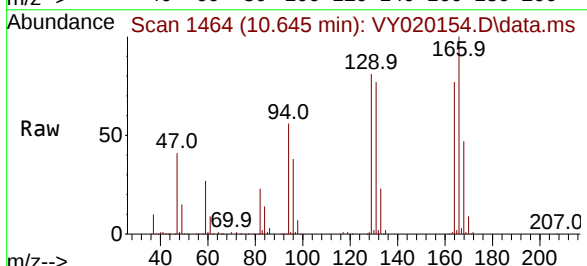
Ion Ratio Lower Upper

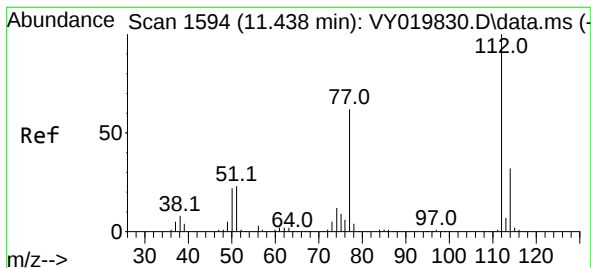
164 100

166 130.4 102.6 154.0

129 105.3 72.0 108.0

131 100.4 70.0 105.0





#65

Chlorobenzene

Concen: 55.489 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

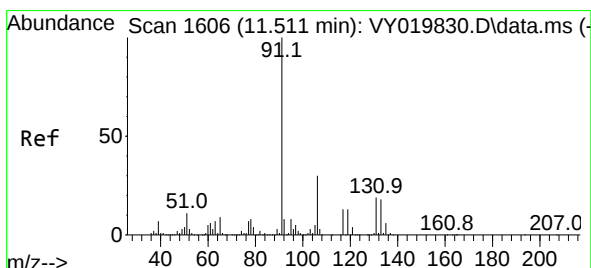
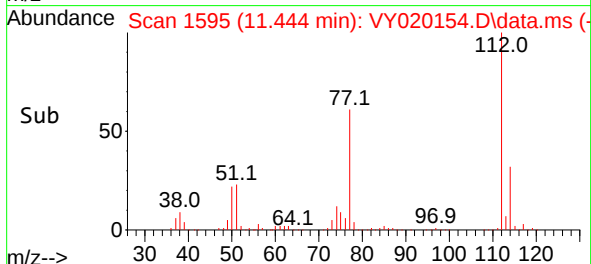
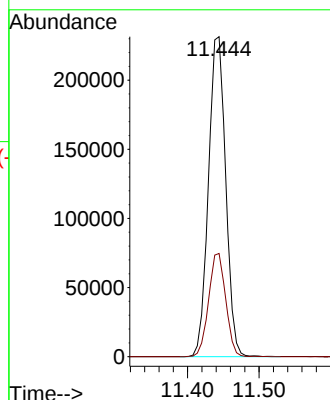
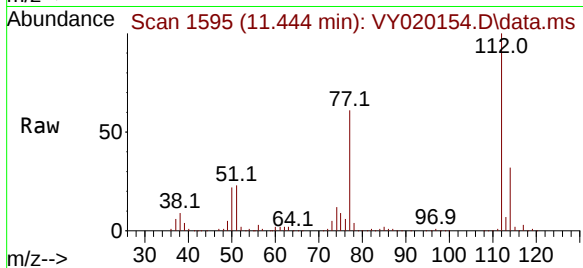
ClientSampleId :

Tgt Ion:112 Resp: 387557

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.593 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

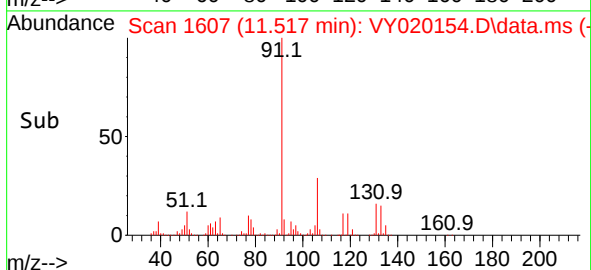
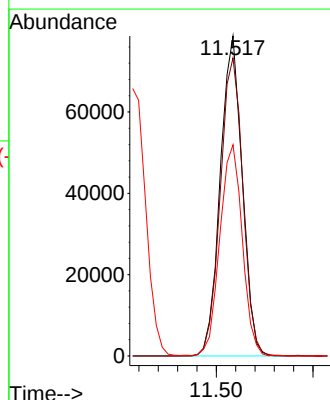
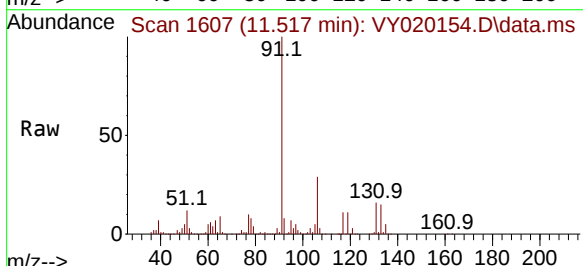
Tgt Ion:131 Resp: 124055

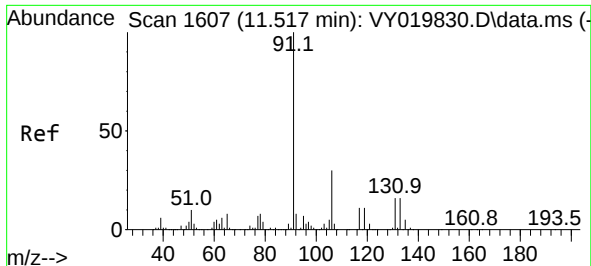
Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.3

119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 56.159 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

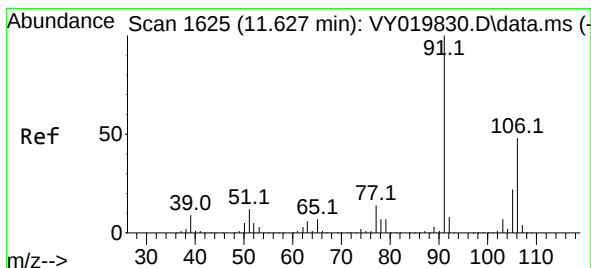
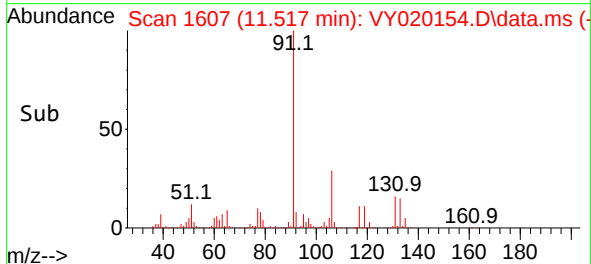
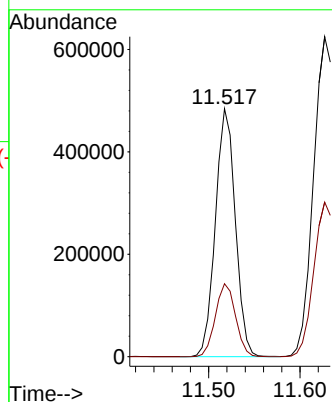
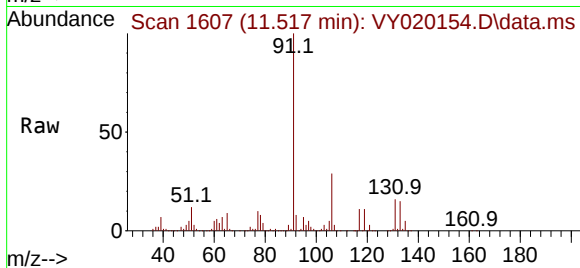
ClientSampleId :

Tgt Ion: 91 Resp: 733217

Ion Ratio Lower Upper

91 100

106 29.4 24.5 36.7



#68

m/p-Xylenes

Concen: 112.503 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020154.D

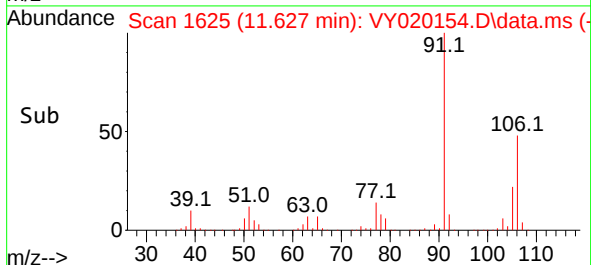
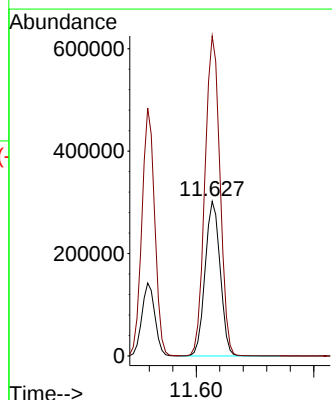
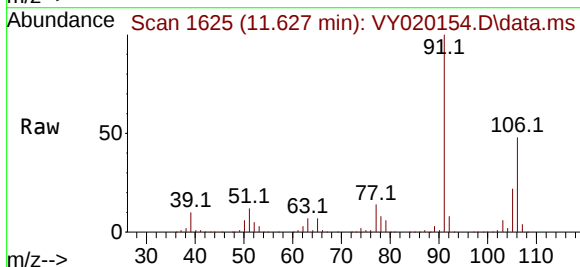
Acq: 04 Nov 2024 19:39

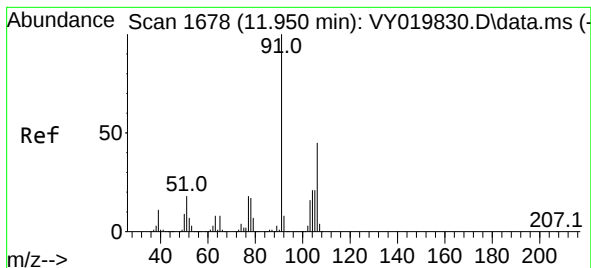
Tgt Ion:106 Resp: 537406

Ion Ratio Lower Upper

106 100

91 206.9 156.0 234.0





#69

o-Xylene

Concen: 56.264 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

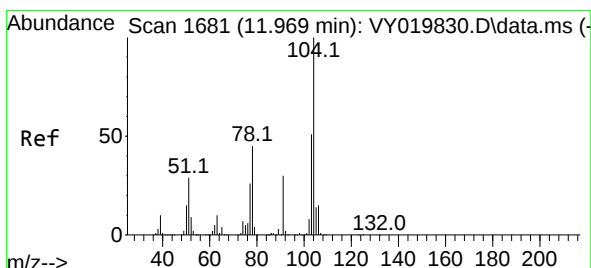
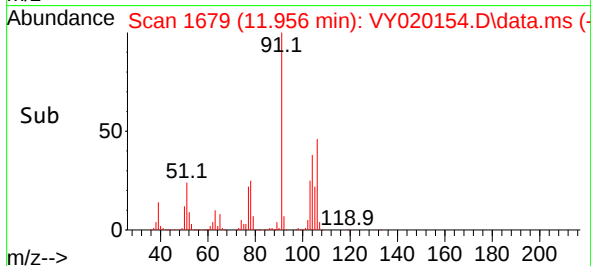
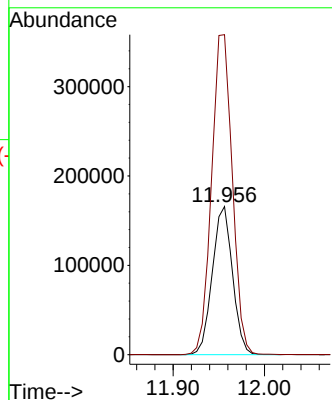
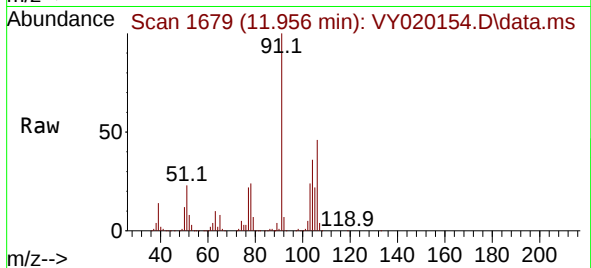
ClientSampleId :

Tgt Ion:106 Resp: 254452

Ion Ratio Lower Upper

106 100

91 222.1 103.6 310.8



#70

Styrene

Concen: 58.093 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

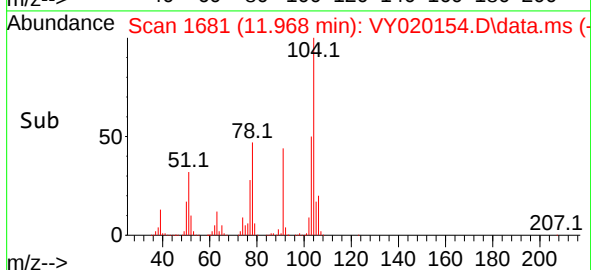
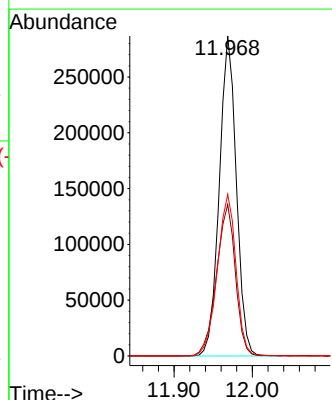
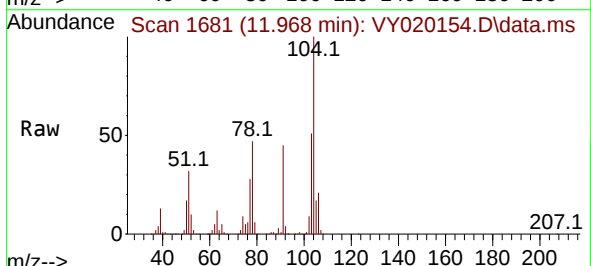
Tgt Ion:104 Resp: 434393

Ion Ratio Lower Upper

104 100

78 52.5 37.0 55.4

103 55.3 44.2 66.2





#71

Bromoform

Concen: 59.623 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

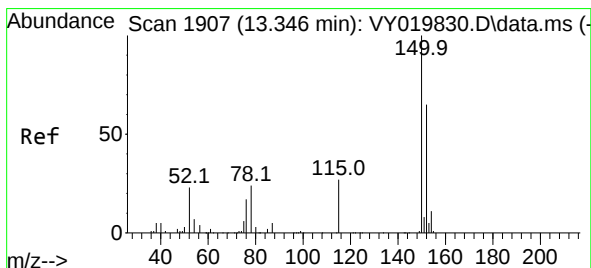
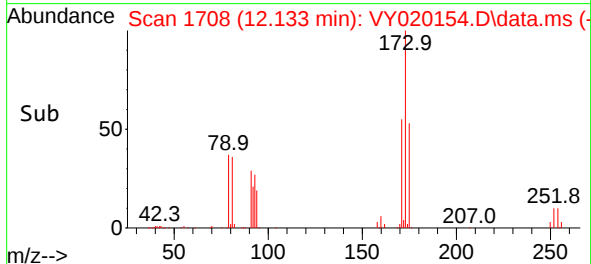
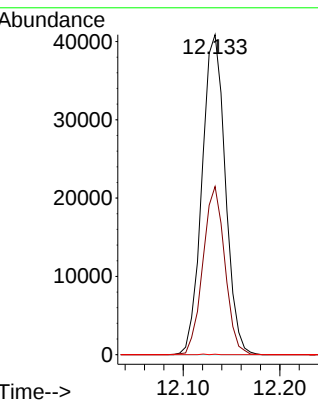
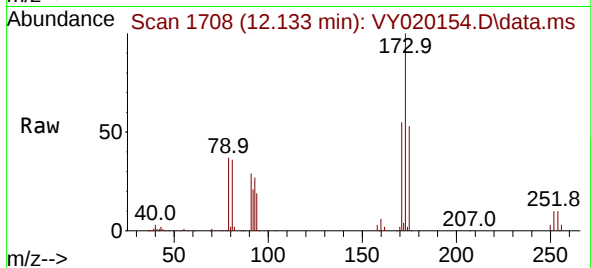
Tgt Ion:173 Resp: 68255

Ion Ratio Lower Upper

173 100

175 49.5 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

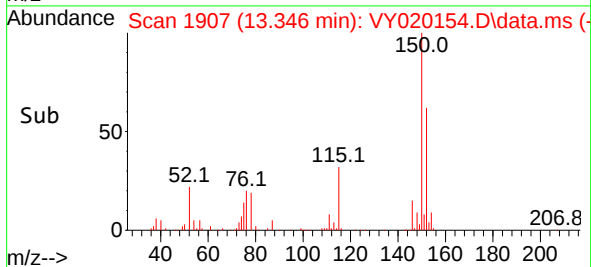
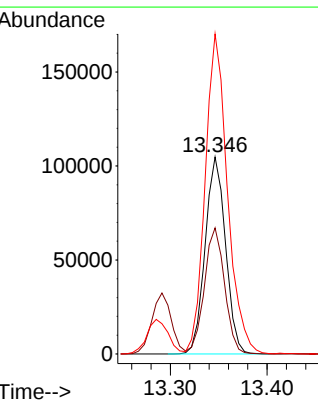
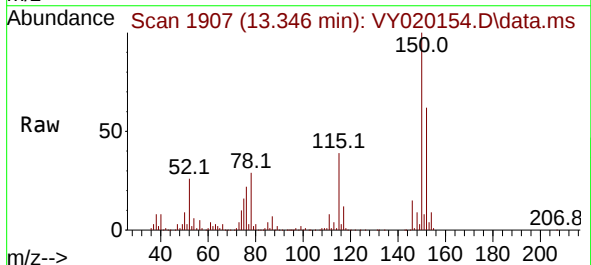
Tgt Ion:152 Resp: 153355

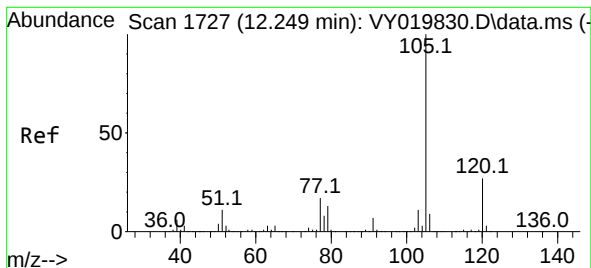
Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 177.1 0.0 345.6





#73

Isopropylbenzene

Concen: 56.222 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

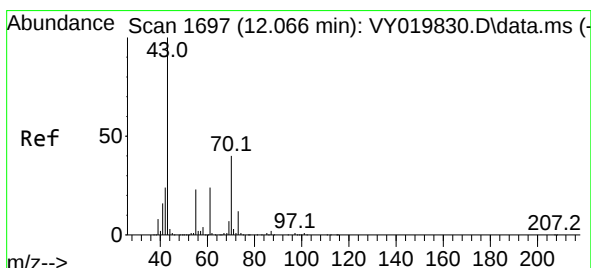
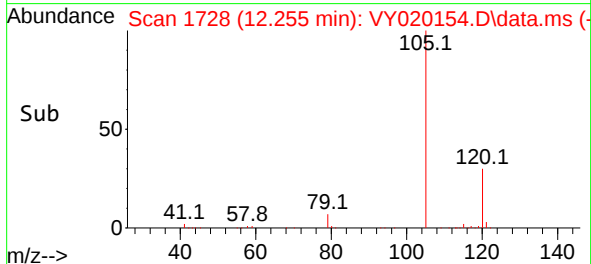
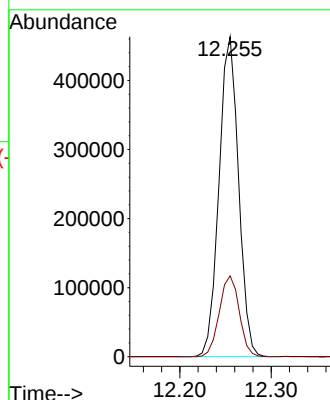
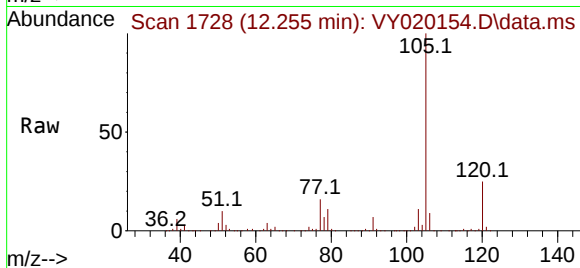
ClientSampleId :

Tgt Ion:105 Resp: 688771

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 56.310 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Tgt Ion: 43 Resp: 172442

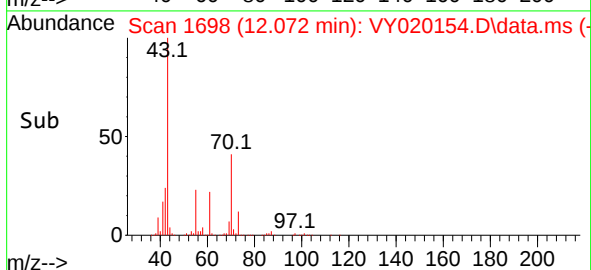
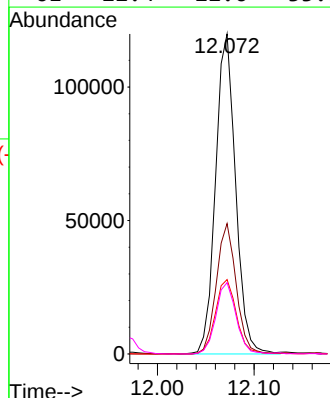
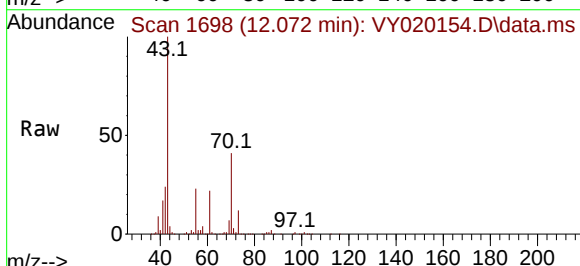
Ion Ratio Lower Upper

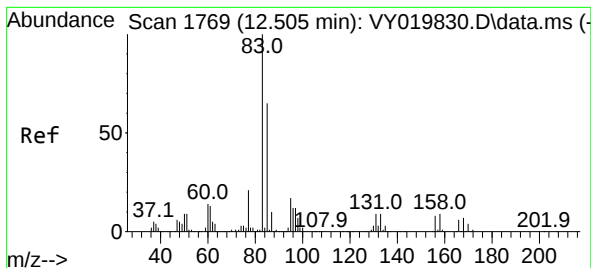
43 100

70 40.4 41.4 62.2#

55 24.6 23.3 34.9

61 22.4 22.6 33.8#

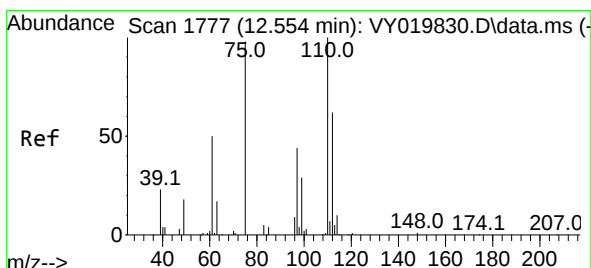
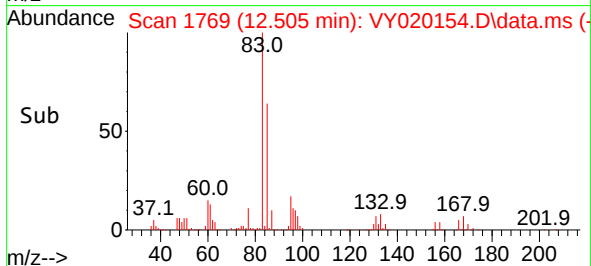
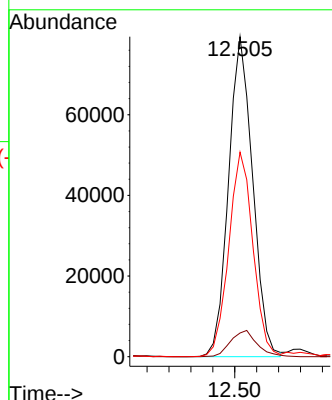
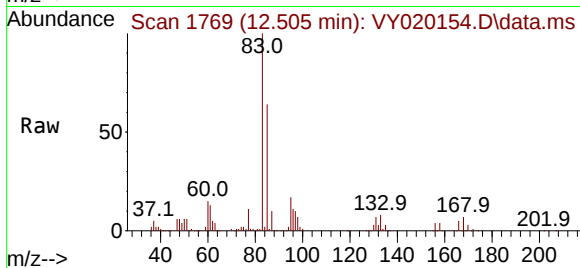




#75
1,1,2,2-Tetrachloroethane
Concen: 56.509 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

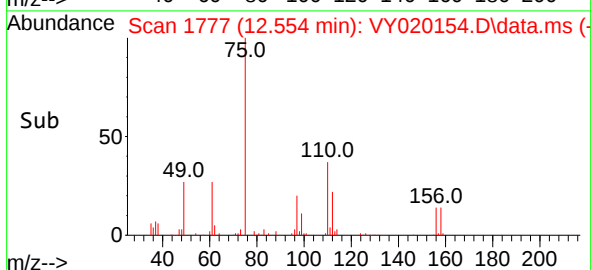
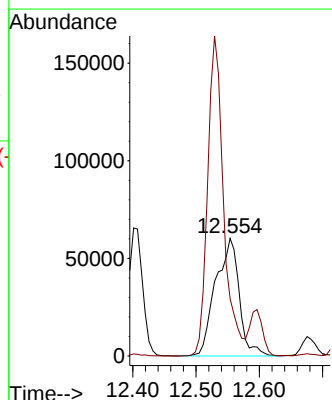
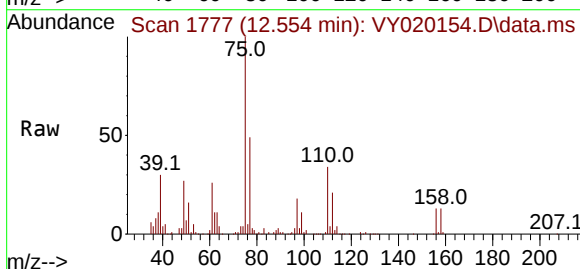
Instrument :
MSVOA_Y
ClientSampleId :

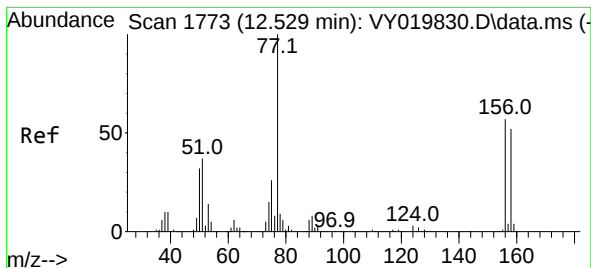
Tgt Ion: 83 Resp: 121072
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 64.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 108.614 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 75 Resp: 156138
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.059 ug/l

RT: 12.529 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

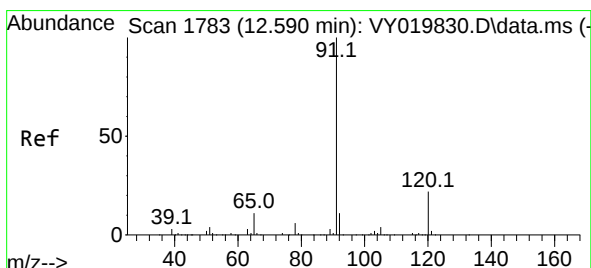
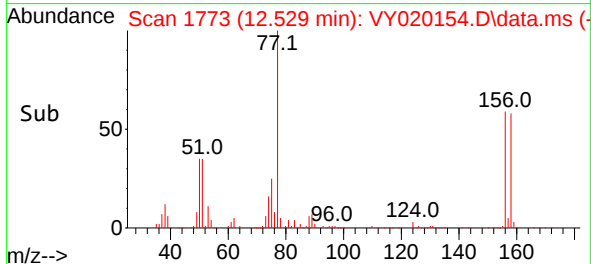
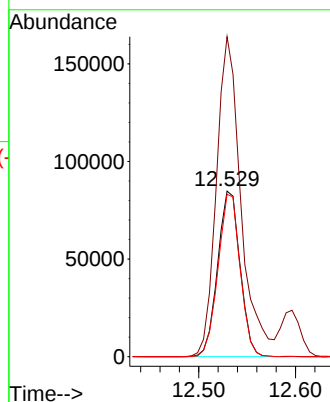
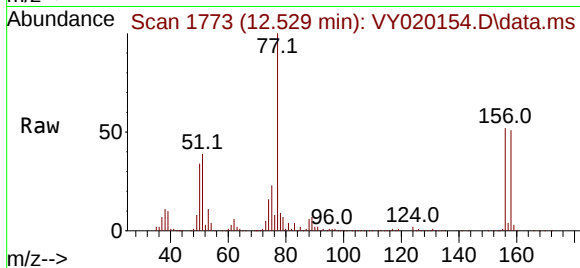
Tgt Ion:156 Resp: 136415

Ion Ratio Lower Upper

156 100

77 212.2 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 54.469 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020154.D

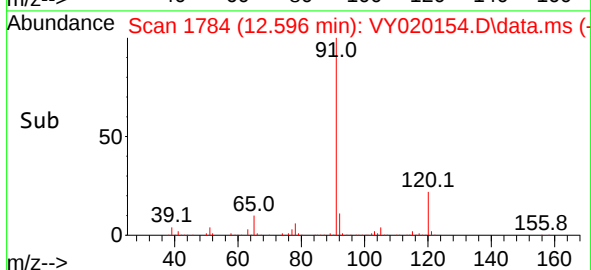
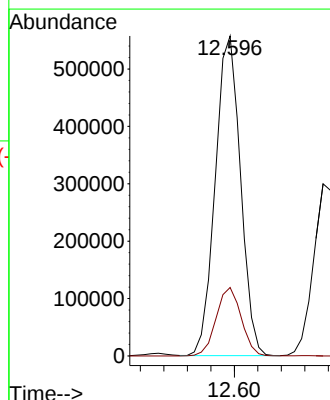
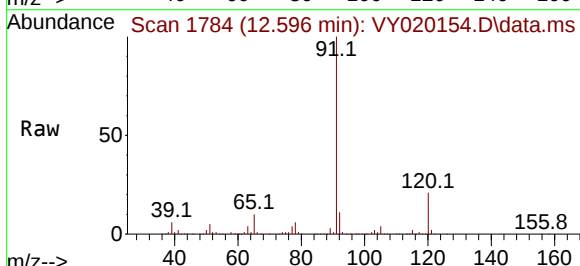
Acq: 04 Nov 2024 19:39

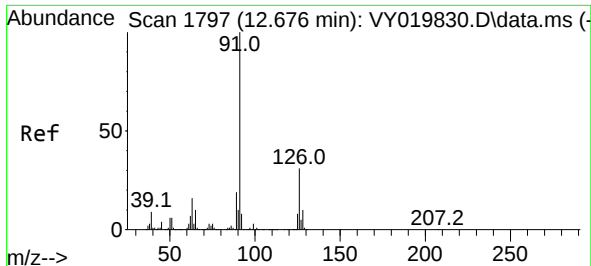
Tgt Ion: 91 Resp: 830483

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4

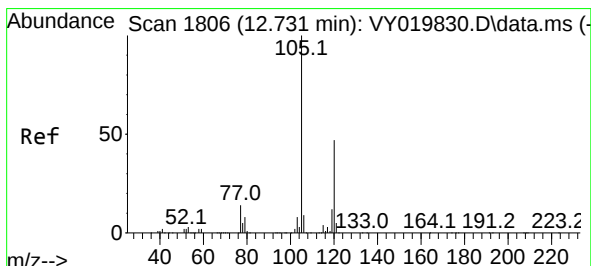
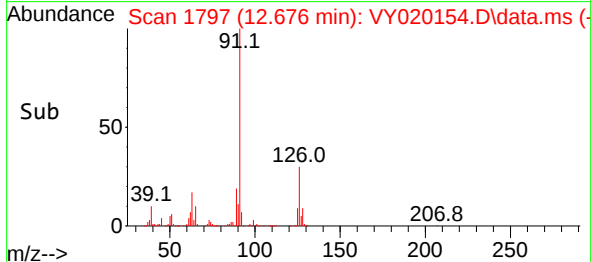
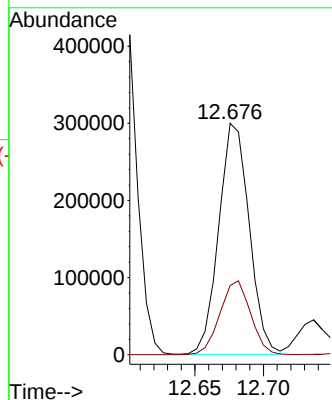
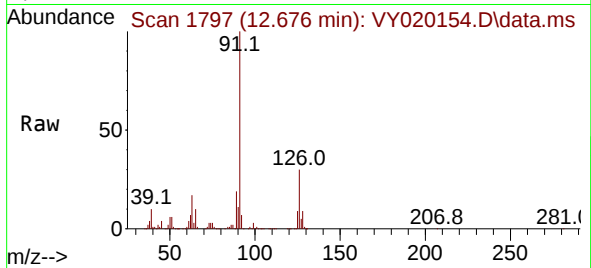




#79
2-Chlorotoluene
Concen: 54.861 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

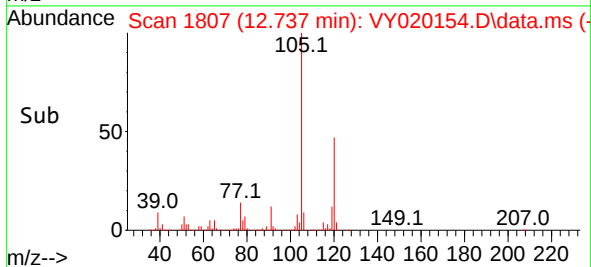
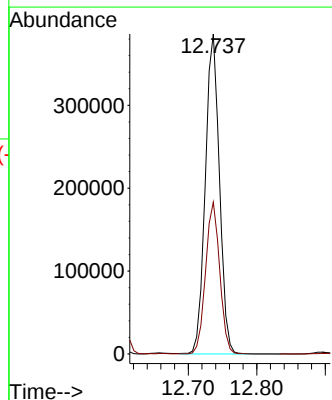
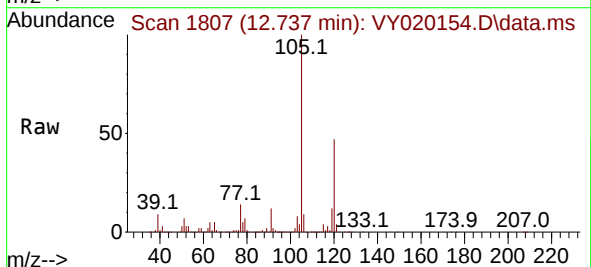
Instrument :
MSVOA_Y
ClientSampleId :

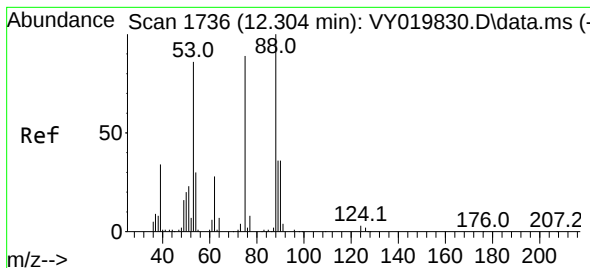
Tgt Ion: 91 Resp: 464305
Ion Ratio Lower Upper
91 100
126 32.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 56.286 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion:105 Resp: 553587
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

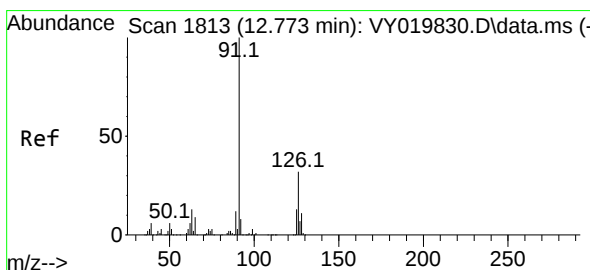
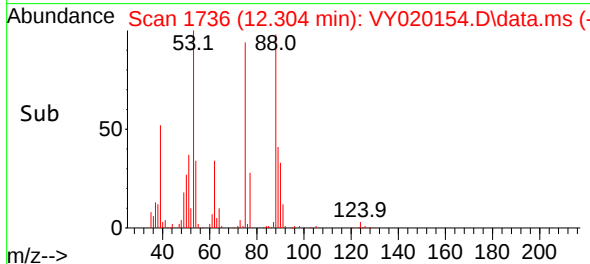
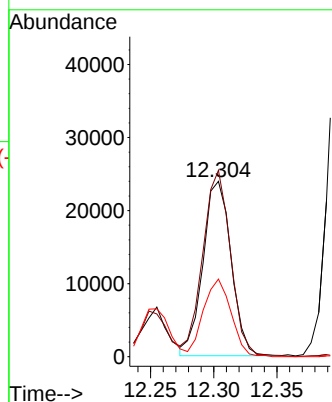
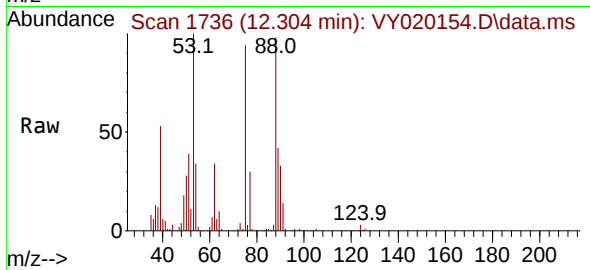




#81
trans-1,4-Dichloro-2-butene
Concen: 55.389 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

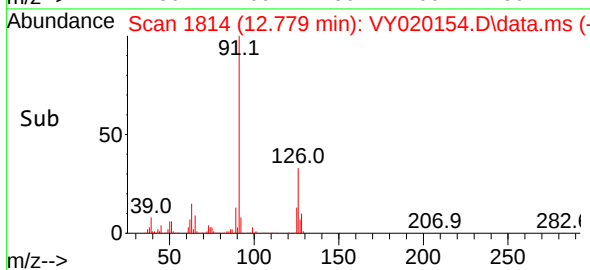
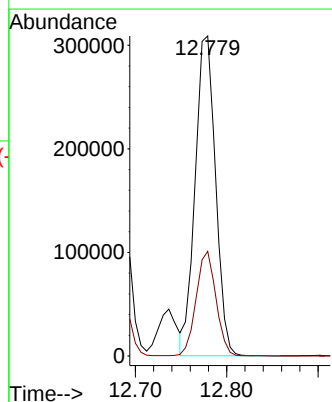
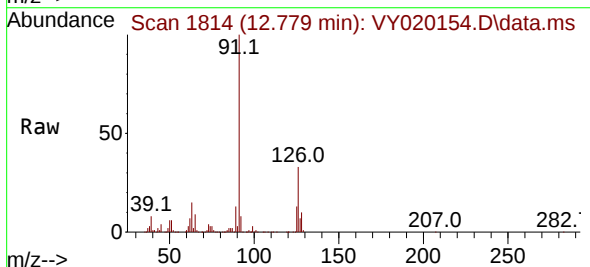
Instrument :
MSVOA_Y
ClientSampleId :

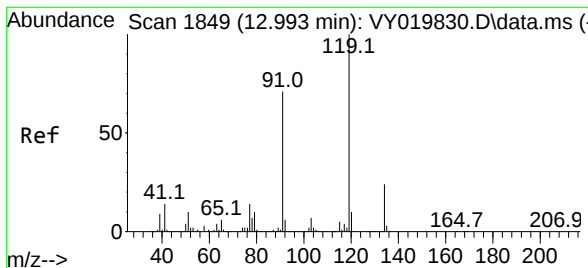
Tgt Ion: 75 Resp: 37018
Ion Ratio Lower Upper
75 100
53 106.0 66.8 100.2#
89 43.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.522 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 91 Resp: 479114
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 56.073 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

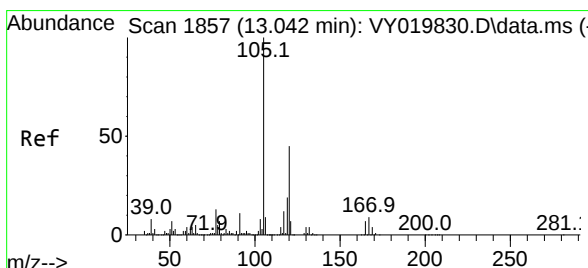
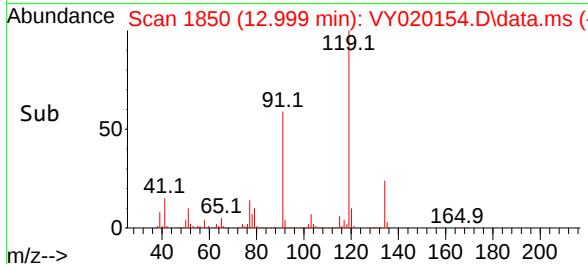
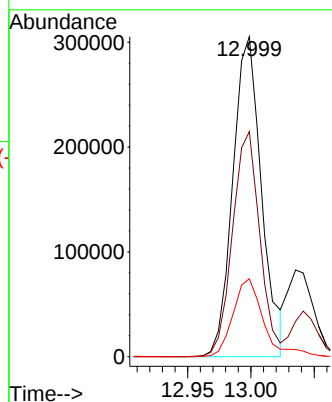
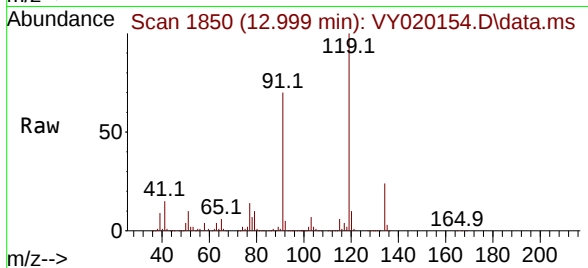
Tgt Ion:119 Resp: 482241

Ion Ratio Lower Upper

119 100

91 67.1 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.080 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020154.D

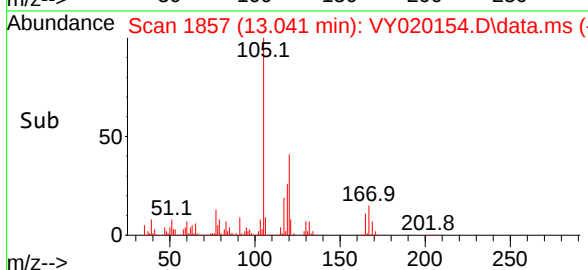
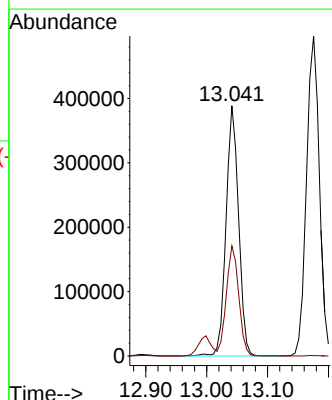
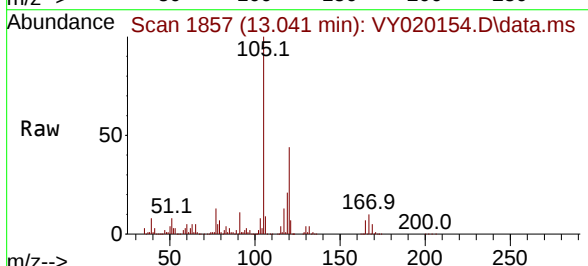
Acq: 04 Nov 2024 19:39

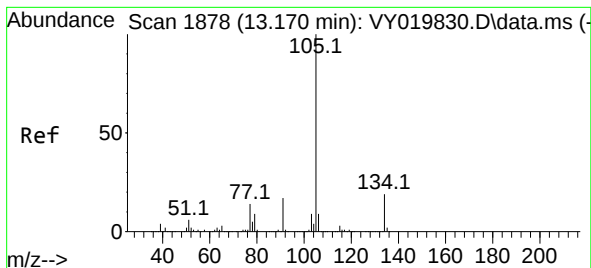
Tgt Ion:105 Resp: 556054

Ion Ratio Lower Upper

105 100

120 43.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.151 ug/l

RT: 13.175 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

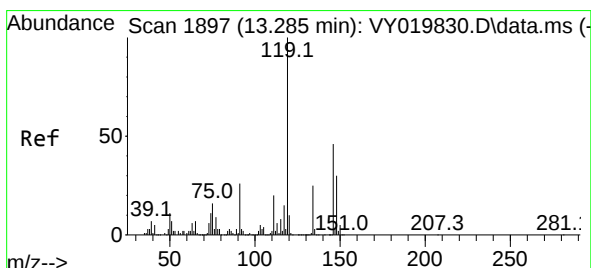
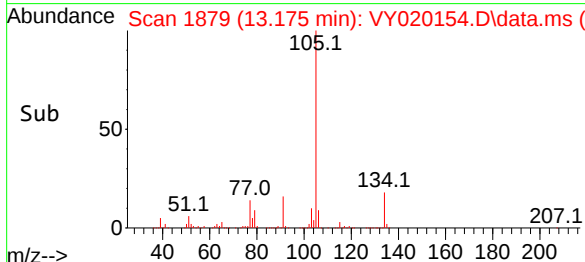
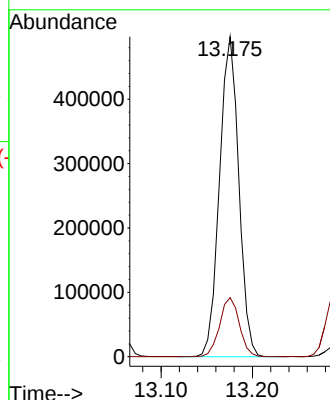
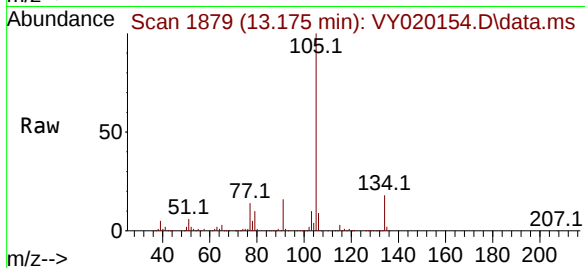
ClientSampleId :

Tgt Ion:105 Resp: 728148

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.958 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

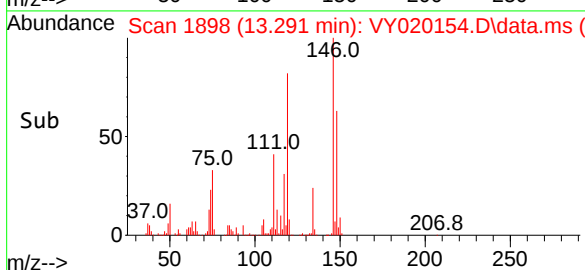
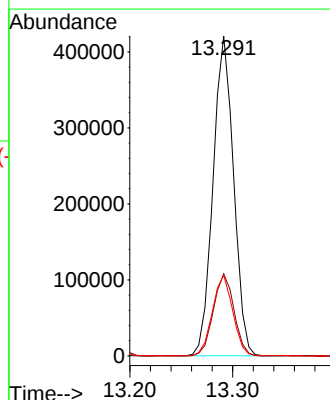
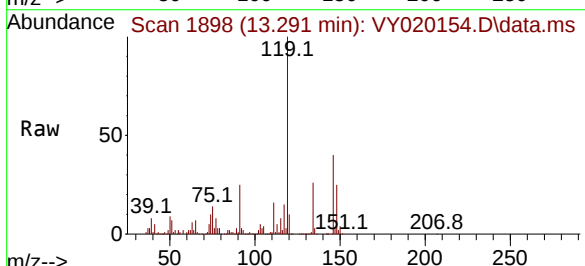
Tgt Ion:119 Resp: 582277

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 25.0 10.7 32.1

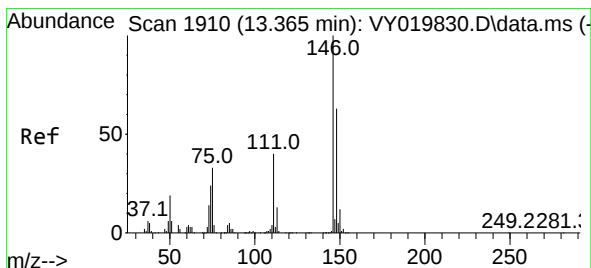
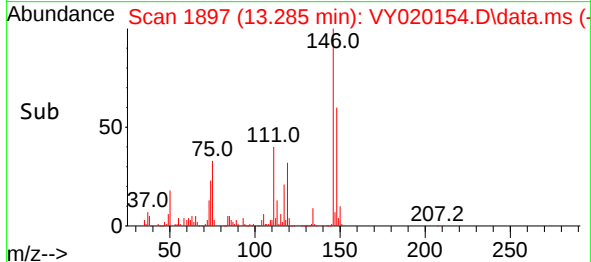
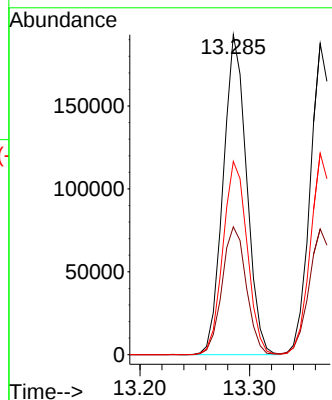
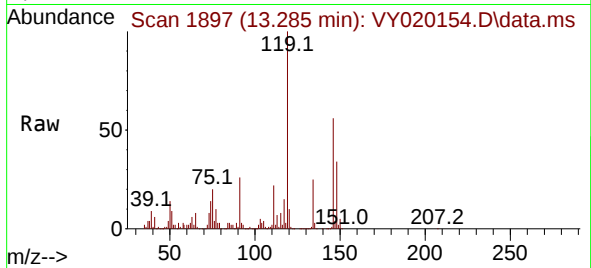




#87
 1,3-Dichlorobenzene
 Concen: 56.978 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

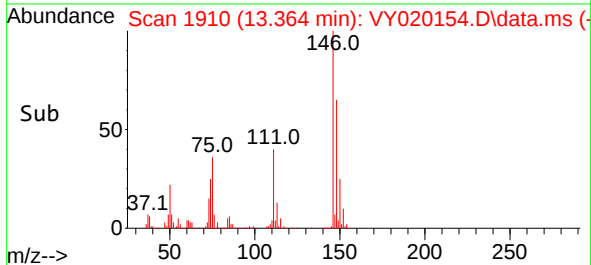
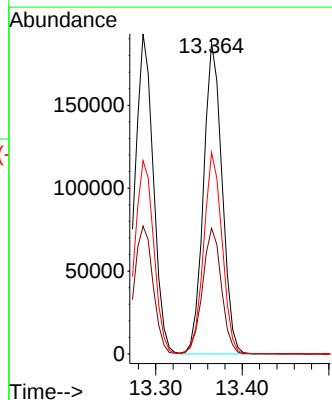
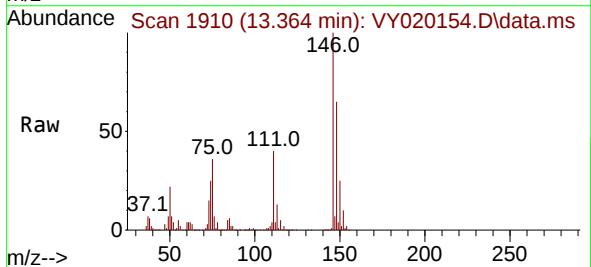
Instrument :
 MSVOA_Y
 ClientSampleId :

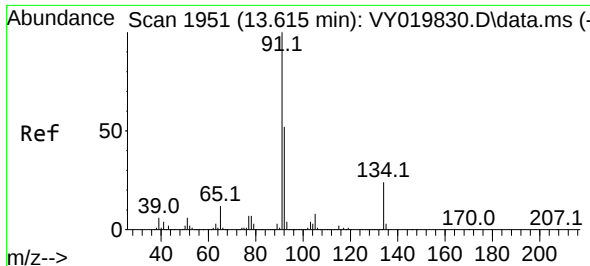
Tgt Ion:146 Resp: 286785
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.0 57.0
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 55.842 ug/l
 RT: 13.364 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY020154.D
 Acq: 04 Nov 2024 19:39

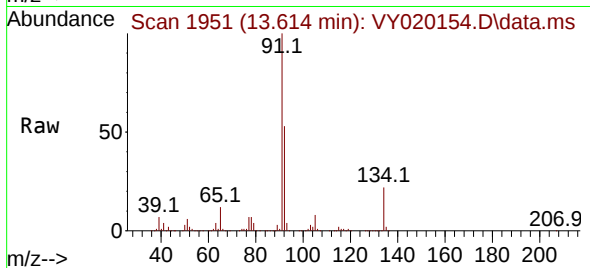
Tgt Ion:146 Resp: 279898
 Ion Ratio Lower Upper
 146 100
 111 41.0 18.4 55.4
 148 64.1 32.4 97.2



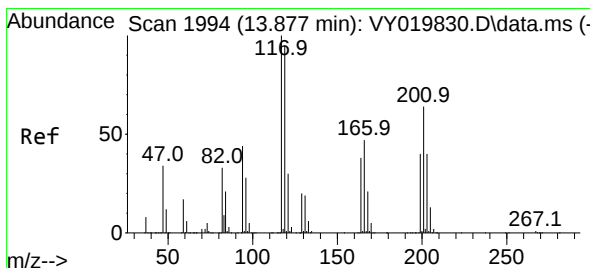
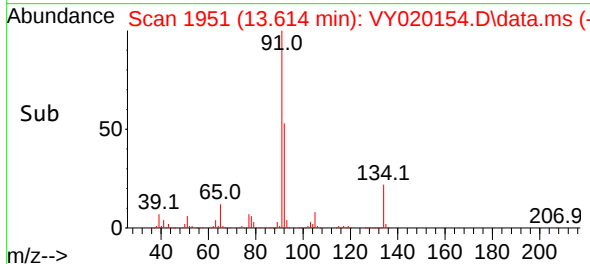
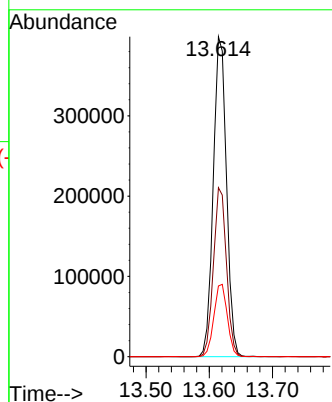


#89
n-Butylbenzene
Concen: 54.551 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Instrument :
MSVOA_Y
ClientSampleId :

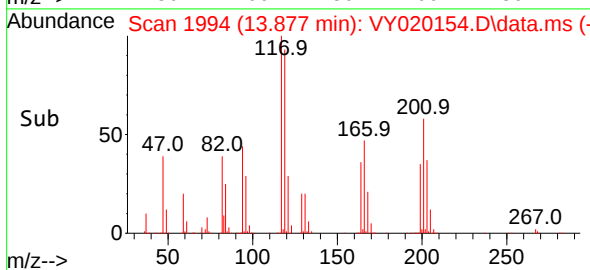
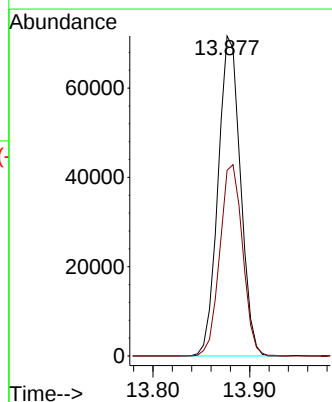
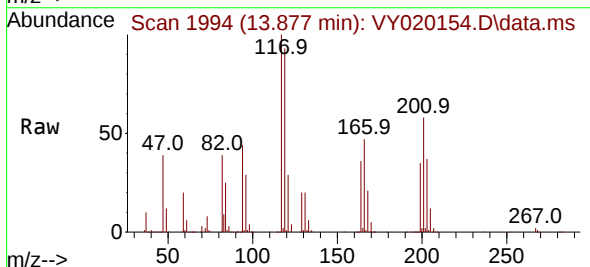


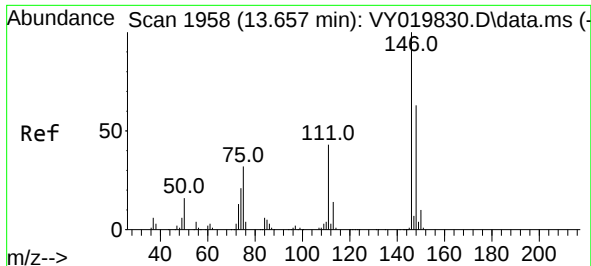
Tgt Ion: 91 Resp: 579374
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 23.1 12.9 38.7



#90
Hexachloroethane
Concen: 54.923 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY020154.D
Acq: 04 Nov 2024 19:39

Tgt Ion: 117 Resp: 115081
Ion Ratio Lower Upper
117 100
201 60.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 57.260 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

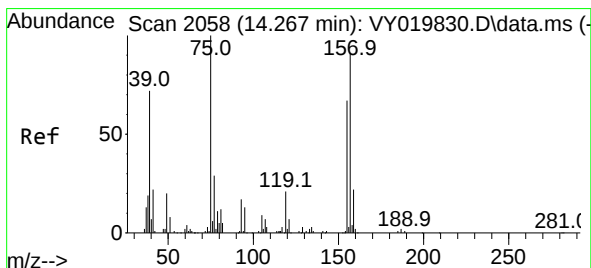
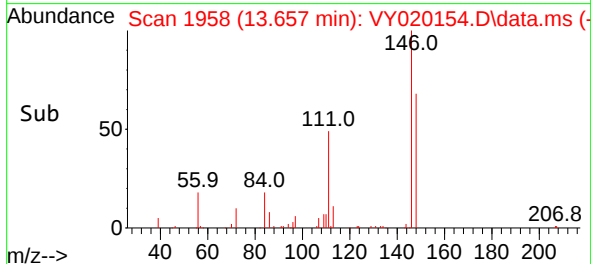
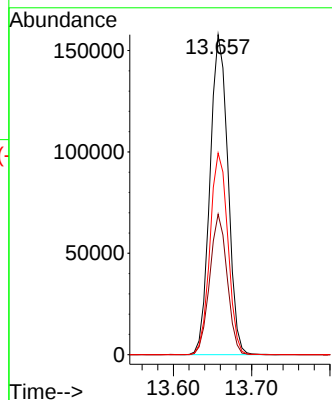
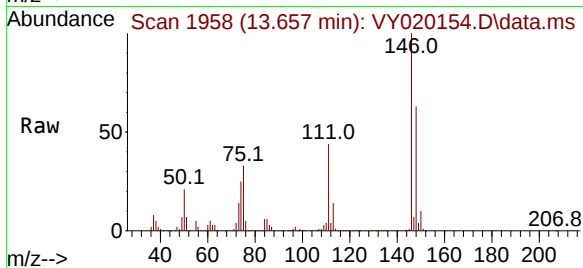
Tgt Ion:146 Resp: 250508

Ion Ratio Lower Upper

146 100

111 42.7 19.9 59.7

148 62.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.976 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

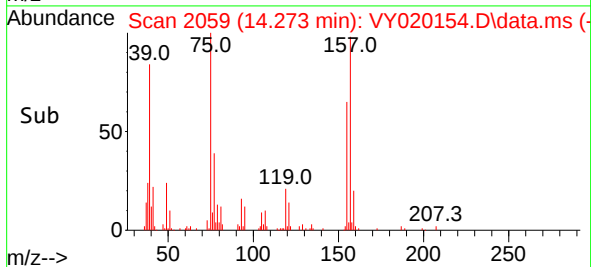
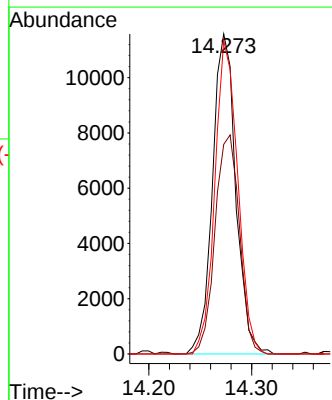
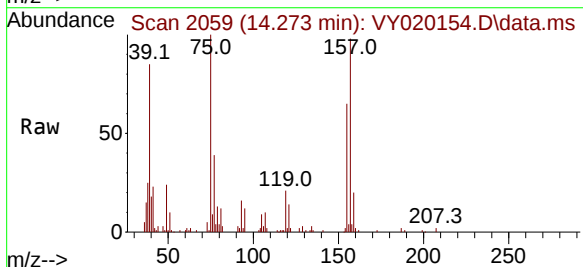
Tgt Ion: 75 Resp: 18188

Ion Ratio Lower Upper

75 100

155 71.7 48.6 145.8

157 96.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.878 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

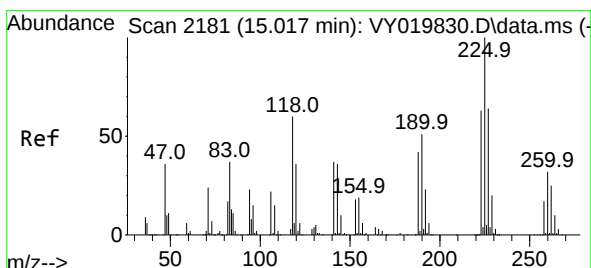
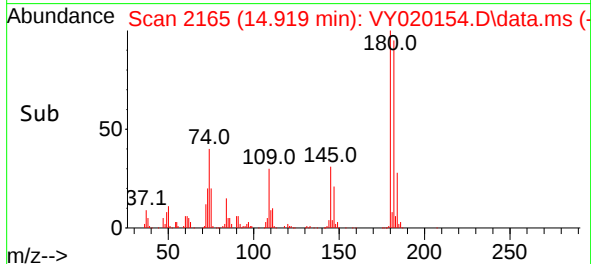
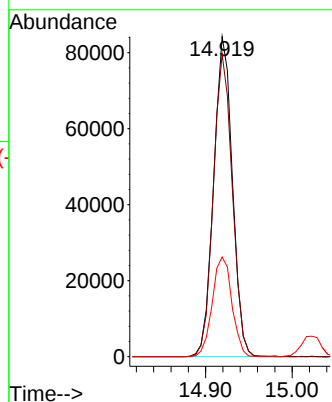
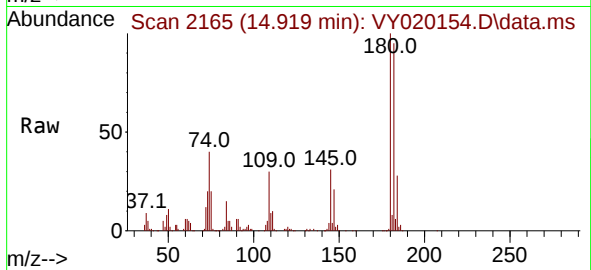
Tgt Ion:180 Resp: 126625

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 32.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.352 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

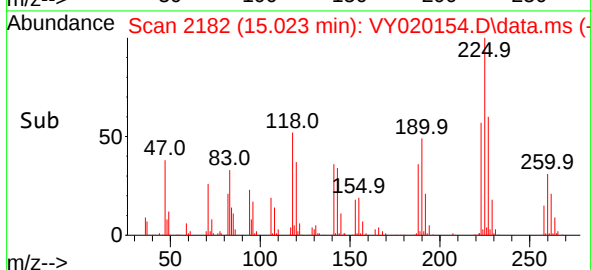
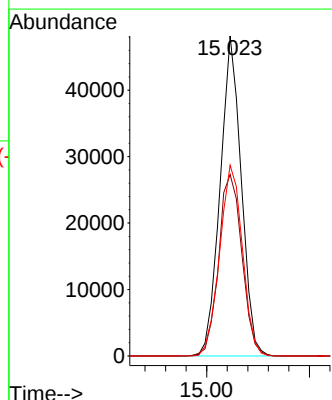
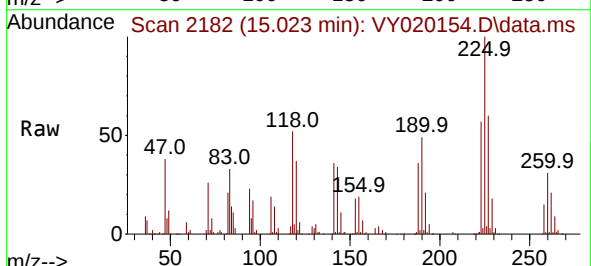
Tgt Ion:225 Resp: 68565

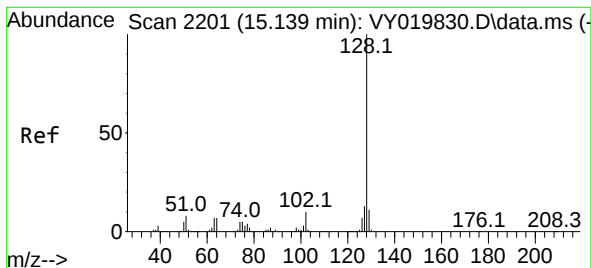
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 57.358 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

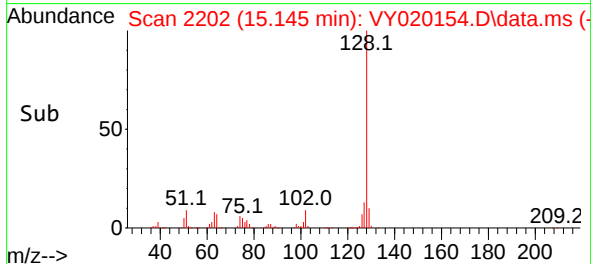
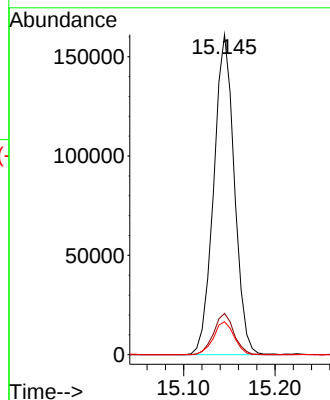
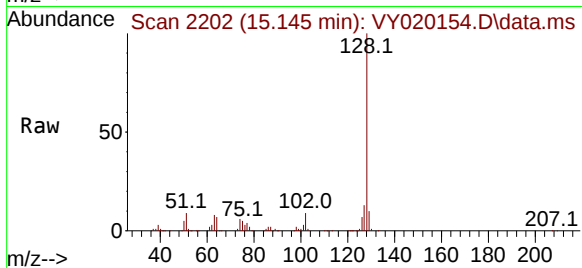
Tgt Ion:128 Resp: 251987

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.550 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020154.D

Acq: 04 Nov 2024 19:39

Tgt Ion:180 Resp: 106833

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 34.8 15.4 46.1

