

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020221.D
 Acq On : 08 Nov 2024 09:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:13:46 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	282936	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	514187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	441792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	208354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	170730	48.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.700%
35) Dibromofluoromethane	7.634	113	158906	48.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.109	98	638676	49.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.408	95	212924	50.375	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	116471	44.470	ug/l	98
3) Chloromethane	2.074	50	214336	49.406	ug/l	100
4) Vinyl Chloride	2.208	62	255160	54.787	ug/l	98
5) Bromomethane	2.605	94	162705	52.620	ug/l	100
6) Chloroethane	2.739	64	169854	56.511	ug/l	100
7) Trichlorofluoromethane	3.062	101	329903	57.985	ug/l	99
8) Diethyl Ether	3.458	74	86447	54.478	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.824	101	180374	56.524	ug/l	91
10) Methyl Iodide	4.013	142	183569	59.582	ug/l	# 89
11) Tert butyl alcohol	4.866	59	50365	198.285	ug/l	# 80
12) 1,1-Dichloroethene	3.800	96	168614	55.225	ug/l	# 83
13) Acrolein	3.659	56	48835	154.447	ug/l	96
14) Allyl chloride	4.391	41	307789	55.874	ug/l	# 88
15) Acrylonitrile	5.068	53	188399	260.823	ug/l	98
16) Acetone	3.873	43	249780	304.163	ug/l	# 83
17) Carbon Disulfide	4.110	76	537751	52.924	ug/l	99
18) Methyl Acetate	4.391	43	97476	50.590	ug/l	89
19) Methyl tert-butyl Ether	5.122	73	427110	55.604	ug/l	96
20) Methylene Chloride	4.623	84	178286	48.329	ug/l	# 81
21) trans-1,2-Dichloroethene	5.116	96	192870	56.012	ug/l	86
22) Diisopropyl ether	6.025	45	647348	56.629	ug/l	# 91
23) Vinyl Acetate	5.964	43	1765733	274.470	ug/l	# 92
24) 1,1-Dichloroethane	5.921	63	377275	56.997	ug/l	95
25) 2-Butanone	6.897	43	303075	272.262	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	324975	59.007	ug/l	95
27) cis-1,2-Dichloroethene	6.897	96	226405	57.198	ug/l	83
28) Bromochloromethane	7.250	49	156176	50.388	ug/l	# 72
29) Tetrahydrofuran	7.268	42	162798	253.415	ug/l	# 83
30) Chloroform	7.427	83	381684	58.109	ug/l	100
31) Cyclohexane	7.707	56	335257	52.317	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	340279	59.337	ug/l	94
36) 1,1-Dichloropropene	7.841	75	283342	56.106	ug/l	95
37) Ethyl Acetate	6.988	43	115117	47.811	ug/l	96
38) Carbon Tetrachloride	7.823	117	299317	58.940	ug/l	100
39) Methylcyclohexane	9.110	83	363997	56.790	ug/l	# 87
40) Benzene	8.085	78	826704	56.084	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	62552	51.862	ug/l	88
42) 1,2-Dichloroethane	8.165	62	222099	54.434	ug/l	94
43) Isopropyl Acetate	8.201	43	235938	50.958	ug/l #	90
44) Trichloroethene	8.872	130	193232	56.560	ug/l	92
45) 1,2-Dichloropropane	9.146	63	197811	56.090	ug/l	98
46) Dibromomethane	9.232	93	103267	54.040	ug/l #	88
47) Bromodichloromethane	9.427	83	286338	57.198	ug/l	98
48) Methyl methacrylate	9.225	41	112574	52.492	ug/l	83
49) 1,4-Dioxane	9.232	88	19760	1004.377	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	623100	261.182	ug/l	89
52) Toluene	10.176	92	529578	58.283	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	247078	55.892	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	294424	55.800	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	131342	55.280	ug/l	93
56) Ethyl methacrylate	10.439	69	187637	55.055	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	234009	53.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	417275	248.258	ug/l	95
59) 2-Hexanone	10.762	43	460134	269.027	ug/l	88
60) Dibromochloromethane	10.914	129	171955	56.776	ug/l	99
61) 1,2-Dibromoethane	11.018	107	118958	53.890	ug/l	98
64) Tetrachloroethene	10.646	164	170641	58.499	ug/l	92
65) Chlorobenzene	11.445	112	542227	57.601	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	176613	58.723	ug/l	99
67) Ethyl Benzene	11.524	91	1038130	58.995	ug/l	99
68) m/p-Xylenes	11.634	106	759082	117.904	ug/l	92
69) o-Xylene	11.957	106	356915	58.555	ug/l	91
70) Styrene	11.975	104	605480	60.078	ug/l	96
71) Bromoform	12.133	173	88914	57.627	ug/l #	97
73) Isopropylbenzene	12.255	105	983635	59.097	ug/l	98
74) N-amyl acetate	12.072	43	222149	53.393	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	151184	51.937	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	197295	101.016	ug/l #	100
77) Bromobenzene	12.536	156	189041	56.159	ug/l	84
78) n-propylbenzene	12.597	91	1218810	58.837	ug/l	97
79) 2-Chlorotoluene	12.682	91	670186	58.284	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	793961	59.417	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	49218	54.204	ug/l #	84
82) 4-Chlorotoluene	12.780	91	681965	58.168	ug/l	95
83) tert-Butylbenzene	12.999	119	698165	59.751	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	788302	59.560	ug/l	96
85) sec-Butylbenzene	13.176	105	1067550	59.513	ug/l	98
86) p-Isopropyltoluene	13.298	119	862934	59.949	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	390996	57.177	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	381333	55.996	ug/l	96
89) n-Butylbenzene	13.621	91	874275	60.589	ug/l	97
90) Hexachloroethane	13.883	117	168884	59.325	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	340686	57.316	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	22359	50.648	ug/l	75
93) 1,2,4-Trichlorobenzene	14.926	180	181764	56.924	ug/l	97
94) Hexachlorobutadiene	15.029	225	104158	59.654	ug/l	98
95) Naphthalene	15.151	128	335392	56.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	149150	55.027	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

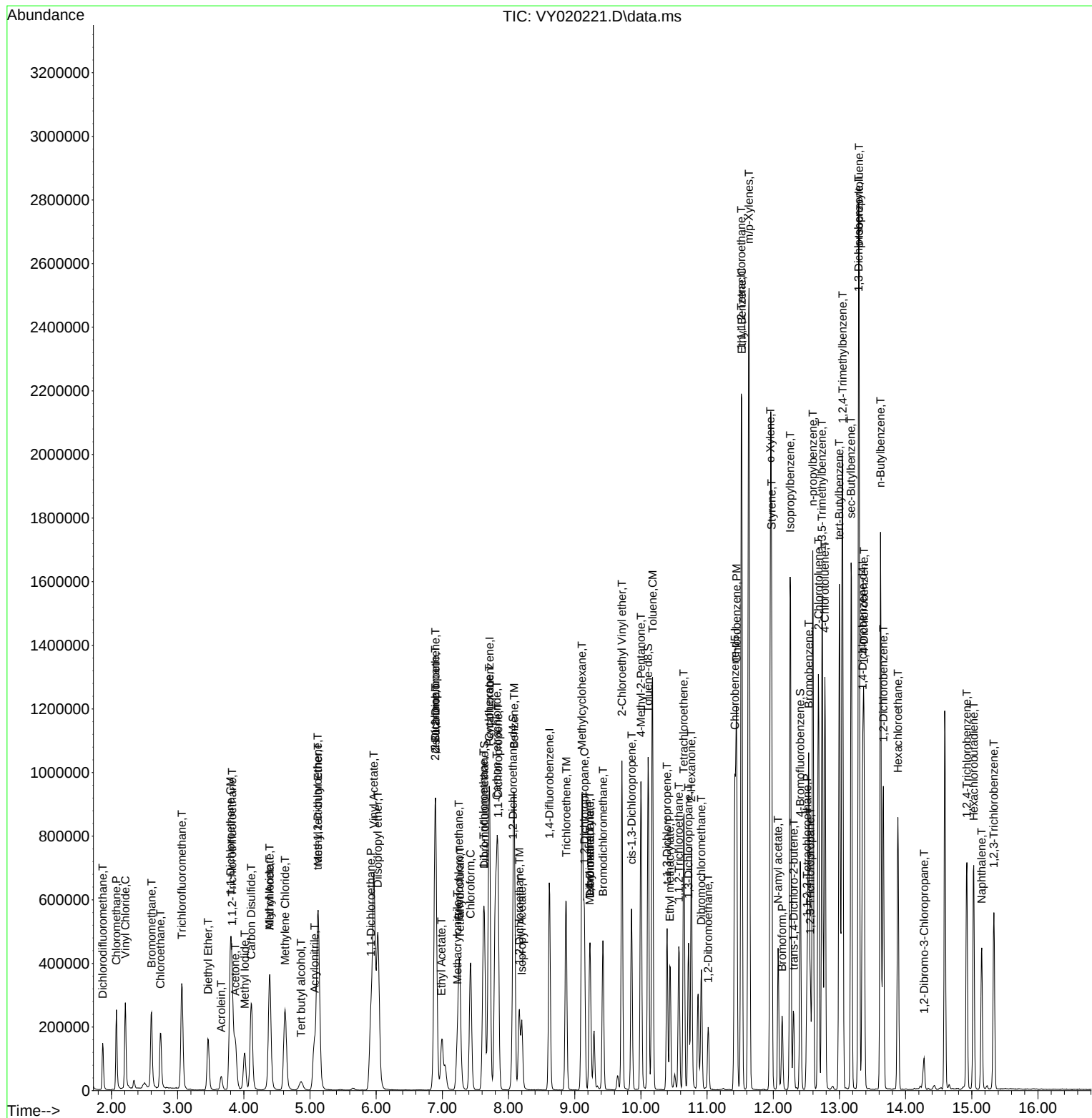
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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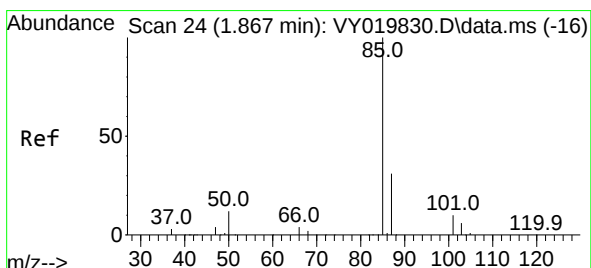
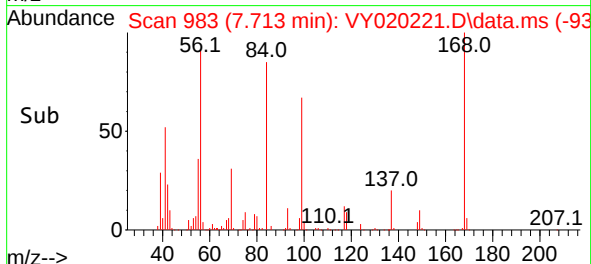
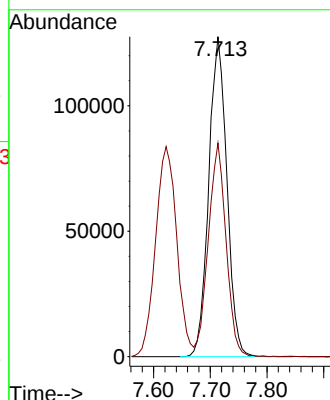
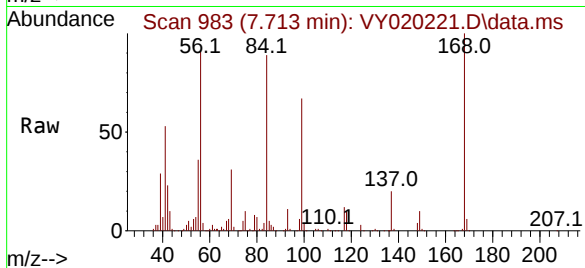




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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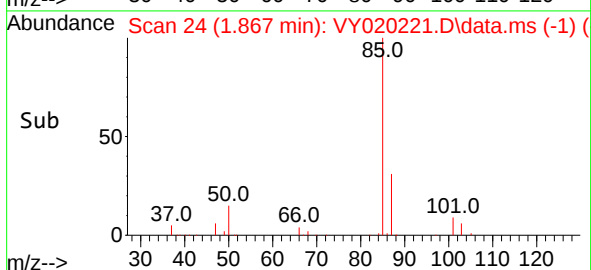
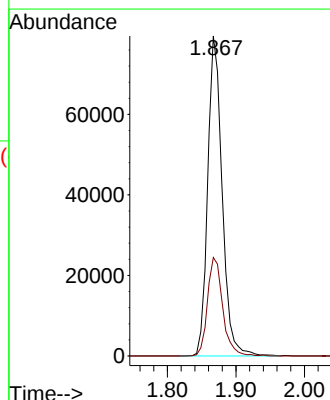
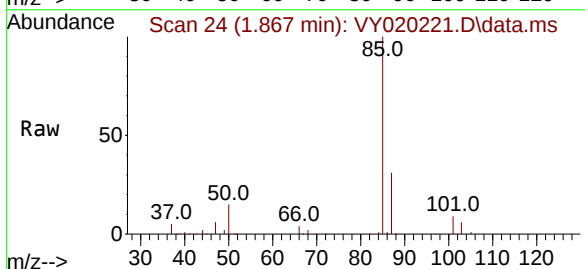
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 282936
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 44.470 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 85 Resp: 116471
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0

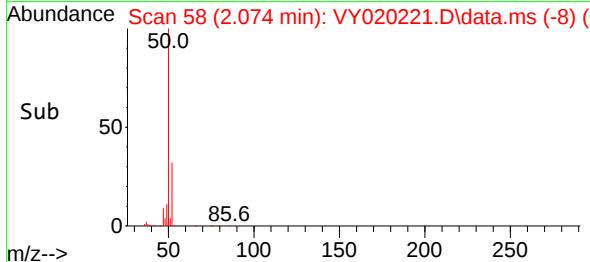
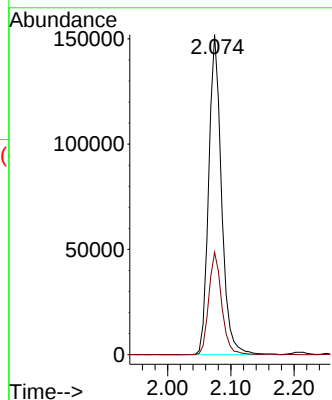
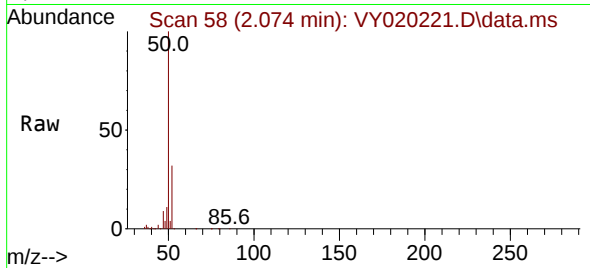




#3
Chloromethane
Concen: 49.406 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

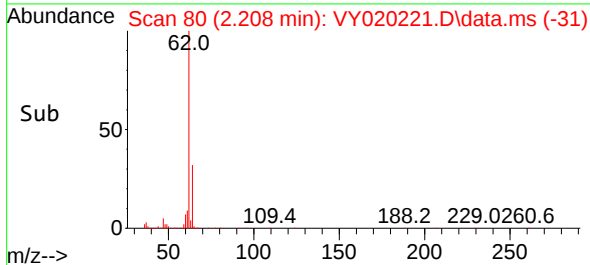
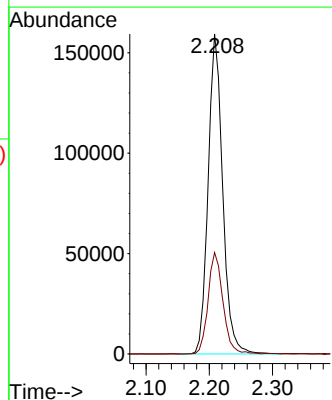
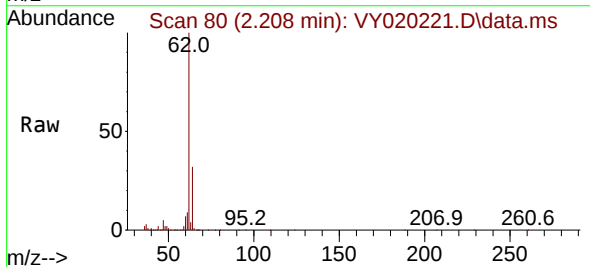
Instrument :
MSVOA_Y
ClientSampleId :

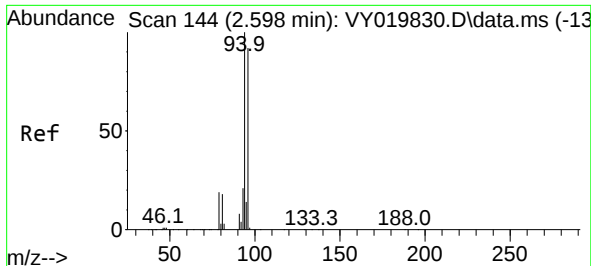
Tgt Ion: 50 Resp: 214336
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 54.787 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 62 Resp: 255160
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

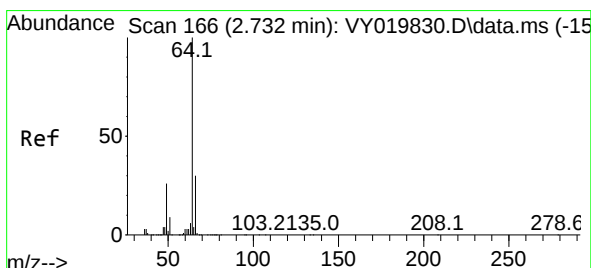
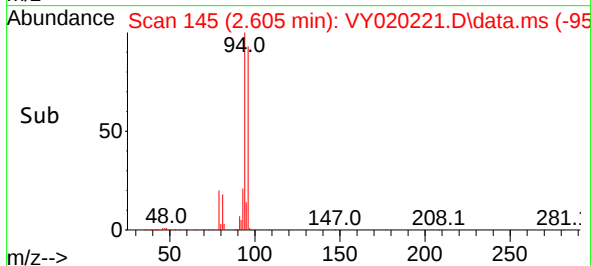
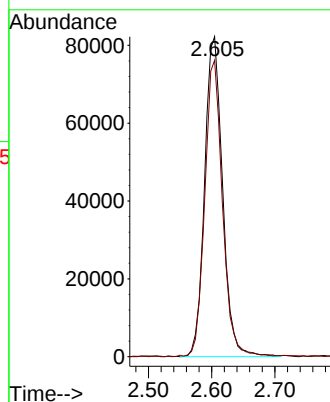
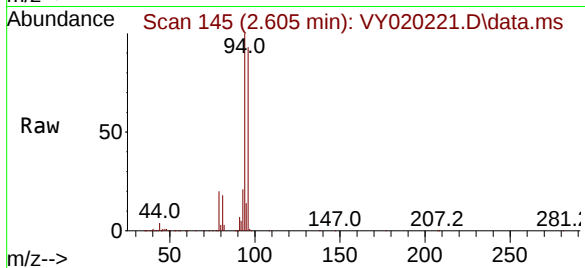




#5
Bromomethane
Concen: 52.620 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

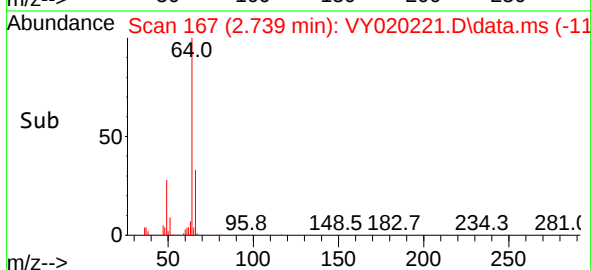
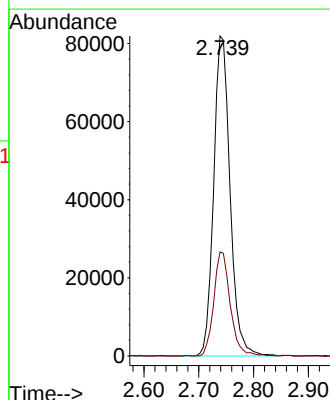
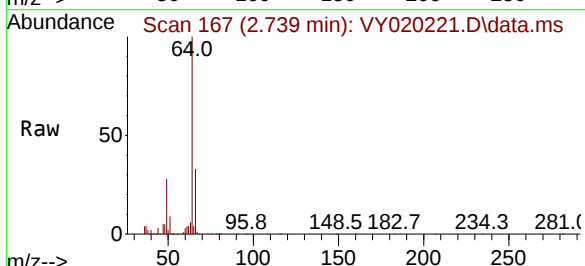
Instrument :
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Tgt Ion: 94 Resp: 162705
Ion Ratio Lower Upper
94 100
96 92.2 74.1 111.1



#6
Chloroethane
Concen: 56.511 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 64 Resp: 169854
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

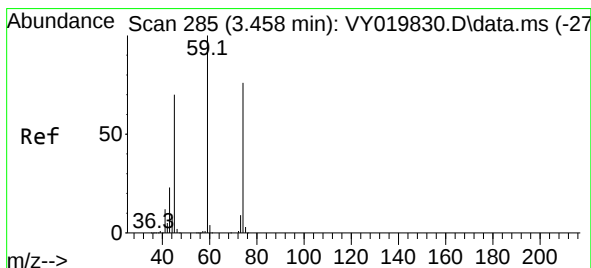
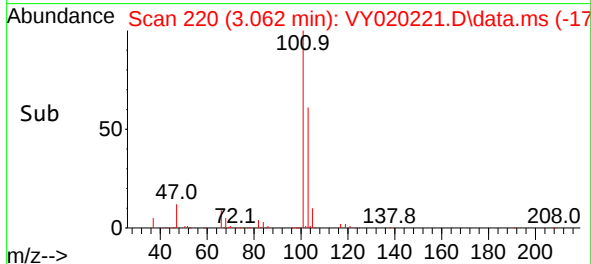
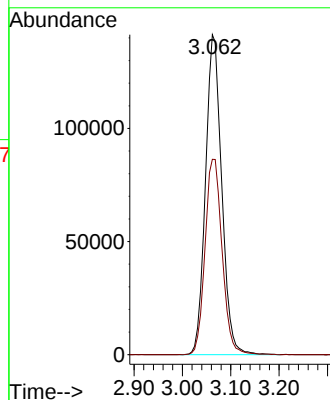
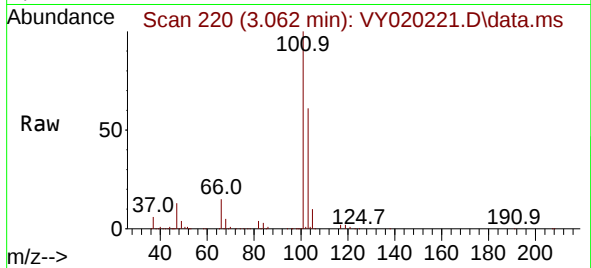




#7
Trichlorofluoromethane
Concen: 57.985 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020221.D
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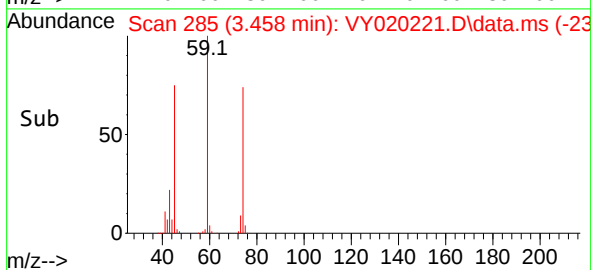
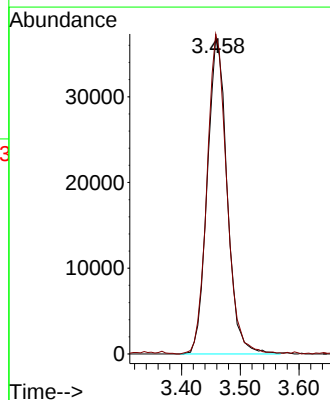
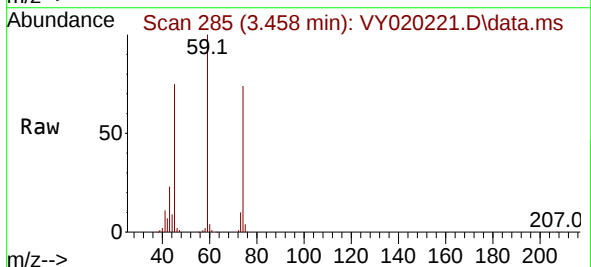
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MSVOA_Y
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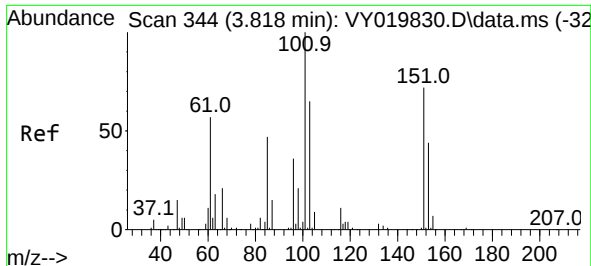
Tgt Ion:101 Resp: 329903
Ion Ratio Lower Upper
101 100
103 61.1 49.3 73.9



#8
Diethyl Ether
Concen: 54.478 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 74 Resp: 86447
Ion Ratio Lower Upper
74 100
45 101.7 41.3 124.1

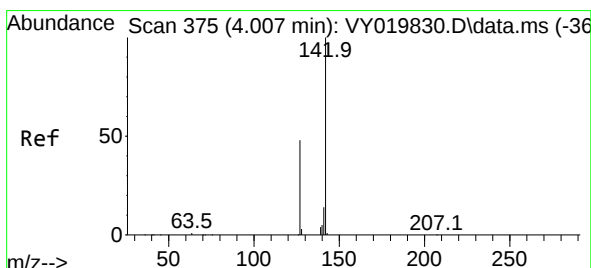
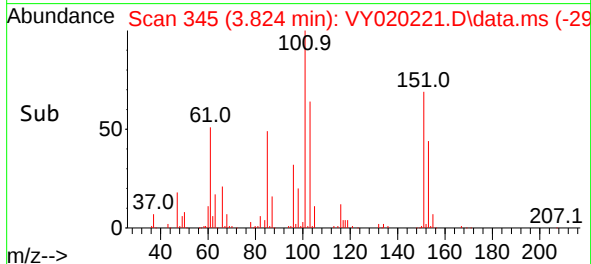
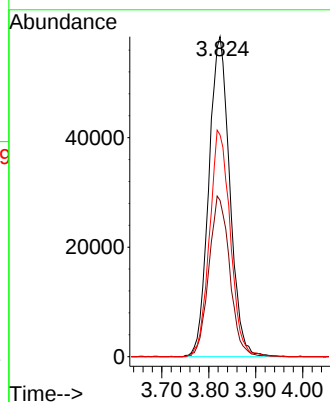
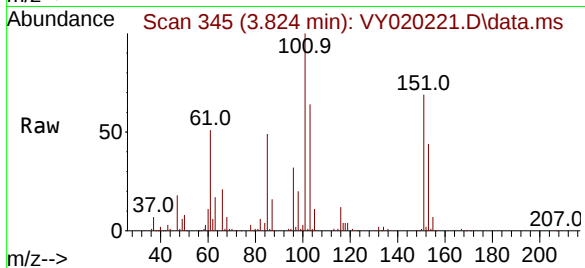




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.524 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020221.D
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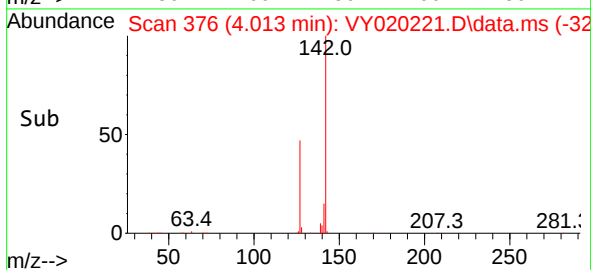
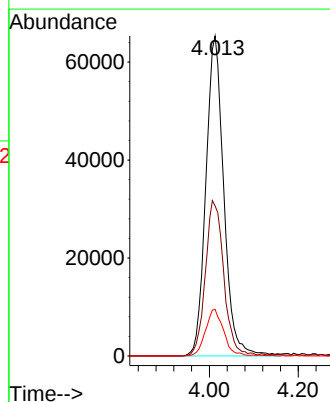
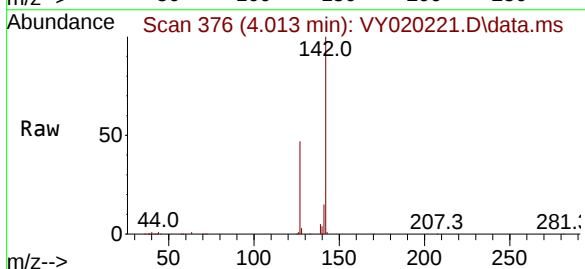
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MSVOA_Y
ClientSampleId :

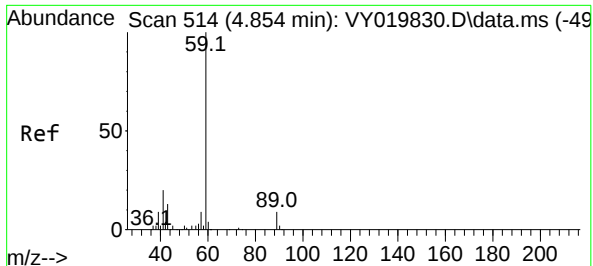
Tgt Ion:101 Resp: 180374
Ion Ratio Lower Upper
101 100
85 50.0 34.5 51.7
151 70.2 61.7 92.5



#10
Methyl Iodide
Concen: 59.582 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion:142 Resp: 183569
Ion Ratio Lower Upper
142 100
127 49.7 32.8 49.2#
141 14.7 11.4 17.2

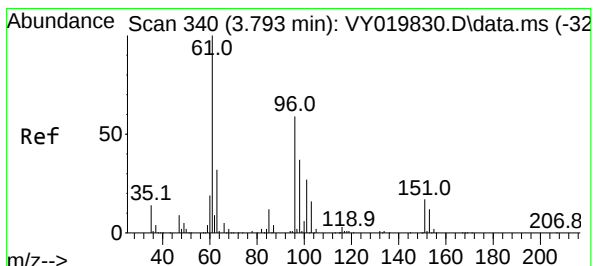
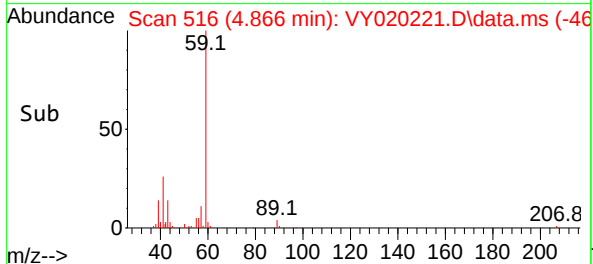
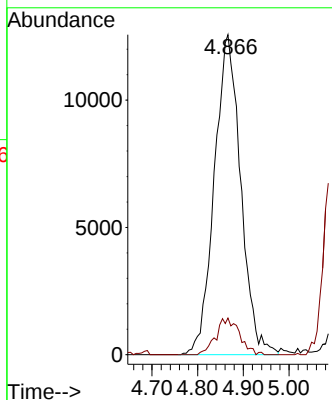
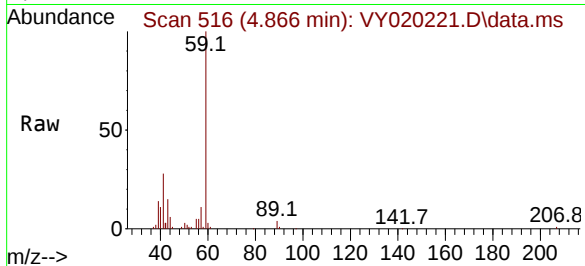




#11
Tert butyl alcohol
Concen: 198.285 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

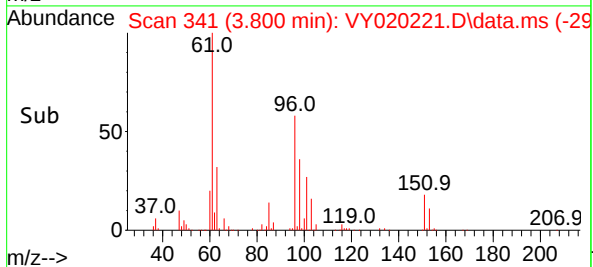
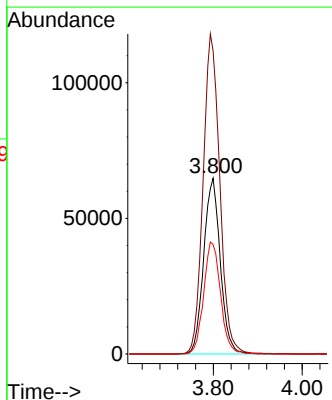
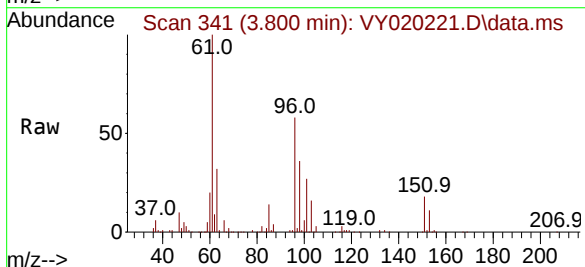
Instrument :
MSVOA_Y
ClientSampleId :

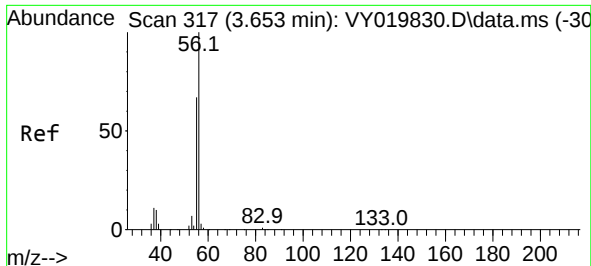
Tgt Ion: 59 Resp: 50365
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 55.225 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 96 Resp: 168614
Ion Ratio Lower Upper
96 100
61 172.6 114.6 171.8#
98 62.3 50.8 76.2

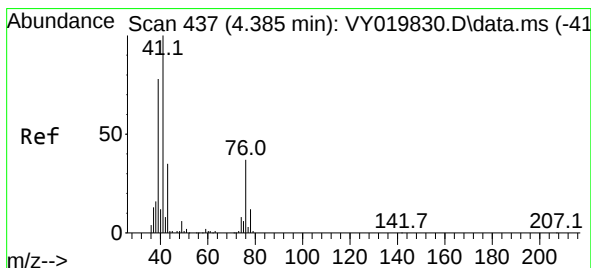
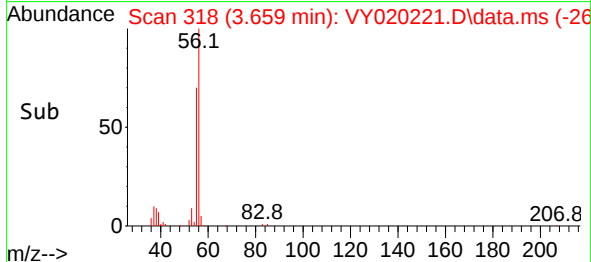
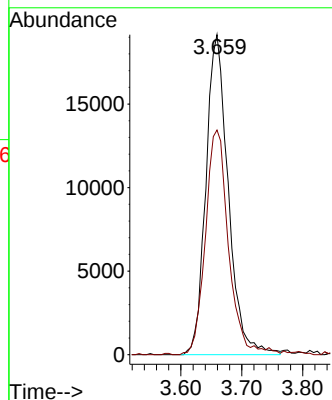
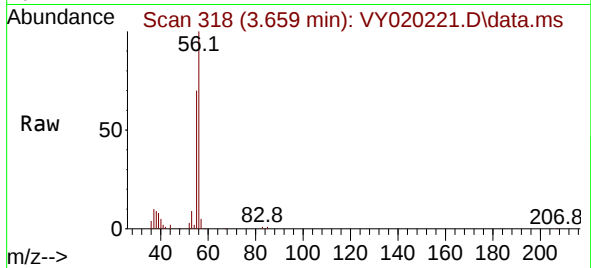




#13
Acrolein
Concen: 154.447 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

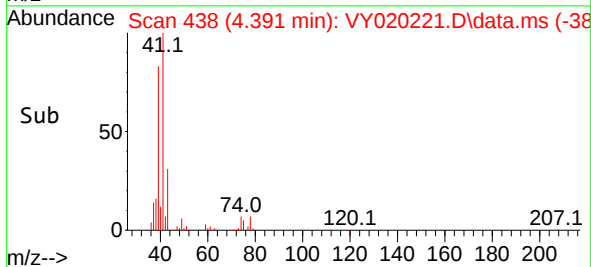
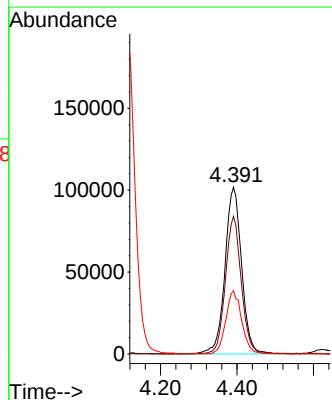
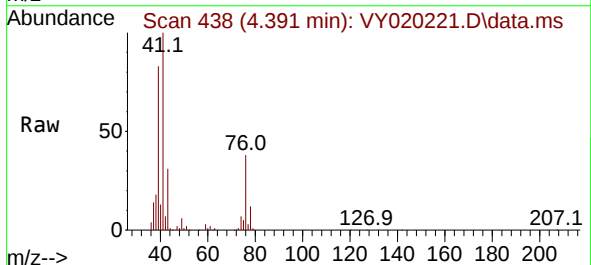
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 48835
Ion Ratio Lower Upper
56 100
55 72.5 55.7 83.5



#14
Allyl chloride
Concen: 55.874 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

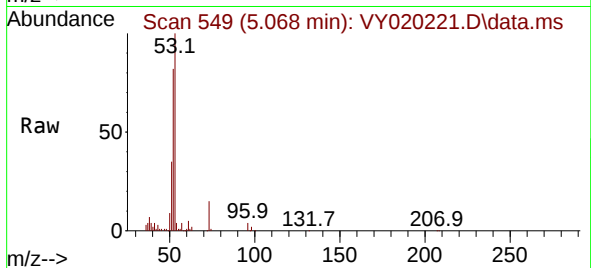
Tgt Ion: 41 Resp: 307789
Ion Ratio Lower Upper
41 100
39 78.6 58.3 87.5
76 36.2 39.0 58.6#



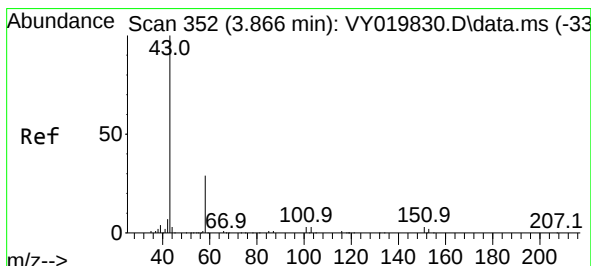
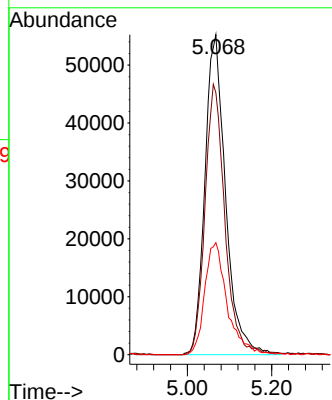
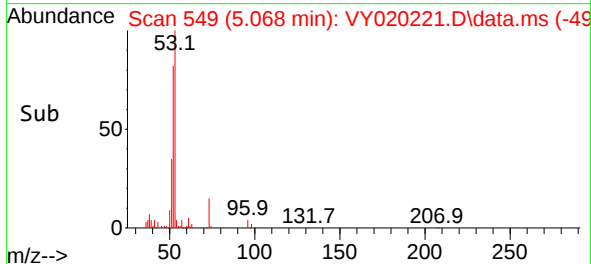


#15
Acrylonitrile
Concen: 260.823 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Instrument :
MSVOA_Y
ClientSampleId :

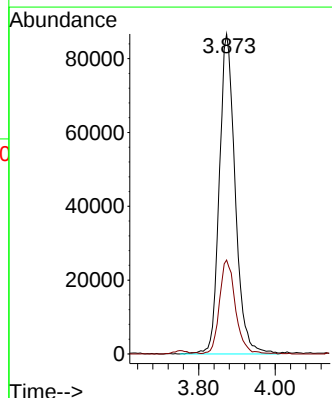
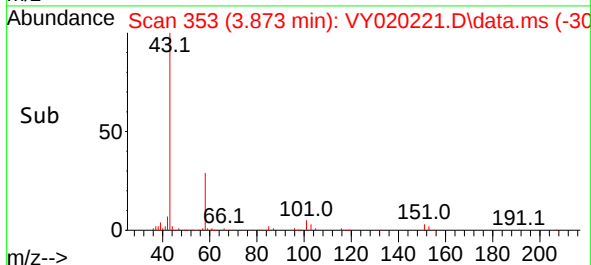
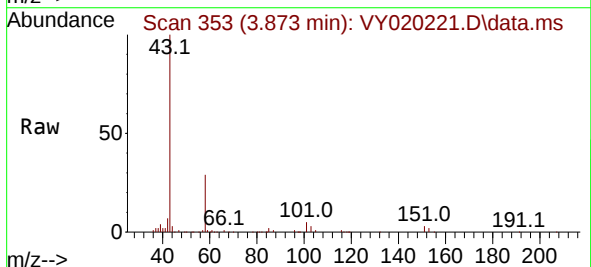


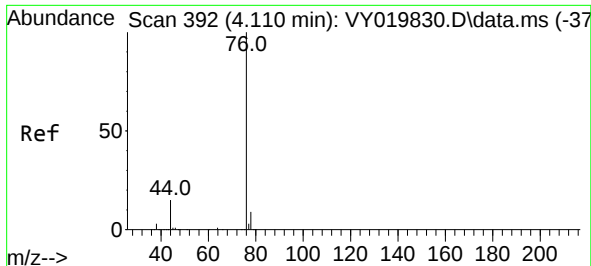
Tgt Ion: 53 Resp: 188399
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 304.163 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 43 Resp: 249780
Ion Ratio Lower Upper
43 100
58 29.2 31.7 47.5#

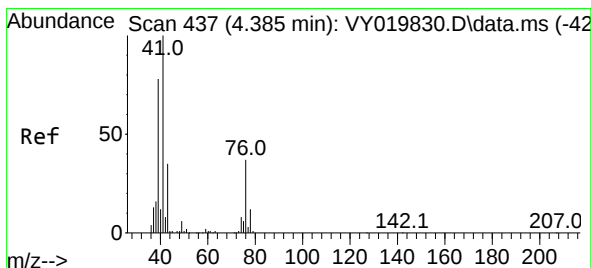
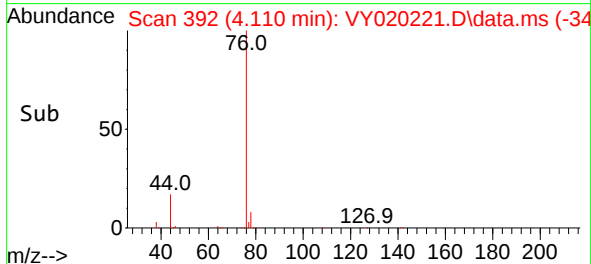
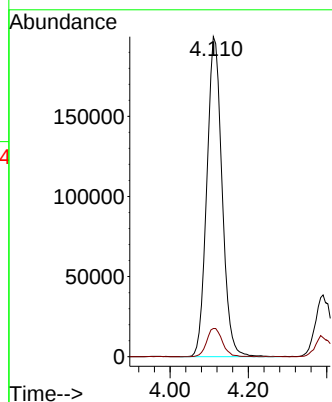
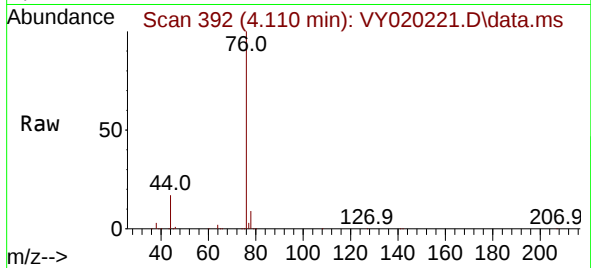




#17
Carbon Disulfide
Concen: 52.924 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

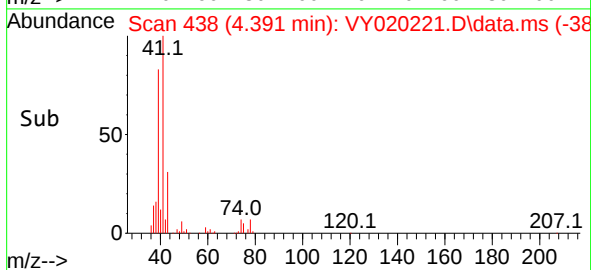
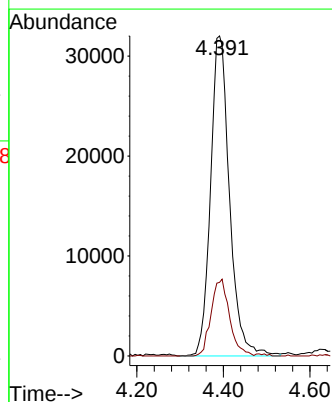
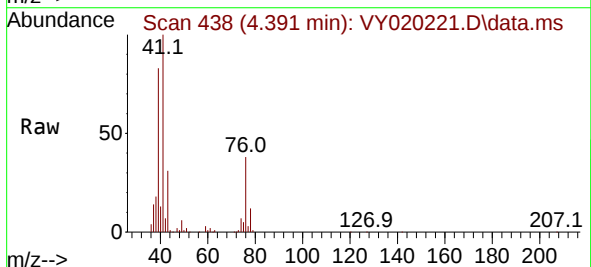
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 537751
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 50.590 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 43 Resp: 97476
Ion Ratio Lower Upper
43 100
74 23.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.604 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

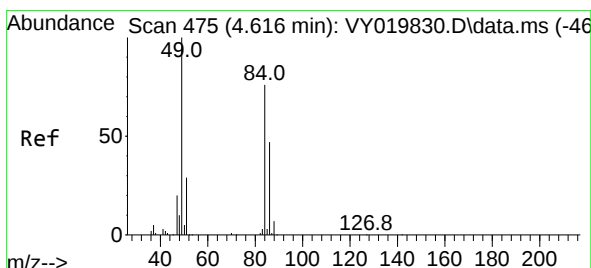
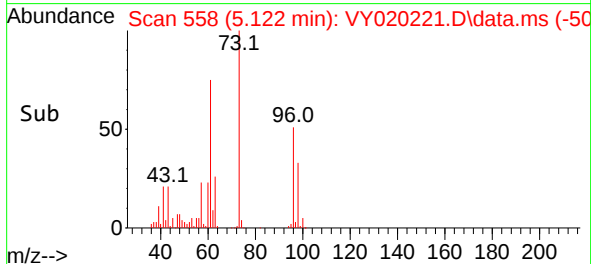
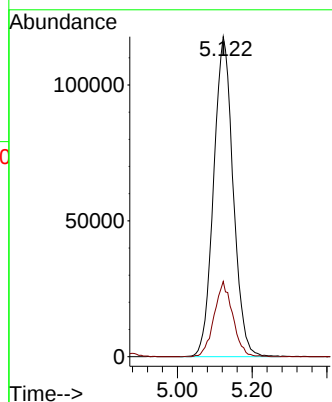
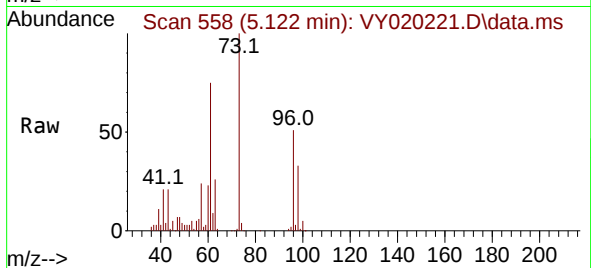
ClientSampleId :

Tgt Ion: 73 Resp: 427110

Ion Ratio Lower Upper

73 100

57 23.5 17.3 25.9



#20

Methylene Chloride

Concen: 48.329 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Tgt Ion: 84 Resp: 178286

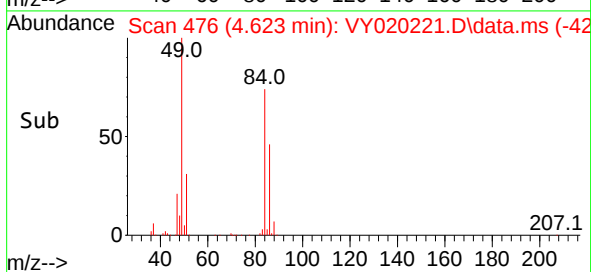
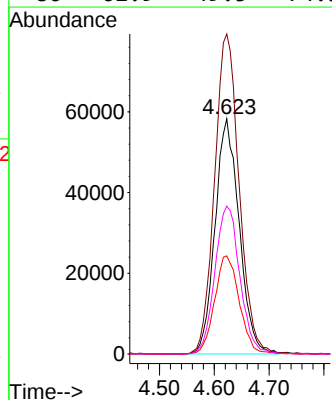
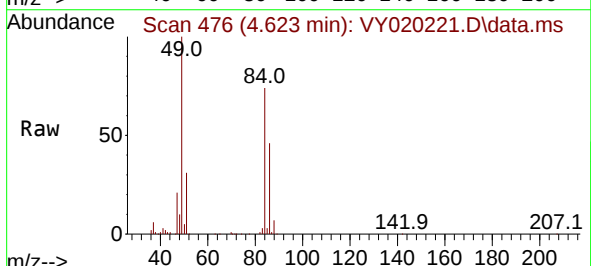
Ion Ratio Lower Upper

84 100

49 136.0 84.4 126.6#

51 41.7 26.0 39.0#

86 62.9 49.5 74.3

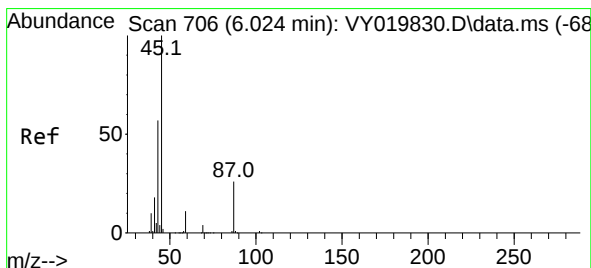
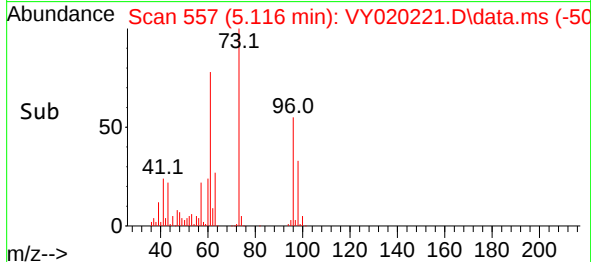
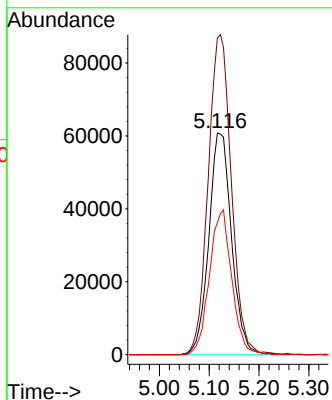
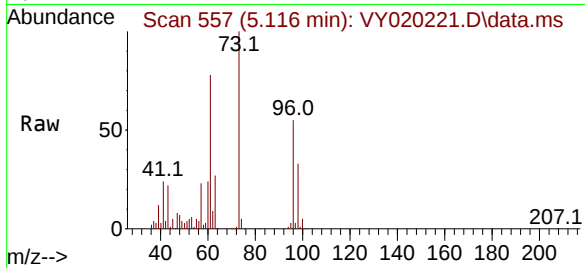




#21
trans-1,2-Dichloroethene
Concen: 56.012 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

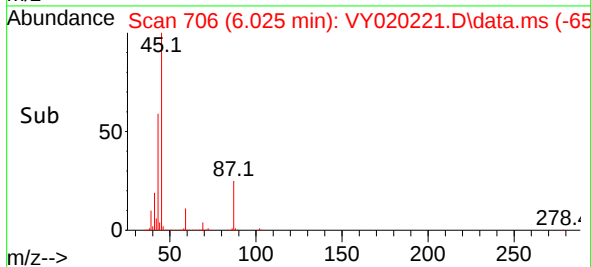
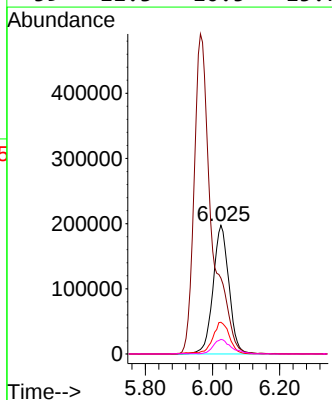
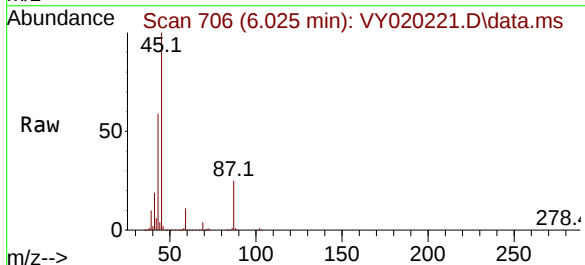
Instrument :
MSVOA_Y
ClientSampleId :

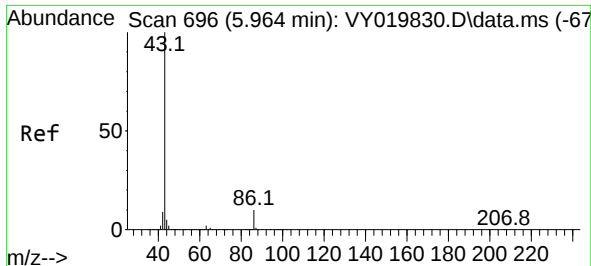
Tgt Ion: 96 Resp: 192870
Ion Ratio Lower Upper
96 100
61 142.9 97.5 146.3
98 59.6 50.5 75.7



#22
Diisopropyl ether
Concen: 56.629 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 45 Resp: 647348
Ion Ratio Lower Upper
45 100
43 58.8 42.2 63.2
87 24.6 25.0 37.6#
59 11.3 10.5 15.7

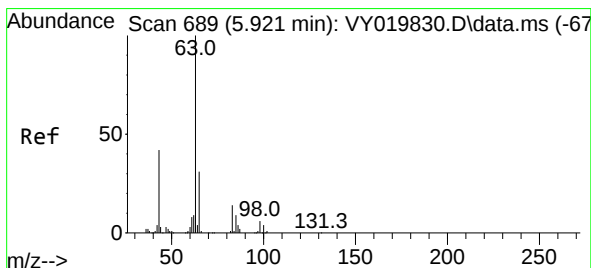
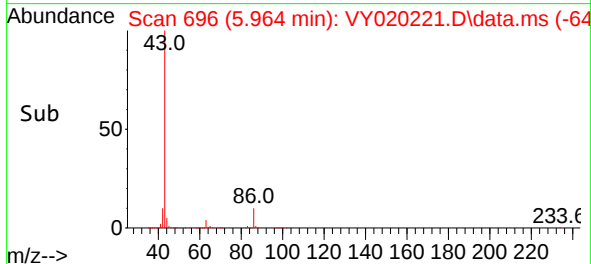
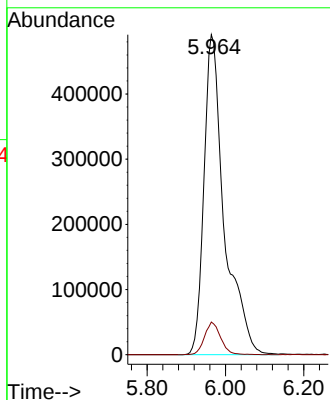
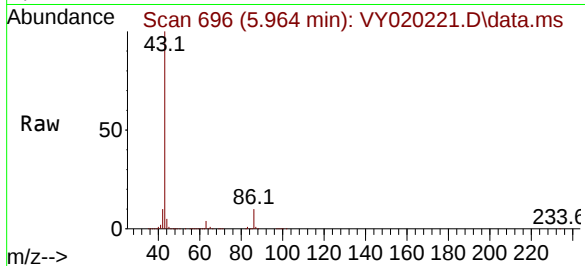




#23
 Vinyl Acetate
 Concen: 274.470 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY020221.D
 Acq: 08 Nov 2024 09:33

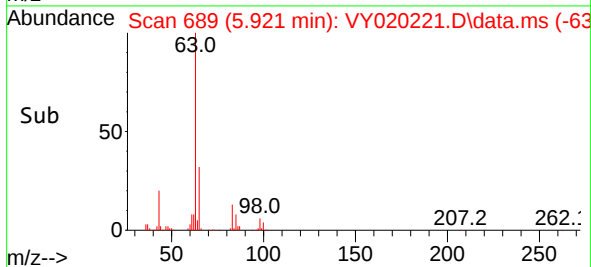
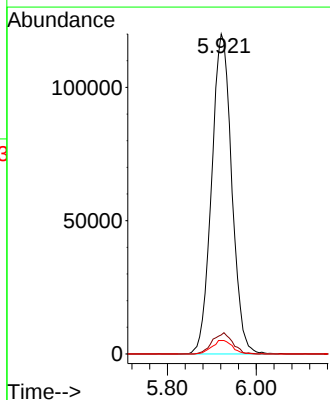
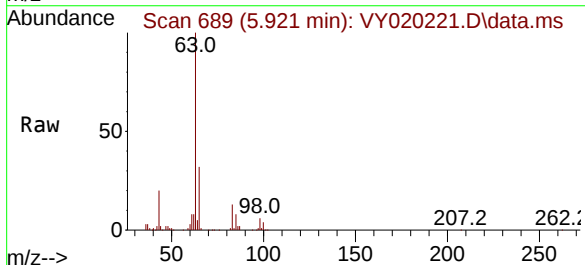
Instrument :
 MSVOA_Y
 ClientSampleId :

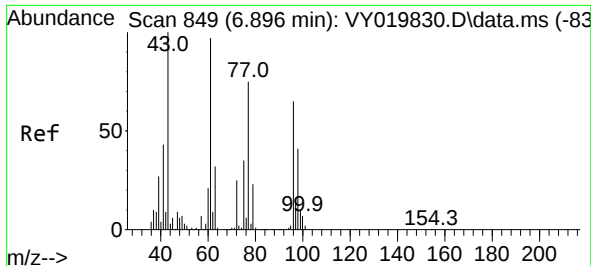
Tgt Ion: 43 Resp: 1765733
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 56.997 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY020221.D
 Acq: 08 Nov 2024 09:33

Tgt Ion: 63 Resp: 377275
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.0 12.2
 100 4.2 2.6 8.0

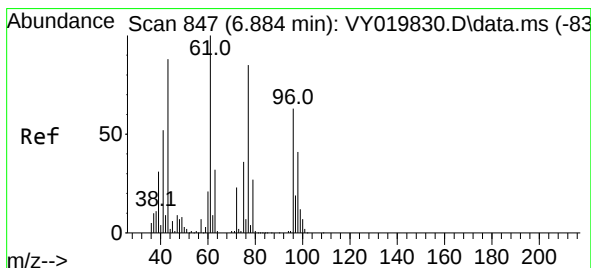
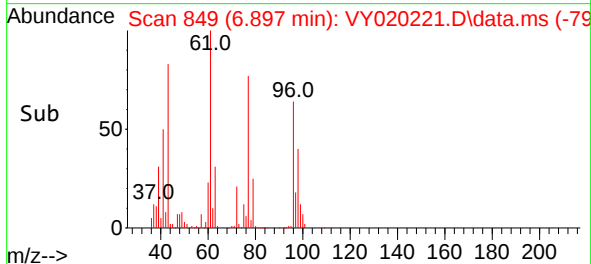
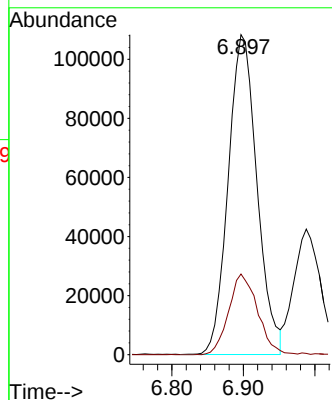
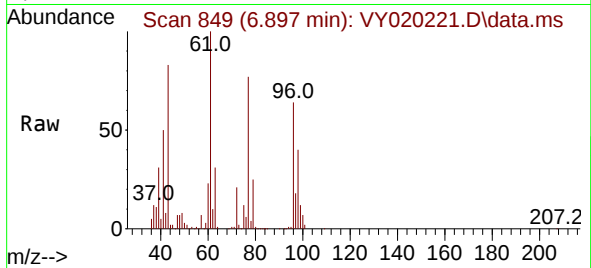




#25
2-Butanone
Concen: 272.262 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

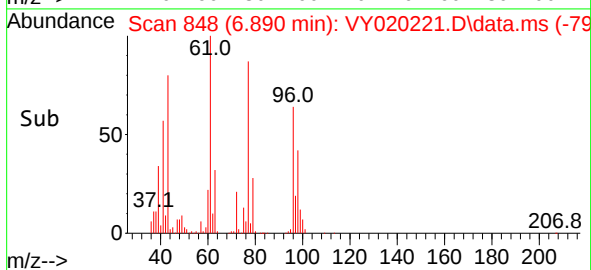
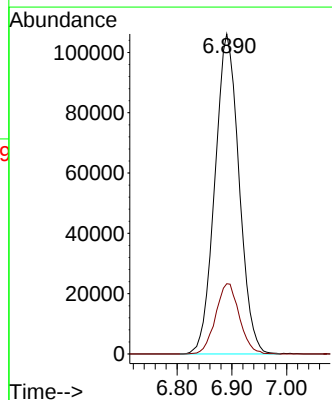
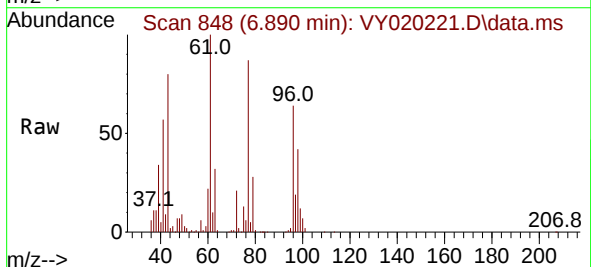
Instrument :
MSVOA_Y
ClientSampleId :

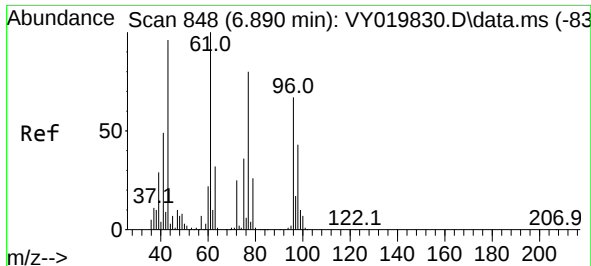
Tgt Ion: 43 Resp: 303075
Ion Ratio Lower Upper
43 100
72 25.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 59.007 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 77 Resp: 324975
Ion Ratio Lower Upper
77 100
97 21.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 57.198 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.007 min

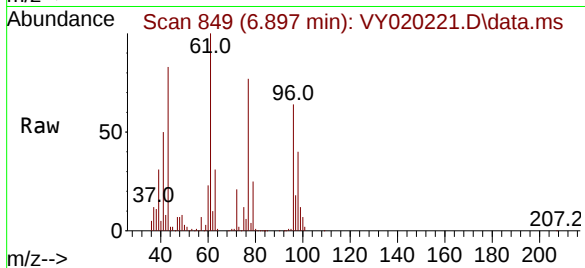
Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :



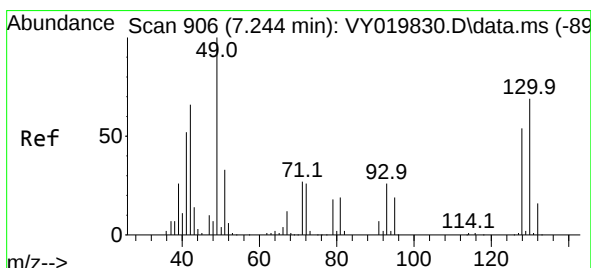
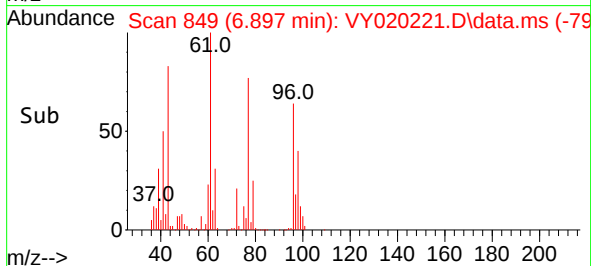
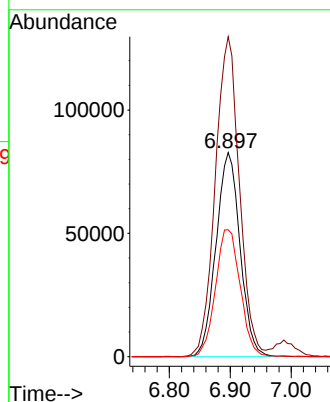
Tgt Ion: 96 Resp: 226405

Ion Ratio Lower Upper

96 100

61 157.7 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 50.388 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

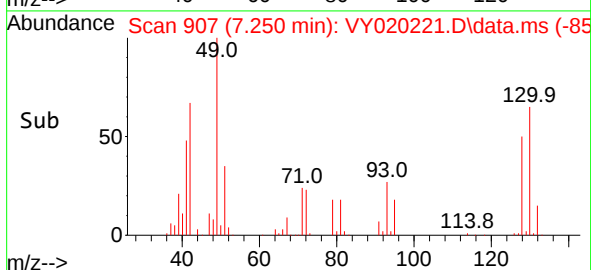
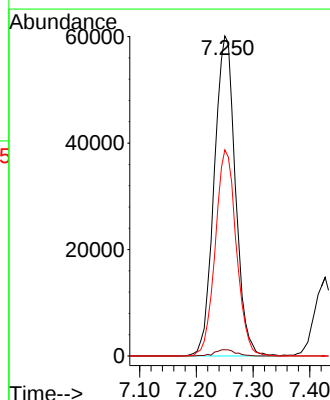
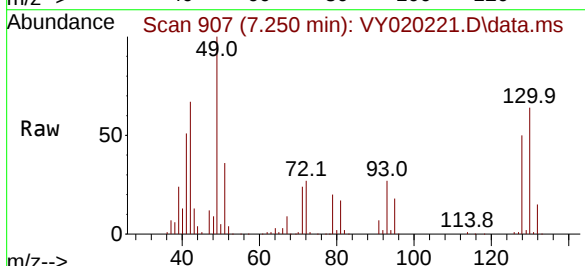
Tgt Ion: 49 Resp: 156176

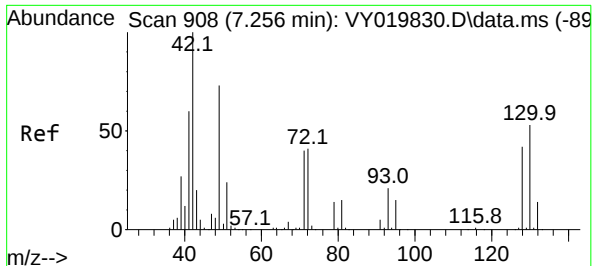
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 63.9 72.7 109.1#





#29

Tetrahydrofuran

Concen: 253.415 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

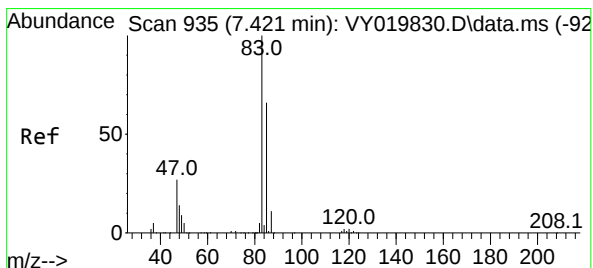
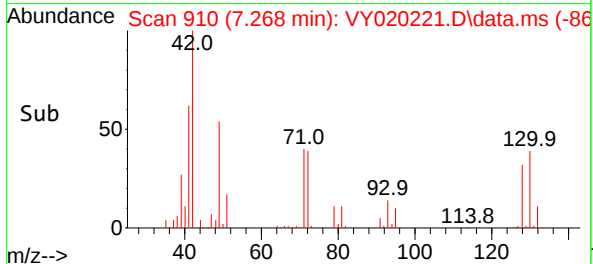
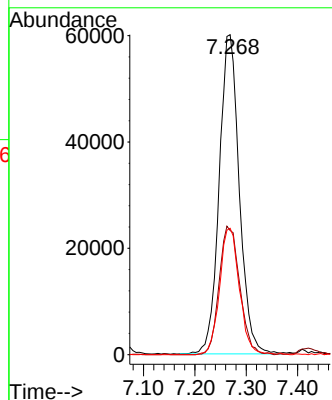
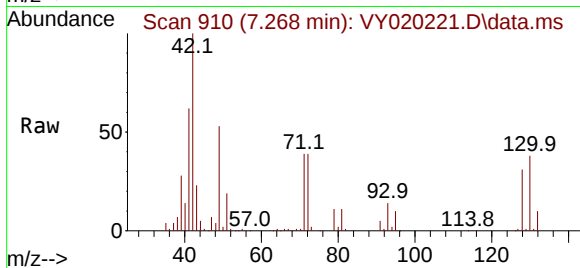
Tgt Ion: 42 Resp: 162798

Ion Ratio Lower Upper

42 100

72 41.3 43.0 64.4#

71 39.1 40.8 61.2#



#30

Chloroform

Concen: 58.109 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020221.D

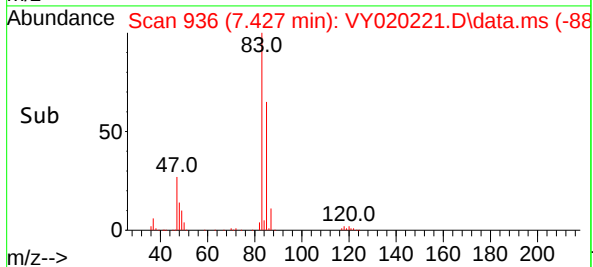
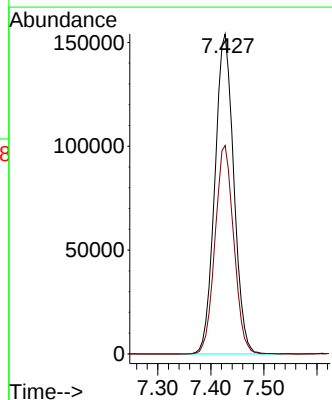
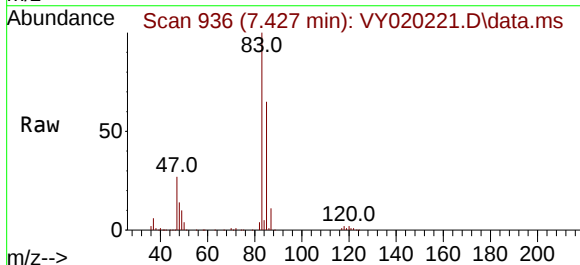
Acq: 08 Nov 2024 09:33

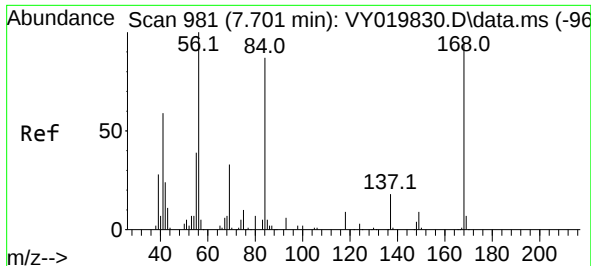
Tgt Ion: 83 Resp: 381684

Ion Ratio Lower Upper

83 100

85 65.1 52.2 78.4

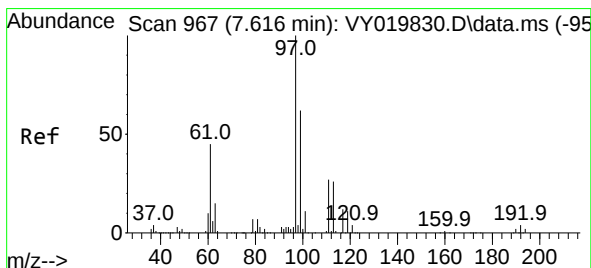
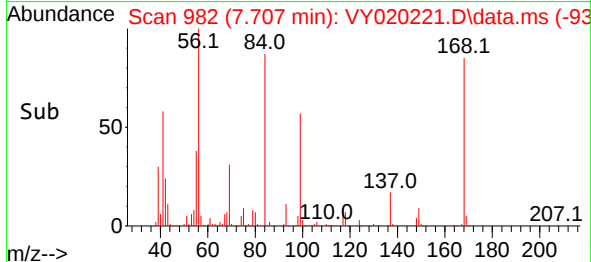
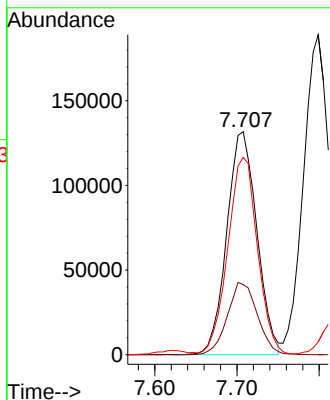
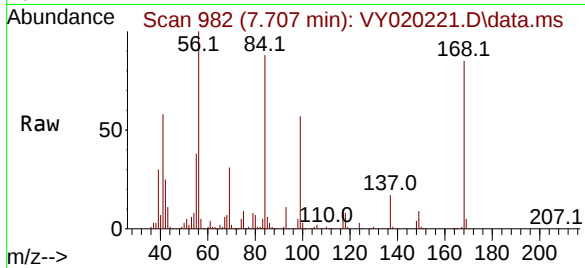




#31
Cyclohexane
Concen: 52.317 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

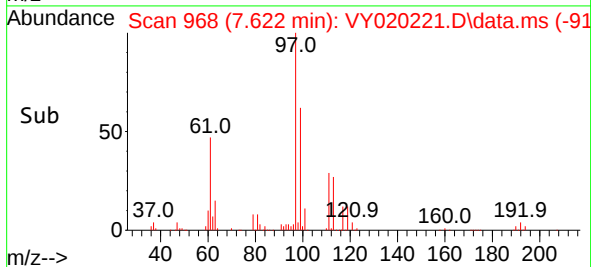
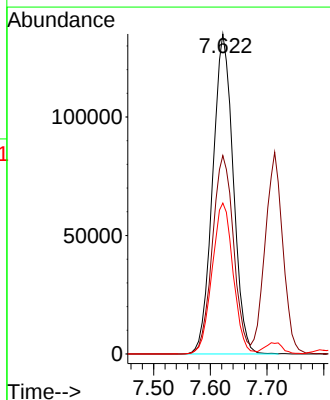
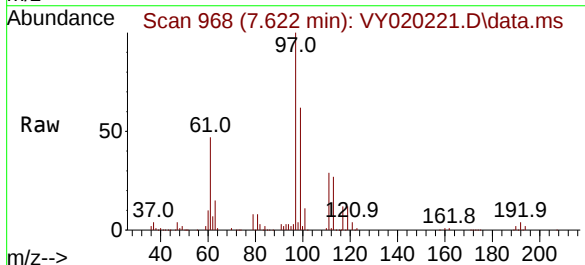
Instrument :
MSVOA_Y
ClientSampleId :

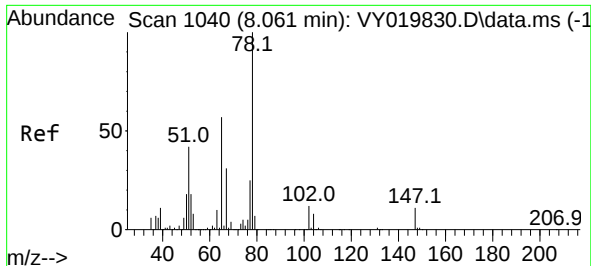
Tgt Ion: 56 Resp: 335257
Ion Ratio Lower Upper
56 100
69 31.4 28.7 43.1
84 86.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 59.337 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 97 Resp: 340279
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 48.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.349 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

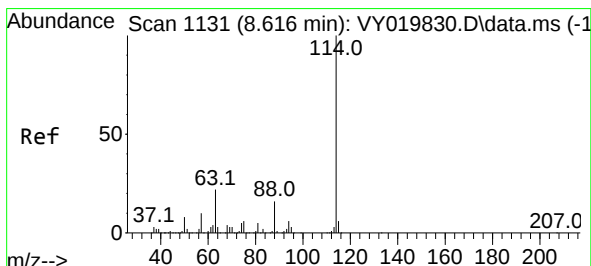
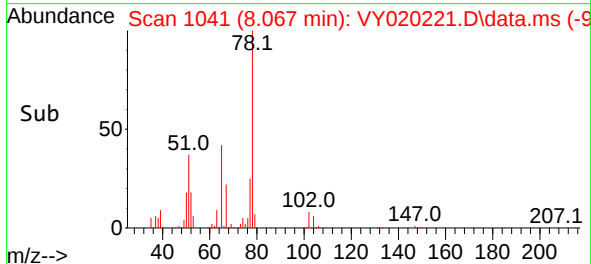
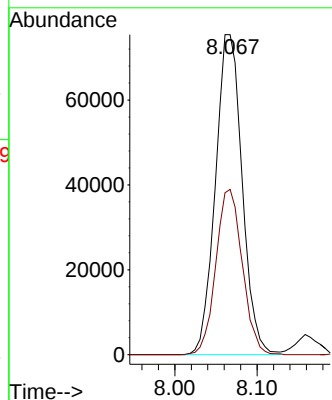
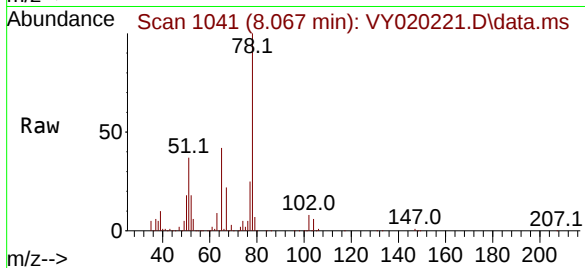
ClientSampleId :

Tgt Ion: 65 Resp: 170730

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

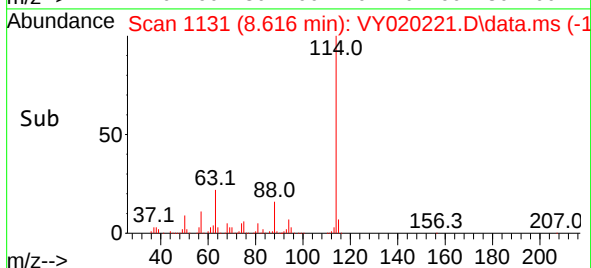
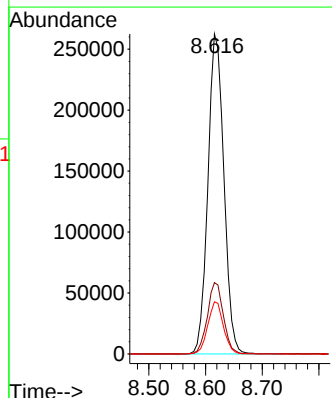
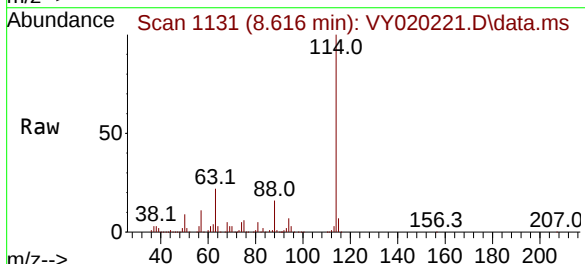
Tgt Ion:114 Resp: 514187

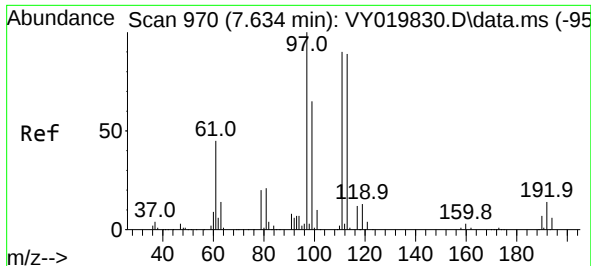
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 16.3 0.0 27.2

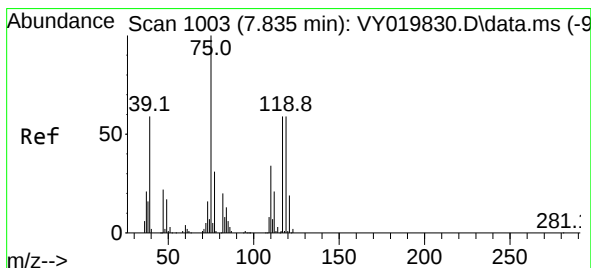
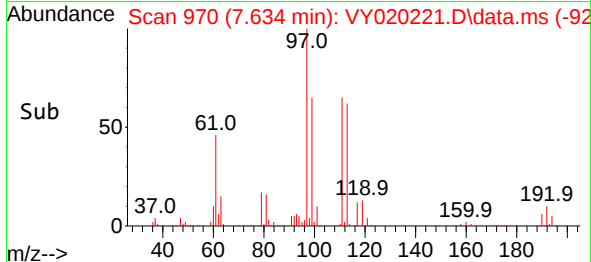
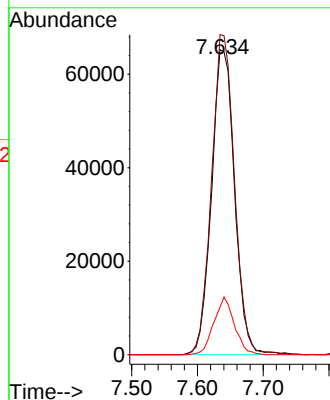
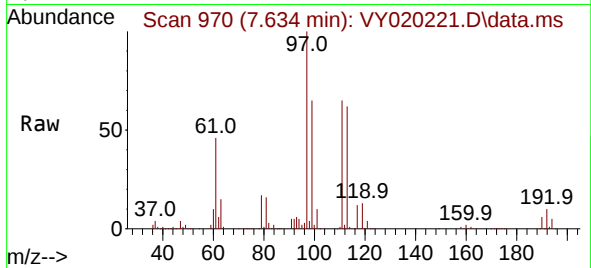




#35
Dibromofluoromethane
Concen: 48.607 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

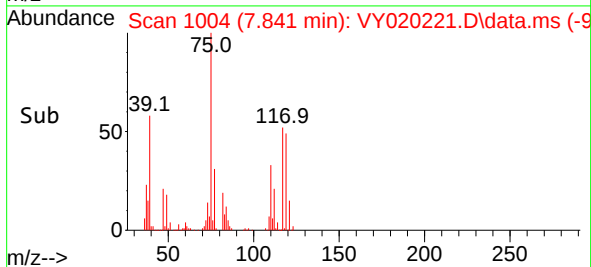
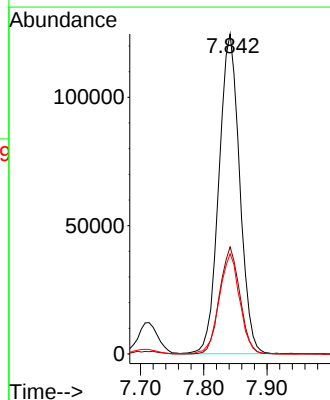
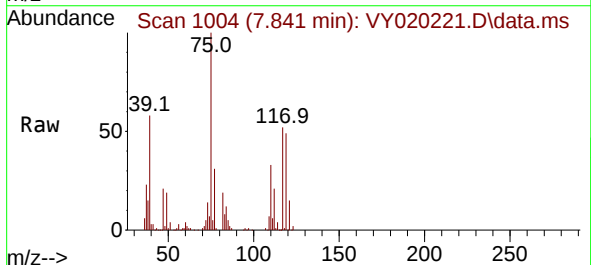
Instrument :
MSVOA_Y
ClientSampleId :

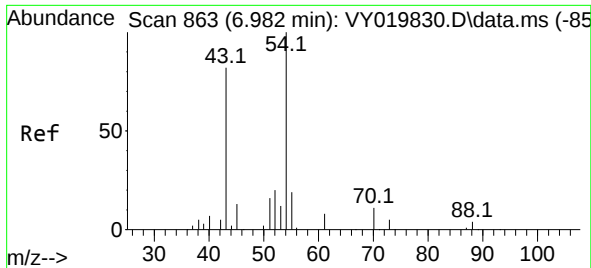
Tgt Ion:113 Resp: 158906
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 56.106 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 75 Resp: 283342
Ion Ratio Lower Upper
75 100
110 32.5 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 47.811 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

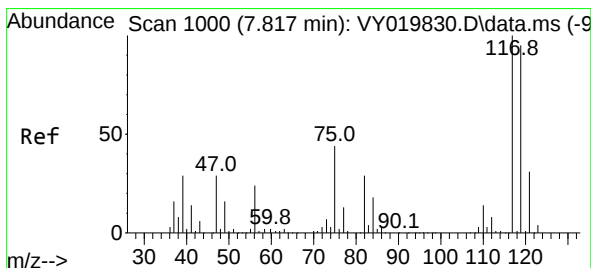
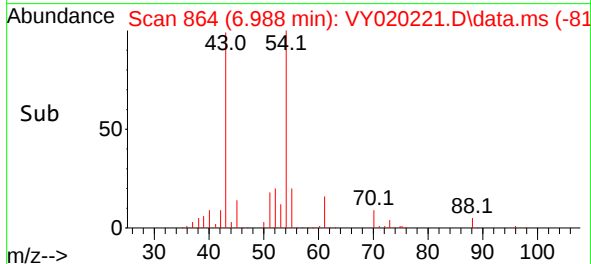
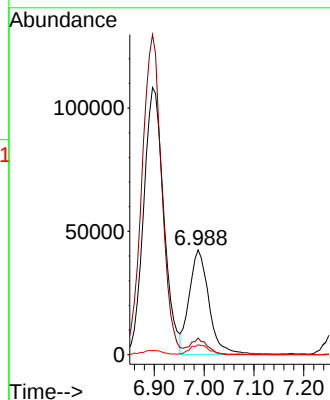
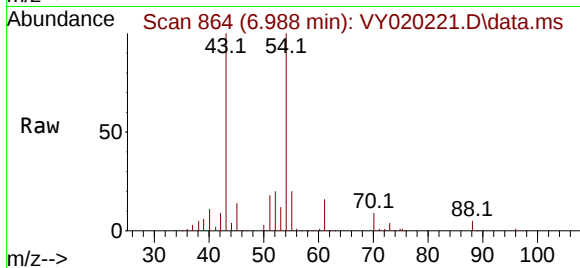
Tgt Ion: 43 Resp: 115117

Ion Ratio Lower Upper

43 100

61 13.6 12.6 19.0

70 9.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 58.940 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

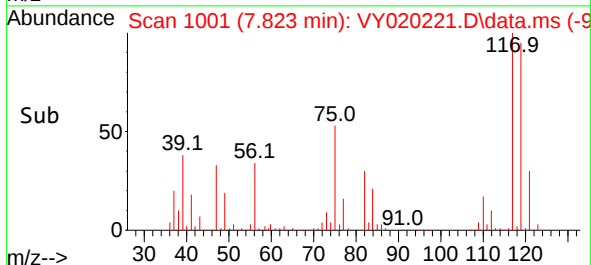
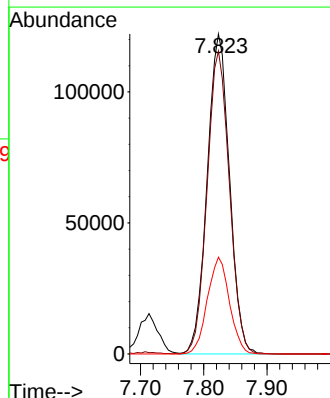
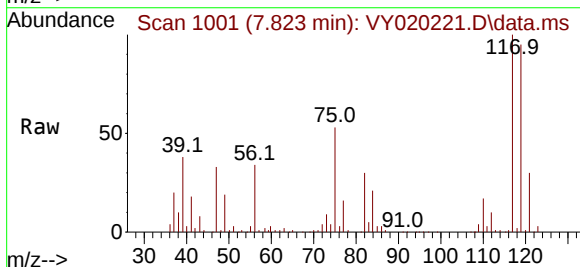
Tgt Ion: 117 Resp: 299317

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.6

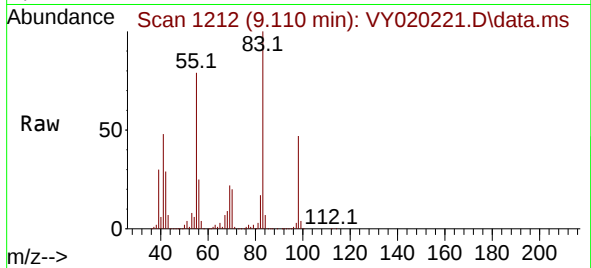
121 30.2 24.0 36.0



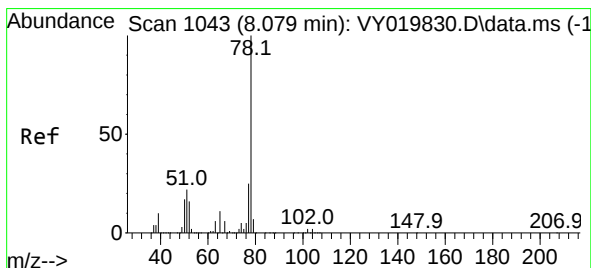
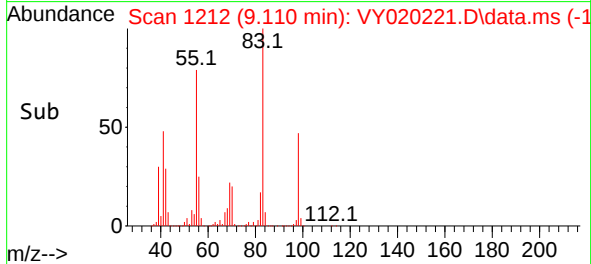
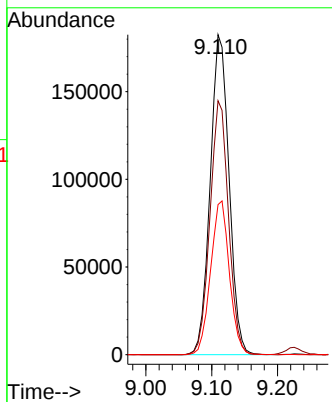


#39
Methylcyclohexane
Concen: 56.790 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Instrument :
MSVOA_Y
ClientSampleId :

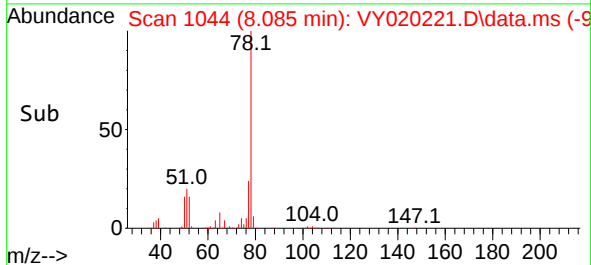
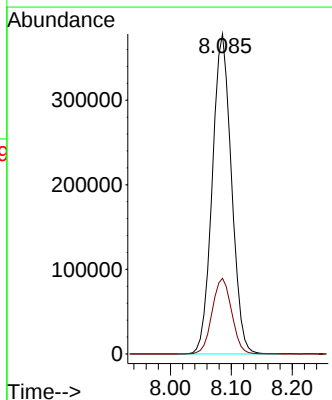
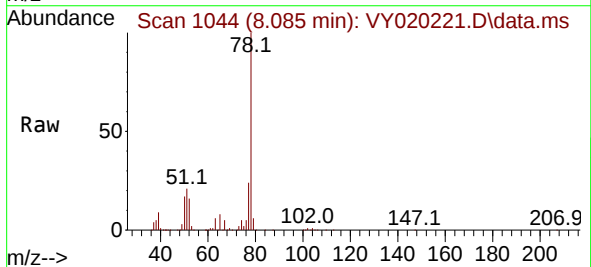


Tgt Ion: 83 Resp: 363997
Ion Ratio Lower Upper
83 100
55 79.3 51.5 77.3#
98 46.9 40.5 60.7



#40
Benzene
Concen: 56.084 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 78 Resp: 826704
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

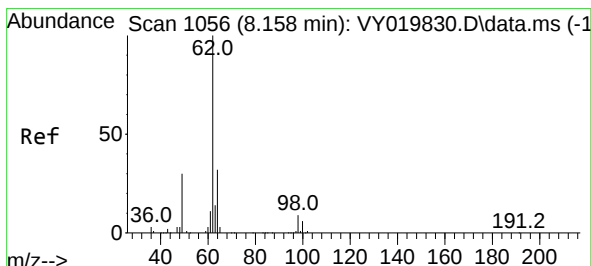
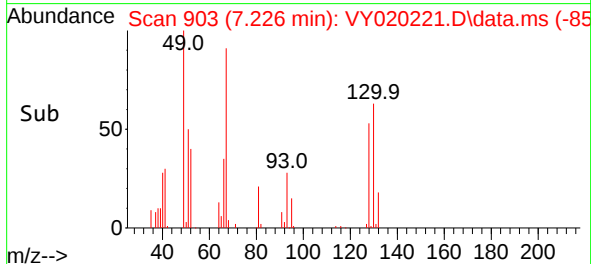
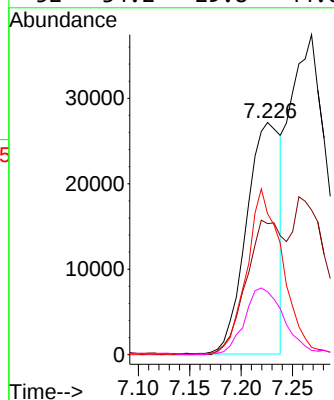
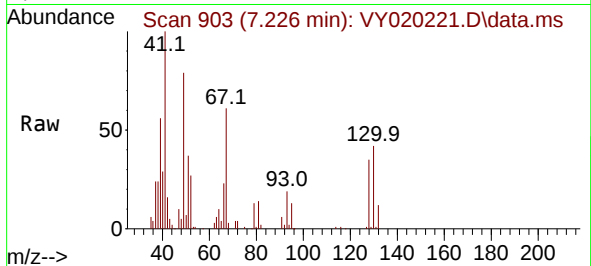




#41
Methacrylonitrile
Concen: 51.862 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

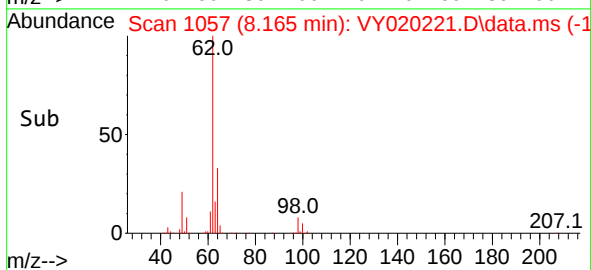
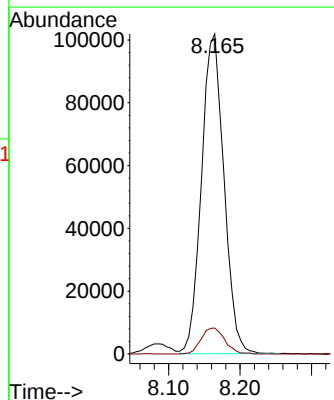
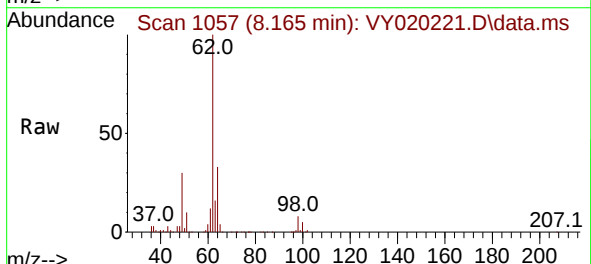
Instrument :
MSVOA_Y
ClientSampleId :

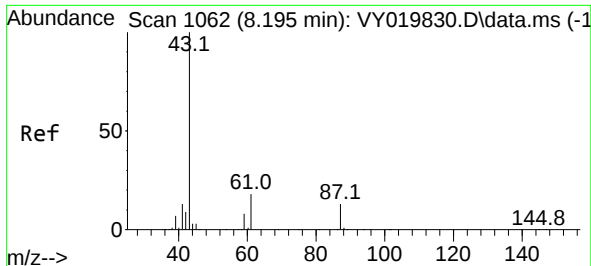
Tgt Ion: 41 Resp: 62552
Ion Ratio Lower Upper
41 100
39 64.8 48.0 72.0
67 75.3 75.1 112.7
52 34.2 29.8 44.6



#42
1,2-Dichloroethane
Concen: 54.434 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 62 Resp: 222099
Ion Ratio Lower Upper
62 100
98 8.6 0.0 22.0

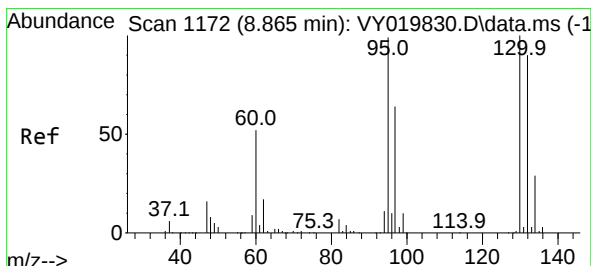
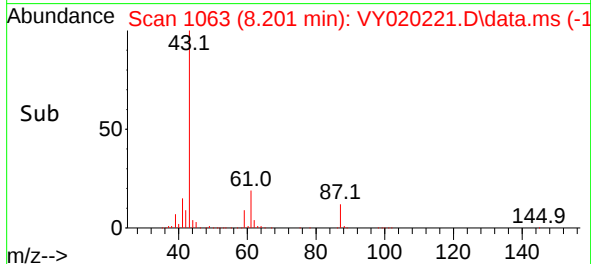
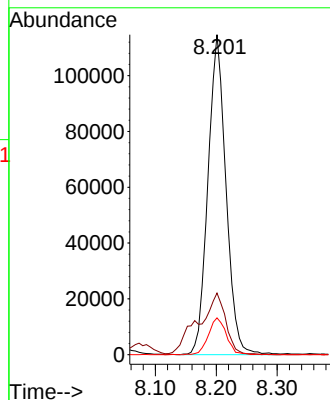
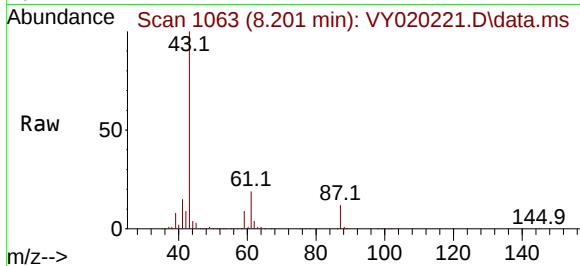




#43
Isopropyl Acetate
Concen: 50.958 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

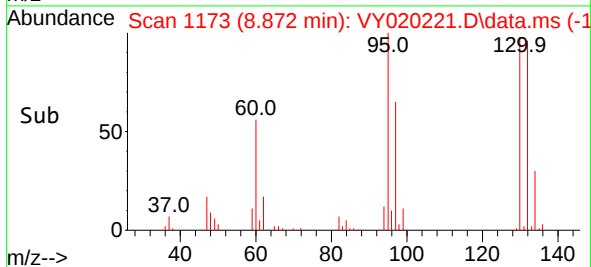
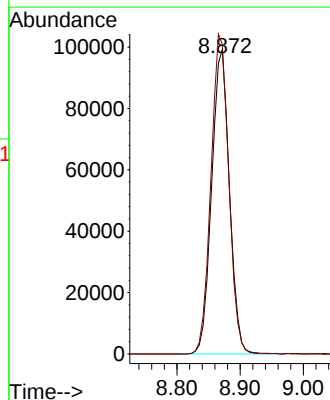
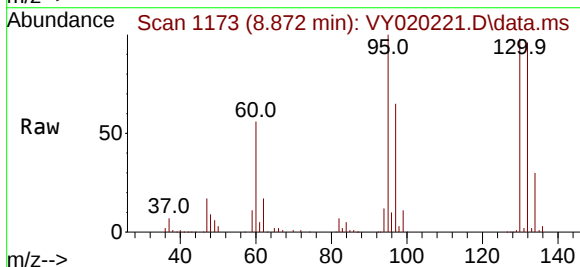
Instrument :
MSVOA_Y
ClientSampleId :

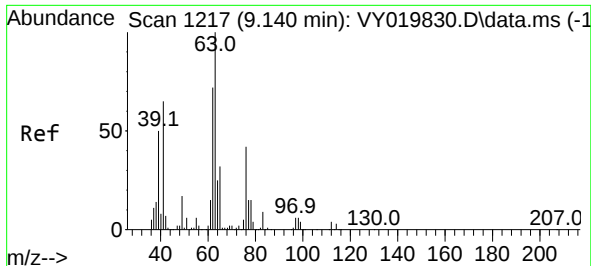
Tgt Ion: 43 Resp: 235938
Ion Ratio Lower Upper
43 100
61 29.5 27.9 41.9
87 11.4 13.1 19.7#



#44
Trichloroethene
Concen: 56.560 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion:130 Resp: 193232
Ion Ratio Lower Upper
130 100
95 101.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.090 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

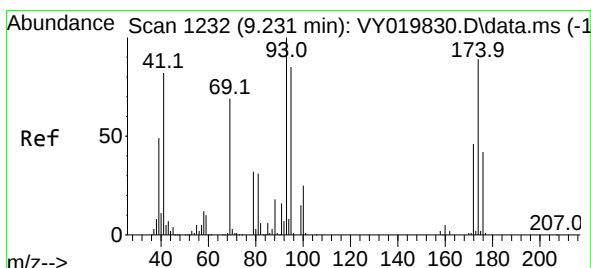
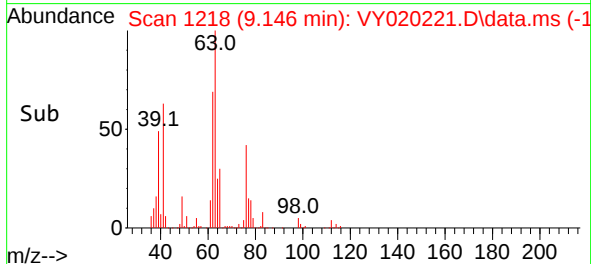
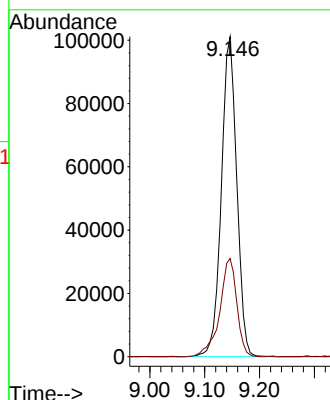
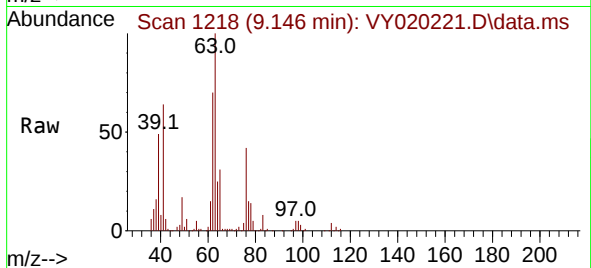
ClientSampleId :

Tgt Ion: 63 Resp: 197811

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#46

Dibromomethane

Concen: 54.040 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.001 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

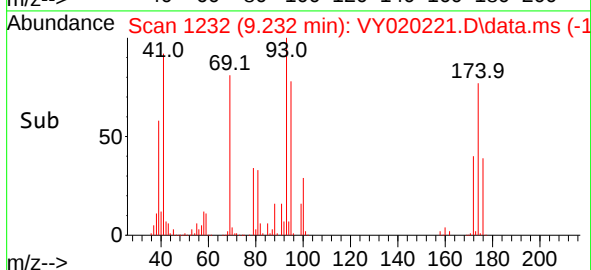
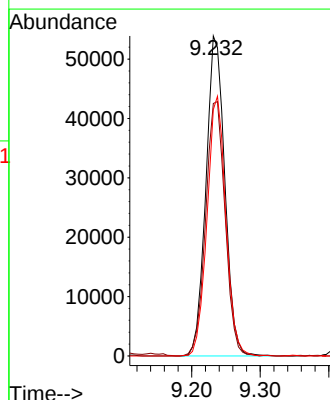
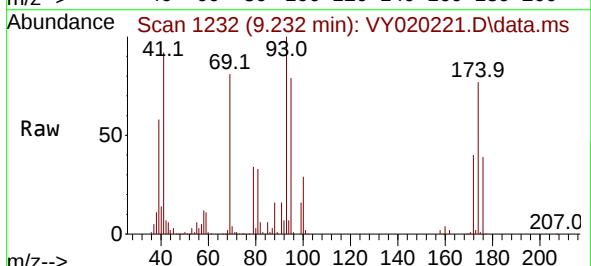
Tgt Ion: 93 Resp: 103267

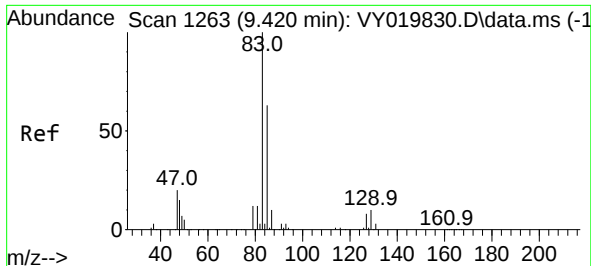
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 80.5 80.9 121.3#

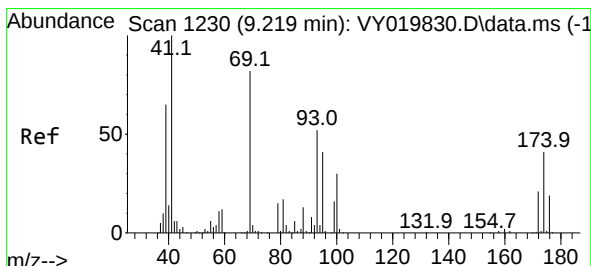
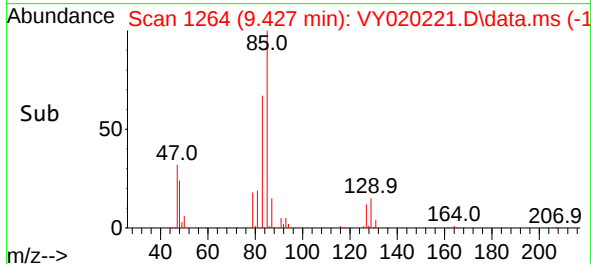
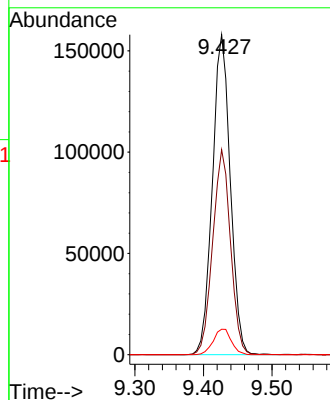
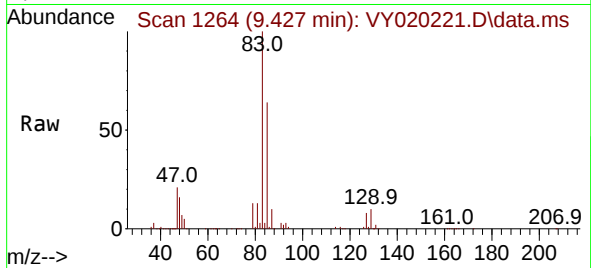




#47
Bromodichloromethane
Concen: 57.198 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

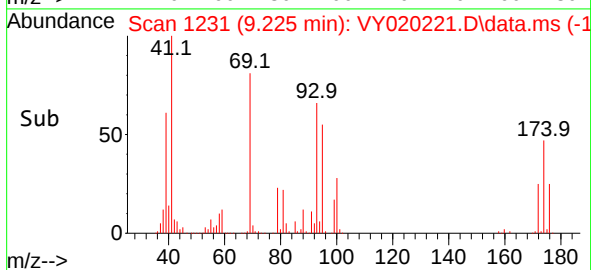
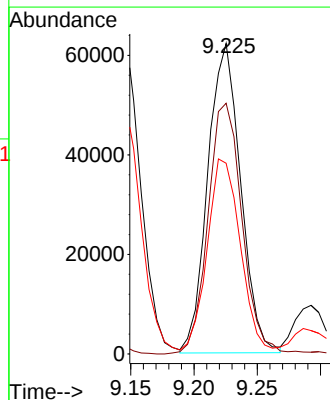
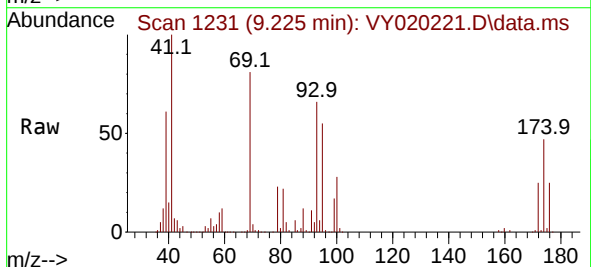
Instrument :
MSVOA_Y
ClientSampleId :

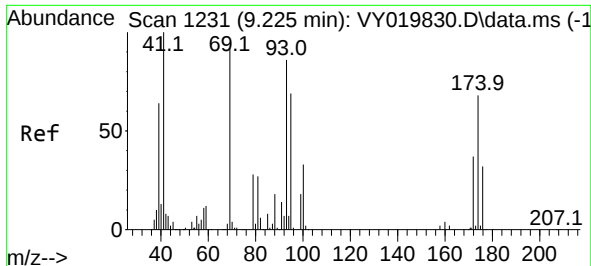
Tgt Ion: 83 Resp: 286338
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 52.492 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 41 Resp: 112574
Ion Ratio Lower Upper
41 100
69 84.2 84.1 126.1
39 61.6 43.6 65.4





#49

1,4-Dioxane

Concen: 1004.377 ug/l

RT: 9.232 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

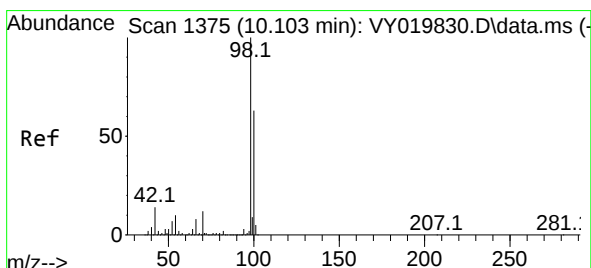
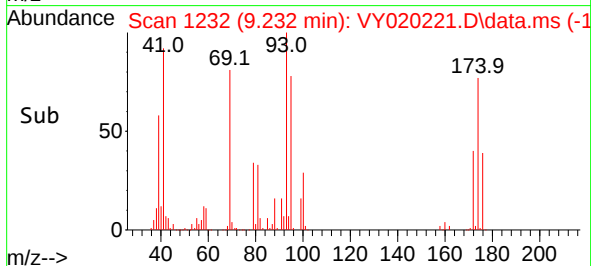
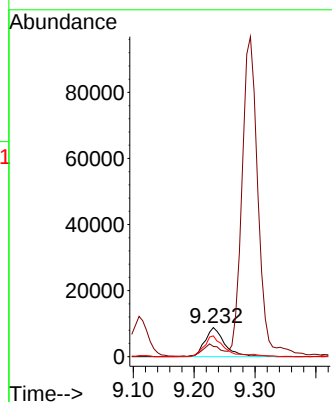
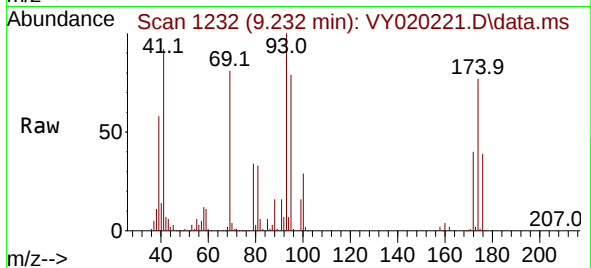
Tgt Ion: 88 Resp: 19760

Ion Ratio Lower Upper

88 100

43 38.0 0.0 0.0#

58 70.4 49.3 73.9



#50

Toluene-d8

Concen: 49.080 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020221.D

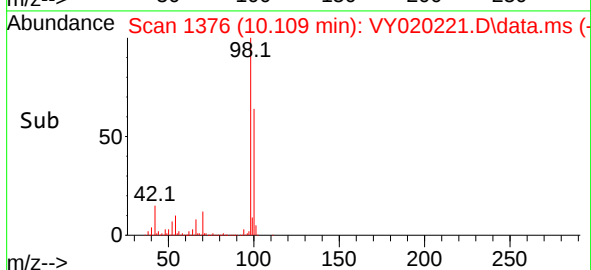
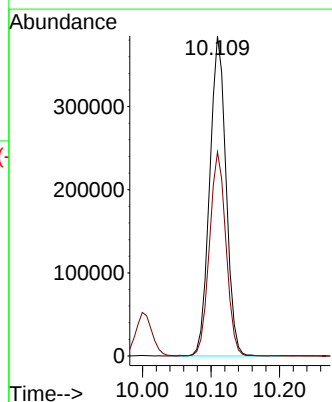
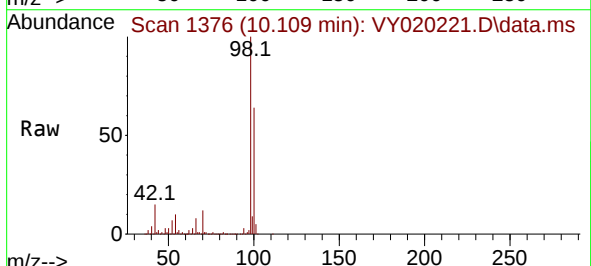
Acq: 08 Nov 2024 09:33

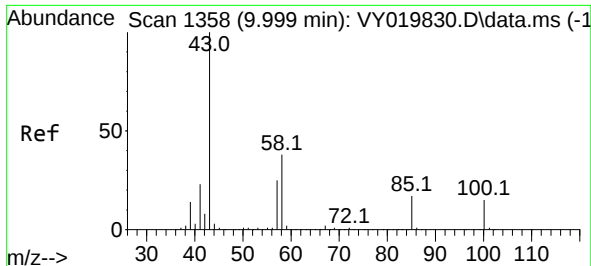
Tgt Ion: 98 Resp: 638676

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 261.182 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

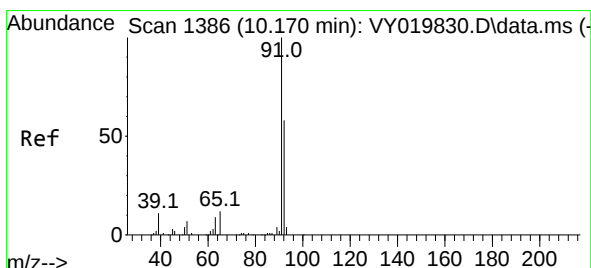
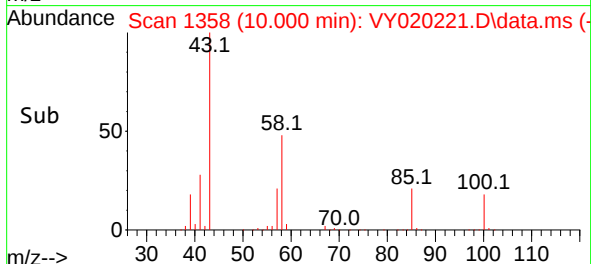
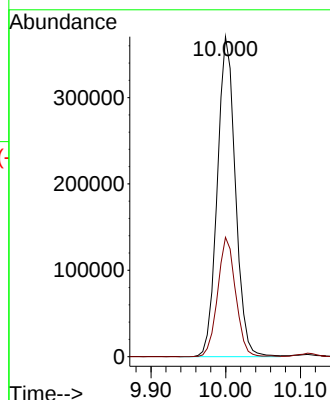
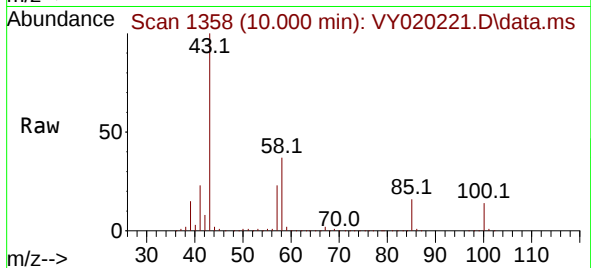
ClientSampleId :

Tgt Ion: 43 Resp: 623100

Ion Ratio Lower Upper

43 100

58 37.1 35.7 53.5



#52

Toluene

Concen: 58.283 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.007 min

Lab File: VY020221.D

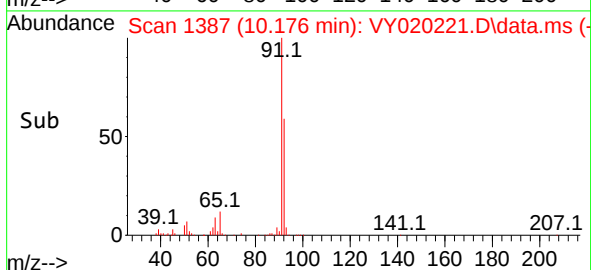
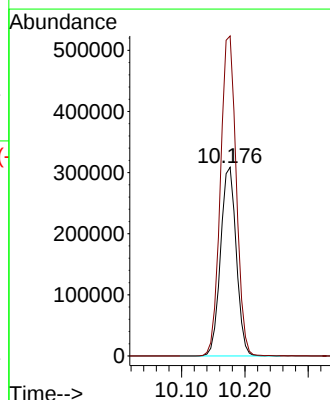
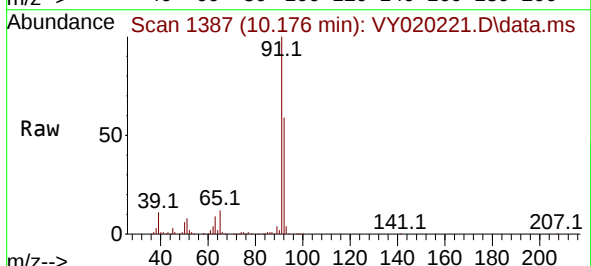
Acq: 08 Nov 2024 09:33

Tgt Ion: 92 Resp: 529578

Ion Ratio Lower Upper

92 100

91 171.2 139.0 208.6

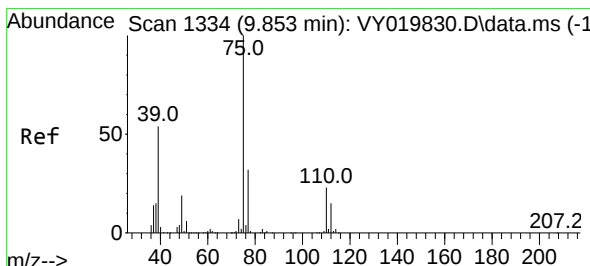
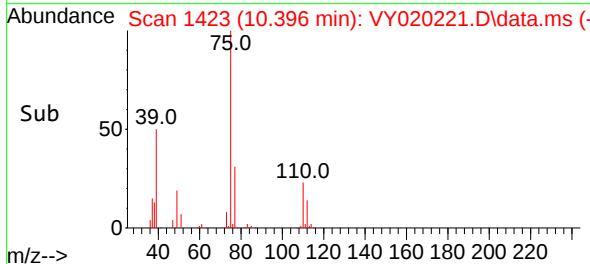
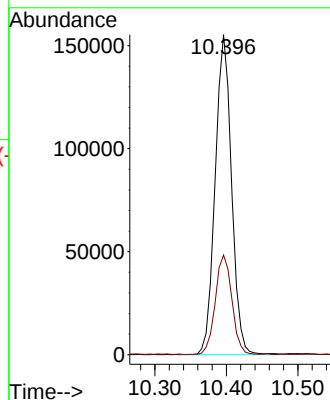
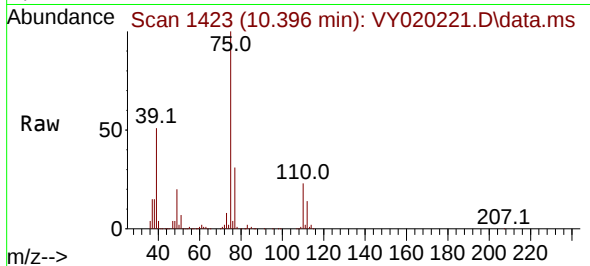




#53
 t-1,3-Dichloropropene
 Concen: 55.892 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020221.D
 Acq: 08 Nov 2024 09:33

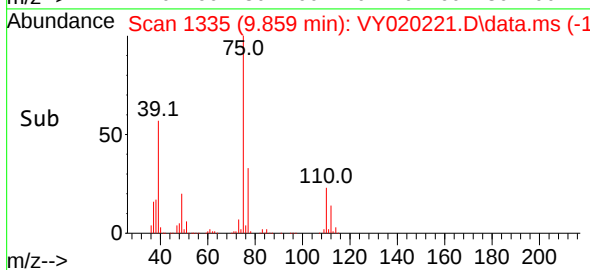
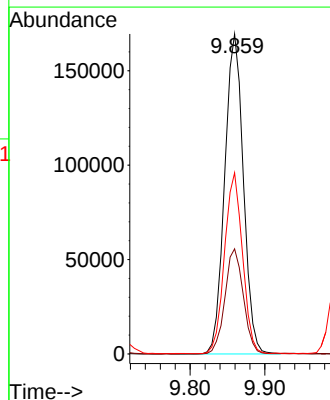
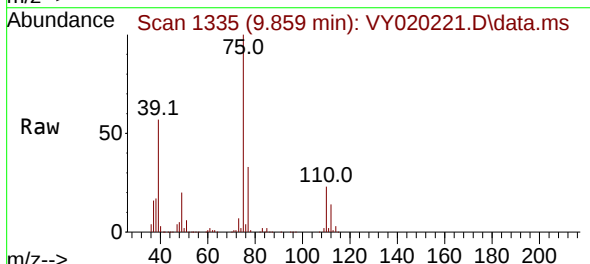
Instrument :
 MSVOA_Y
 ClientSampleId :

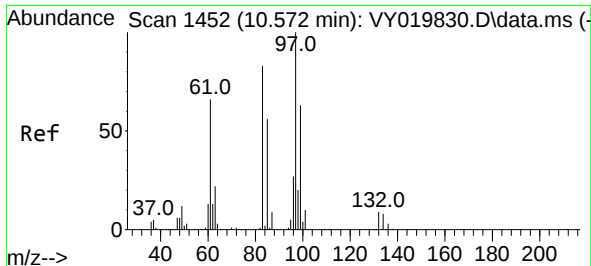
Tgt Ion: 75 Resp: 247078
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 55.800 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020221.D
 Acq: 08 Nov 2024 09:33

Tgt Ion: 75 Resp: 294424
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 56.5 29.8 44.6#

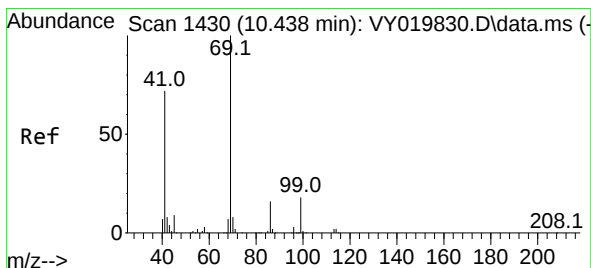
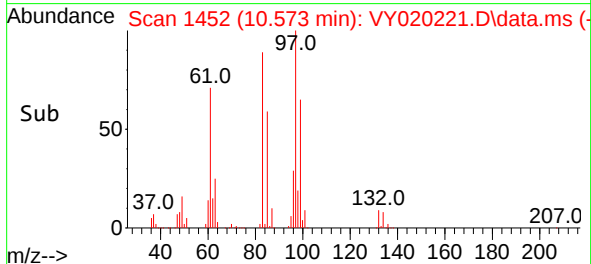
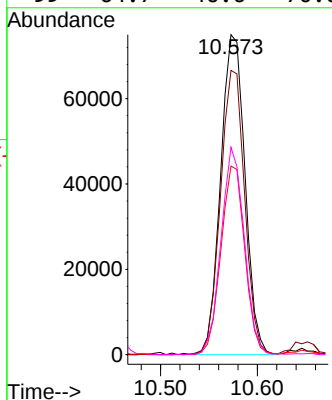
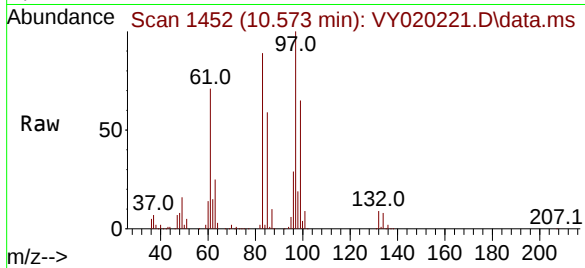




#55
1,1,2-Trichloroethane
Concen: 55.280 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

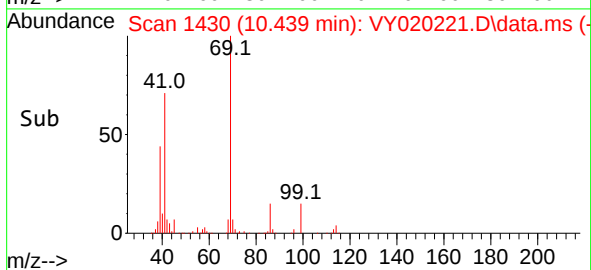
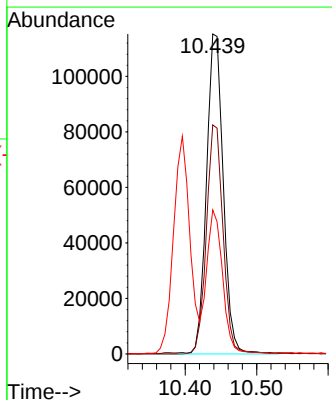
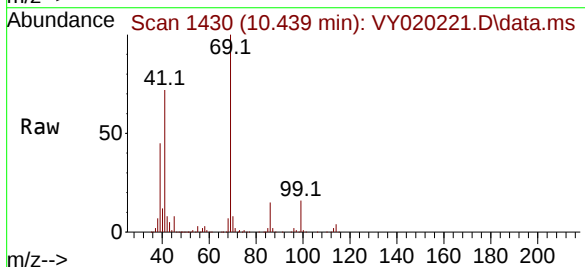
Instrument :
MSVOA_Y
ClientSampleId :

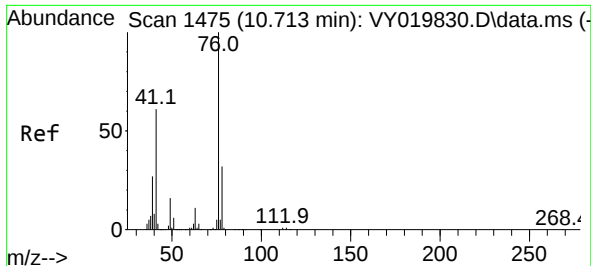
Tgt Ion:	97	Resp:	131342
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.5	101.3
85	58.9	42.9	64.3
99	64.7	46.6	70.0



#56
Ethyl methacrylate
Concen: 55.055 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion:	69	Resp:	187637
Ion	Ratio	Lower	Upper
69	100		
41	70.1	42.3	63.5#
39	42.3	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 53.782 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

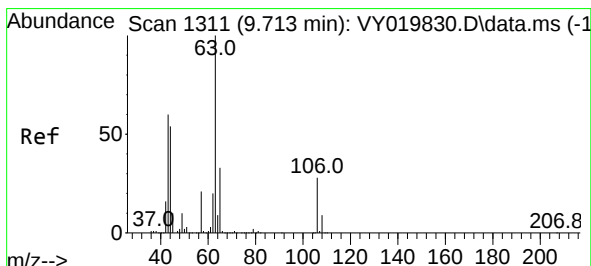
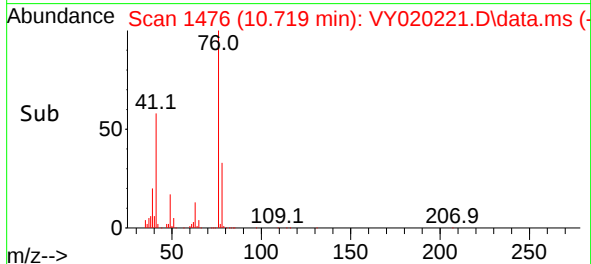
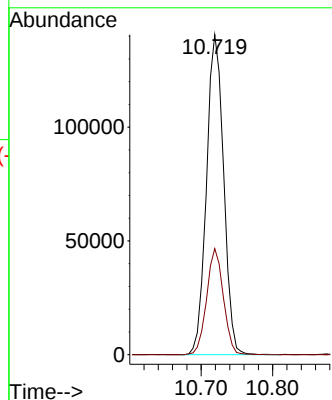
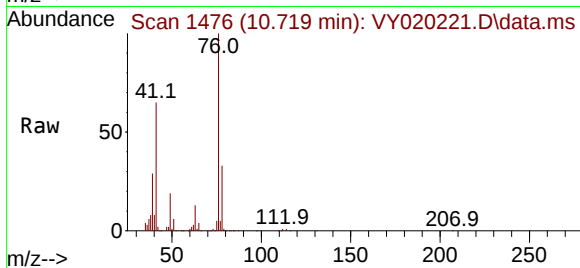
ClientSampleId :

Tgt Ion: 76 Resp: 234009

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.258 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020221.D

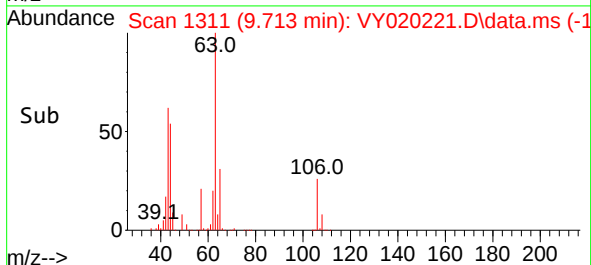
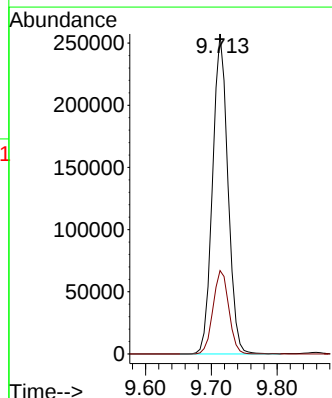
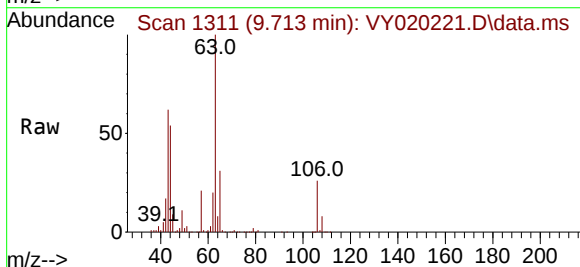
Acq: 08 Nov 2024 09:33

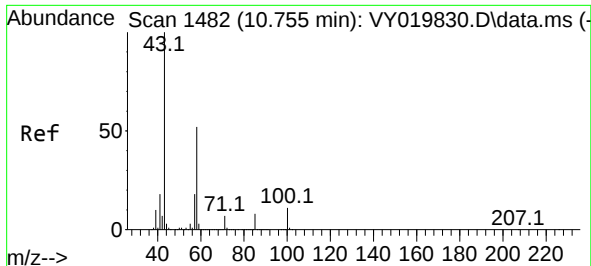
Tgt Ion: 63 Resp: 417275

Ion Ratio Lower Upper

63 100

106 26.8 23.7 35.5

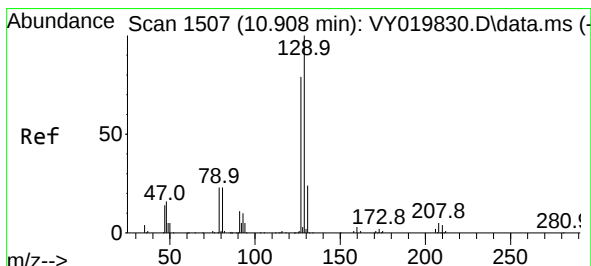
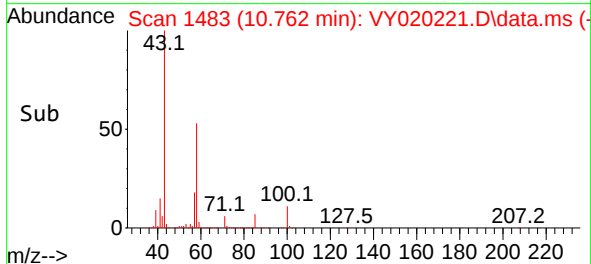
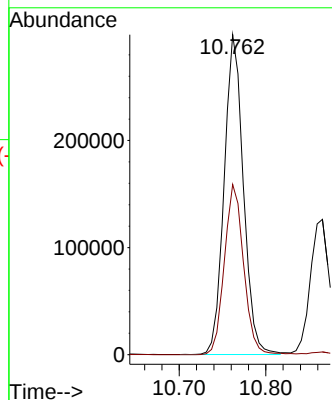
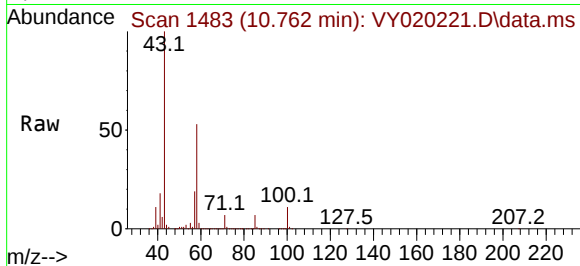




#59
2-Hexanone
Concen: 269.027 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

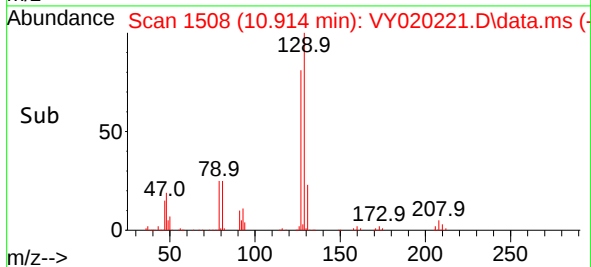
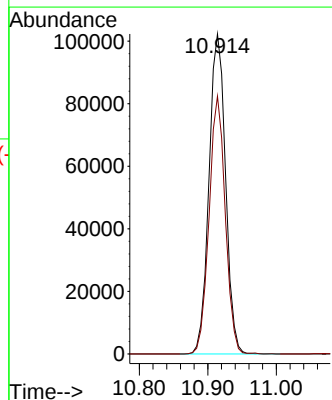
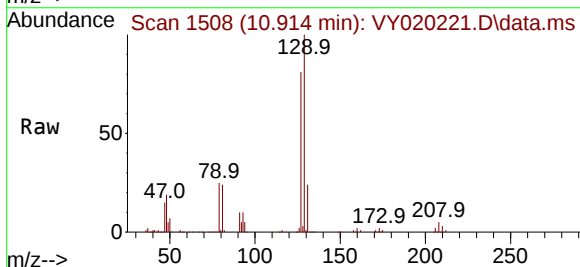
Instrument :
MSVOA_Y
ClientSampleId :

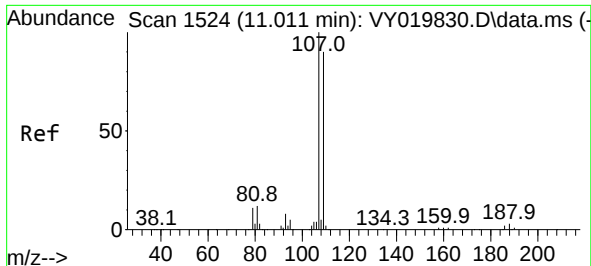
Tgt Ion: 43 Resp: 460134
Ion Ratio Lower Upper
43 100
58 53.5 31.4 94.0



#60
Dibromochloromethane
Concen: 56.776 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 129 Resp: 171955
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0

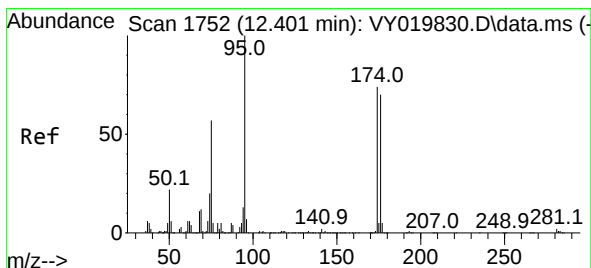
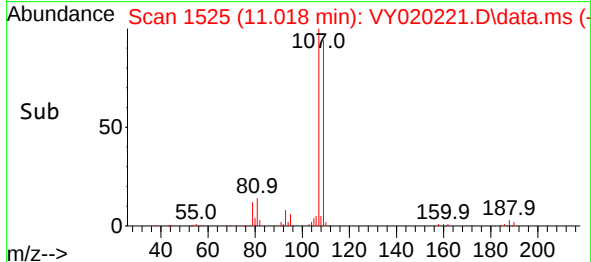
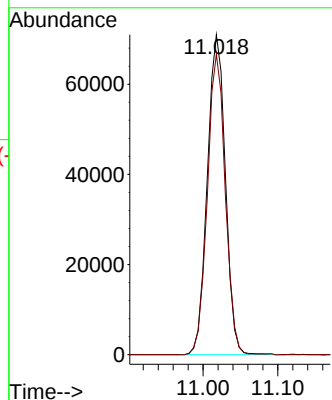
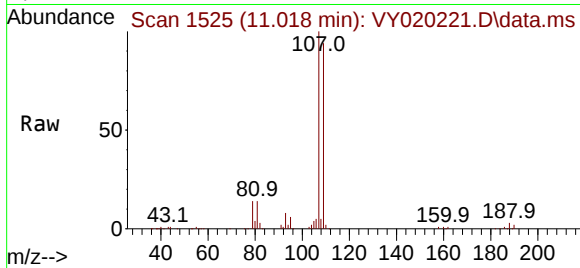




#61
1,2-Dibromoethane
Concen: 53.890 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

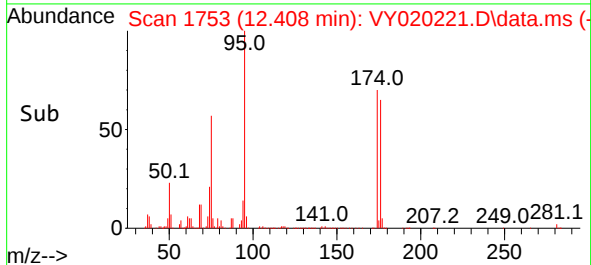
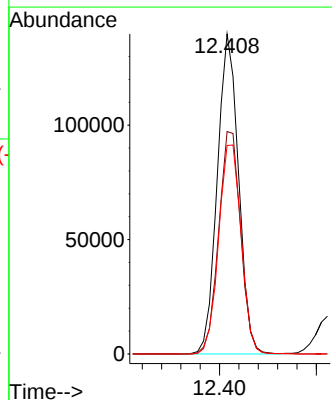
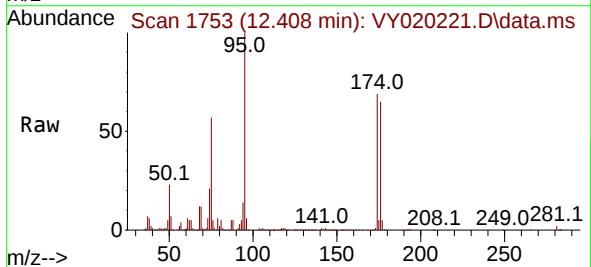
Instrument :
MSVOA_Y
ClientSampleId :

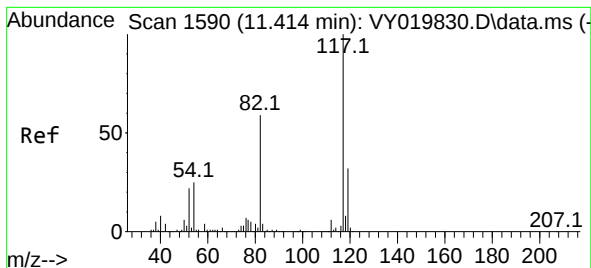
Tgt Ion:107 Resp: 118958
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.375 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 95 Resp: 212924
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 69.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

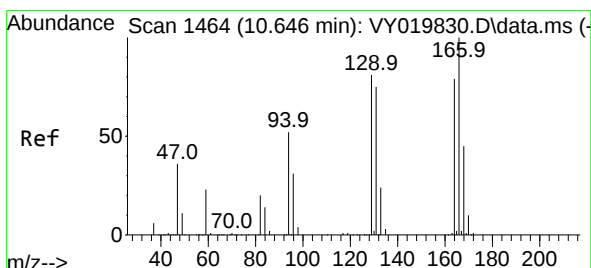
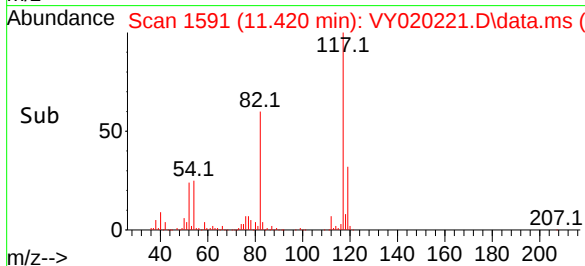
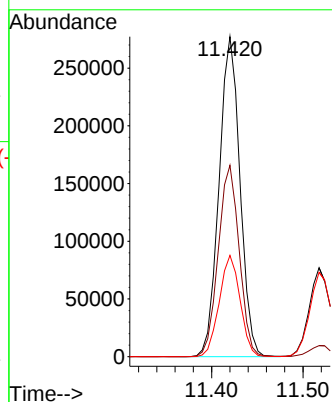
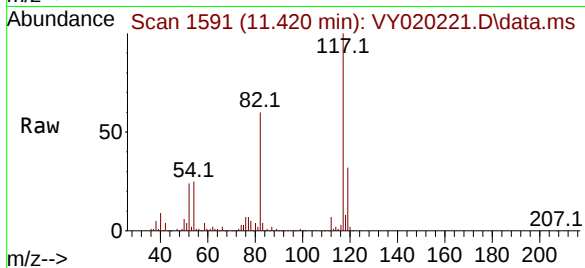
Tgt Ion:117 Resp: 441792

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 58.499 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Tgt Ion:164 Resp: 170641

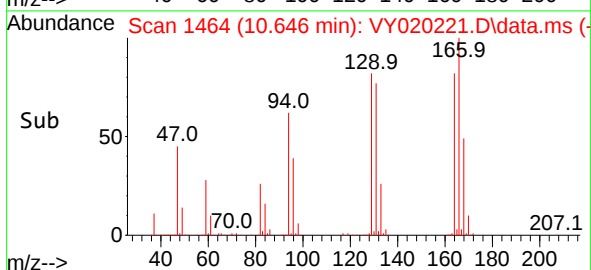
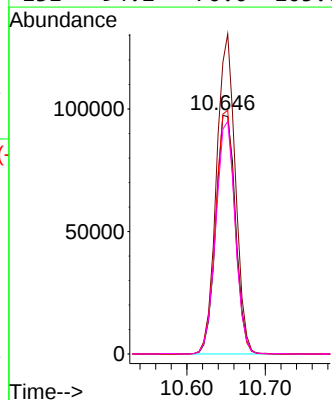
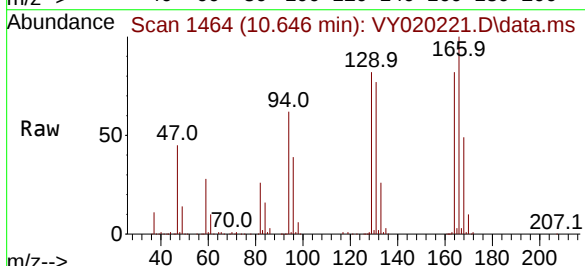
Ion Ratio Lower Upper

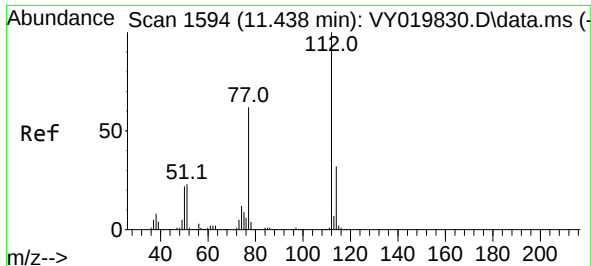
164 100

166 122.3 102.6 154.0

129 100.5 72.0 108.0

131 94.2 70.0 105.0

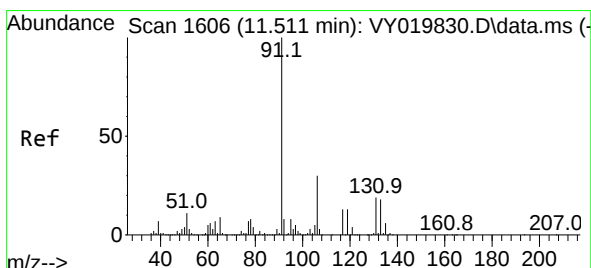
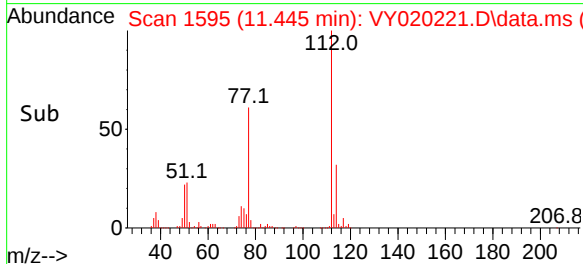
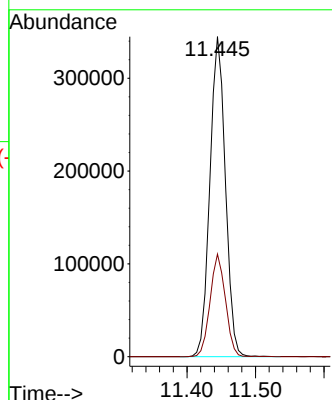
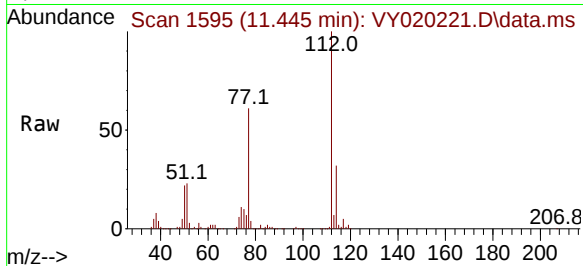




#65
Chlorobenzene
Concen: 57.601 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

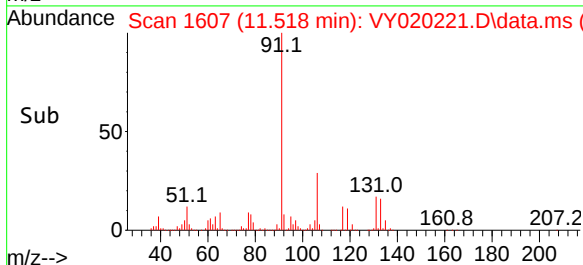
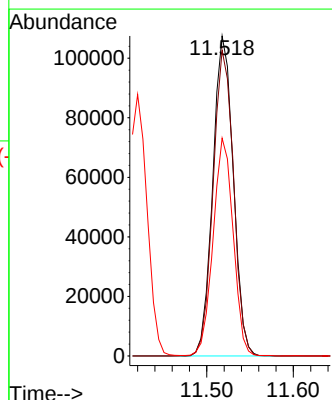
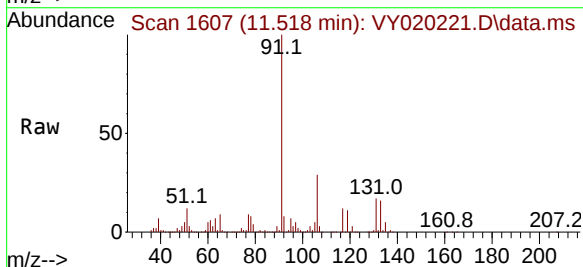
Instrument :
MSVOA_Y
ClientSampleId :

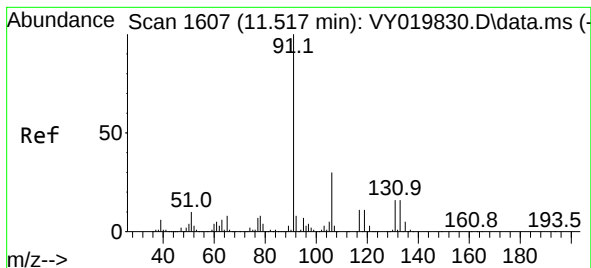
Tgt Ion:112 Resp: 542227
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.723 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion:131 Resp: 176613
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.8 34.1 102.2





#67

Ethyl Benzene

Concen: 58.995 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

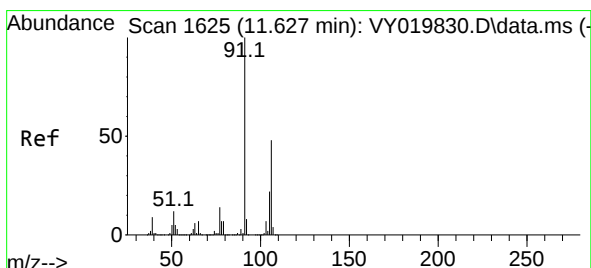
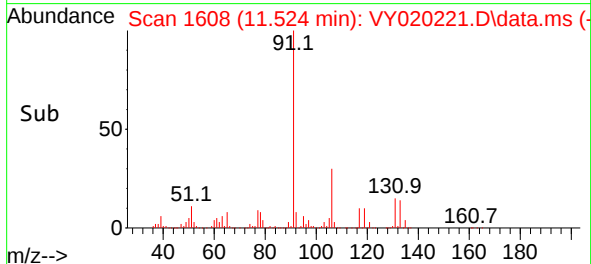
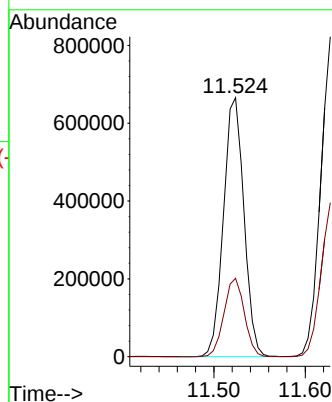
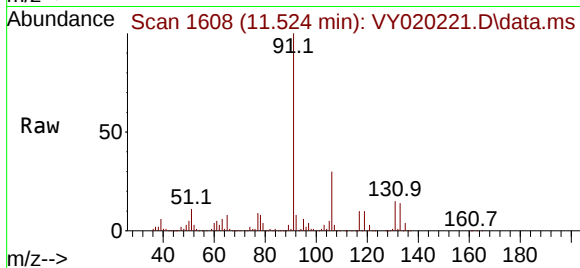
ClientSampleId :

Tgt Ion: 91 Resp: 1038130

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 117.904 ug/l

RT: 11.634 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020221.D

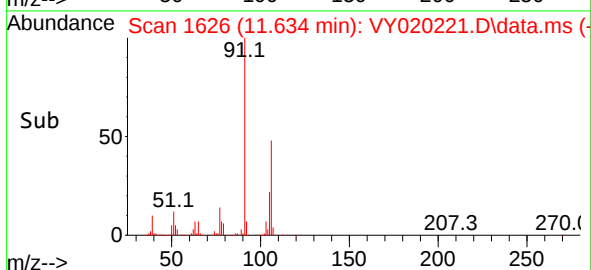
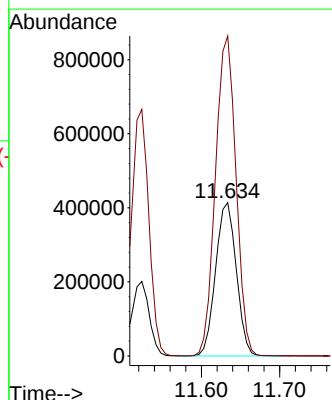
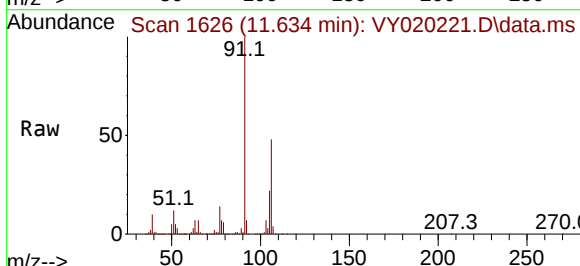
Acq: 08 Nov 2024 09:33

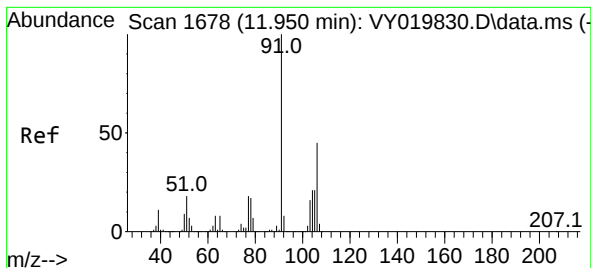
Tgt Ion:106 Resp: 759082

Ion Ratio Lower Upper

106 100

91 207.7 156.0 234.0





#69

o-Xylene

Concen: 58.555 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

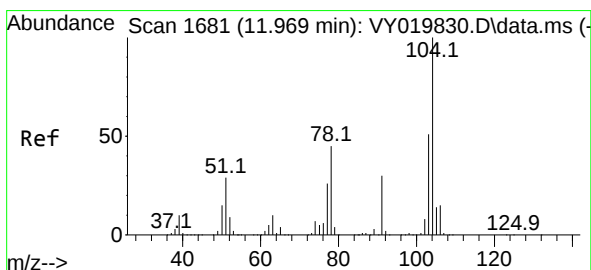
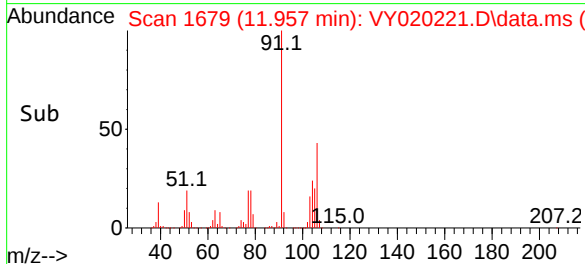
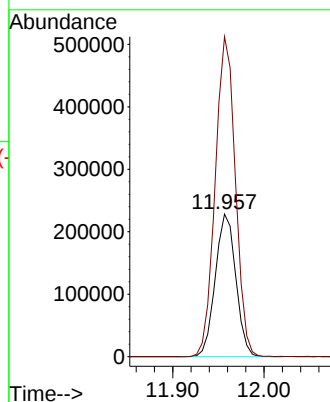
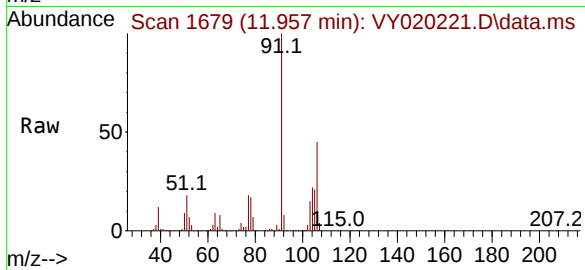
ClientSampleId :

Tgt Ion:106 Resp: 356915

Ion Ratio Lower Upper

106 100

91 220.7 103.6 310.8



#70

Styrene

Concen: 60.078 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

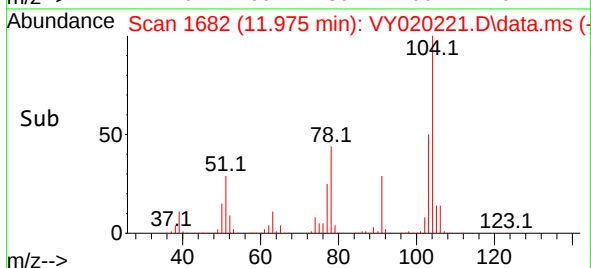
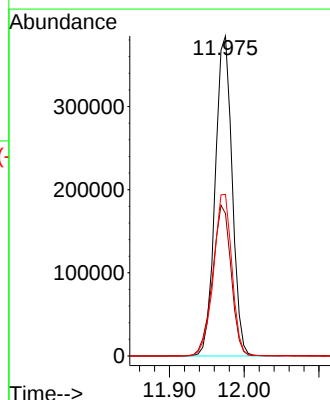
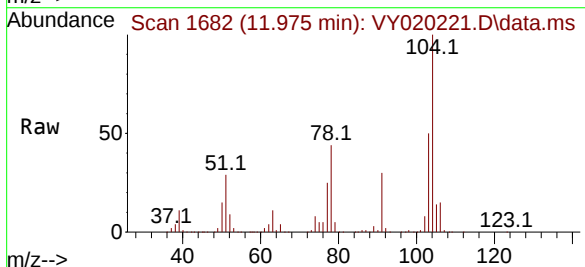
Tgt Ion:104 Resp: 605480

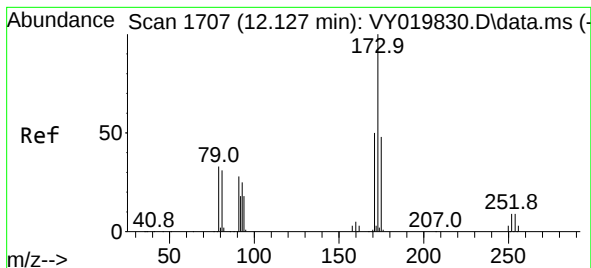
Ion Ratio Lower Upper

104 100

78 51.8 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 57.627 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

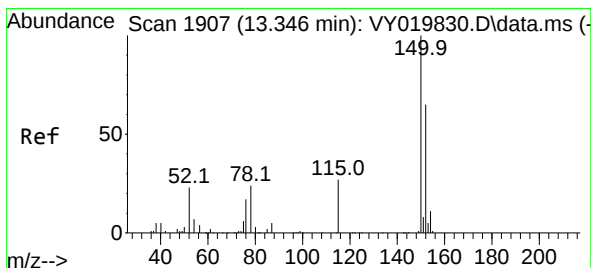
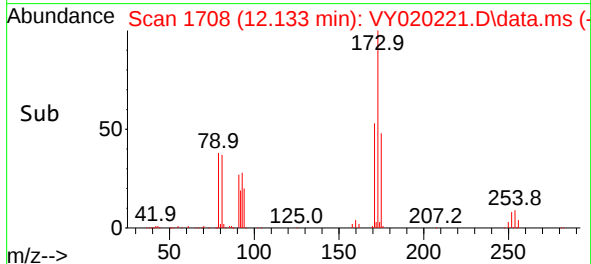
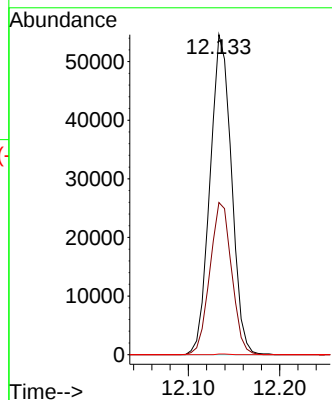
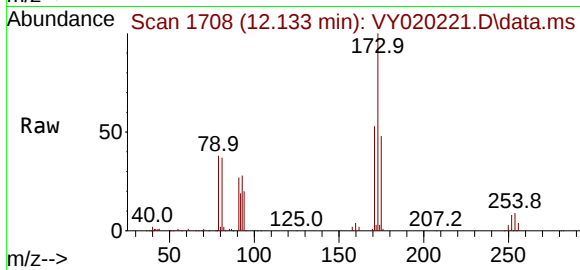
Tgt Ion:173 Resp: 88914

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

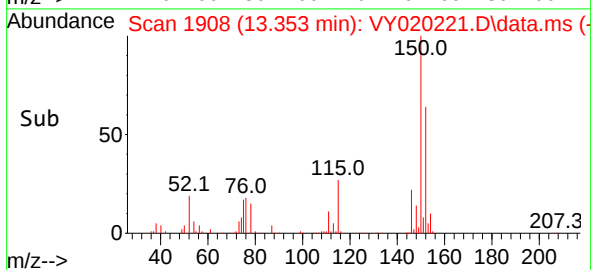
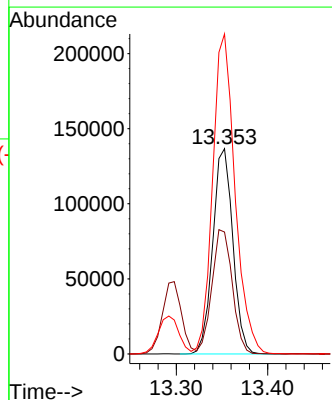
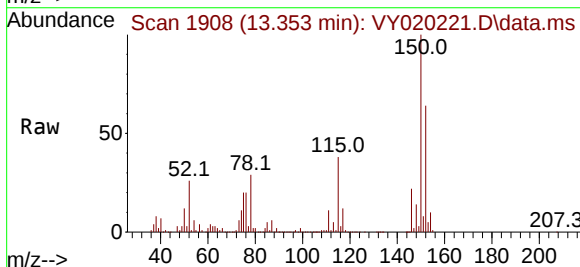
Tgt Ion:152 Resp: 208354

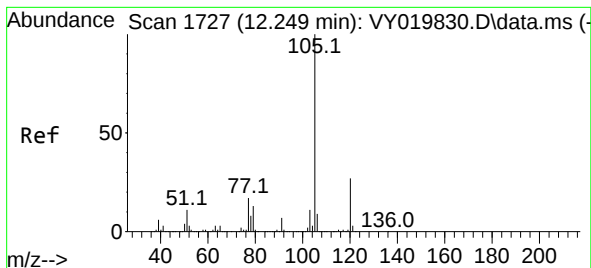
Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 173.3 0.0 345.6





#73

Isopropylbenzene

Concen: 59.097 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

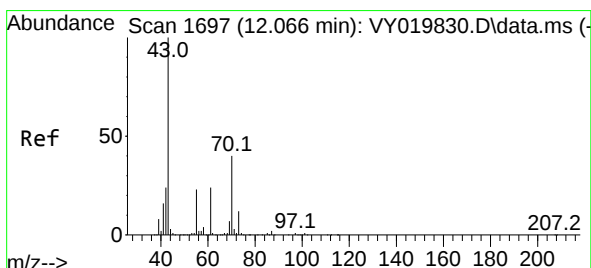
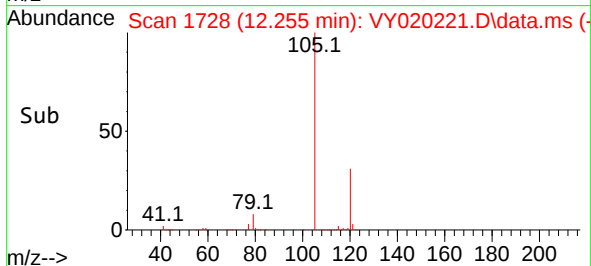
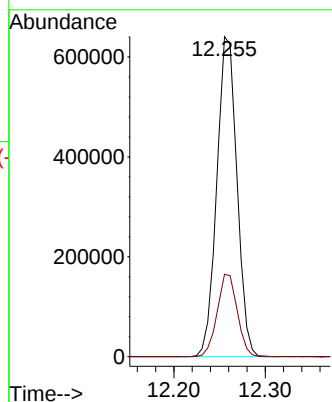
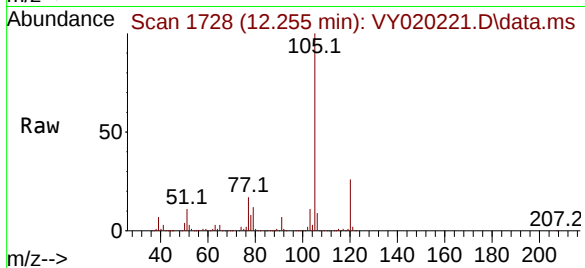
ClientSampleId :

Tgt Ion:105 Resp: 983635

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



#74

N-ethyl acetate

Concen: 53.393 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Tgt Ion: 43 Resp: 222149

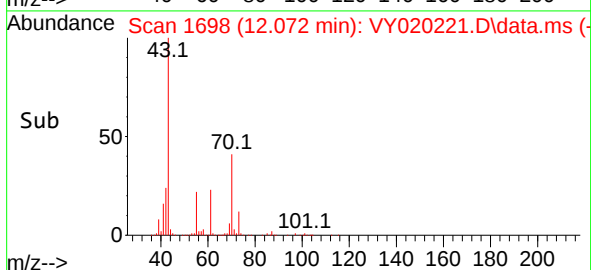
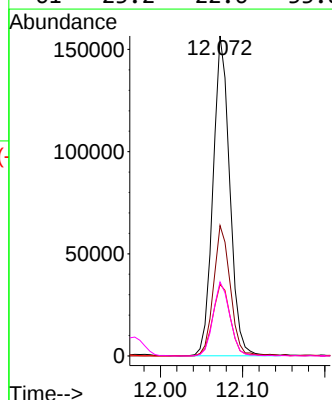
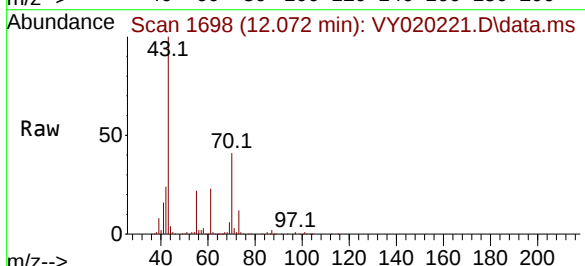
Ion Ratio Lower Upper

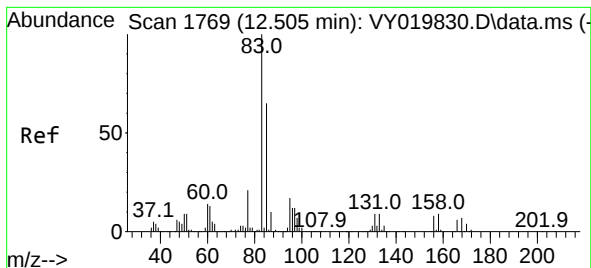
43 100

70 40.6 41.4 62.2#

55 23.8 23.3 34.9

61 23.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.937 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.001 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

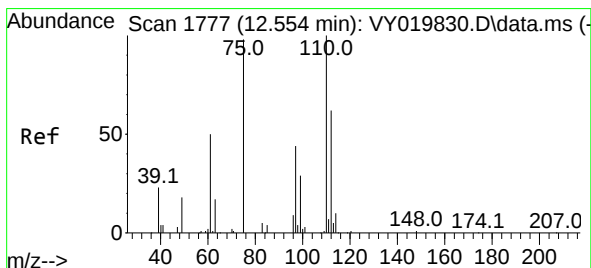
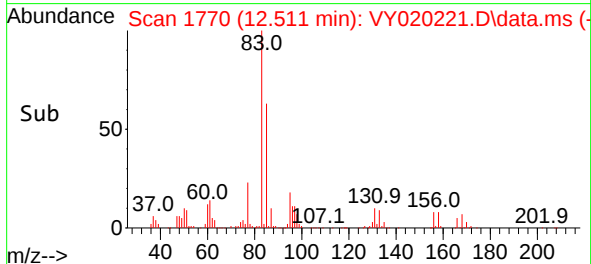
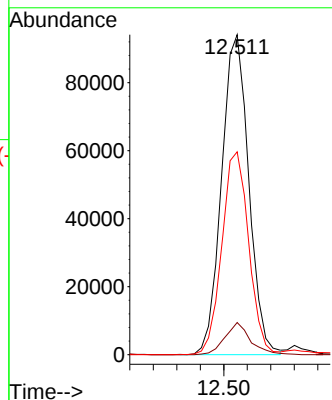
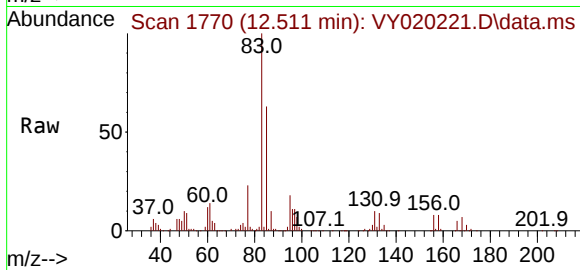
Tgt Ion: 83 Resp: 151184

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 62.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 101.016 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020221.D

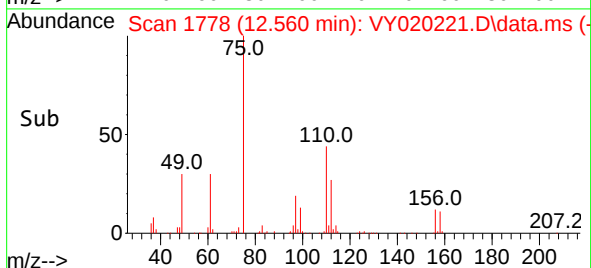
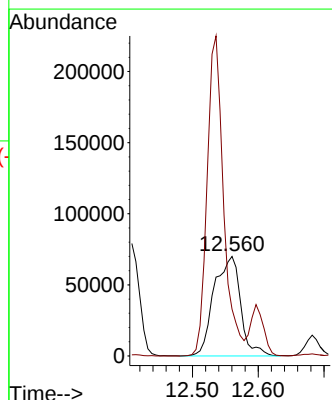
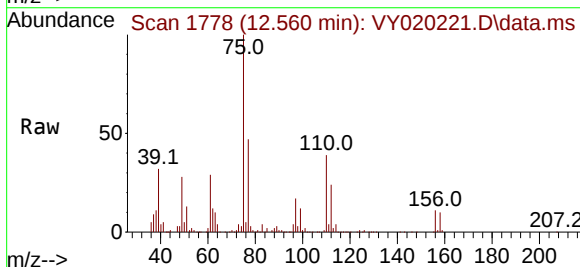
Acq: 08 Nov 2024 09:33

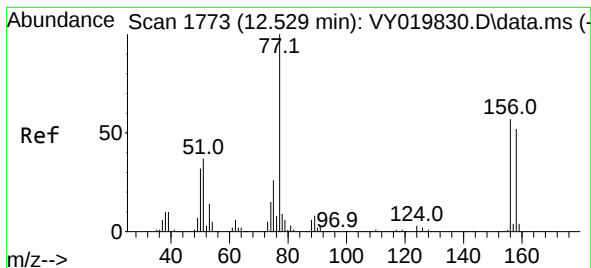
Tgt Ion: 75 Resp: 197295

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.159 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

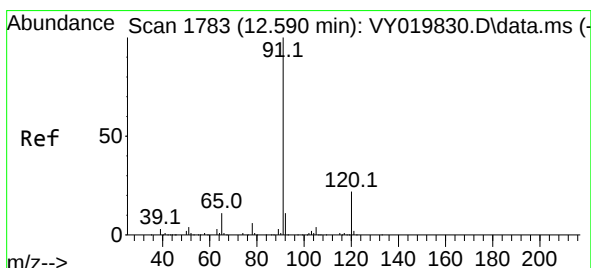
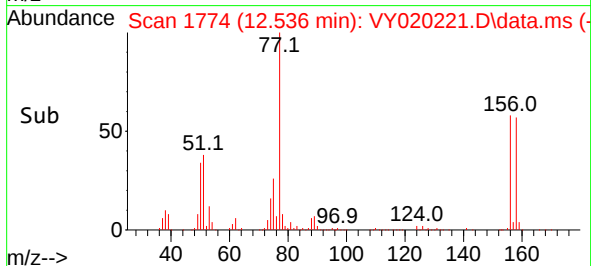
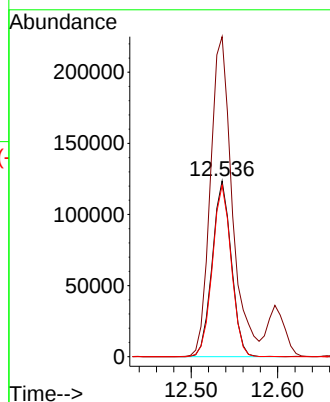
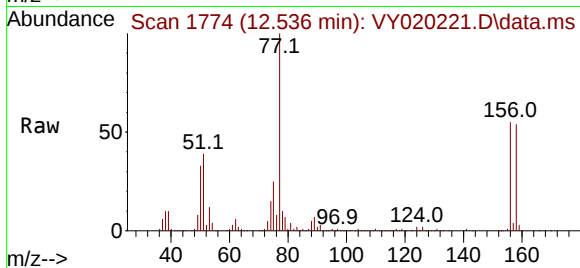
Tgt Ion:156 Resp: 189041

Ion Ratio Lower Upper

156 100

77 208.2 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 58.837 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.001 min

Lab File: VY020221.D

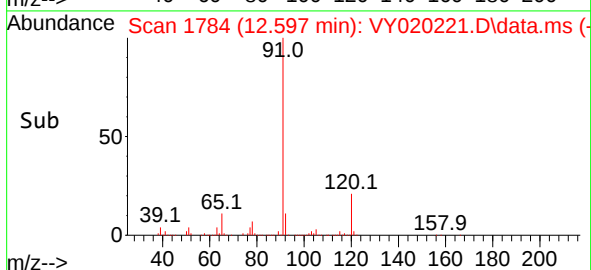
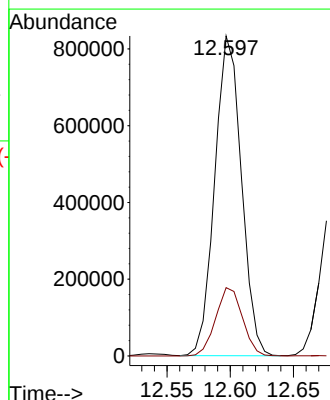
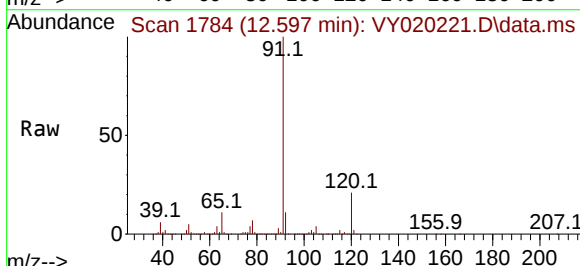
Acq: 08 Nov 2024 09:33

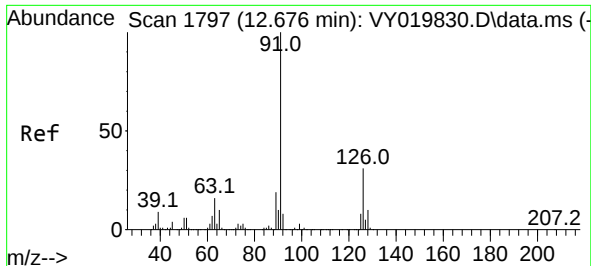
Tgt Ion: 91 Resp: 1218810

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

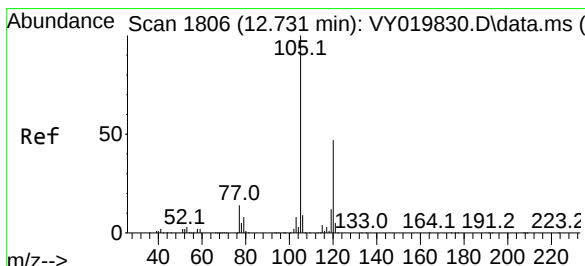
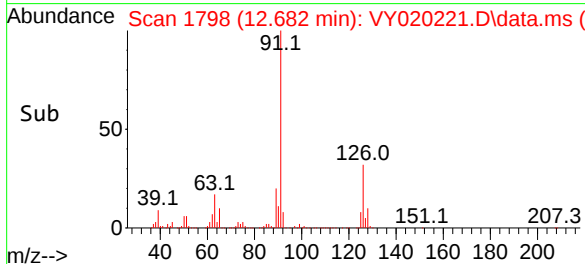
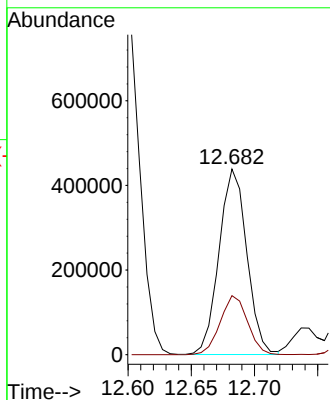
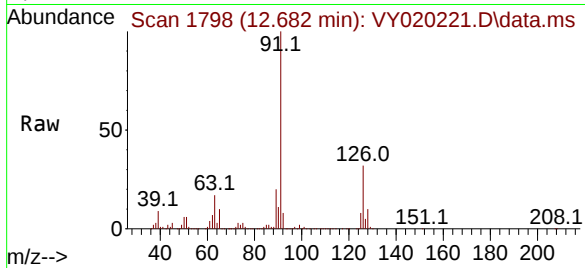




#79
2-Chlorotoluene
Concen: 58.284 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

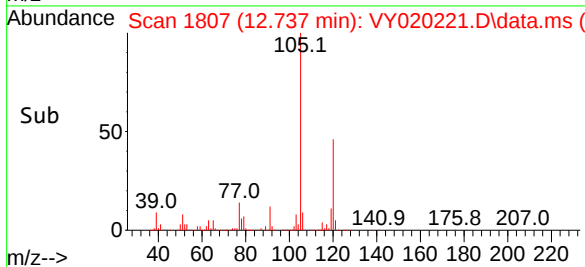
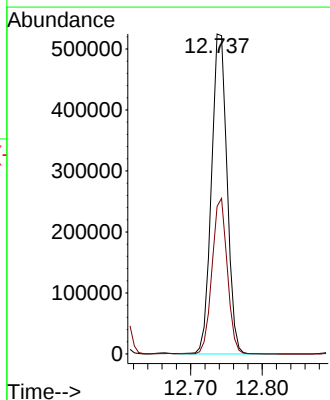
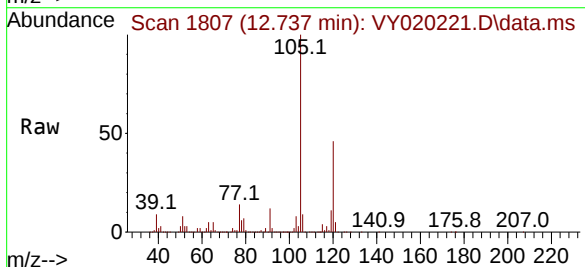
Instrument :
MSVOA_Y
ClientSampleId :

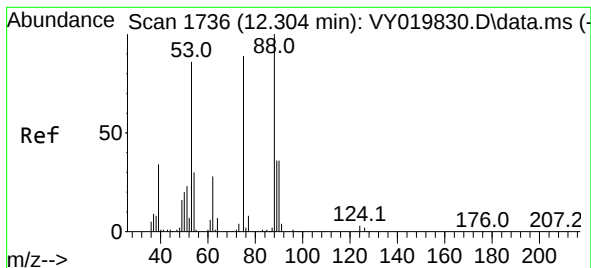
Tgt Ion: 91 Resp: 670186
Ion Ratio Lower Upper
91 100
126 31.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 59.417 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.001 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 105 Resp: 793961
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

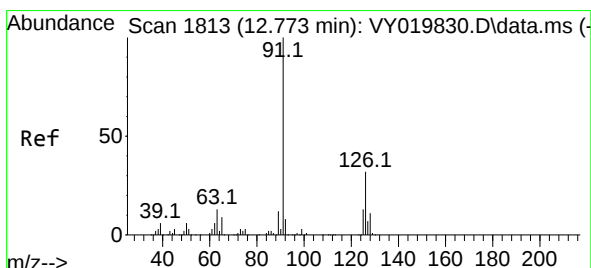
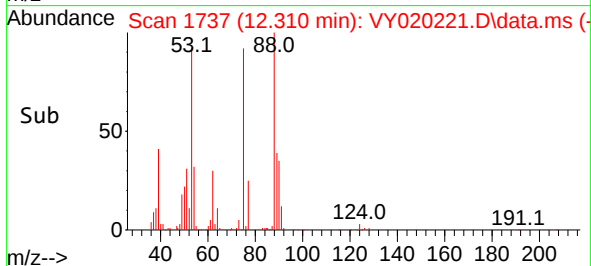
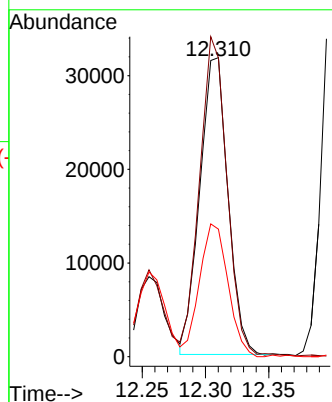
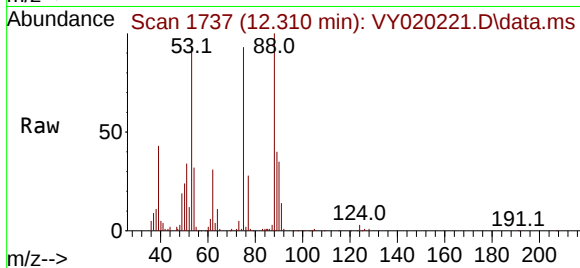




#81
trans-1,4-Dichloro-2-butene
Concen: 54.204 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

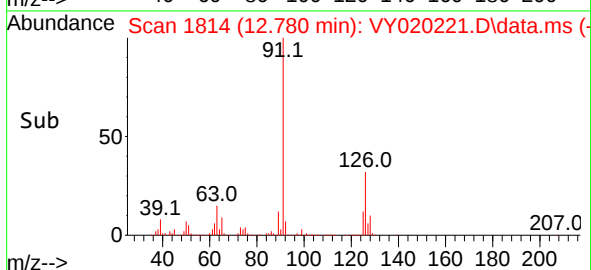
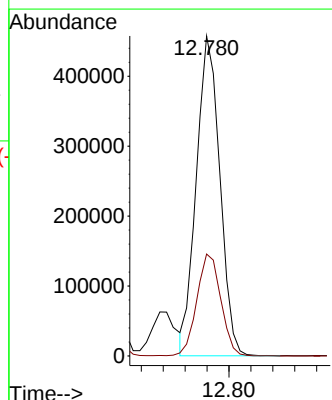
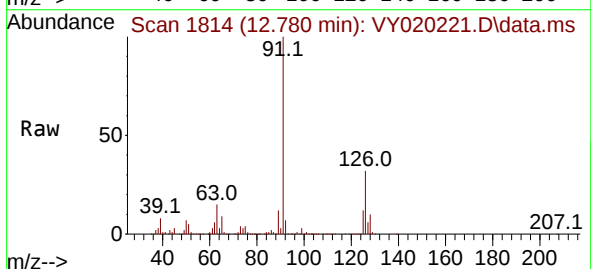
Instrument :
MSVOA_Y
ClientSampleId :

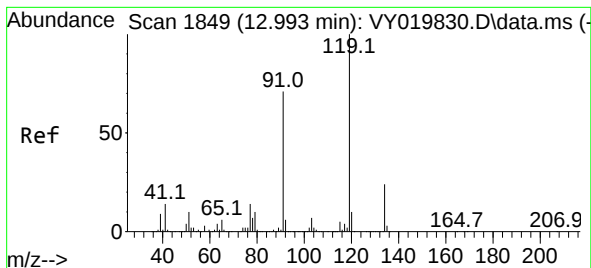
Tgt Ion: 75 Resp: 49218
Ion Ratio Lower Upper
75 100
53 104.7 66.8 100.2#
89 45.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 58.168 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 91 Resp: 681965
Ion Ratio Lower Upper
91 100
126 32.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 59.751 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.001 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

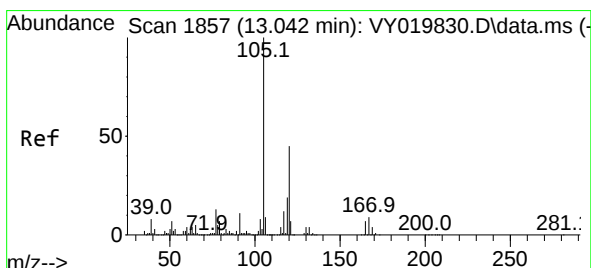
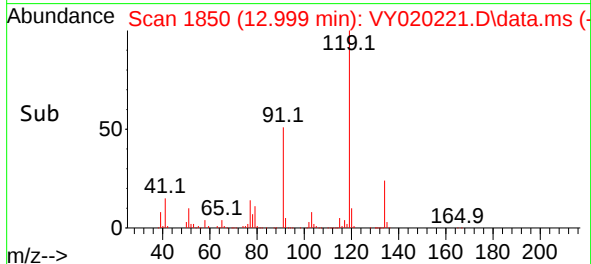
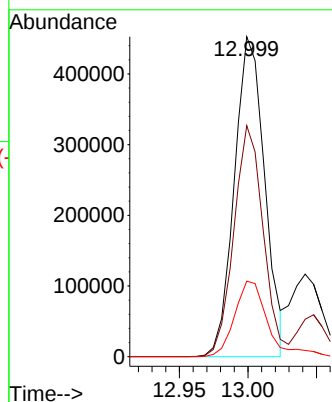
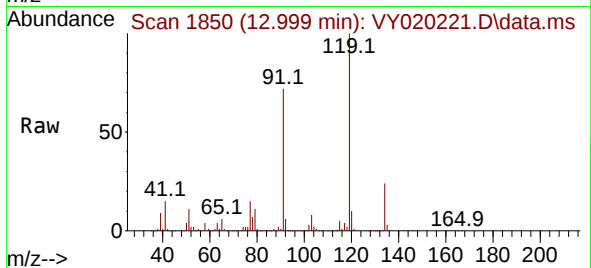
Tgt Ion:119 Resp: 698165

Ion Ratio Lower Upper

119 100

91 69.9 31.3 93.8

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 59.560 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020221.D

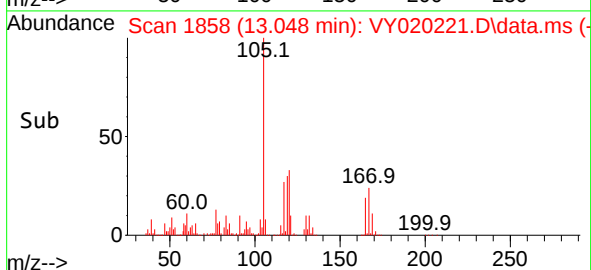
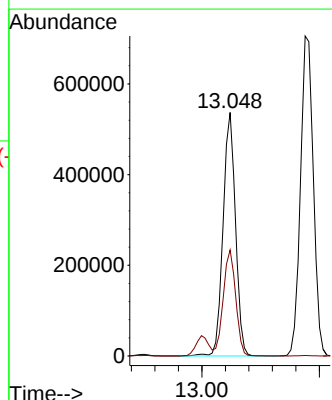
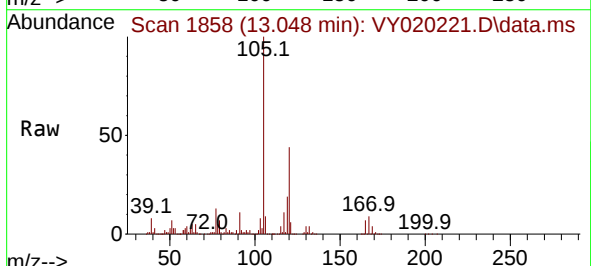
Acq: 08 Nov 2024 09:33

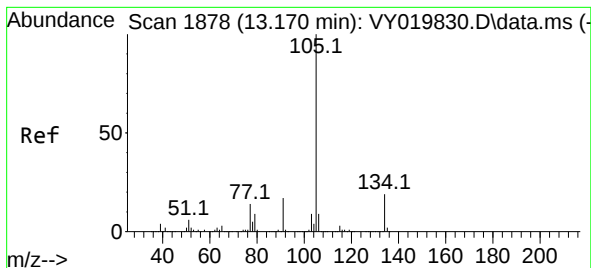
Tgt Ion:105 Resp: 788302

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 59.513 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

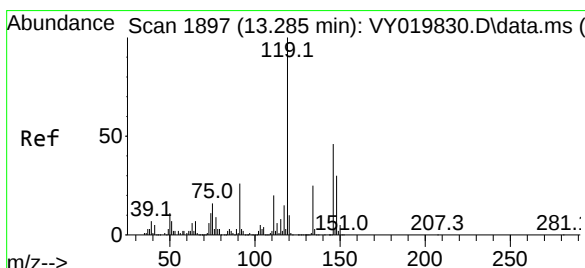
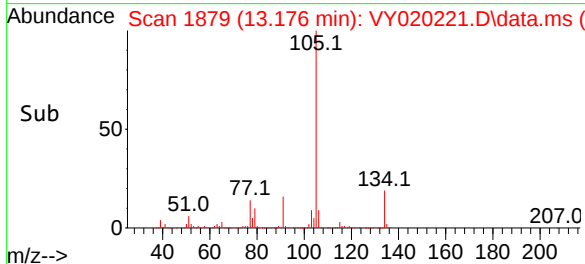
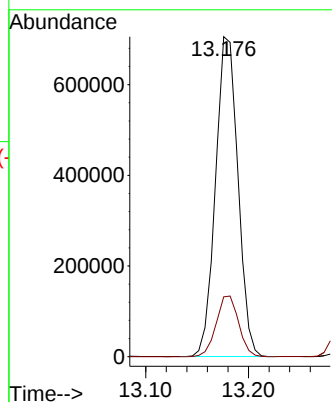
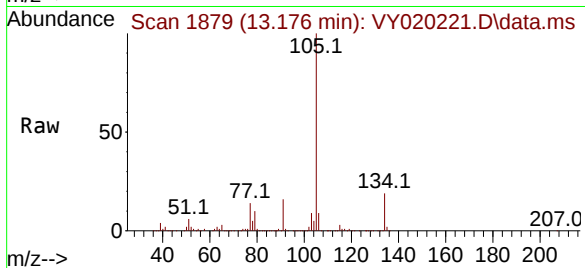
ClientSampleId :

Tgt Ion:105 Resp: 1067550

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 59.949 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

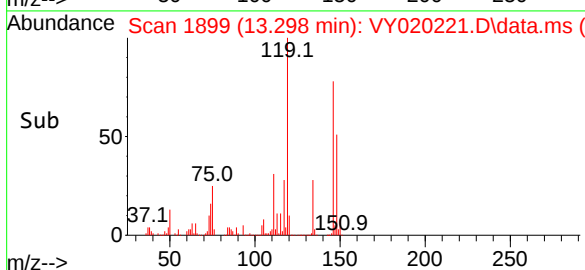
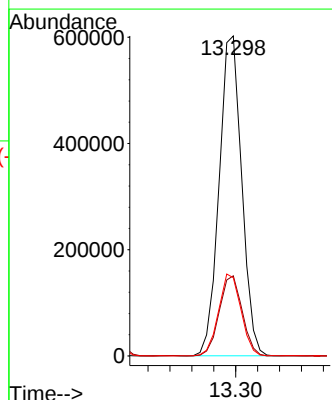
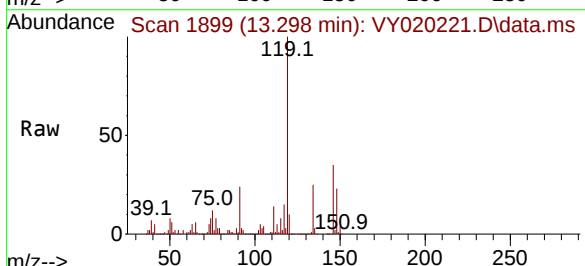
Tgt Ion:119 Resp: 862934

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 57.177 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

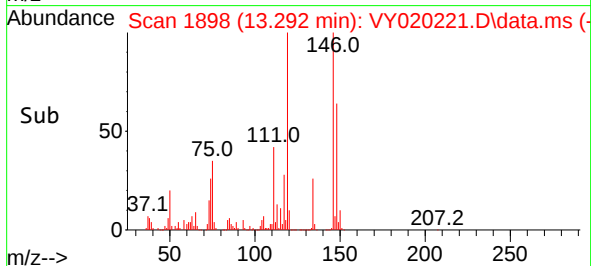
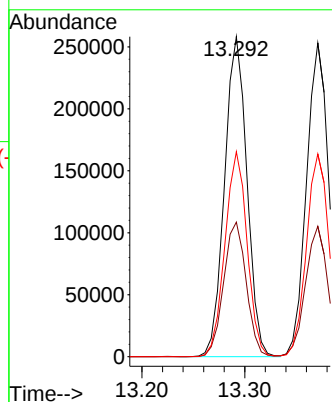
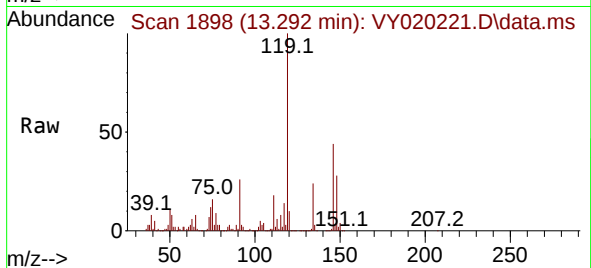
Tgt Ion:146 Resp: 390996

Ion Ratio Lower Upper

146 100

111 42.4 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 55.996 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.001 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

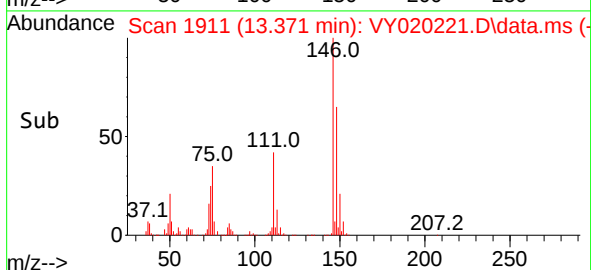
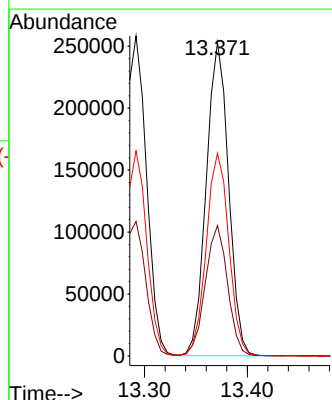
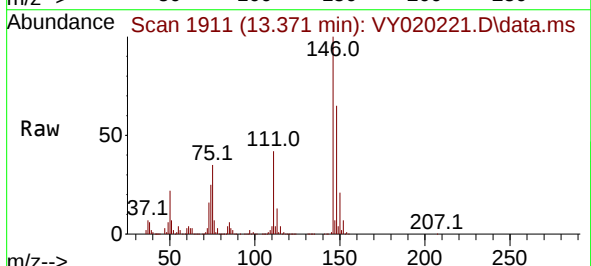
Tgt Ion:146 Resp: 381333

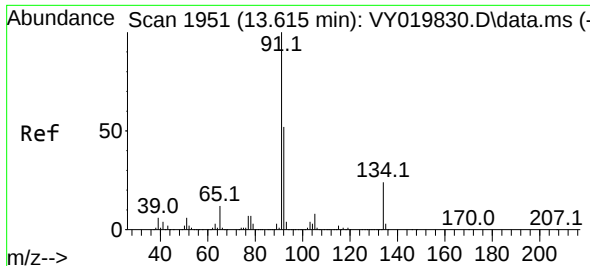
Ion Ratio Lower Upper

146 100

111 41.8 18.4 55.4

148 65.7 32.4 97.2

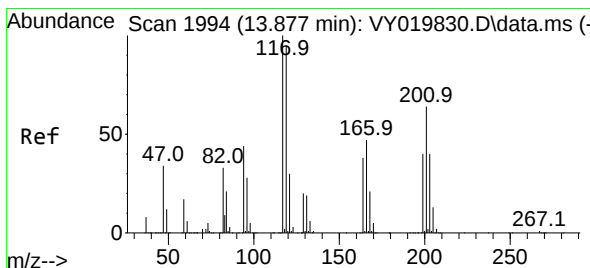
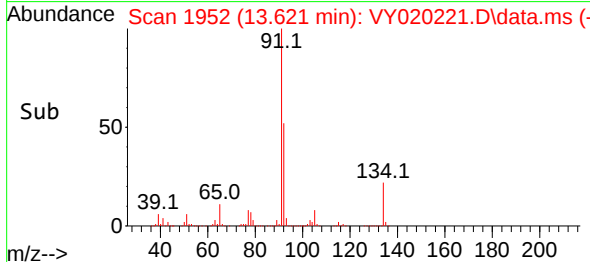
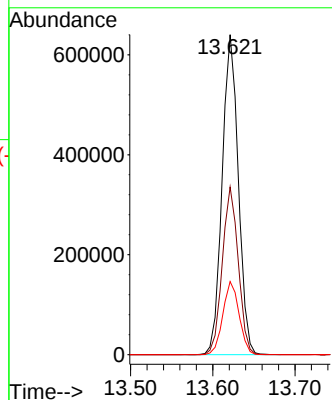
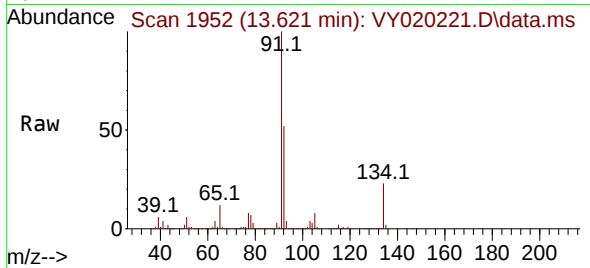




#89
n-Butylbenzene
Concen: 60.589 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

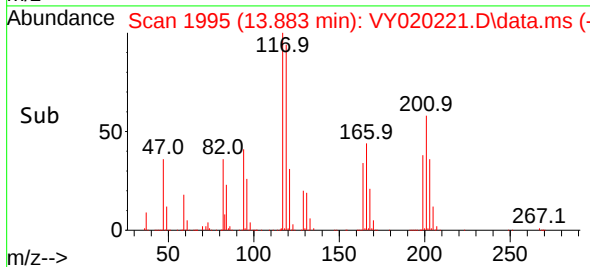
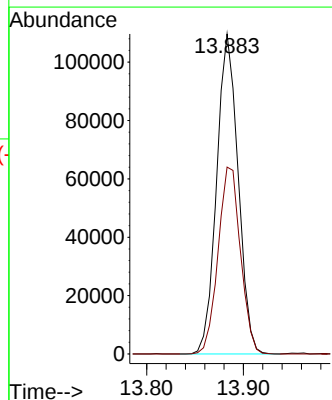
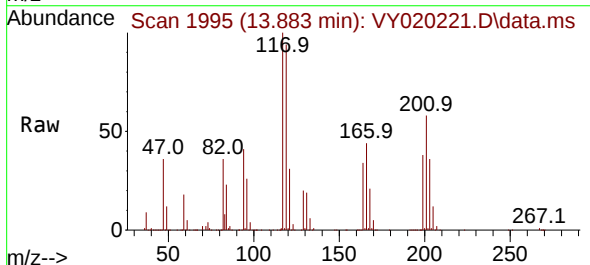
Instrument :
MSVOA_Y
ClientSampleId :

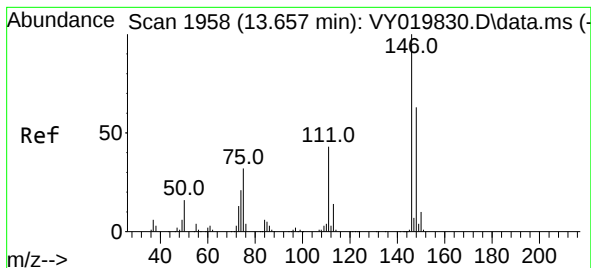
Tgt Ion: 91 Resp: 874275
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 23.0 12.9 38.7



#90
Hexachloroethane
Concen: 59.325 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020221.D
Acq: 08 Nov 2024 09:33

Tgt Ion: 117 Resp: 168884
Ion Ratio Lower Upper
117 100
201 60.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 57.316 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

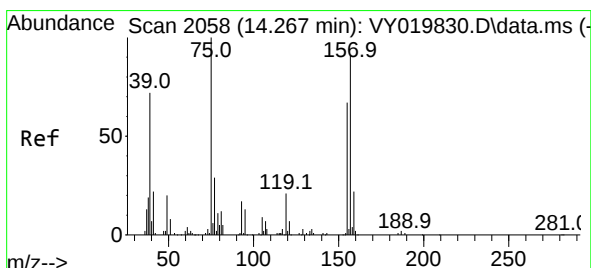
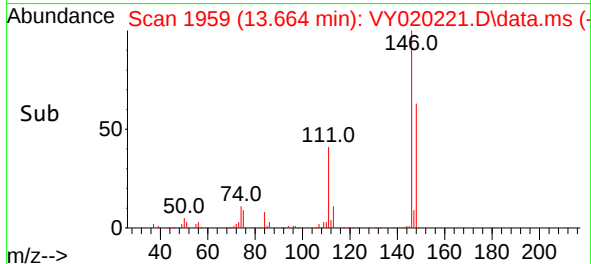
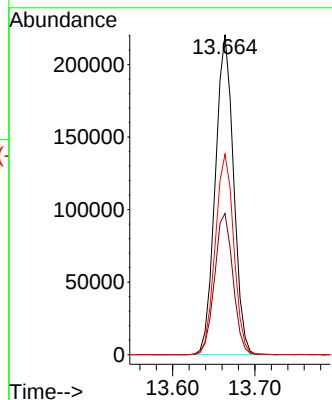
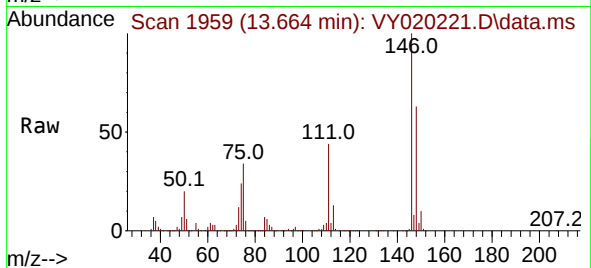
Tgt Ion:146 Resp: 340686

Ion Ratio Lower Upper

146 100

111 44.3 19.9 59.7

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.648 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

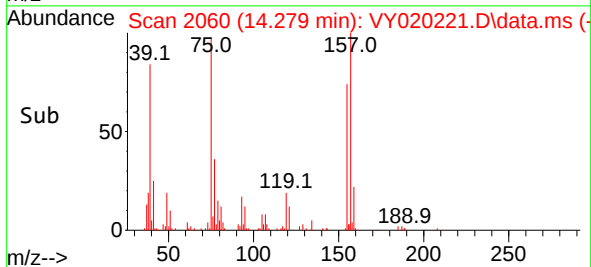
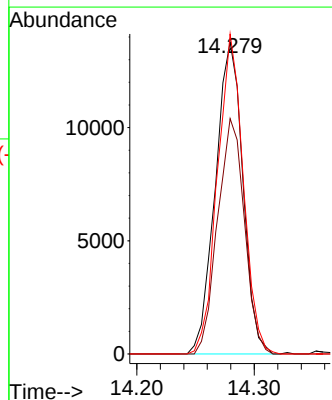
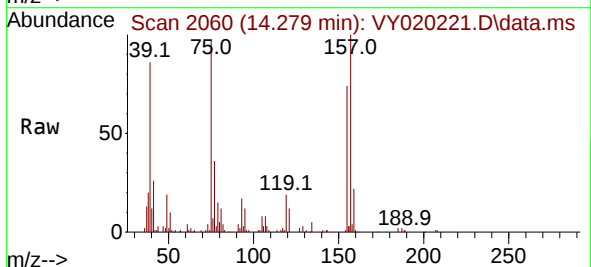
Tgt Ion: 75 Resp: 22359

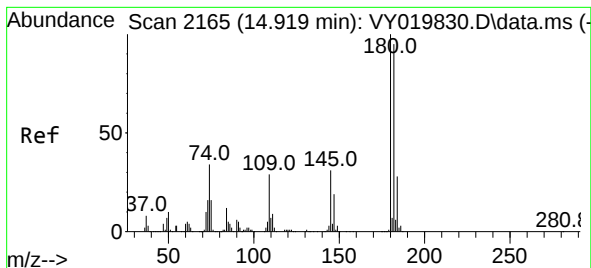
Ion Ratio Lower Upper

75 100

155 73.6 48.6 145.8

157 96.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 56.924 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

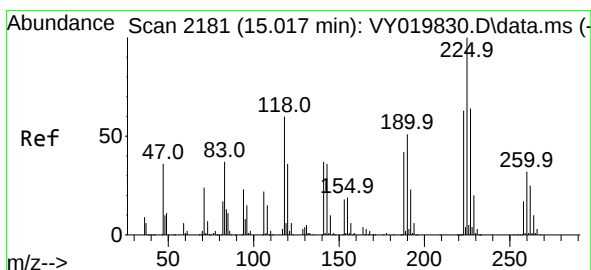
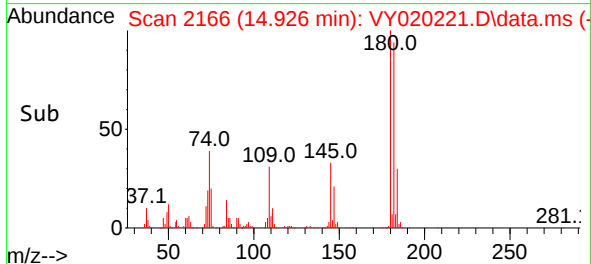
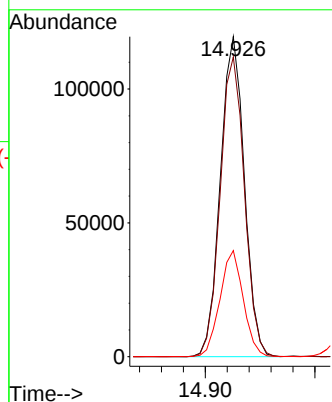
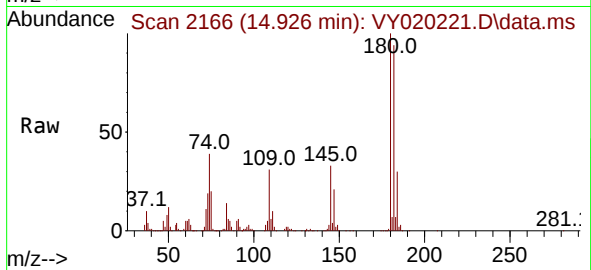
Tgt Ion:180 Resp: 181764

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 59.654 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

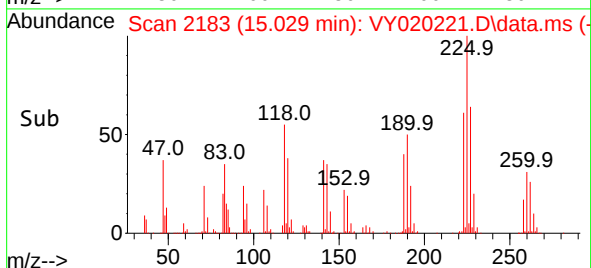
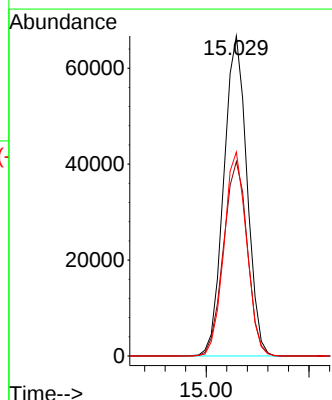
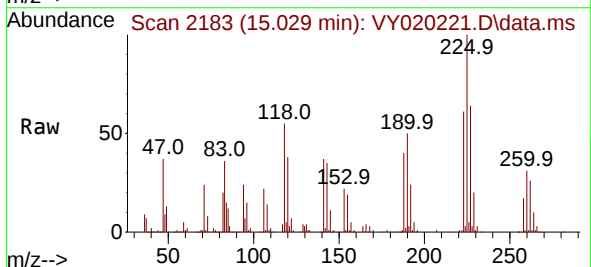
Tgt Ion:225 Resp: 104158

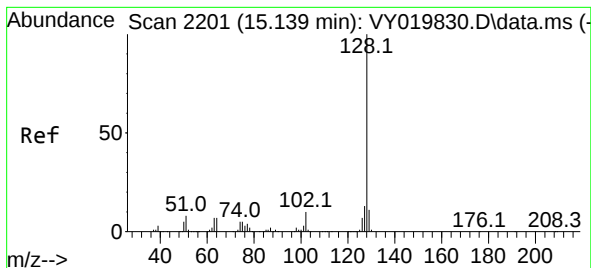
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 62.4 31.9 95.9





#95

Naphthalene

Concen: 56.191 ug/l

RT: 15.151 min Scan# 2201

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Instrument :

MSVOA_Y

ClientSampleId :

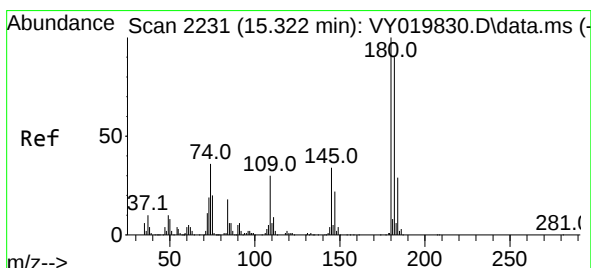
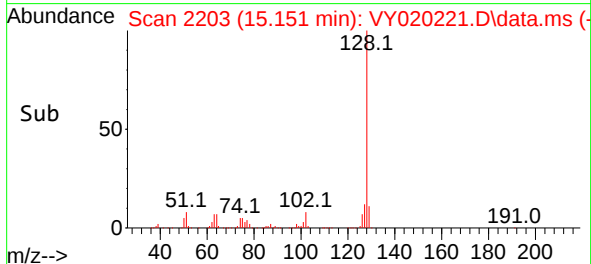
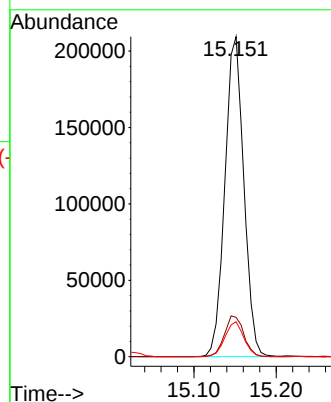
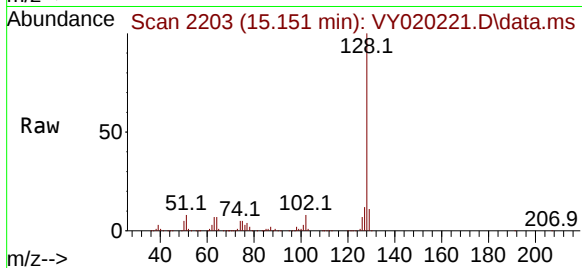
Tgt Ion:128 Resp: 335392

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.027 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.007 min

Lab File: VY020221.D

Acq: 08 Nov 2024 09:33

Tgt Ion:180 Resp: 149150

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 34.3 15.4 46.1

