

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020560.D
 Acq On : 10 Dec 2024 10:42
 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: Dec 11 00:44:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	176773	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	282168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241362	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	116370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100694	56.009	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.020%	
35) Dibromofluoromethane	7.628	113	99024	55.745	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.480%	
50) Toluene-d8	10.103	98	363152	53.688	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.408	95	129829	54.879	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 109.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79689	46.215	ug/l	100
3) Chloromethane	2.068	50	83436	47.791	ug/l	96
4) Vinyl Chloride	2.202	62	87397	49.098	ug/l	99
5) Bromomethane	2.592	94	53474	51.199	ug/l	96
6) Chloroethane	2.733	64	55310	50.696	ug/l	99
7) Trichlorofluoromethane	3.056	101	156175	46.845	ug/l	99
8) Diethyl Ether	3.452	74	50481	53.441	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	92986	47.868	ug/l	97
10) Methyl Iodide	4.001	142	116113	53.246	ug/l	96
11) Tert butyl alcohol	4.860	59	38239	327.887	ug/l	99
12) 1,1-Dichloroethene	3.787	96	91444	49.832	ug/l	93
13) Acrolein	3.653	56	17328	158.696	ug/l	98
14) Allyl chloride	4.385	41	165806	50.661	ug/l	95
15) Acrylonitrile	5.055	53	111612	283.582	ug/l	99
16) Acetone	3.860	43	139791	312.716	ug/l	99
17) Carbon Disulfide	4.104	76	264846	50.427	ug/l	99
18) Methyl Acetate	4.379	43	55478	58.391	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	255054	54.425	ug/l	99
20) Methylene Chloride	4.616	84	100986	53.106	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	102929	50.500	ug/l	94
22) Diisopropyl ether	6.019	45	338927	52.077	ug/l	97
23) Vinyl Acetate	5.958	43	945972	274.804	ug/l	99
24) 1,1-Dichloroethane	5.909	63	198022	50.540	ug/l	99
25) 2-Butanone	6.890	43	167158	296.131	ug/l	93
26) 2,2-Dichloropropane	6.878	77	181314	48.926	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	124821	52.447	ug/l	96
28) Bromochloromethane	7.244	49	77098	52.693	ug/l	92
29) Tetrahydrofuran	7.256	42	91573	284.366	ug/l	96
30) Chloroform	7.421	83	202936	50.466	ug/l	97
31) Cyclohexane	7.701	56	156565	44.200	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	185802	47.985	ug/l	97
36) 1,1-Dichloropropene	7.835	75	139764	46.591	ug/l	99
37) Ethyl Acetate	6.982	43	66978	56.358	ug/l	97
38) Carbon Tetrachloride	7.817	117	166061	46.382	ug/l	99
39) Methylcyclohexane	9.103	83	169779	45.610	ug/l	99
40) Benzene	8.079	78	433672	49.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36802	54.473	ug/l	97
42) 1,2-Dichloroethane	8.158	62	119126	51.259	ug/l	100
43) Isopropyl Acetate	8.195	43	130191	54.250	ug/l	97
44) Trichloroethene	8.866	130	106835	48.999	ug/l	96
45) 1,2-Dichloropropane	9.140	63	102691	49.616	ug/l	96
46) Dibromomethane	9.231	93	54356	53.043	ug/l	96
47) Bromodichloromethane	9.420	83	152073	50.369	ug/l	97
48) Methyl methacrylate	9.219	41	61878	55.294	ug/l	95
49) 1,4-Dioxane	9.225	88	12344	1260.209	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	333283	281.217	ug/l	97
52) Toluene	10.170	92	271497	49.200	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	142302	52.499	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	166397	51.944	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	72140	52.773	ug/l	97
56) Ethyl methacrylate	10.438	69	108830	56.266	ug/l	93
57) 1,3-Dichloropropane	10.713	76	127753	52.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	270230	298.396	ug/l	97
59) 2-Hexanone	10.756	43	243132	284.373	ug/l	94
60) Dibromochloromethane	10.908	129	100871	53.001	ug/l	100
61) 1,2-Dibromoethane	11.012	107	66293	53.031	ug/l	100
64) Tetrachloroethene	10.646	164	92224	45.220	ug/l	95
65) Chlorobenzene	11.438	112	289782	47.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	103955	48.452	ug/l	98
67) Ethyl Benzene	11.518	91	530925	46.819	ug/l	99
68) m/p-Xylenes	11.627	106	394449	94.993	ug/l	100
69) o-Xylene	11.950	106	186701	47.994	ug/l	100
70) Styrene	11.969	104	316687	48.795	ug/l	100
71) Bromoform	12.133	173	57198	52.434	ug/l	100
73) Isopropylbenzene	12.255	105	500318	44.436	ug/l	99
74) N-amyl acetate	12.072	43	114763	52.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	80711	49.846	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	107727	90.875	ug/l #	100
77) Bromobenzene	12.530	156	109284	46.869	ug/l	97
78) n-propylbenzene	12.597	91	592505	44.446	ug/l	99
79) 2-Chlorotoluene	12.682	91	341771	45.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	406605	45.063	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29408	50.901	ug/l	93
82) 4-Chlorotoluene	12.780	91	352485	45.919	ug/l	99
83) tert-Butylbenzene	12.999	119	370618	45.432	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	400948	45.718	ug/l	100
85) sec-Butylbenzene	13.176	105	521855	44.637	ug/l	99
86) p-Isopropyltoluene	13.292	119	437382	45.273	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	213415	47.459	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	209766	47.650	ug/l	99
89) n-Butylbenzene	13.615	91	408886	45.633	ug/l	99
90) Hexachloroethane	13.883	117	87513	46.481	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	183747	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12484	50.929	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	107436	50.102	ug/l	100
94) Hexachlorobutadiene	15.023	225	72120	48.076	ug/l	98
95) Naphthalene	15.145	128	188119	54.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	88880	51.368	ug/l	100

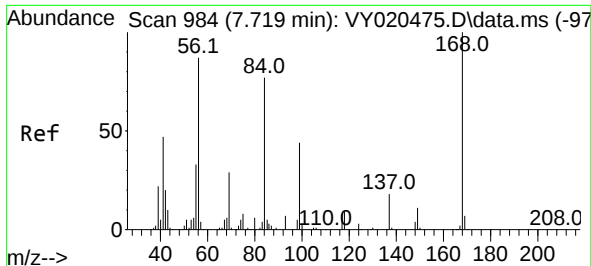
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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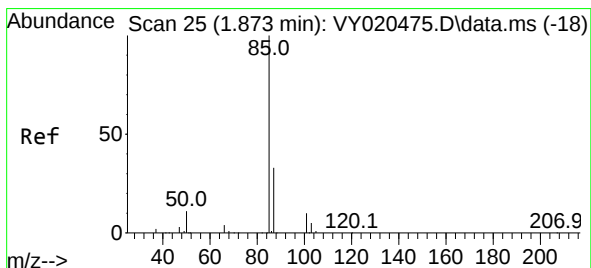
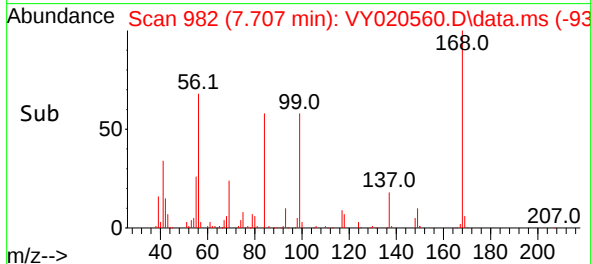
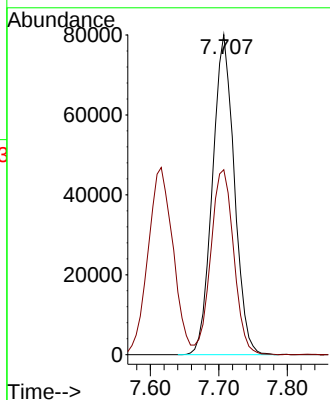
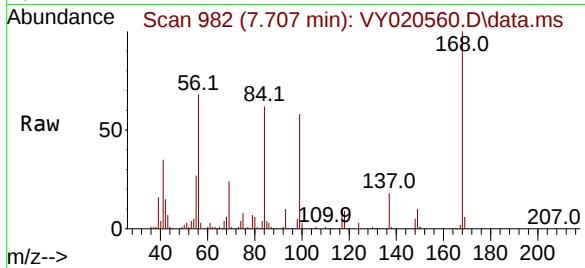
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

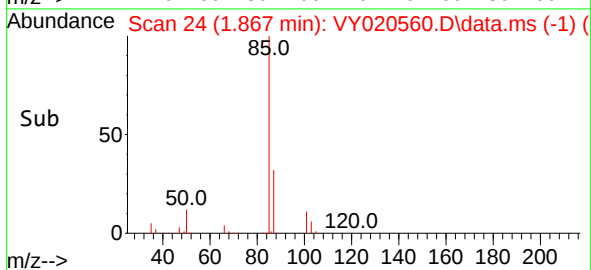
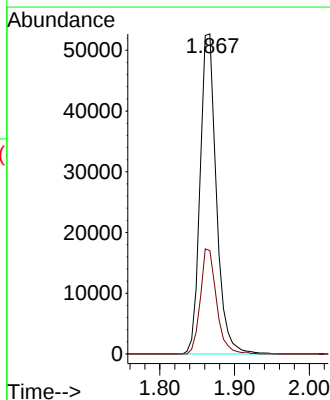
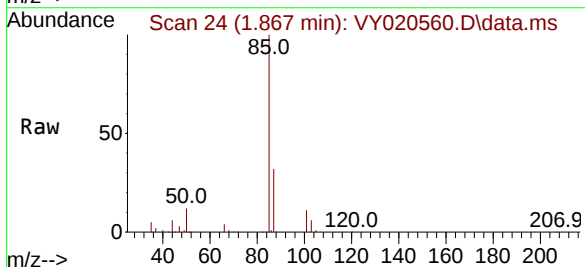
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MSVOA_Y
ClientSampleId :

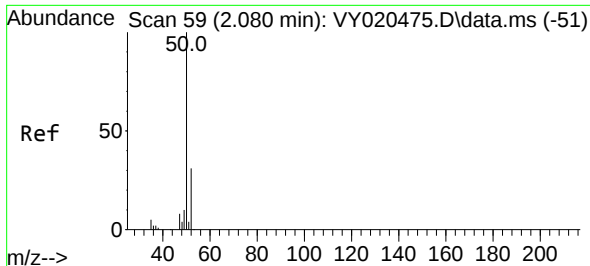
Tgt Ion:168 Resp: 176773
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 46.215 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

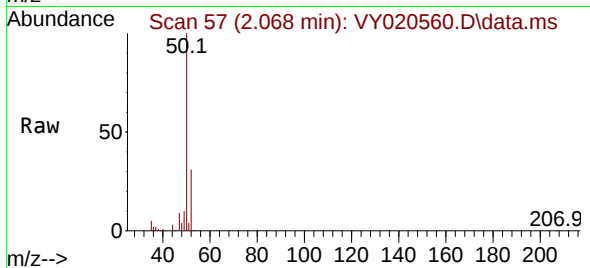
Tgt Ion: 85 Resp: 79689
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2



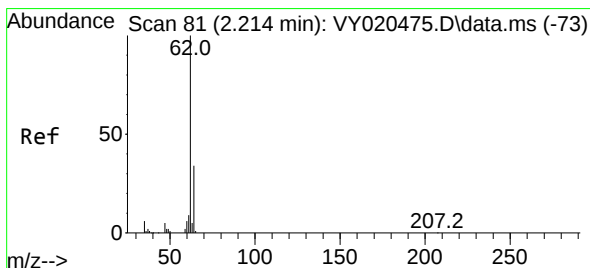
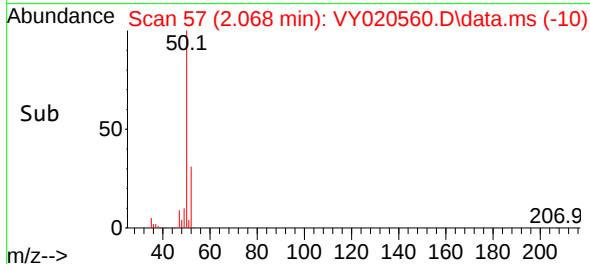
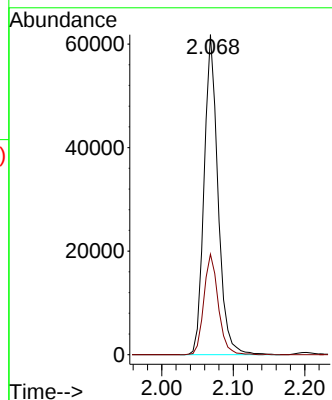


#3
Chloromethane
Concen: 47.791 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

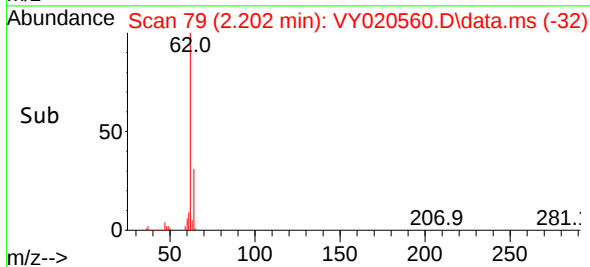
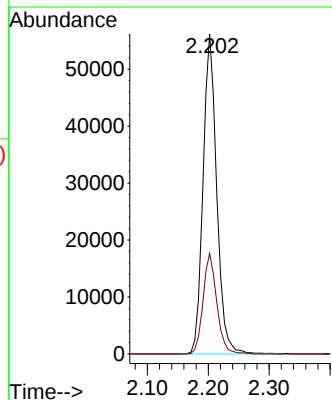
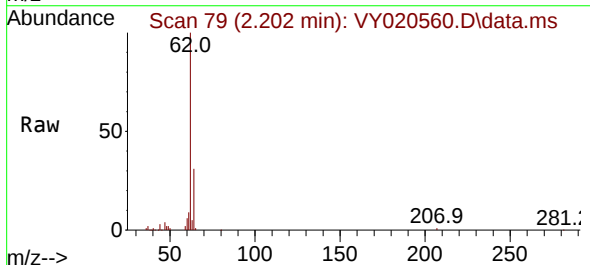


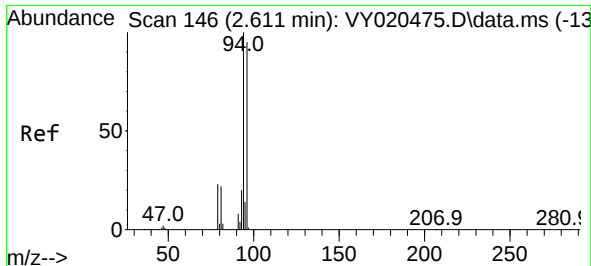
Tgt Ion: 50 Resp: 83436
Ion Ratio Lower Upper
50 100
52 31.4 26.9 40.3



#4
Vinyl Chloride
Concen: 49.098 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 62 Resp: 87397
Ion Ratio Lower Upper
62 100
64 31.4 24.7 37.1

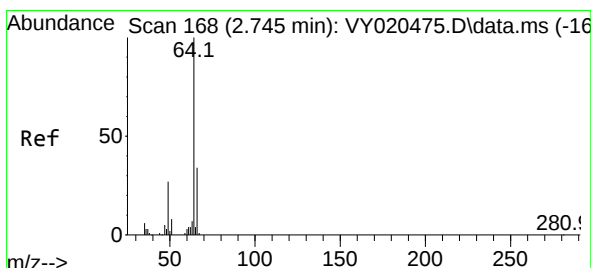
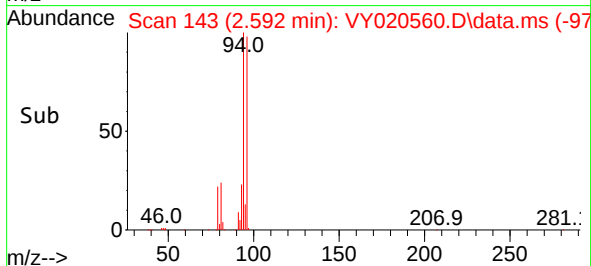
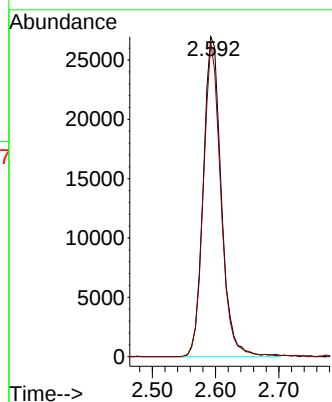
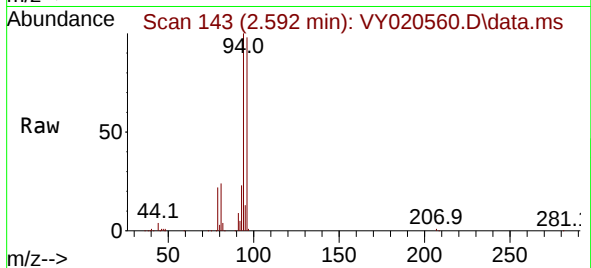




#5
Bromomethane
Concen: 51.199 ug/l
RT: 2.592 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

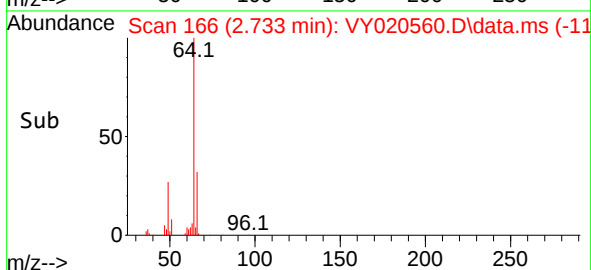
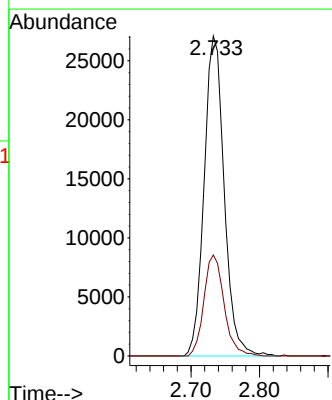
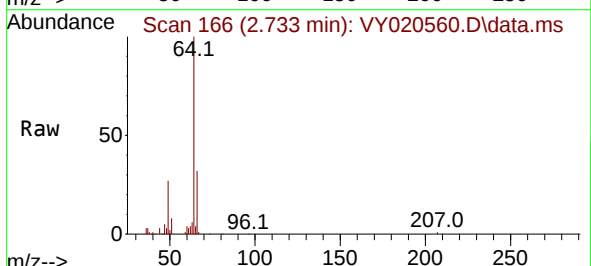
Instrument :
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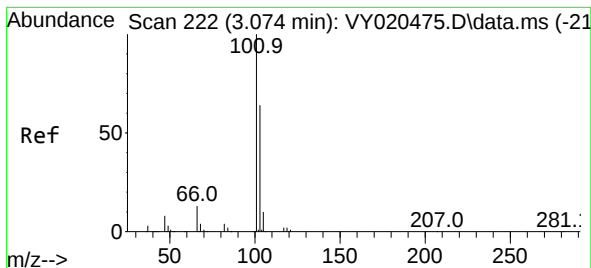
Tgt Ion: 94 Resp: 53474
Ion Ratio Lower Upper
94 100
96 98.0 75.4 113.2



#6
Chloroethane
Concen: 50.696 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 64 Resp: 55310
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5





#7

Trichlorofluoromethane

Concen: 46.845 ug/l

RT: 3.056 min Scan# 21

Delta R.T. -0.018 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

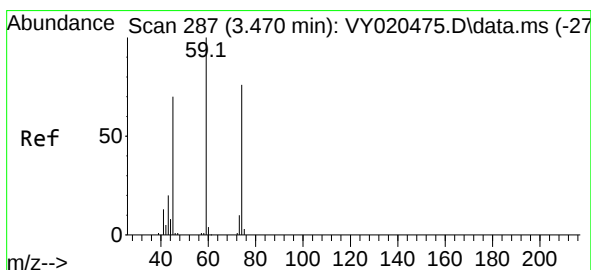
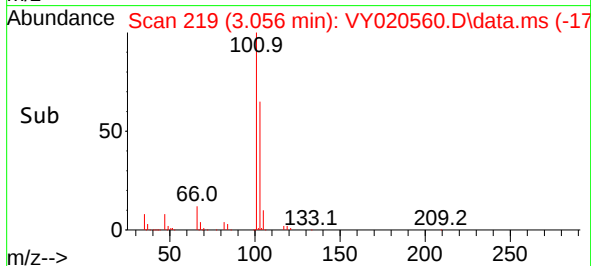
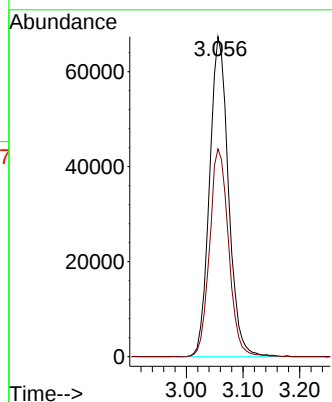
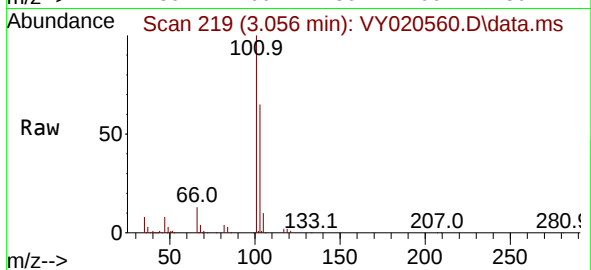
ClientSampleId :

Tgt Ion:101 Resp: 156175

Ion Ratio Lower Upper

101 100

103 65.0 51.5 77.3



#8

Diethyl Ether

Concen: 53.441 ug/l

RT: 3.452 min Scan# 284

Delta R.T. -0.018 min

Lab File: VY020560.D

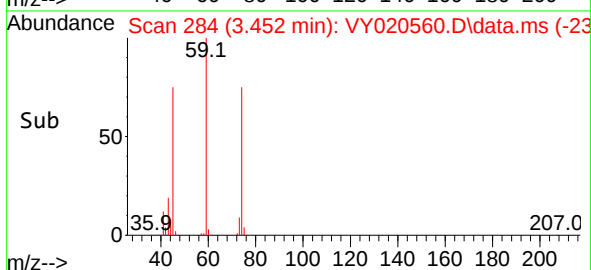
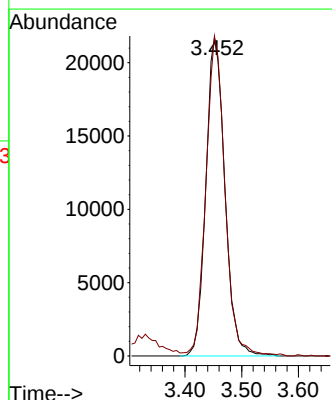
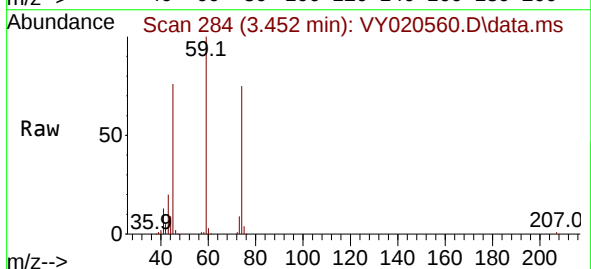
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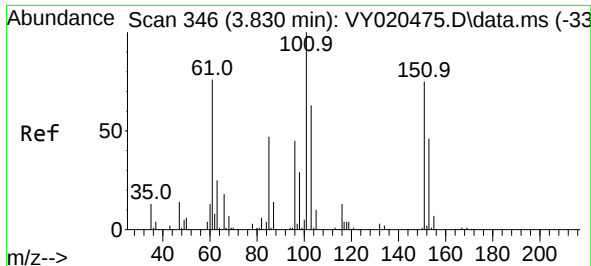
Tgt Ion: 74 Resp: 50481

Ion Ratio Lower Upper

74 100

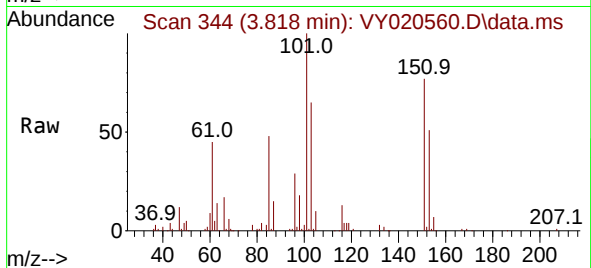
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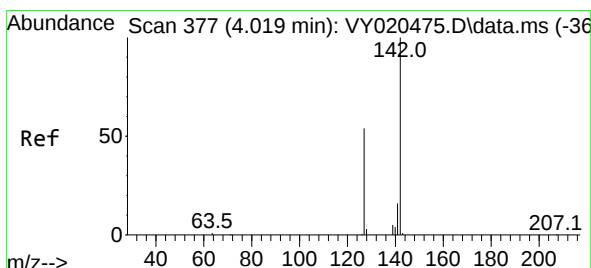
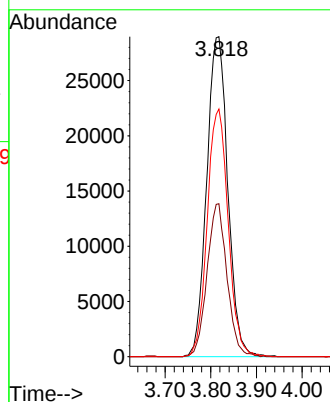
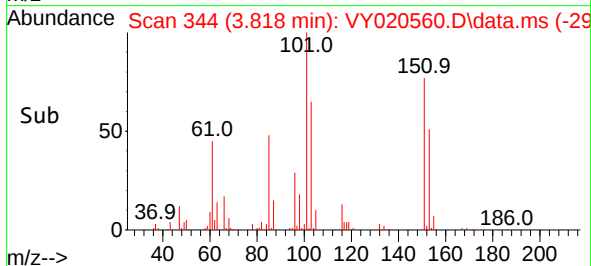


#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.868 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

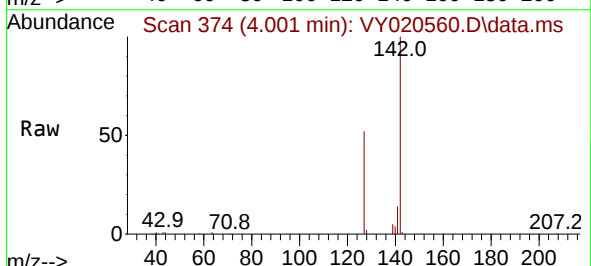
Instrument :
MSVOA_Y
ClientSampleId :



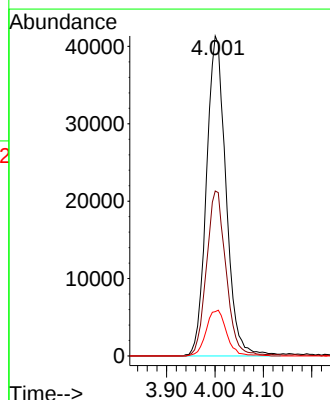
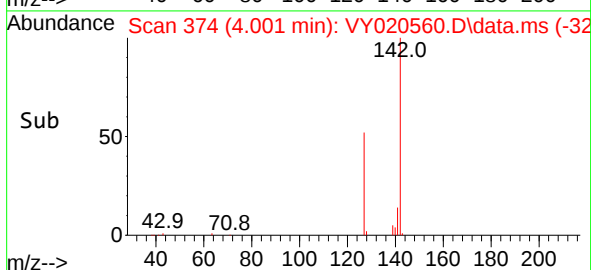
Tgt Ion:101 Resp: 92986
Ion Ratio Lower Upper
101 100
85 45.2 38.0 57.0
151 76.8 59.6 89.4

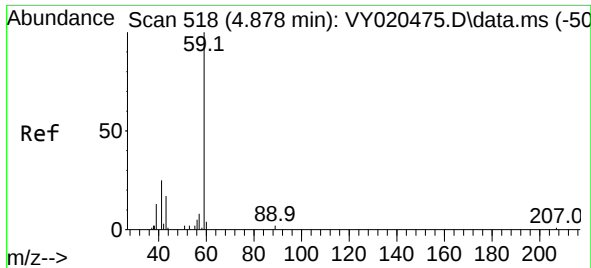


#10
Methyl Iodide
Concen: 53.246 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42



Tgt Ion:142 Resp: 116113
Ion Ratio Lower Upper
142 100
127 51.8 38.9 58.3
141 14.9 11.7 17.5

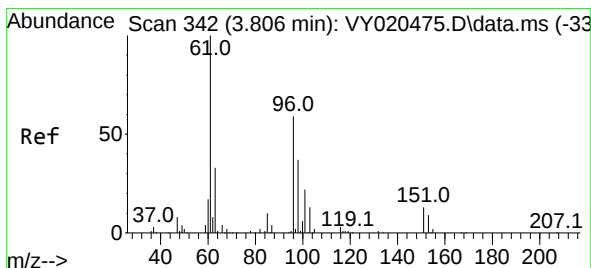
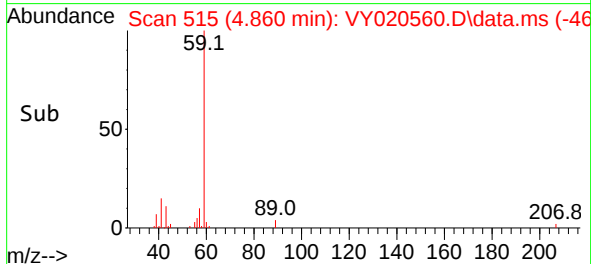
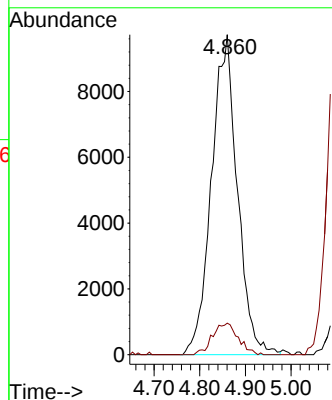
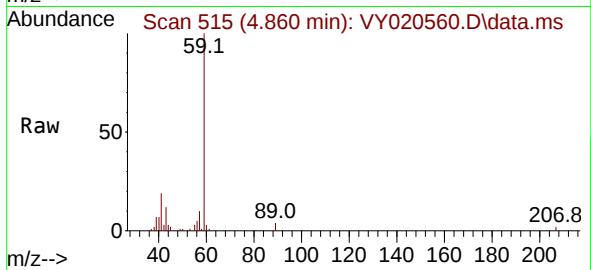




#11
Tert butyl alcohol
Concen: 327.887 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

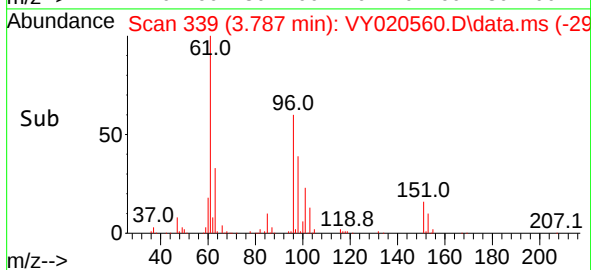
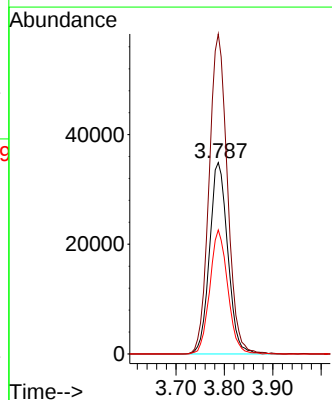
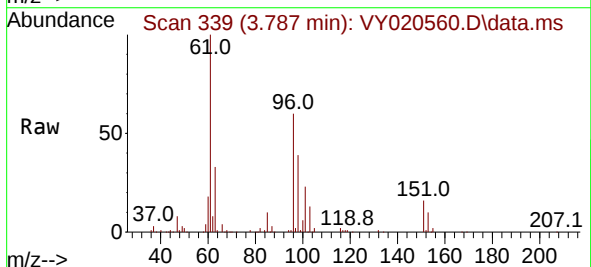
Instrument :
MSVOA_Y
ClientSampleId :

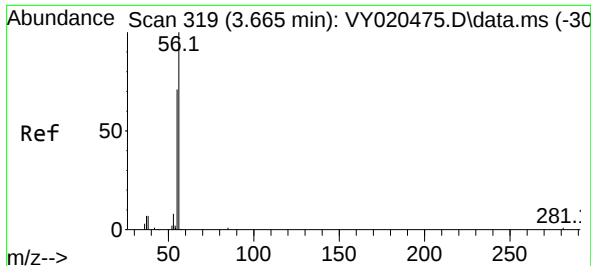
Tgt Ion: 59 Resp: 38239
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.832 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 96 Resp: 91444
Ion Ratio Lower Upper
96 100
61 167.2 143.3 214.9
98 64.8 49.8 74.8

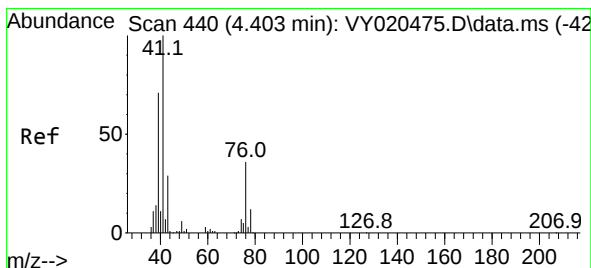
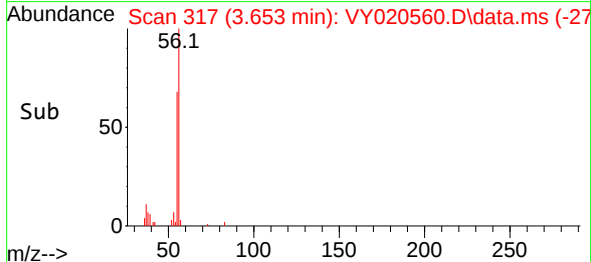
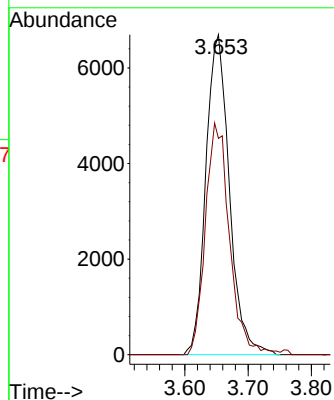
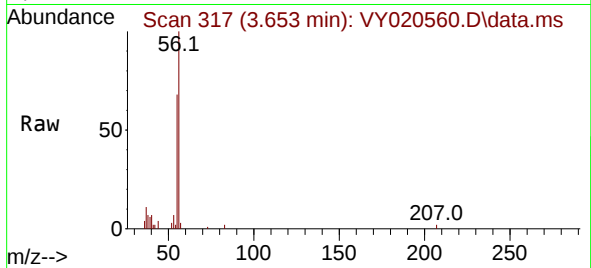




#13
Acrolein
Concen: 158.696 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

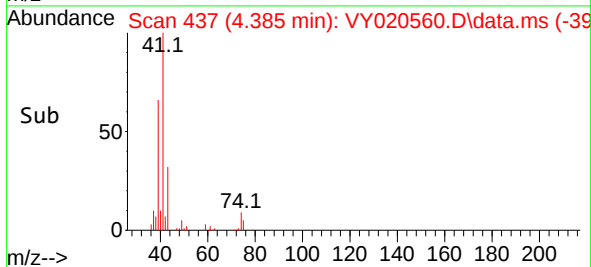
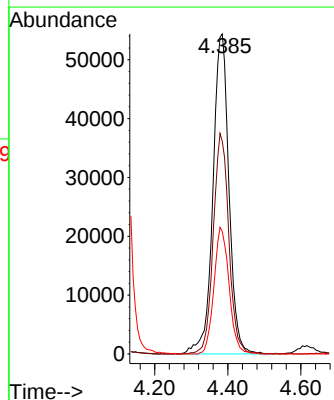
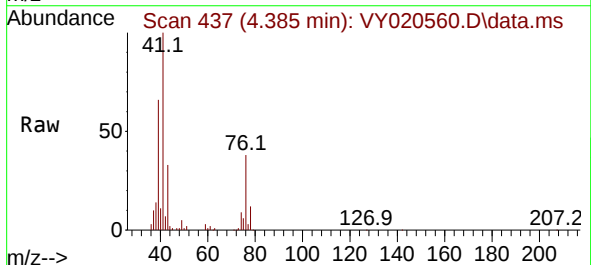
Instrument :
MSVOA_Y
ClientSampleId :

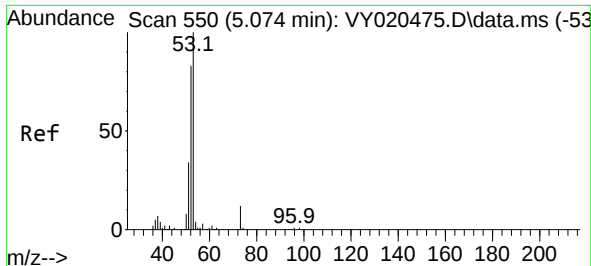
Tgt Ion: 56 Resp: 17328
Ion Ratio Lower Upper
56 100
55 74.0 57.7 86.5



#14
Allyl chloride
Concen: 50.661 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

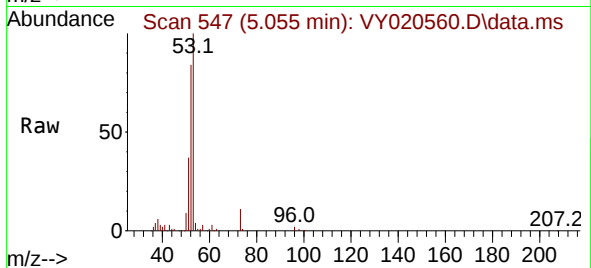
Tgt Ion: 41 Resp: 165806
Ion Ratio Lower Upper
41 100
39 66.7 58.8 88.2
76 37.2 29.7 44.5



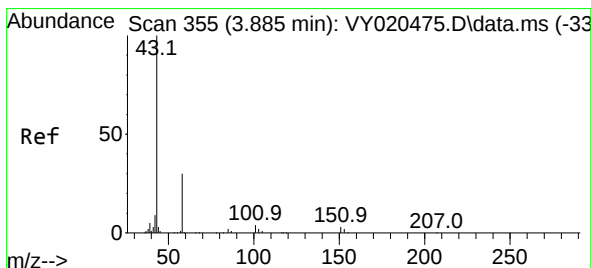
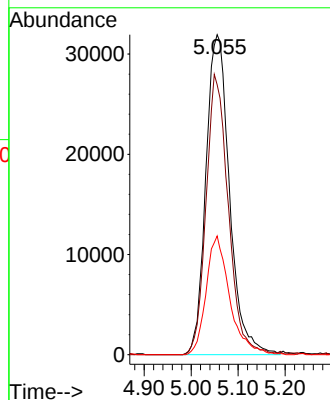
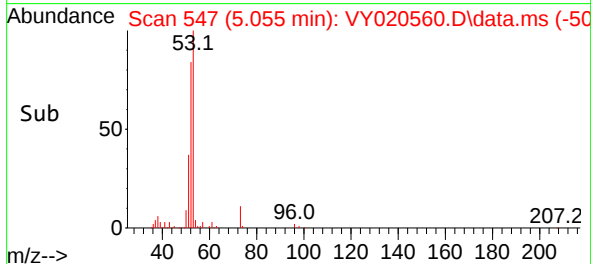


#15
Acrylonitrile
Concen: 283.582 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

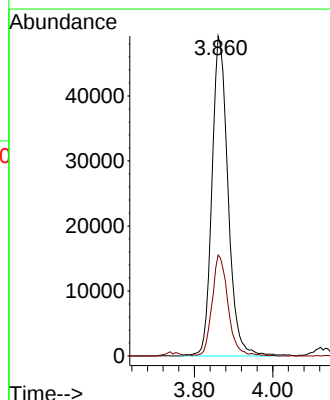
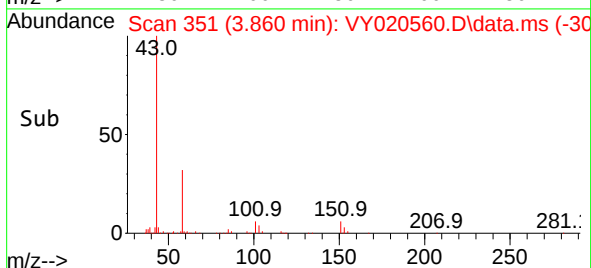
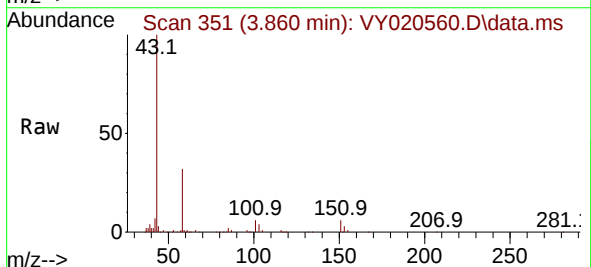


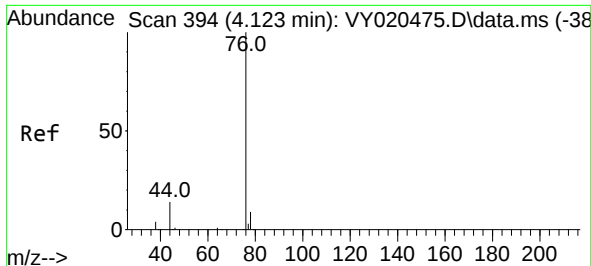
Tgt Ion: 53 Resp: 111612
Ion Ratio Lower Upper
53 100
52 82.3 65.2 97.8
51 37.0 30.2 45.4



#16
Acetone
Concen: 312.716 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.024 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 43 Resp: 139791
Ion Ratio Lower Upper
43 100
58 31.6 25.7 38.5





#17

Carbon Disulfide

Concen: 50.427 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.018 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

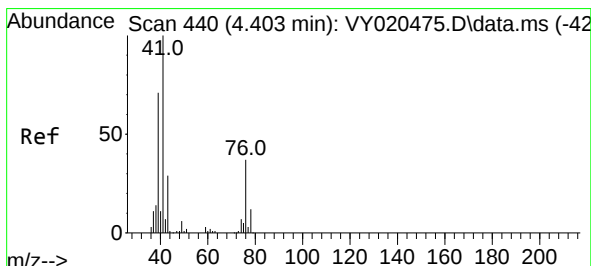
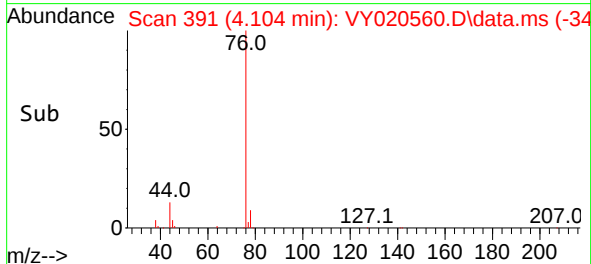
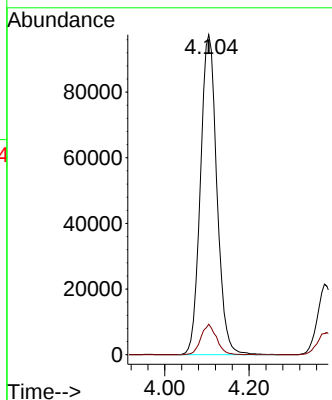
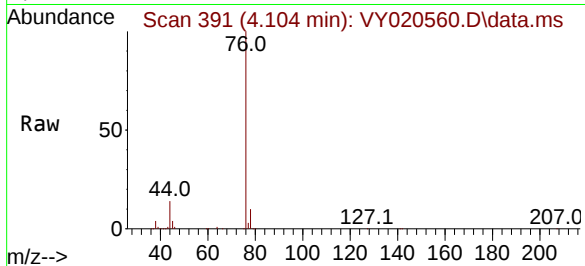
ClientSampleId :

Tgt Ion: 76 Resp: 264846

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



#18

Methyl Acetate

Concen: 58.391 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.024 min

Lab File: VY020560.D

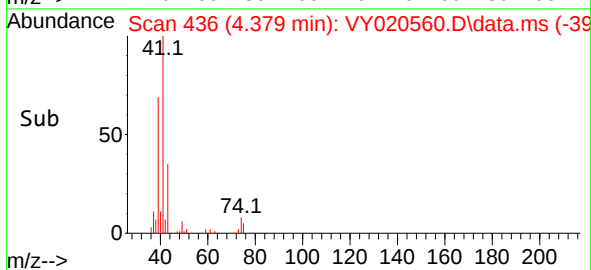
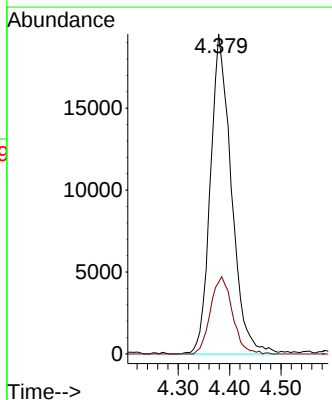
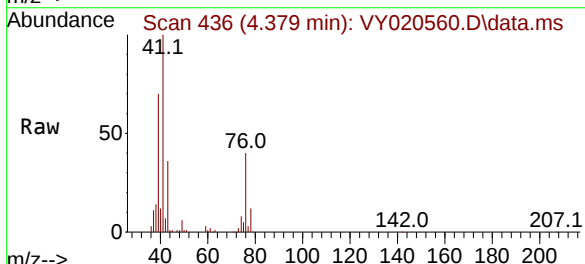
Acq: 10 Dec 2024 10:42

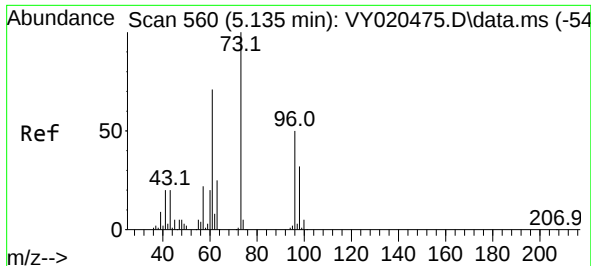
Tgt Ion: 43 Resp: 55478

Ion Ratio Lower Upper

43 100

74 25.2 18.6 27.8

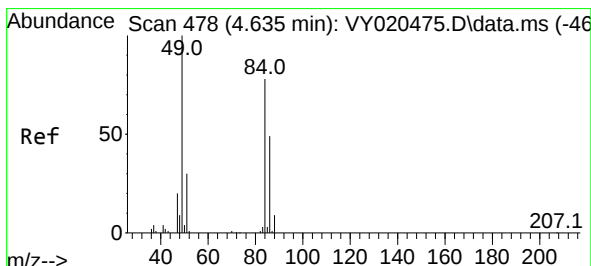
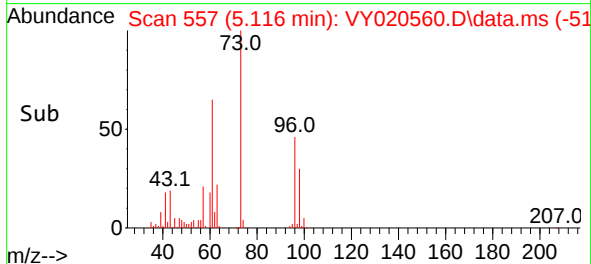
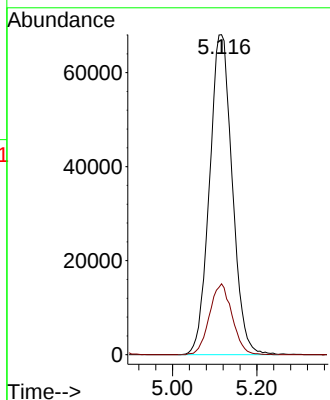
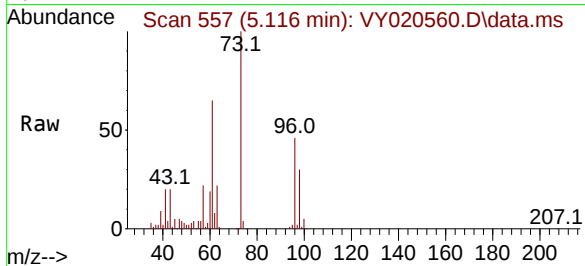




#19
Methyl tert-butyl Ether
Concen: 54.425 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

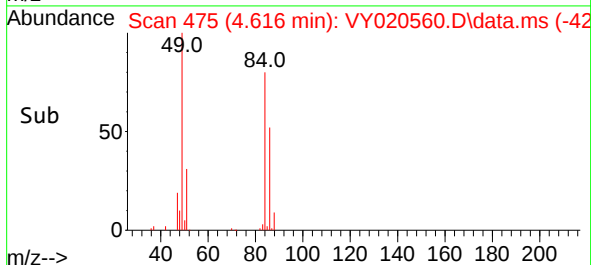
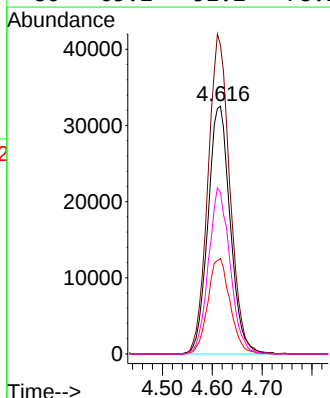
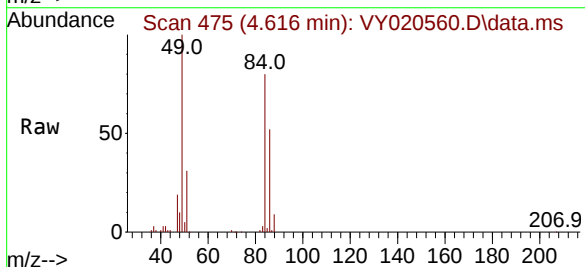
Instrument :
MSVOA_Y
ClientSampleId :

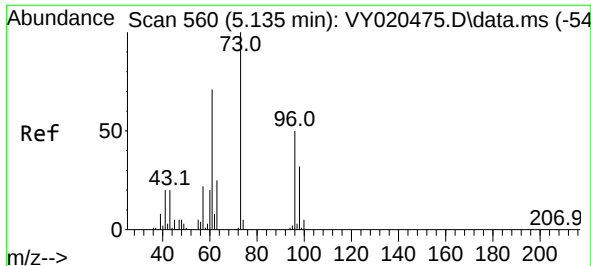
Tgt Ion: 73 Resp: 255054
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 53.106 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

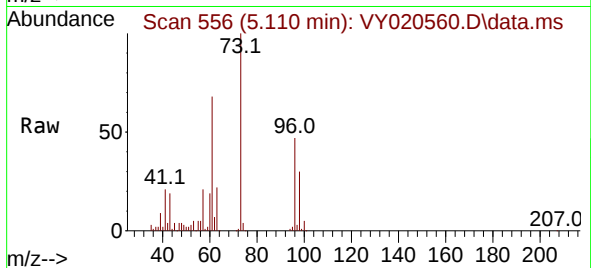
Tgt Ion: 84 Resp: 100986
Ion Ratio Lower Upper
84 100
49 124.6 104.7 157.1
51 38.6 33.4 50.0
86 65.2 52.2 78.2



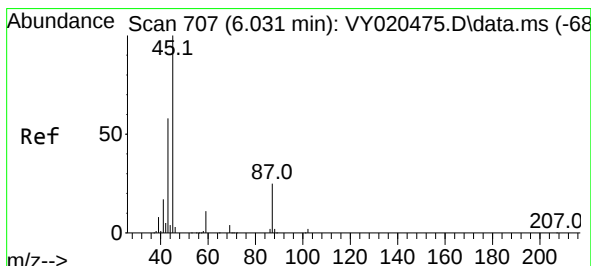
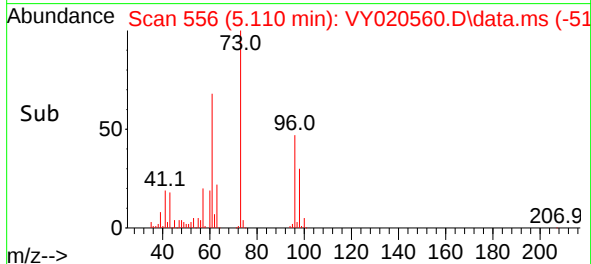
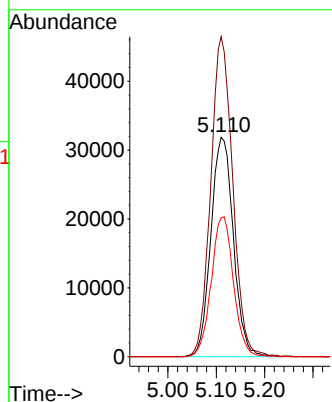


#21
trans-1,2-Dichloroethene
Concen: 50.500 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

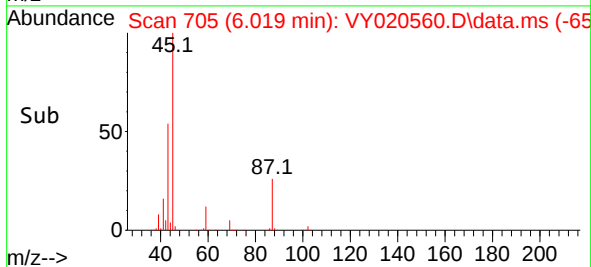
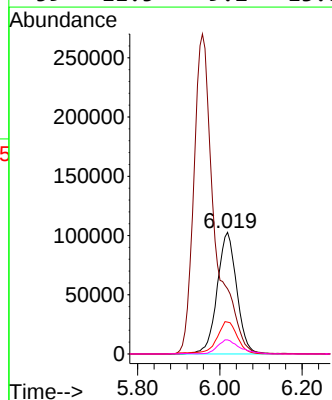
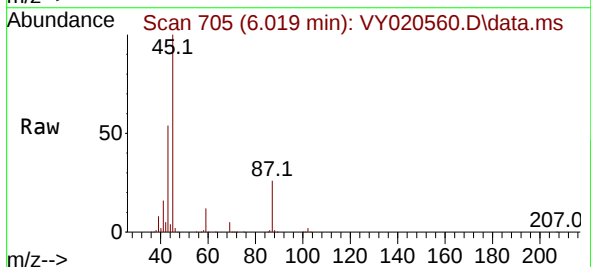


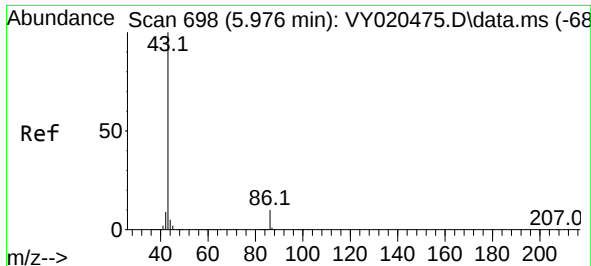
Tgt Ion: 96 Resp: 102929
Ion Ratio Lower Upper
96 100
61 145.8 111.6 167.4
98 63.3 46.7 70.1



#22
Diisopropyl ether
Concen: 52.077 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 45 Resp: 338927
Ion Ratio Lower Upper
45 100
43 53.1 44.8 67.2
87 26.1 20.6 30.8
59 11.5 9.2 13.8

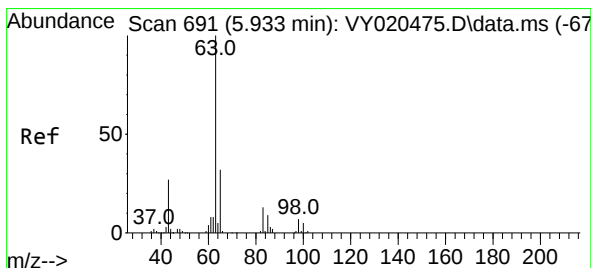
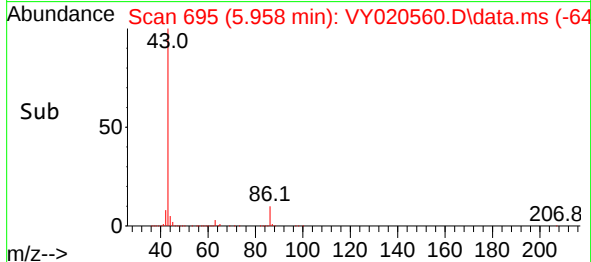
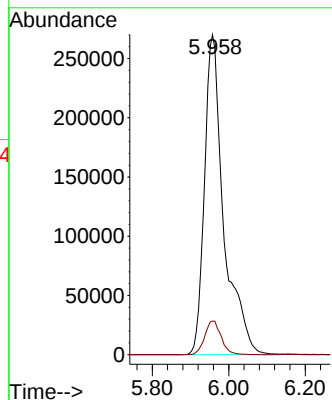
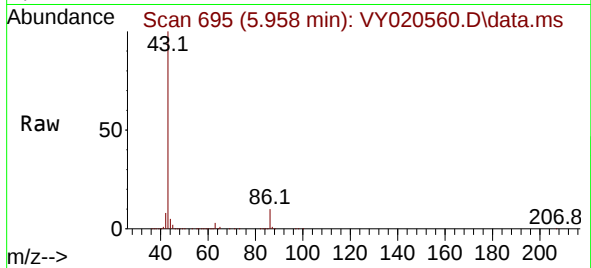




#23
 Vinyl Acetate
 Concen: 274.804 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.018 min
 Lab File: VY020560.D
 Acq: 10 Dec 2024 10:42

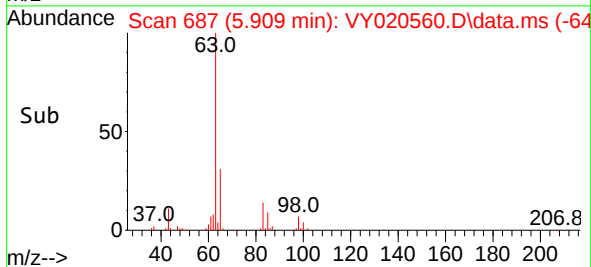
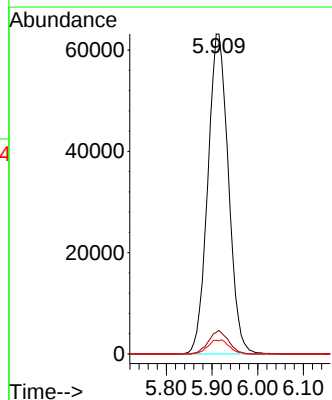
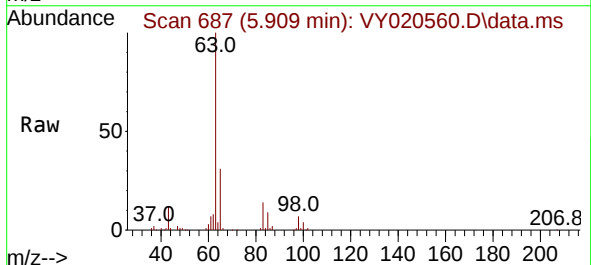
Instrument :
 MSVOA_Y
 ClientSampleId :

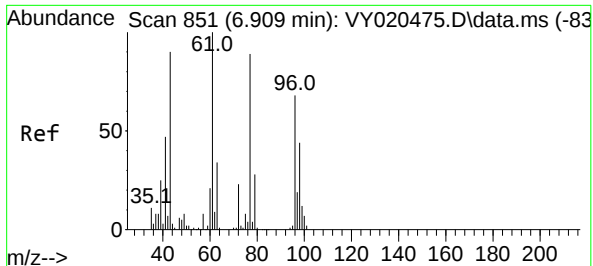
Tgt Ion: 43 Resp: 945972
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.540 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.024 min
 Lab File: VY020560.D
 Acq: 10 Dec 2024 10:42

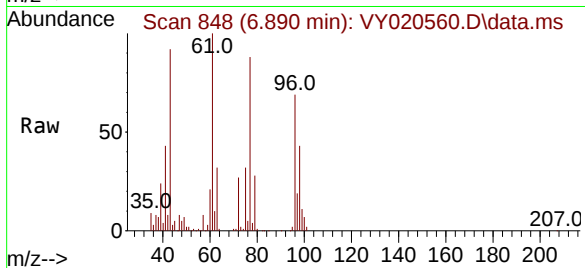
Tgt Ion: 63 Resp: 198022
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.3 2.0 5.8



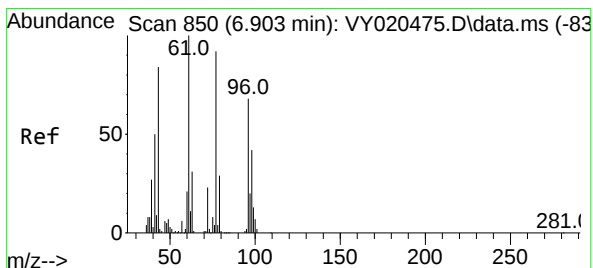
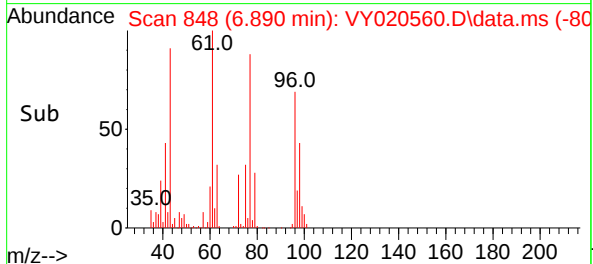
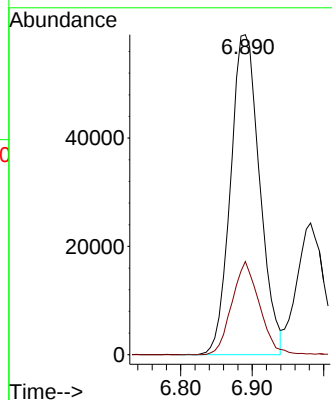


#25
2-Butanone
Concen: 296.131 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

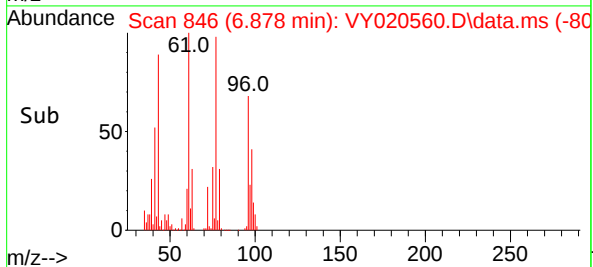
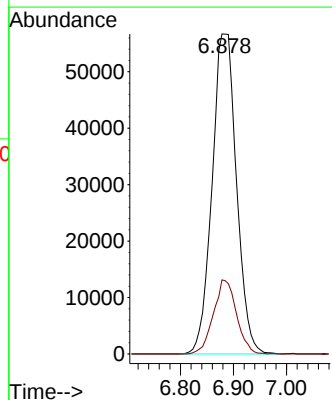
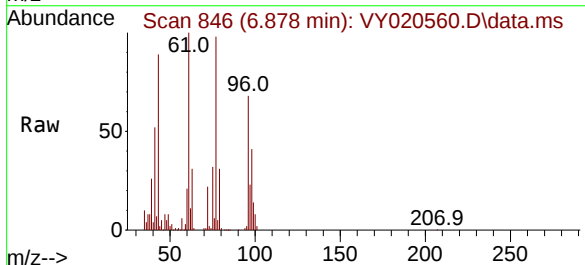


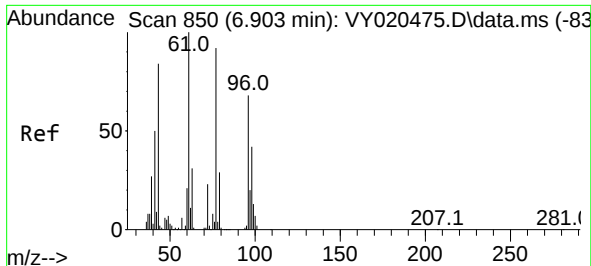
Tgt Ion: 43 Resp: 167158
Ion Ratio Lower Upper
43 100
72 29.1 20.4 30.6



#26
2,2-Dichloropropane
Concen: 48.926 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.024 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 77 Resp: 181314
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.447 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

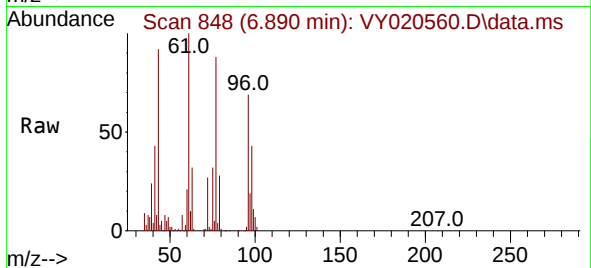
Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :



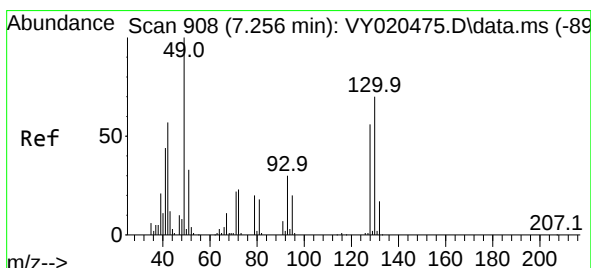
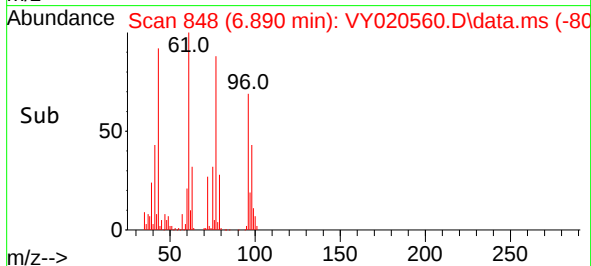
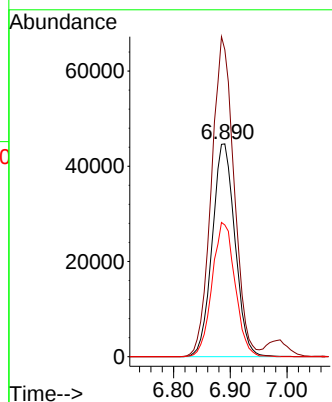
Tgt Ion: 96 Resp: 124821

Ion Ratio Lower Upper

96 100

61 149.3 0.0 312.4

98 63.5 0.0 126.8



#28

Bromochloromethane

Concen: 52.693 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

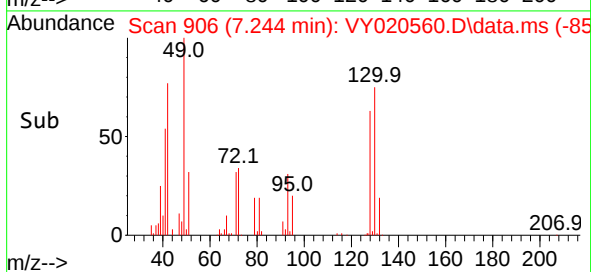
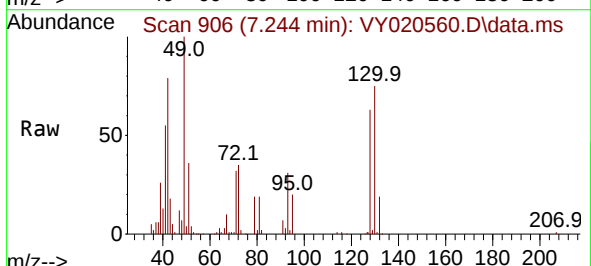
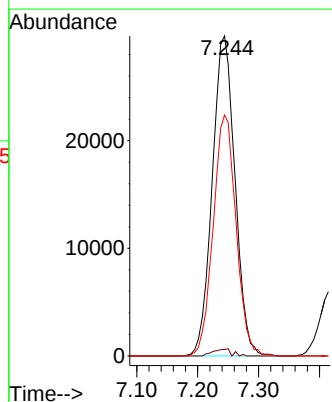
Tgt Ion: 49 Resp: 77098

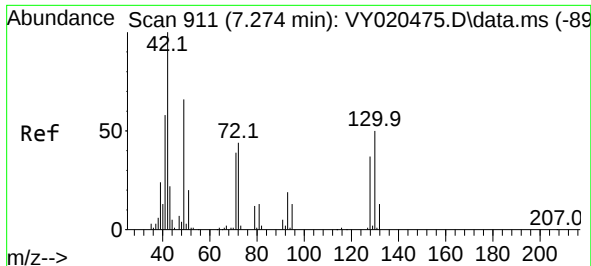
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 75.5 55.0 82.6





#29

Tetrahydrofuran

Concen: 284.366 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.018 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

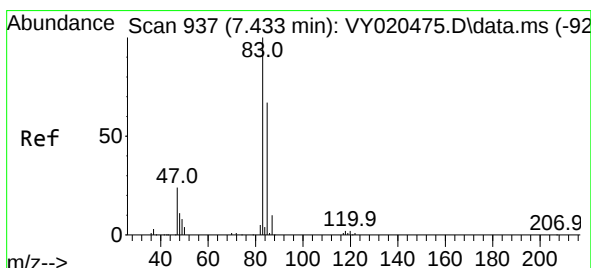
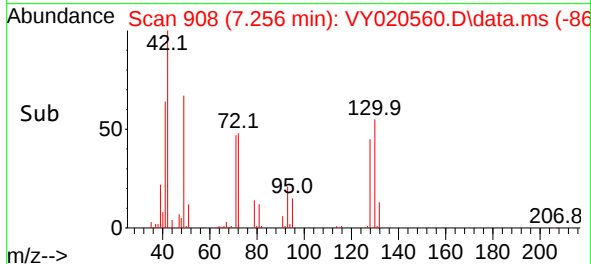
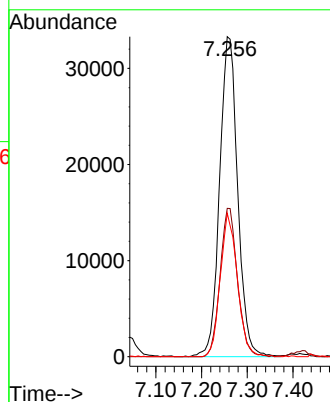
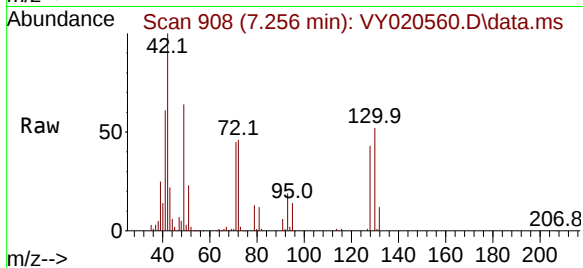
Tgt Ion: 42 Resp: 91573

Ion Ratio Lower Upper

42 100

72 44.5 33.4 50.0

71 42.3 31.9 47.9



#30

Chloroform

Concen: 50.466 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY020560.D

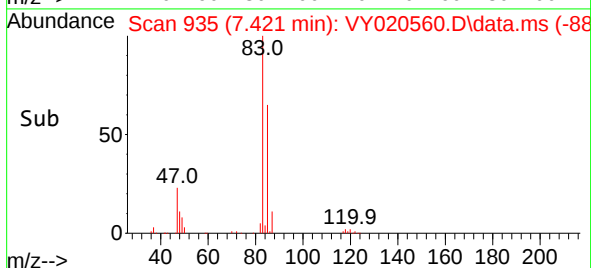
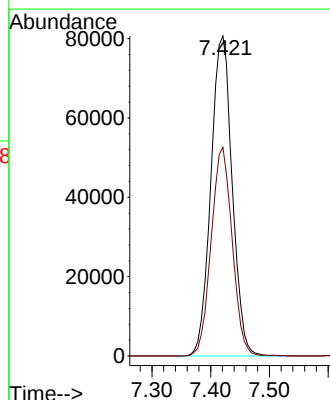
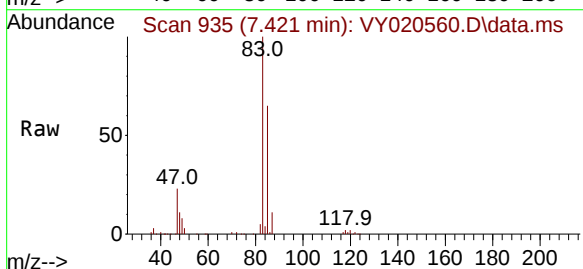
Acq: 10 Dec 2024 10:42

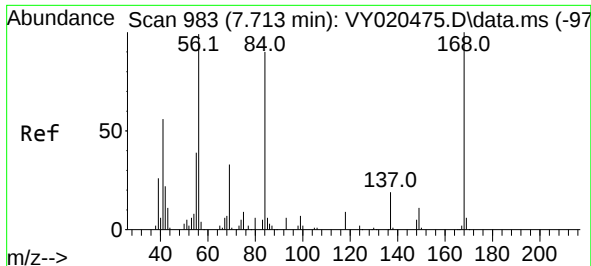
Tgt Ion: 83 Resp: 202936

Ion Ratio Lower Upper

83 100

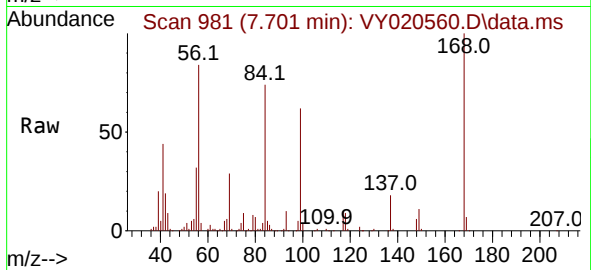
85 65.2 50.3 75.5



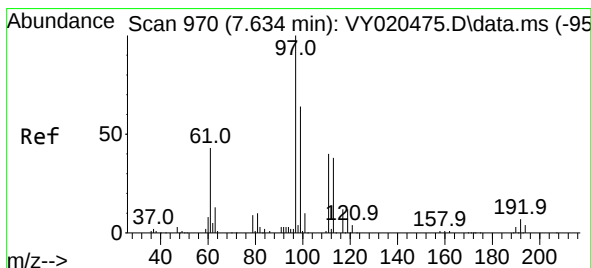
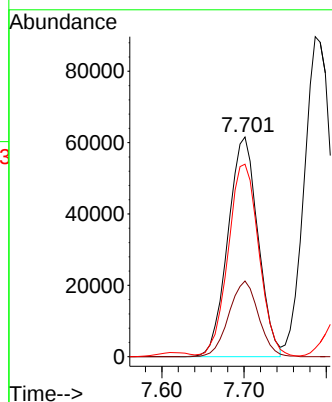
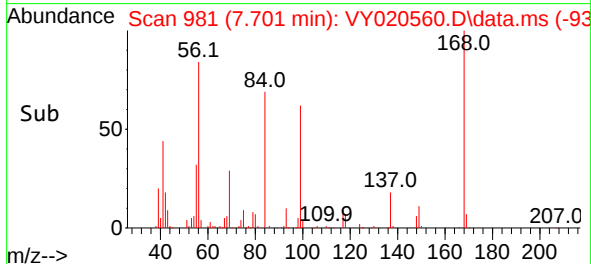


#31
Cyclohexane
Concen: 44.200 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

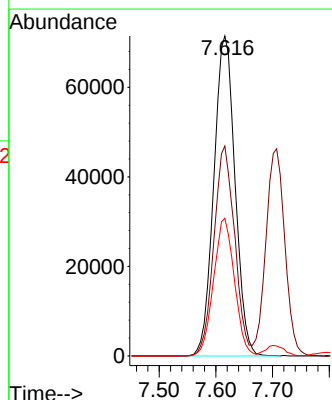
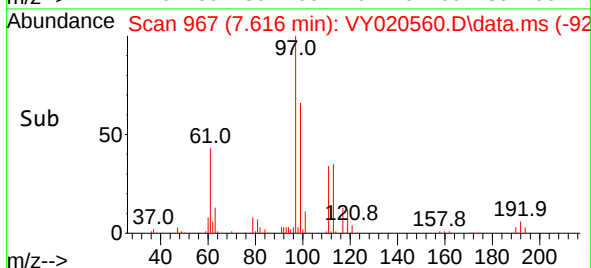
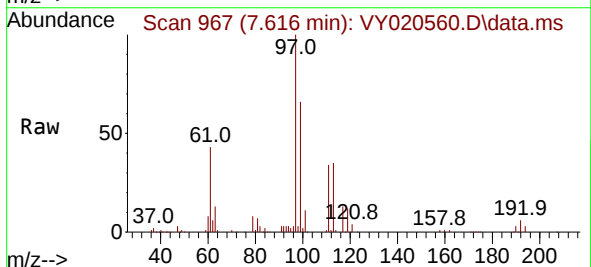


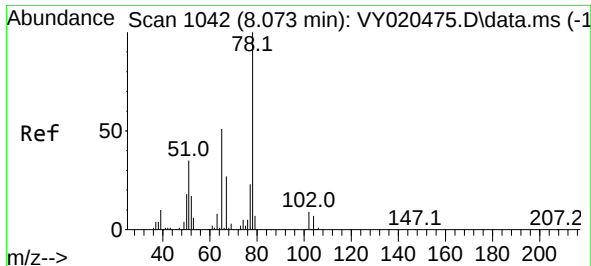
Tgt Ion: 56 Resp: 156565
Ion Ratio Lower Upper
56 100
69 34.5 25.3 37.9
84 85.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 47.985 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 97 Resp: 185802
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 42.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 56.009 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

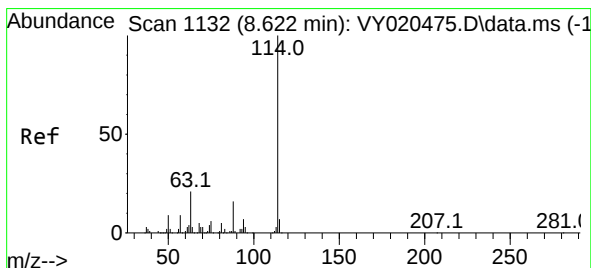
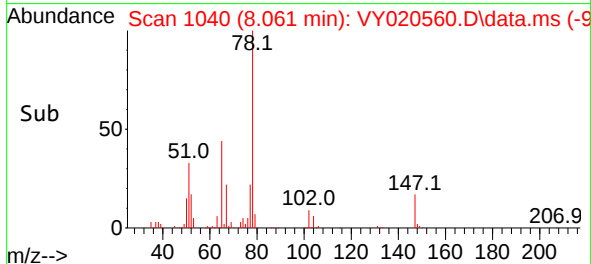
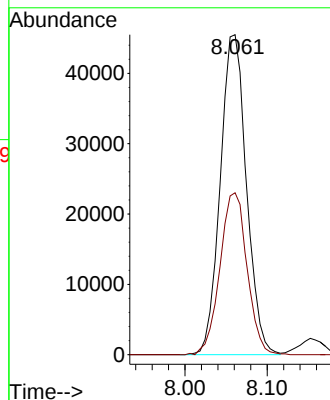
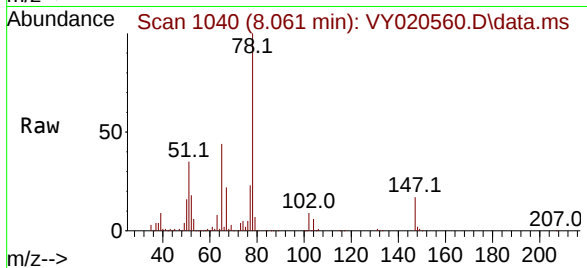
ClientSampleId :

Tgt Ion: 65 Resp: 100694

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

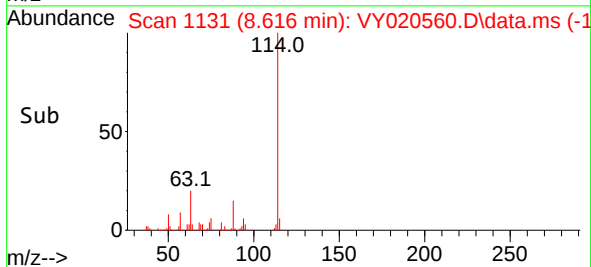
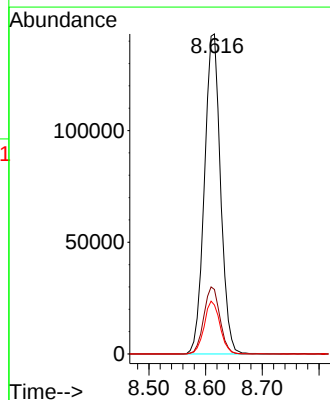
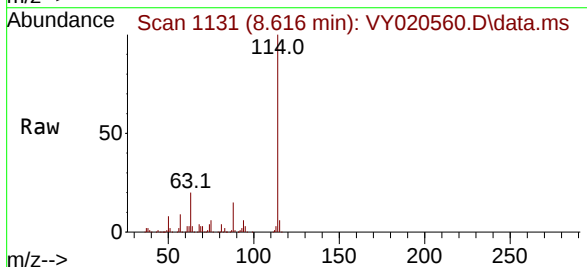
Tgt Ion: 114 Resp: 282168

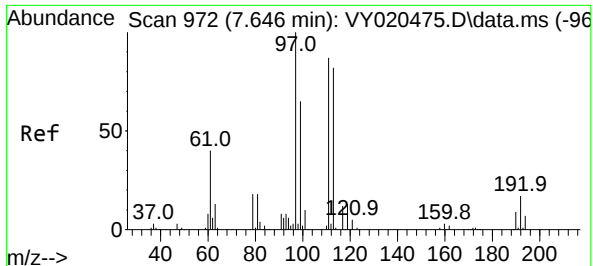
Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.8

88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 55.745 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.018 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

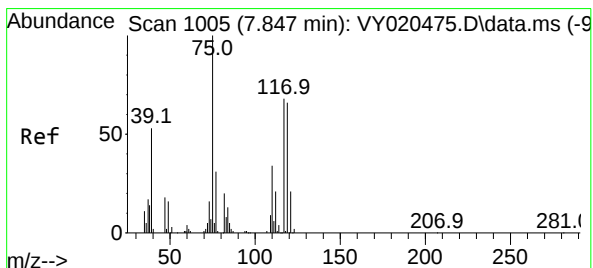
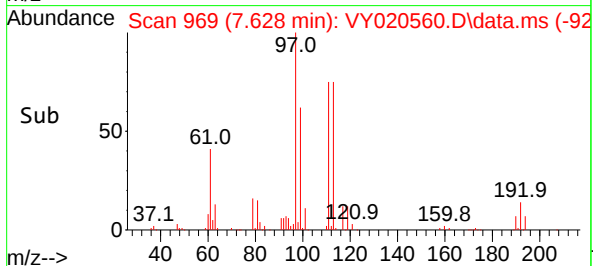
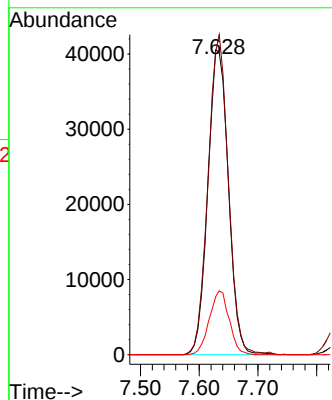
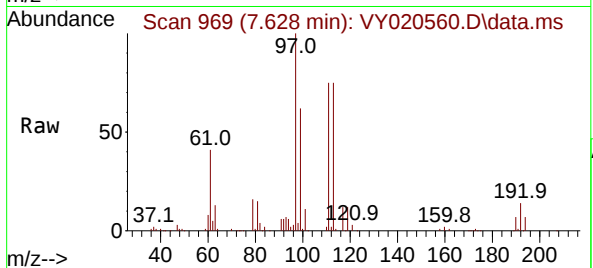
Tgt Ion:113 Resp: 99024

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 20.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 46.591 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

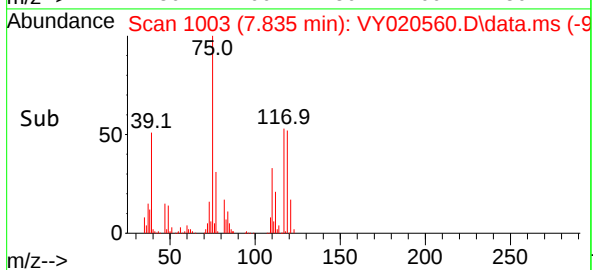
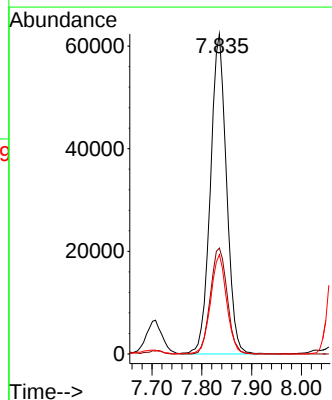
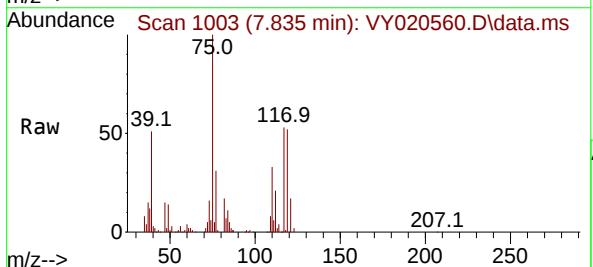
Tgt Ion: 75 Resp: 139764

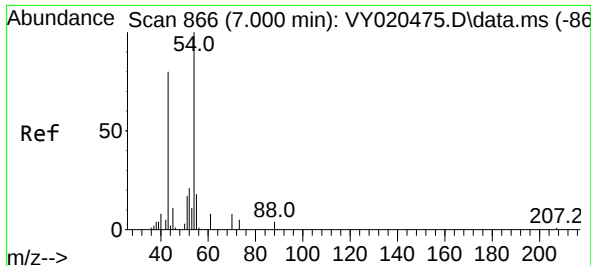
Ion Ratio Lower Upper

75 100

110 34.4 16.7 50.0

77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 56.358 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

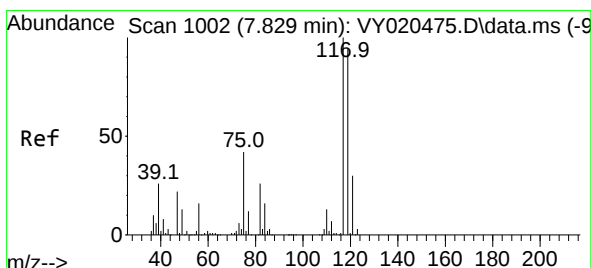
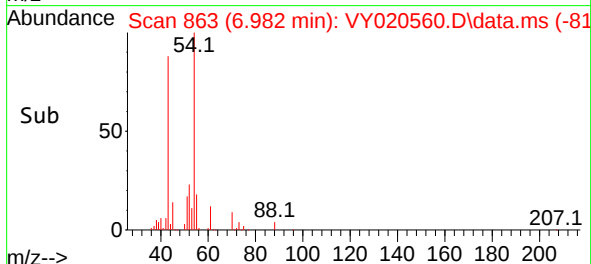
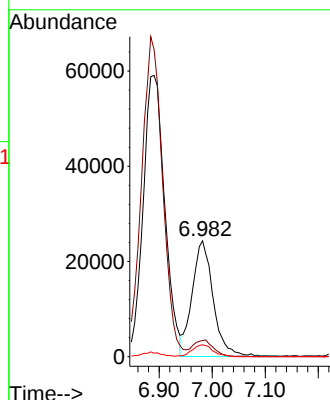
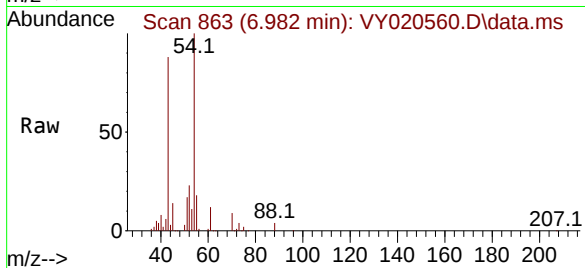
Tgt Ion: 43 Resp: 66978

Ion Ratio Lower Upper

43 100

61 14.2 10.7 16.1

70 10.2 7.3 10.9



#38

Carbon Tetrachloride

Concen: 46.382 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

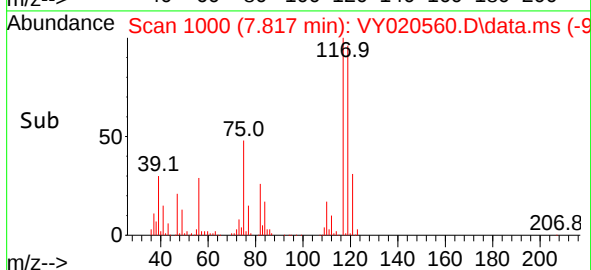
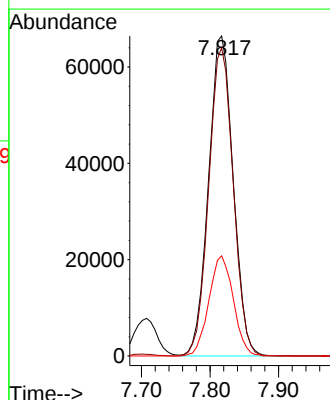
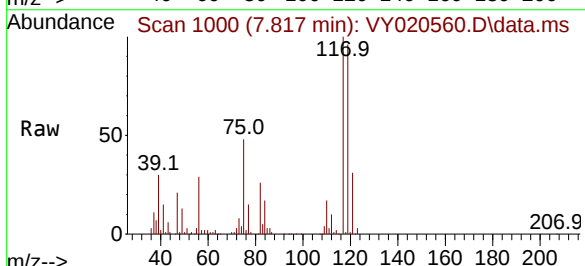
Tgt Ion: 117 Resp: 166061

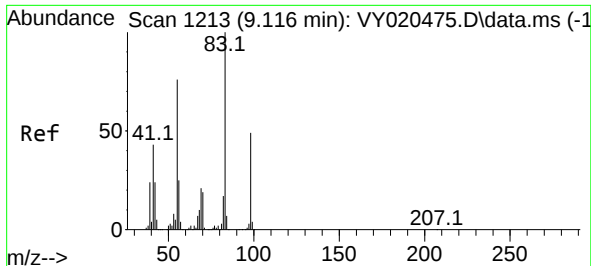
Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.6

121 31.3 24.6 37.0





#39

Methylcyclohexane

Concen: 45.610 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

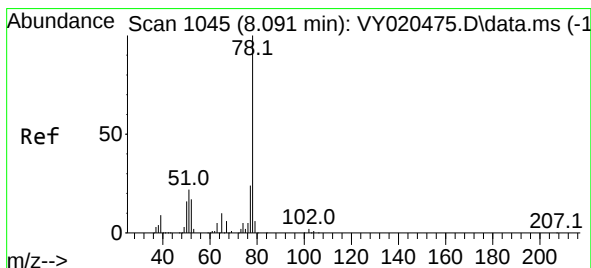
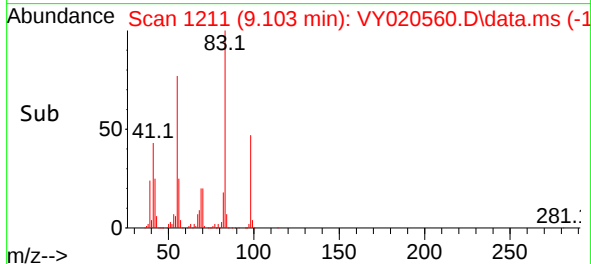
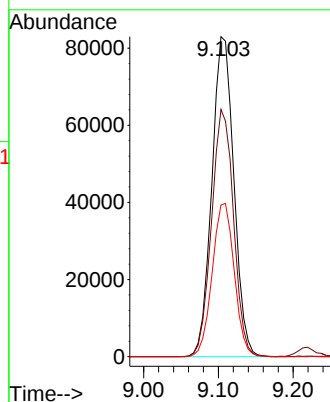
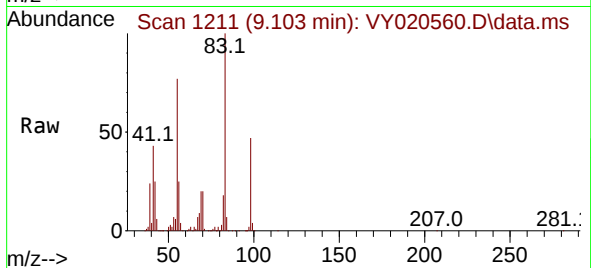
Tgt Ion: 83 Resp: 169779

Ion Ratio Lower Upper

83 100

55 77.2 62.6 93.8

98 47.4 37.0 55.4



#40

Benzene

Concen: 49.032 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020560.D

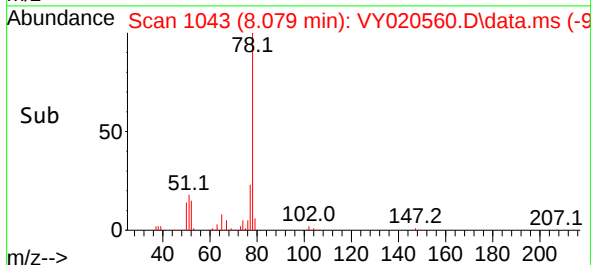
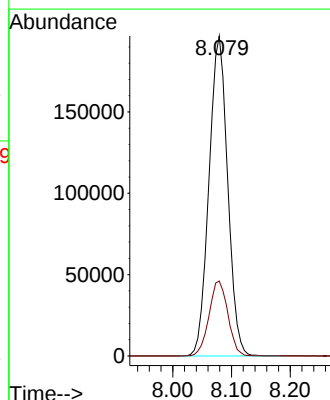
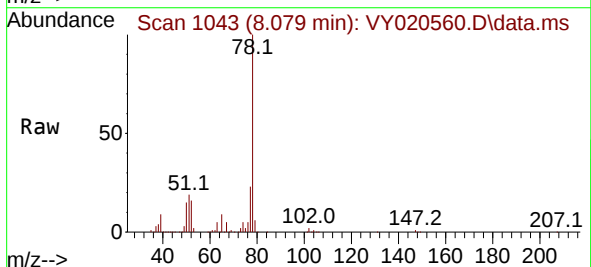
Acq: 10 Dec 2024 10:42

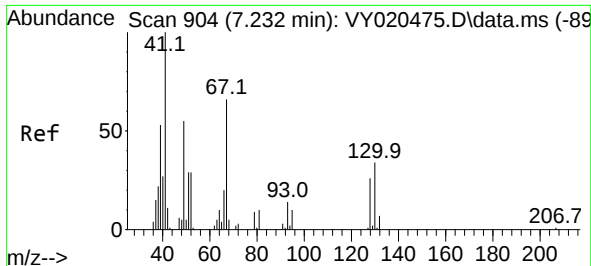
Tgt Ion: 78 Resp: 433672

Ion Ratio Lower Upper

78 100

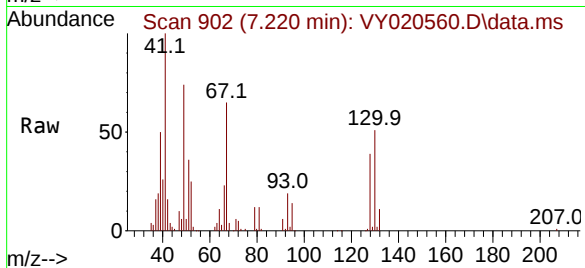
77 23.4 19.4 29.0



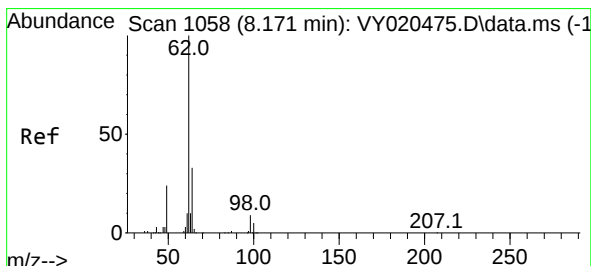
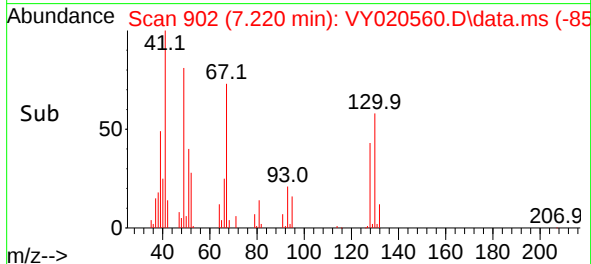
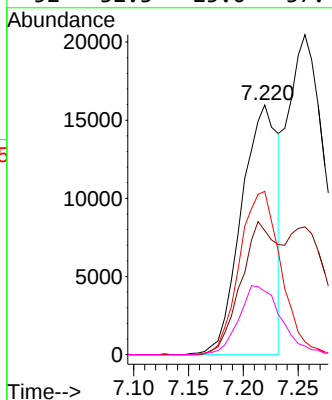


#41
Methacrylonitrile
Concen: 54.473 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

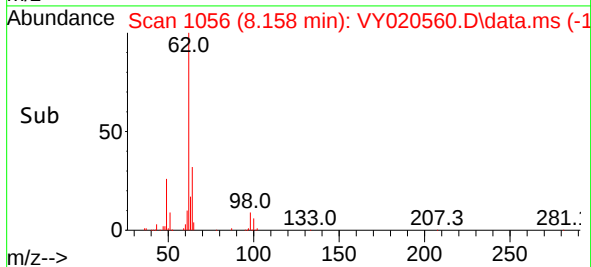
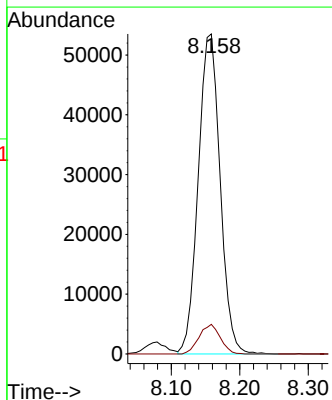
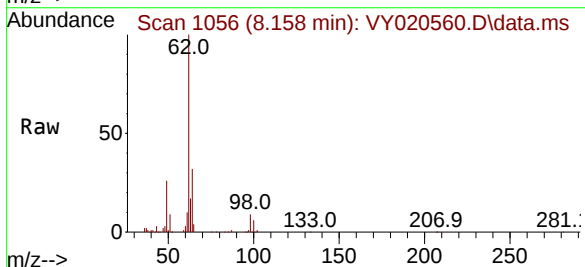


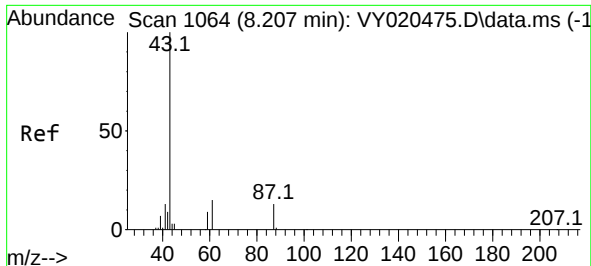
Tgt Ion: 41 Resp: 36802
Ion Ratio Lower Upper
41 100
39 59.0 49.0 73.4
67 74.8 57.1 85.7
52 32.3 25.0 37.4



#42
1,2-Dichloroethane
Concen: 51.259 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

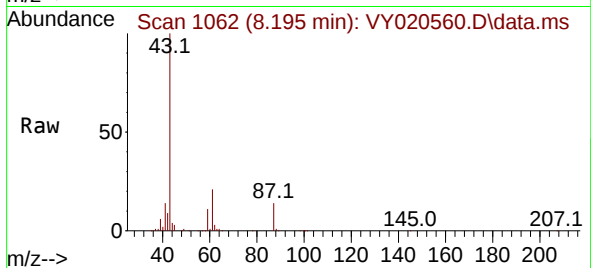
Tgt Ion: 62 Resp: 119126
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0



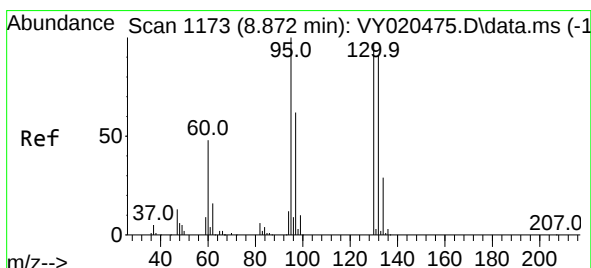
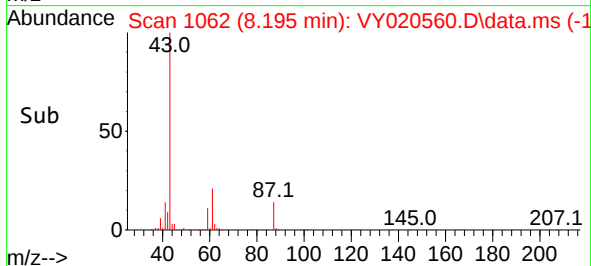
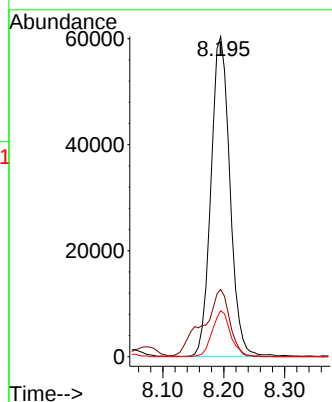


#43
Isopropyl Acetate
Concen: 54.250 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

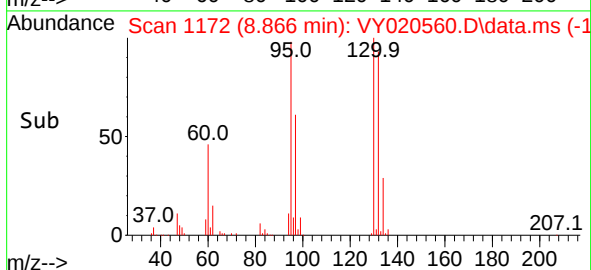
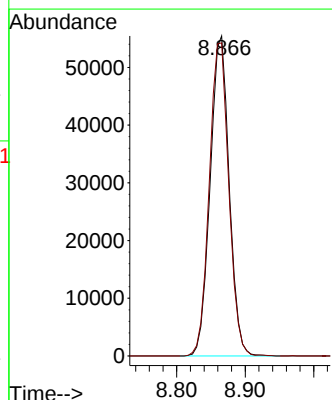
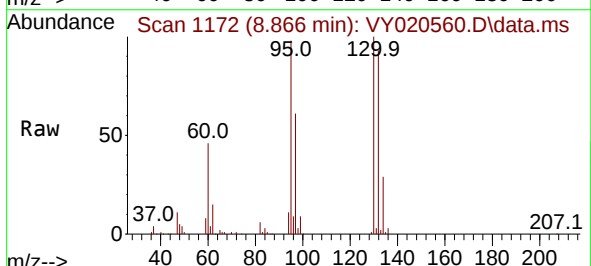


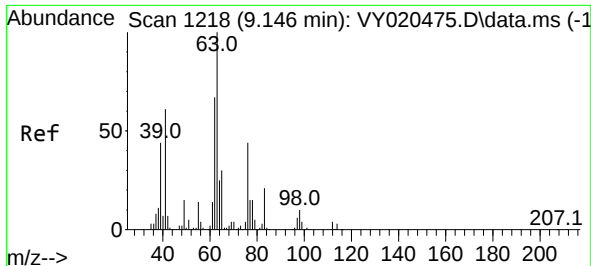
Tgt Ion: 43 Resp: 130191
Ion Ratio Lower Upper
43 100
61 29.7 22.8 34.2
87 13.8 9.6 14.4



#44
Trichloroethene
Concen: 48.999 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion:130 Resp: 106835
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 49.616 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

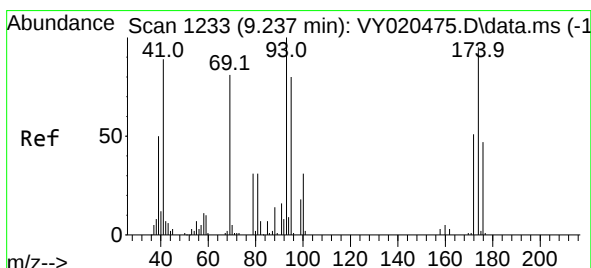
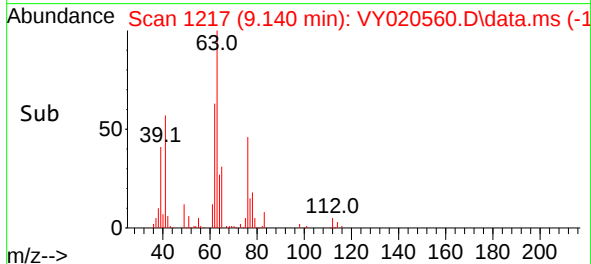
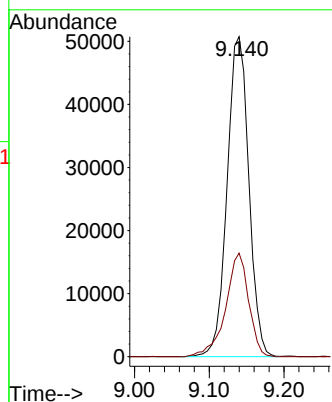
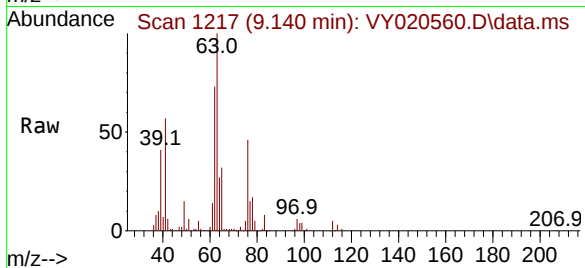
ClientSampleId :

Tgt Ion: 63 Resp: 102691

Ion Ratio Lower Upper

63 100

65 32.4 24.2 36.4



#46

Dibromomethane

Concen: 53.043 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

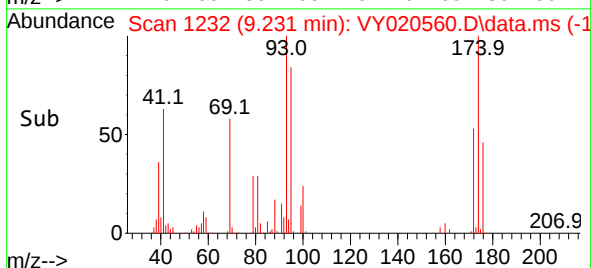
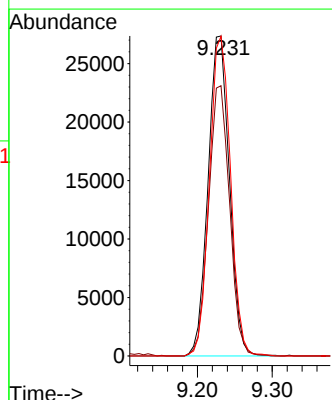
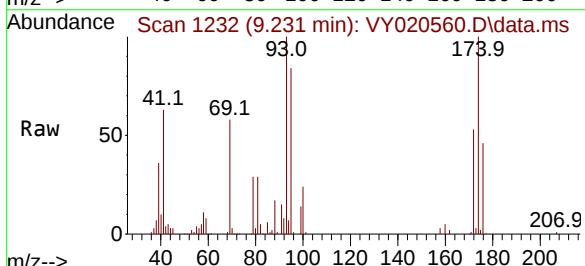
Tgt Ion: 93 Resp: 54356

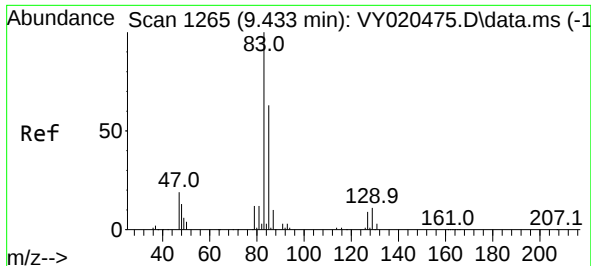
Ion Ratio Lower Upper

93 100

95 83.4 65.3 97.9

174 98.4 74.4 111.6

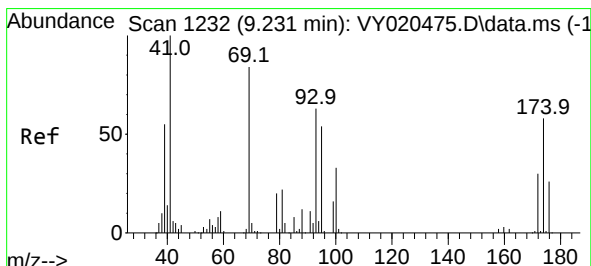
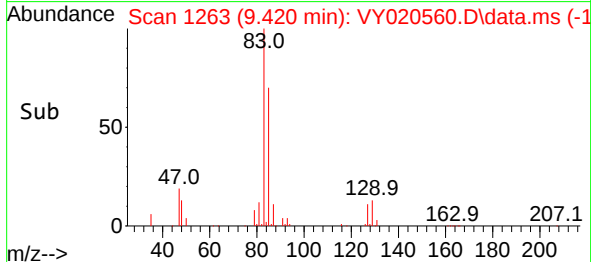
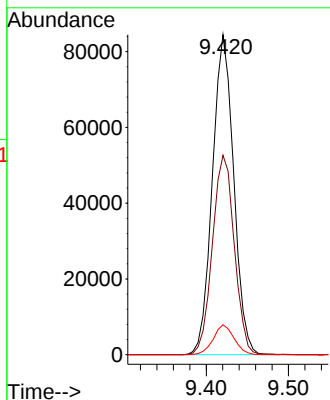
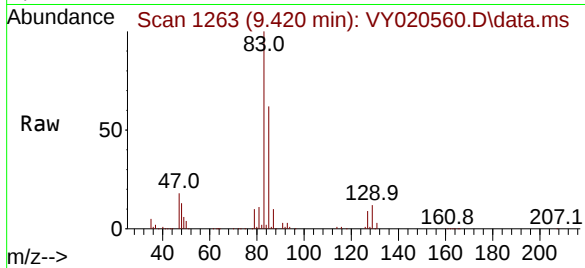




#47
Bromodichloromethane
Concen: 50.369 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

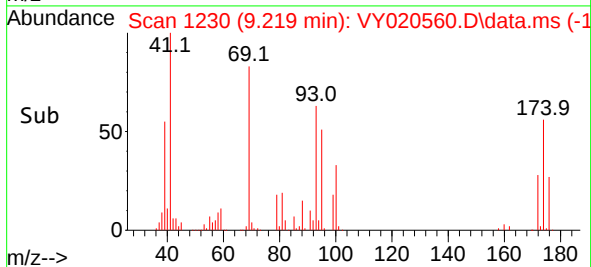
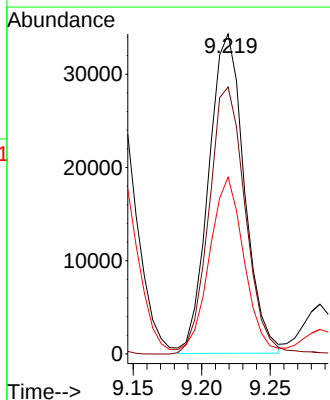
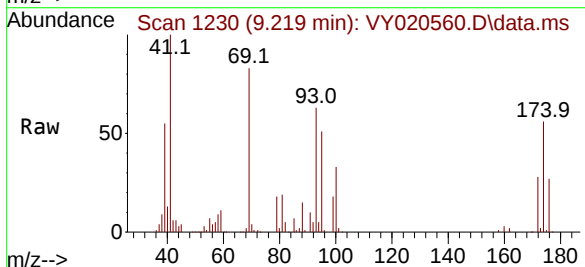
Instrument :
MSVOA_Y
ClientSampleId :

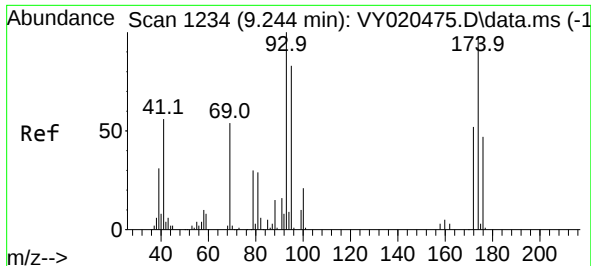
Tgt Ion: 83 Resp: 152073
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.2
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 55.294 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 41 Resp: 61878
Ion Ratio Lower Upper
41 100
69 85.6 66.1 99.1
39 51.3 46.0 69.0





#49

1,4-Dioxane

Concen: 1260.209 ug/l

RT: 9.225 min Scan# 1234

Delta R.T. -0.018 min

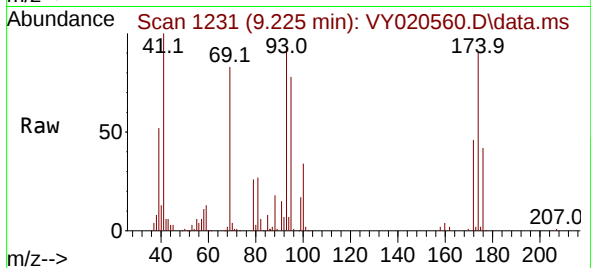
Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :



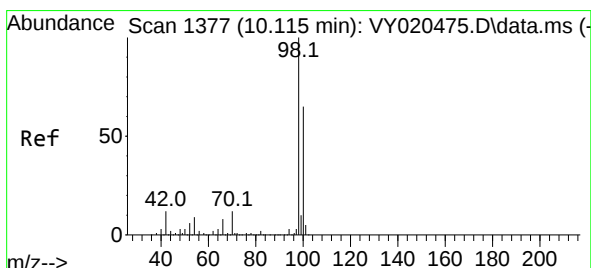
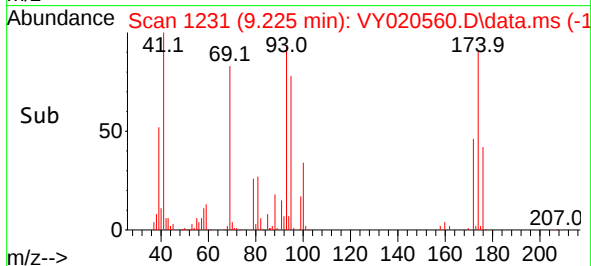
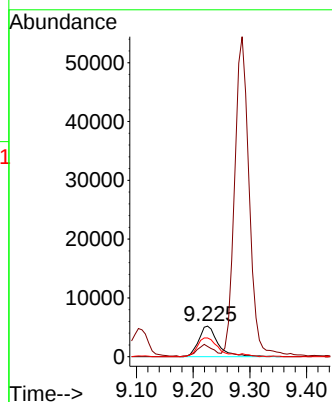
Tgt Ion: 88 Resp: 12344

Ion Ratio Lower Upper

88 100

43 34.3 24.6 37.0

58 65.8 59.6 89.4



#50

Toluene-d8

Concen: 53.688 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020560.D

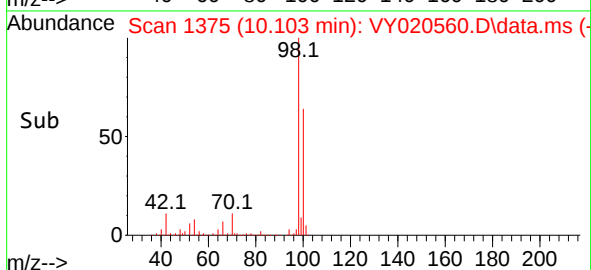
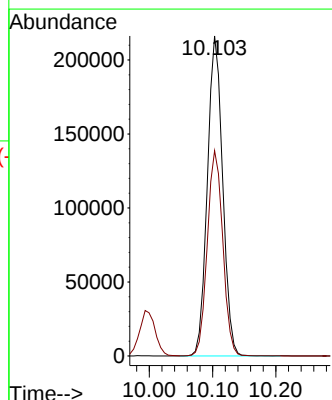
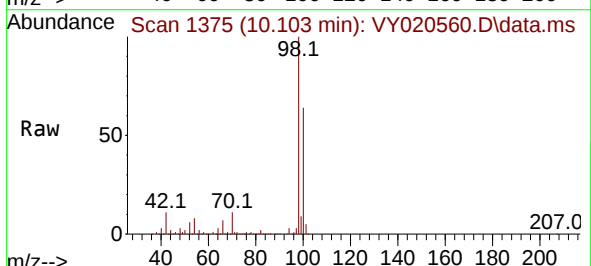
Acq: 10 Dec 2024 10:42

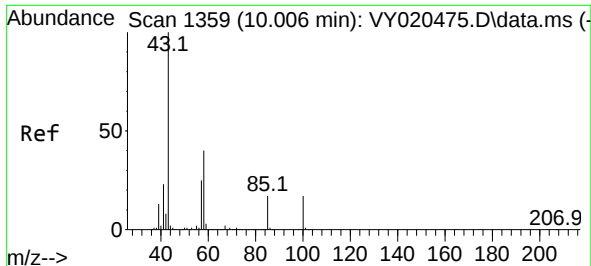
Tgt Ion: 98 Resp: 363152

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9

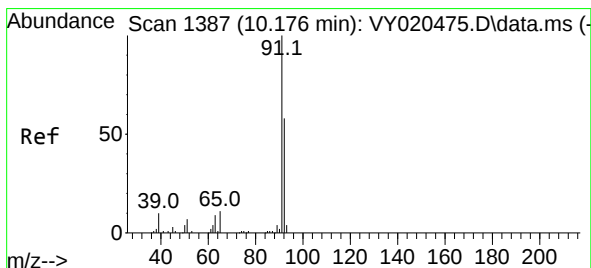
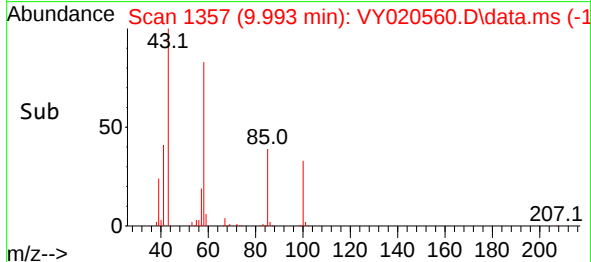
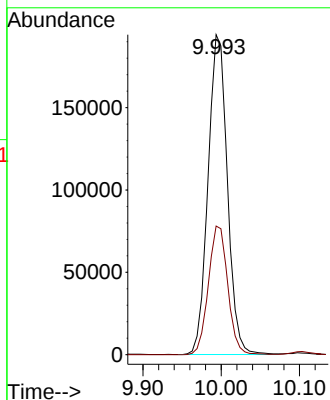
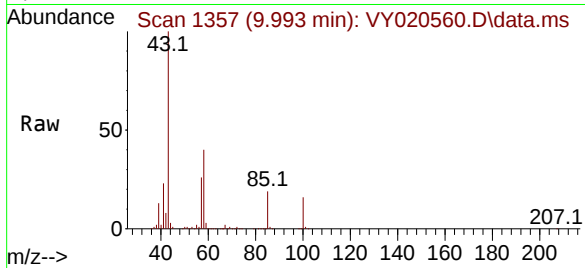




#51
4-Methyl-2-Pentanone
Concen: 281.217 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

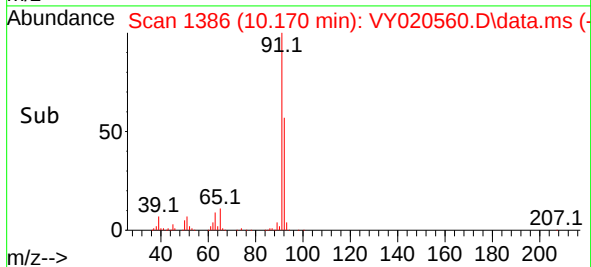
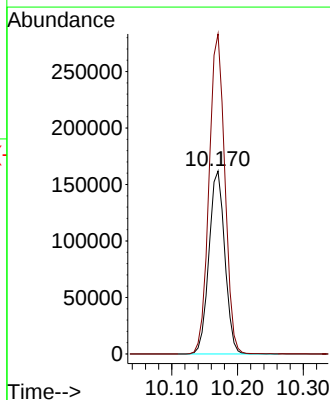
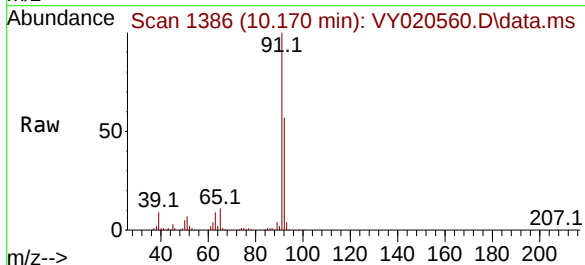
Instrument :
MSVOA_Y
ClientSampleId :

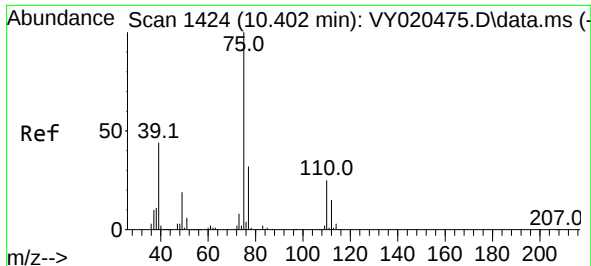
Tgt Ion: 43 Resp: 333283
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3



#52
Toluene
Concen: 49.200 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 92 Resp: 271497
Ion Ratio Lower Upper
92 100
91 174.2 139.7 209.5

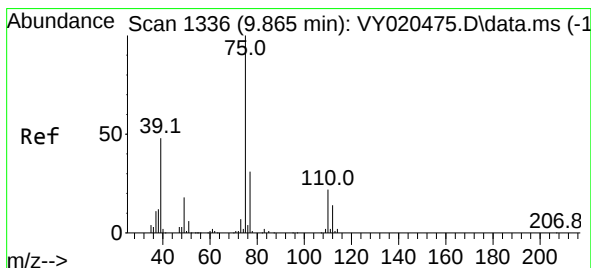
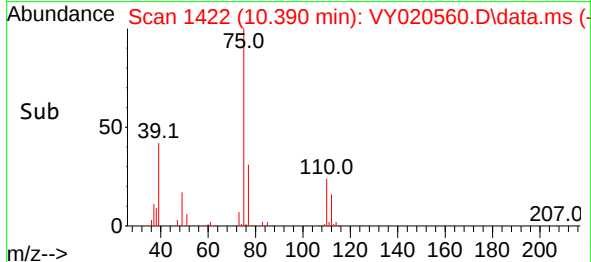
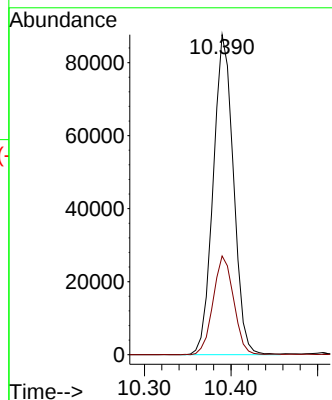
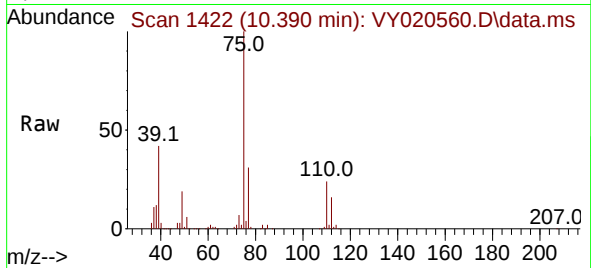




#53
 t-1,3-Dichloropropene
 Concen: 52.499 ug/l
 RT: 10.390 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: VY020560.D
 Acq: 10 Dec 2024 10:42

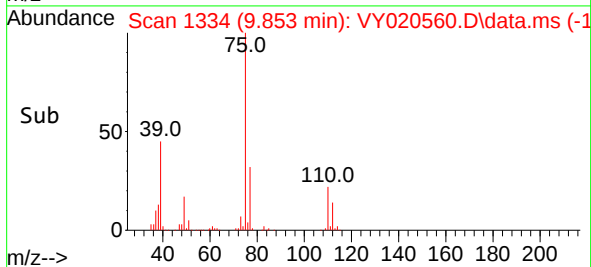
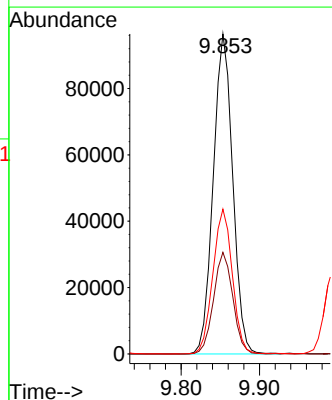
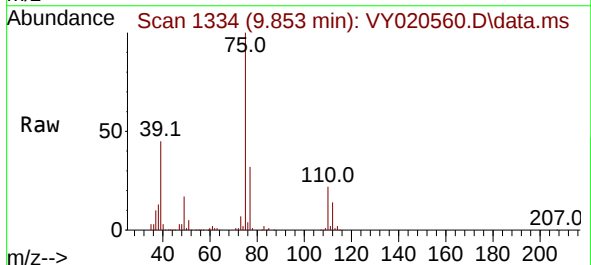
Instrument :
 MSVOA_Y
 ClientSampleId :

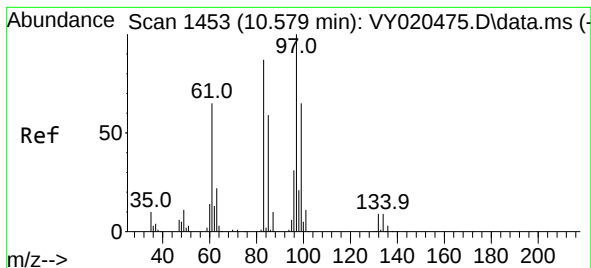
Tgt Ion: 75 Resp: 142302
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.944 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.012 min
 Lab File: VY020560.D
 Acq: 10 Dec 2024 10:42

Tgt Ion: 75 Resp: 166397
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4
 39 45.3 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 52.773 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 72140

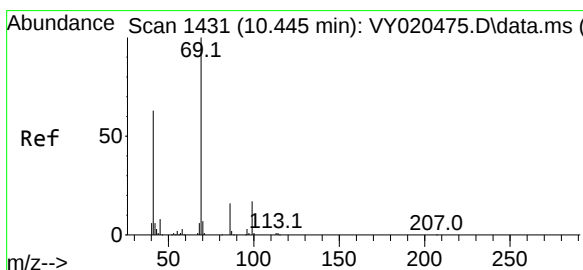
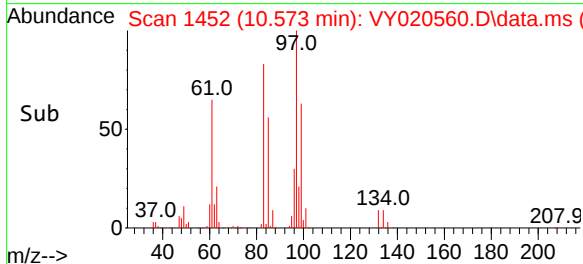
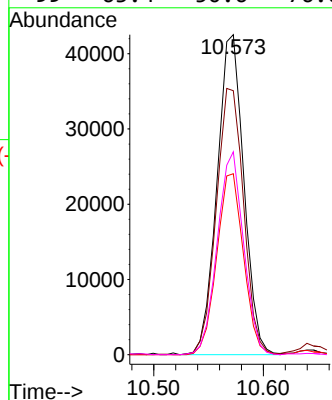
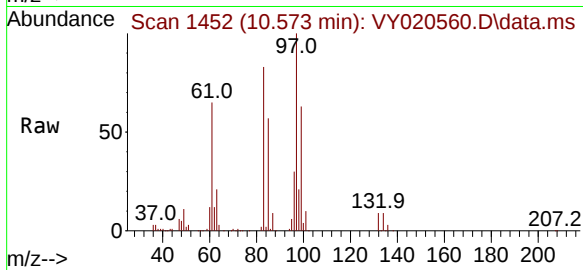
Ion Ratio Lower Upper

97 100

83 82.5 70.8 106.2

85 56.5 44.9 67.3

99 63.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 56.266 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

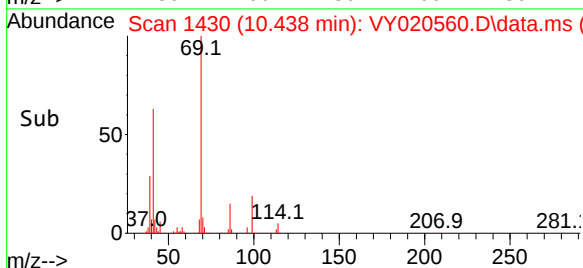
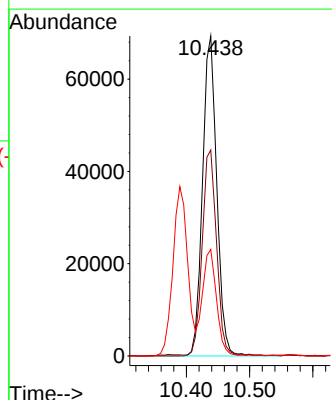
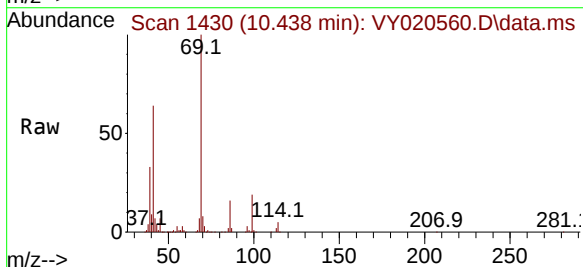
Tgt Ion: 69 Resp: 108830

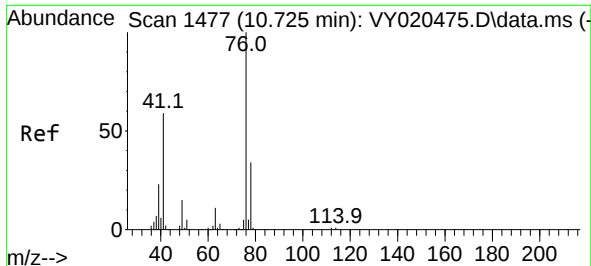
Ion Ratio Lower Upper

69 100

41 64.5 56.1 84.1

39 33.0 29.7 44.5





#57

1,3-Dichloropropane

Concen: 52.190 ug/l

RT: 10.713 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

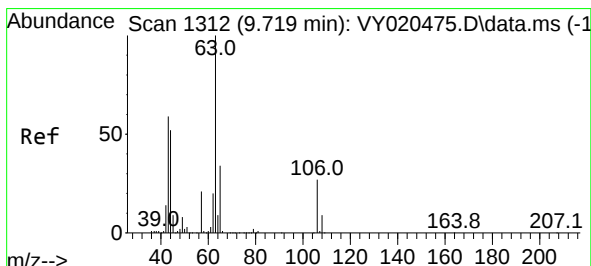
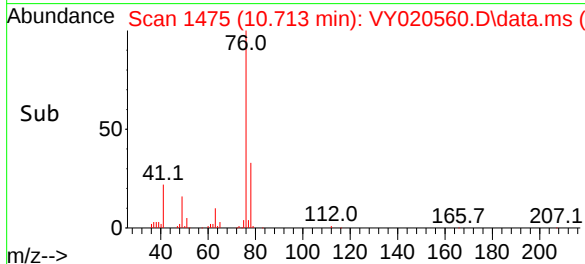
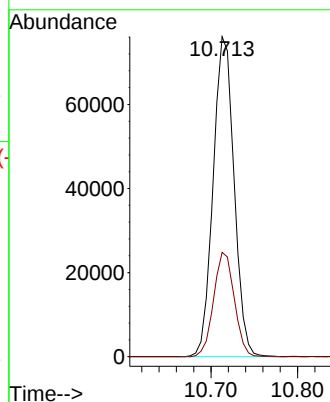
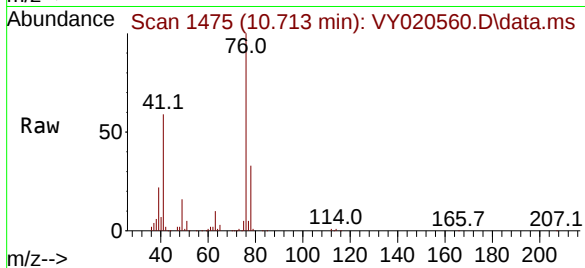
ClientSampleId :

Tgt Ion: 76 Resp: 127753

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 298.396 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020560.D

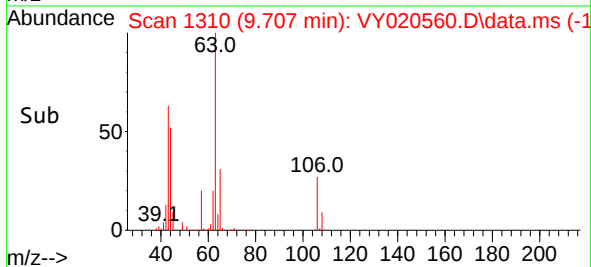
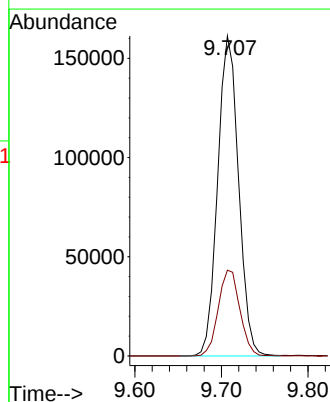
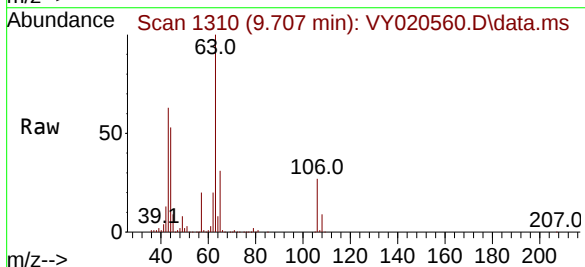
Acq: 10 Dec 2024 10:42

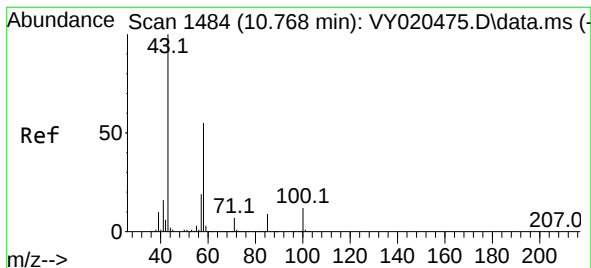
Tgt Ion: 63 Resp: 270230

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4

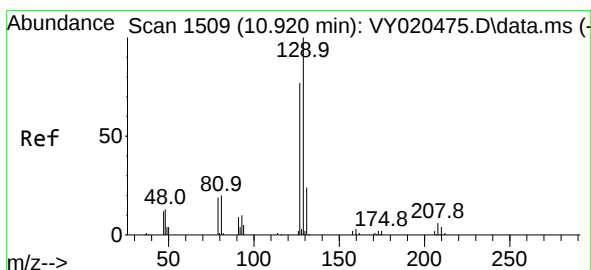
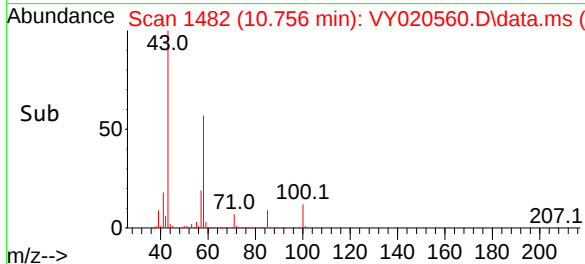
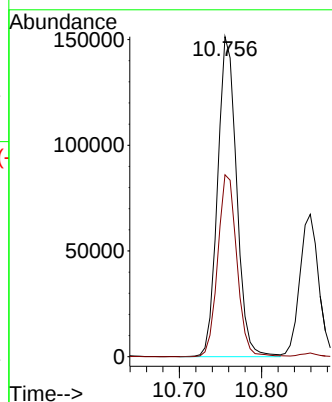
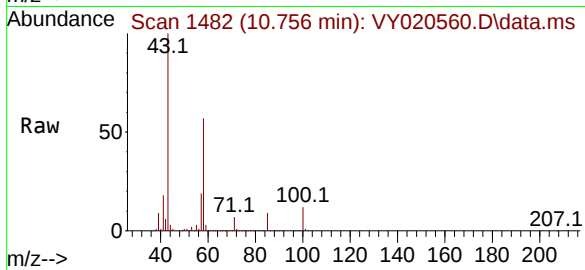




#59
2-Hexanone
Concen: 284.373 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

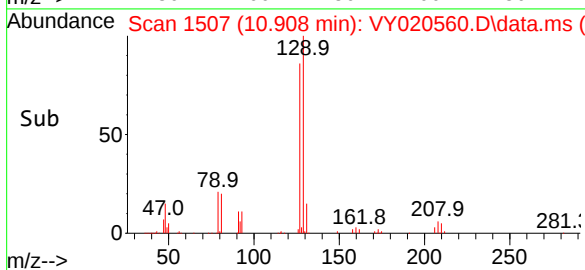
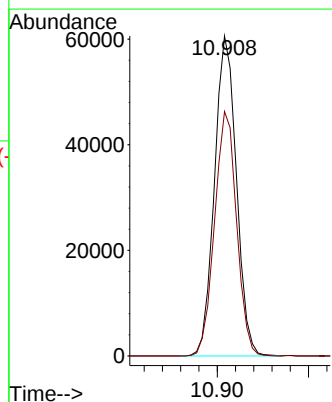
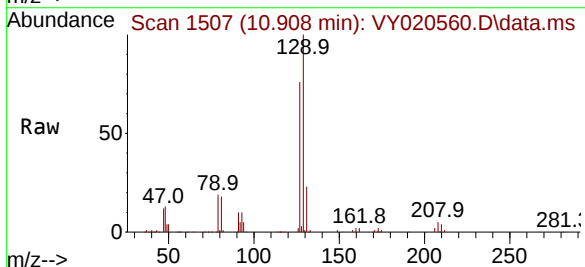
Instrument :
MSVOA_Y
ClientSampleId :

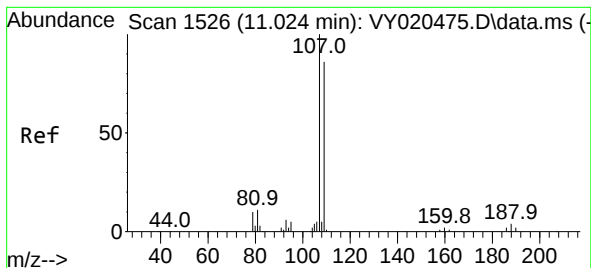
Tgt Ion: 43 Resp: 243132
Ion Ratio Lower Upper
43 100
58 57.1 26.4 79.2



#60
Dibromochloromethane
Concen: 53.001 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 129 Resp: 100871
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

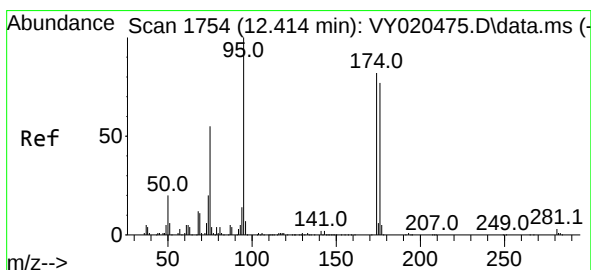
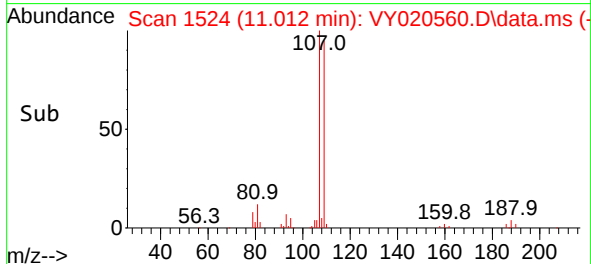
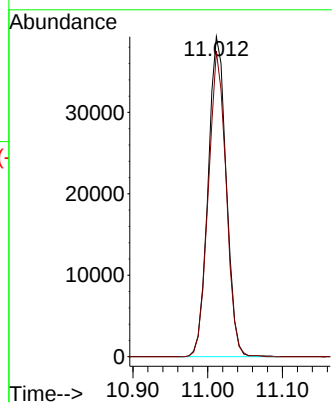
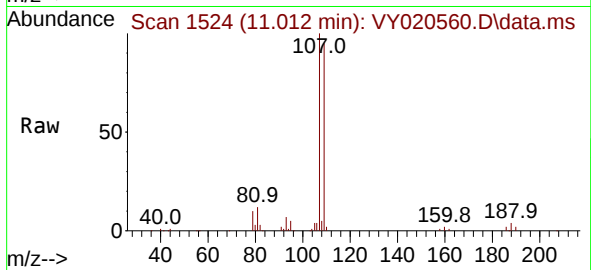




#61
1,2-Dibromoethane
Concen: 53.031 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

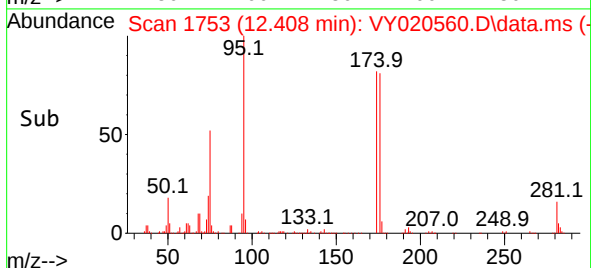
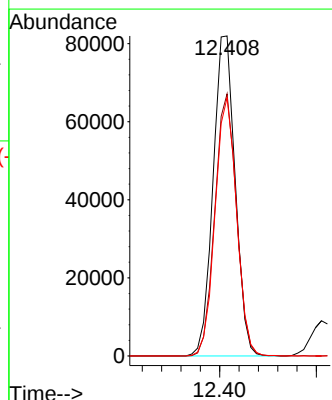
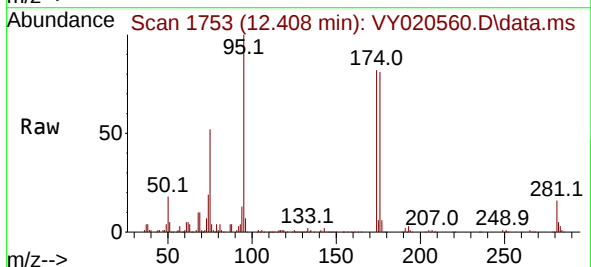
Instrument :
MSVOA_Y
ClientSampleId :

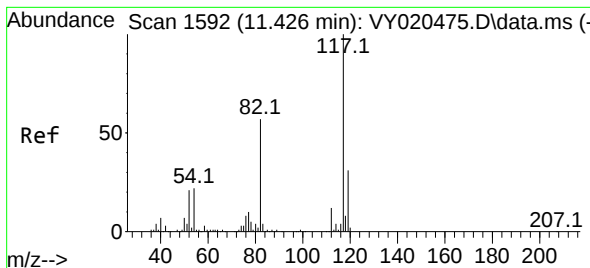
Tgt Ion:107 Resp: 66293
Ion Ratio Lower Upper
107 100
109 93.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 54.879 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 95 Resp: 129829
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.8
176 78.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

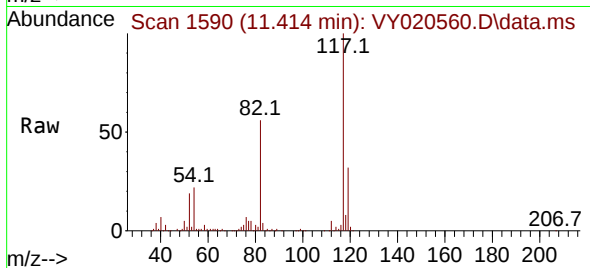
Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :



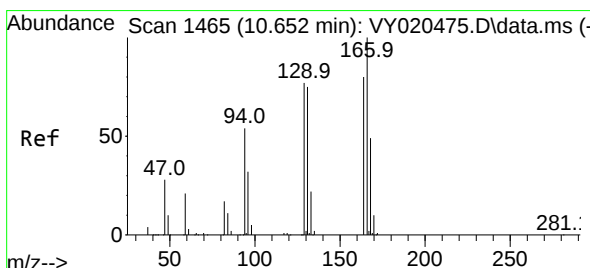
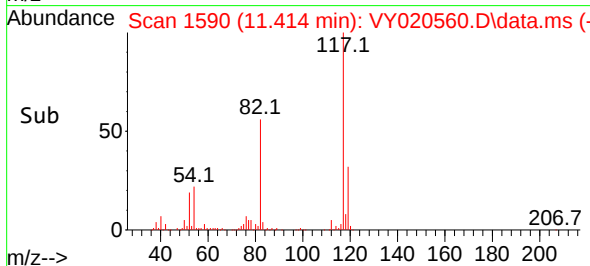
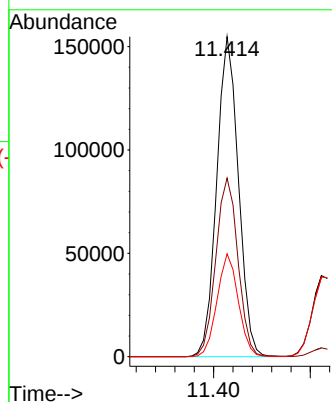
Tgt Ion:117 Resp: 241362

Ion Ratio Lower Upper

117 100

82 55.8 48.2 72.4

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 45.220 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Tgt Ion:164 Resp: 92224

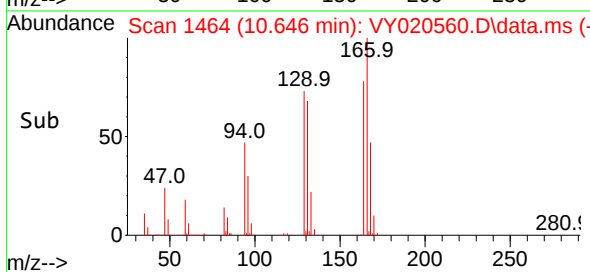
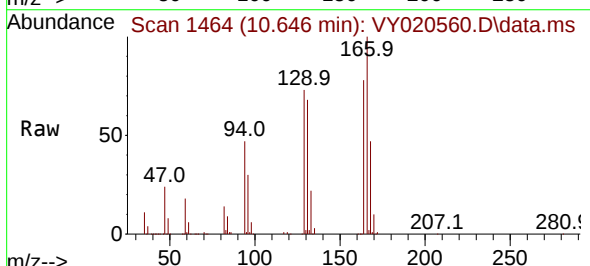
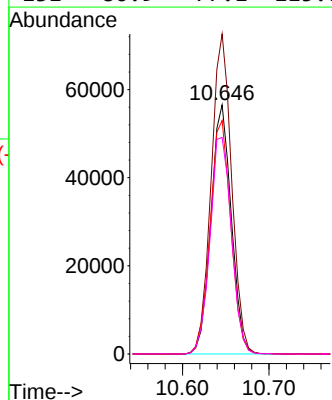
Ion Ratio Lower Upper

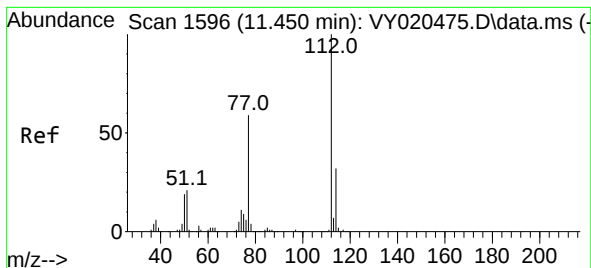
164 100

166 128.4 103.8 155.8

129 93.7 79.0 118.4

131 86.9 77.1 115.7





#65

Chlorobenzene

Concen: 47.899 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

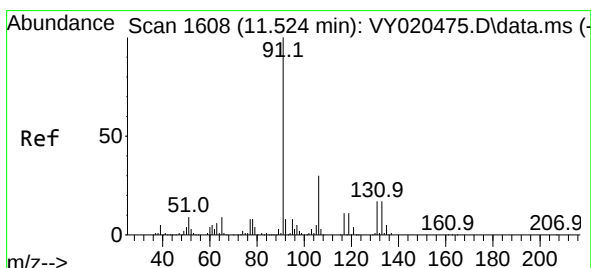
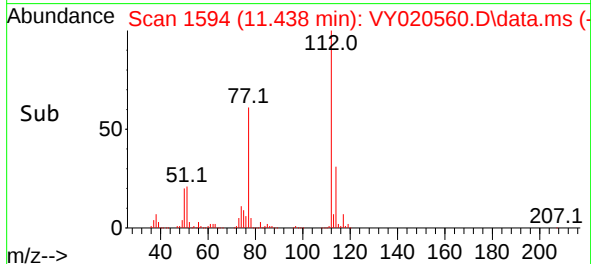
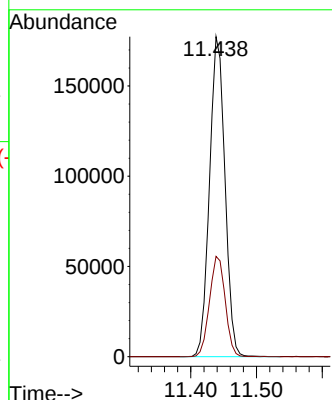
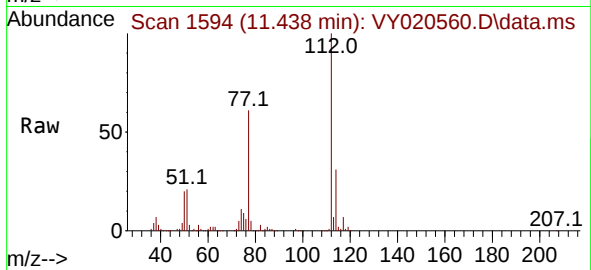
ClientSampleId :

Tgt Ion:112 Resp: 289782

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.452 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

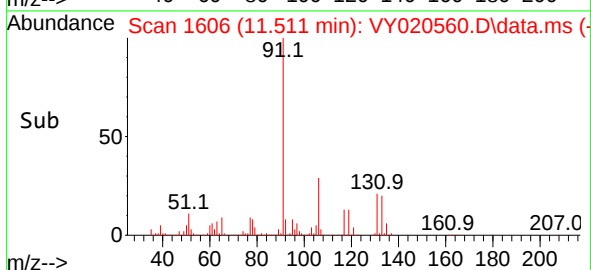
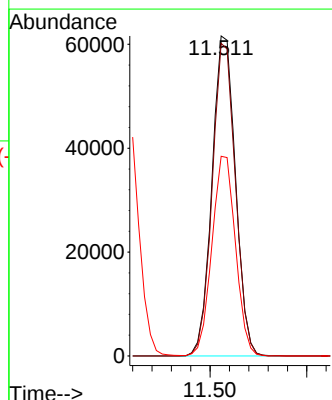
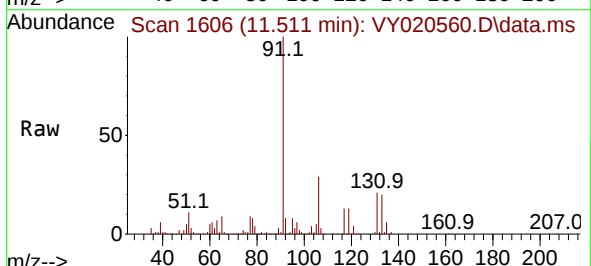
Tgt Ion:131 Resp: 103955

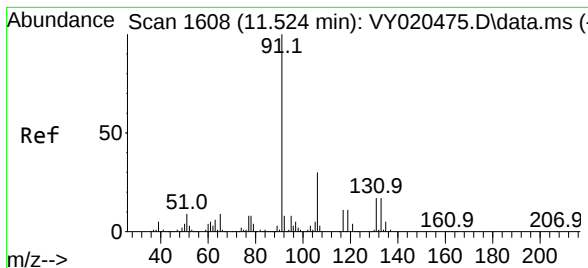
Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

119 62.7 32.5 97.5





#67

Ethyl Benzene

Concen: 46.819 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

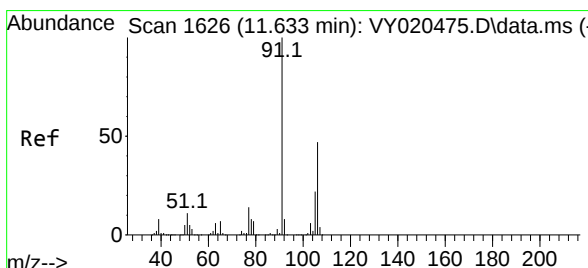
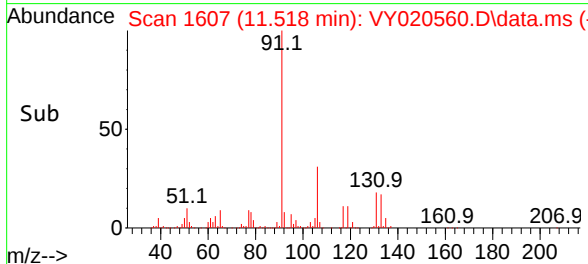
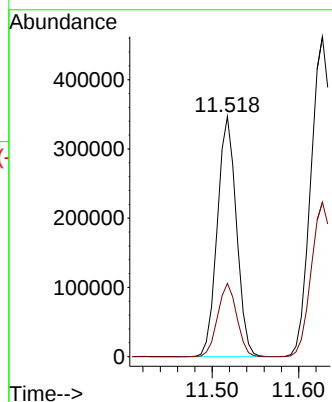
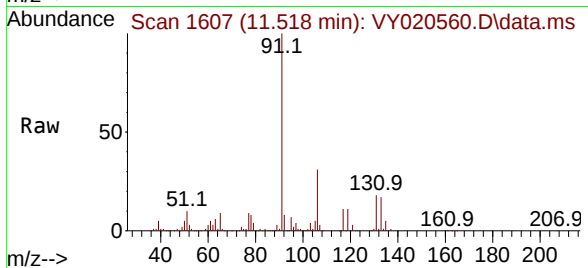
ClientSampleId :

Tgt Ion: 91 Resp: 530925

Ion Ratio Lower Upper

91 100

106 30.5 23.9 35.9



#68

m/p-Xylenes

Concen: 94.993 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020560.D

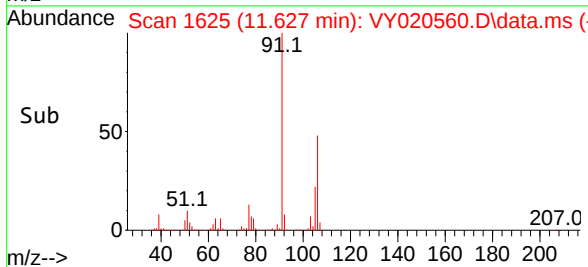
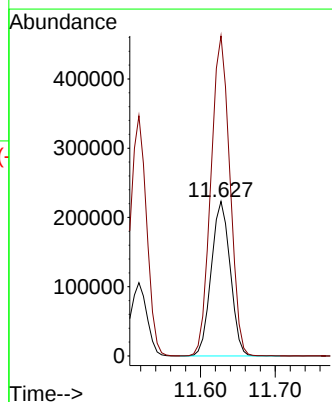
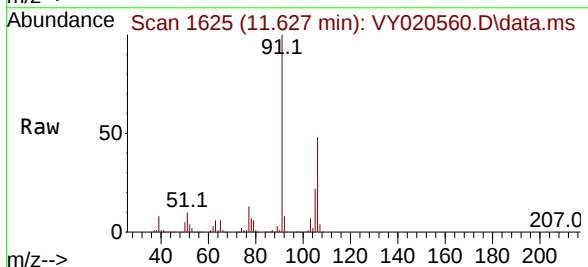
Acq: 10 Dec 2024 10:42

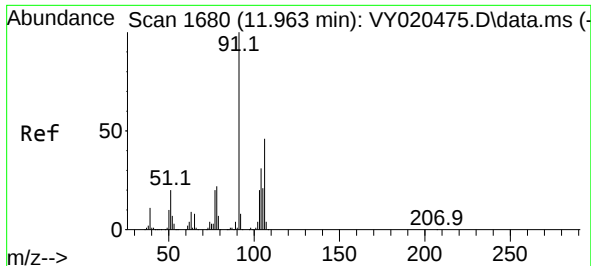
Tgt Ion:106 Resp: 394449

Ion Ratio Lower Upper

106 100

91 207.1 166.0 249.0

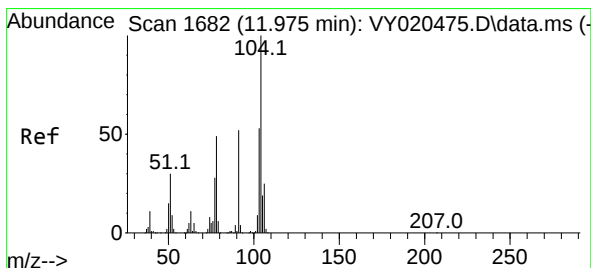
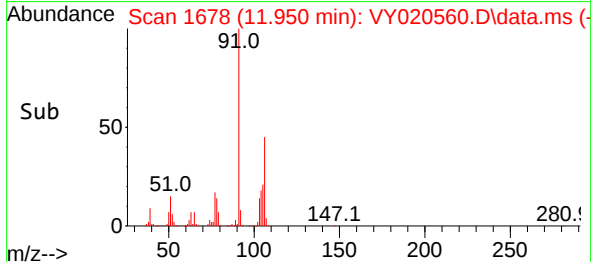
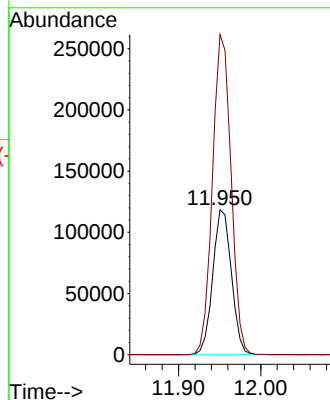
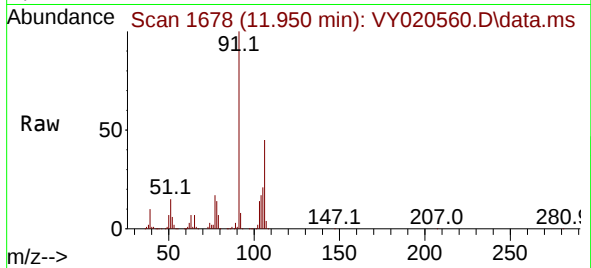




#69
o-Xylene
Concen: 47.994 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

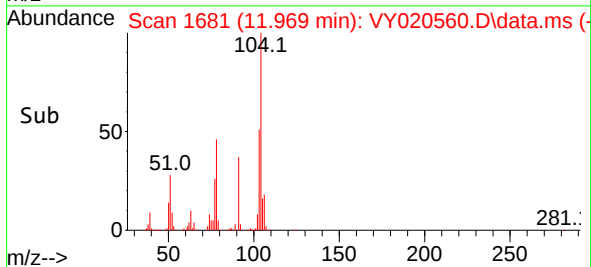
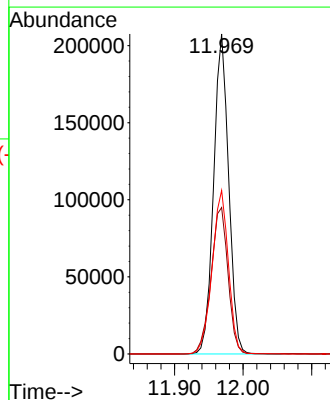
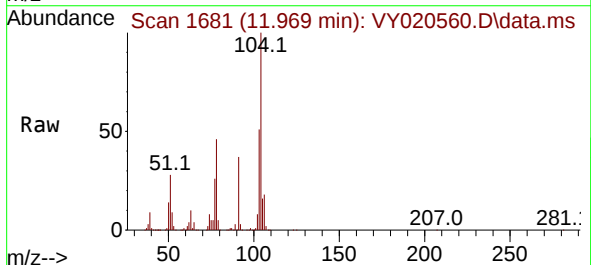
Instrument :
MSVOA_Y
ClientSampleId :

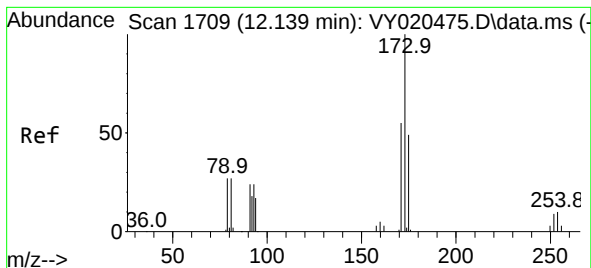
Tgt Ion:106 Resp: 186701
Ion Ratio Lower Upper
106 100
91 220.2 110.0 330.0



#70
Styrene
Concen: 48.795 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion:104 Resp: 316687
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 52.434 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

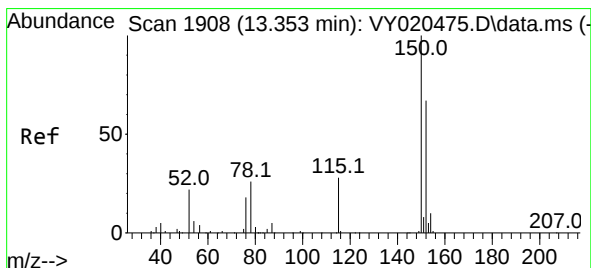
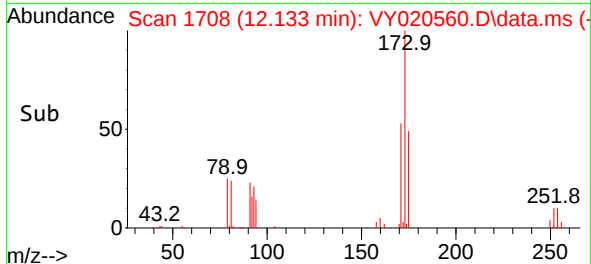
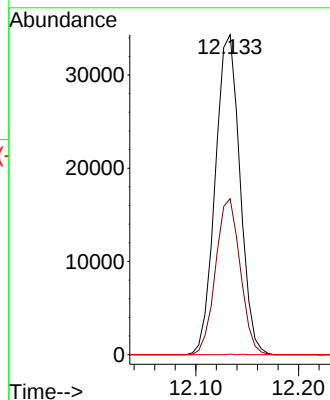
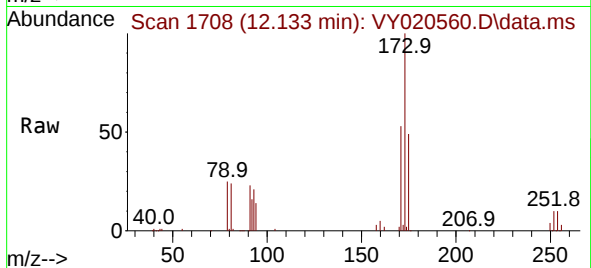
Tgt Ion:173 Resp: 57198

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

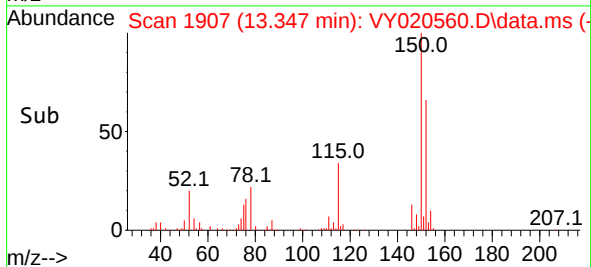
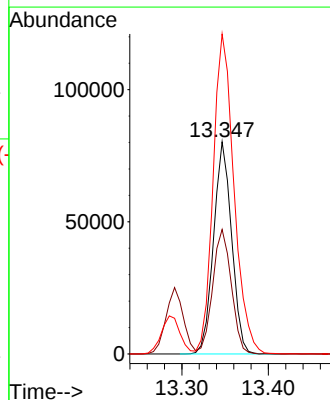
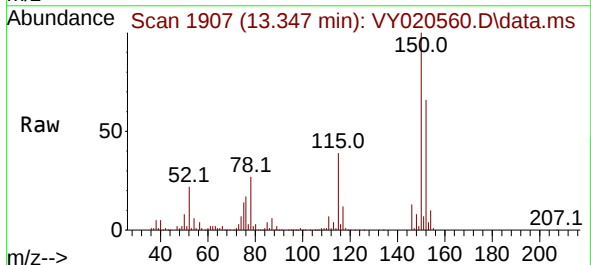
Tgt Ion:152 Resp: 116370

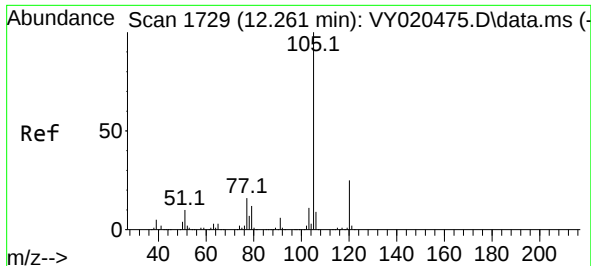
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 173.9 0.0 348.2

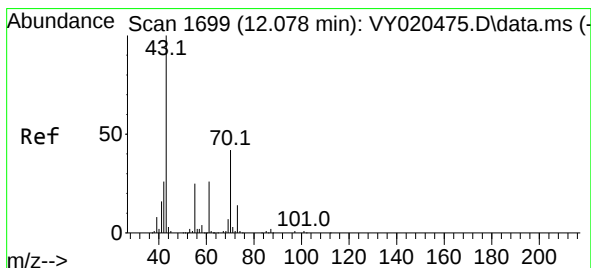
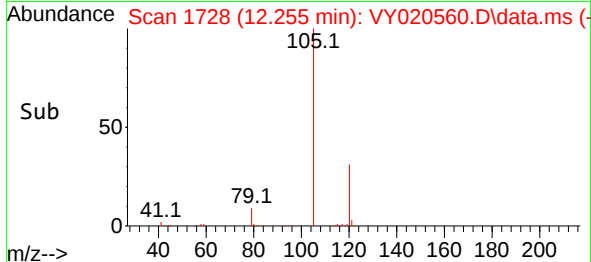
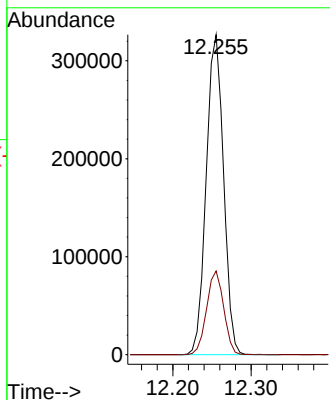
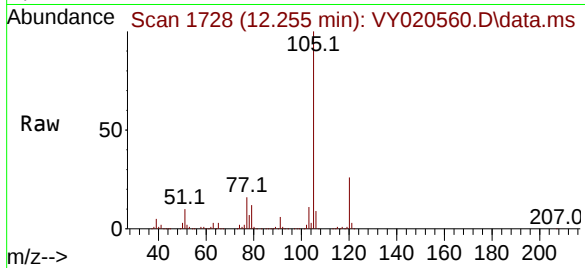




#73
Isopropylbenzene
Concen: 44.436 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

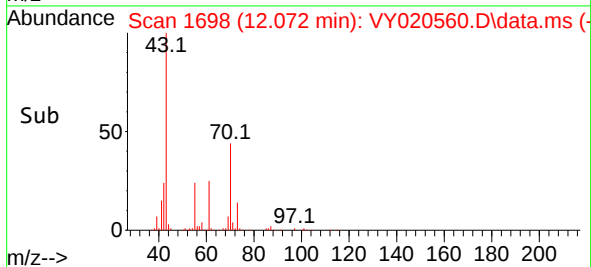
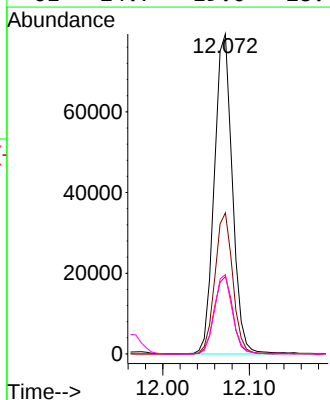
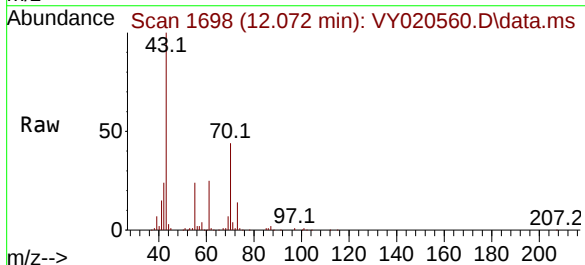
Instrument :
MSVOA_Y
ClientSampleId :

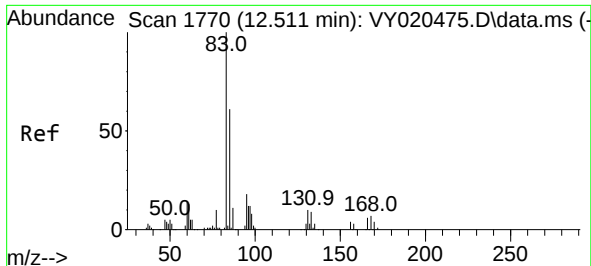
Tgt Ion:105 Resp: 500318
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1



#74
N-ethyl acetate
Concen: 52.004 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 43 Resp: 114763
Ion Ratio Lower Upper
43 100
70 43.7 32.9 49.3
55 25.0 19.3 28.9
61 24.7 19.0 28.4

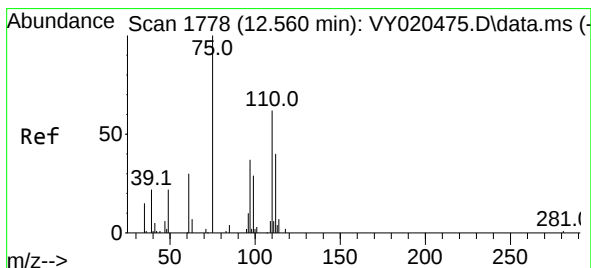
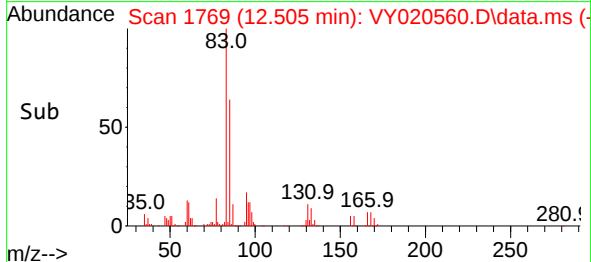
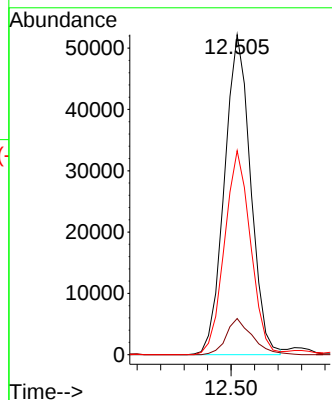
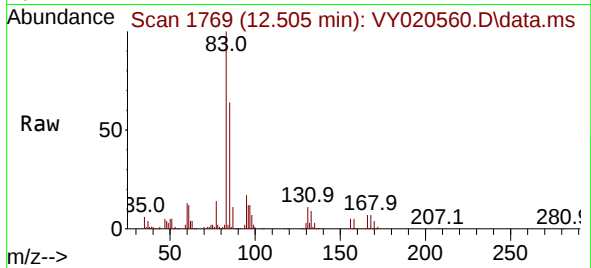




#75
1,1,2,2-Tetrachloroethane
Concen: 49.846 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

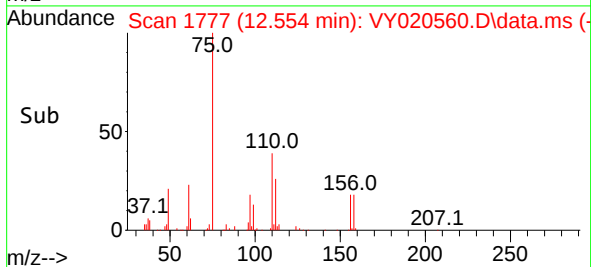
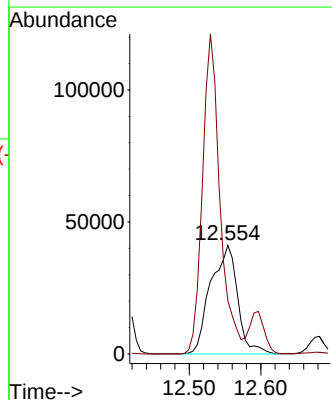
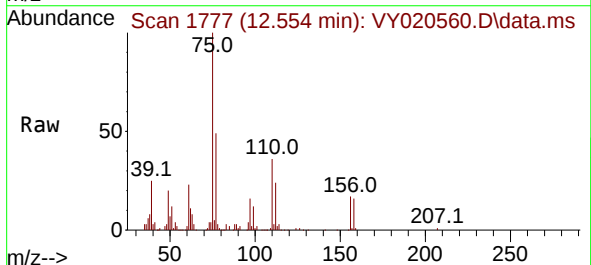
Instrument :
MSVOA_Y
ClientSampleId :

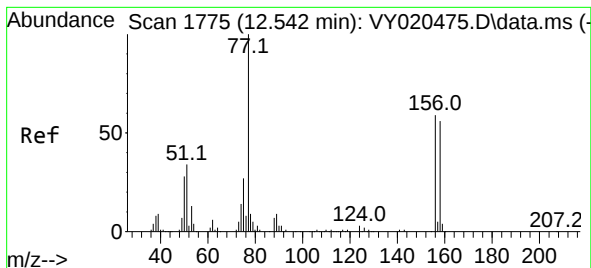
Tgt Ion: 83 Resp: 80711
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.4
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 90.875 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 75 Resp: 107727
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.869 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

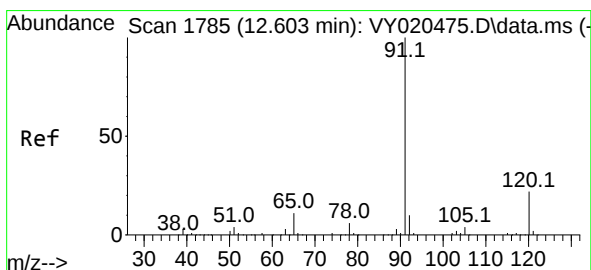
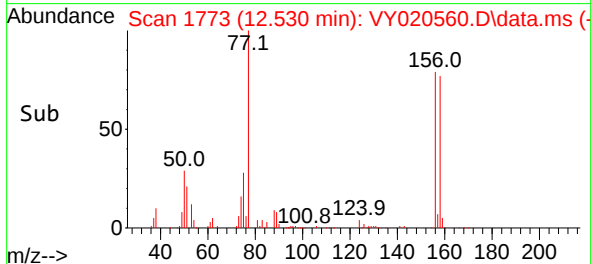
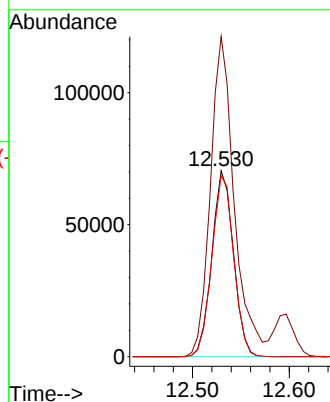
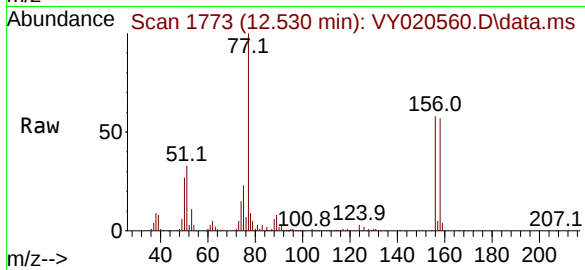
Tgt Ion:156 Resp: 109284

Ion Ratio Lower Upper

156 100

77 188.8 97.2 291.6

158 98.4 47.8 143.4



#78

n-propylbenzene

Concen: 44.446 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020560.D

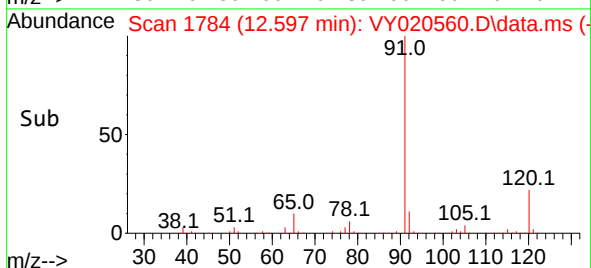
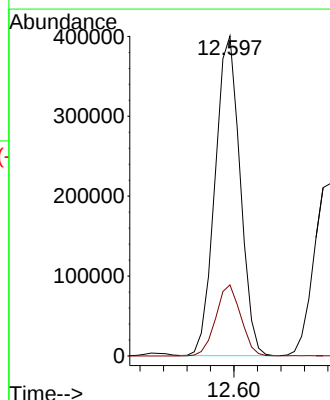
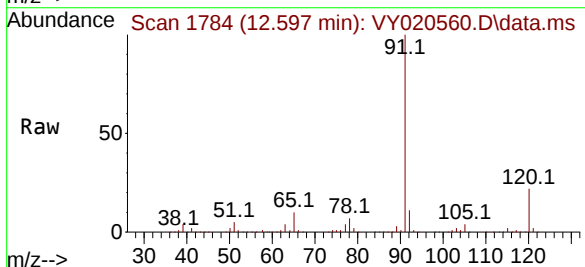
Acq: 10 Dec 2024 10:42

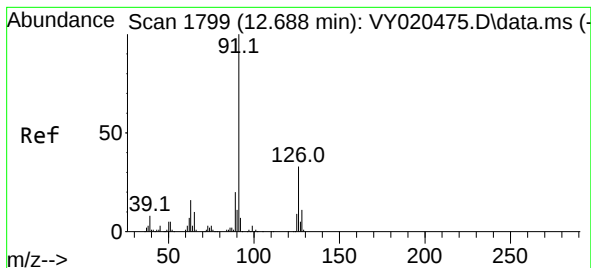
Tgt Ion: 91 Resp: 592505

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6





#79

2-Chlorotoluene

Concen: 45.435 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

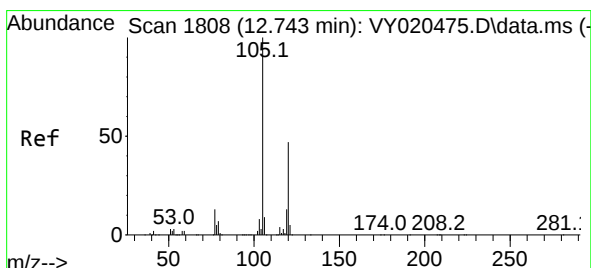
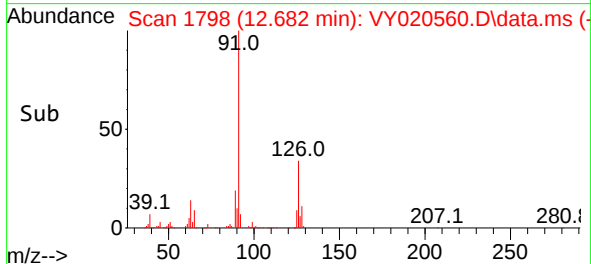
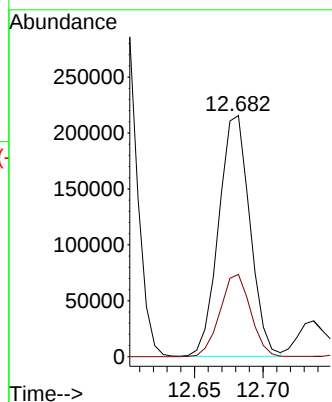
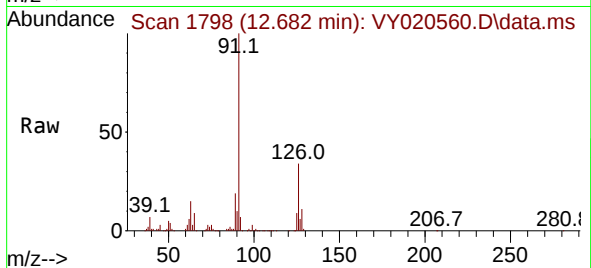
ClientSampleId :

Tgt Ion: 91 Resp: 341771

Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 45.063 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020560.D

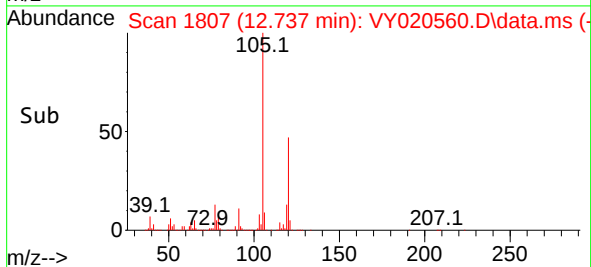
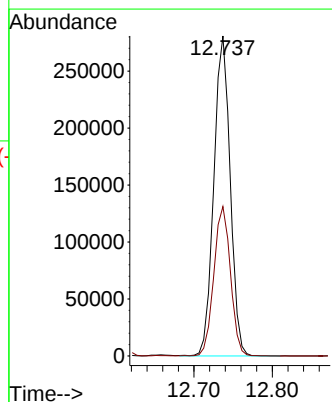
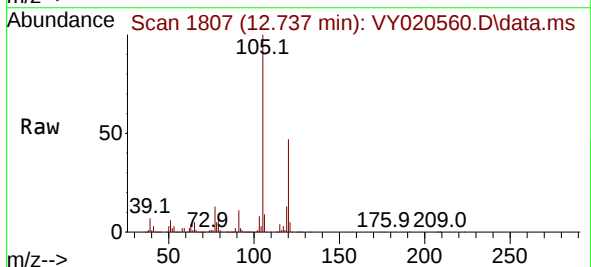
Acq: 10 Dec 2024 10:42

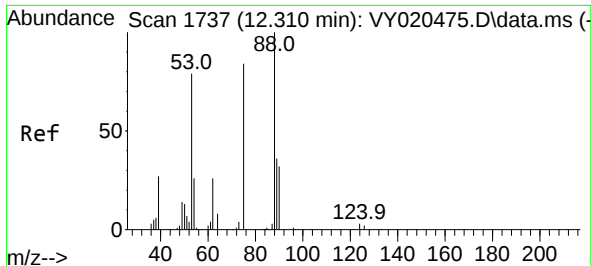
Tgt Ion: 105 Resp: 406605

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.8

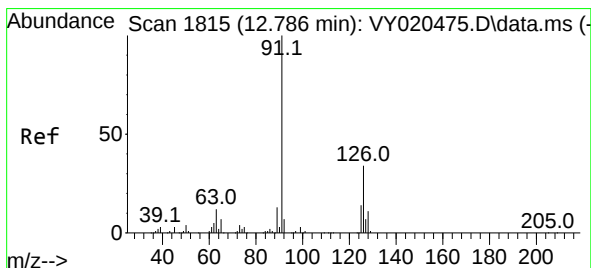
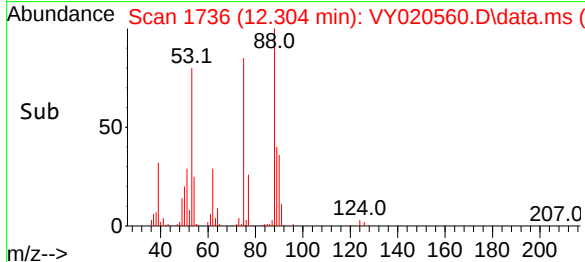
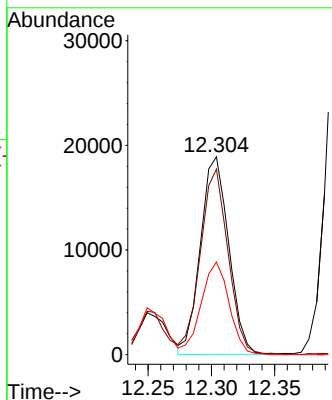
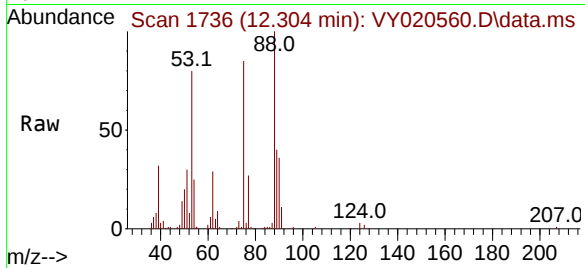




#81
trans-1,4-Dichloro-2-butene
Concen: 50.901 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

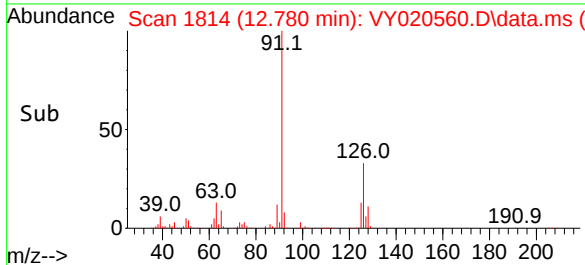
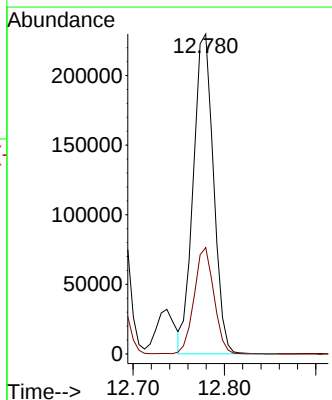
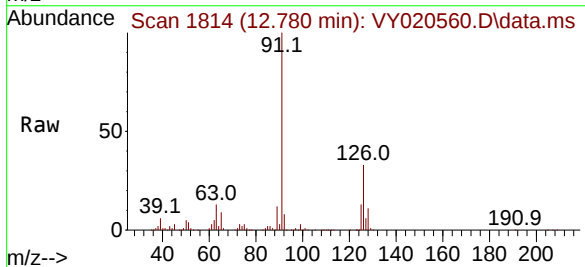
Instrument :
MSVOA_Y
ClientSampleId :

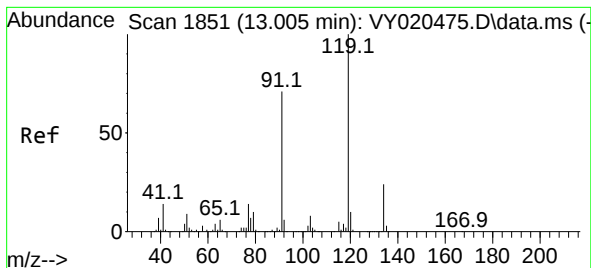
Tgt Ion: 75 Resp: 29408
Ion Ratio Lower Upper
75 100
53 92.4 81.1 121.7
89 46.3 35.1 52.7



#82
4-Chlorotoluene
Concen: 45.919 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 91 Resp: 352485
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 45.432 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

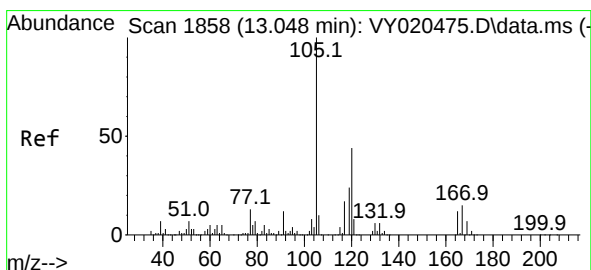
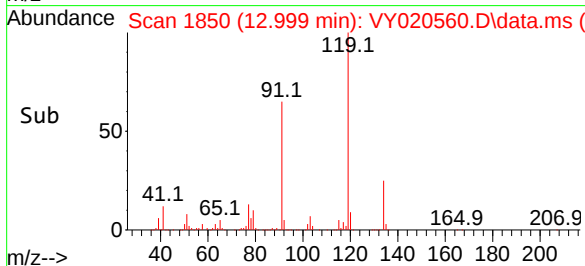
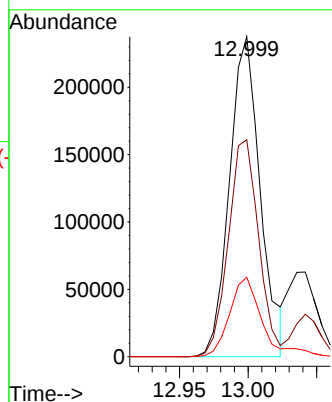
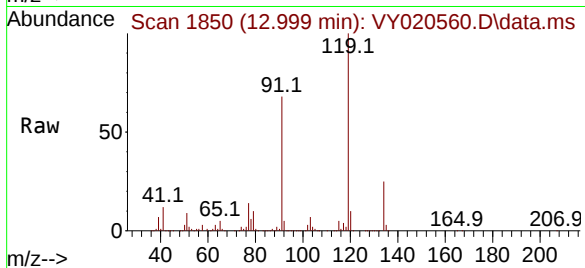
Tgt Ion:119 Resp: 370618

Ion Ratio Lower Upper

119 100

91 66.8 33.3 99.9

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 45.718 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020560.D

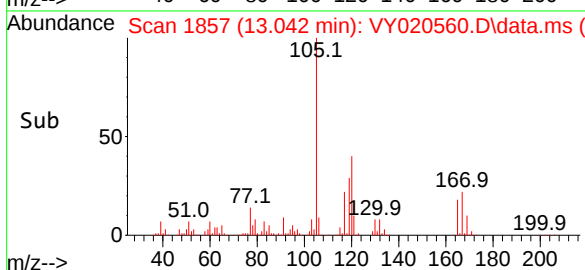
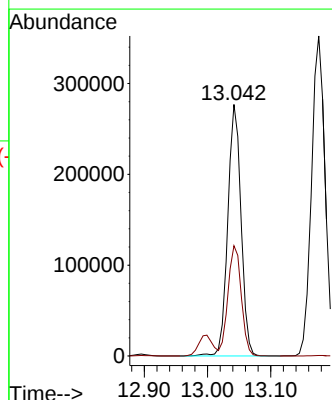
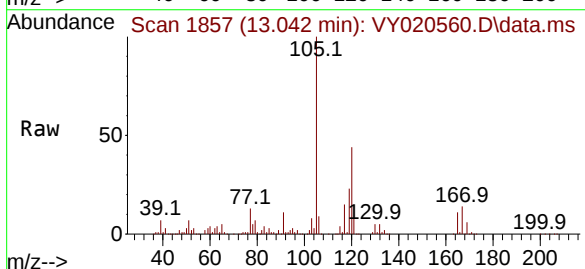
Acq: 10 Dec 2024 10:42

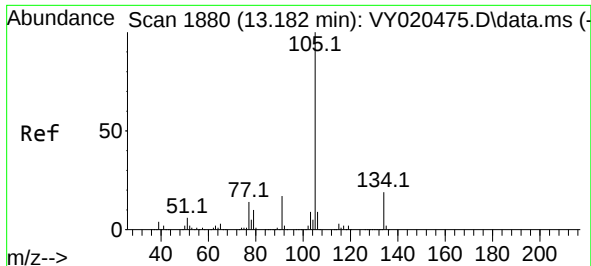
Tgt Ion:105 Resp: 400948

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0

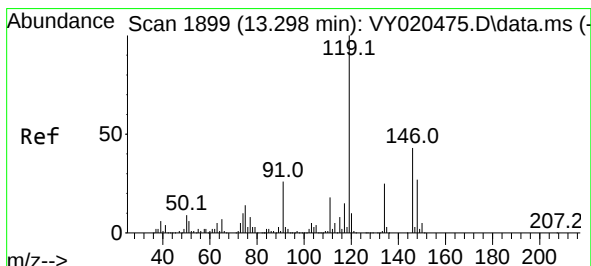
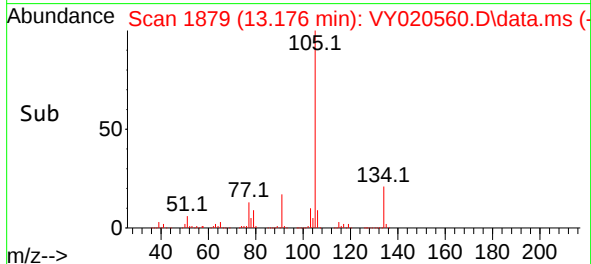
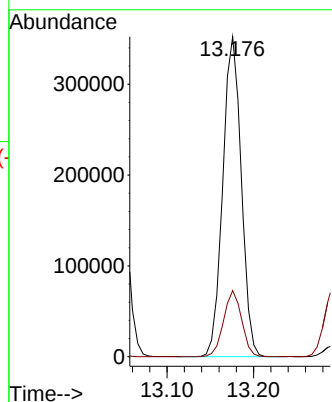
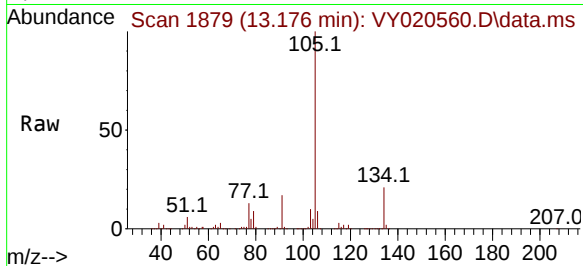




#85
 sec-Butylbenzene
 Concen: 44.637 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY020560.D
 Acq: 10 Dec 2024 10:42

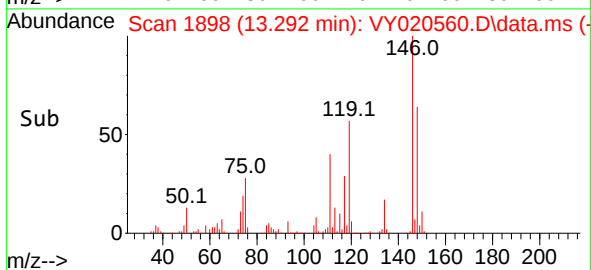
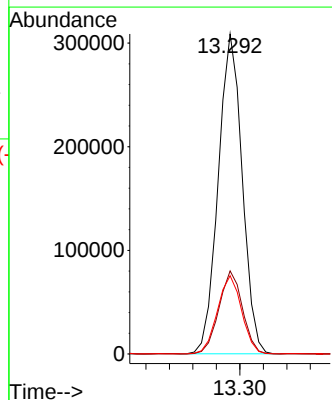
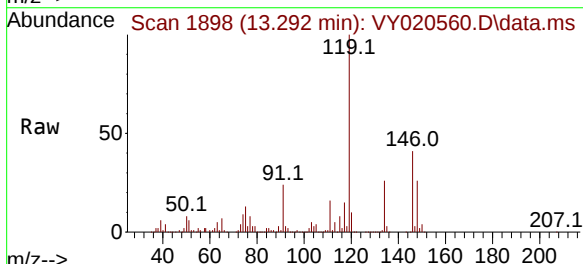
Instrument :
 MSVOA_Y
 ClientSampleId :

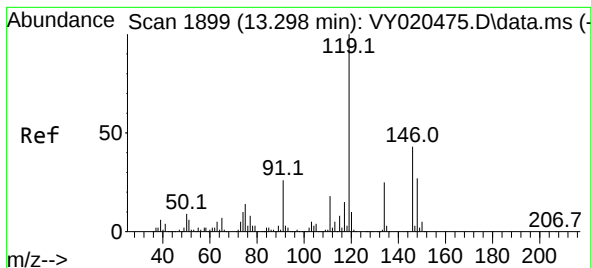
Tgt Ion:105 Resp: 521855
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 45.273 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY020560.D
 Acq: 10 Dec 2024 10:42

Tgt Ion:119 Resp: 437382
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.6 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 47.459 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

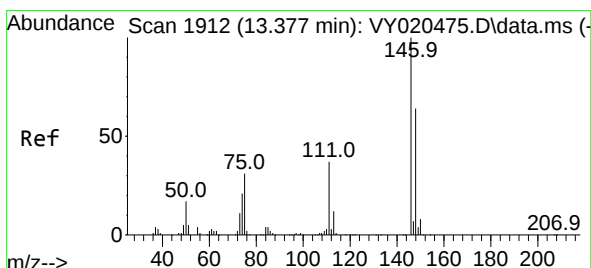
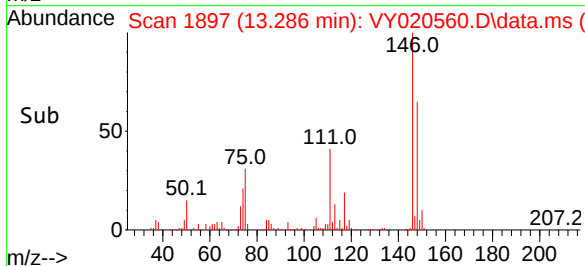
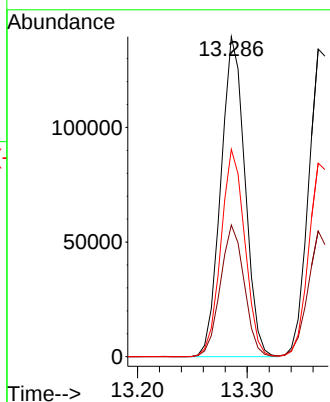
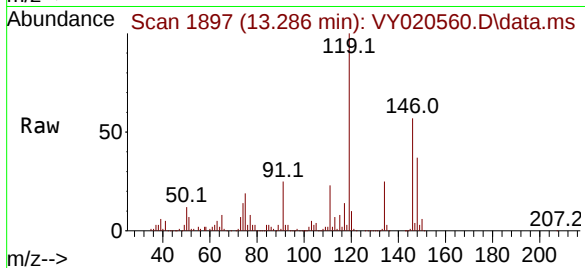
Tgt Ion:146 Resp: 213415

Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.6

148 64.1 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 47.650 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

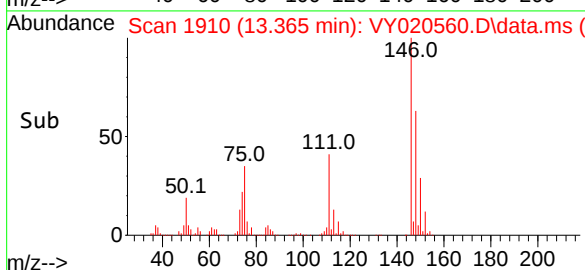
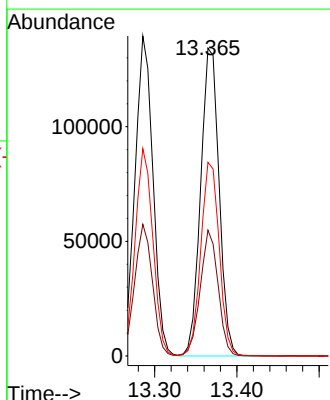
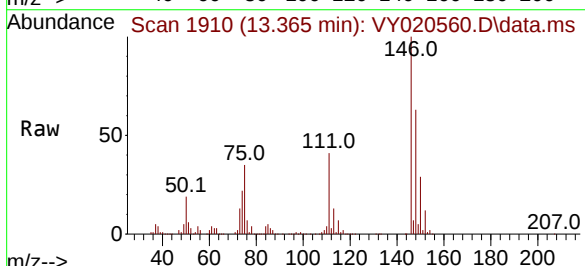
Tgt Ion:146 Resp: 209766

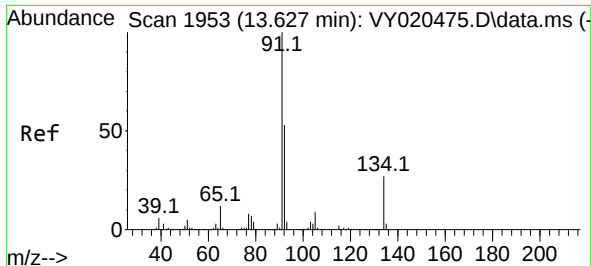
Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.6

148 62.8 32.0 96.2

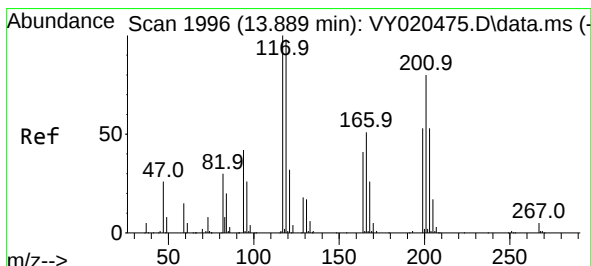
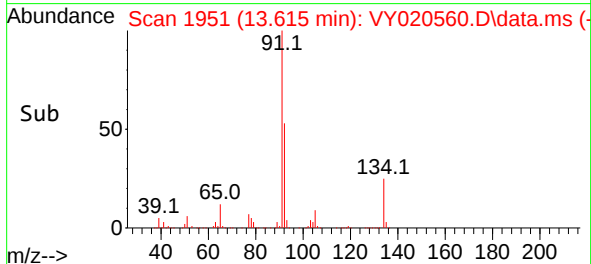
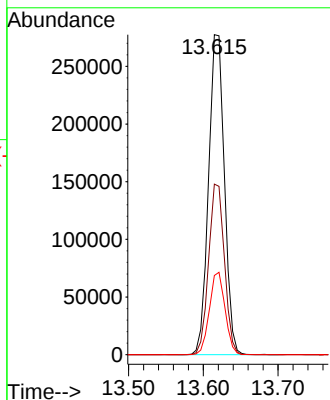
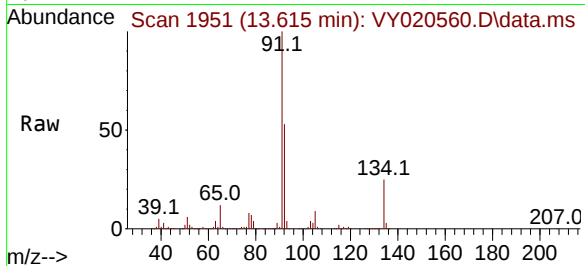




#89
n-Butylbenzene
Concen: 45.633 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.012 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

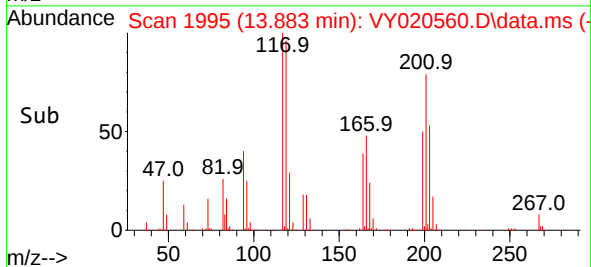
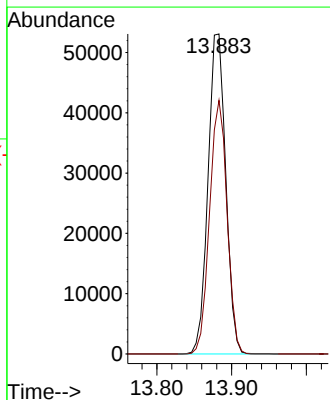
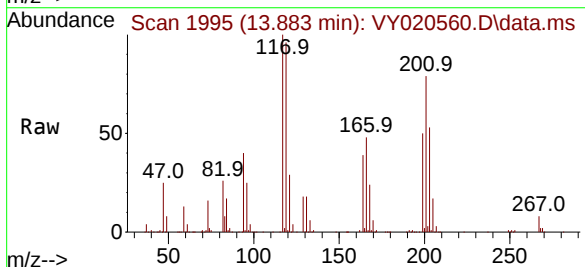
Instrument :
MSVOA_Y
ClientSampleId :

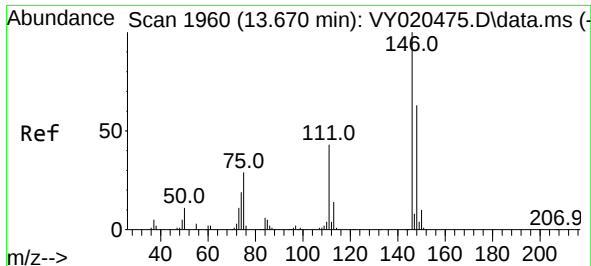
Tgt Ion: 91 Resp: 408886
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 25.4 12.2 36.4



#90
Hexachloroethane
Concen: 46.481 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY020560.D
Acq: 10 Dec 2024 10:42

Tgt Ion: 117 Resp: 87513
Ion Ratio Lower Upper
117 100
201 78.0 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 48.184 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

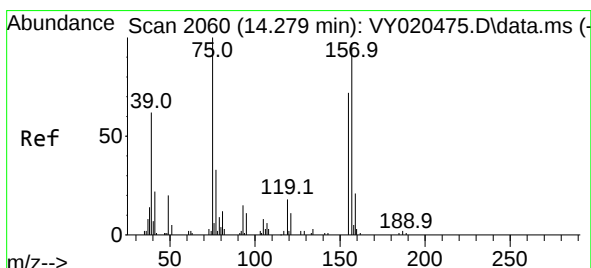
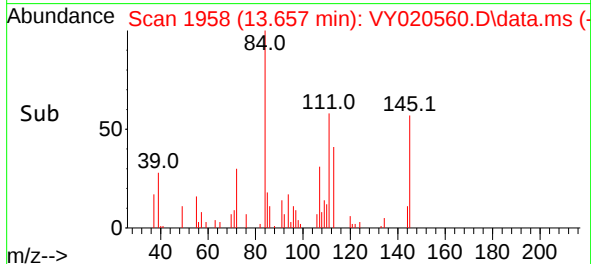
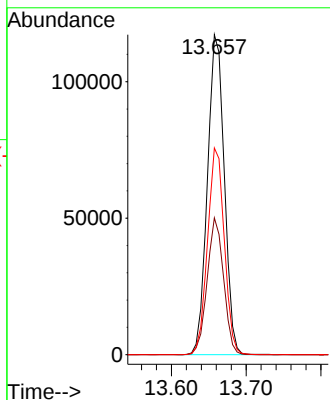
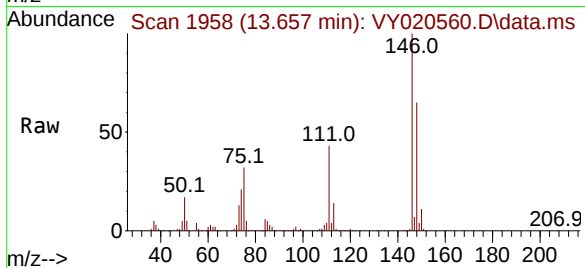
Tgt Ion:146 Resp: 183747

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.929 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

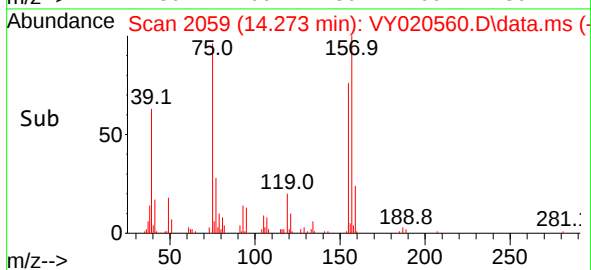
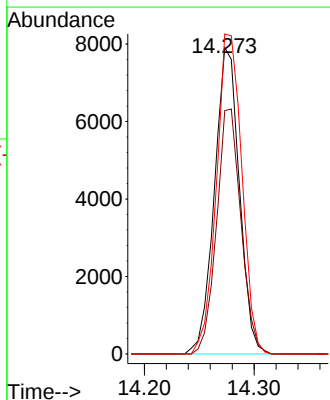
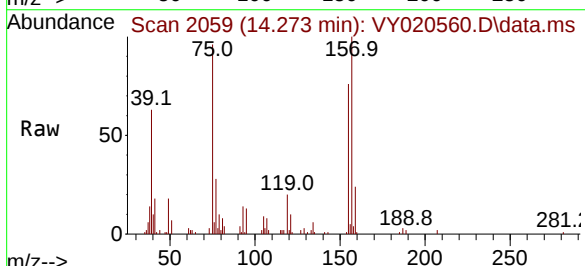
Tgt Ion: 75 Resp: 12484

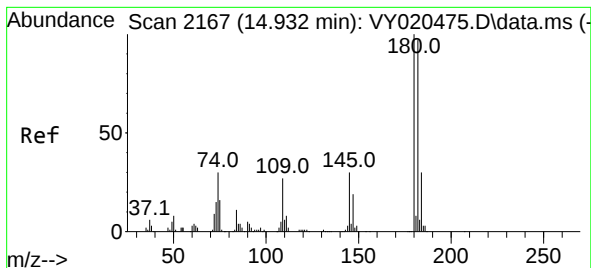
Ion Ratio Lower Upper

75 100

155 78.4 39.7 119.1

157 106.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 50.102 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

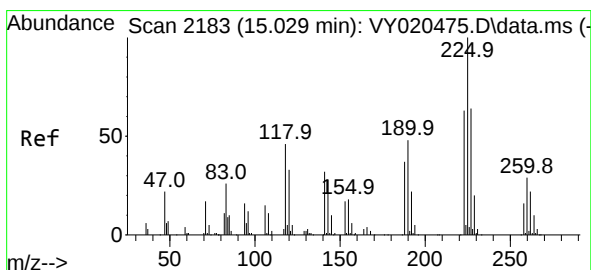
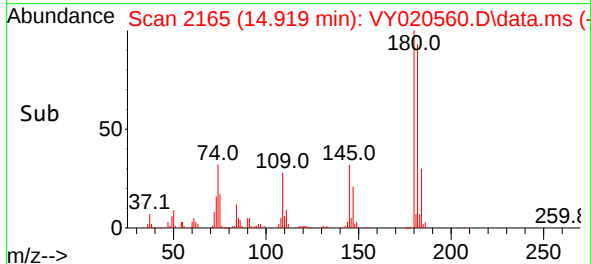
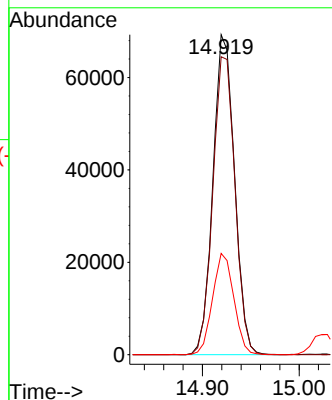
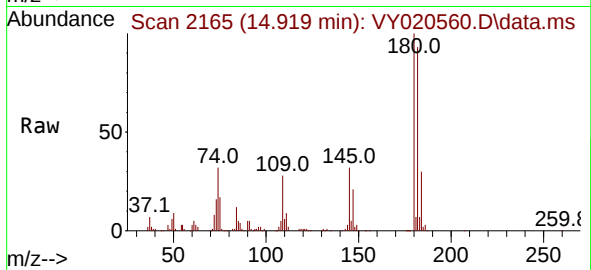
Tgt Ion:180 Resp: 107436

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

145 31.2 15.8 47.3



#94

Hexachlorobutadiene

Concen: 48.076 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

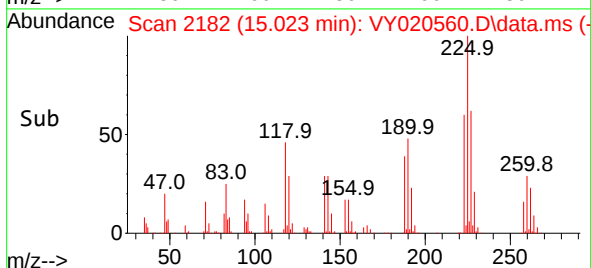
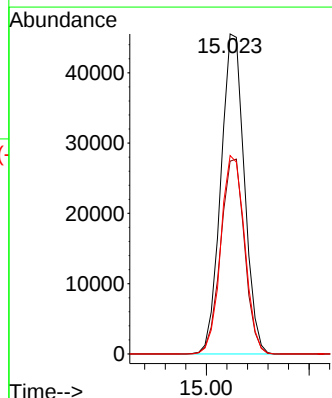
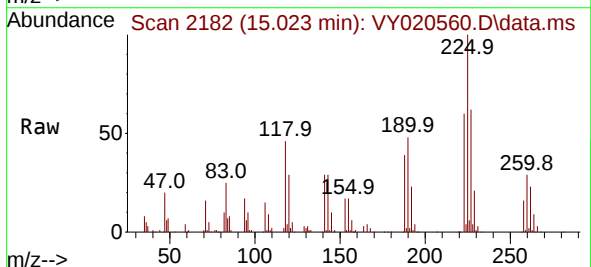
Tgt Ion:225 Resp: 72120

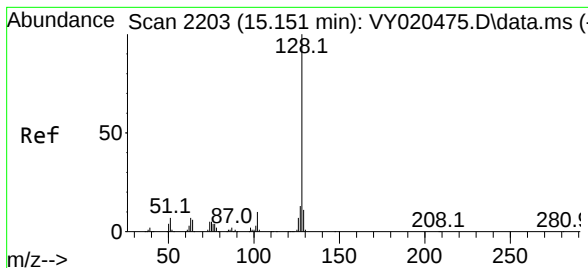
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.5

227 62.9 32.3 96.8





#95

Naphthalene

Concen: 54.213 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

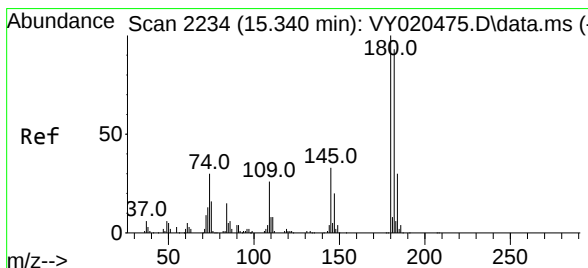
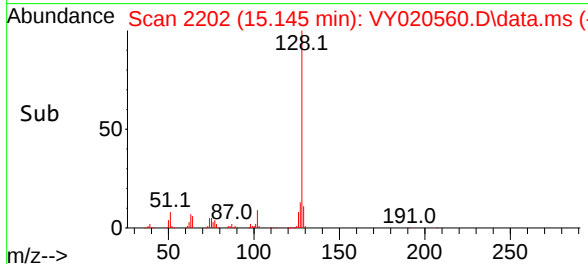
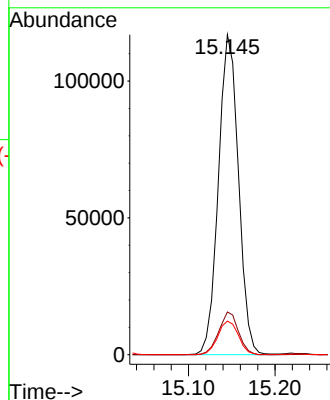
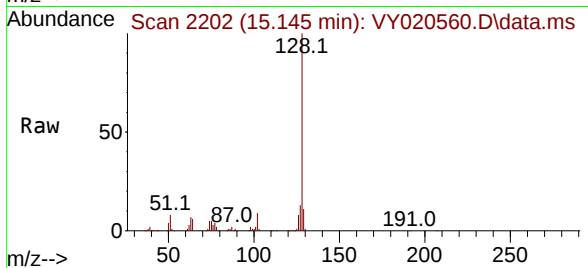
Tgt Ion:128 Resp: 188119

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.368 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020560.D

Acq: 10 Dec 2024 10:42

Tgt Ion:180 Resp: 88880

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 33.2 16.9 50.6

