

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020503.D
 Acq On : 03 Dec 2024 16:39
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 22:13:32 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	7.713	168	128467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	211029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	184393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	92467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	77962	59.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.340%	
35) Dibromofluoromethane	7.640	113	73840	55.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.109	98	274629	54.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.580%	
62) 4-Bromofluorobenzene	12.408	95	99984	56.511	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 113.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	71403	56.980	ug/l	99
3) Chloromethane	2.074	50	74405	58.643	ug/l	97
4) Vinyl Chloride	2.208	62	71939	55.610	ug/l	98
5) Bromomethane	2.604	94	45252	59.619	ug/l	98
6) Chloroethane	2.745	64	45476	57.356	ug/l	97
7) Trichlorofluoromethane	3.068	101	130727	53.956	ug/l	99
8) Diethyl Ether	3.464	74	42909	62.506	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	75404	53.413	ug/l	97
10) Methyl Iodide	4.013	142	95186	60.062	ug/l	94
11) Tert butyl alcohol	4.866	59	28156	332.210	ug/l	100
12) 1,1-Dichloroethene	3.799	96	74660	55.985	ug/l	98
13) Acrolein	3.659	56	19121	240.964	ug/l	95
14) Allyl chloride	4.391	41	136984	57.593	ug/l	96
15) Acrylonitrile	5.067	53	92634	323.863	ug/l	100
16) Acetone	3.879	43	84112	258.912	ug/l	98
17) Carbon Disulfide	4.116	76	231272	60.593	ug/l	98
18) Methyl Acetate	4.391	43	48583	70.361	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	217012	63.720	ug/l	97
20) Methylene Chloride	4.628	84	84123	60.872	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	86307	58.267	ug/l	99
22) Diisopropyl ether	6.025	45	285639	60.393	ug/l	98
23) Vinyl Acetate	5.970	43	775590	310.028	ug/l	99
24) 1,1-Dichloroethane	5.927	63	167013	58.654	ug/l	99
25) 2-Butanone	6.902	43	121118	295.250	ug/l	100
26) 2,2-Dichloropropane	6.890	77	130758	48.551	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	104268	60.285	ug/l	95
28) Bromochloromethane	7.256	49	66001	62.070	ug/l	92
29) Tetrahydrofuran	7.268	42	76946	328.792	ug/l	97
30) Chloroform	7.427	83	170942	58.494	ug/l	99
31) Cyclohexane	7.707	56	130325	50.627	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	153028	54.381	ug/l	98
36) 1,1-Dichloropropene	7.841	75	117212	52.245	ug/l	99
37) Ethyl Acetate	6.988	43	54511	61.330	ug/l	97
38) Carbon Tetrachloride	7.823	117	139842	52.226	ug/l	99
39) Methylcyclohexane	9.115	83	145338	52.206	ug/l	97
40) Benzene	8.085	78	367775	55.599	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	32321	63.967	ug/l	95
42) 1,2-Dichloroethane	8.164	62	104662	60.217	ug/l	99
43) Isopropyl Acetate	8.201	43	112084	62.450	ug/l	98
44) Trichloroethene	8.872	130	88743	54.421	ug/l	97
45) 1,2-Dichloropropane	9.146	63	86670	55.992	ug/l	97
46) Dibromomethane	9.237	93	46316	60.433	ug/l	98
47) Bromodichloromethane	9.426	83	128526	56.920	ug/l	99
48) Methyl methacrylate	9.225	41	51979	62.107	ug/l	96
49) 1,4-Dioxane	9.231	88	9422	1286.161	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	277704	313.312	ug/l	99
52) Toluene	10.176	92	228715	55.419	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	116757	57.595	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	138122	57.652	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	60283	58.965	ug/l	99
56) Ethyl methacrylate	10.438	69	90231	62.376	ug/l	95
57) 1,3-Dichloropropane	10.719	76	108836	59.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	185802	274.331	ug/l	96
59) 2-Hexanone	10.761	43	187176	292.727	ug/l	97
60) Dibromochloromethane	10.914	129	84614	59.447	ug/l	99
61) 1,2-Dibromoethane	11.018	107	56223	60.137	ug/l	99
64) Tetrachloroethene	10.652	164	84524	54.249	ug/l	96
65) Chlorobenzene	11.444	112	244737	52.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	86929	53.034	ug/l	98
67) Ethyl Benzene	11.524	91	442260	51.049	ug/l	98
68) m/p-Xylenes	11.627	106	325222	102.520	ug/l	98
69) o-Xylene	11.956	106	157835	53.109	ug/l	99
70) Styrene	11.975	104	265394	53.526	ug/l	99
71) Bromoform	12.133	173	48077	57.690	ug/l #	98
73) Isopropylbenzene	12.255	105	420634	47.016	ug/l	100
74) N-amyl acetate	12.072	43	95529	54.478	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	66436	51.637	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	89135	94.628	ug/l #	100
77) Bromobenzene	12.536	156	91252	49.252	ug/l	97
78) n-propylbenzene	12.597	91	496070	46.832	ug/l	99
79) 2-Chlorotoluene	12.682	91	286462	47.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	342745	47.805	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	23007	50.116	ug/l	96
82) 4-Chlorotoluene	12.779	91	291822	47.843	ug/l	99
83) tert-Butylbenzene	12.999	119	302547	46.675	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	340952	48.927	ug/l	100
85) sec-Butylbenzene	13.182	105	439126	47.271	ug/l	100
86) p-Isopropyltoluene	13.298	119	369374	48.117	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	176751	49.466	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	175027	50.036	ug/l	100
89) n-Butylbenzene	13.621	91	340236	47.787	ug/l	99
90) Hexachloroethane	13.883	117	71243	47.621	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	154649	51.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10942	56.178	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	91359	53.618	ug/l	100
94) Hexachlorobutadiene	15.029	225	59171	49.640	ug/l	99
95) Naphthalene	15.151	128	159759	57.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	76563	55.688	ug/l	99

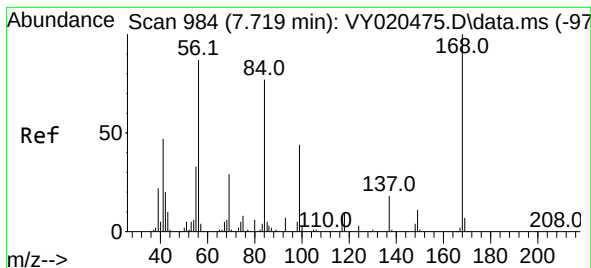
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY020503.D

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Instrument :

MSVOA_Y

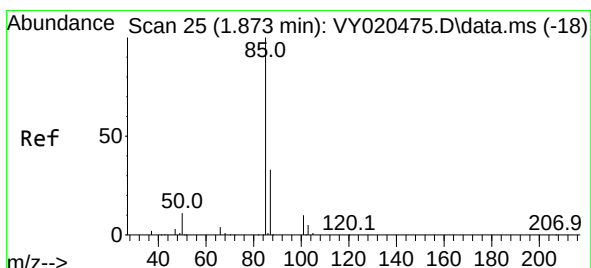
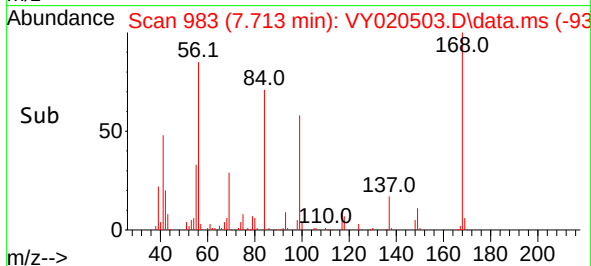
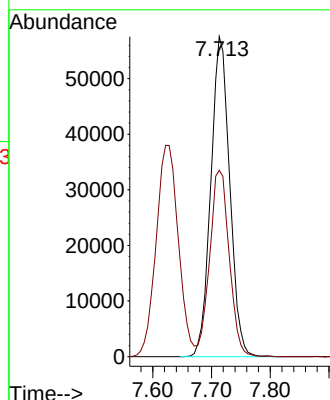
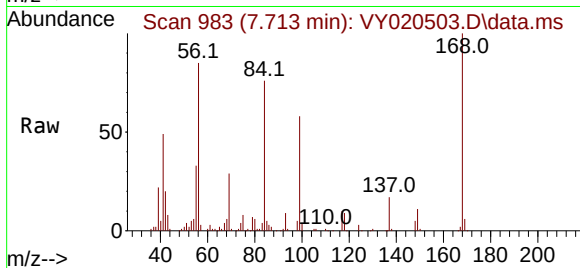
ClientSampleId :

Tgt Ion:168 Resp: 128467

Ion Ratio Lower Upper

168 100

99 58.2 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 56.980 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.006 min

Lab File: VY020503.D

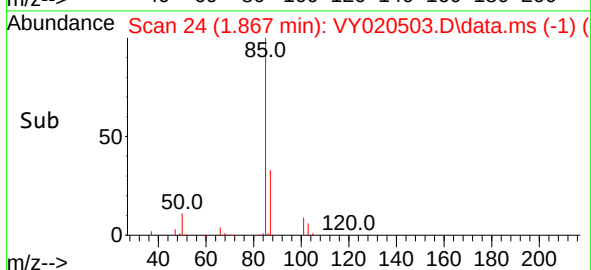
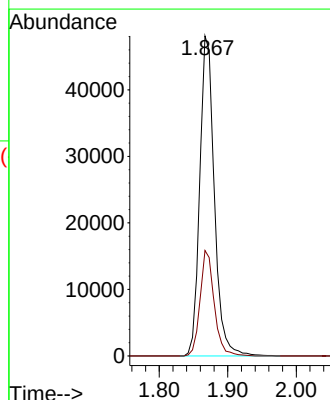
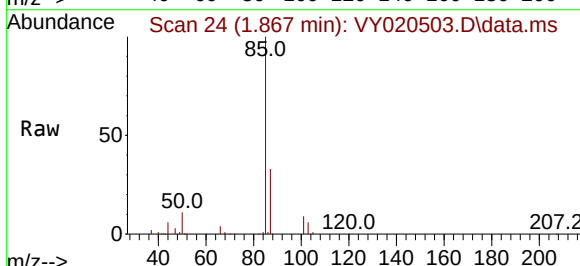
Acq: 03 Dec 2024 16:39

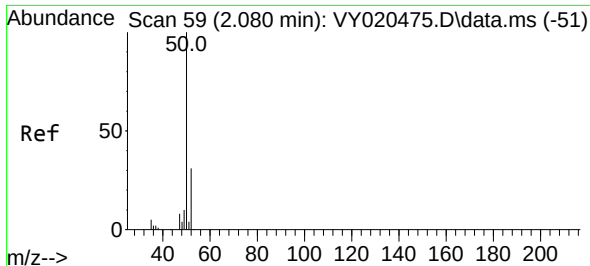
Tgt Ion: 85 Resp: 71403

Ion Ratio Lower Upper

85 100

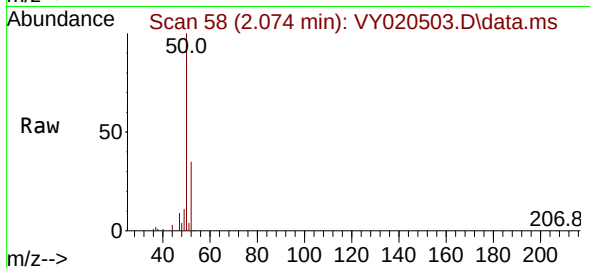
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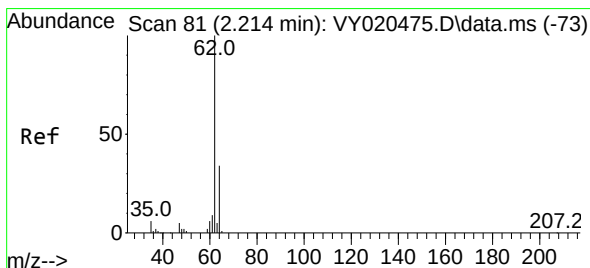
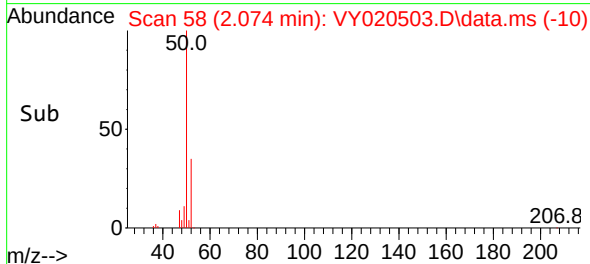
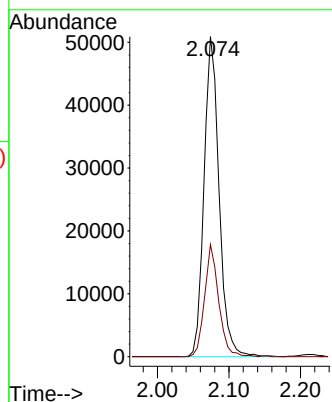


#3
Chloromethane
Concen: 58.643 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

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ClientSampleId :

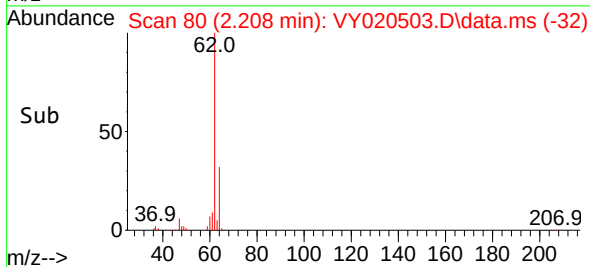
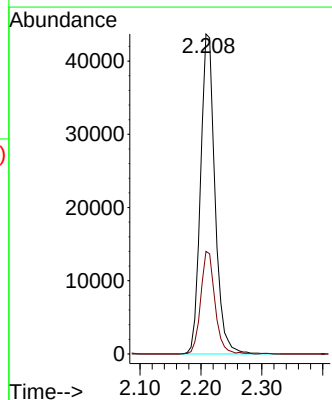
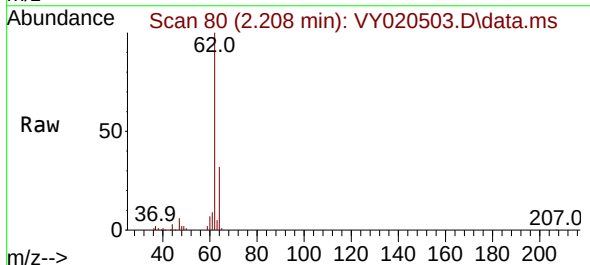


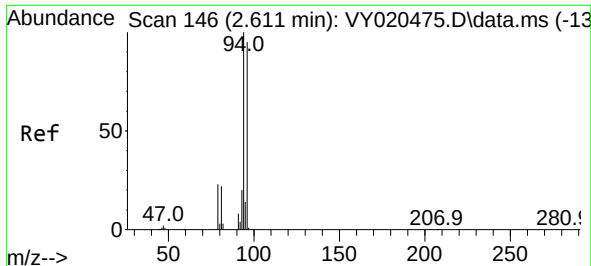
Tgt Ion: 50 Resp: 74405
Ion Ratio Lower Upper
50 100
52 35.1 26.9 40.3



#4
Vinyl Chloride
Concen: 55.610 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 62 Resp: 71939
Ion Ratio Lower Upper
62 100
64 32.0 24.7 37.1

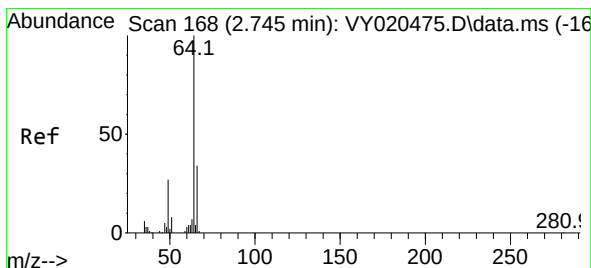
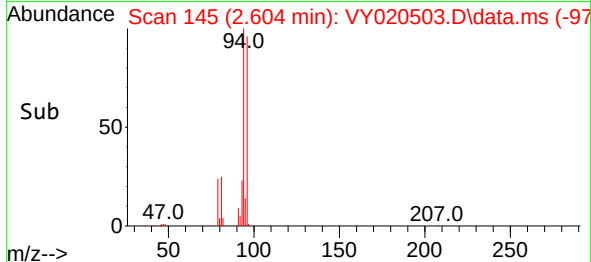
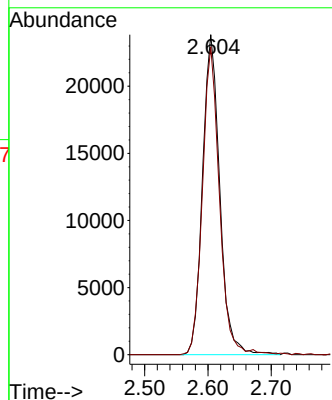
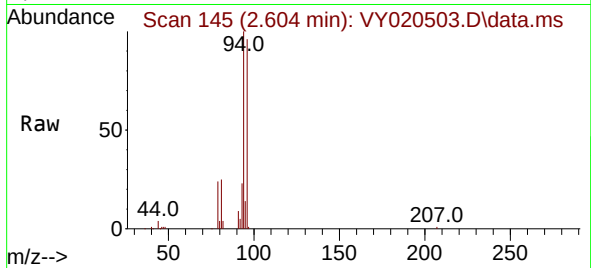




#5
Bromomethane
Concen: 59.619 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

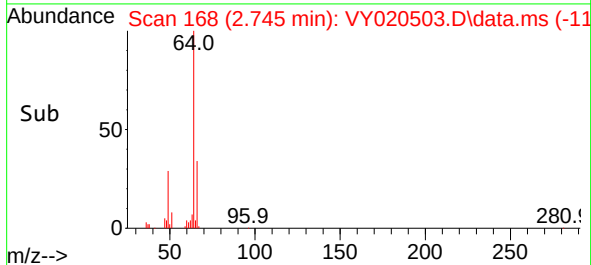
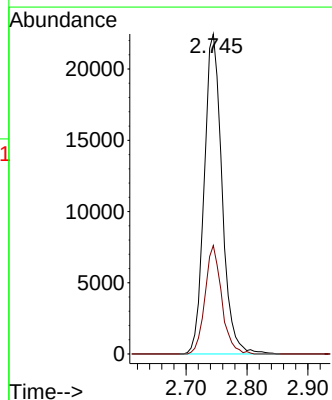
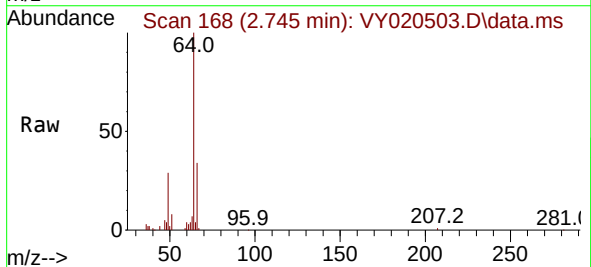
Instrument :
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ClientSampleId :

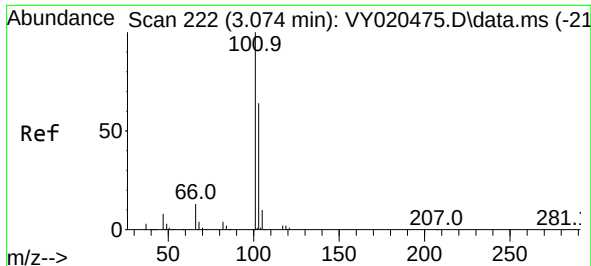
Tgt Ion: 94 Resp: 45252
Ion Ratio Lower Upper
94 100
96 96.3 75.4 113.2



#6
Chloroethane
Concen: 57.356 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 64 Resp: 45476
Ion Ratio Lower Upper
64 100
66 33.9 25.7 38.5

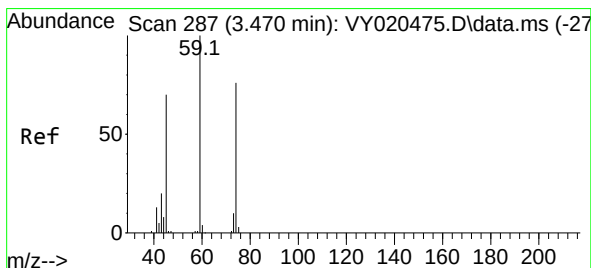
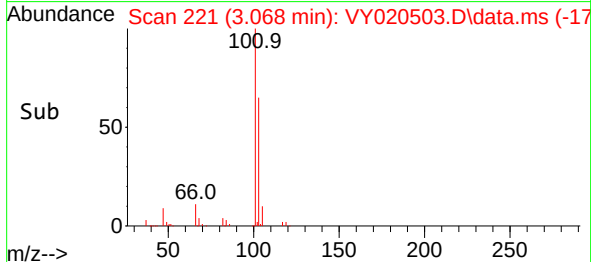
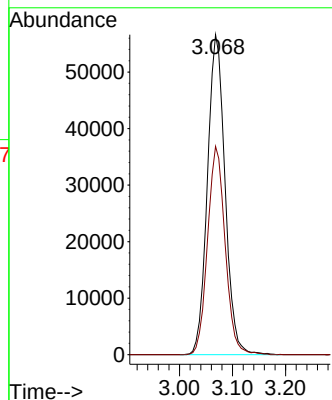
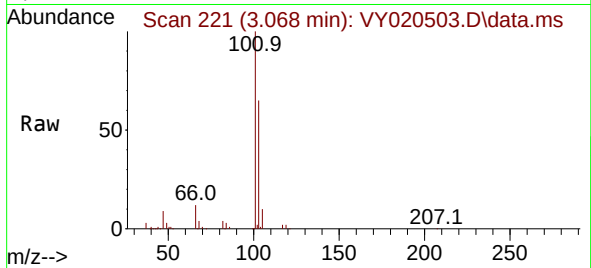




#7
Trichlorofluoromethane
Concen: 53.956 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020503.D
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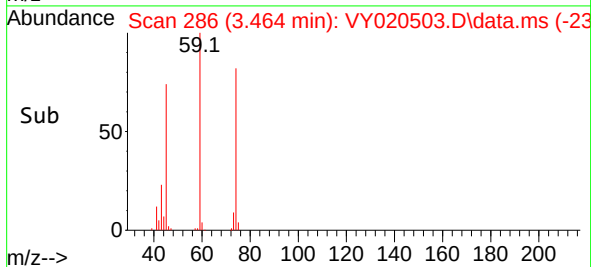
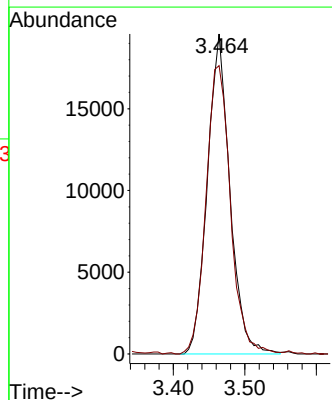
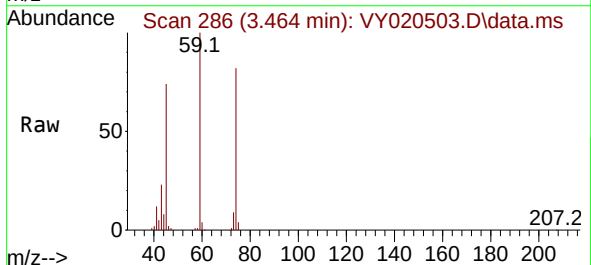
Instrument :
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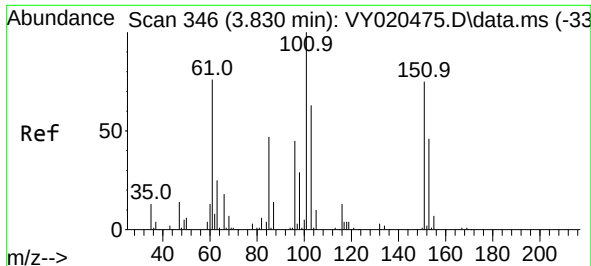
Tgt Ion:101 Resp: 130727
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3



#8
Diethyl Ether
Concen: 62.506 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

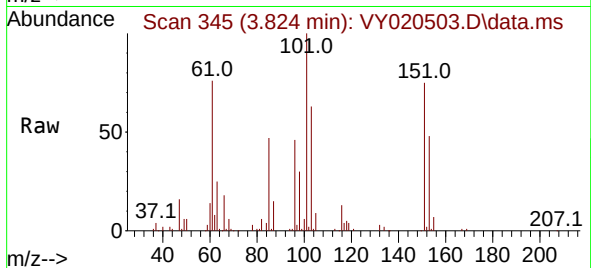
Tgt Ion: 74 Resp: 42909
Ion Ratio Lower Upper
74 100
45 97.8 53.6 160.8



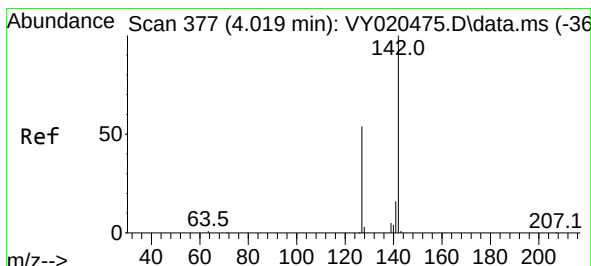
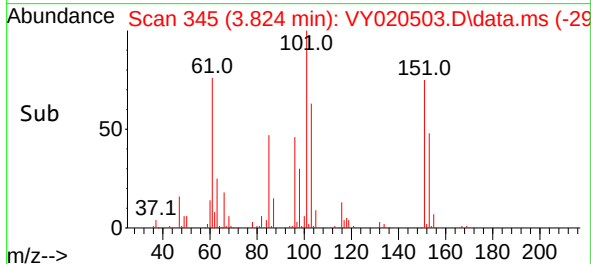
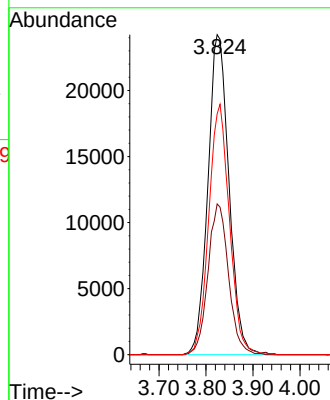


#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.413 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020503.D
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ClientSampleId :

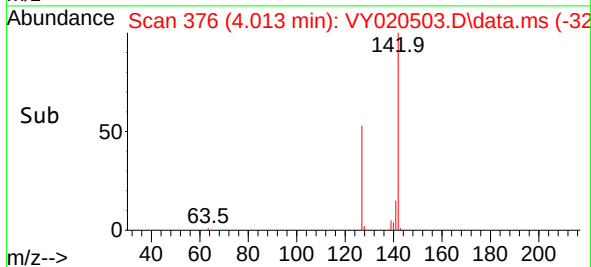
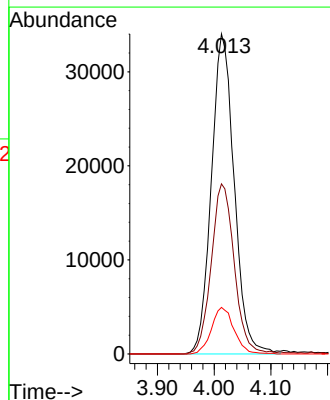
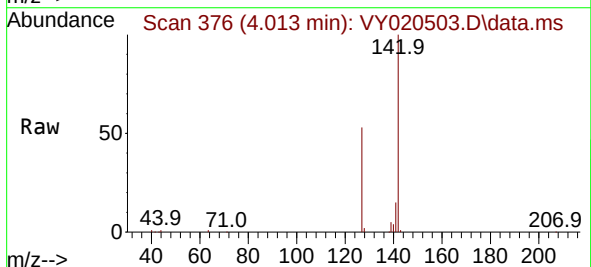


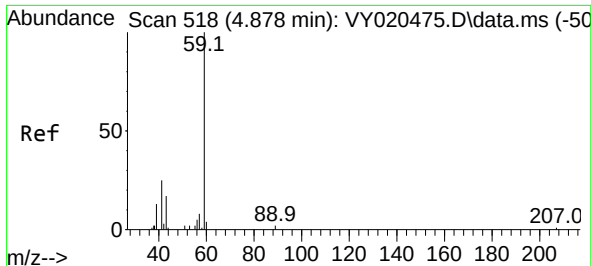
Tgt Ion:101 Resp: 75404
Ion Ratio Lower Upper
101 100
85 46.0 38.0 57.0
151 76.8 59.6 89.4



#10
Methyl Iodide
Concen: 60.062 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion:142 Resp: 95186
Ion Ratio Lower Upper
142 100
127 53.9 38.9 58.3
141 14.4 11.7 17.5

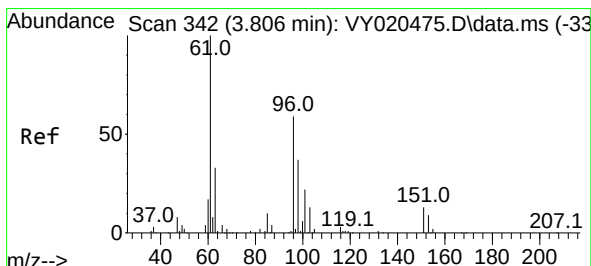
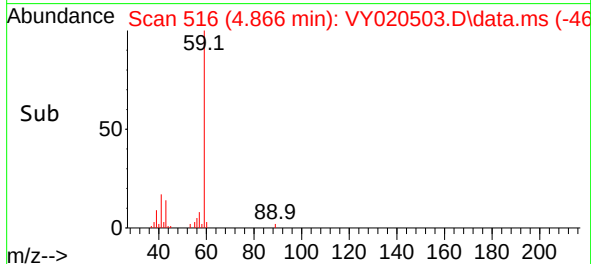
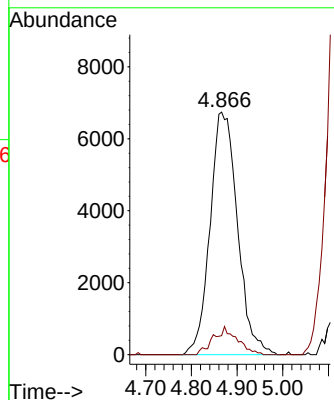
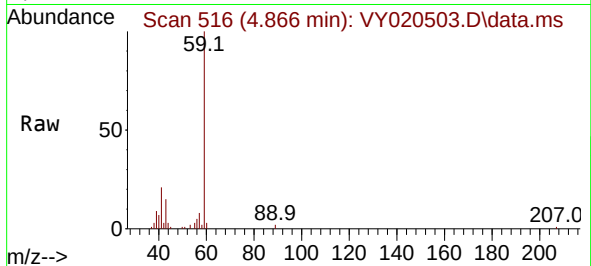




#11
Tert butyl alcohol
Concen: 332.210 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

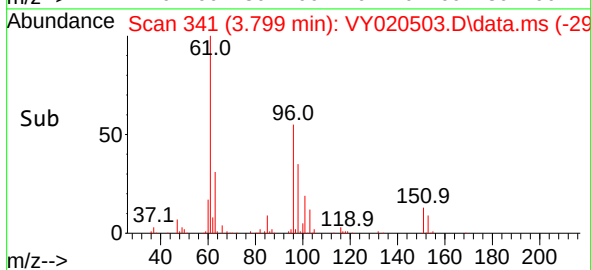
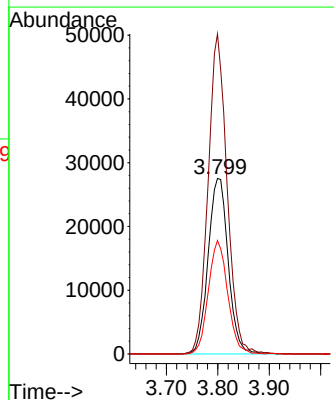
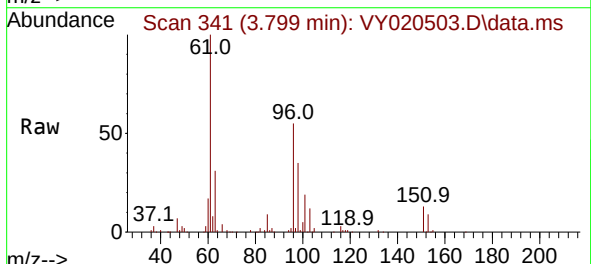
Instrument :
MSVOA_Y
ClientSampleId :

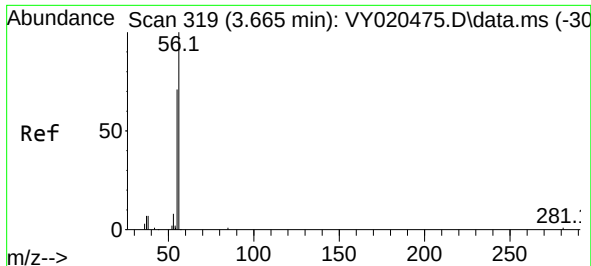
Tgt Ion: 59 Resp: 28156
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 55.985 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

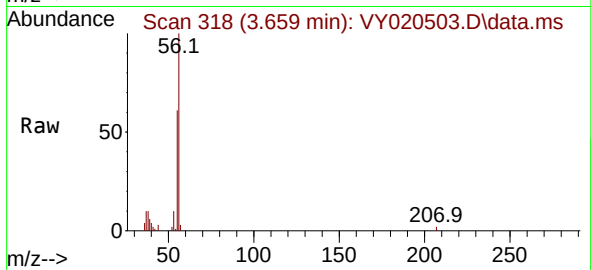
Tgt Ion: 96 Resp: 74660
Ion Ratio Lower Upper
96 100
61 182.3 143.3 214.9
98 64.6 49.8 74.8



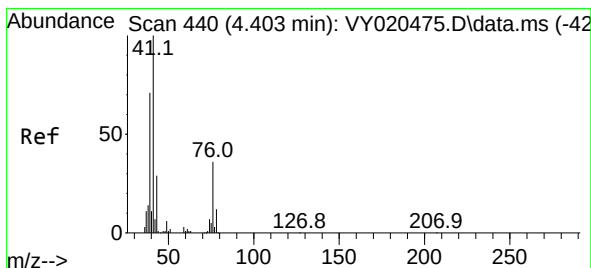
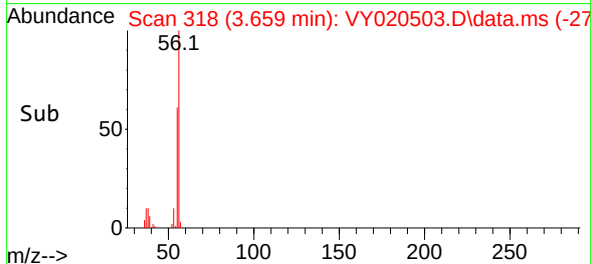
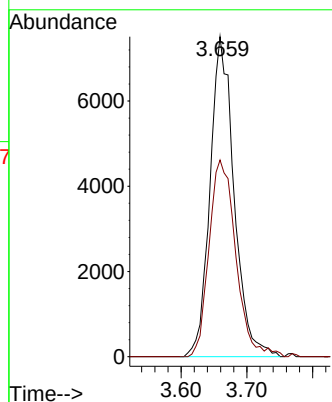


#13
Acrolein
Concen: 240.964 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

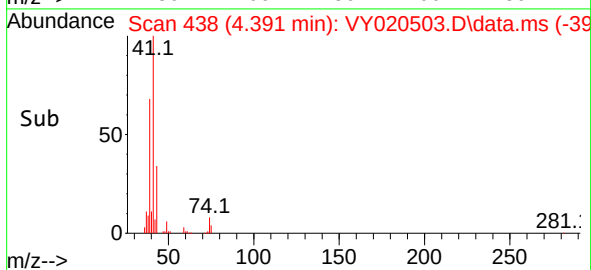
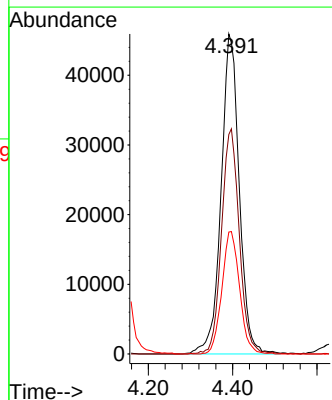
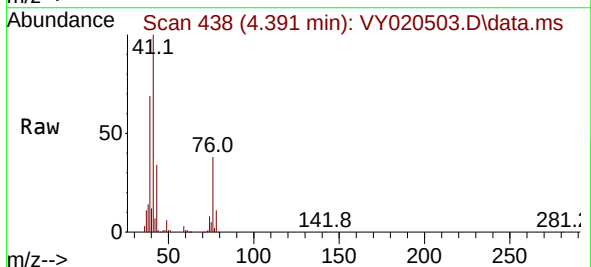


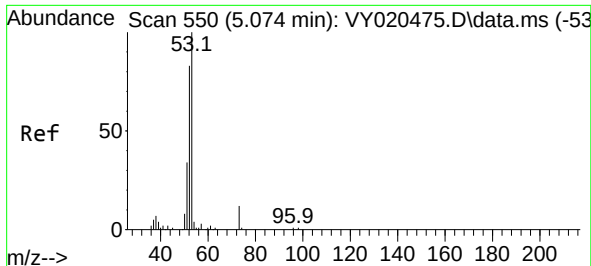
Tgt Ion: 56 Resp: 19121
Ion Ratio Lower Upper
56 100
55 68.3 57.7 86.5



#14
Allyl chloride
Concen: 57.593 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 41 Resp: 136984
Ion Ratio Lower Upper
41 100
39 68.9 58.8 88.2
76 37.3 29.7 44.5





#15

Acrylonitrile

Concen: 323.863 ug/l

RT: 5.067 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

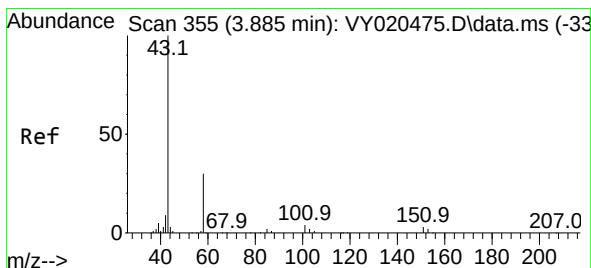
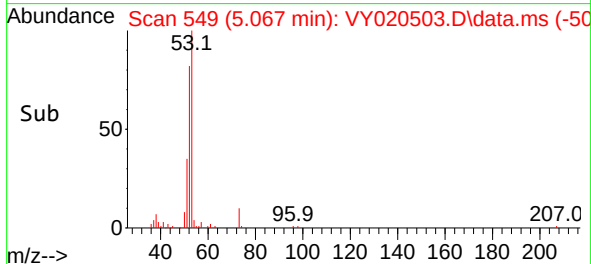
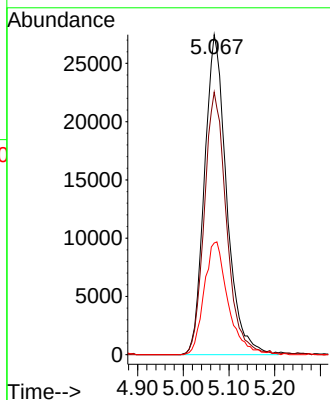
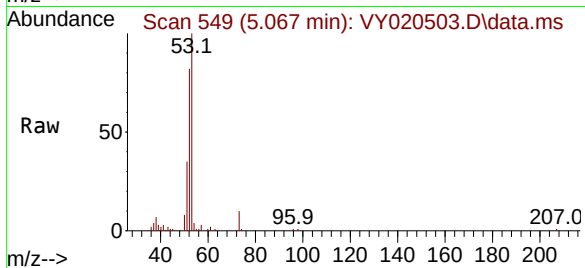
Tgt Ion: 53 Resp: 92634

Ion Ratio Lower Upper

53 100

52 81.9 65.2 97.8

51 37.8 30.2 45.4



#16

Acetone

Concen: 258.912 ug/l

RT: 3.879 min Scan# 354

Delta R.T. -0.006 min

Lab File: VY020503.D

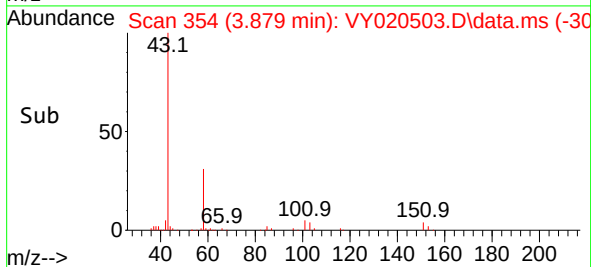
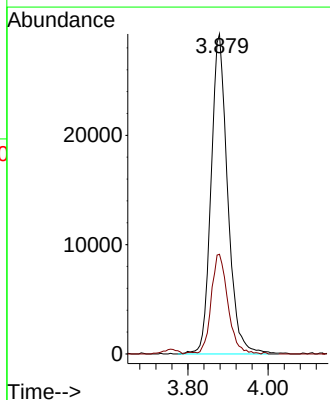
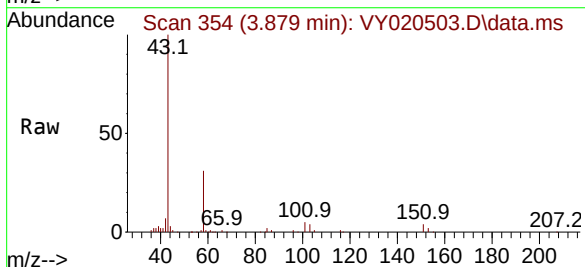
Acq: 03 Dec 2024 16:39

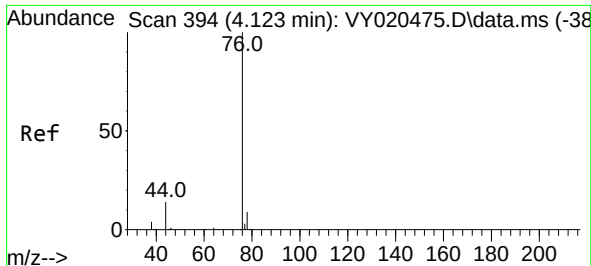
Tgt Ion: 43 Resp: 84112

Ion Ratio Lower Upper

43 100

58 31.2 25.7 38.5

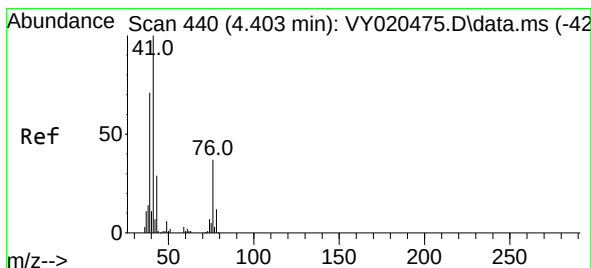
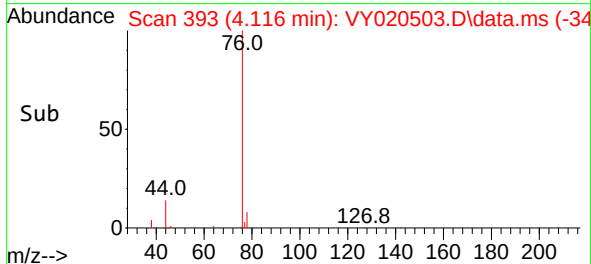
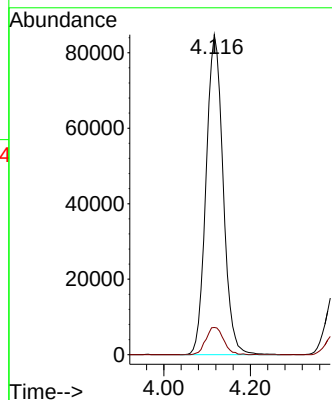
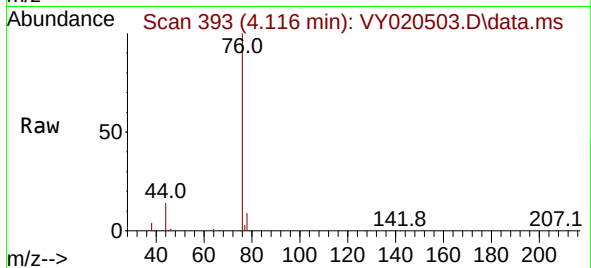




#17
Carbon Disulfide
Concen: 60.593 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

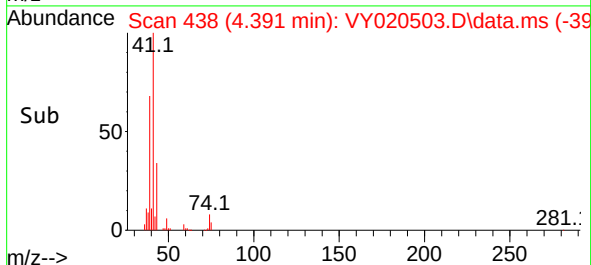
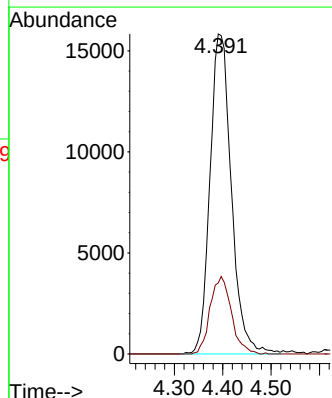
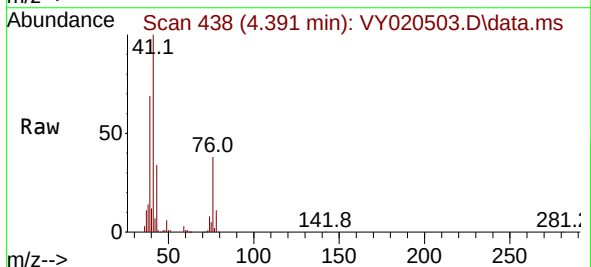
Instrument :
MSVOA_Y
ClientSampleId :

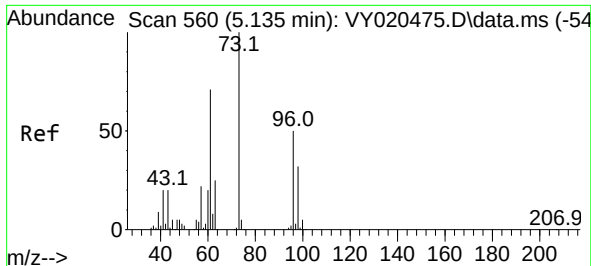
Tgt Ion: 76 Resp: 231272
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 70.361 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 43 Resp: 48583
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 63.720 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

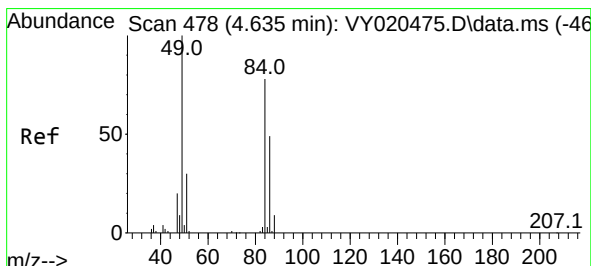
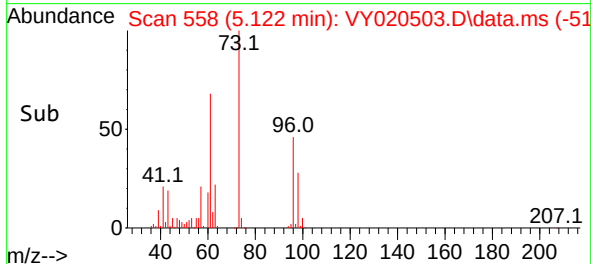
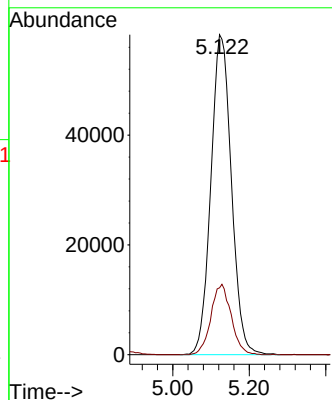
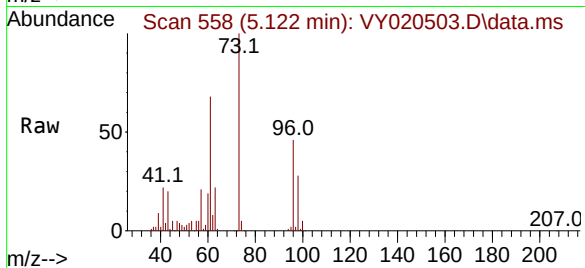
ClientSampleId :

Tgt Ion: 73 Resp: 217012

Ion Ratio Lower Upper

73 100

57 20.9 18.0 27.0



#20

Methylene Chloride

Concen: 60.872 ug/l

RT: 4.628 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Tgt Ion: 84 Resp: 84123

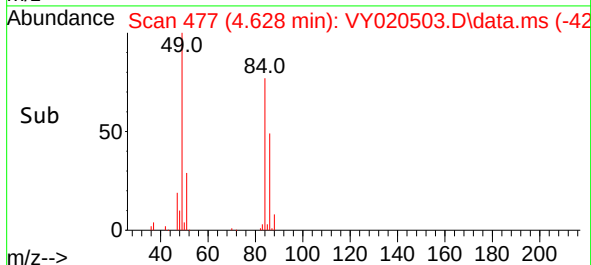
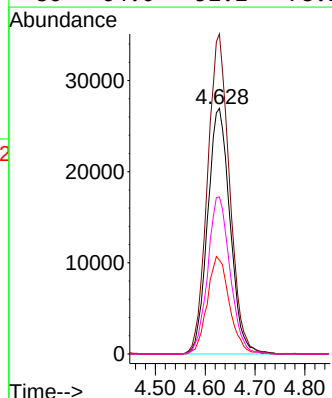
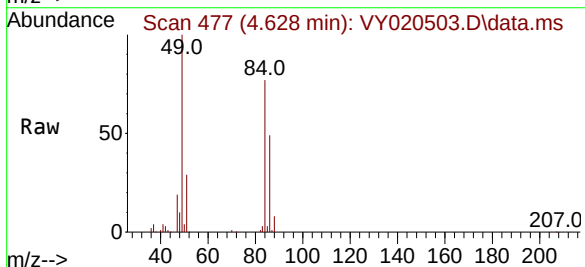
Ion Ratio Lower Upper

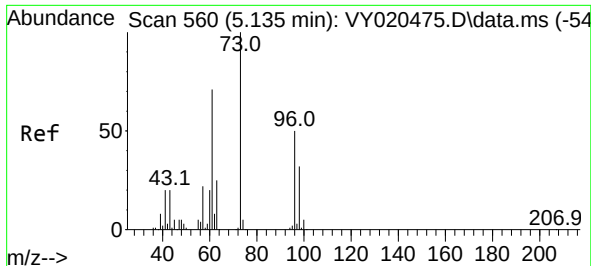
84 100

49 130.3 104.7 157.1

51 38.3 33.4 50.0

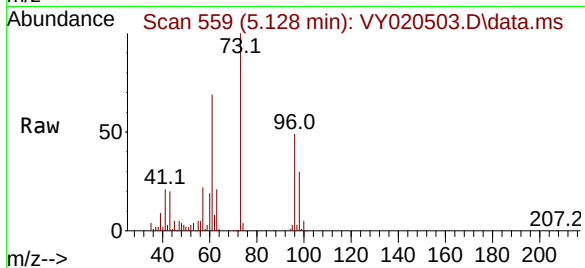
86 64.0 52.2 78.2



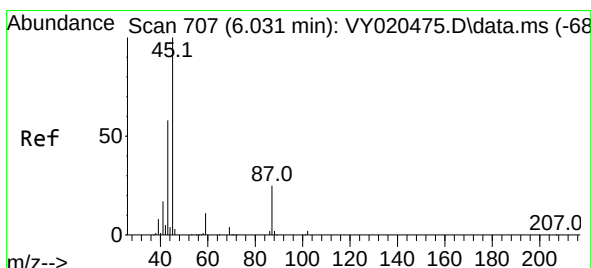
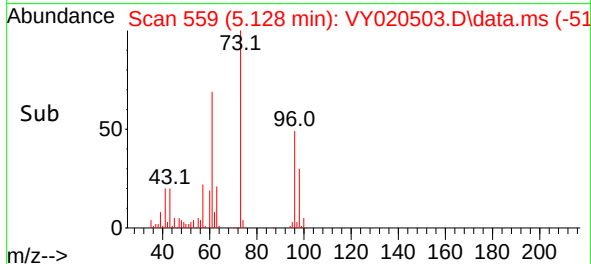
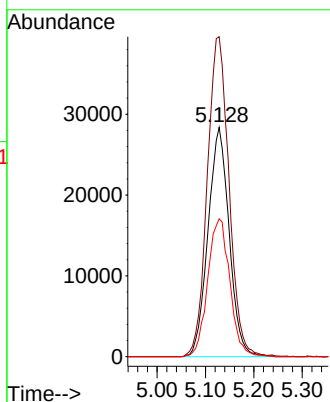


#21
trans-1,2-Dichloroethene
Concen: 58.267 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

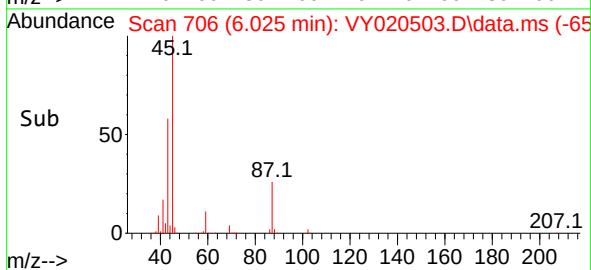
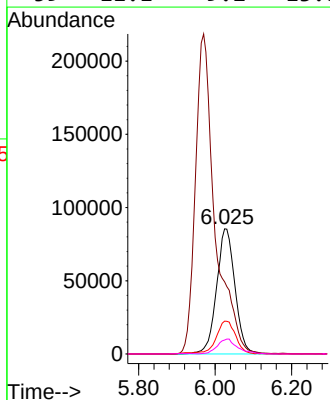
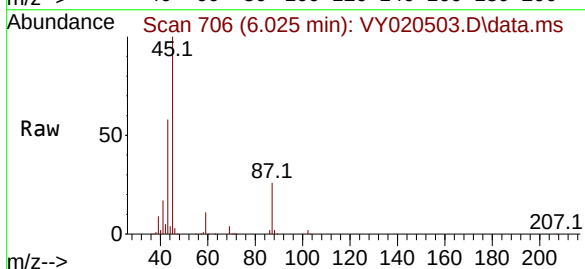


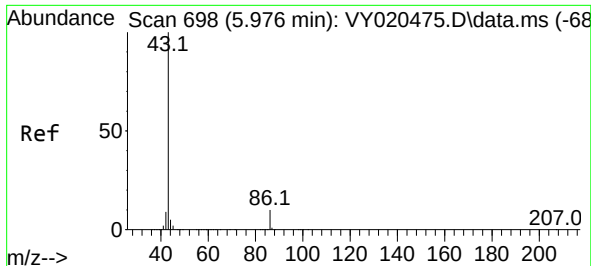
Tgt Ion: 96 Resp: 86307
Ion Ratio Lower Upper
96 100
61 139.5 111.6 167.4
98 60.1 46.7 70.1



#22
Diisopropyl ether
Concen: 60.393 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 45 Resp: 285639
Ion Ratio Lower Upper
45 100
43 57.5 44.8 67.2
87 26.2 20.6 30.8
59 11.1 9.2 13.8

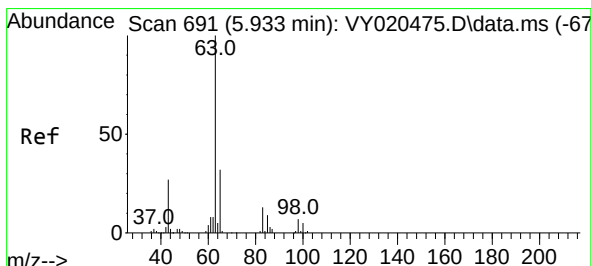
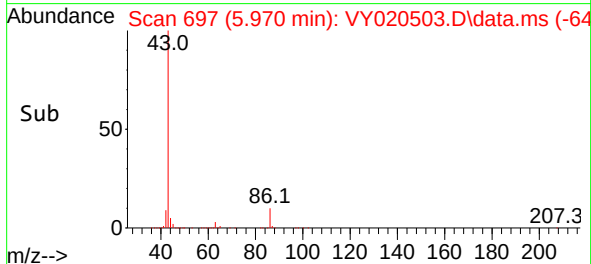
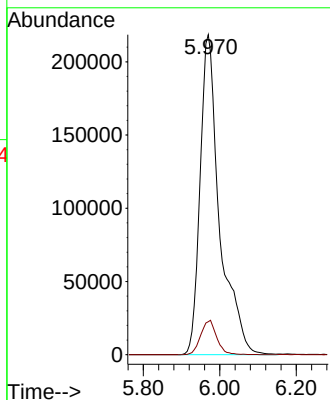
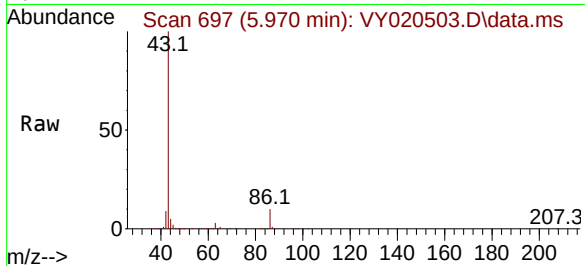




#23
 Vinyl Acetate
 Concen: 310.028 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020503.D
 Acq: 03 Dec 2024 16:39

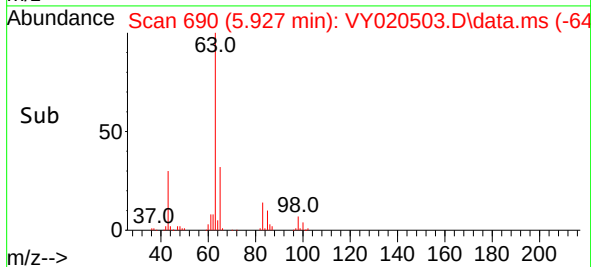
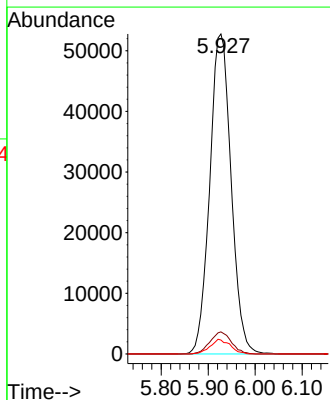
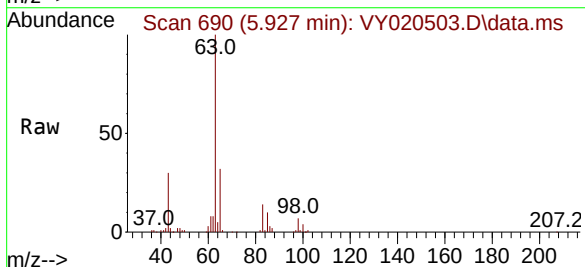
Instrument :
 MSVOA_Y
 ClientSampleId :

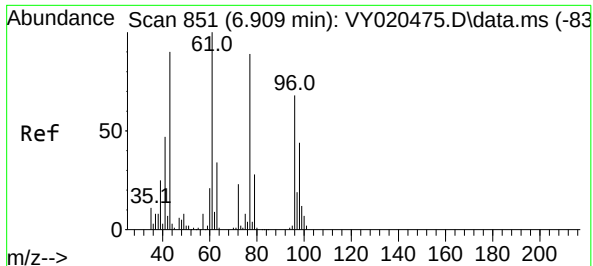
Tgt Ion: 43 Resp: 775590
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 58.654 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020503.D
 Acq: 03 Dec 2024 16:39

Tgt Ion: 63 Resp: 167013
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 295.250 ug/l

RT: 6.902 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

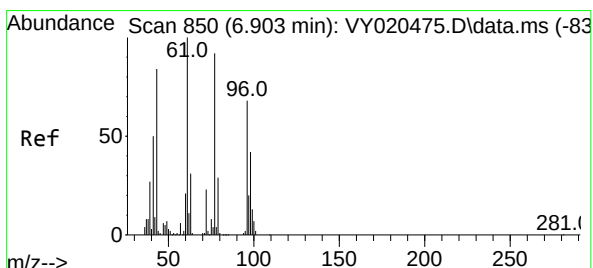
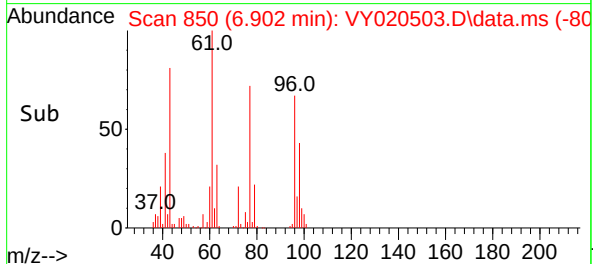
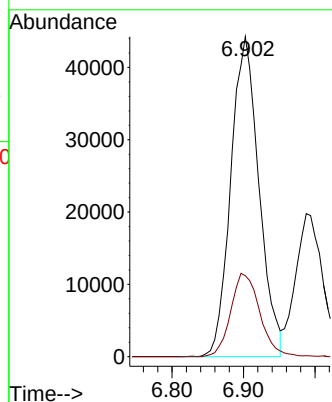
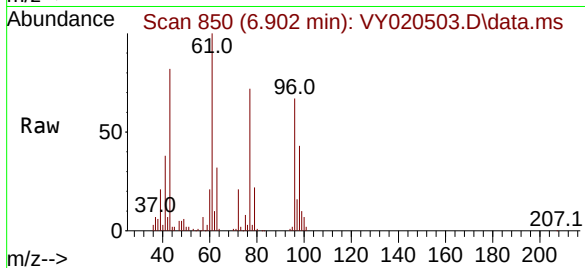
ClientSampleId :

Tgt Ion: 43 Resp: 121118

Ion Ratio Lower Upper

43 100

72 25.3 20.4 30.6



#26

2,2-Dichloropropane

Concen: 48.551 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020503.D

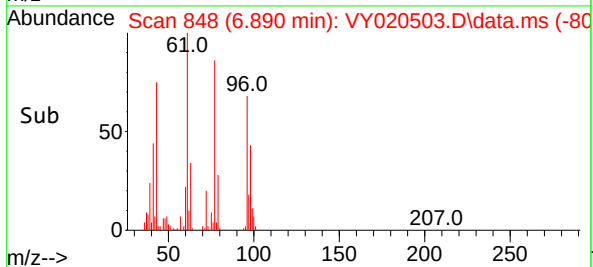
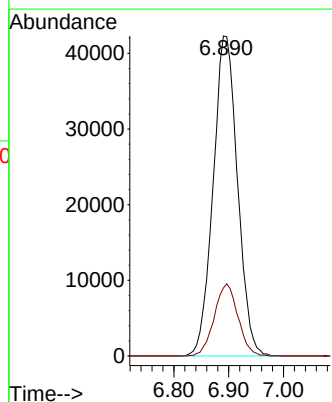
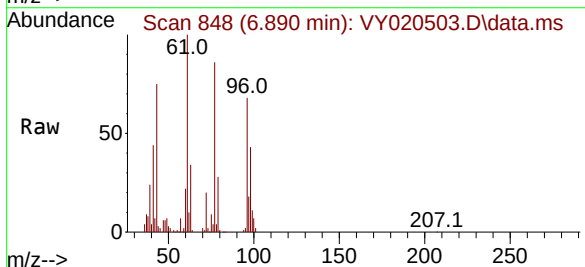
Acq: 03 Dec 2024 16:39

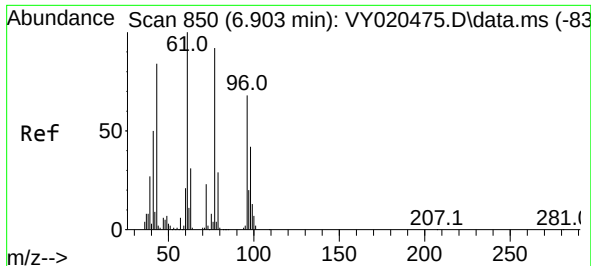
Tgt Ion: 77 Resp: 130758

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.7

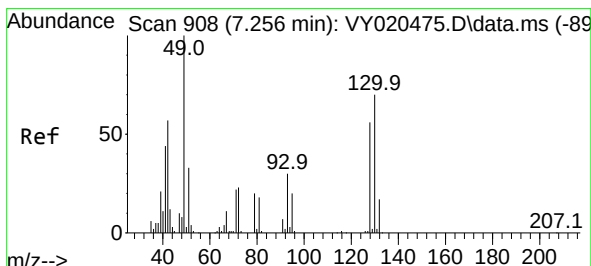
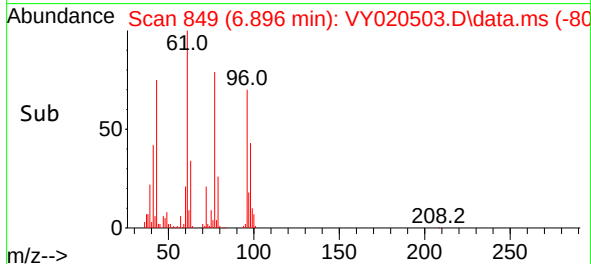
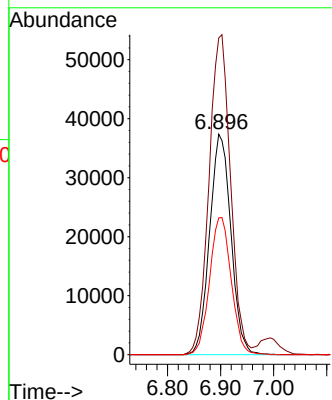
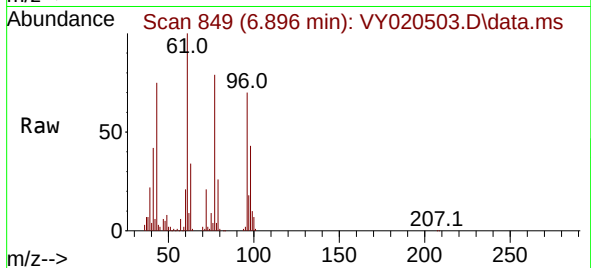




#27
cis-1,2-Dichloroethene
Concen: 60.285 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

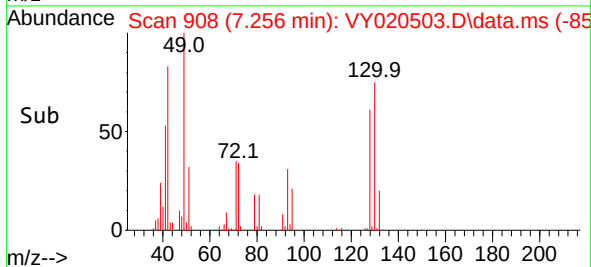
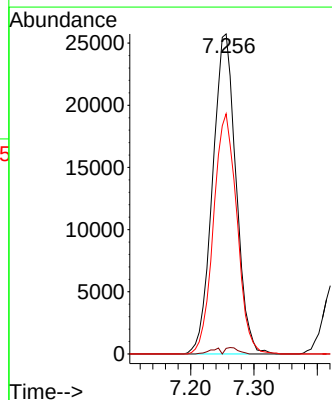
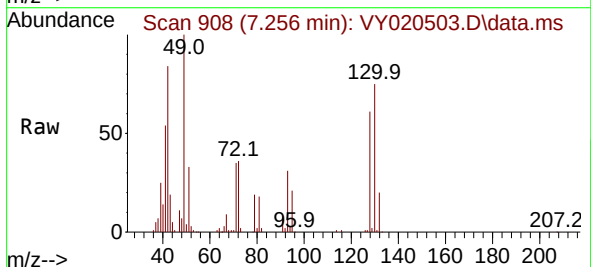
Instrument :
MSVOA_Y
ClientSampleId :

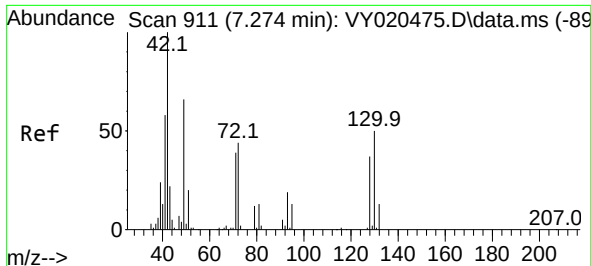
Tgt Ion: 96 Resp: 104268
Ion Ratio Lower Upper
96 100
61 146.4 0.0 312.4
98 63.3 0.0 126.8



#28
Bromochloromethane
Concen: 62.070 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

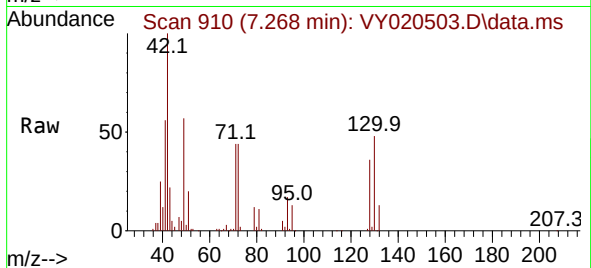
Tgt Ion: 49 Resp: 66001
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 75.1 55.0 82.6



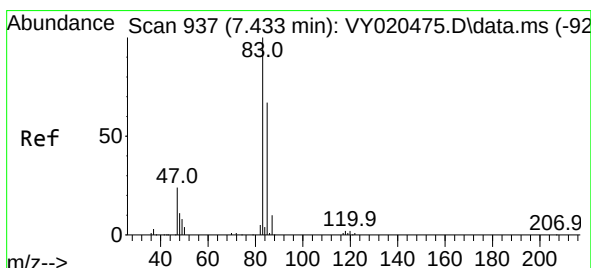
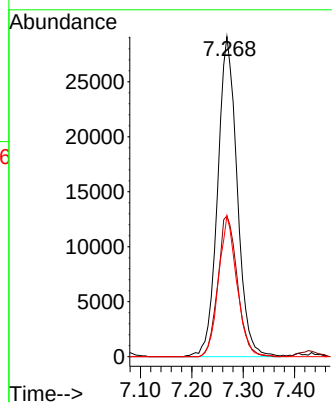
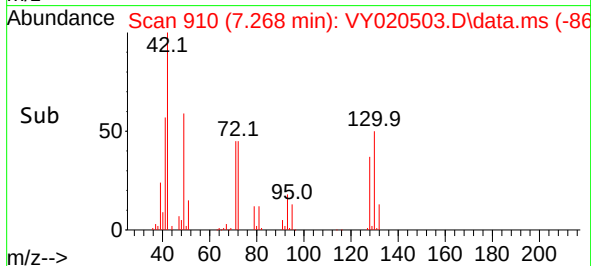


#29
Tetrahydrofuran
Concen: 328.792 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

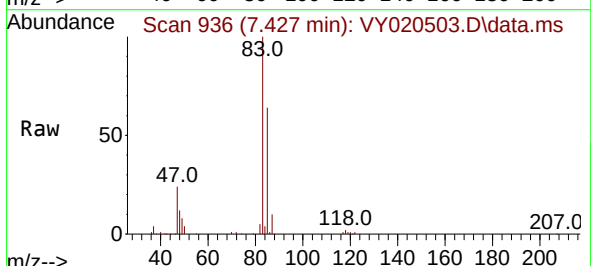
Instrument :
MSVOA_Y
ClientSampleId :



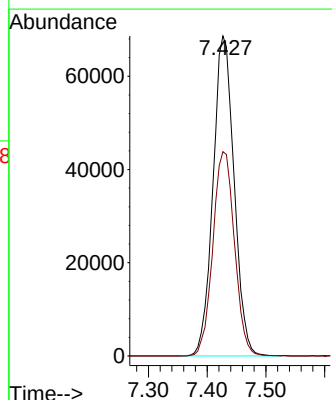
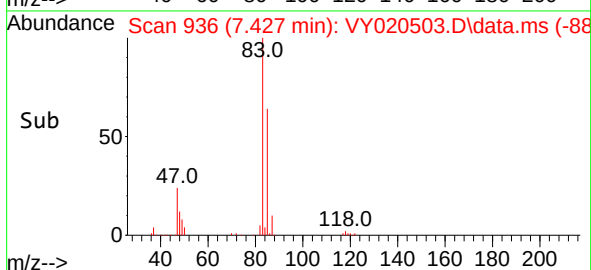
Tgt Ion: 42 Resp: 76946
Ion Ratio Lower Upper
42 100
72 43.9 33.4 50.0
71 41.3 31.9 47.9

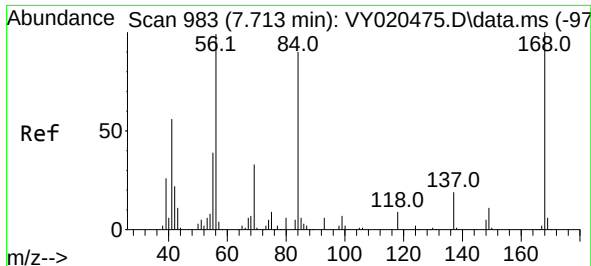


#30
Chloroform
Concen: 58.494 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39



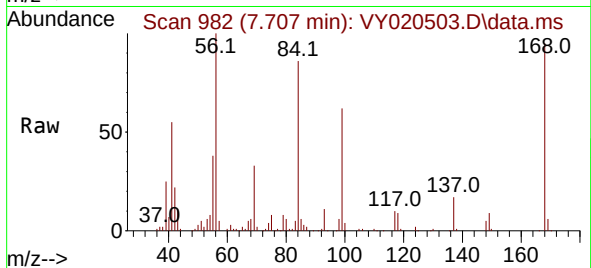
Tgt Ion: 83 Resp: 170942
Ion Ratio Lower Upper
83 100
85 63.8 50.3 75.5



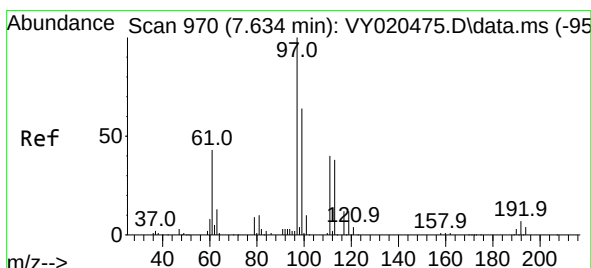
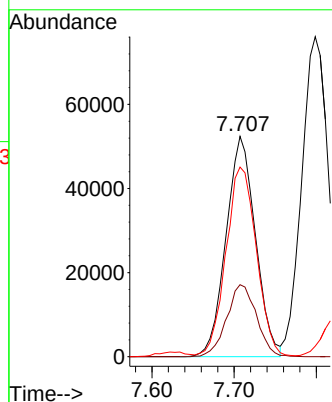
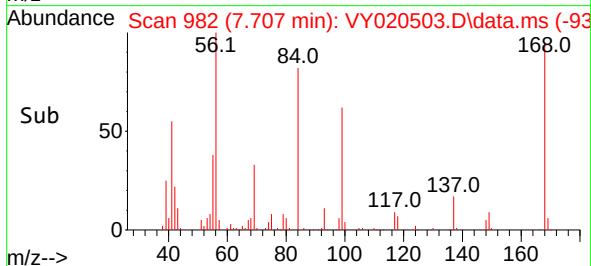


#31
Cyclohexane
Concen: 50.627 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

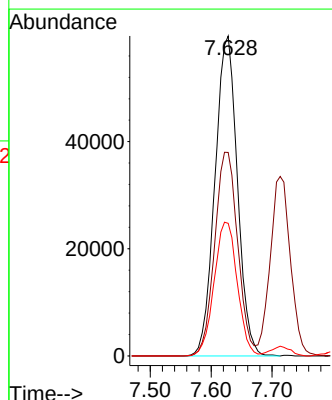
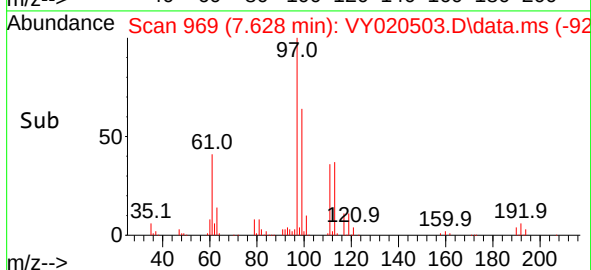
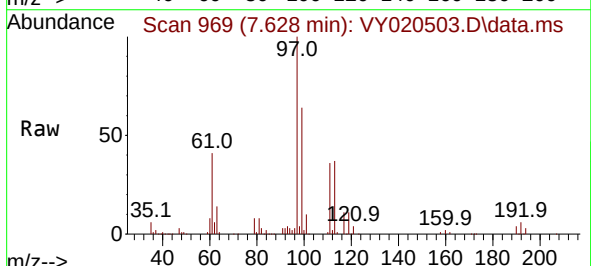


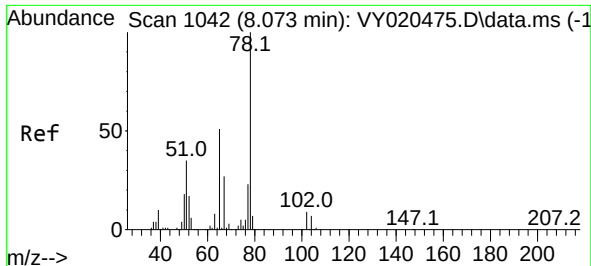
Tgt Ion: 56 Resp: 130325
Ion Ratio Lower Upper
56 100
69 32.7 25.3 37.9
84 84.2 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 54.381 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 97 Resp: 153028
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 43.1 37.1 55.7

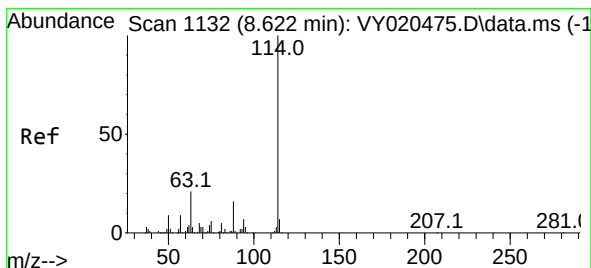
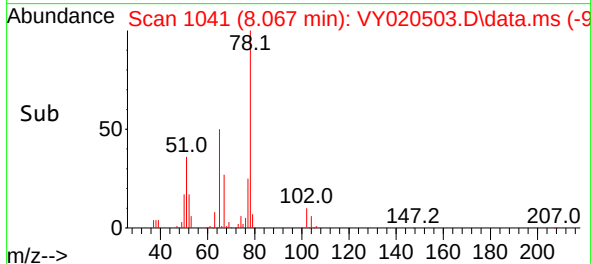
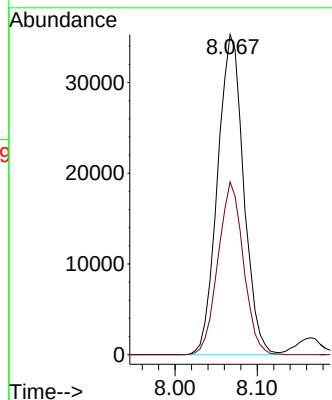
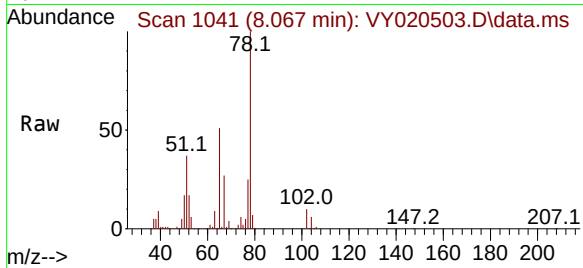




#33
 1,2-Dichloroethane-d4
 Concen: 59.671 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.006 min
 Lab File: VY020503.D
 Acq: 03 Dec 2024 16:39

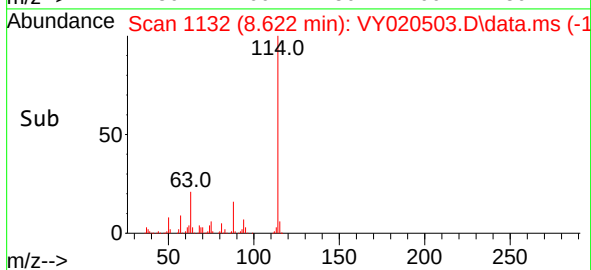
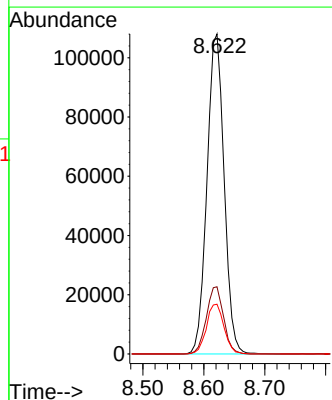
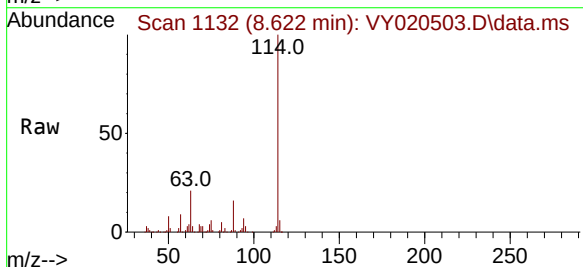
Instrument :
 MSVOA_Y
 ClientSampleId :

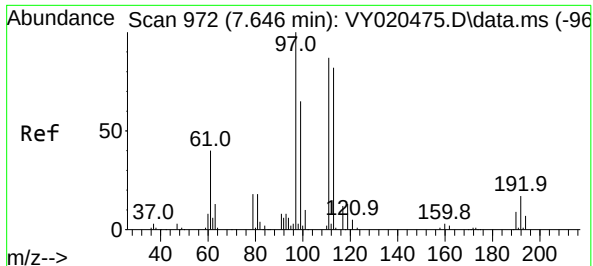
Tgt Ion: 65 Resp: 77962
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020503.D
 Acq: 03 Dec 2024 16:39

Tgt Ion: 114 Resp: 211029
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.8
 88 15.5 0.0 32.0

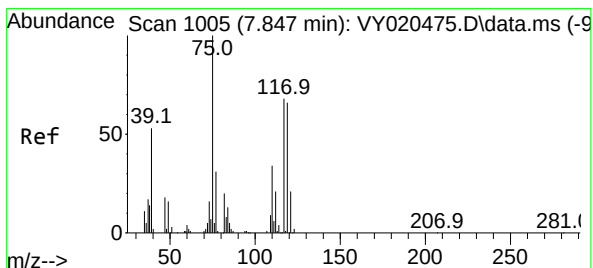
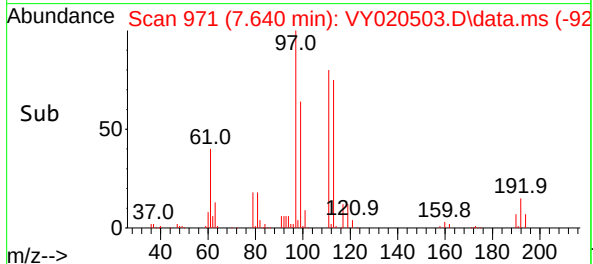
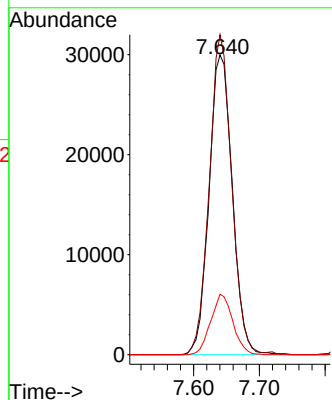
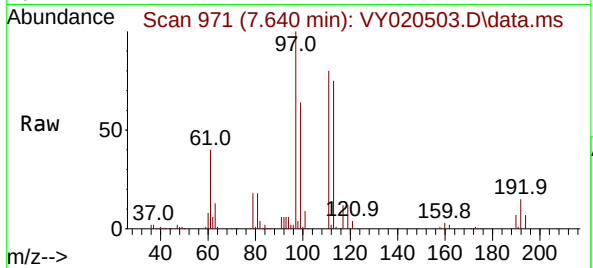




#35
Dibromofluoromethane
Concen: 55.580 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

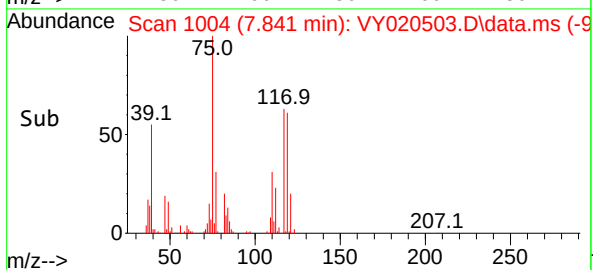
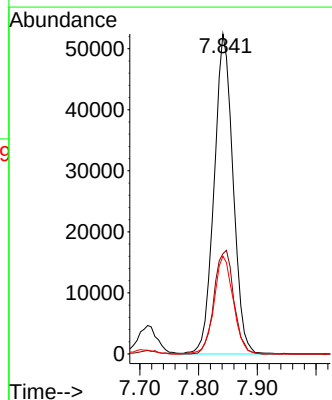
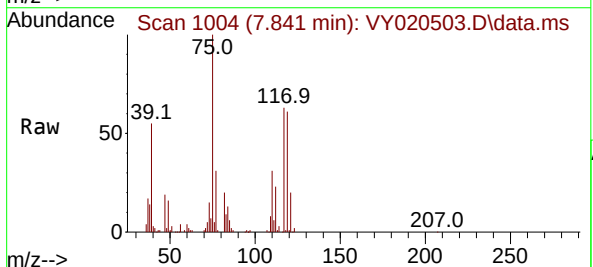
Instrument :
MSVOA_Y
ClientSampleId :

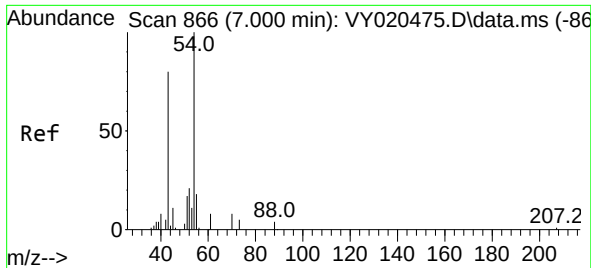
Tgt Ion:113 Resp: 73840
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 52.245 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 75 Resp: 117212
Ion Ratio Lower Upper
75 100
110 33.7 16.7 50.0
77 31.1 24.6 36.8

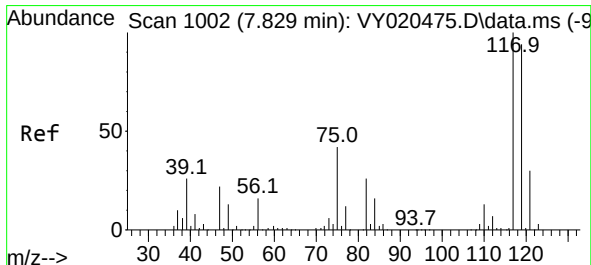
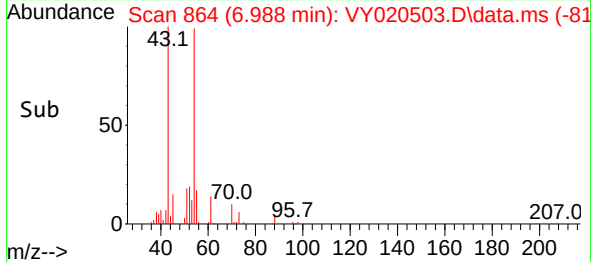
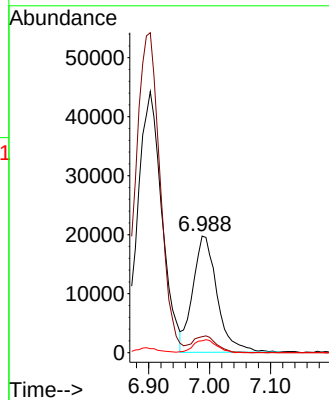
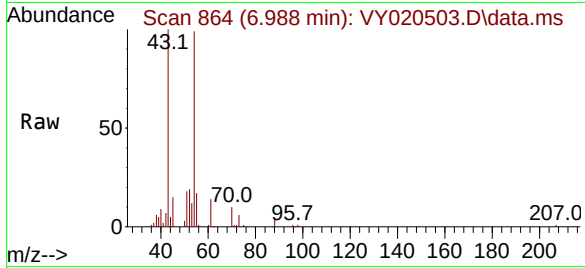




#37
Ethyl Acetate
Concen: 61.330 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

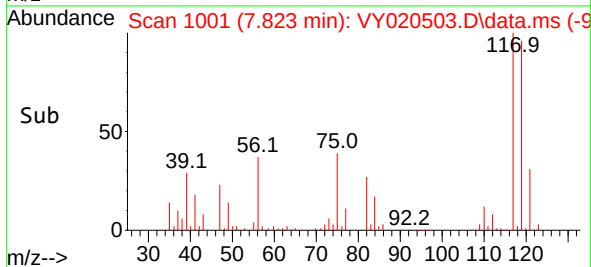
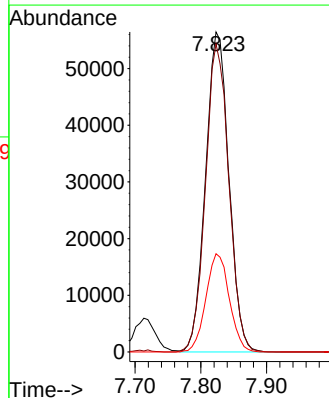
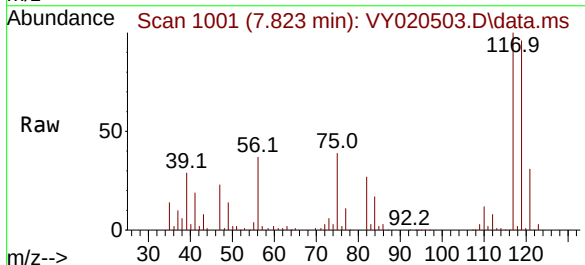
Instrument :
MSVOA_Y
ClientSampleId :

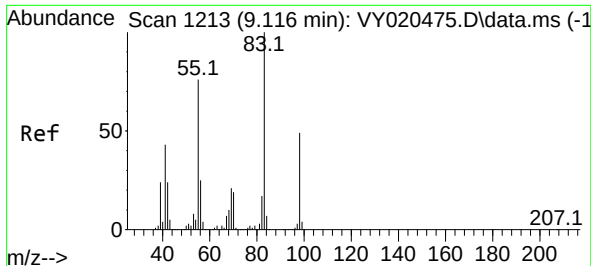
Tgt Ion: 43 Resp: 54511
Ion Ratio Lower Upper
43 100
61 14.5 10.7 16.1
70 10.6 7.3 10.9



#38
Carbon Tetrachloride
Concen: 52.226 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 117 Resp: 139842
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 52.206 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

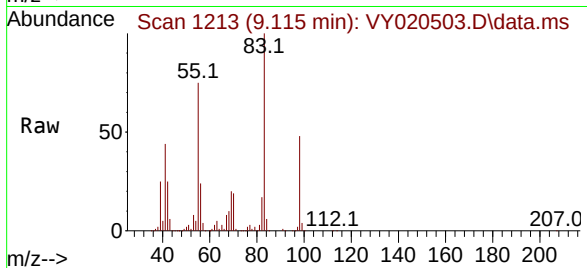
Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :



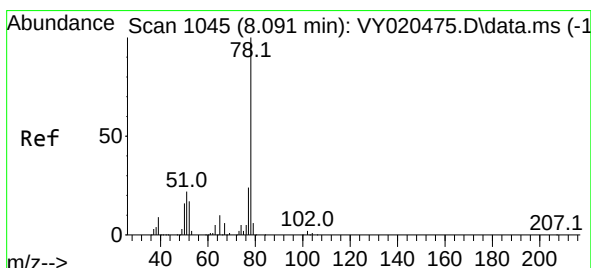
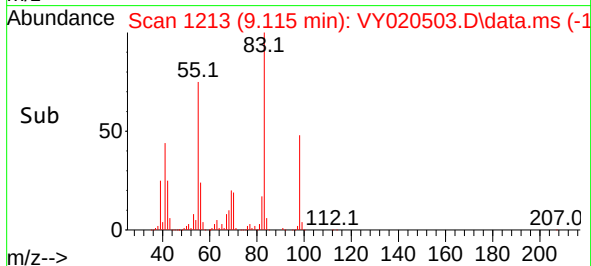
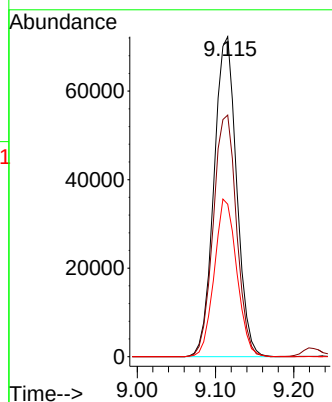
Tgt Ion: 83 Resp: 145338

Ion Ratio Lower Upper

83 100

55 75.5 62.6 93.8

98 47.7 37.0 55.4



#40

Benzene

Concen: 55.599 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020503.D

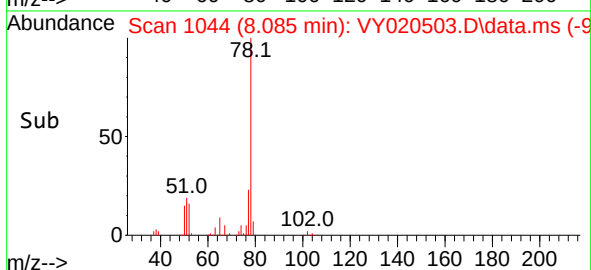
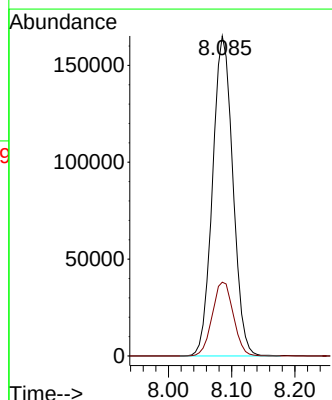
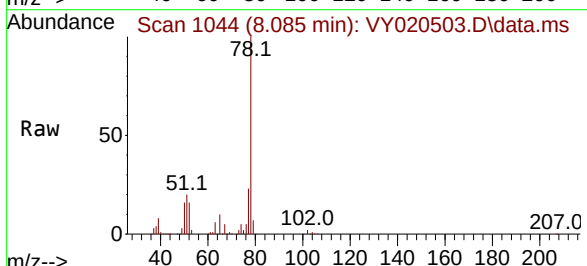
Acq: 03 Dec 2024 16:39

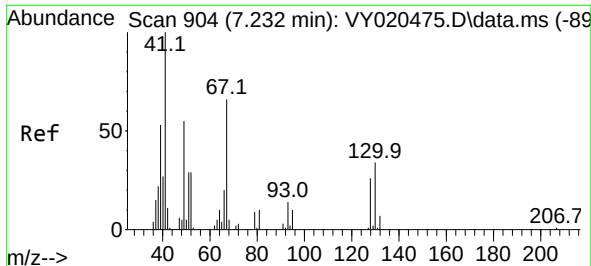
Tgt Ion: 78 Resp: 367775

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

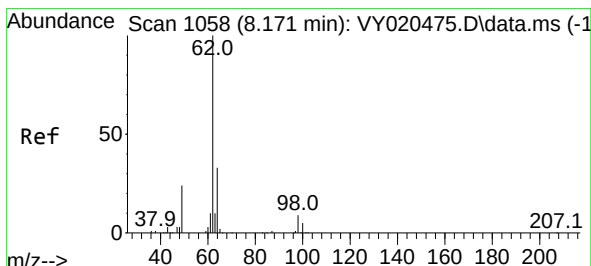
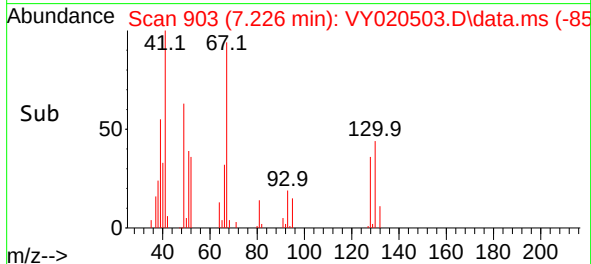
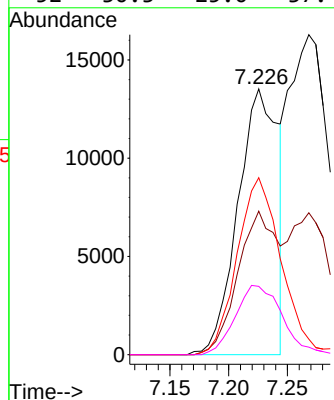
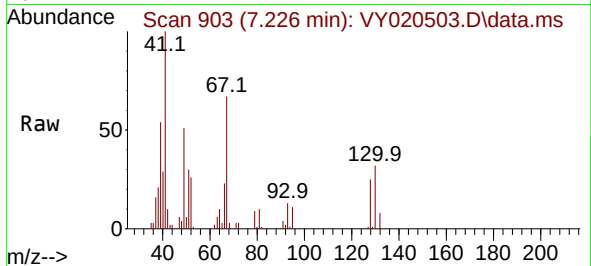




#41
Methacrylonitrile
Concen: 63.967 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

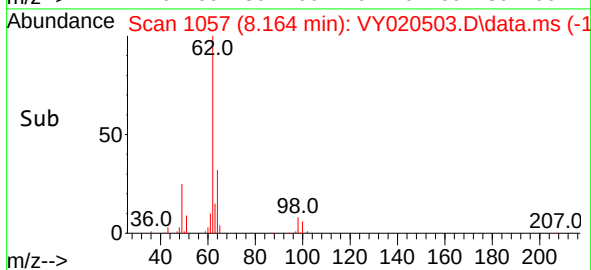
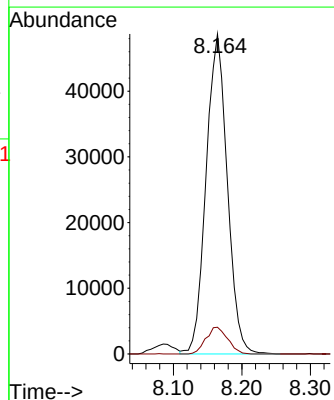
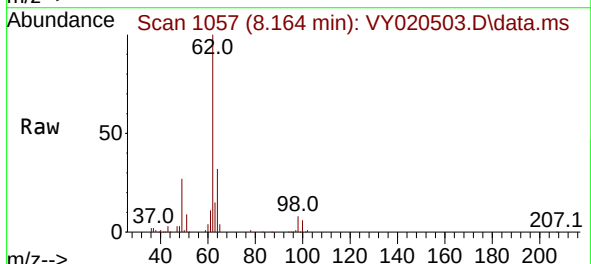
Instrument :
MSVOA_Y
ClientSampleId :

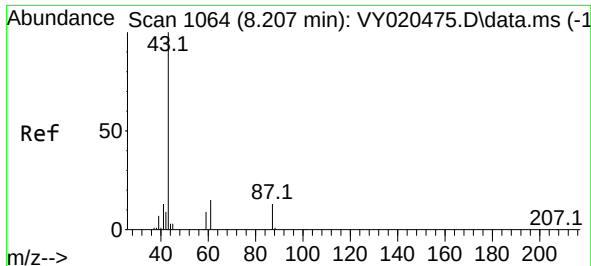
Tgt Ion: 41	Resp: 32321
Ion Ratio	Lower Upper
41 100	
39 52.7	49.0 73.4
67 73.1	57.1 85.7
52 30.3	25.0 37.4



#42
1,2-Dichloroethane
Concen: 60.217 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 62	Resp: 104662
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 18.0





#43

Isopropyl Acetate

Concen: 62.450 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

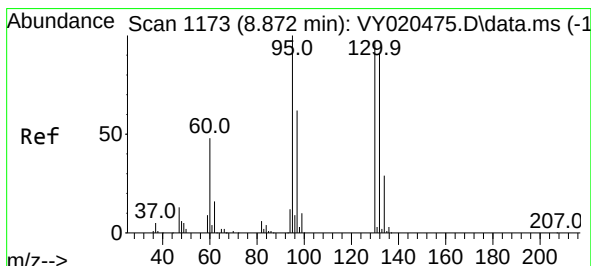
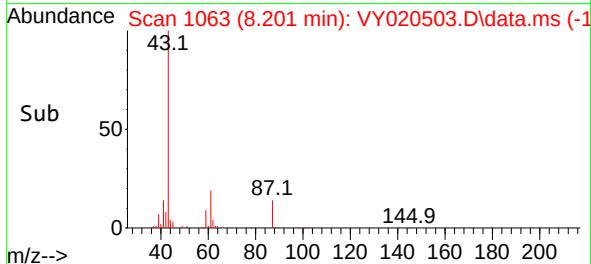
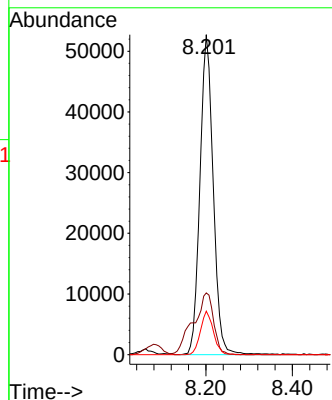
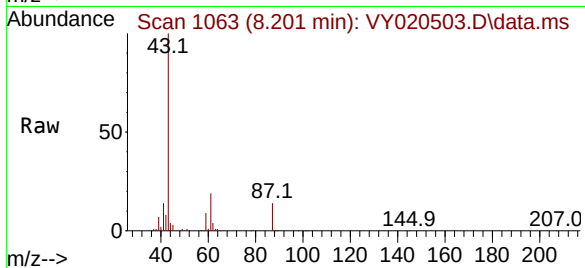
Tgt Ion: 43 Resp: 112084

Ion Ratio Lower Upper

43 100

61 29.6 22.8 34.2

87 13.2 9.6 14.4



#44

Trichloroethene

Concen: 54.421 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY020503.D

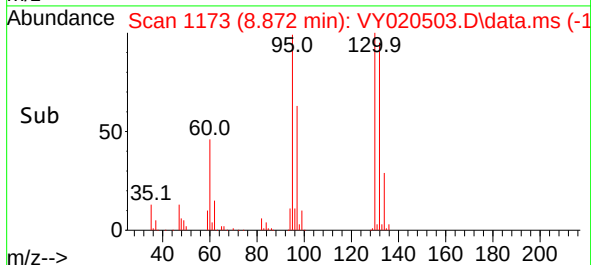
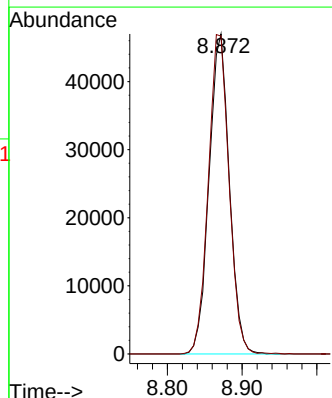
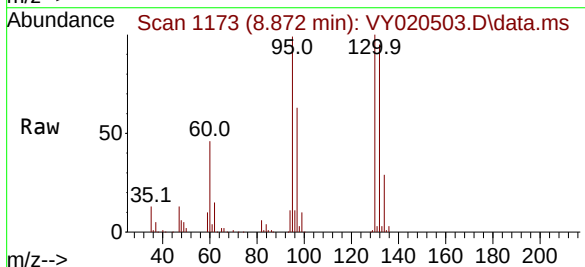
Acq: 03 Dec 2024 16:39

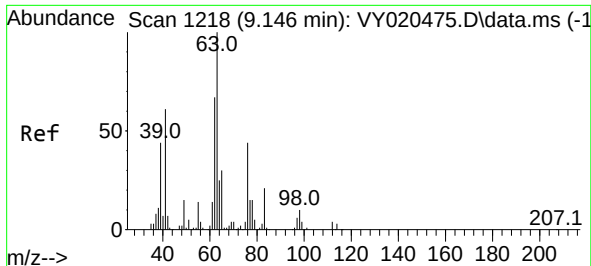
Tgt Ion:130 Resp: 88743

Ion Ratio Lower Upper

130 100

95 99.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 55.992 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

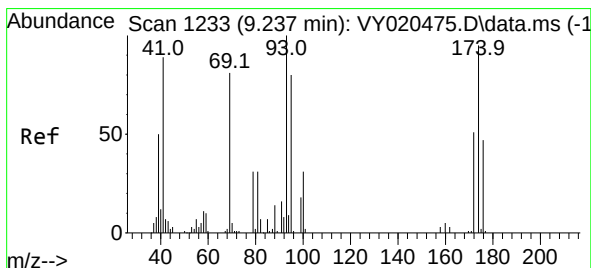
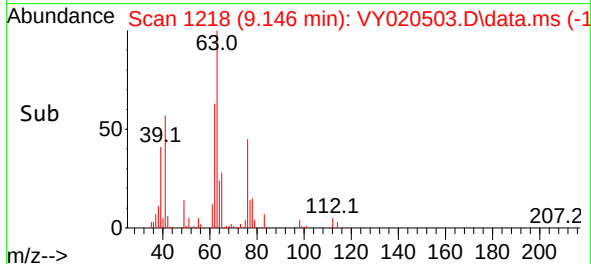
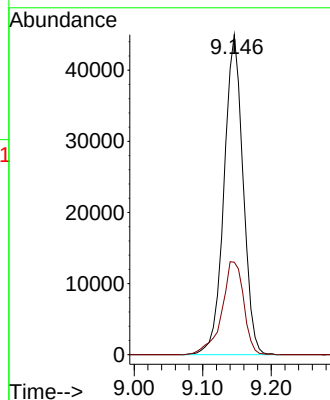
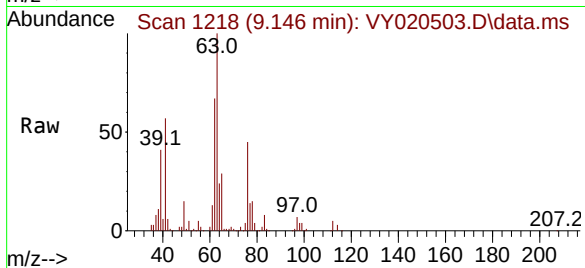
ClientSampleId :

Tgt Ion: 63 Resp: 86670

Ion Ratio Lower Upper

63 100

65 28.9 24.2 36.4



#46

Dibromomethane

Concen: 60.433 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

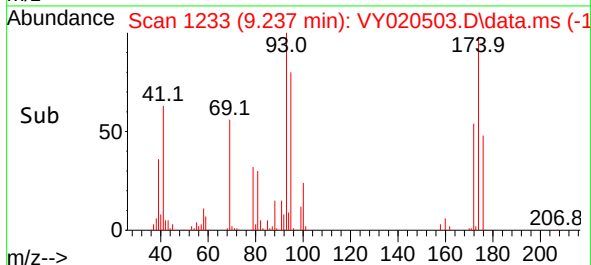
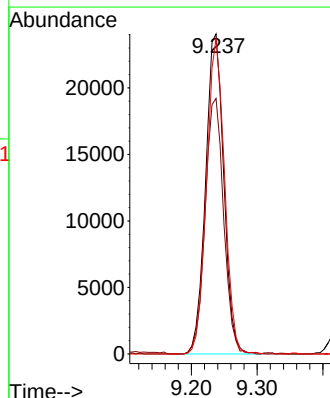
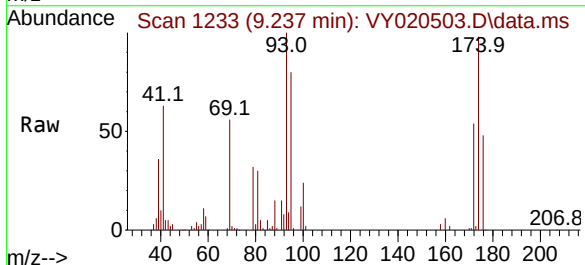
Tgt Ion: 93 Resp: 46316

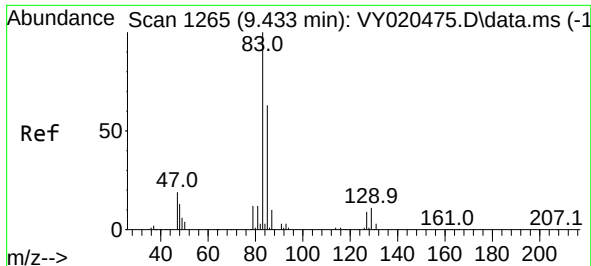
Ion Ratio Lower Upper

93 100

95 81.4 65.3 97.9

174 97.1 74.4 111.6

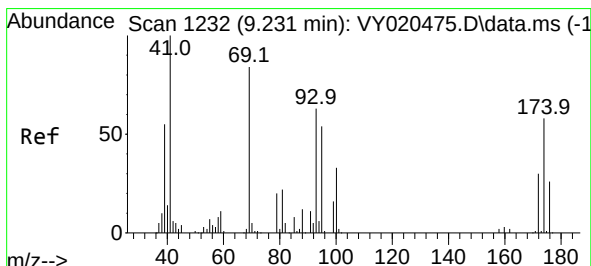
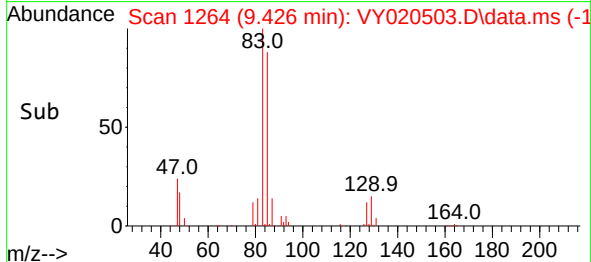
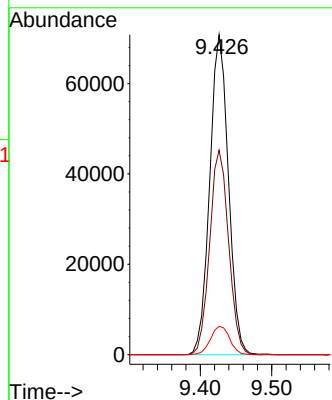
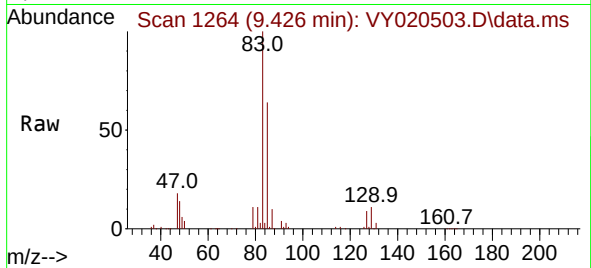




#47
Bromodichloromethane
Concen: 56.920 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

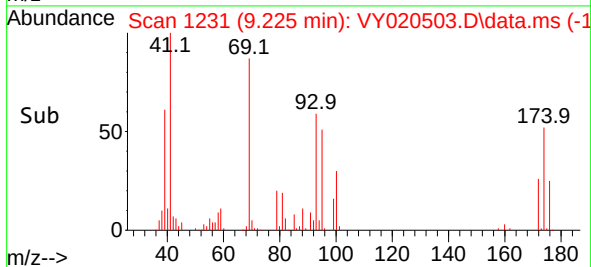
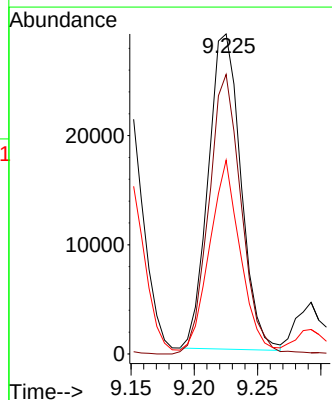
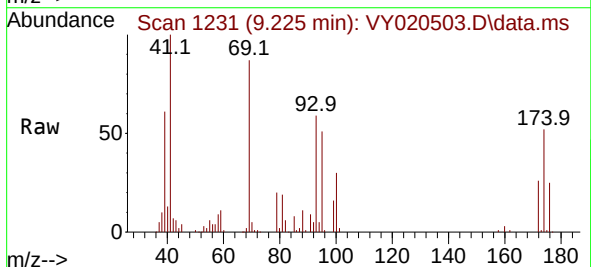
Instrument :
MSVOA_Y
ClientSampleId :

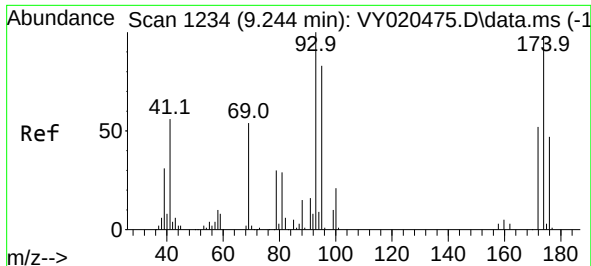
Tgt Ion: 83 Resp: 128526
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 62.107 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 41 Resp: 51979
Ion Ratio Lower Upper
41 100
69 87.9 66.1 99.1
39 58.6 46.0 69.0





#49

1,4-Dioxane

Concen: 1286.161 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

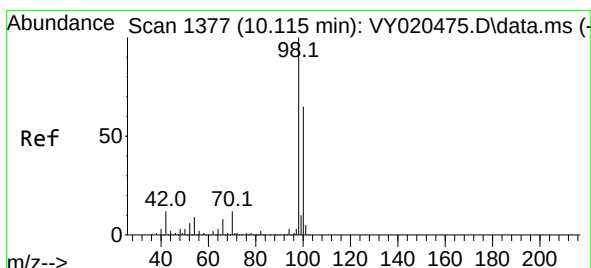
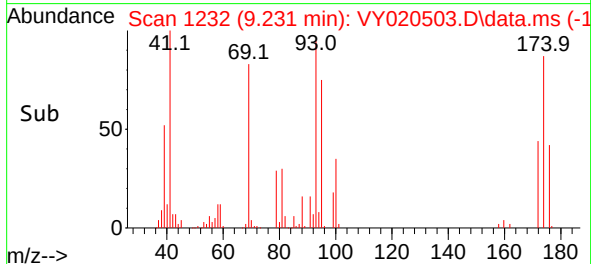
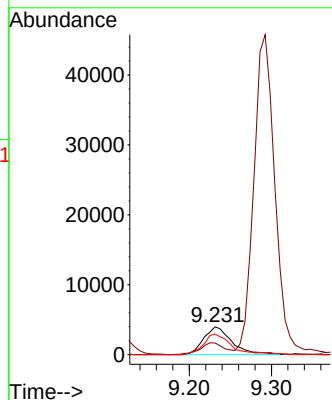
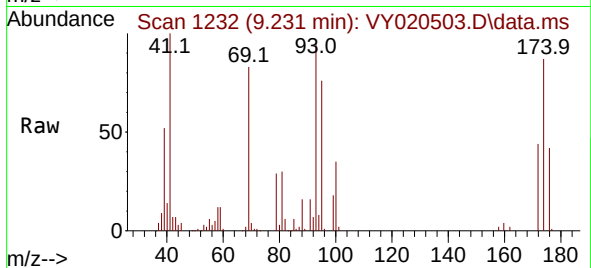
Tgt Ion: 88 Resp: 9422

Ion Ratio Lower Upper

88 100

43 38.3 24.6 37.0#

58 75.8 59.6 89.4



#50

Toluene-d8

Concen: 54.287 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020503.D

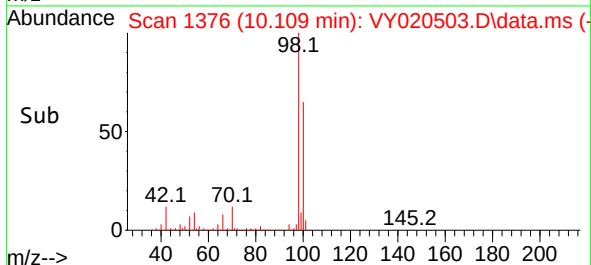
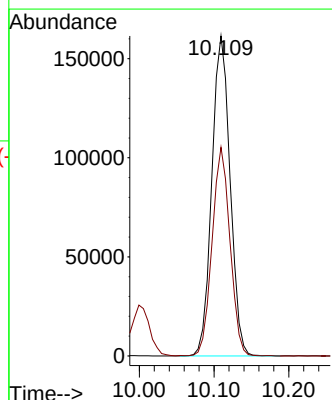
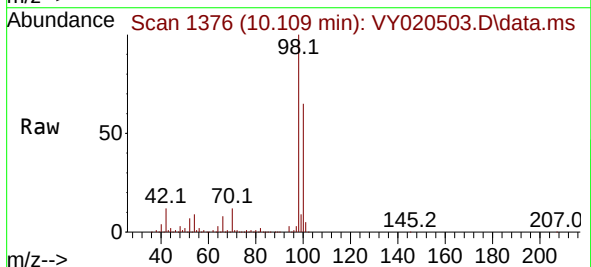
Acq: 03 Dec 2024 16:39

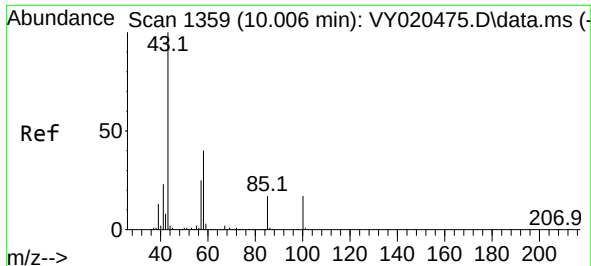
Tgt Ion: 98 Resp: 274629

Ion Ratio Lower Upper

98 100

100 63.8 51.3 76.9

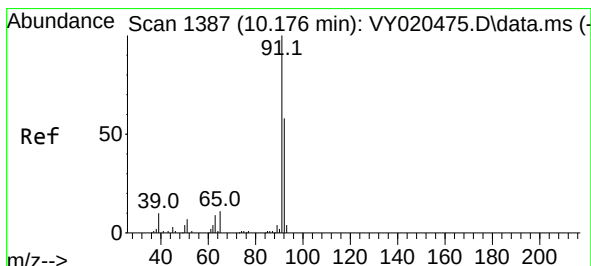
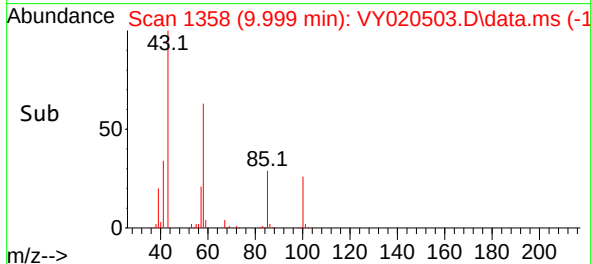
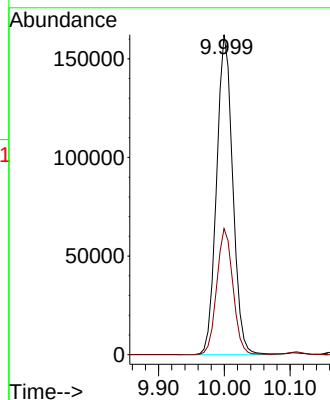
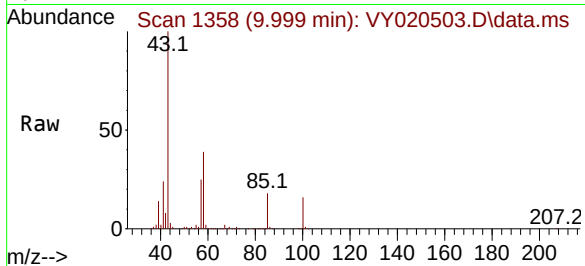




#51
4-Methyl-2-Pentanone
Concen: 313.312 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

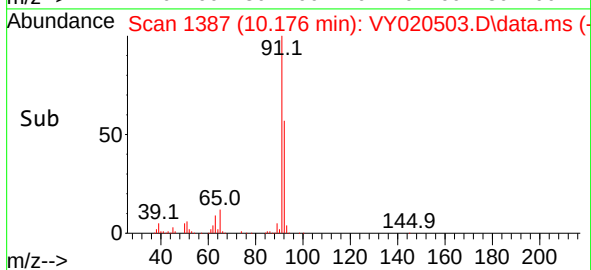
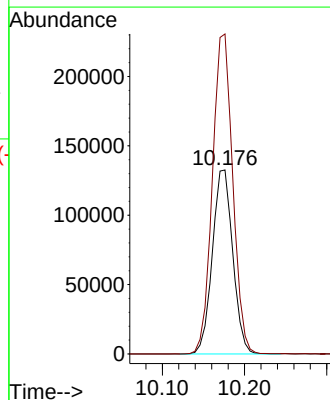
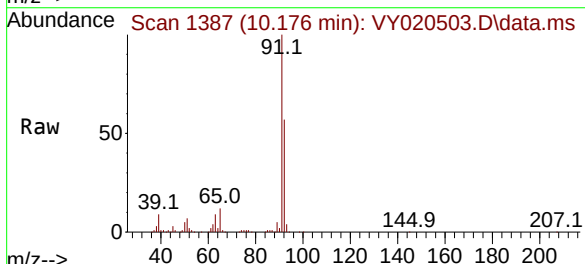
Instrument :
MSVOA_Y
ClientSampleId :

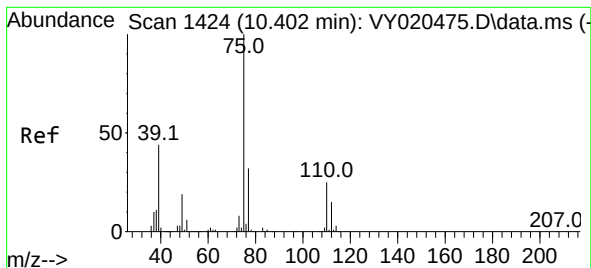
Tgt Ion: 43 Resp: 277704
Ion Ratio Lower Upper
43 100
58 39.5 30.9 46.3



#52
Toluene
Concen: 55.419 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 92 Resp: 228715
Ion Ratio Lower Upper
92 100
91 173.3 139.7 209.5

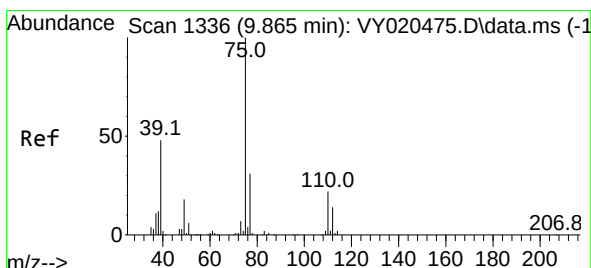
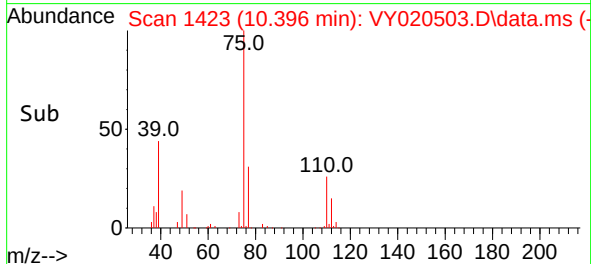
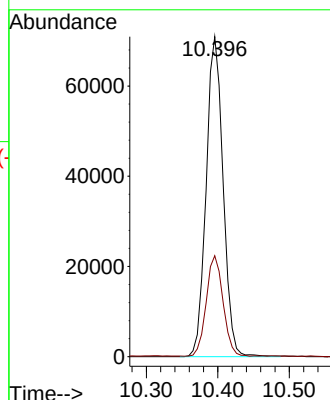
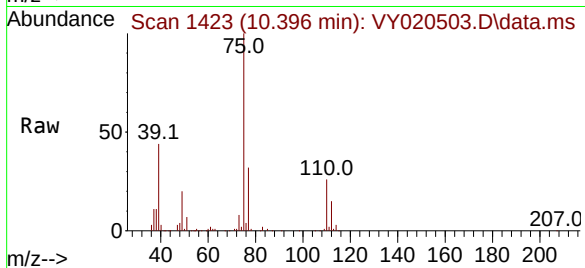




#53
t-1,3-Dichloropropene
Concen: 57.595 ug/l
RT: 10.396 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

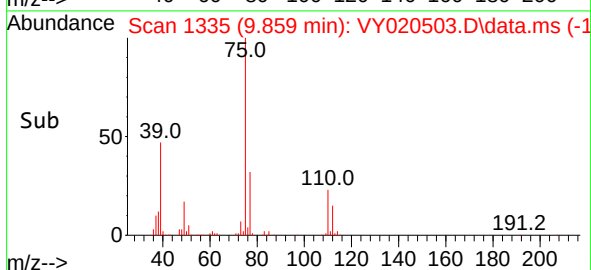
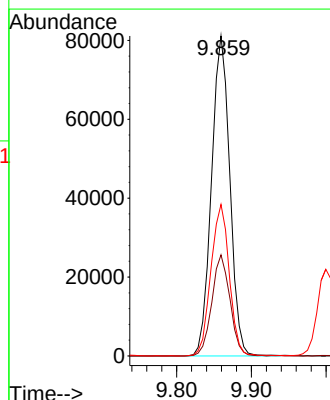
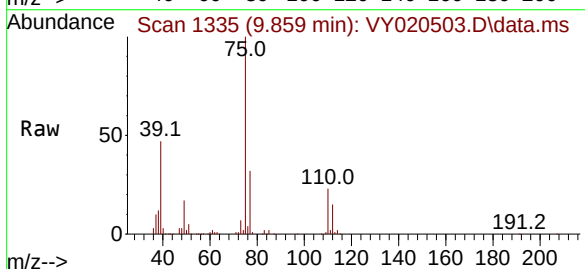
Instrument :
MSVOA_Y
ClientSampleId :

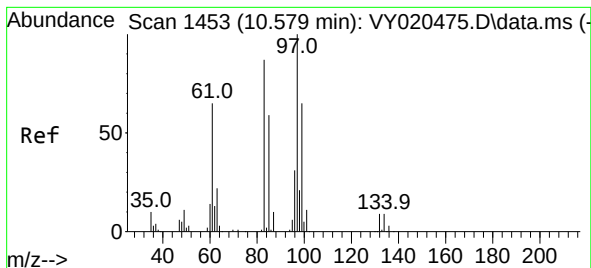
Tgt Ion: 75 Resp: 116757
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 57.652 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 75 Resp: 138122
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 47.3 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 58.965 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 60283

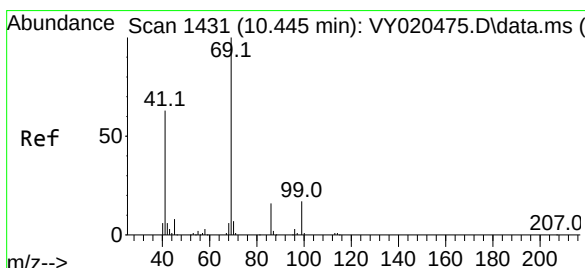
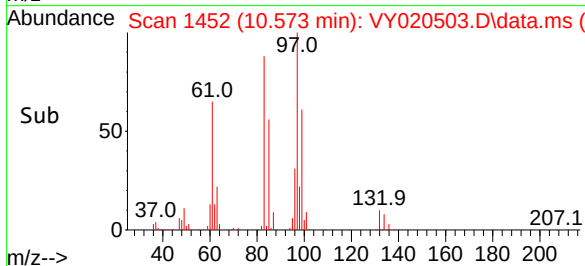
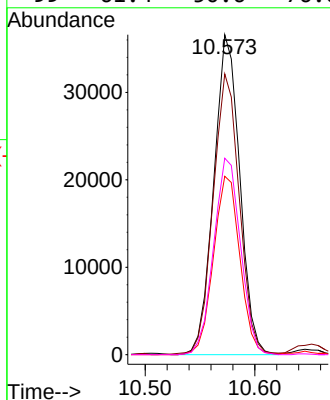
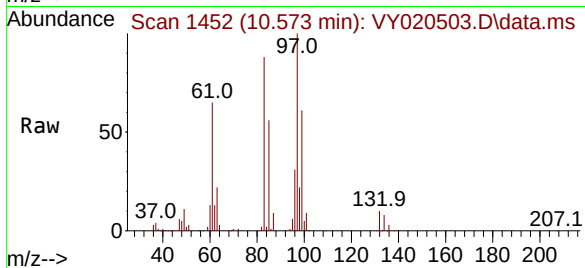
Ion Ratio Lower Upper

97 100

83 87.3 70.8 106.2

85 55.7 44.9 67.3

99 61.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 62.376 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

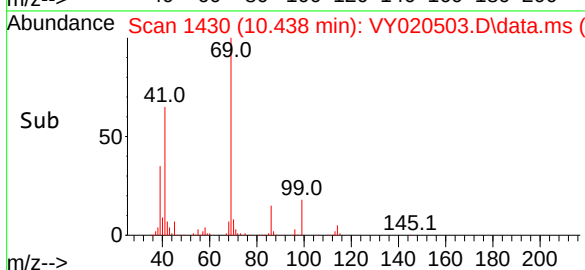
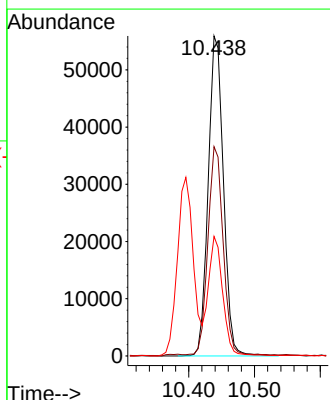
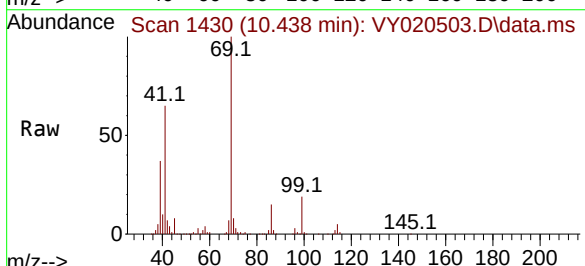
Tgt Ion: 69 Resp: 90231

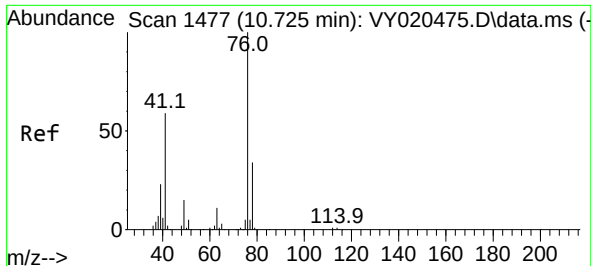
Ion Ratio Lower Upper

69 100

41 65.0 56.1 84.1

39 34.8 29.7 44.5





#57

1,3-Dichloropropane

Concen: 59.450 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

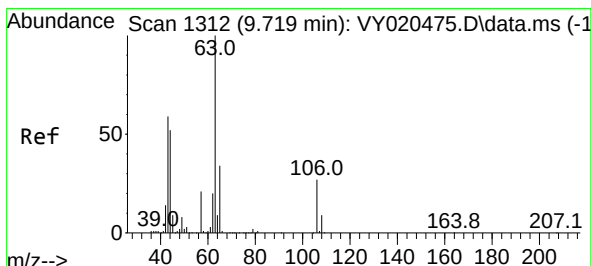
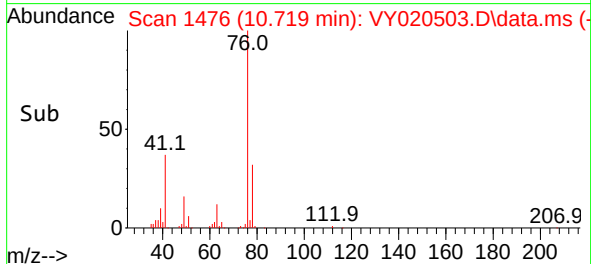
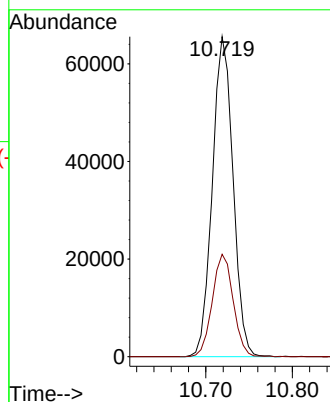
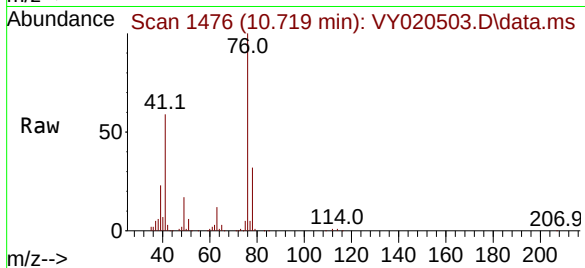
ClientSampleId :

Tgt Ion: 76 Resp: 108836

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 274.331 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020503.D

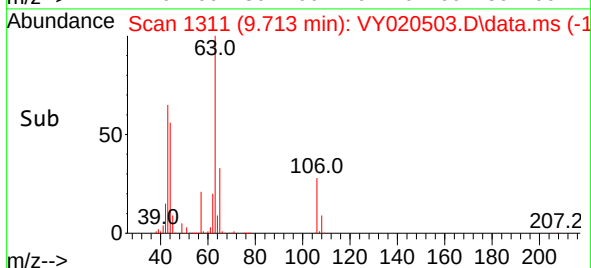
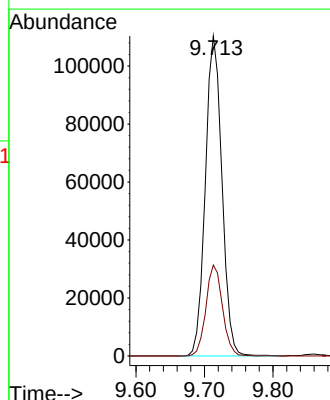
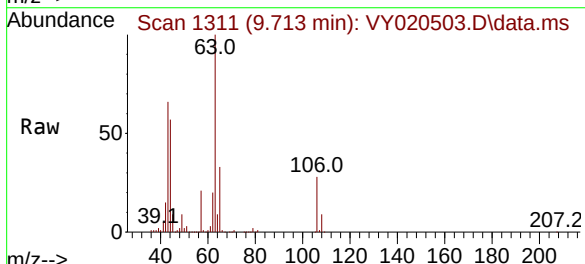
Acq: 03 Dec 2024 16:39

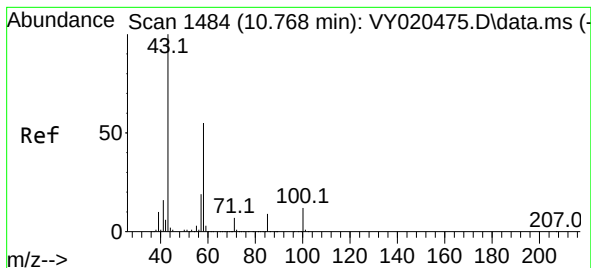
Tgt Ion: 63 Resp: 185802

Ion Ratio Lower Upper

63 100

106 28.2 21.0 31.4

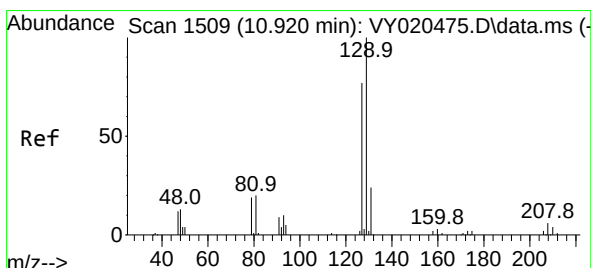
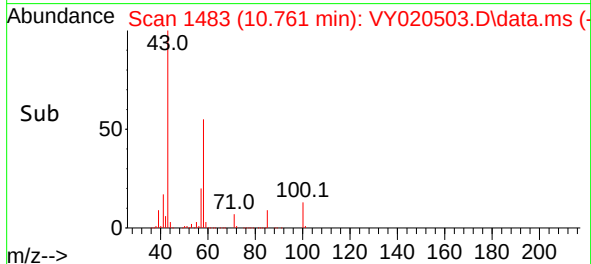
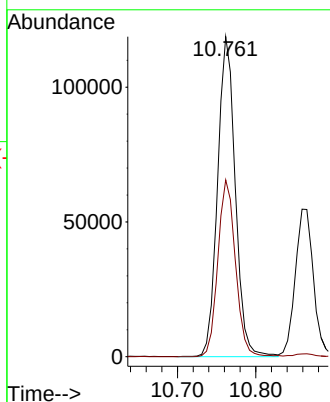
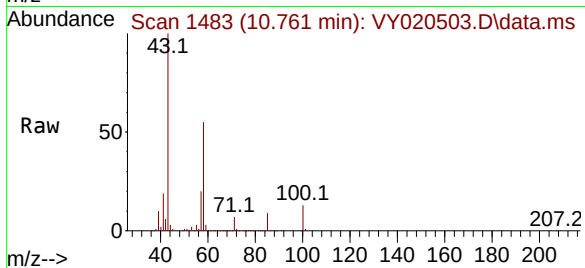




#59
2-Hexanone
Concen: 292.727 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

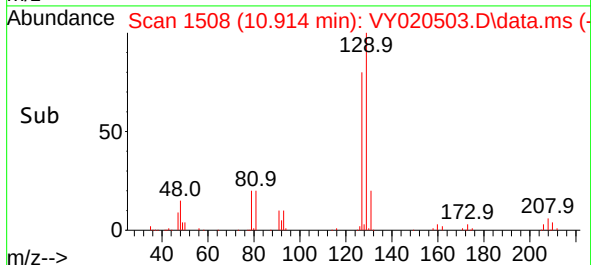
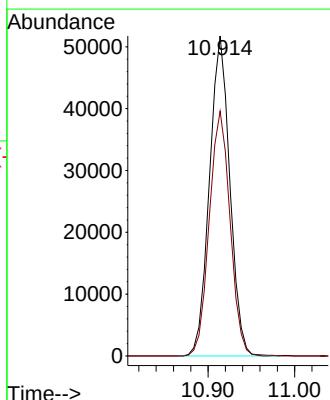
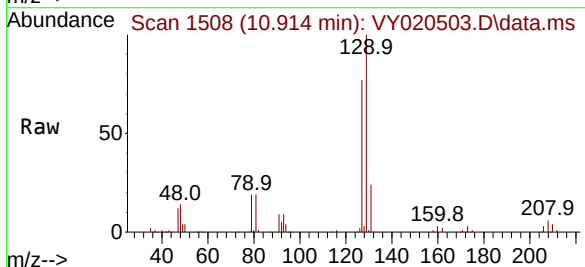
Instrument :
MSVOA_Y
ClientSampleId :

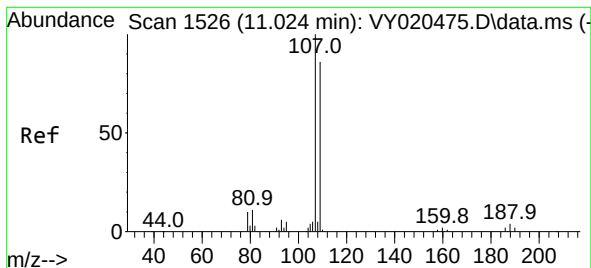
Tgt Ion: 43 Resp: 187176
Ion Ratio Lower Upper
43 100
58 54.9 26.4 79.2



#60
Dibromochloromethane
Concen: 59.447 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 129 Resp: 84614
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

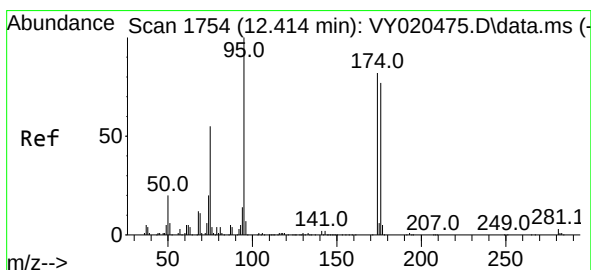
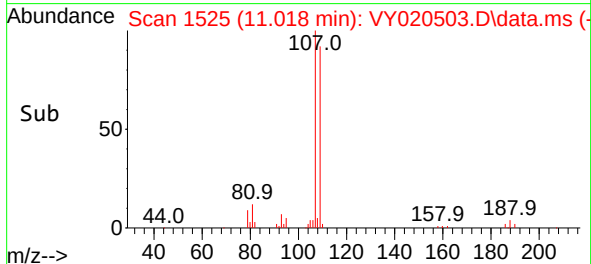
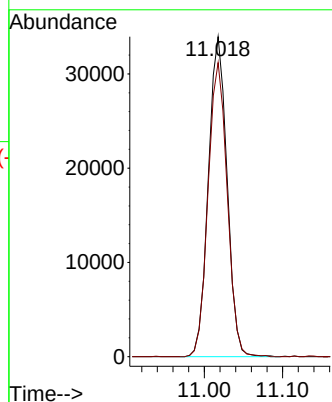
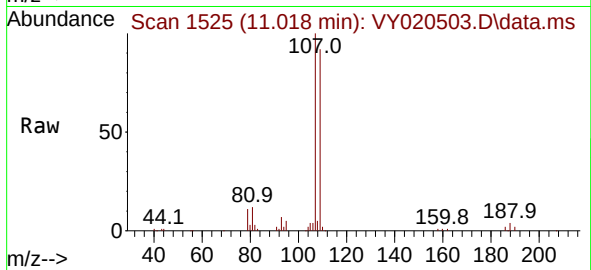




#61
1,2-Dibromoethane
Concen: 60.137 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

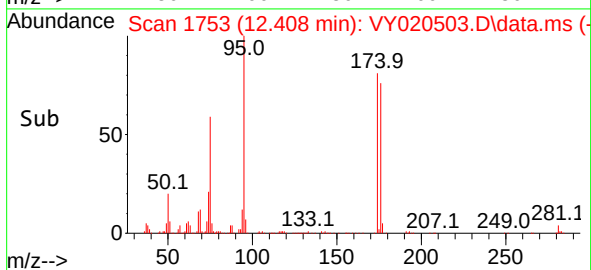
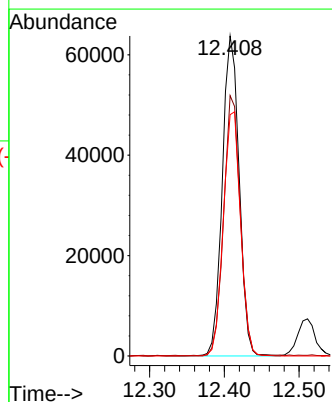
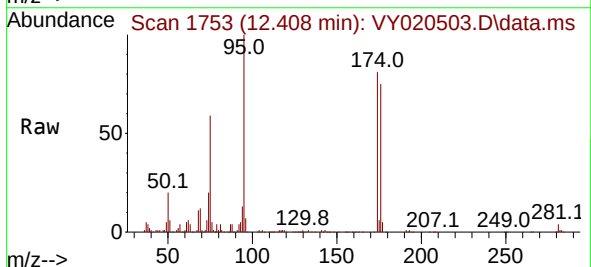
Instrument :
MSVOA_Y
ClientSampleId :

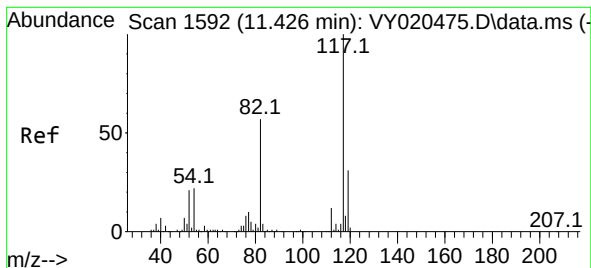
Tgt Ion:107 Resp: 56223
Ion Ratio Lower Upper
107 100
109 94.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 56.511 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 95 Resp: 99984
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 78.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

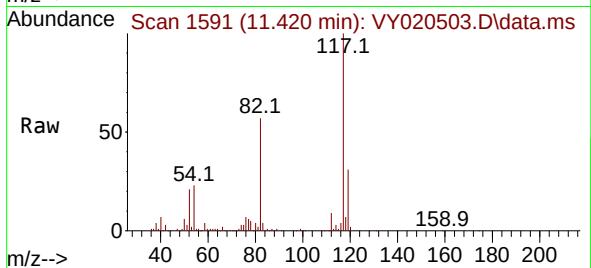
Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :



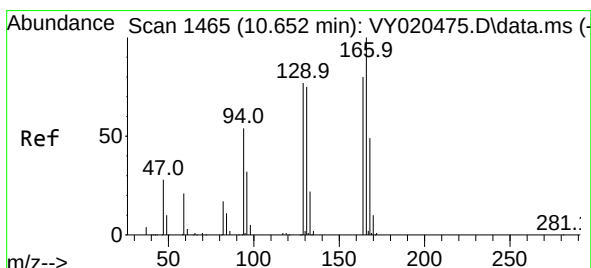
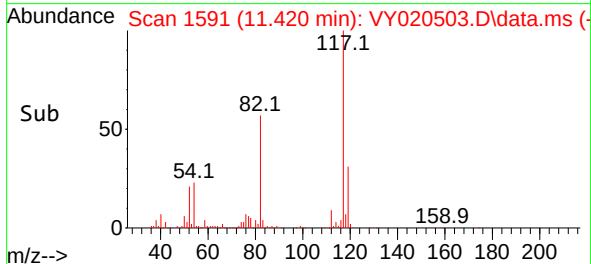
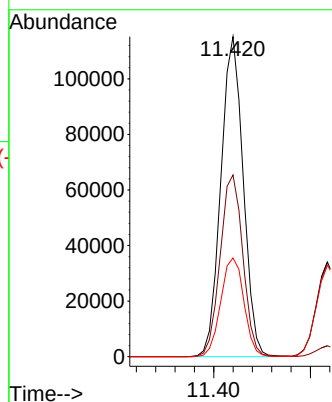
Tgt Ion:117 Resp: 184393

Ion Ratio Lower Upper

117 100

82 56.8 48.2 72.4

119 30.9 25.8 38.8



#64

Tetrachloroethene

Concen: 54.249 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Tgt Ion:164 Resp: 84524

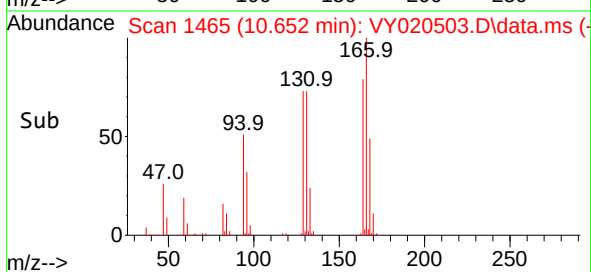
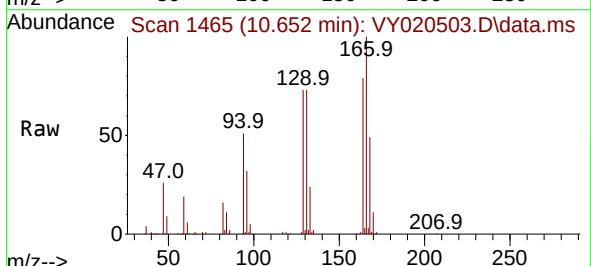
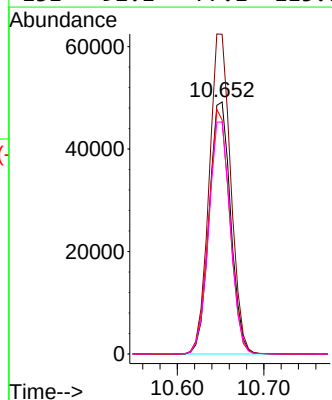
Ion Ratio Lower Upper

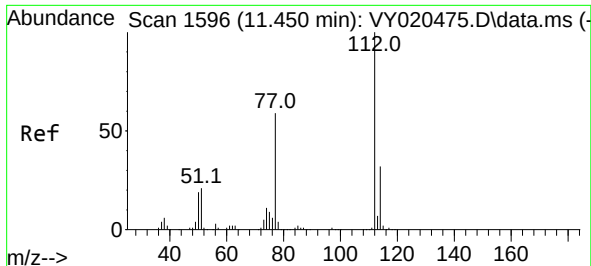
164 100

166 126.8 103.8 155.8

129 92.8 79.0 118.4

131 92.1 77.1 115.7





#65

Chlorobenzene

Concen: 52.952 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

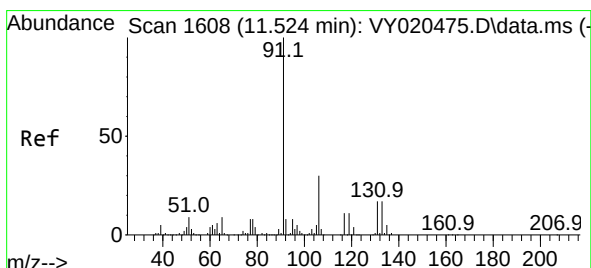
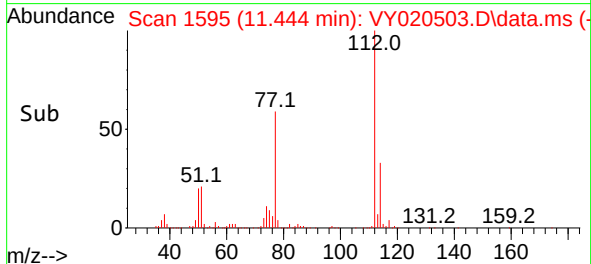
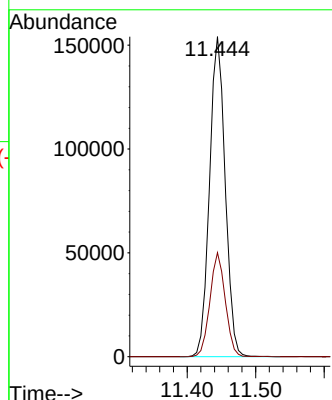
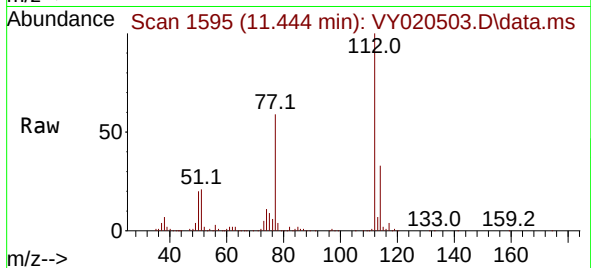
ClientSampleId :

Tgt Ion:112 Resp: 244737

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.034 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

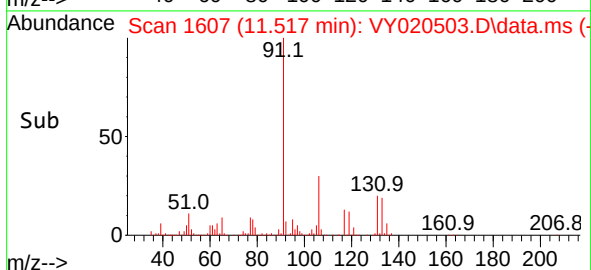
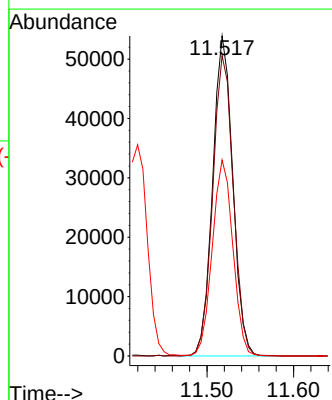
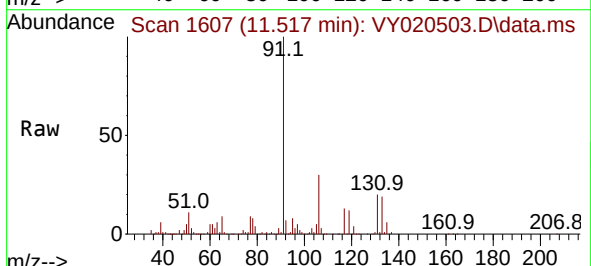
Tgt Ion:131 Resp: 86929

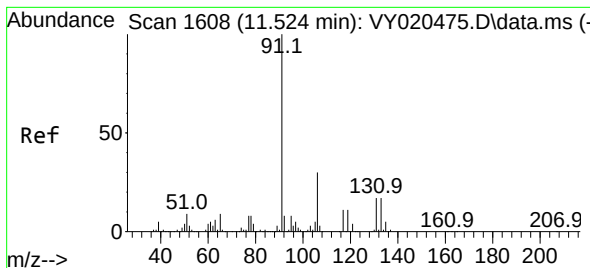
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 62.6 32.5 97.5





#67

Ethyl Benzene

Concen: 51.049 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

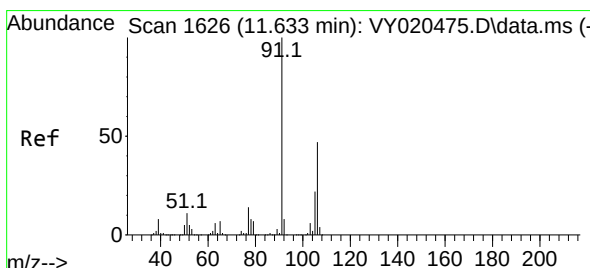
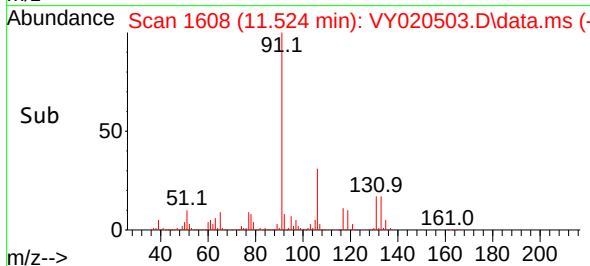
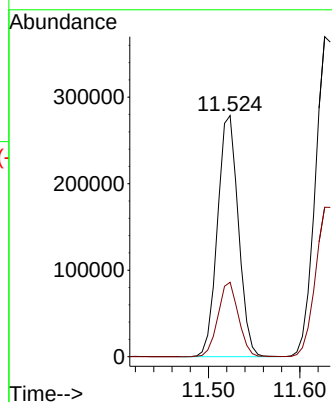
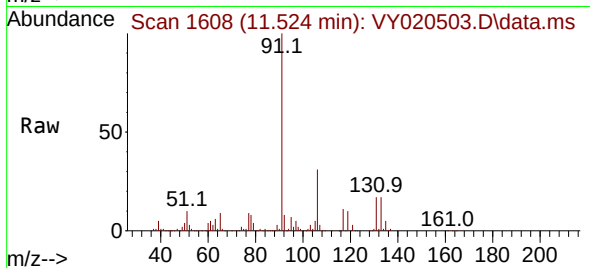
ClientSampleId :

Tgt Ion: 91 Resp: 442260

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9



#68

m/p-Xylenes

Concen: 102.520 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020503.D

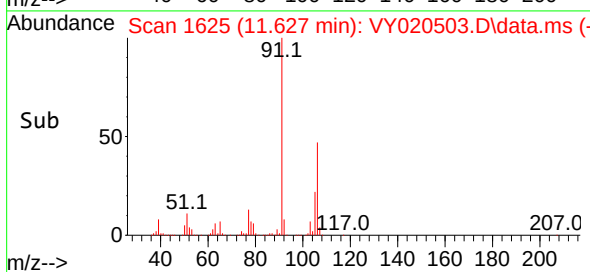
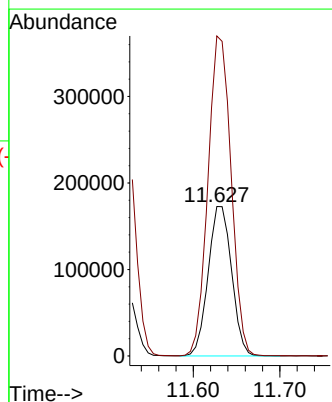
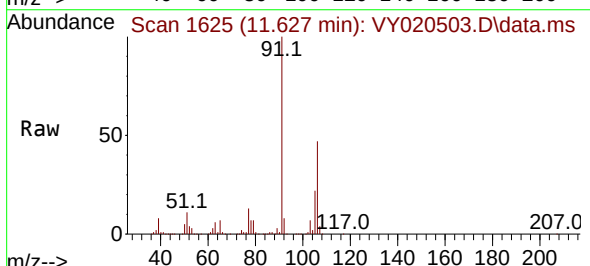
Acq: 03 Dec 2024 16:39

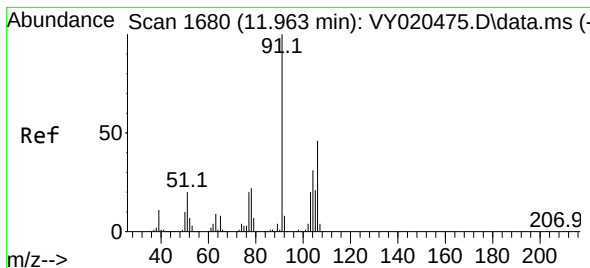
Tgt Ion:106 Resp: 325222

Ion Ratio Lower Upper

106 100

91 211.3 166.0 249.0

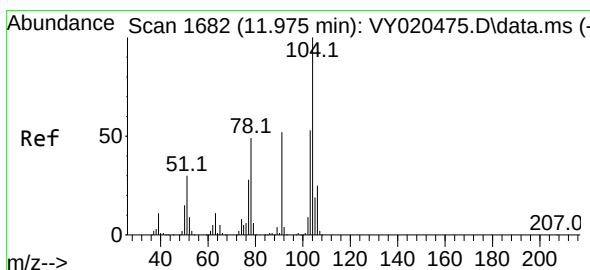
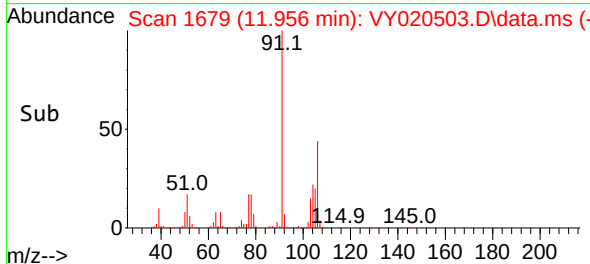
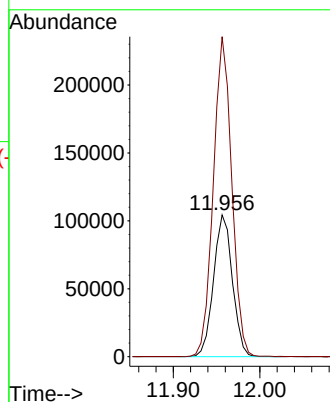
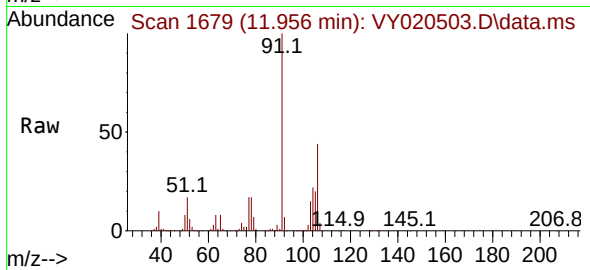




#69
o-Xylene
Concen: 53.109 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

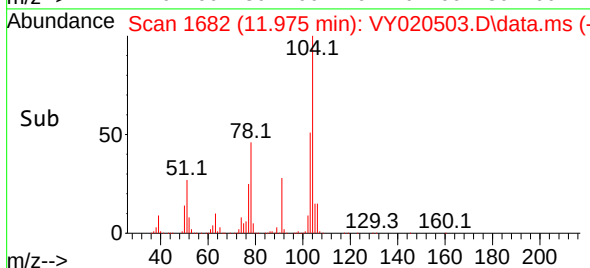
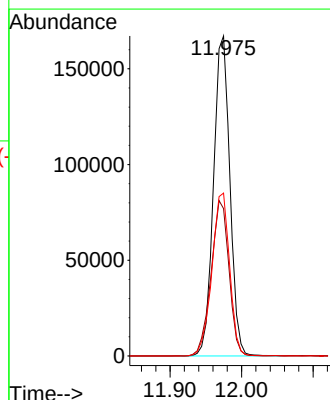
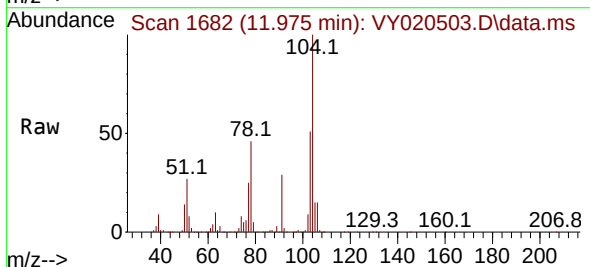
Instrument :
MSVOA_Y
ClientSampleId :

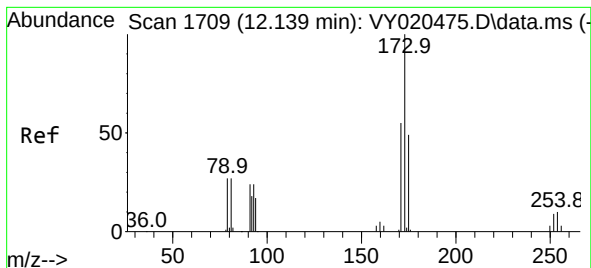
Tgt Ion:106 Resp: 157835
Ion Ratio Lower Upper
106 100
91 221.1 110.0 330.0



#70
Styrene
Concen: 53.526 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion:104 Resp: 265394
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 57.690 ug/l

RT: 12.133 min Scan# 1709

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

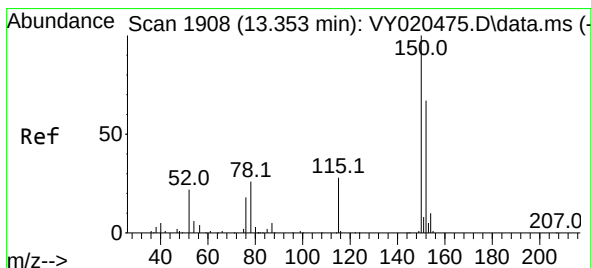
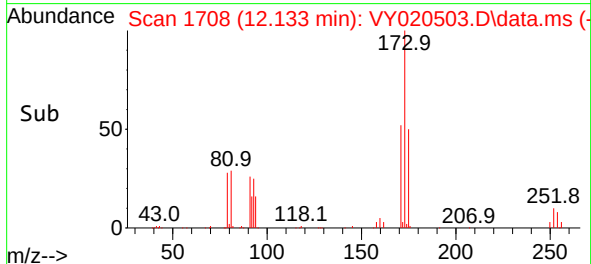
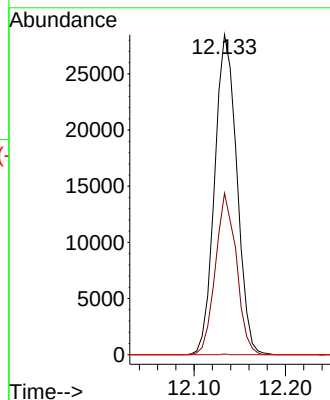
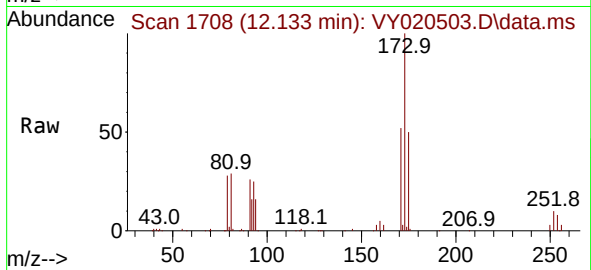
Tgt Ion:173 Resp: 48077

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

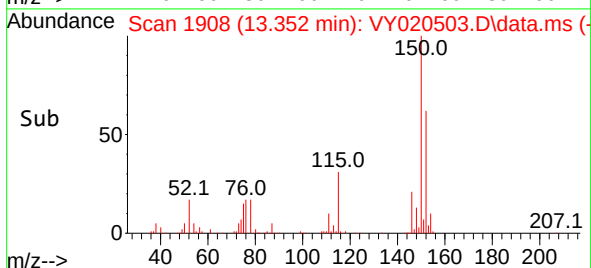
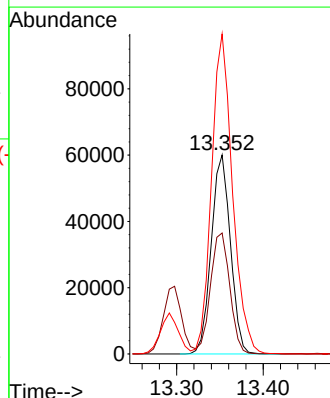
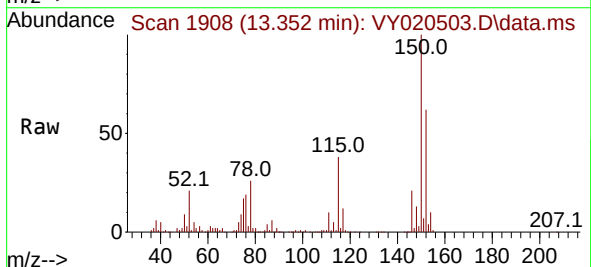
Tgt Ion:152 Resp: 92467

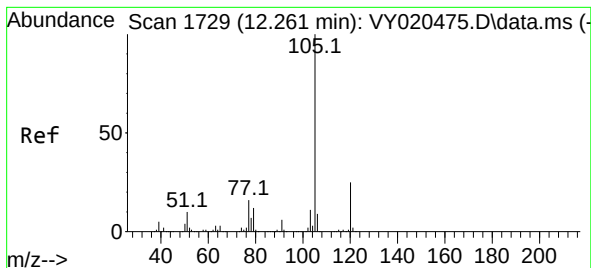
Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

150 175.5 0.0 348.2





#73

Isopropylbenzene

Concen: 47.016 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

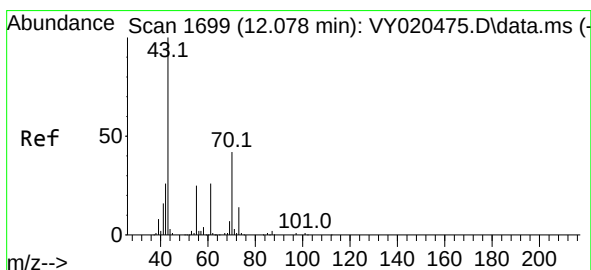
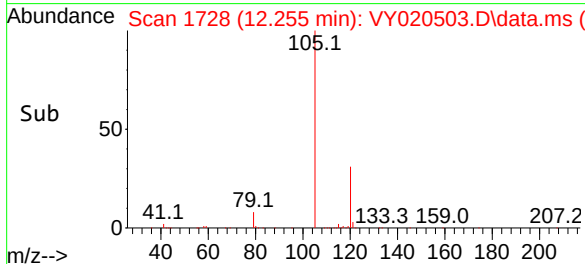
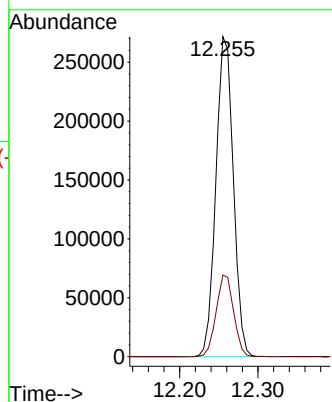
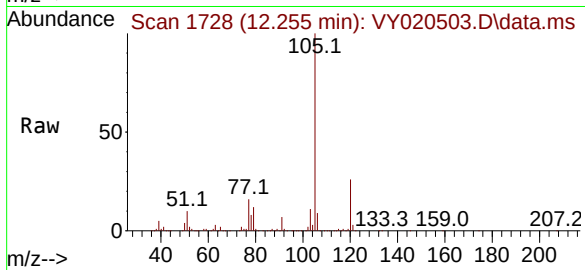
ClientSampleId :

Tgt Ion:105 Resp: 420634

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.1



#74

N-ethyl acetate

Concen: 54.478 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Tgt Ion: 43 Resp: 95529

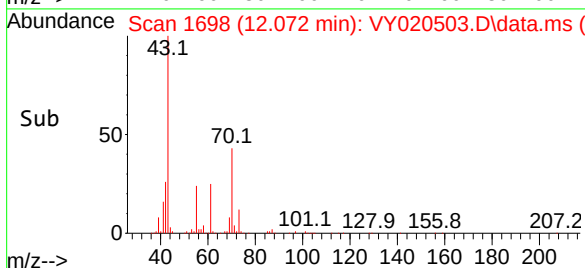
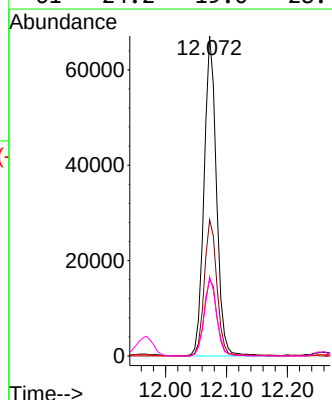
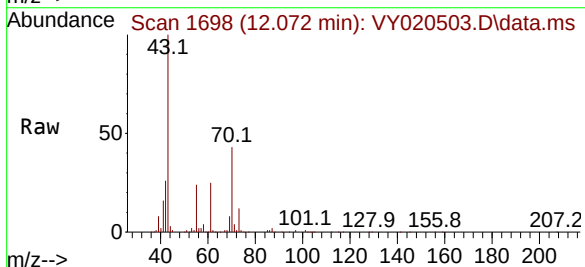
Ion Ratio Lower Upper

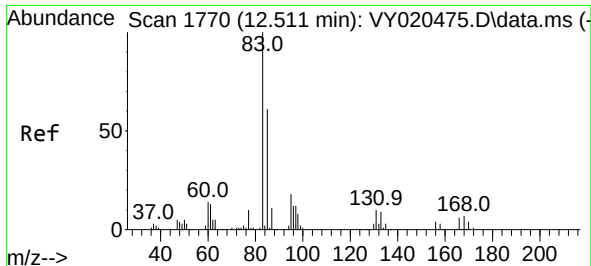
43 100

70 42.8 32.9 49.3

55 25.3 19.3 28.9

61 24.2 19.0 28.4

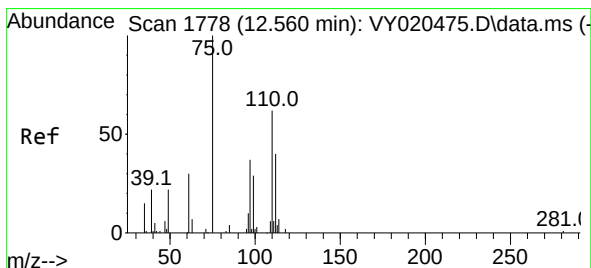
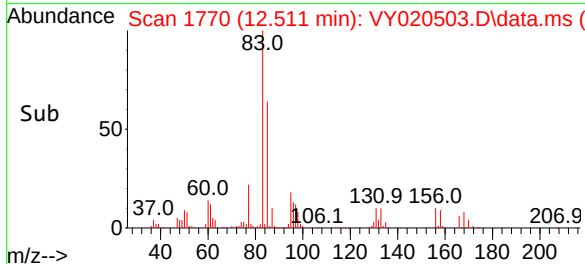
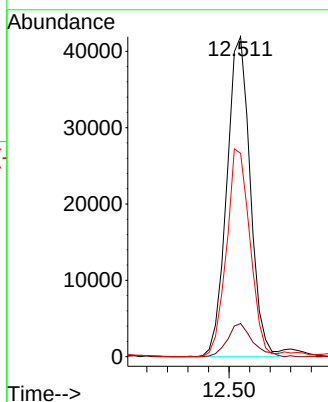
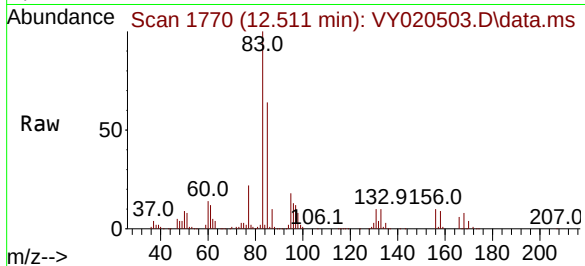




#75
1,1,2,2-Tetrachloroethane
Concen: 51.637 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

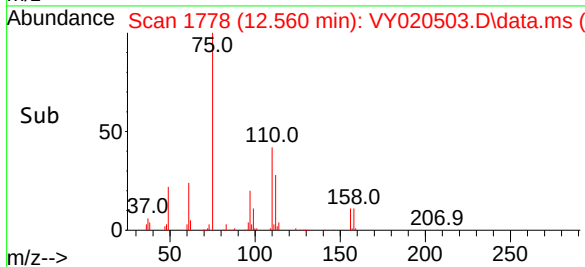
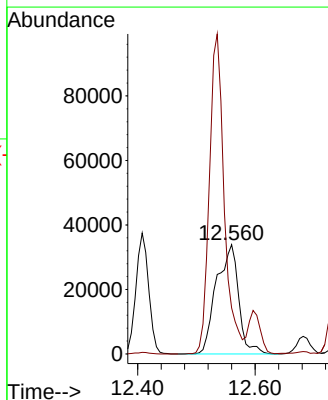
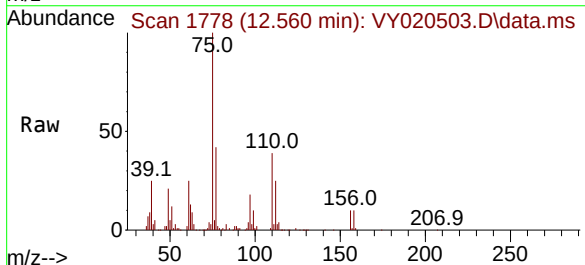
Instrument :
MSVOA_Y
ClientSampleId :

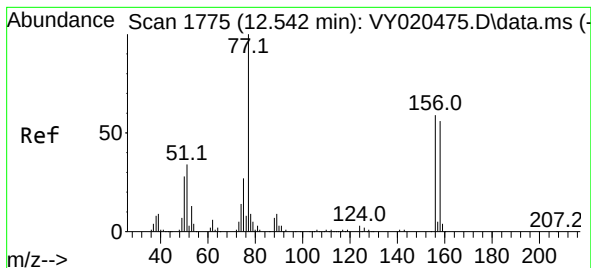
Tgt Ion: 83 Resp: 66436
Ion Ratio Lower Upper
83 100
131 11.1 4.8 14.4
85 65.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 94.628 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 75 Resp: 89135
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.252 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020503.D

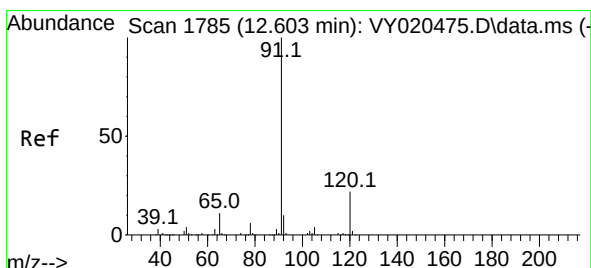
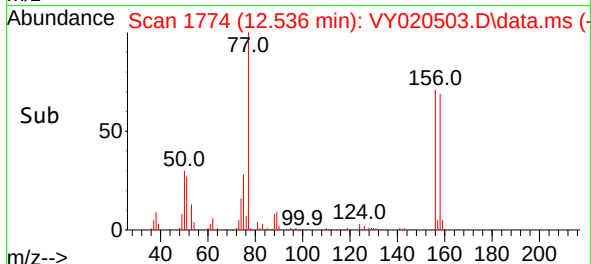
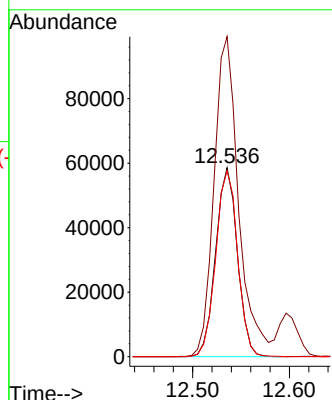
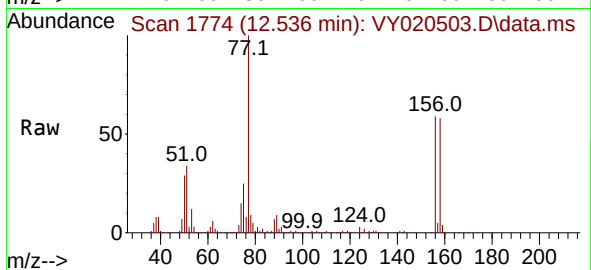
Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	91252
Ion Ratio	Lower	Upper	
156	100		
77	190.7	97.2	291.6
158	99.2	47.8	143.4



#78

n-propylbenzene

Concen: 46.832 ug/l

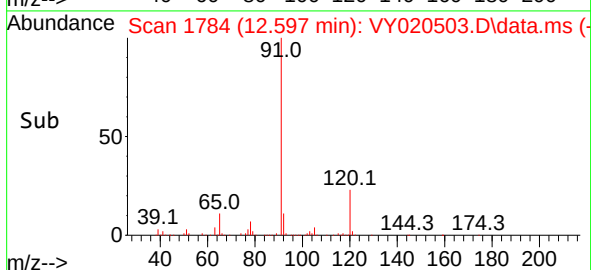
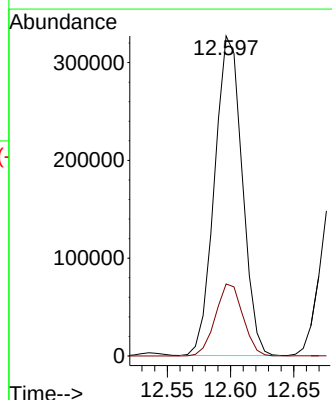
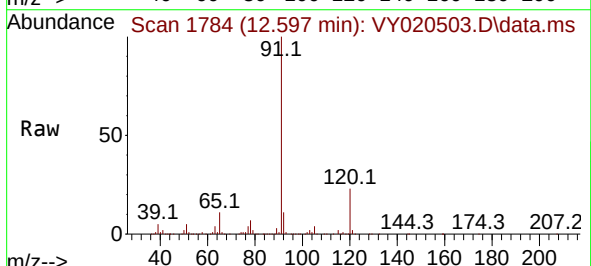
RT: 12.597 min Scan# 1784

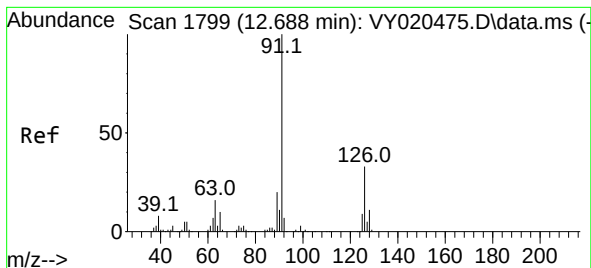
Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Tgt Ion:	91	Resp:	496070
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.6

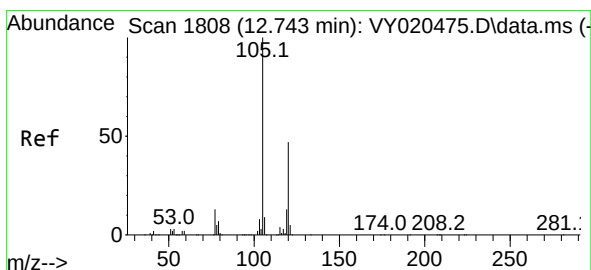
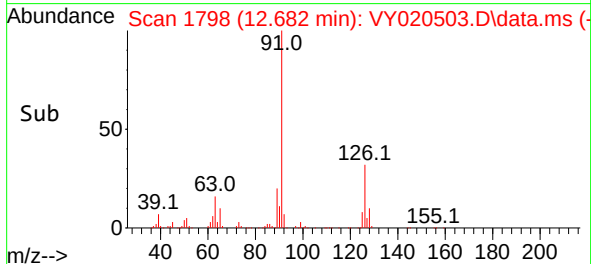
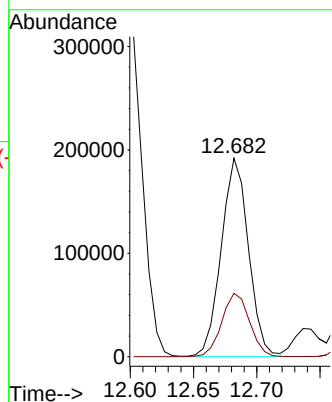
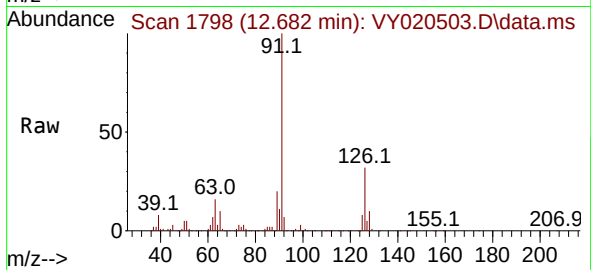




#79
2-Chlorotoluene
Concen: 47.926 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

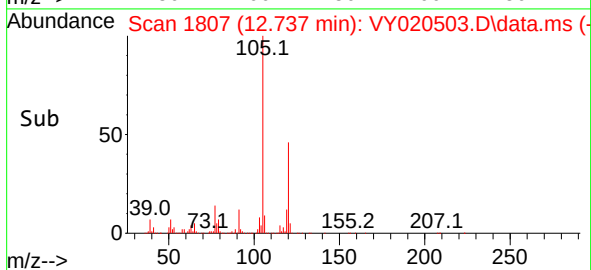
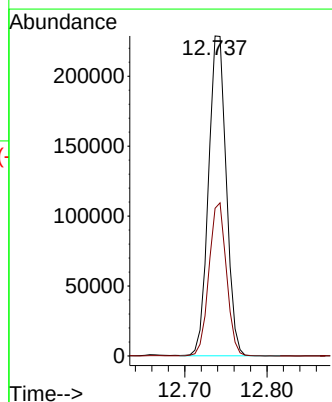
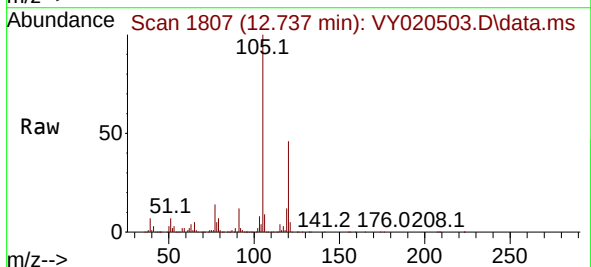
Instrument :
MSVOA_Y
ClientSampleId :

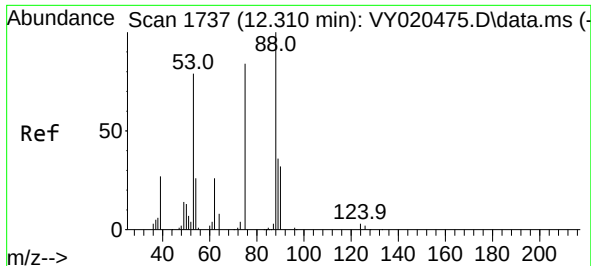
Tgt Ion: 91 Resp: 286462
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 47.805 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 105 Resp: 342745
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

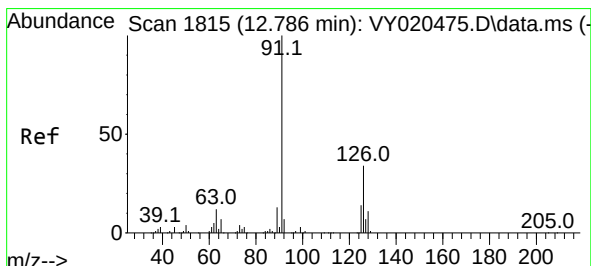
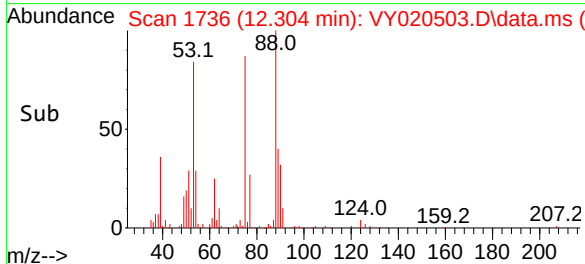
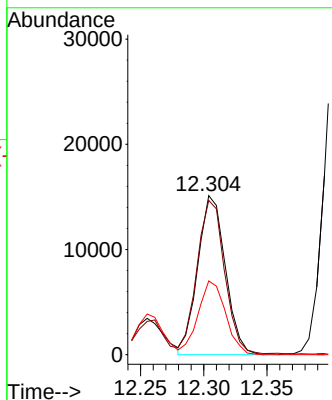
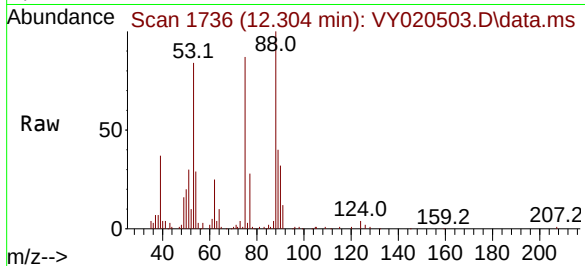




#81
trans-1,4-Dichloro-2-butene
Concen: 50.116 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

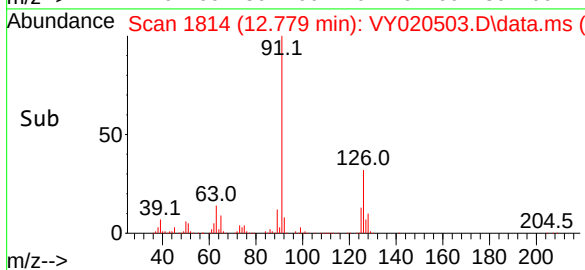
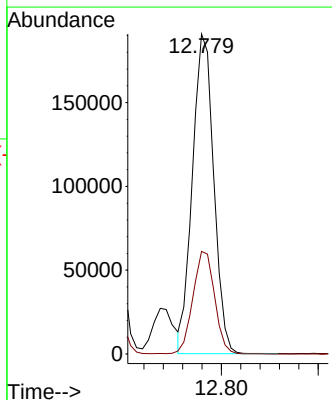
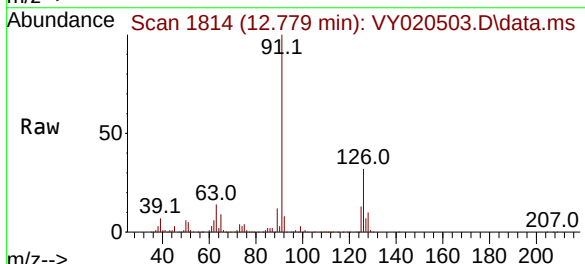
Instrument :
MSVOA_Y
ClientSampleId :

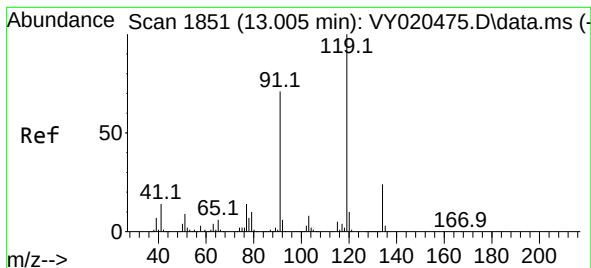
Tgt Ion: 75 Resp: 23007
Ion Ratio Lower Upper
75 100
53 97.2 81.1 121.7
89 46.3 35.1 52.7



#82
4-Chlorotoluene
Concen: 47.843 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 91 Resp: 291822
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 46.675 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

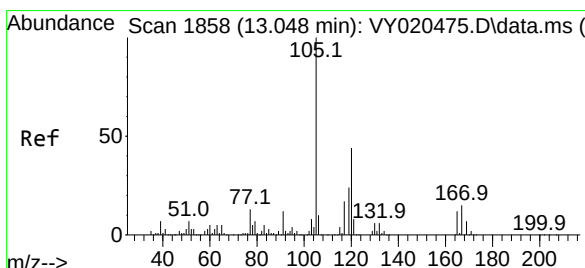
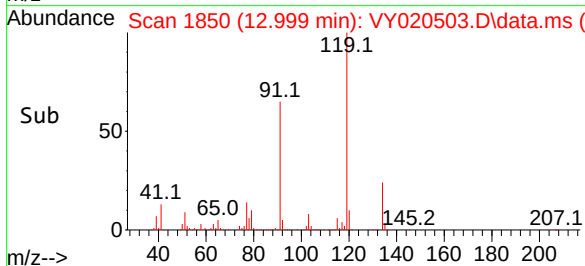
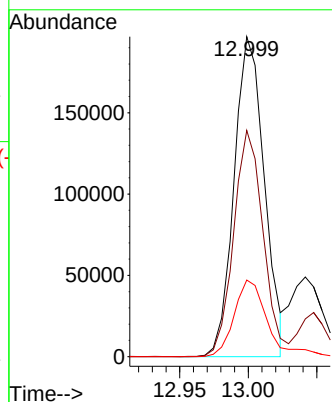
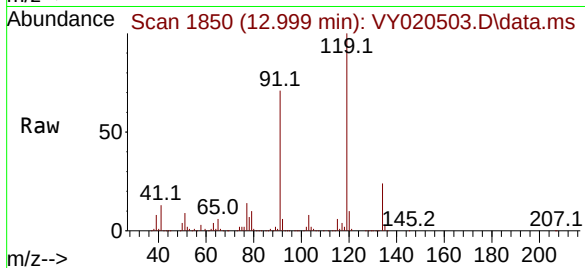
Tgt Ion:119 Resp: 302547

Ion Ratio Lower Upper

119 100

91 69.1 33.3 99.9

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.927 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020503.D

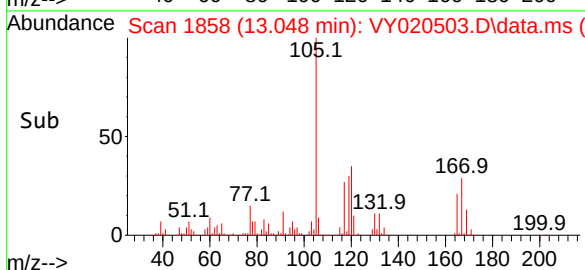
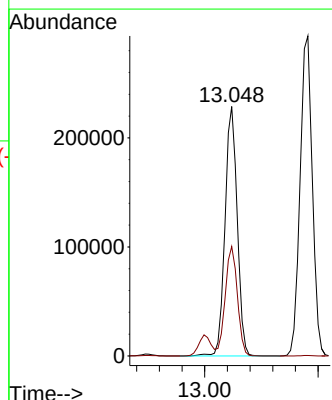
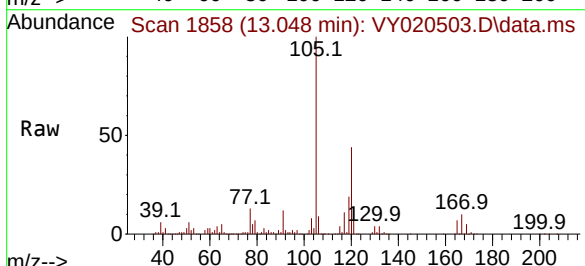
Acq: 03 Dec 2024 16:39

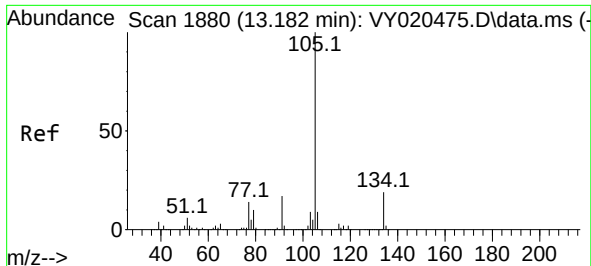
Tgt Ion:105 Resp: 340952

Ion Ratio Lower Upper

105 100

120 43.7 22.0 66.0

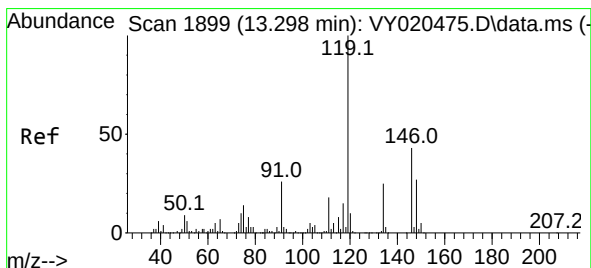
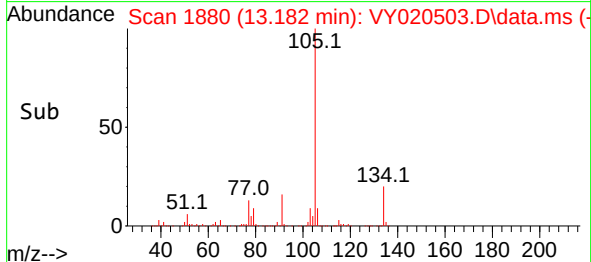
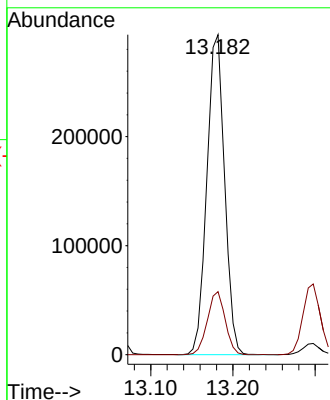
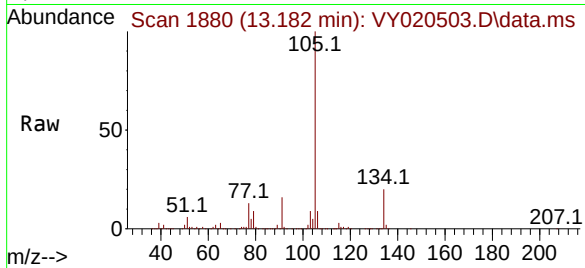




#85
 sec-Butylbenzene
 Concen: 47.271 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY020503.D
 Acq: 03 Dec 2024 16:39

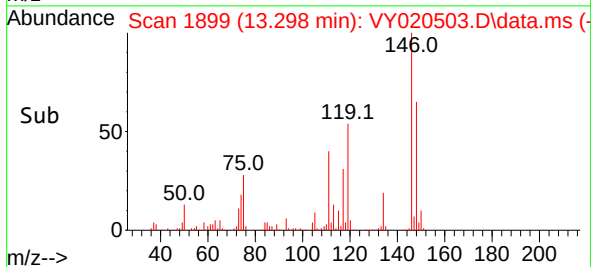
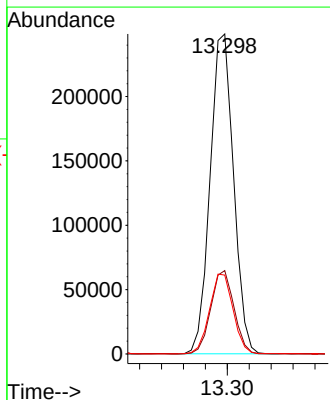
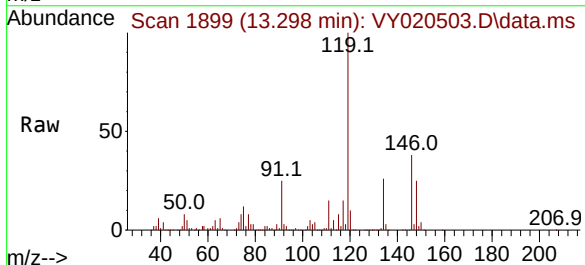
Instrument :
 MSVOA_Y
 ClientSampleId :

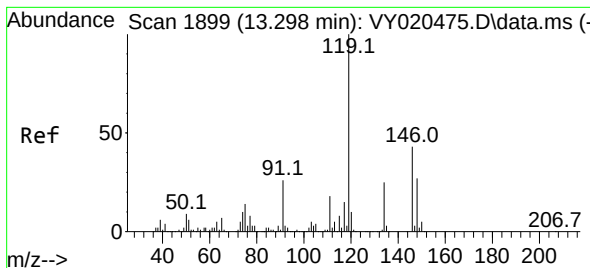
Tgt Ion:105 Resp: 439126
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.117 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020503.D
 Acq: 03 Dec 2024 16:39

Tgt Ion:119 Resp: 369374
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 49.466 ug/l

RT: 13.292 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

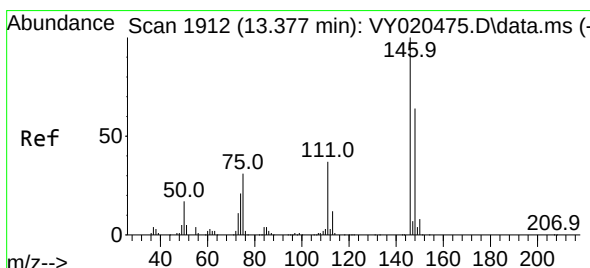
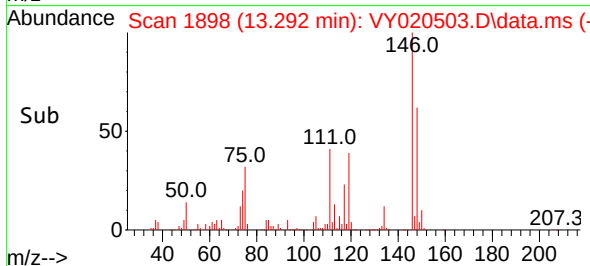
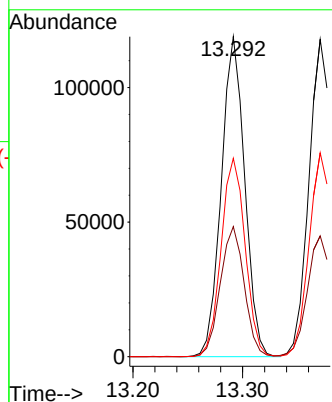
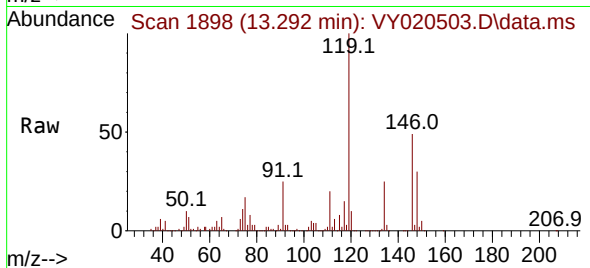
Tgt Ion:146 Resp: 176751

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.7 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 50.036 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

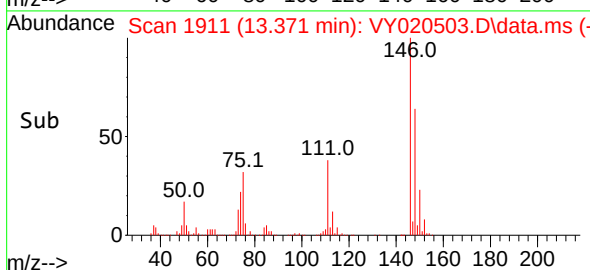
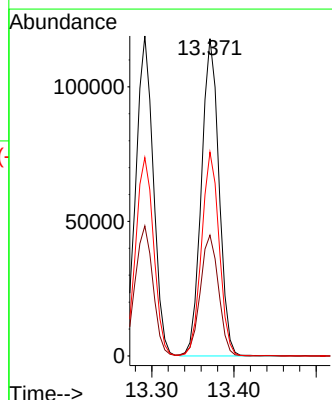
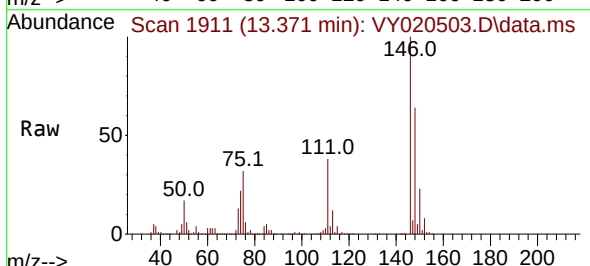
Tgt Ion:146 Resp: 175027

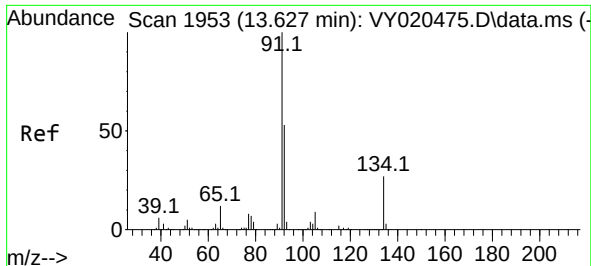
Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

148 64.2 32.0 96.2

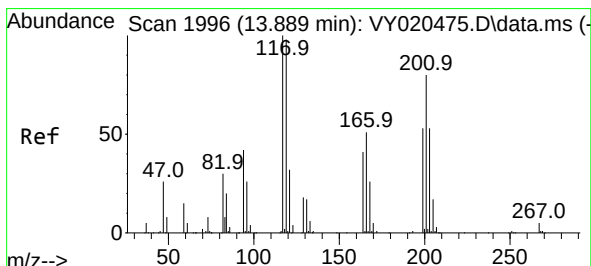
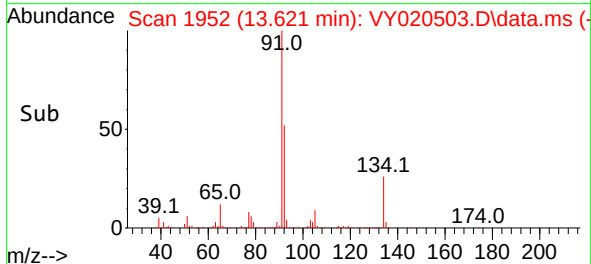
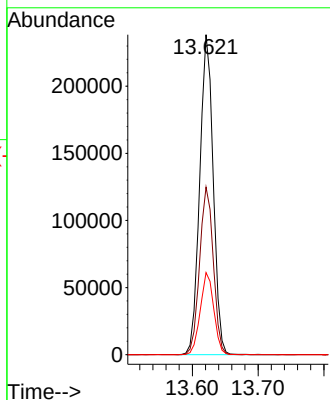
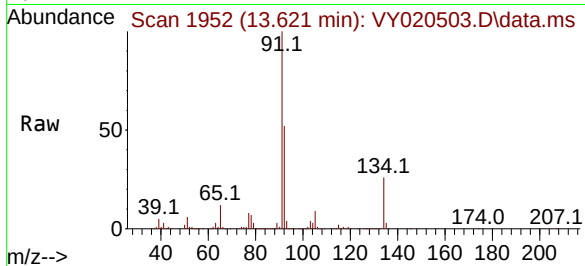




#89
n-Butylbenzene
Concen: 47.787 ug/l
RT: 13.621 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

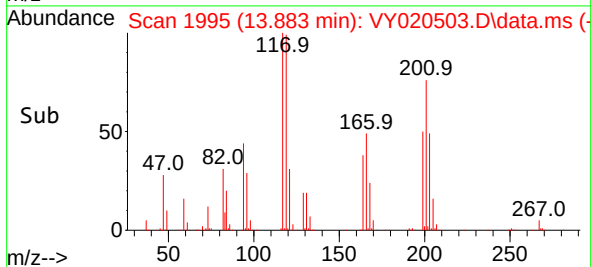
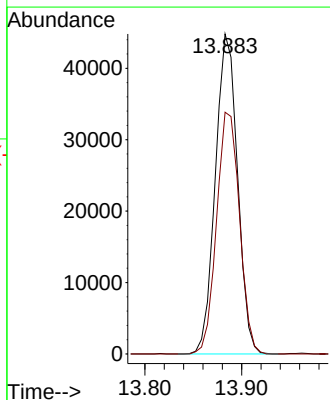
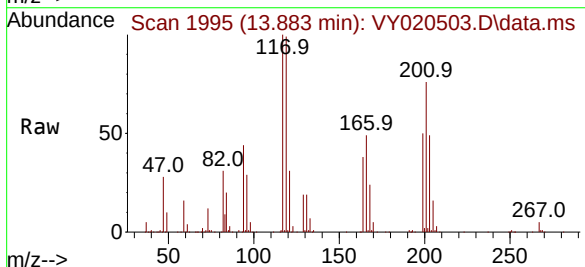
Instrument :
MSVOA_Y
ClientSampleId :

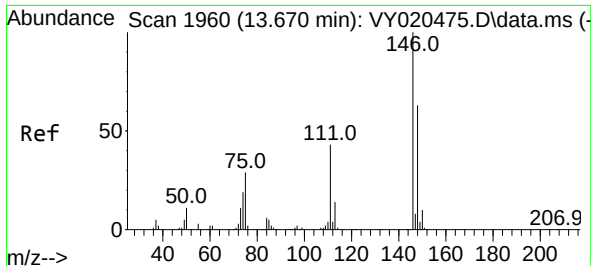
Tgt Ion: 91 Resp: 340236
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 25.8 12.2 36.4



#90
Hexachloroethane
Concen: 47.621 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY020503.D
Acq: 03 Dec 2024 16:39

Tgt Ion: 117 Resp: 71243
Ion Ratio Lower Upper
117 100
201 78.1 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 51.036 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

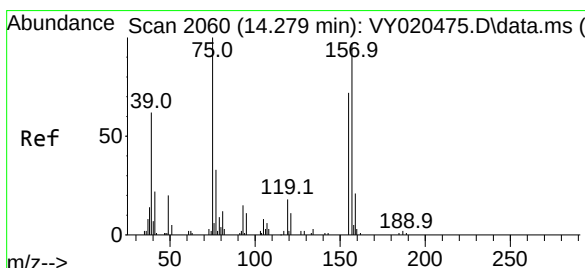
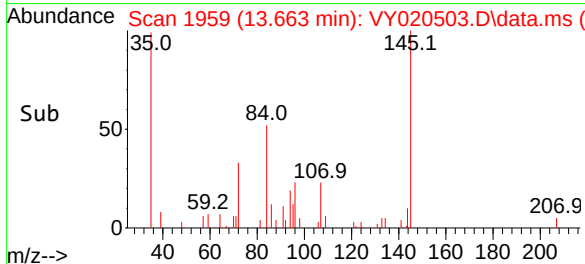
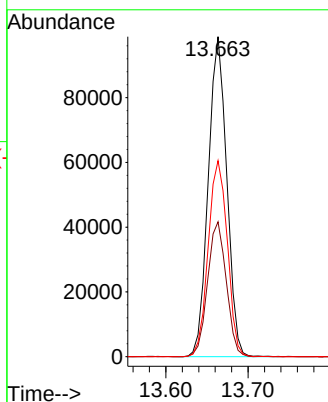
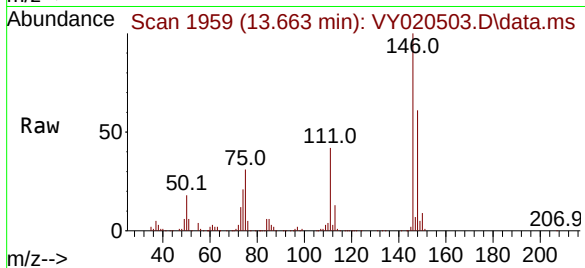
Tgt Ion:146 Resp: 154649

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.5

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.178 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

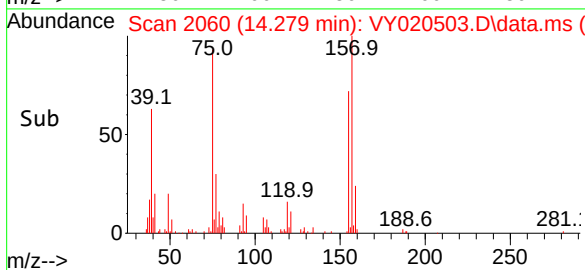
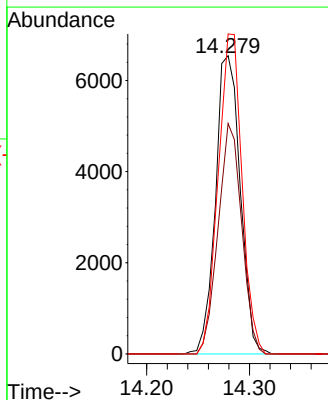
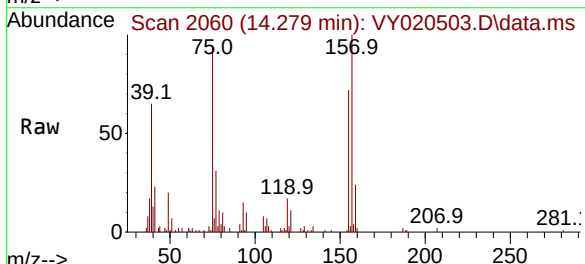
Tgt Ion: 75 Resp: 10942

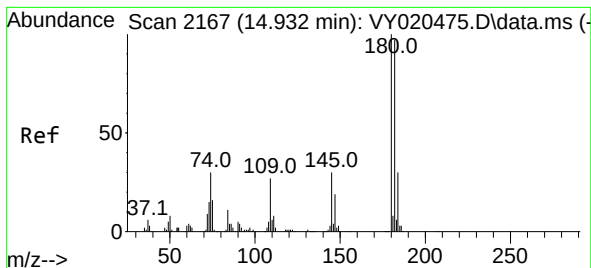
Ion Ratio Lower Upper

75 100

155 73.5 39.7 119.1

157 102.9 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 53.618 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

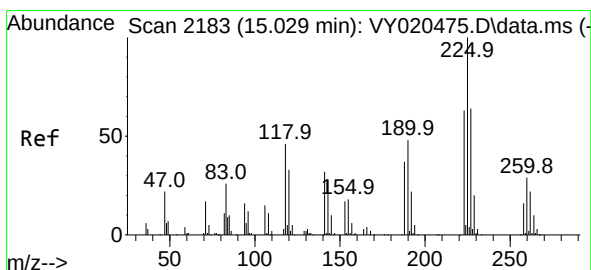
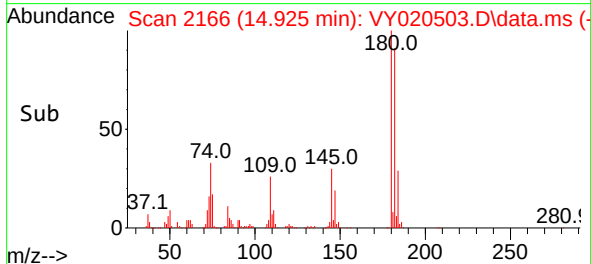
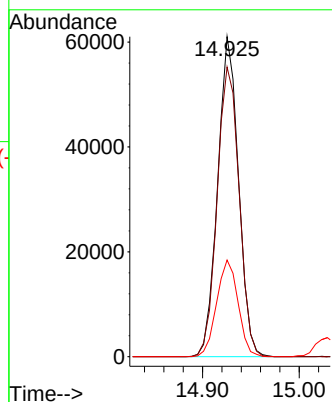
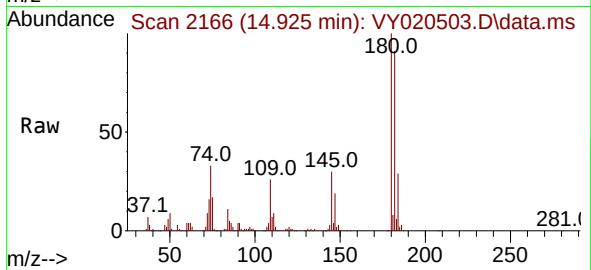
Tgt Ion:180 Resp: 91359

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.8

145 31.0 15.8 47.3



#94

Hexachlorobutadiene

Concen: 49.640 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

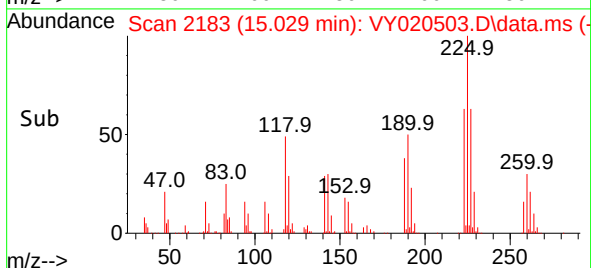
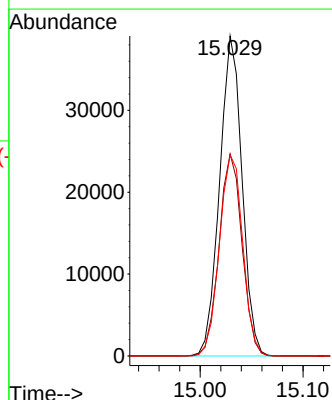
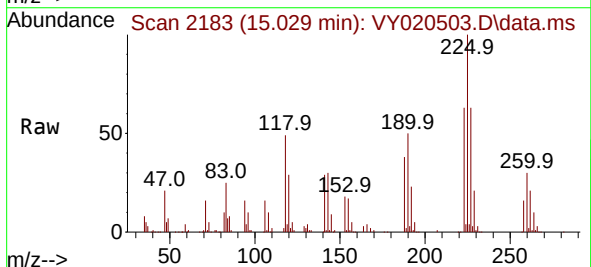
Tgt Ion:225 Resp: 59171

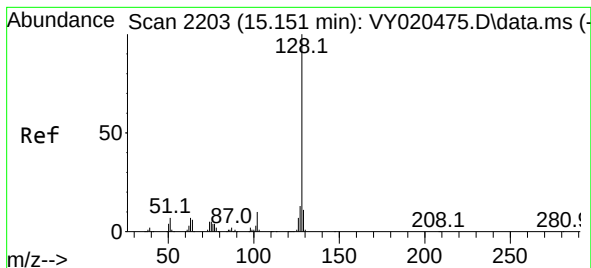
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.5

227 65.3 32.3 96.8





#95

Naphthalene

Concen: 57.941 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

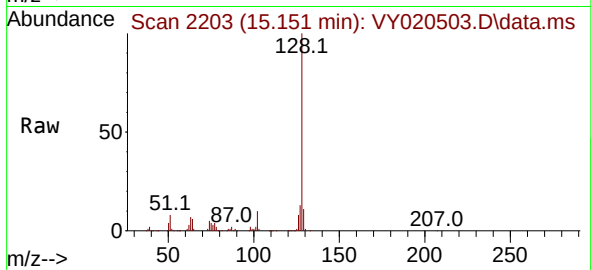
Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :



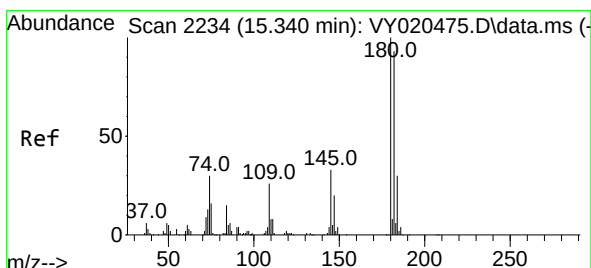
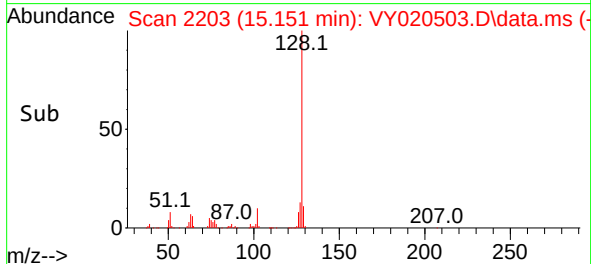
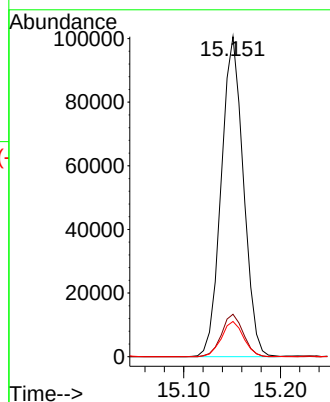
Tgt Ion:128 Resp: 159759

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.688 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020503.D

Acq: 03 Dec 2024 16:39

Tgt Ion:180 Resp: 76563

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 33.1 16.9 50.6

