

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020624.D
 Acq On : 18 Dec 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 14:20:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	168319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	226779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	124266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86558	46.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.640	113	87855	47.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.109	98	316621	48.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.408	95	113536	44.531	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	112318	53.424	ug/l	97
3) Chloromethane	2.074	50	91060	58.456	ug/l	100
4) Vinyl Chloride	2.208	62	86513	59.670	ug/l	98
5) Bromomethane	2.605	94	53404	57.301	ug/l	98
6) Chloroethane	2.739	64	54831	61.198	ug/l	96
7) Trichlorofluoromethane	3.068	101	165137	54.433	ug/l	98
8) Diethyl Ether	3.458	74	55435	52.102	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	122111	56.155	ug/l	99
10) Methyl Iodide	4.013	142	142447	58.838	ug/l	98
11) Tert butyl alcohol	4.872	59	42696	215.219	ug/l	99
12) 1,1-Dichloroethene	3.793	96	118244	56.042	ug/l	99
13) Acrolein	3.659	56	18414	211.249	ug/l	99
14) Allyl chloride	4.391	41	211903	57.316	ug/l	99
15) Acrylonitrile	5.068	53	133405	262.091	ug/l	99
16) Acetone	3.873	43	96362	263.467	ug/l	99
17) Carbon Disulfide	4.110	76	390399	56.844	ug/l	100
18) Methyl Acetate	4.391	43	68126	54.317	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	296740	54.490	ug/l	99
20) Methylene Chloride	4.622	84	122238	53.332	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	131418	55.526	ug/l	96
22) Diisopropyl ether	6.025	45	419889	55.951	ug/l	99
23) Vinyl Acetate	5.964	43	1169883	275.244	ug/l	100
24) 1,1-Dichloroethane	5.921	63	244246	55.556	ug/l	98
25) 2-Butanone	6.896	43	169240	247.034	ug/l	99
26) 2,2-Dichloropropane	6.890	77	219802	52.887	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	149031	54.730	ug/l	100
28) Bromochloromethane	7.250	49	88572	59.728	ug/l	99
29) Tetrahydrofuran	7.268	42	113384	262.171	ug/l	100
30) Chloroform	7.427	83	250397	57.517	ug/l	98
31) Cyclohexane	7.707	56	221311	52.647	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	224446	55.569	ug/l	100
36) 1,1-Dichloropropene	7.841	75	182759	53.823	ug/l	99
37) Ethyl Acetate	6.988	43	80664	50.503	ug/l	99
38) Carbon Tetrachloride	7.823	117	204938	54.551	ug/l	97
39) Methylcyclohexane	9.109	83	237543	53.675	ug/l	98
40) Benzene	8.085	78	540984	54.354	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	44038	52.153	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	141108	53.455	ug/l	100
43) Isopropyl Acetate	8.195	43	159807	52.850	ug/l	99
44) Trichloroethene	8.866	130	132352	54.118	ug/l	98
45) 1,2-Dichloropropane	9.146	63	125765	54.066	ug/l	96
46) Dibromomethane	9.231	93	64580	52.532	ug/l	99
47) Bromodichloromethane	9.426	83	179372	54.016	ug/l	99
48) Methyl methacrylate	9.219	41	77215	53.715	ug/l	99
49) 1,4-Dioxane	9.231	88	14022	994.589	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	404285	253.299	ug/l	100
52) Toluene	10.170	92	339344	54.863	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	170796	55.198	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	202649	55.269	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	85539	52.628	ug/l	98
56) Ethyl methacrylate	10.438	69	129721	55.014	ug/l	98
57) 1,3-Dichloropropane	10.719	76	156953	54.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	256343	258.372	ug/l	99
59) 2-Hexanone	10.762	43	269419	262.911	ug/l	99
60) Dibromochloromethane	10.914	129	117491	54.051	ug/l	99
61) 1,2-Dibromoethane	11.018	107	80970	53.556	ug/l	99
64) Tetrachloroethene	10.646	164	116607	54.665	ug/l	97
65) Chlorobenzene	11.444	112	357020	56.304	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	121601	56.082	ug/l	99
67) Ethyl Benzene	11.518	91	655644	56.046	ug/l	98
68) m/p-Xylenes	11.627	106	483989	111.272	ug/l	100
69) o-Xylene	11.957	106	227073	55.953	ug/l	98
70) Styrene	11.969	104	380019	56.046	ug/l	99
71) Bromoform	12.133	173	66448	54.507	ug/l #	99
73) Isopropylbenzene	12.255	105	619007	57.082	ug/l	100
74) N-amyl acetate	12.072	43	142658	56.212	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95566	54.292	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	129512	100.328	ug/l #	100
77) Bromobenzene	12.536	156	129556	54.846	ug/l	98
78) n-propylbenzene	12.597	91	736385	56.363	ug/l	100
79) 2-Chlorotoluene	12.682	91	413534	56.258	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	495961	56.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	35174	57.195	ug/l	99
82) 4-Chlorotoluene	12.780	91	426293	55.900	ug/l	99
83) tert-Butylbenzene	12.999	119	443445	55.648	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	486708	56.391	ug/l	98
85) sec-Butylbenzene	13.176	105	646469	55.795	ug/l	100
86) p-Isopropyltoluene	13.292	119	537317	56.247	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	255653	54.826	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	251527	54.463	ug/l	99
89) n-Butylbenzene	13.621	91	513421	56.710	ug/l	99
90) Hexachloroethane	13.883	117	105978	55.981	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	221550	54.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14761	51.651	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	139170	56.949	ug/l	99
94) Hexachlorobutadiene	15.029	225	91388	57.205	ug/l	99
95) Naphthalene	15.151	128	241249	57.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	117769	57.038	ug/l	100

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QLast Update : Wed Dec 18 05:27:13 2024
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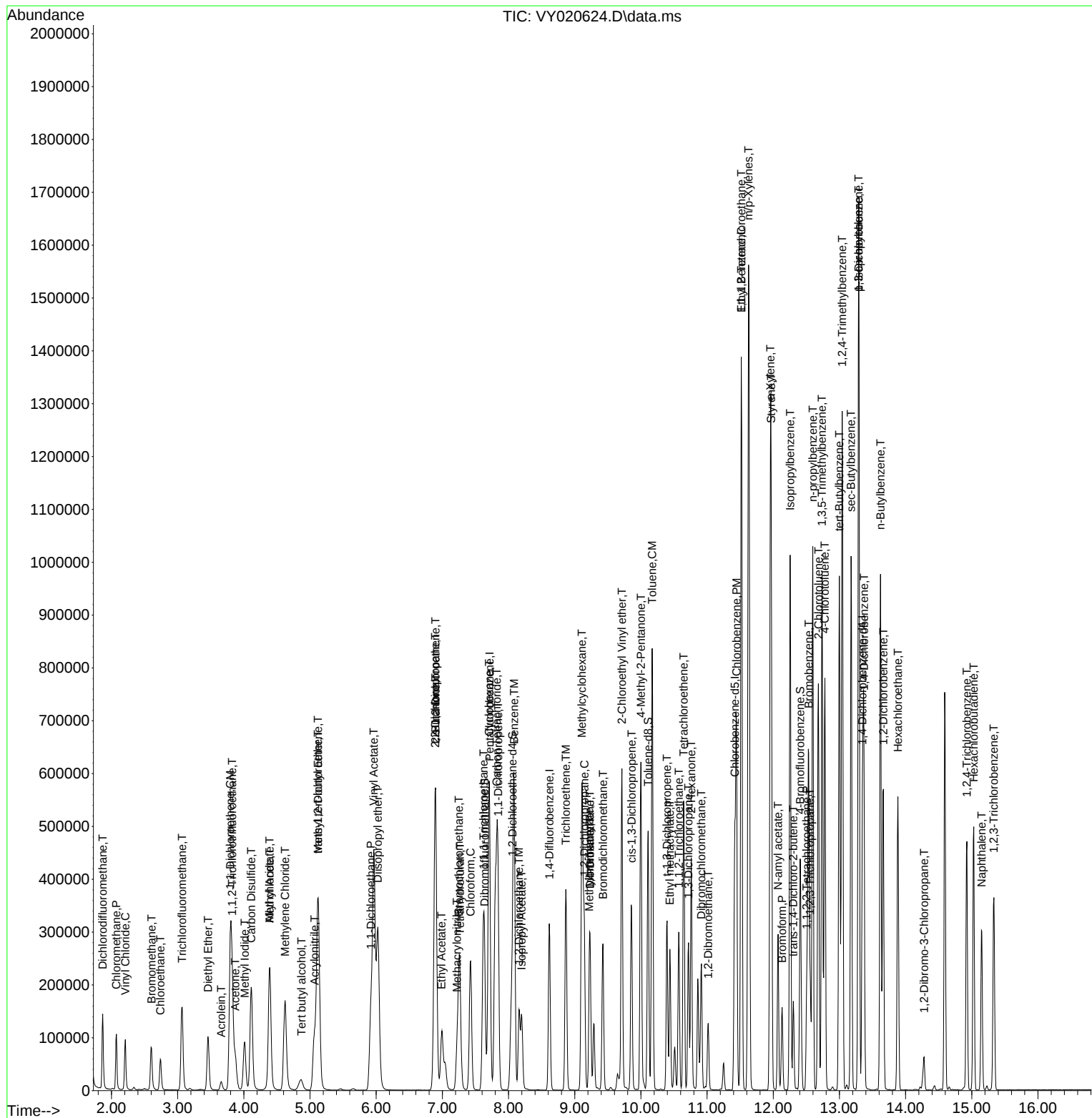
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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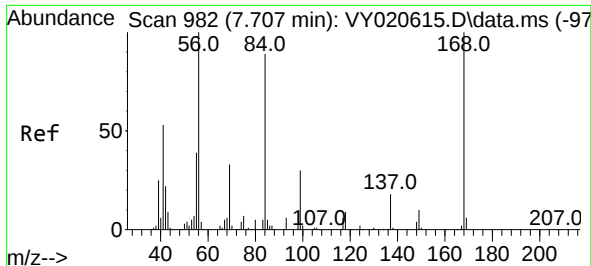
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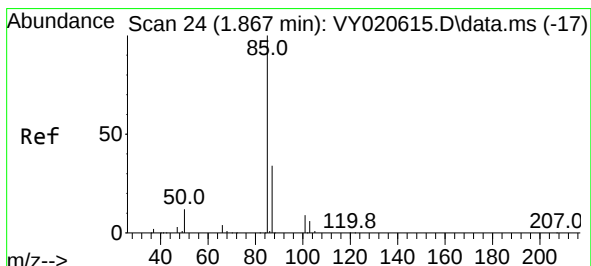
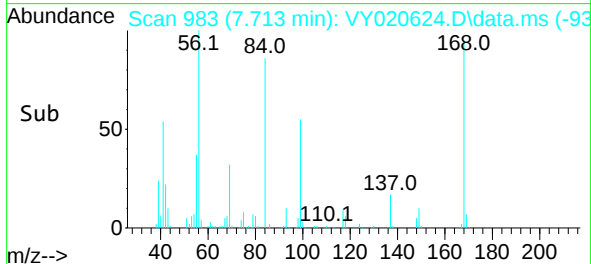
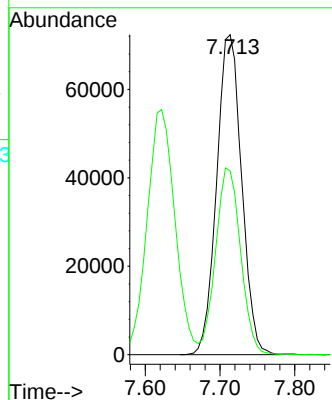
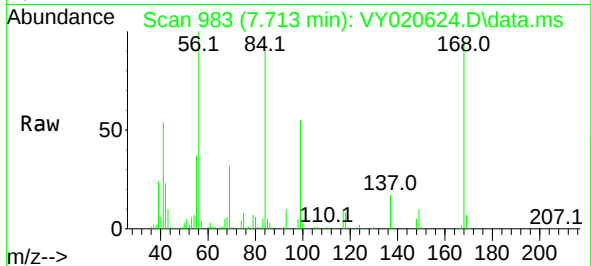




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020624.D
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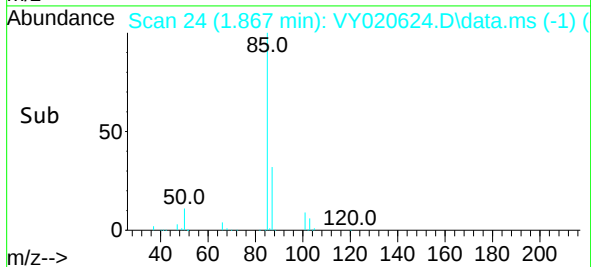
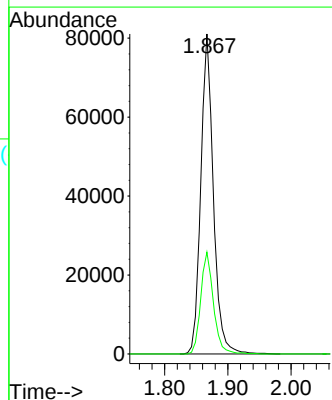
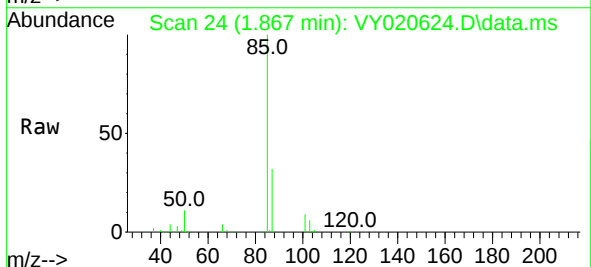
Instrument :
MSVOA_Y
ClientSampleId :

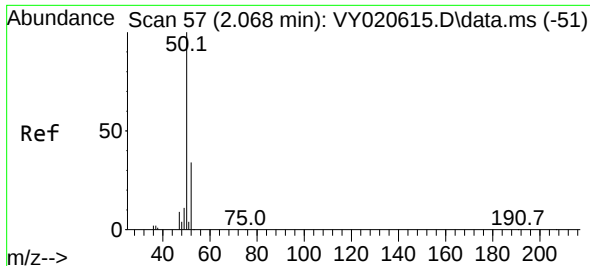
Tgt Ion:168 Resp: 168319
Ion Ratio Lower Upper
168 100
99 57.3 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 53.424 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 85 Resp: 112318
Ion Ratio Lower Upper
85 100
87 31.8 16.8 50.3

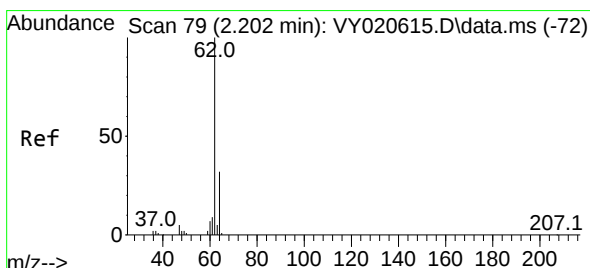
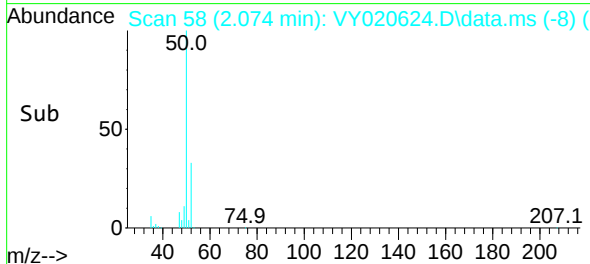
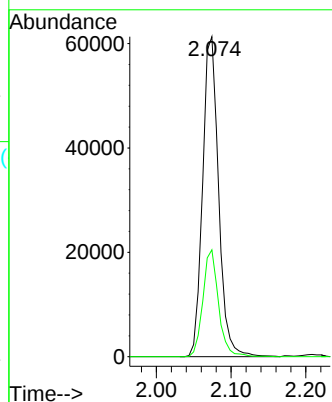
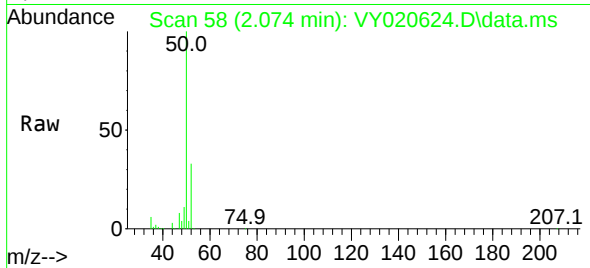




#3
Chloromethane
Concen: 58.456 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

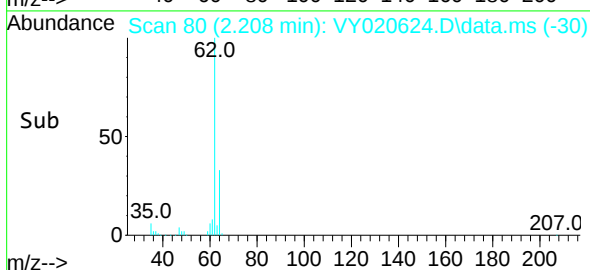
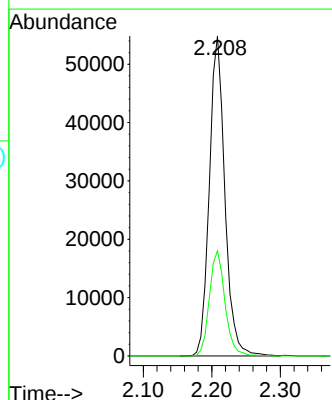
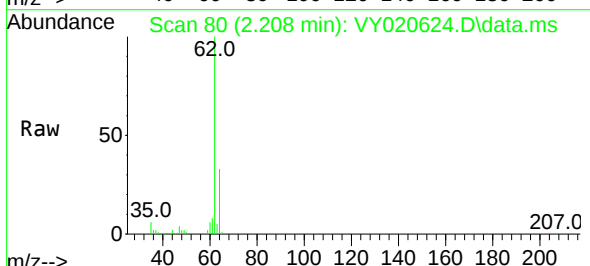
Instrument :
MSVOA_Y
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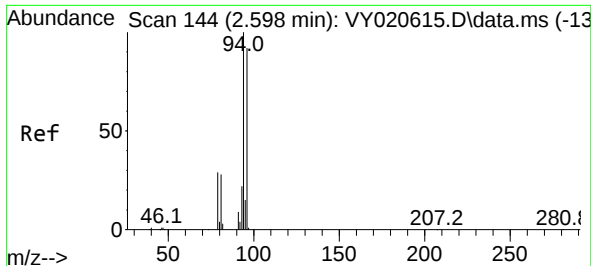
Tgt Ion: 50 Resp: 91060
Ion Ratio Lower Upper
50 100
52 33.4 26.8 40.2



#4
Vinyl Chloride
Concen: 59.670 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 62 Resp: 86513
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9

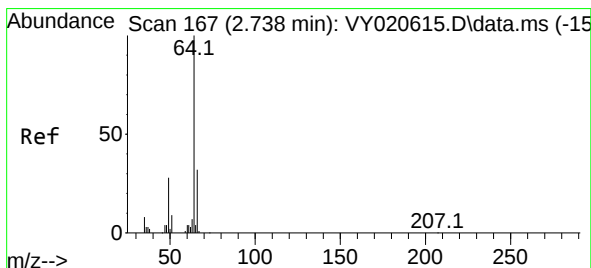
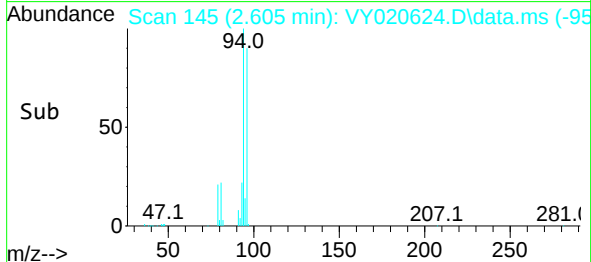
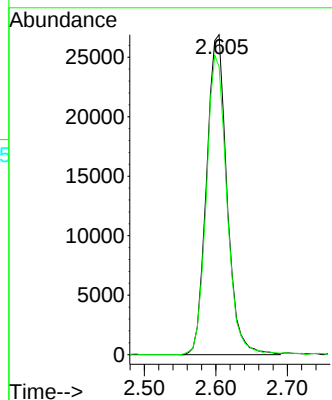
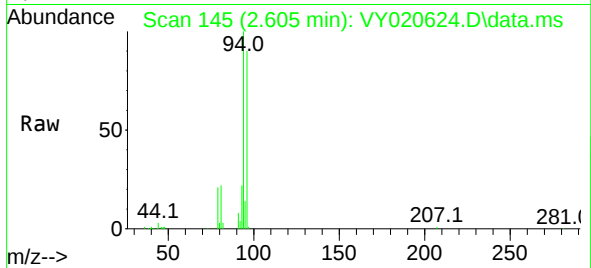




#5
Bromomethane
Concen: 57.301 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

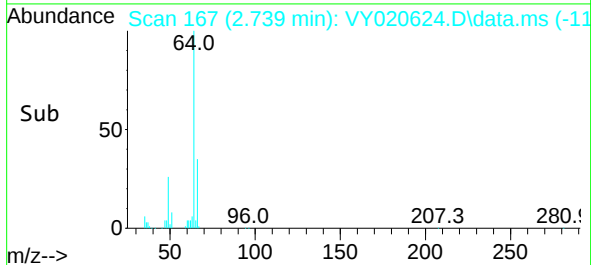
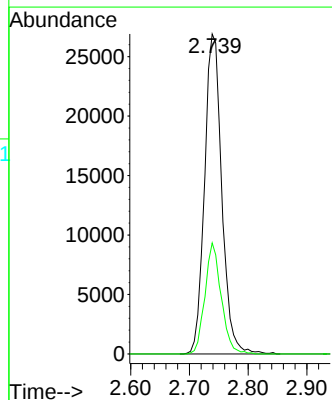
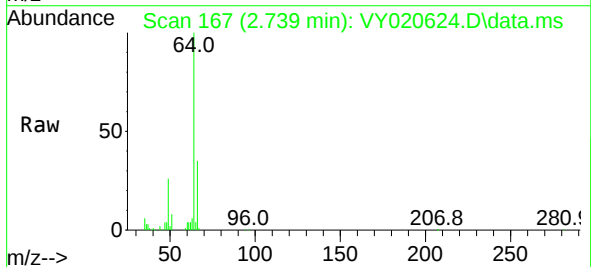
Instrument :
MSVOA_Y
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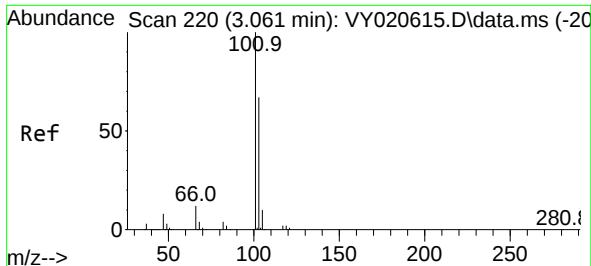
Tgt Ion: 94 Resp: 53404
Ion Ratio Lower Upper
94 100
96 90.0 73.8 110.6



#6
Chloroethane
Concen: 61.198 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 64 Resp: 54831
Ion Ratio Lower Upper
64 100
66 34.7 25.8 38.6

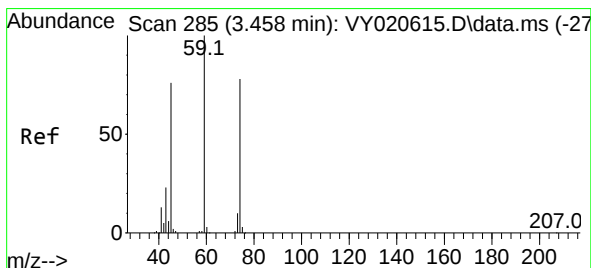
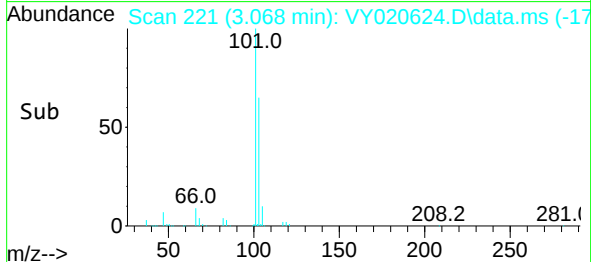
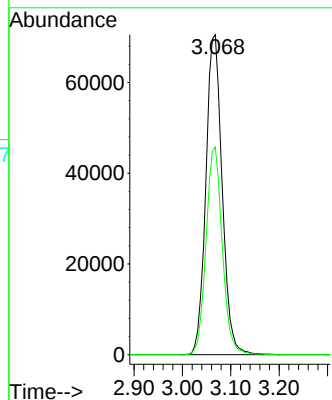
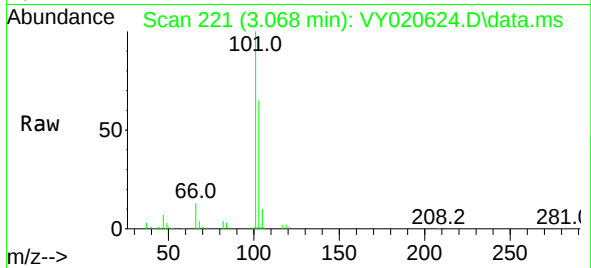




#7
Trichlorofluoromethane
Concen: 54.433 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

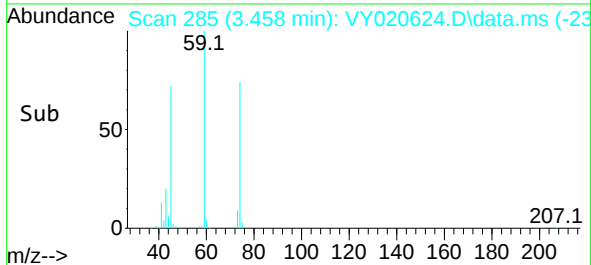
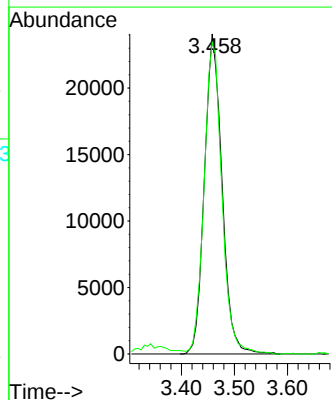
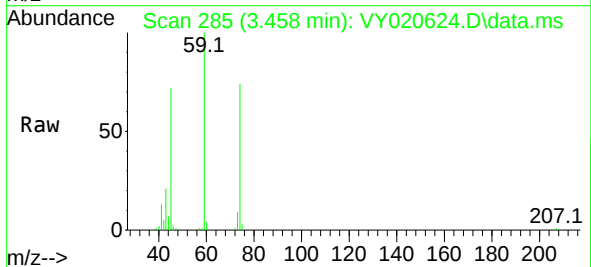
Instrument :
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ClientSampleId :

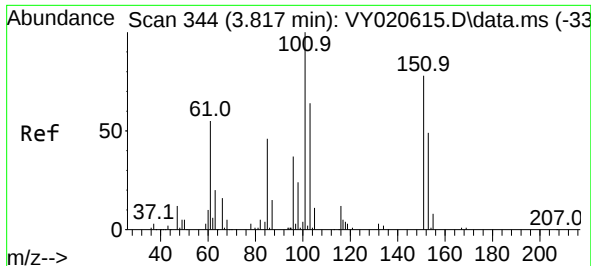
Tgt Ion:101 Resp: 165137
Ion Ratio Lower Upper
101 100
103 64.9 53.4 80.0



#8
Diethyl Ether
Concen: 52.102 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 74 Resp: 55435
Ion Ratio Lower Upper
74 100
45 98.9 49.0 147.2

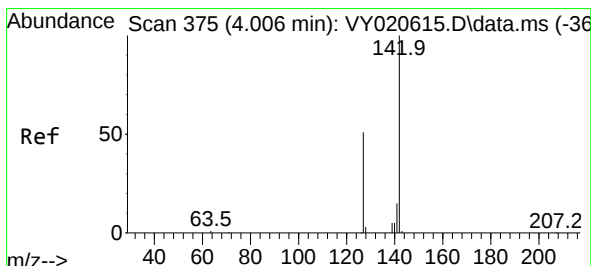
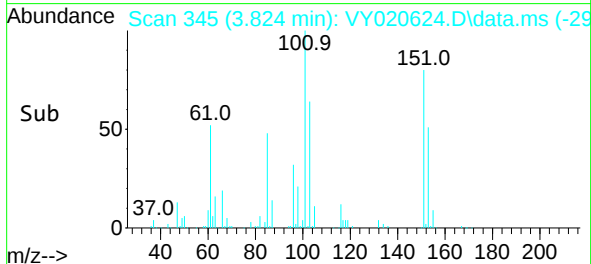
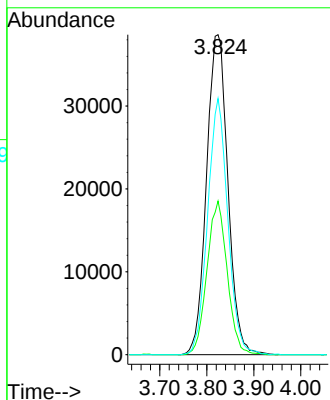
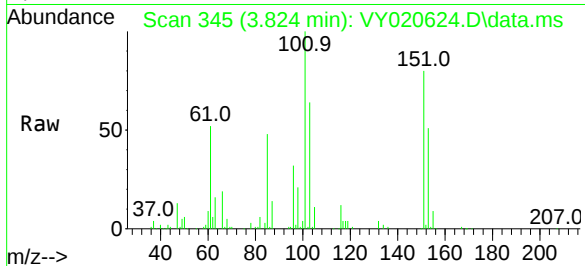




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.155 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

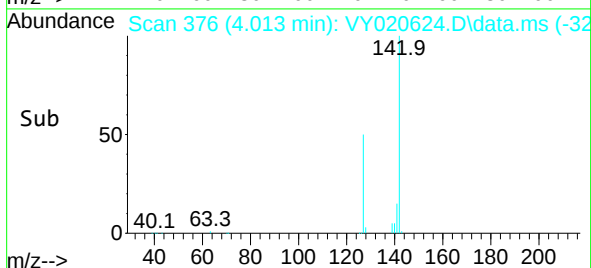
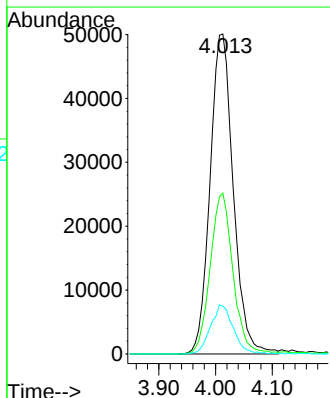
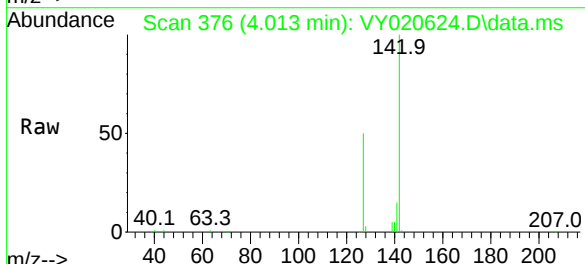
Instrument :
MSVOA_Y
ClientSampleId :

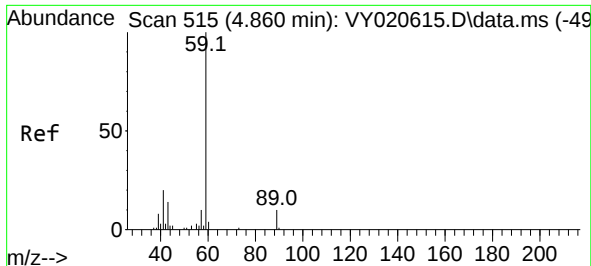
Tgt Ion:101 Resp: 122111
Ion Ratio Lower Upper
101 100
85 45.4 36.6 54.8
151 75.5 61.5 92.3



#10
Methyl Iodide
Concen: 58.838 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:142 Resp: 142447
Ion Ratio Lower Upper
142 100
127 49.3 40.6 61.0
141 15.1 11.7 17.5

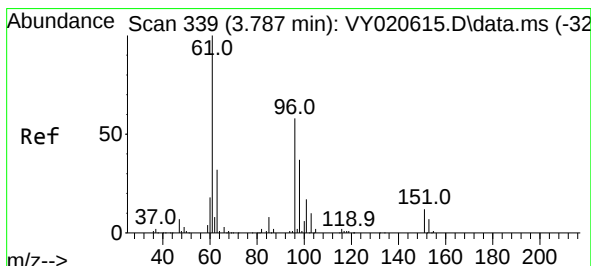
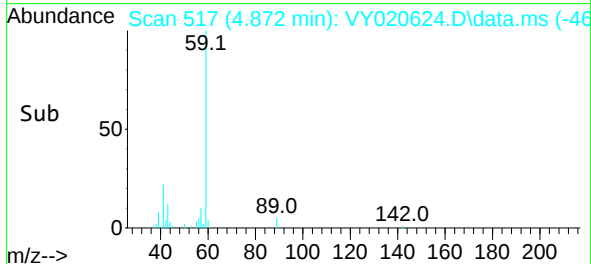
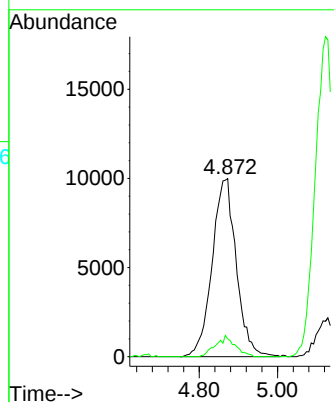
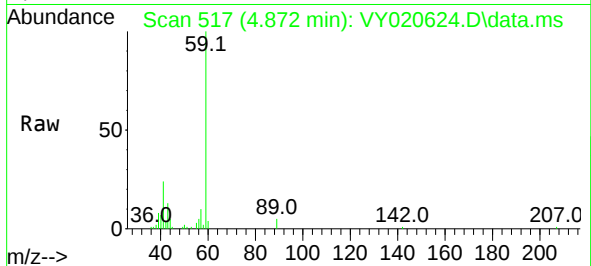




#11
Tert butyl alcohol
Concen: 215.219 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

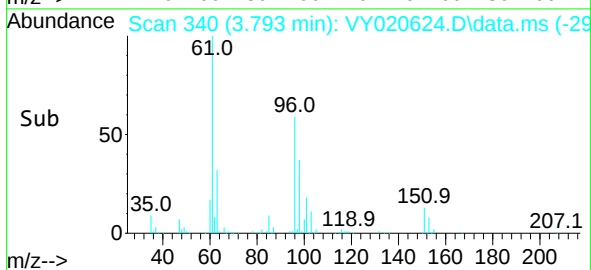
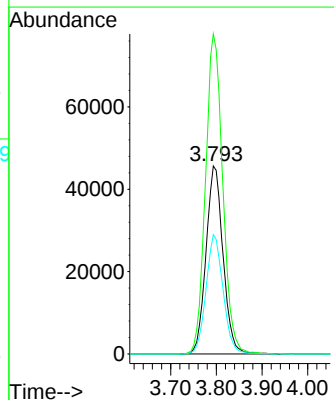
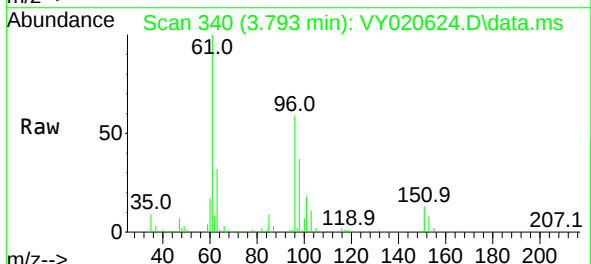
Instrument :
MSVOA_Y
ClientSampleId :

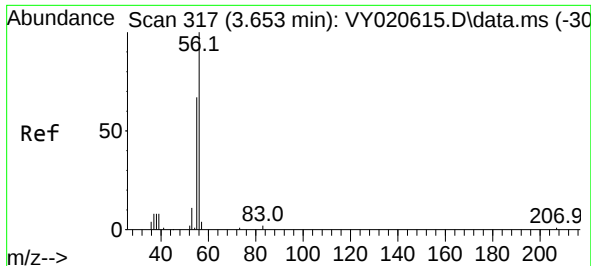
Tgt Ion: 59 Resp: 42696
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 56.042 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 96 Resp: 118244
Ion Ratio Lower Upper
96 100
61 170.2 136.9 205.3
98 63.5 50.2 75.4





#13

Acrolein

Concen: 211.249 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

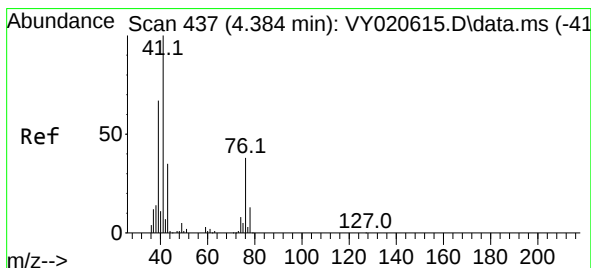
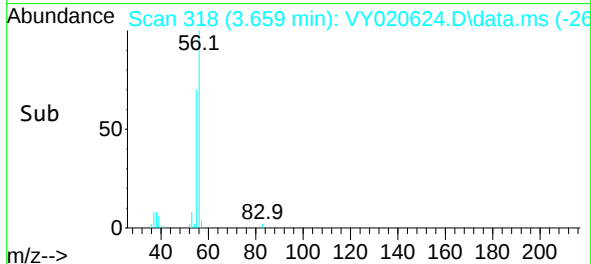
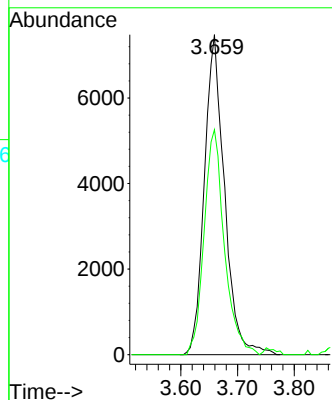
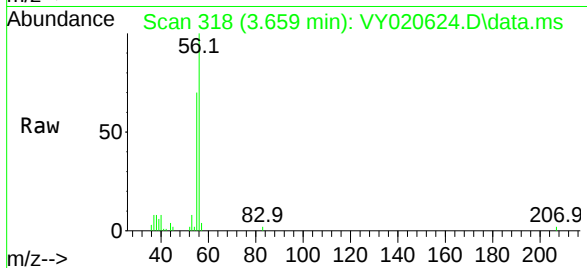
ClientSampleId :

Tgt Ion: 56 Resp: 18414

Ion Ratio Lower Upper

56 100

55 70.9 57.5 86.3



#14

Allyl chloride

Concen: 57.316 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

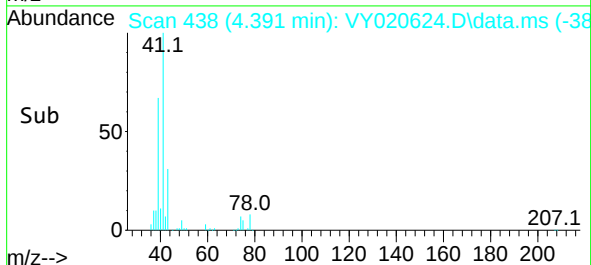
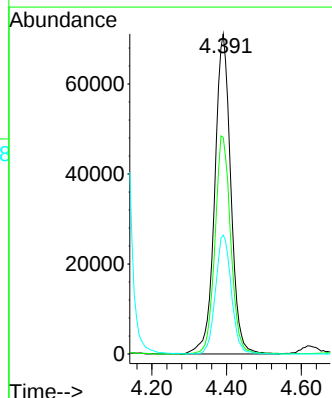
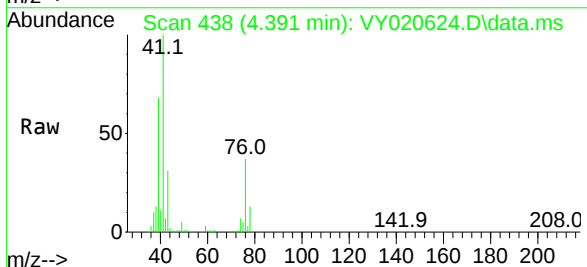
Tgt Ion: 41 Resp: 211903

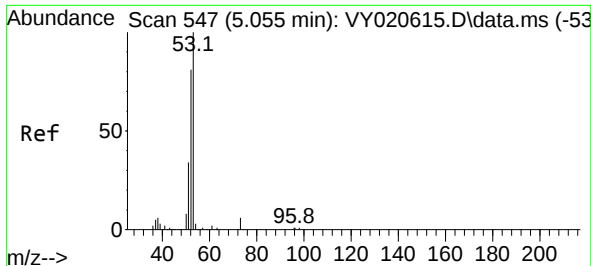
Ion Ratio Lower Upper

41 100

39 66.6 53.0 79.4

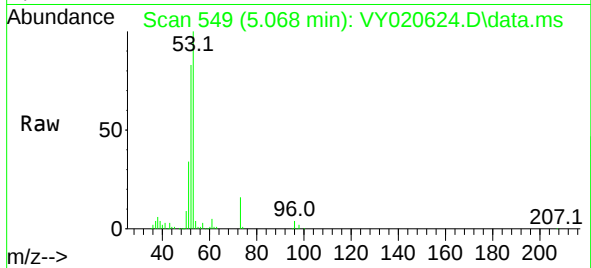
76 36.5 29.5 44.3



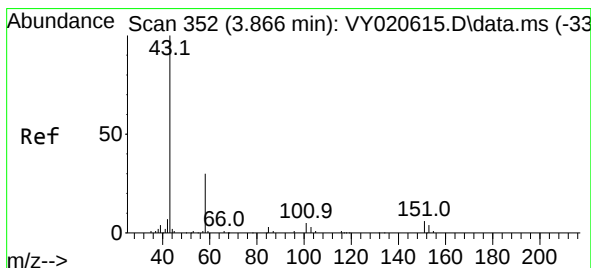
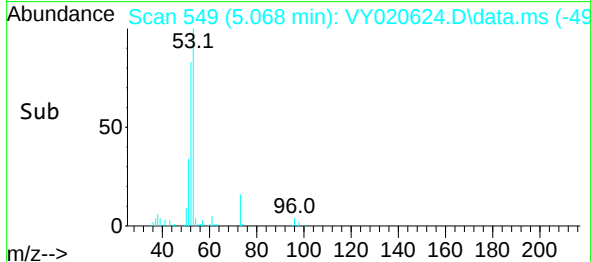
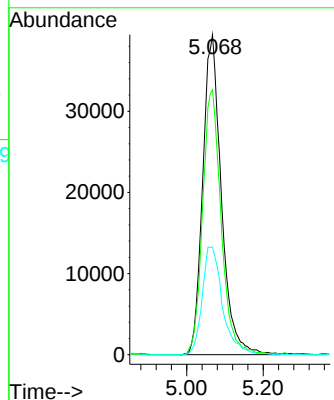


#15
Acrylonitrile
Concen: 262.091 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

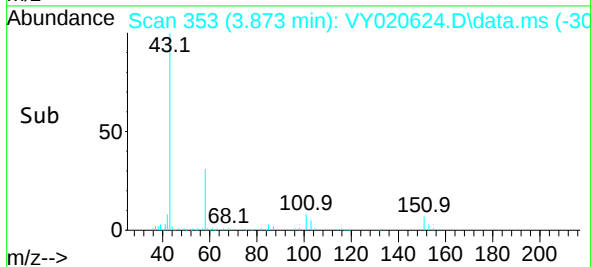
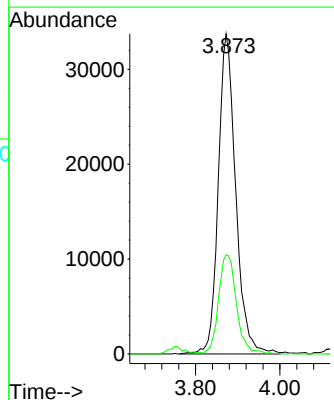
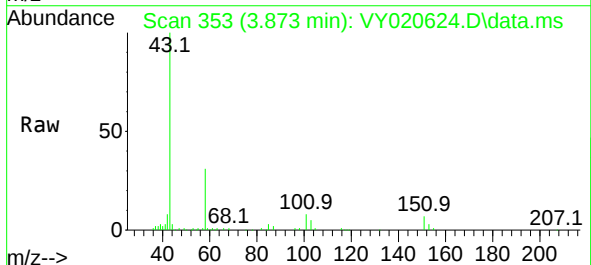


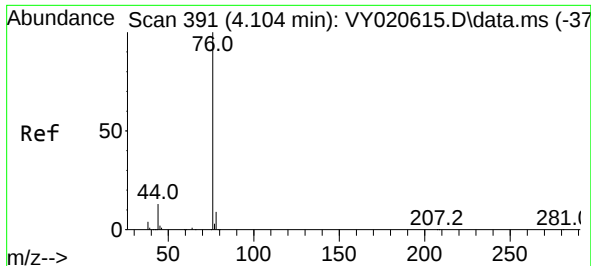
Tgt Ion: 53 Resp: 133405
Ion Ratio Lower Upper
53 100
52 82.4 64.5 96.7
51 36.7 29.4 44.0



#16
Acetone
Concen: 263.467 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 43 Resp: 96362
Ion Ratio Lower Upper
43 100
58 30.8 25.0 37.6

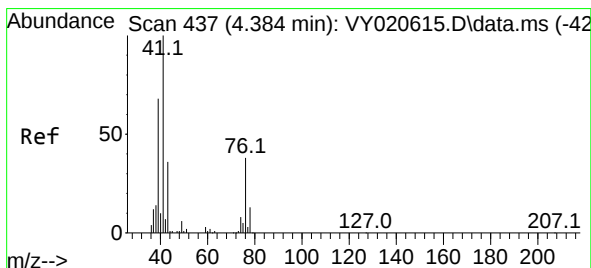
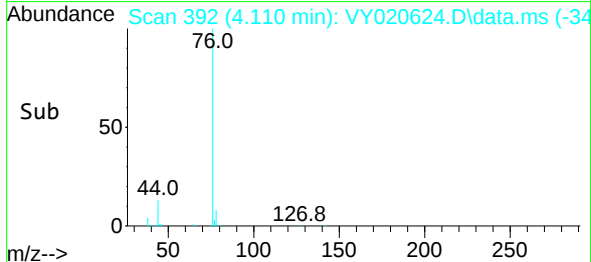
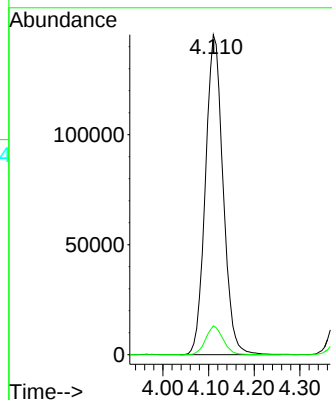
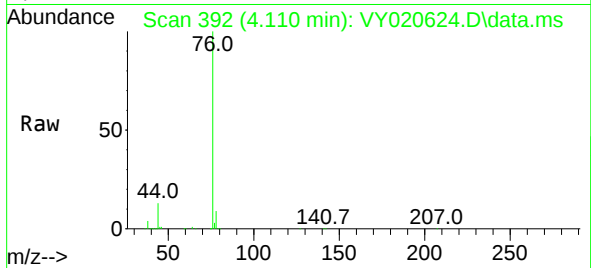




#17
Carbon Disulfide
Concen: 56.844 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

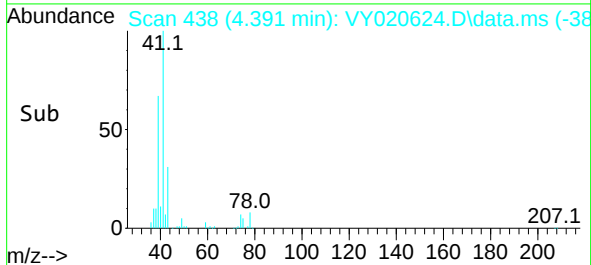
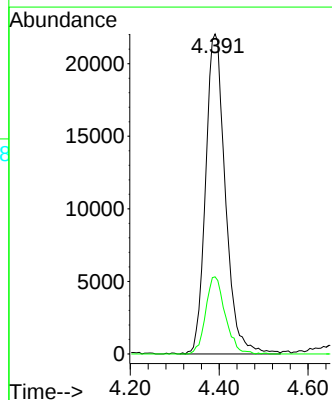
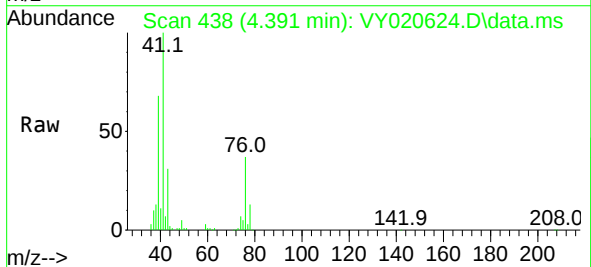
Instrument :
MSVOA_Y
ClientSampleId :

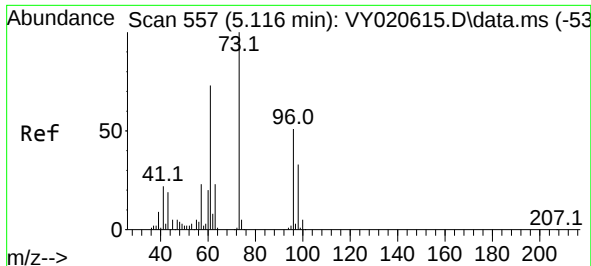
Tgt Ion: 76 Resp: 390399
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 54.317 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 43 Resp: 68126
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 54.490 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

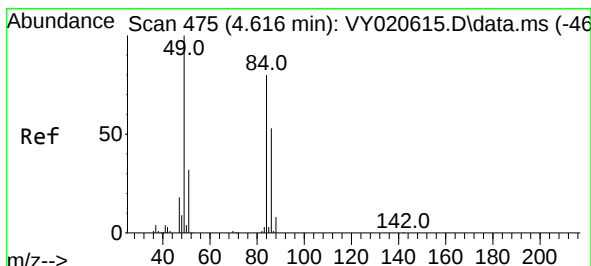
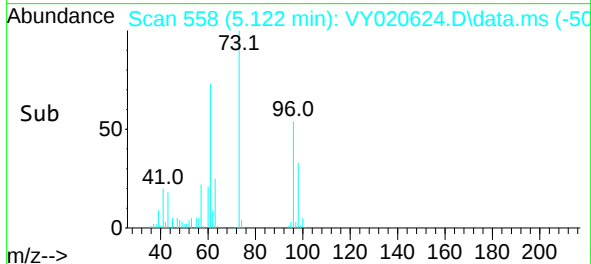
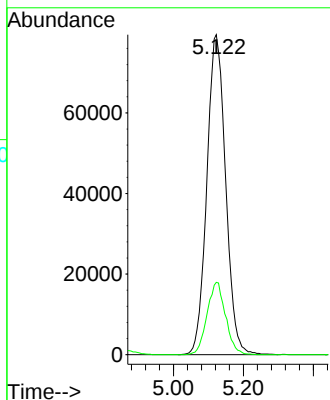
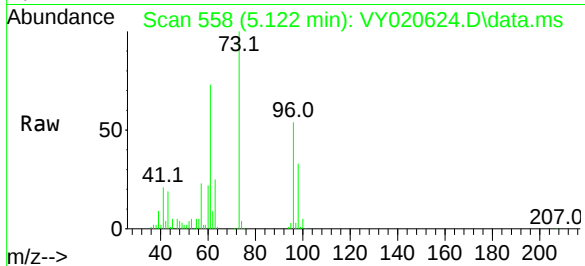
ClientSampleId :

Tgt Ion: 73 Resp: 296740

Ion Ratio Lower Upper

73 100

57 22.6 18.5 27.7



#20

Methylene Chloride

Concen: 53.332 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion: 84 Resp: 122238

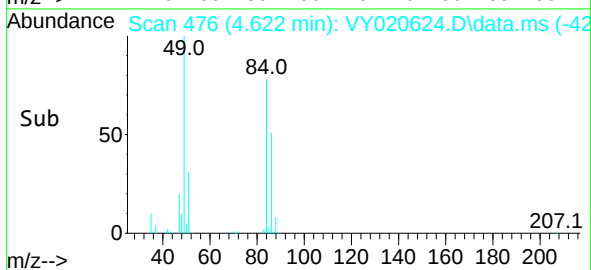
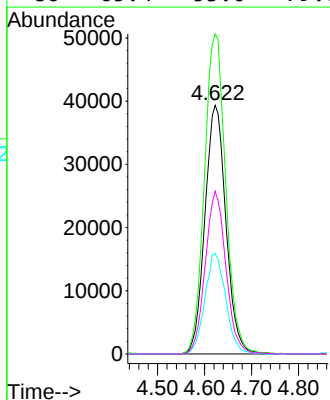
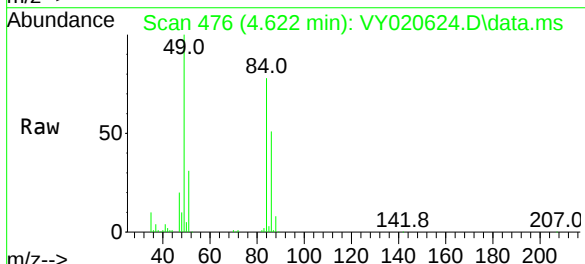
Ion Ratio Lower Upper

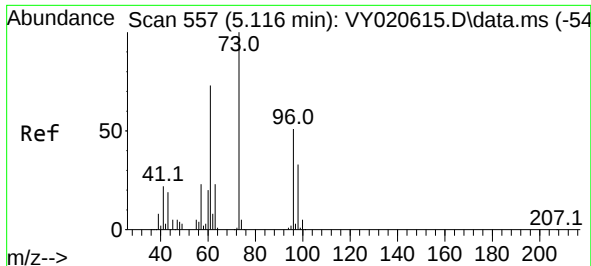
84 100

49 128.7 100.7 151.1

51 40.3 32.2 48.2

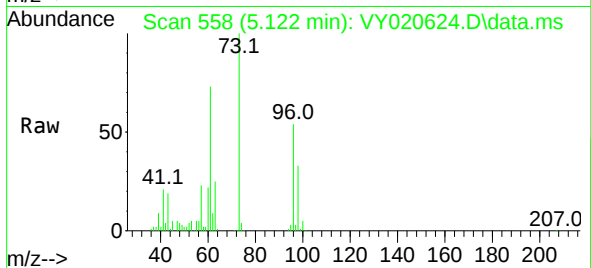
86 65.4 53.0 79.6



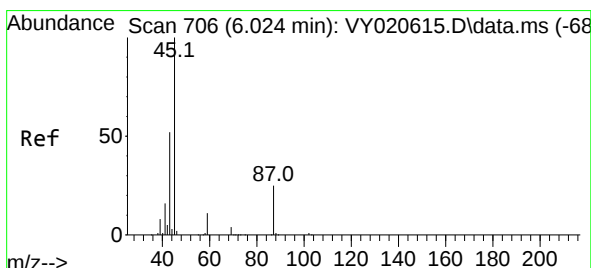
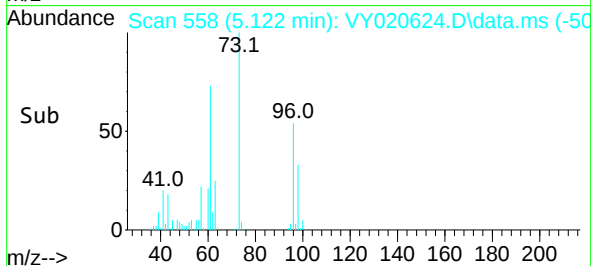
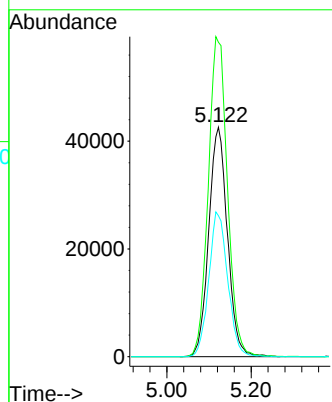


#21
trans-1,2-Dichloroethene
Concen: 55.526 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

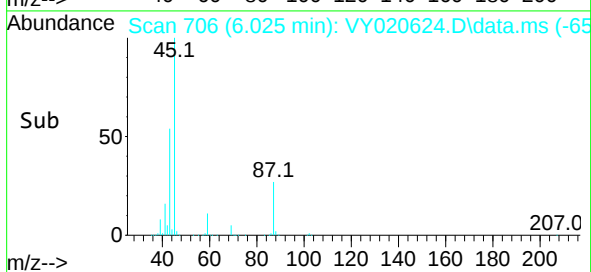
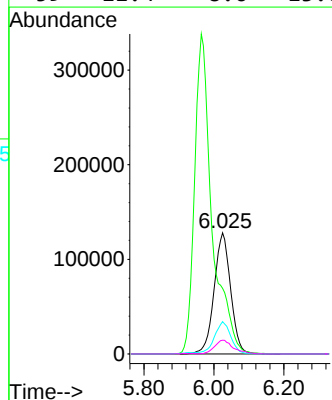
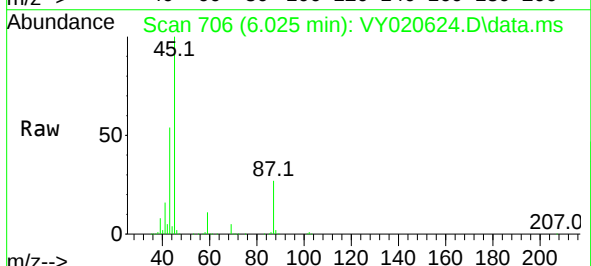


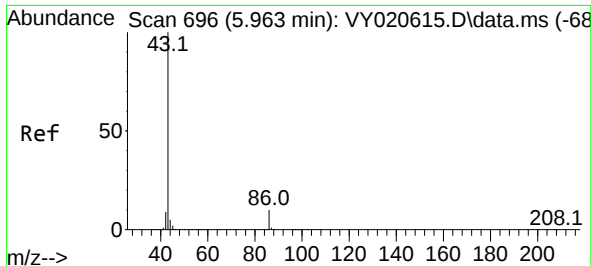
Tgt Ion: 96 Resp: 131418
Ion Ratio Lower Upper
96 100
61 137.1 113.7 170.5
98 61.4 51.7 77.5



#22
Diisopropyl ether
Concen: 55.951 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

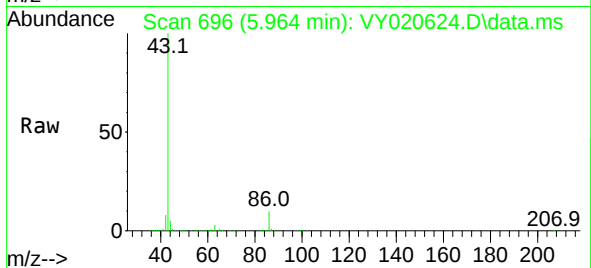
Tgt Ion: 45 Resp: 419889
Ion Ratio Lower Upper
45 100
43 53.9 42.6 64.0
87 26.7 20.6 31.0
59 11.4 8.6 13.0



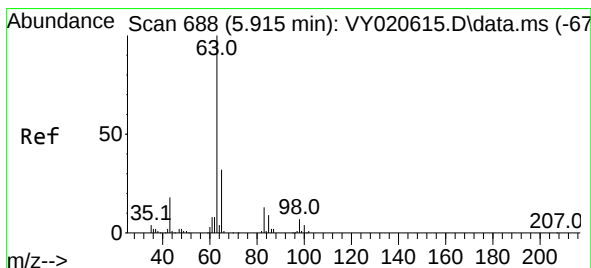
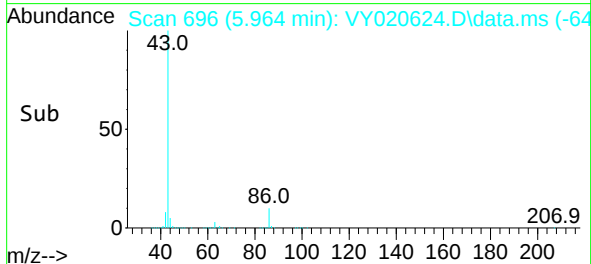
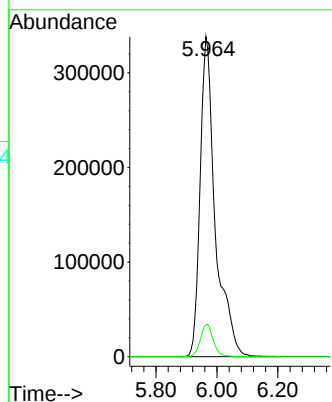


#23
Vinyl Acetate
Concen: 275.244 ug/l
RT: 5.964 min Scan# 696
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

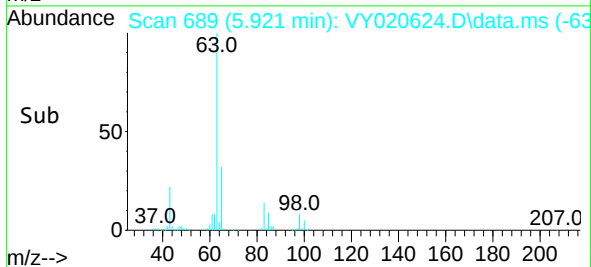
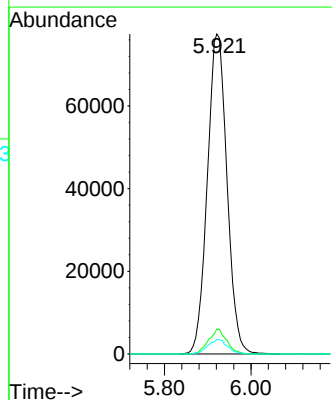
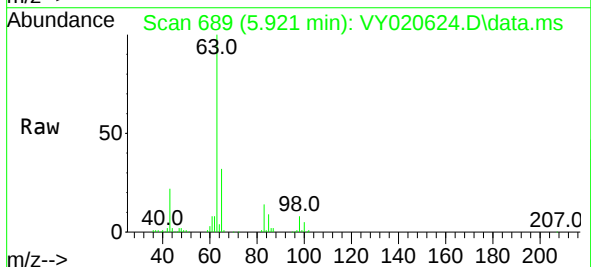


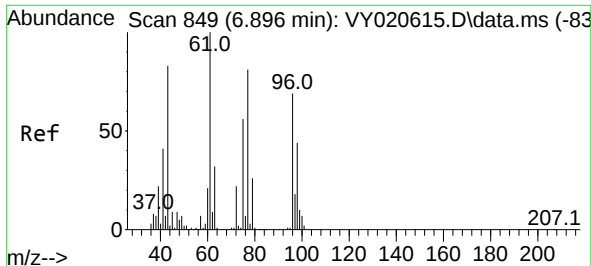
Tgt Ion: 43 Resp: 1169883
Ion Ratio Lower Upper
43 100
86 10.0 8.1 12.1



#24
1,1-Dichloroethane
Concen: 55.556 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 63 Resp: 244246
Ion Ratio Lower Upper
63 100
98 7.7 3.4 10.1
100 4.5 2.1 6.5





#25

2-Butanone

Concen: 247.034 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

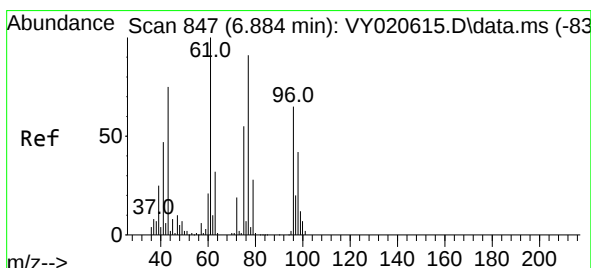
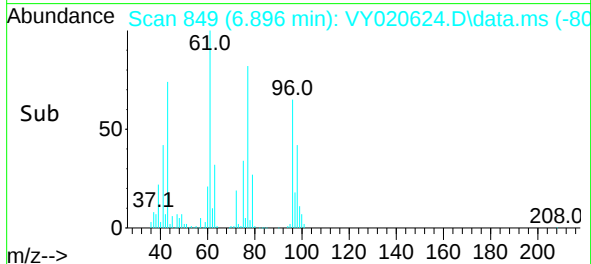
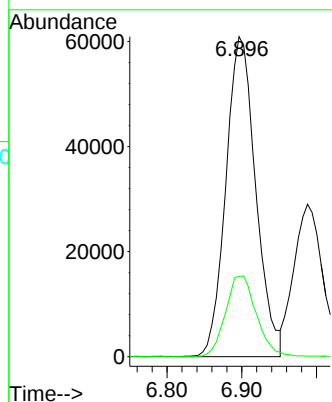
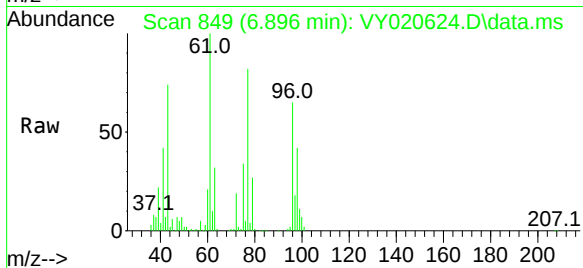
ClientSampleId :

Tgt Ion: 43 Resp: 169240

Ion Ratio Lower Upper

43 100

72 25.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 52.887 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020624.D

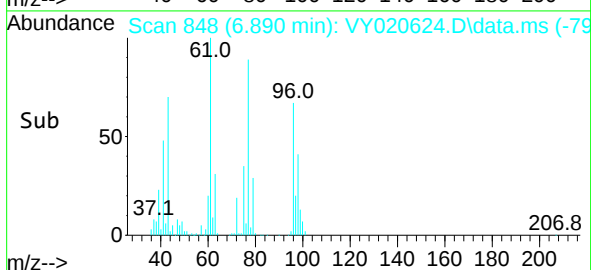
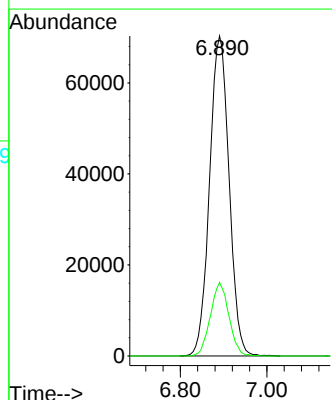
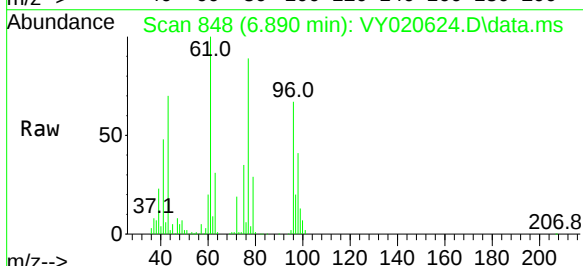
Acq: 18 Dec 2024 10:06

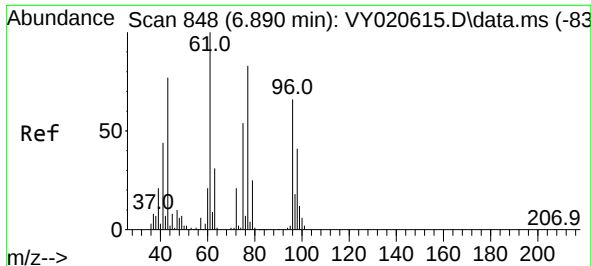
Tgt Ion: 77 Resp: 219802

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 54.730 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

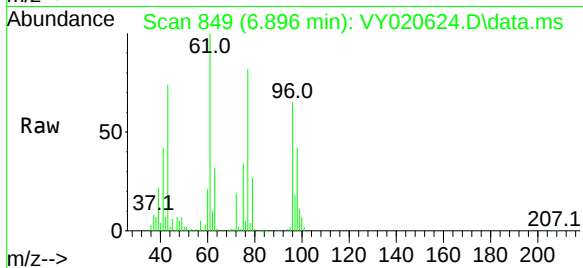
Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :



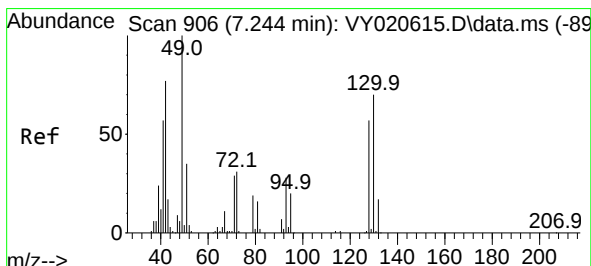
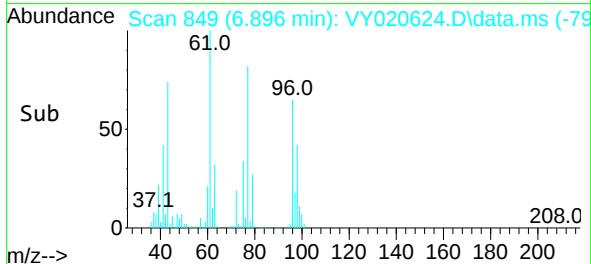
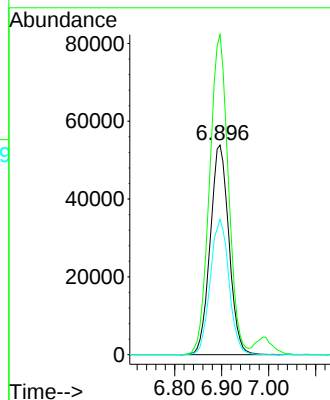
Tgt Ion: 96 Resp: 149031

Ion Ratio Lower Upper

96 100

61 153.1 0.0 306.2

98 64.6 0.0 127.2



#28

Bromochloromethane

Concen: 59.728 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

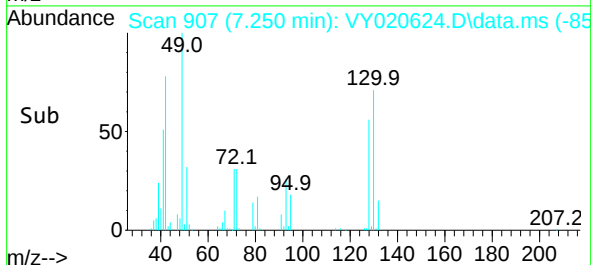
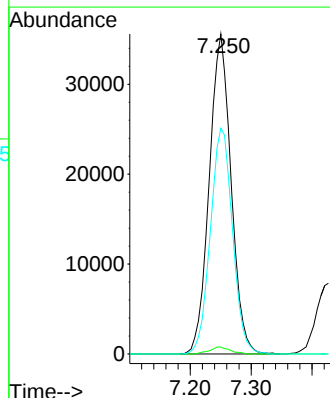
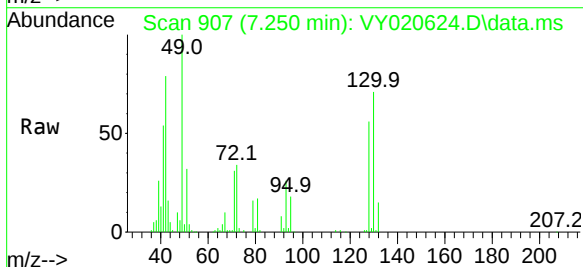
Tgt Ion: 49 Resp: 88572

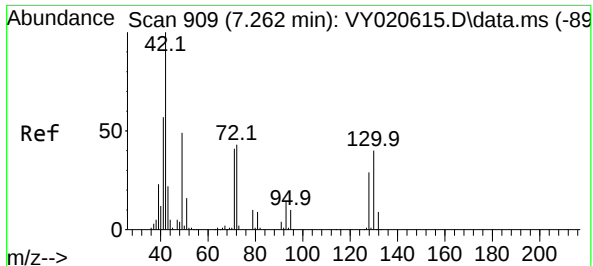
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

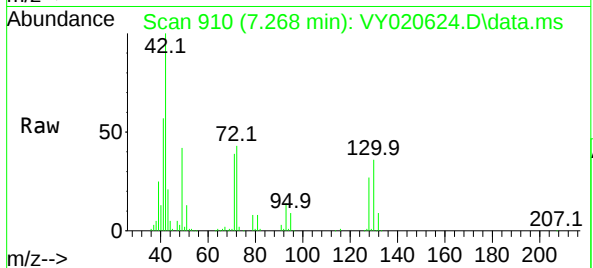
130 71.7 58.3 87.5



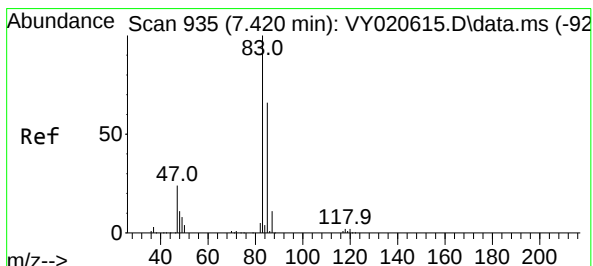
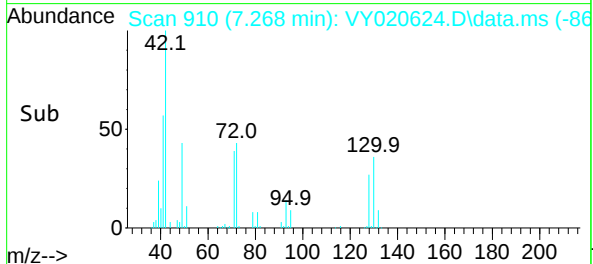
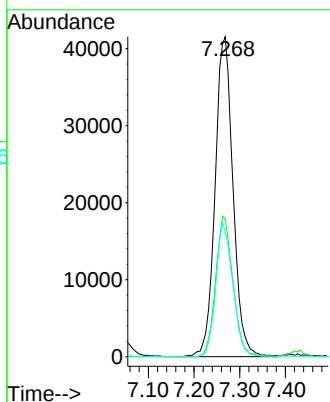


#29
Tetrahydrofuran
Concen: 262.171 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

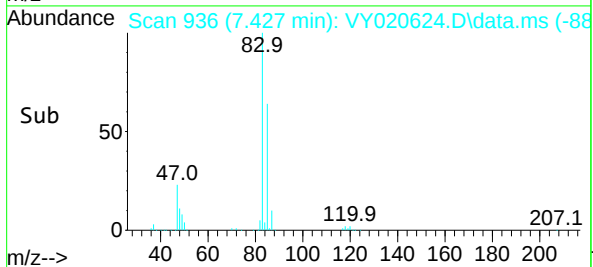
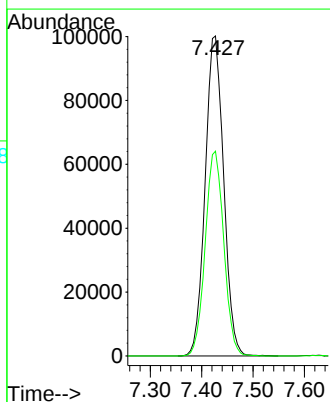
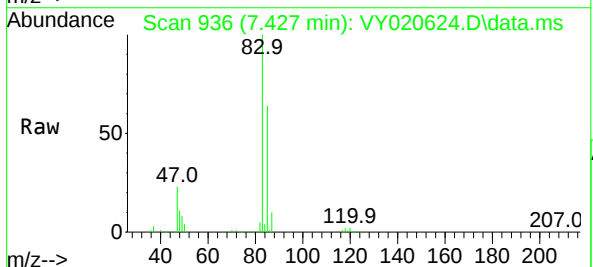


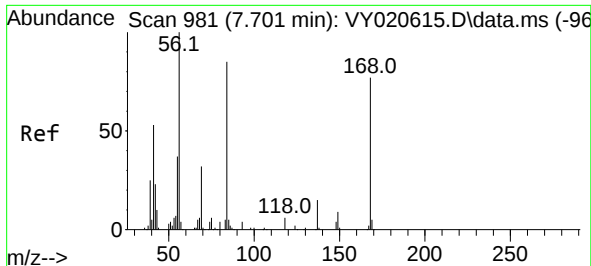
Tgt Ion: 42 Resp: 113384
Ion Ratio Lower Upper
42 100
72 42.2 34.0 51.0
71 39.7 31.6 47.4



#30
Chloroform
Concen: 57.517 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

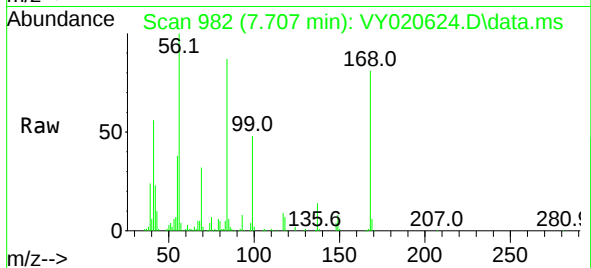
Tgt Ion: 83 Resp: 250397
Ion Ratio Lower Upper
83 100
85 64.0 52.7 79.1



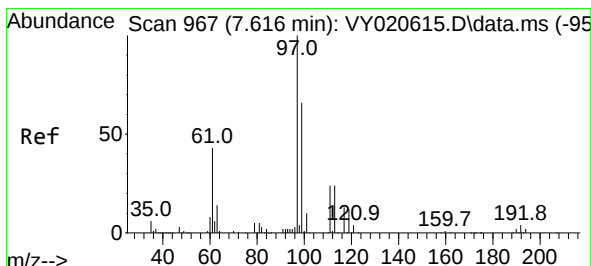
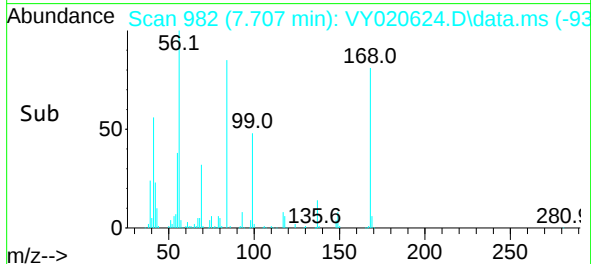
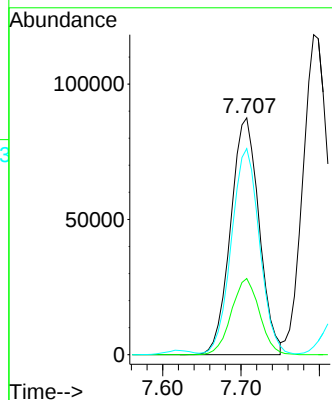


#31
Cyclohexane
Concen: 52.647 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

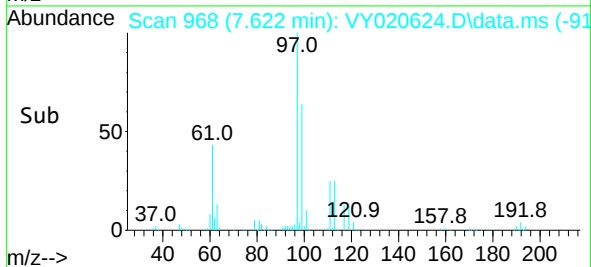
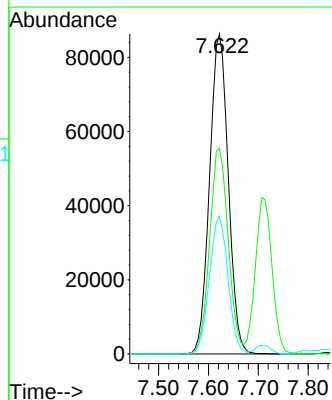
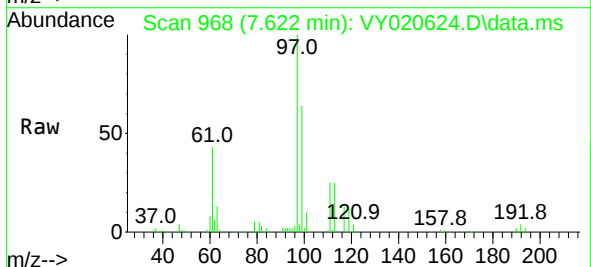


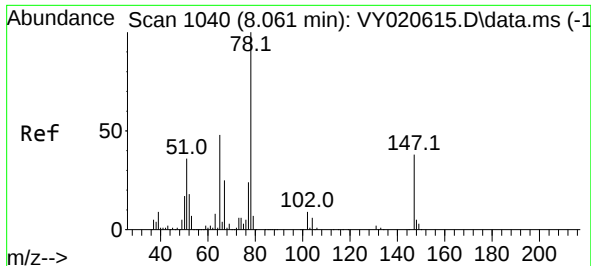
Tgt Ion: 56 Resp: 221311
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.0
84 85.3 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 55.569 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 97 Resp: 224446
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.954 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

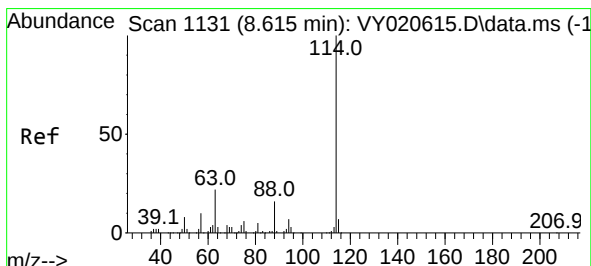
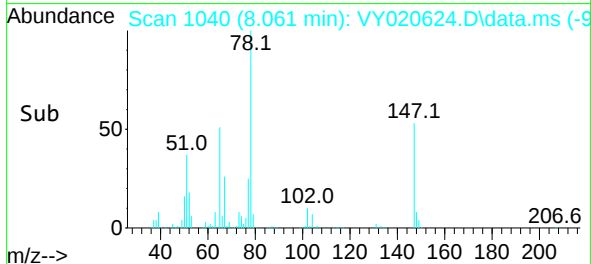
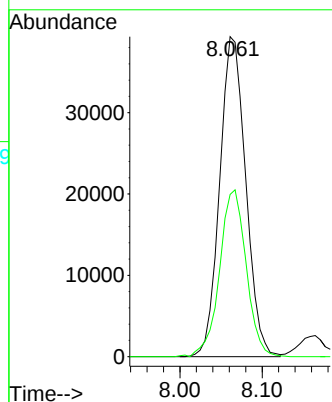
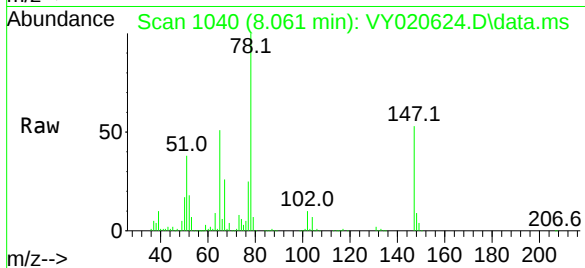
ClientSampleId :

Tgt Ion: 65 Resp: 86558

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

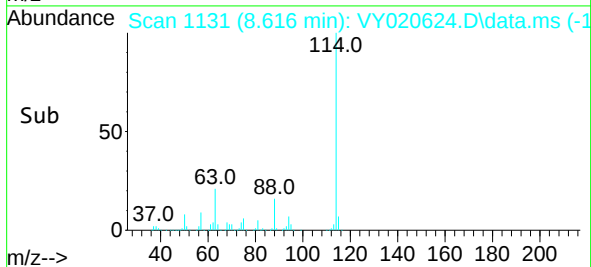
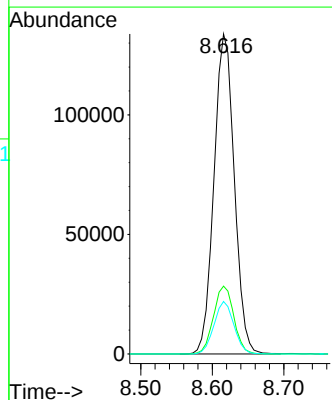
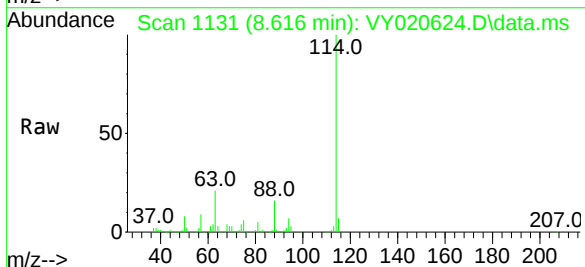
Tgt Ion: 114 Resp: 264221

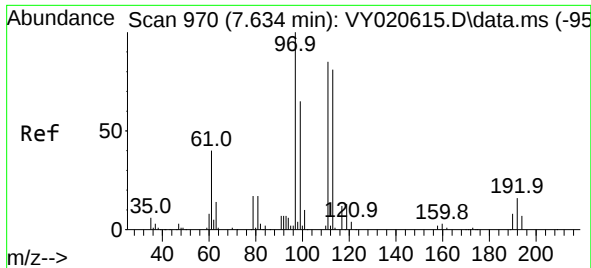
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.4 0.0 32.8

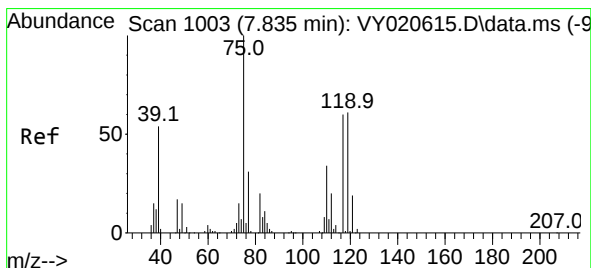
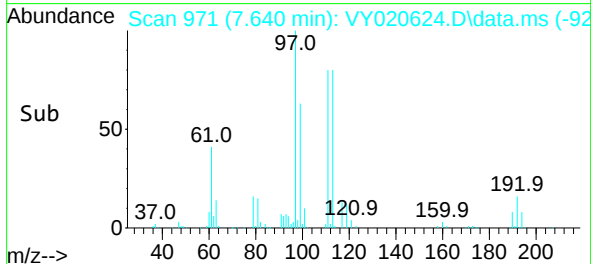
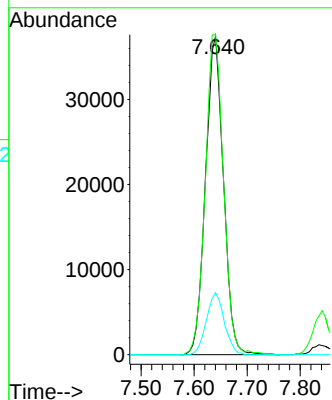
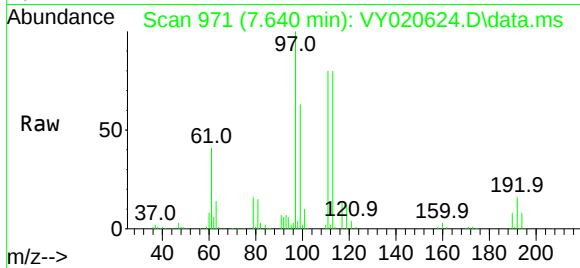




#35
Dibromofluoromethane
Concen: 47.179 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

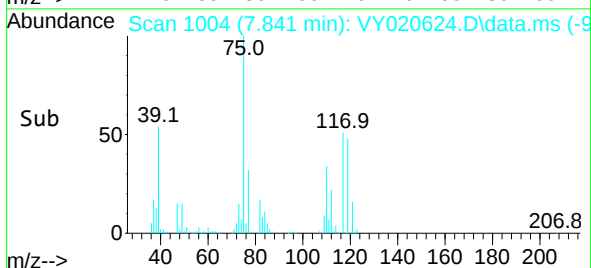
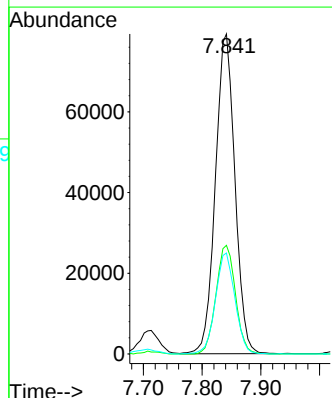
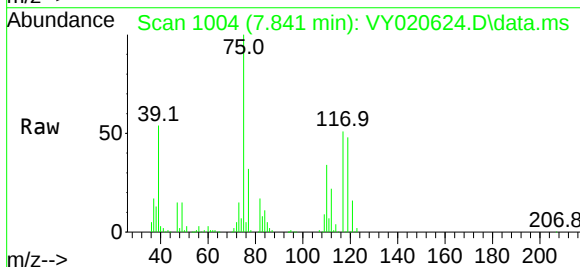
Instrument :
MSVOA_Y
ClientSampleId :

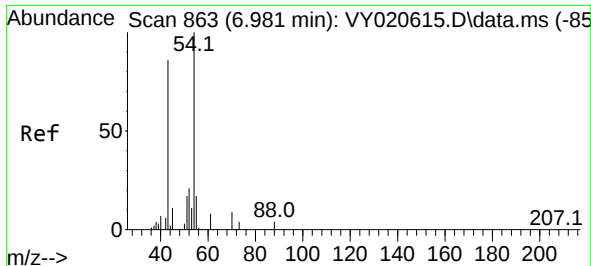
Tgt Ion:113 Resp: 87855
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.4 15.7 23.5



#36
1,1-Dichloropropene
Concen: 53.823 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 75 Resp: 182759
Ion Ratio Lower Upper
75 100
110 33.9 16.8 50.4
77 31.5 25.0 37.6





#37

Ethyl Acetate

Concen: 50.503 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

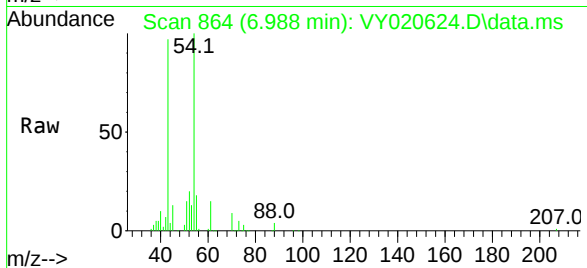
Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :



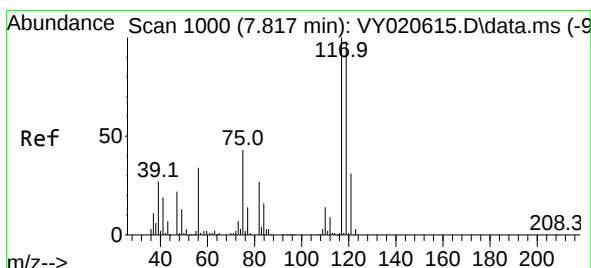
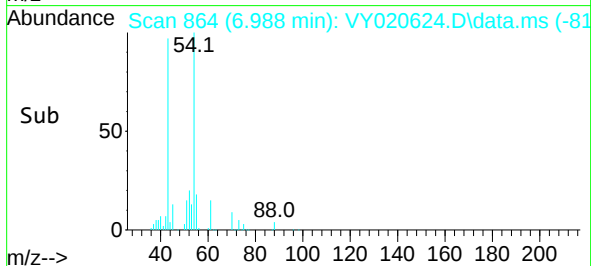
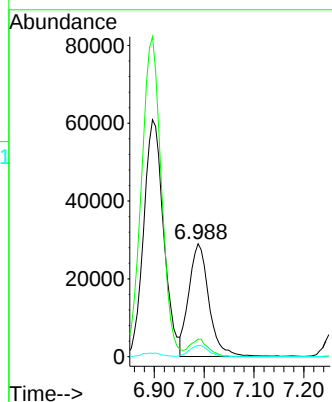
Tgt Ion: 43 Resp: 80664

Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.4

70 9.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 54.551 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

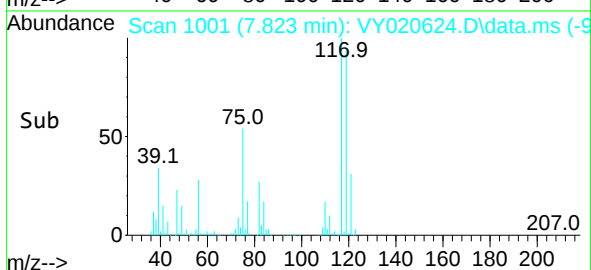
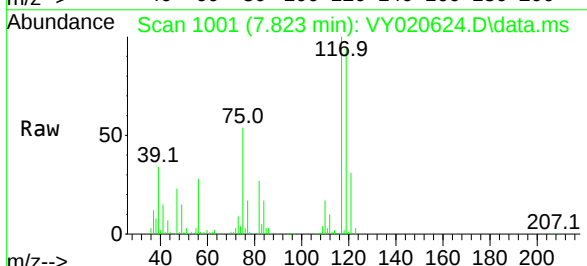
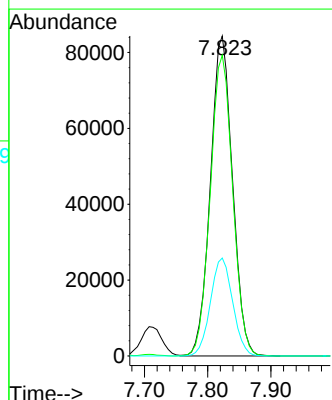
Tgt Ion: 117 Resp: 204938

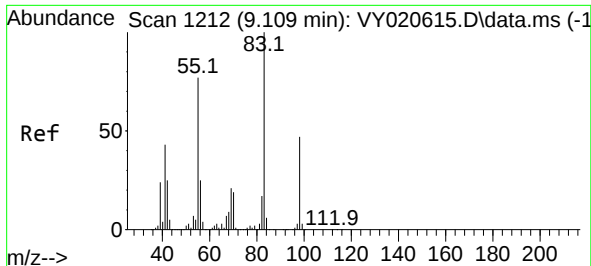
Ion Ratio Lower Upper

117 100

119 94.0 78.3 117.5

121 30.6 25.1 37.7





#39

Methylcyclohexane

Concen: 53.675 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

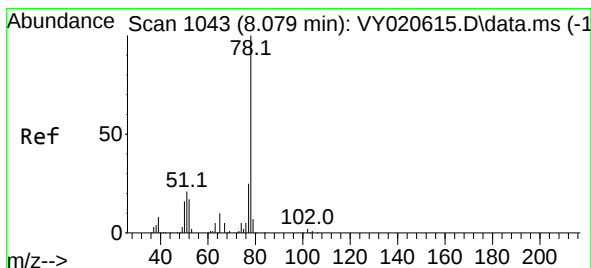
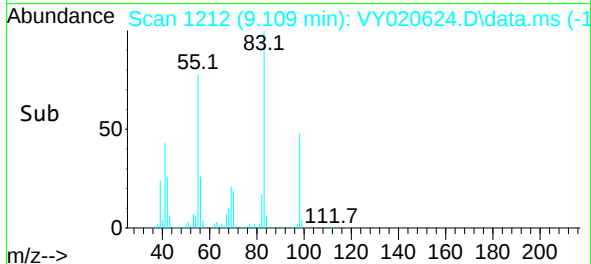
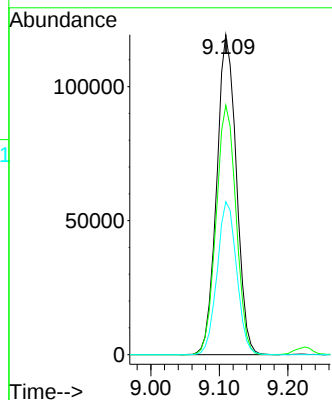
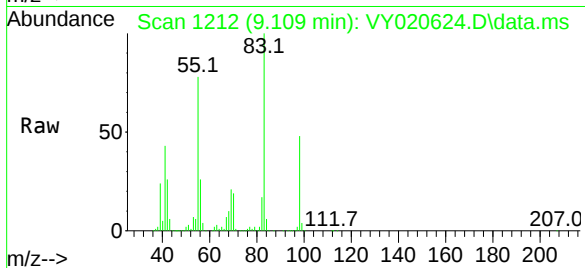
Tgt Ion: 83 Resp: 237543

Ion Ratio Lower Upper

83 100

55 77.9 61.4 92.0

98 47.8 37.3 55.9



#40

Benzene

Concen: 54.354 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020624.D

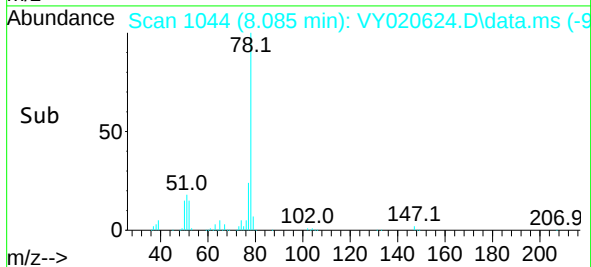
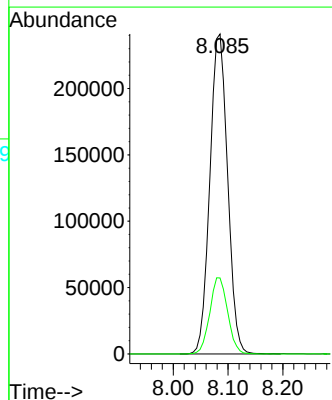
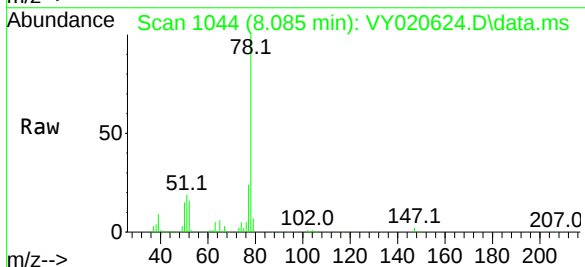
Acq: 18 Dec 2024 10:06

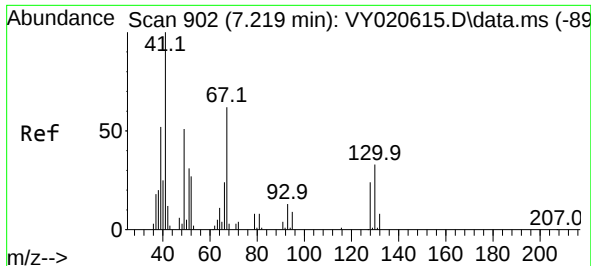
Tgt Ion: 78 Resp: 540984

Ion Ratio Lower Upper

78 100

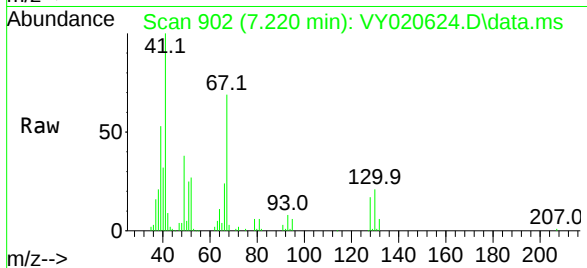
77 23.8 20.1 30.1



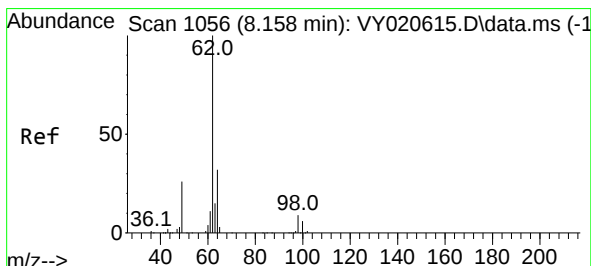
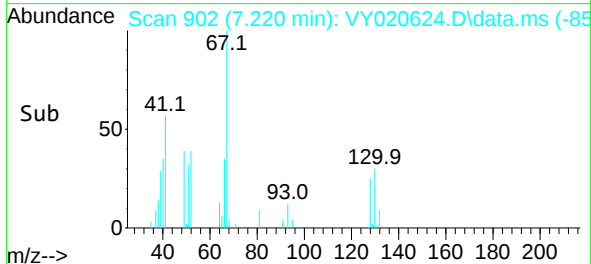
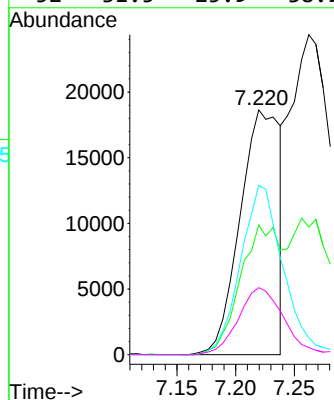


#41
Methacrylonitrile
Concen: 52.153 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

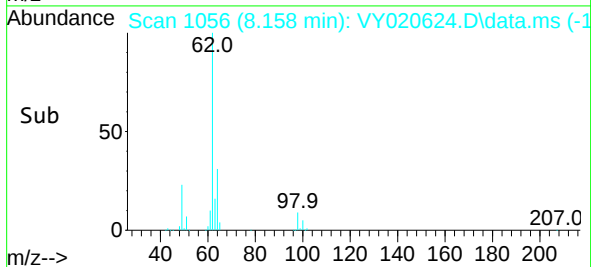
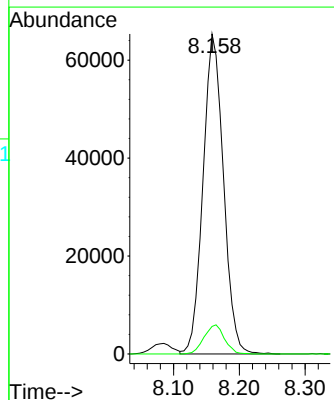
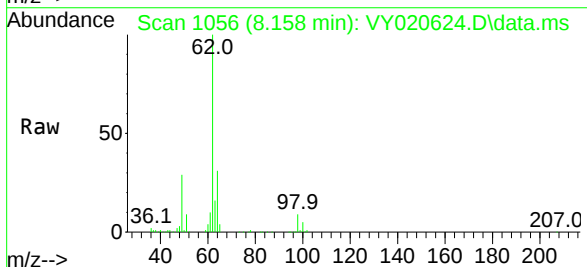


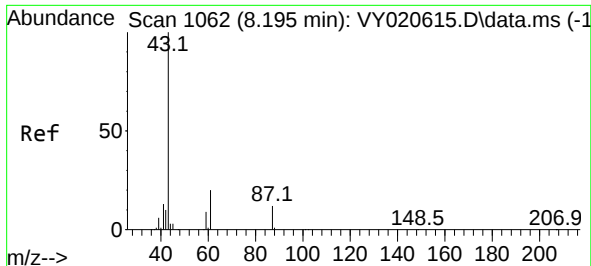
Tgt Ion: 41 Resp: 44038
Ion Ratio Lower Upper
41 100
39 51.6 53.6 80.4#
67 74.4 62.0 93.0
52 31.5 25.9 38.9



#42
1,2-Dichloroethane
Concen: 53.455 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 62 Resp: 141108
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0

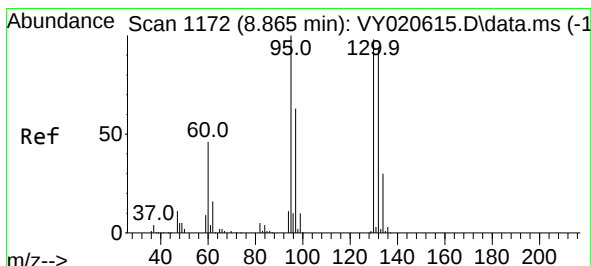
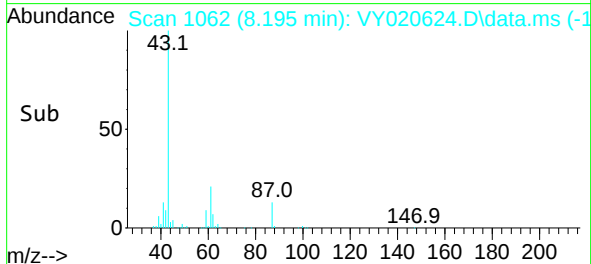
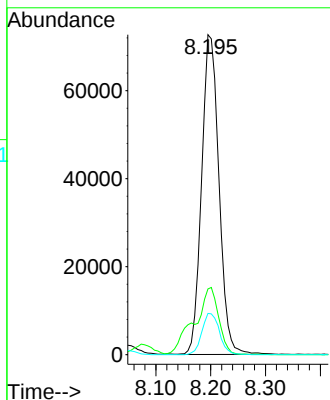
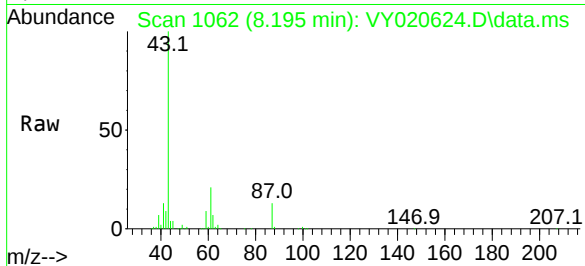




#43
Isopropyl Acetate
Concen: 52.850 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

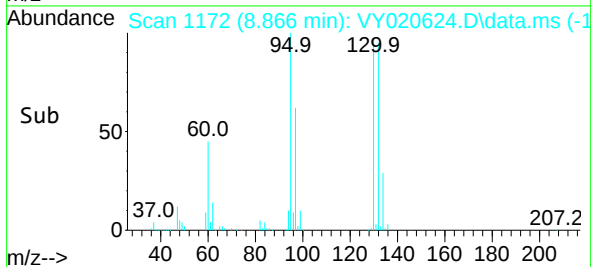
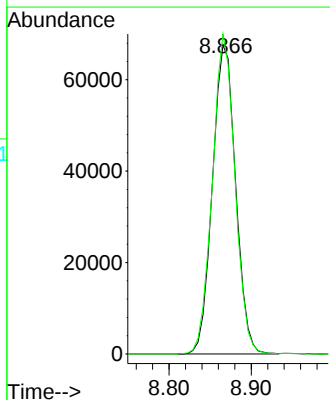
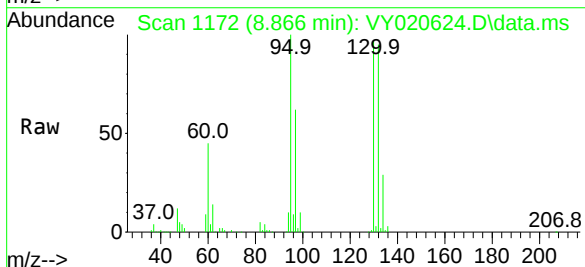
Instrument :
MSVOA_Y
ClientSampleId :

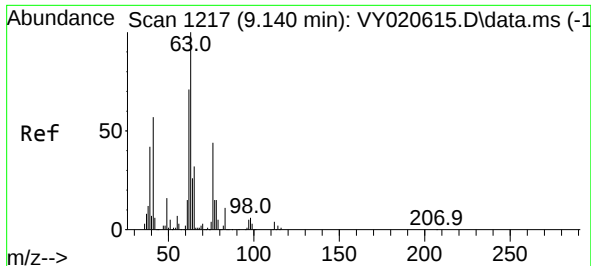
Tgt Ion: 43 Resp: 159807
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.6
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 54.118 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:130 Resp: 132352
Ion Ratio Lower Upper
130 100
95 103.6 0.0 203.2





#45

1,2-Dichloropropane

Concen: 54.066 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

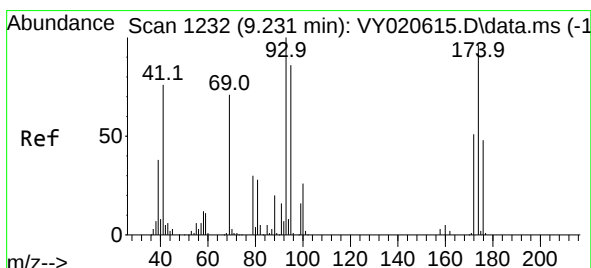
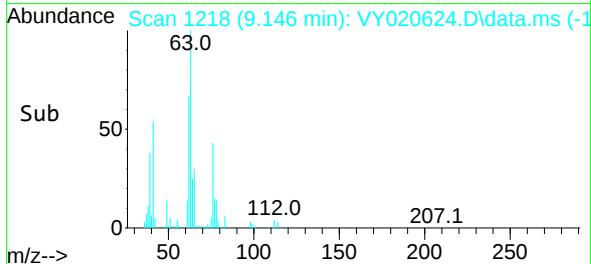
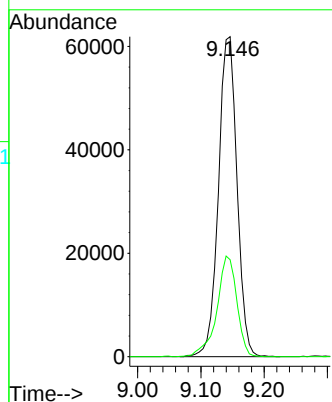
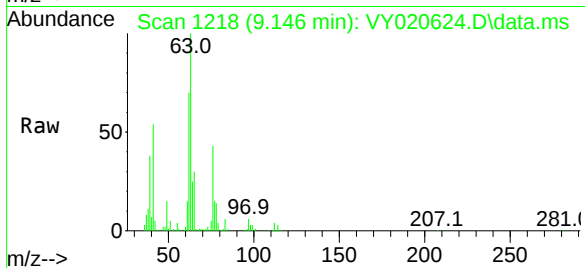
ClientSampleId :

Tgt Ion: 63 Resp: 125765

Ion Ratio Lower Upper

63 100

65 30.3 25.9 38.9



#46

Dibromomethane

Concen: 52.532 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

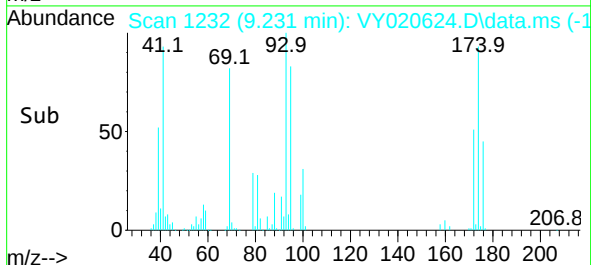
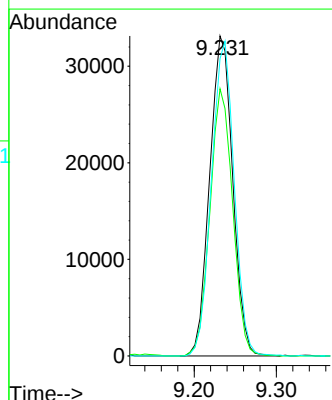
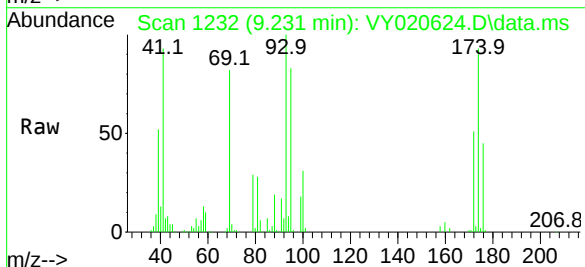
Tgt Ion: 93 Resp: 64580

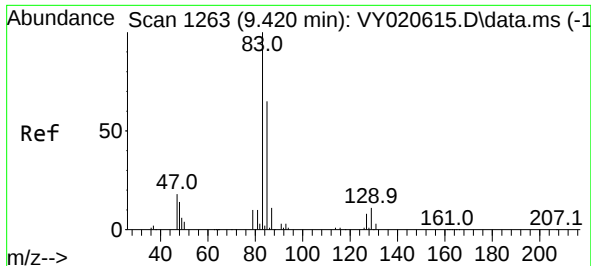
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 97.2 77.8 116.6

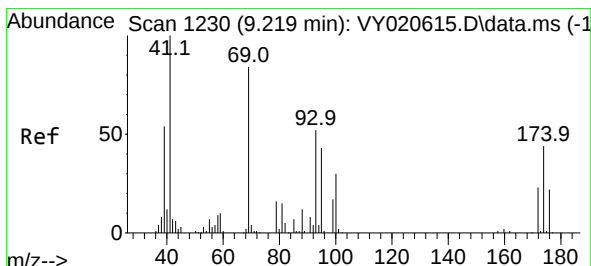
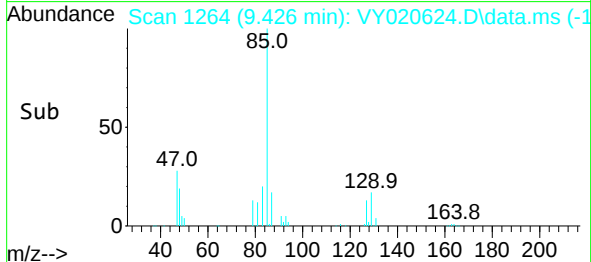
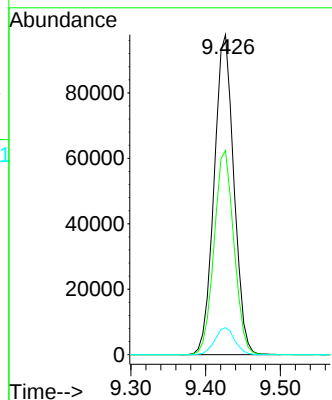
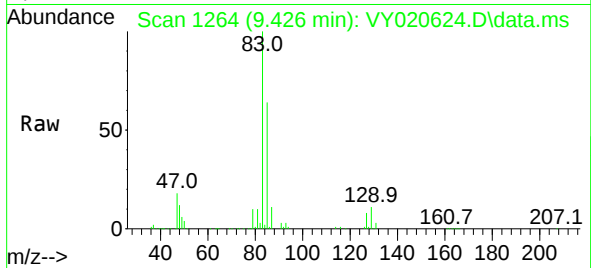




#47
Bromodichloromethane
Concen: 54.016 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

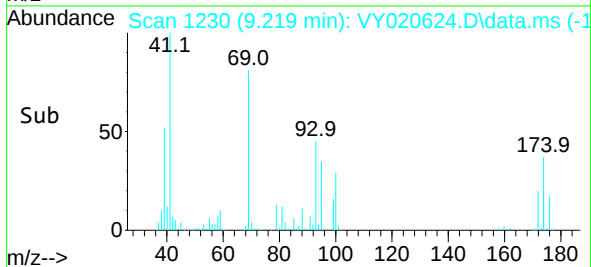
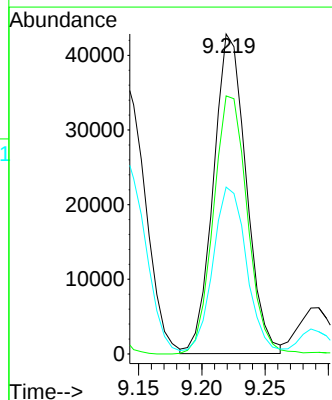
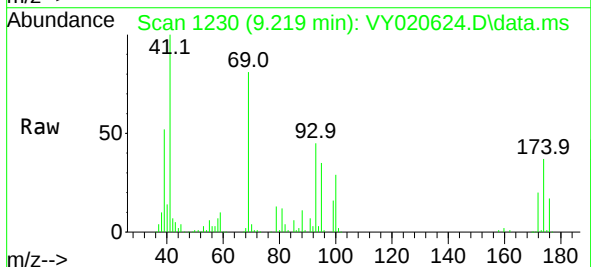
Instrument :
MSVOA_Y
ClientSampleId :

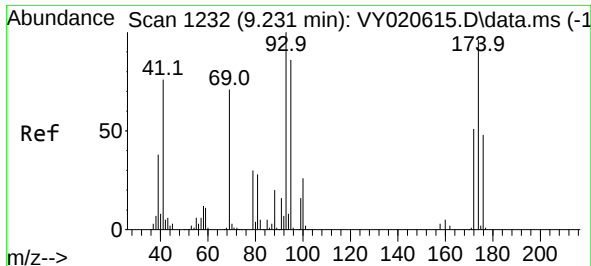
Tgt Ion: 83 Resp: 179372
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 53.715 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

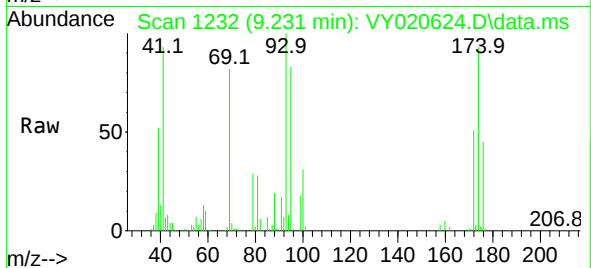
Tgt Ion: 41 Resp: 77215
Ion Ratio Lower Upper
41 100
69 84.1 67.2 100.8
39 51.8 42.2 63.4



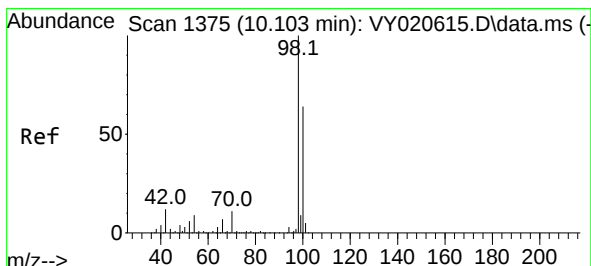
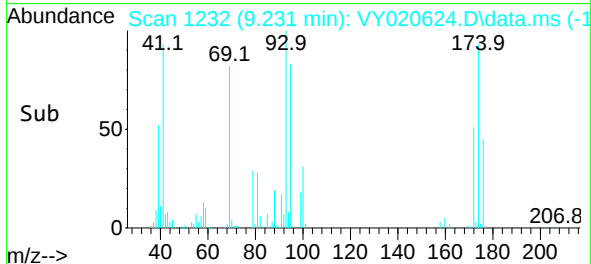
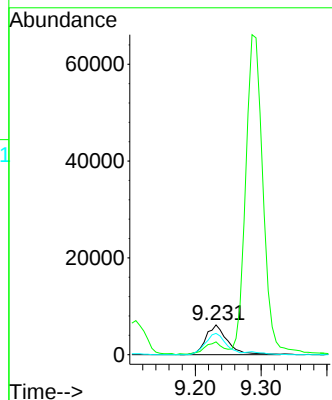


#49
1,4-Dioxane
Concen: 994.589 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

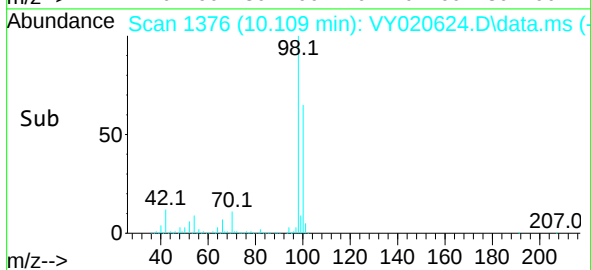
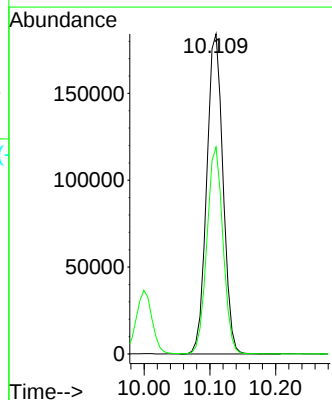
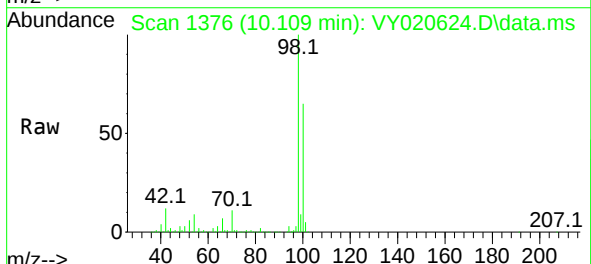


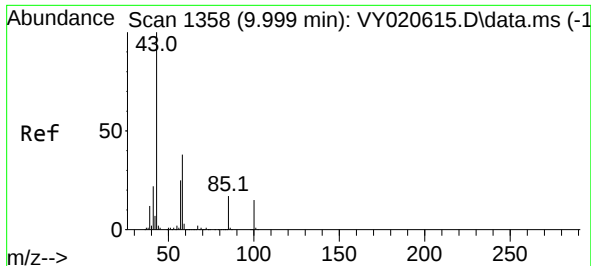
Tgt Ion: 88 Resp: 14022
Ion Ratio Lower Upper
88 100
43 38.0 27.6 41.4
58 69.2 61.7 92.5



#50
Toluene-d8
Concen: 48.577 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 98 Resp: 316621
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 253.299 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

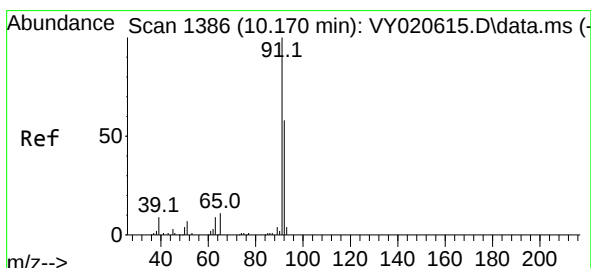
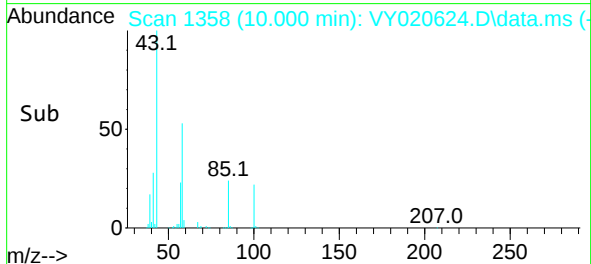
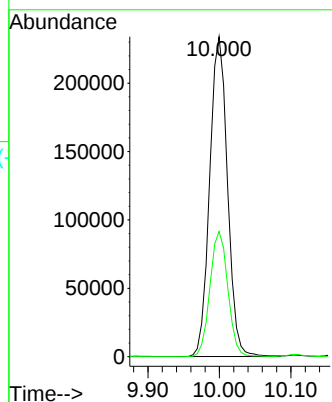
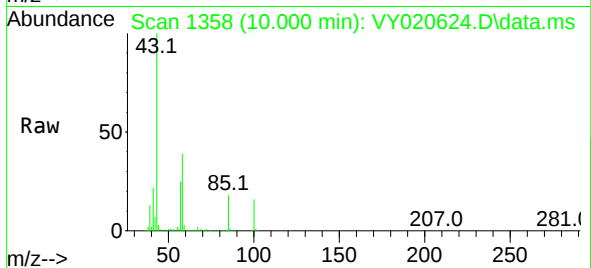
ClientSampleId :

Tgt Ion: 43 Resp: 404285

Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2



#52

Toluene

Concen: 54.863 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020624.D

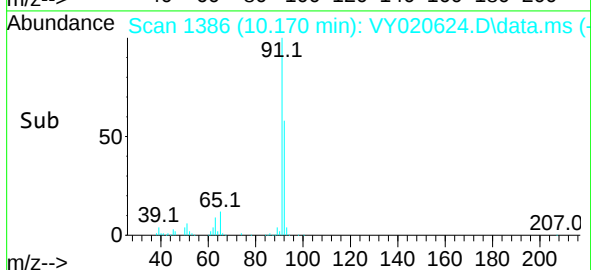
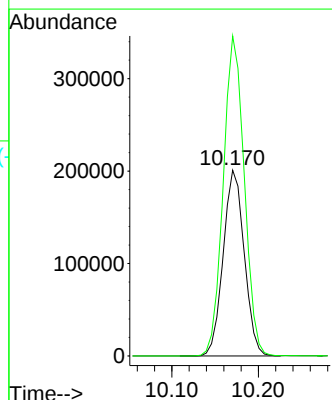
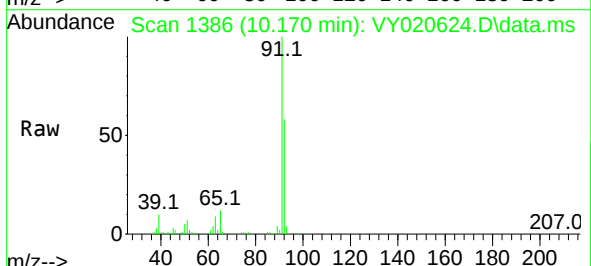
Acq: 18 Dec 2024 10:06

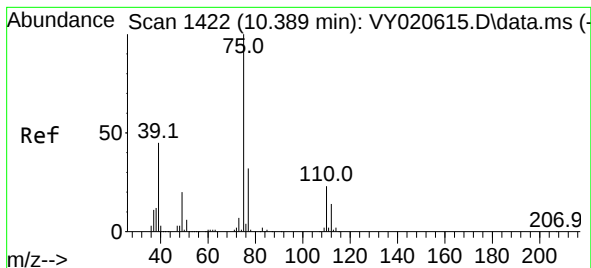
Tgt Ion: 92 Resp: 339344

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.0

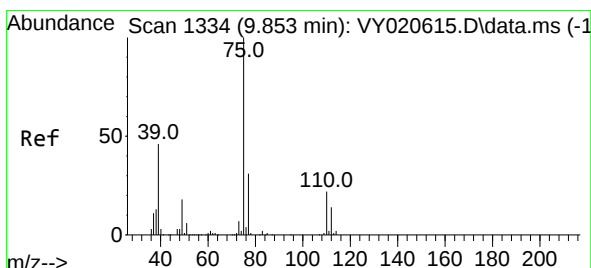
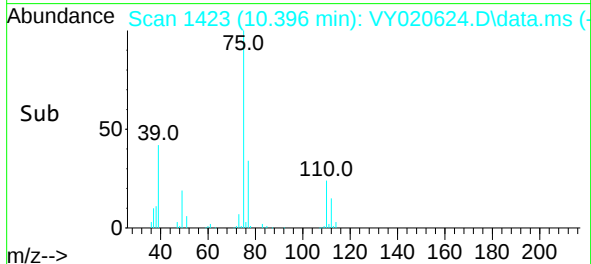
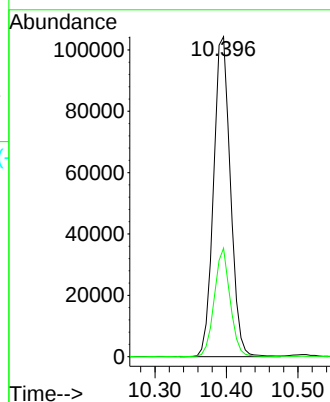
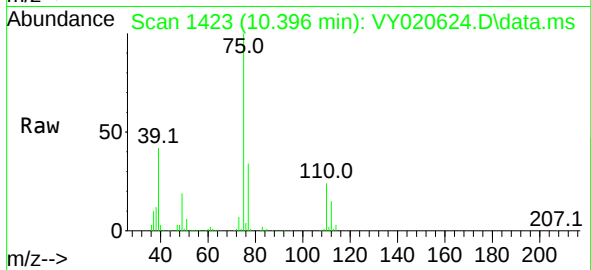




#53
 t-1,3-Dichloropropene
 Concen: 55.198 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY020624.D
 Acq: 18 Dec 2024 10:06

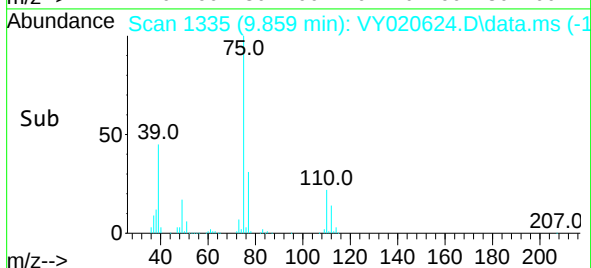
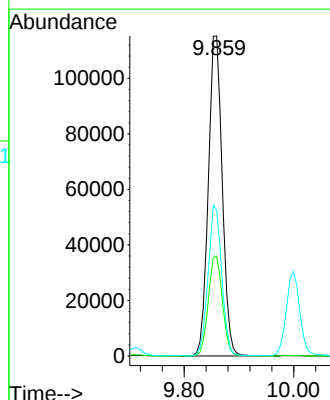
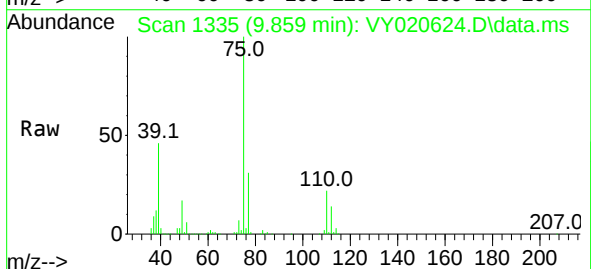
Instrument :
 MSVOA_Y
 ClientSampleId :

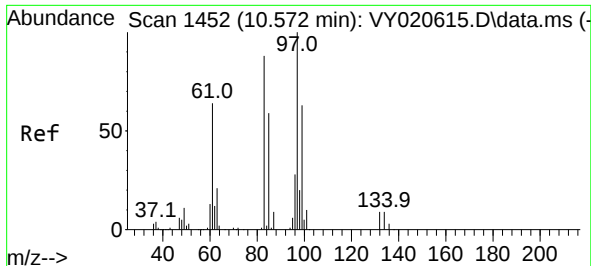
Tgt Ion: 75 Resp: 170796
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.269 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY020624.D
 Acq: 18 Dec 2024 10:06

Tgt Ion: 75 Resp: 202649
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8
 39 45.5 36.4 54.6

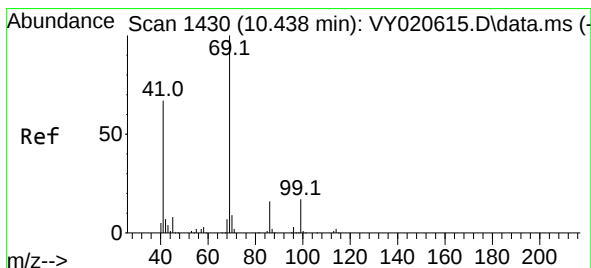
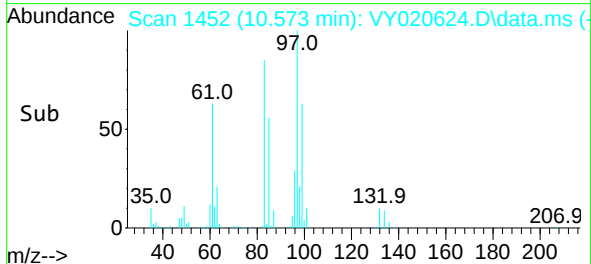
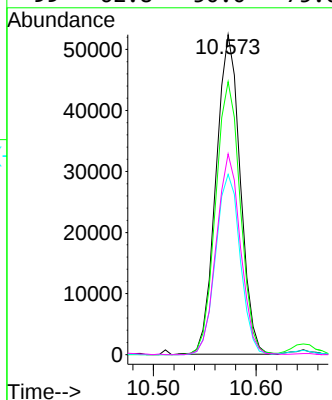
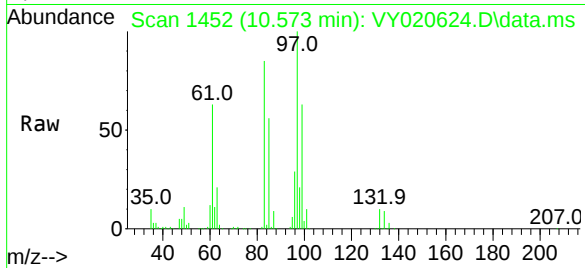




#55
1,1,2-Trichloroethane
Concen: 52.628 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

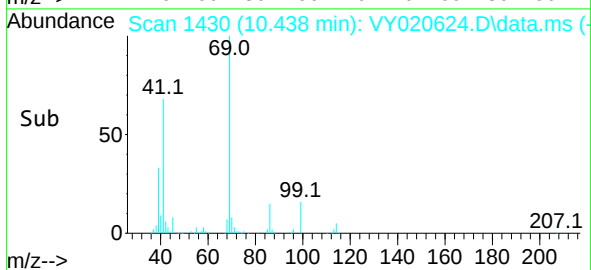
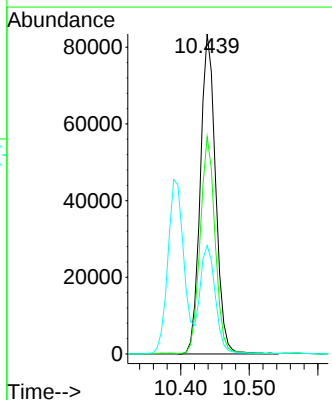
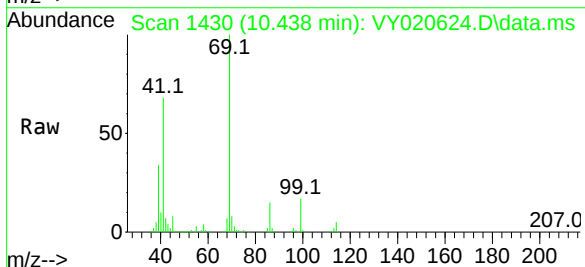
Instrument :
MSVOA_Y
ClientSampleId :

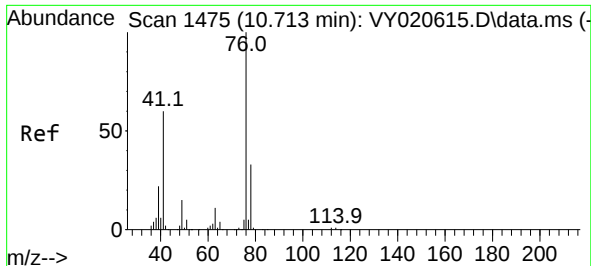
Tgt Ion: 97	Resp: 85539
Ion Ratio	Lower Upper
97 100	
83 85.4	70.4 105.6
85 56.4	47.2 70.8
99 62.8	50.0 75.0



#56
Ethyl methacrylate
Concen: 55.014 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 69	Resp: 129721
Ion Ratio	Lower Upper
69 100	
41 66.1	54.0 81.0
39 33.2	27.9 41.9





#57

1,3-Dichloropropane

Concen: 54.170 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

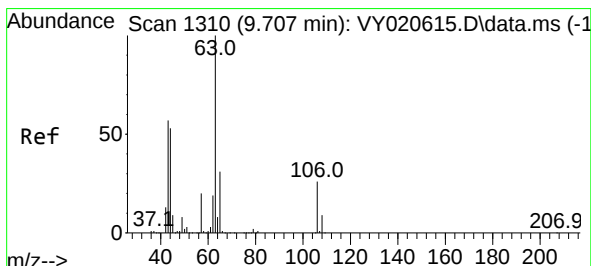
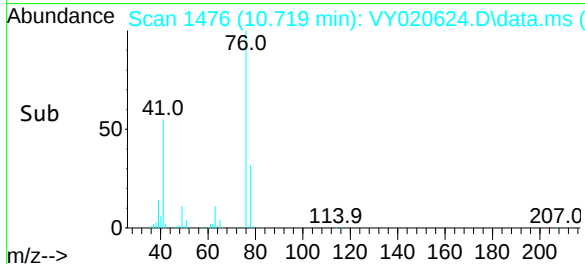
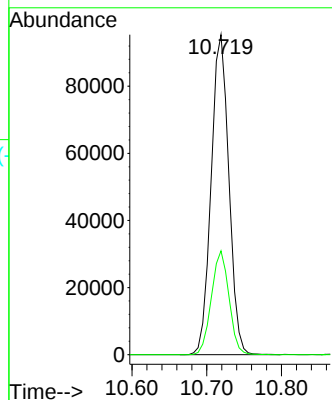
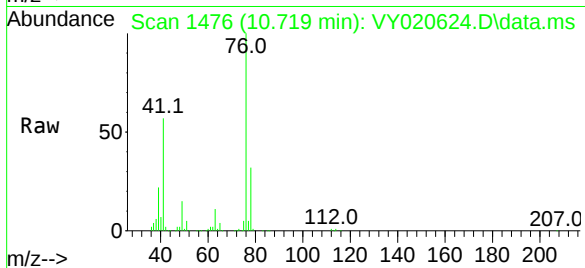
ClientSampleId :

Tgt Ion: 76 Resp: 156953

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 258.372 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020624.D

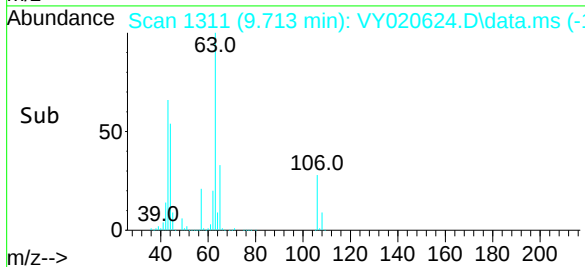
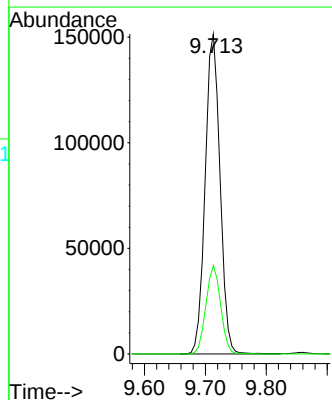
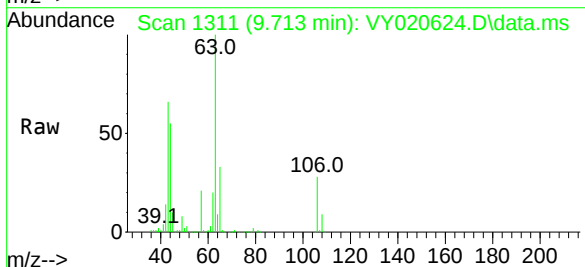
Acq: 18 Dec 2024 10:06

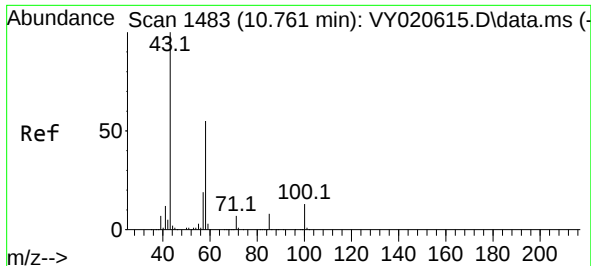
Tgt Ion: 63 Resp: 256343

Ion Ratio Lower Upper

63 100

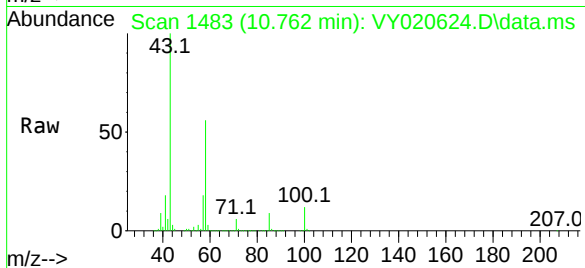
106 27.4 21.5 32.3



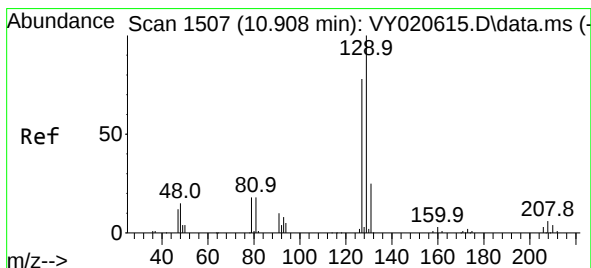
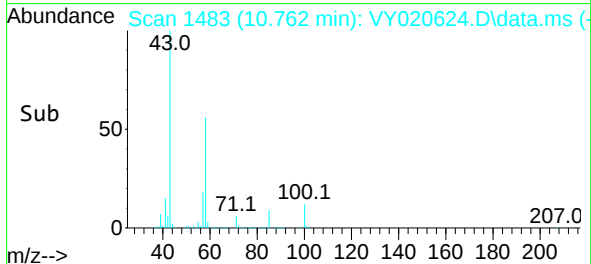
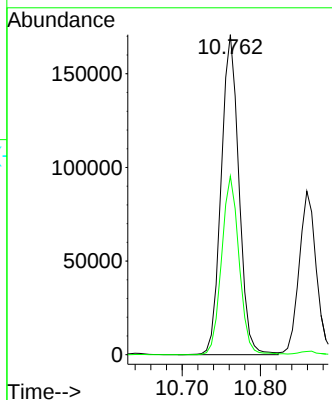


#59
2-Hexanone
Concen: 262.911 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

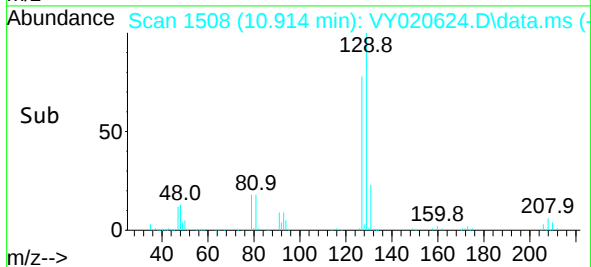
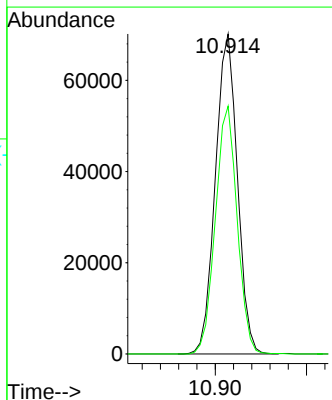
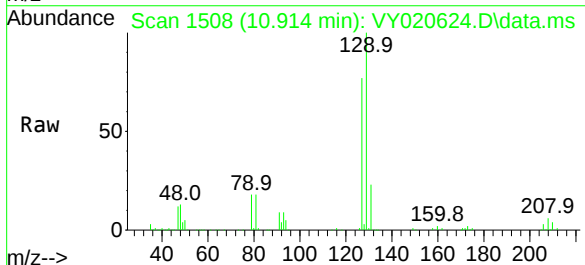


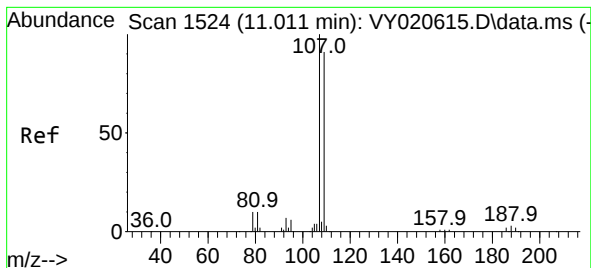
Tgt Ion: 43 Resp: 269419
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.6



#60
Dibromochloromethane
Concen: 54.051 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:129 Resp: 117491
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3

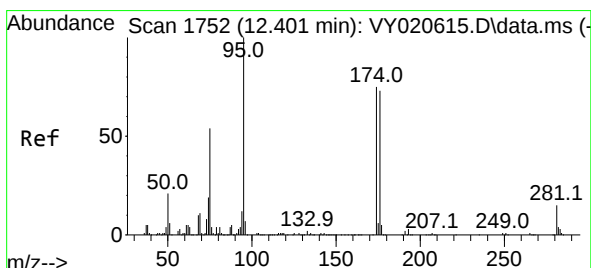
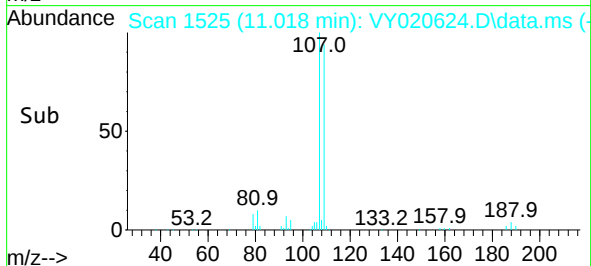
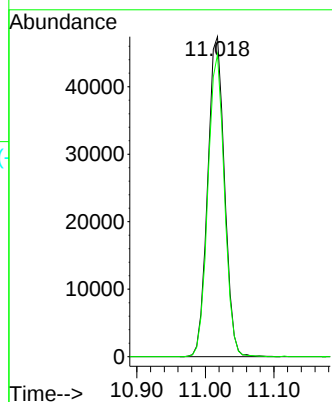
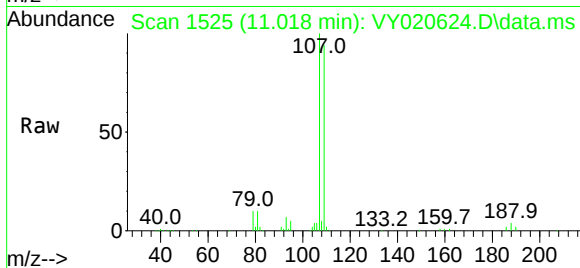




#61
1,2-Dibromoethane
Concen: 53.556 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

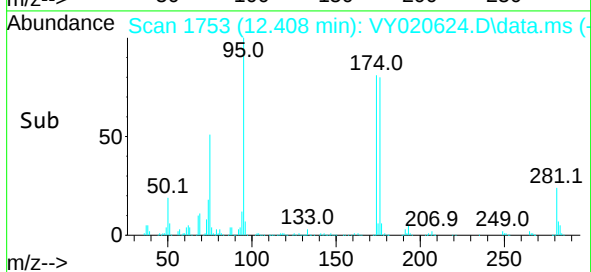
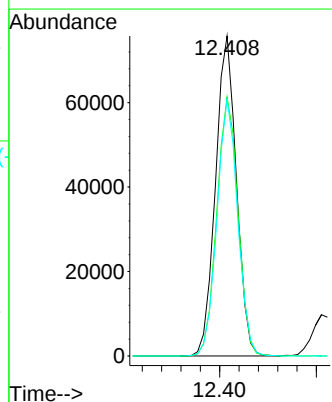
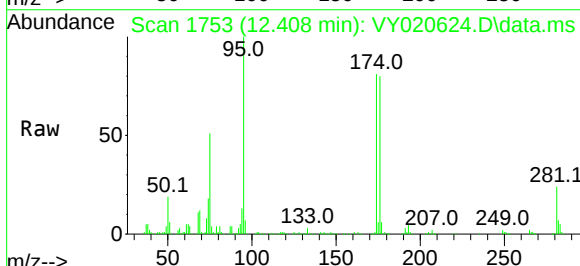
Instrument :
MSVOA_Y
ClientSampleId :

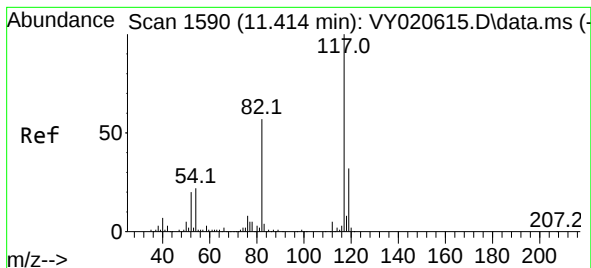
Tgt Ion:107 Resp: 80970
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 44.531 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 95 Resp: 113536
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.8
176 79.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

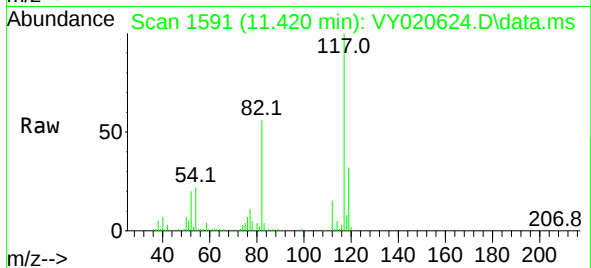
Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :



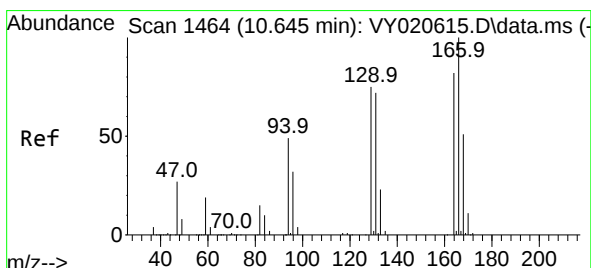
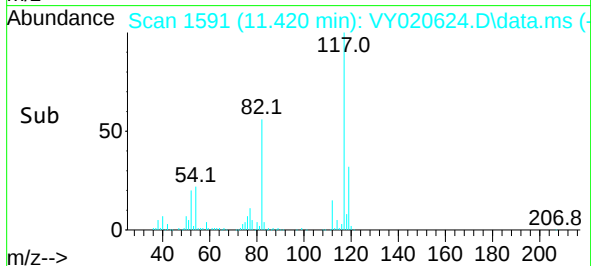
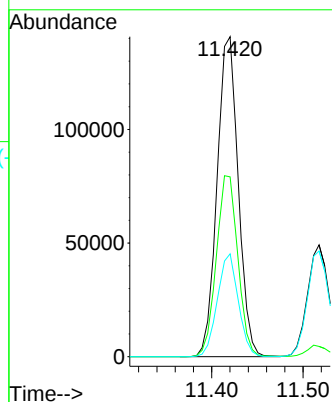
Tgt Ion:117 Resp: 226779

Ion Ratio Lower Upper

117 100

82 56.2 45.8 68.6

119 32.2 25.3 37.9



#64

Tetrachloroethene

Concen: 54.665 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion:164 Resp: 116607

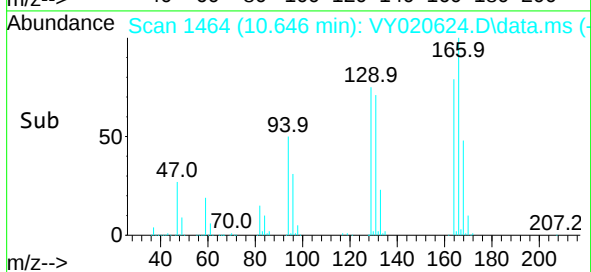
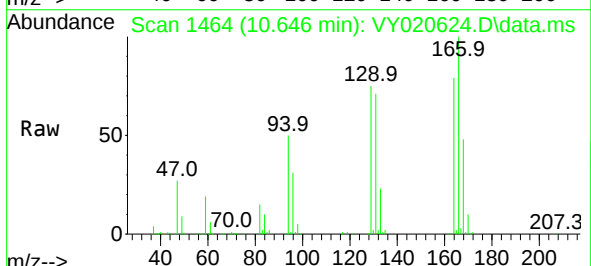
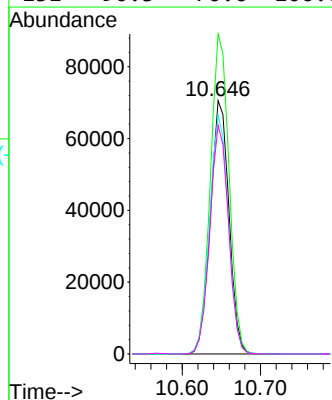
Ion Ratio Lower Upper

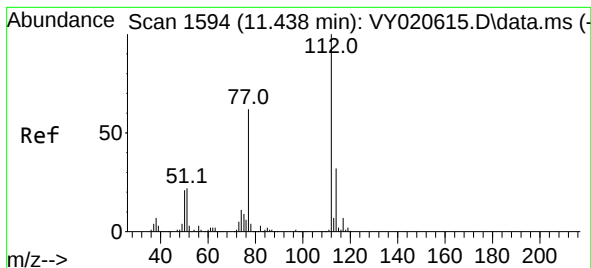
164 100

166 126.4 97.9 146.9

129 94.3 73.4 110.0

131 90.3 70.6 106.0





#65

Chlorobenzene

Concen: 56.304 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

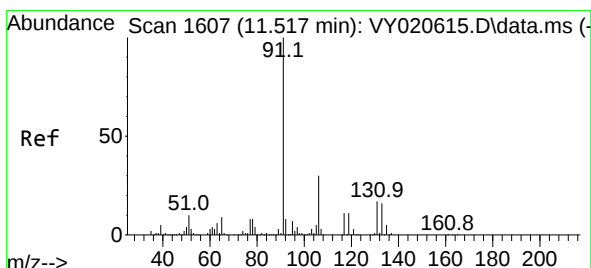
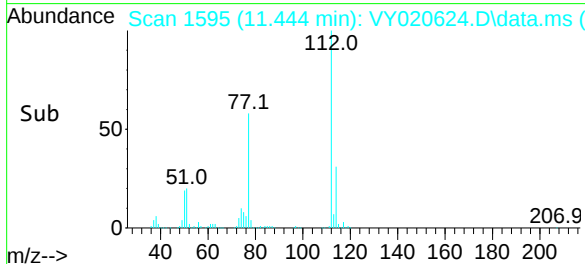
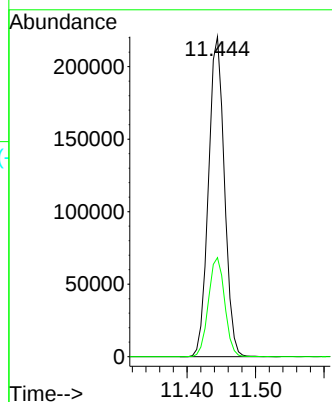
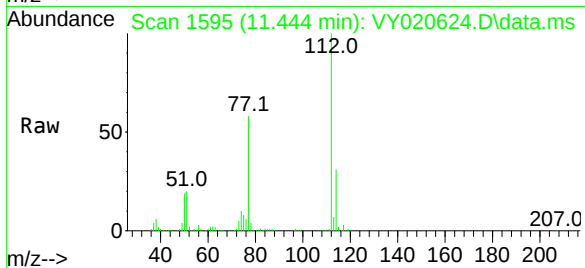
ClientSampleId :

Tgt Ion:112 Resp: 357020

Ion Ratio Lower Upper

112 100

114 31.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 56.082 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

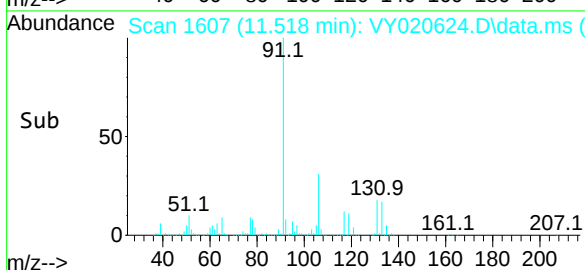
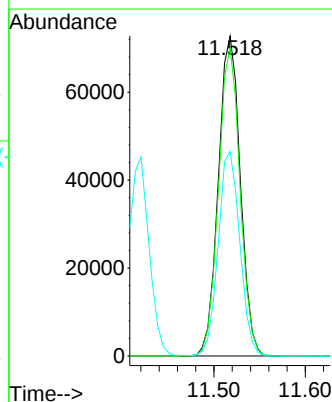
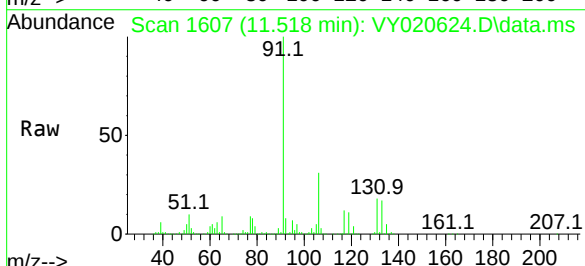
Tgt Ion:131 Resp: 121601

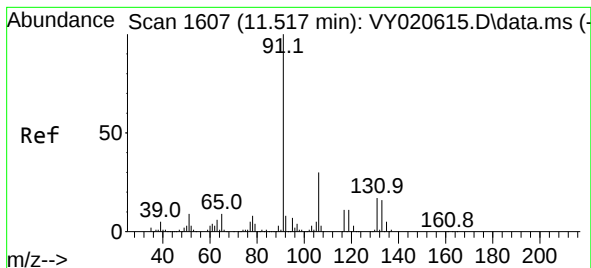
Ion Ratio Lower Upper

131 100

133 94.4 46.8 140.3

119 63.0 31.8 95.3





#67

Ethyl Benzene

Concen: 56.046 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

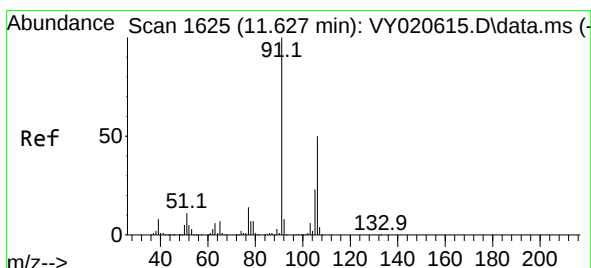
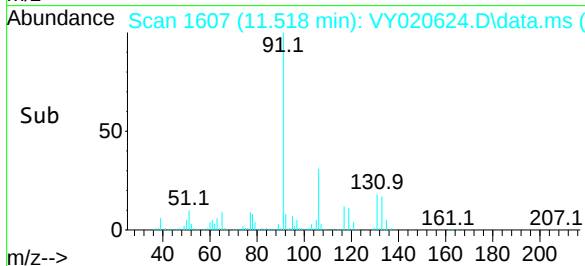
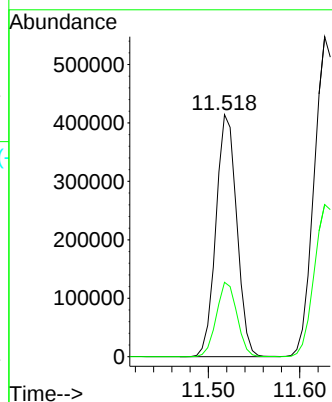
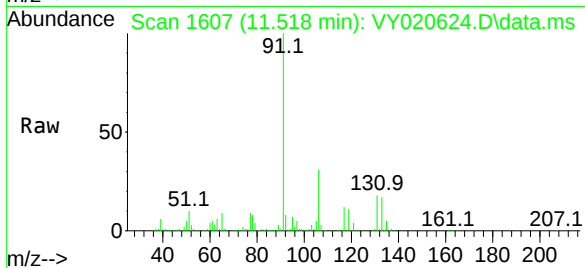
ClientSampleId :

Tgt Ion: 91 Resp: 655644

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 111.272 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020624.D

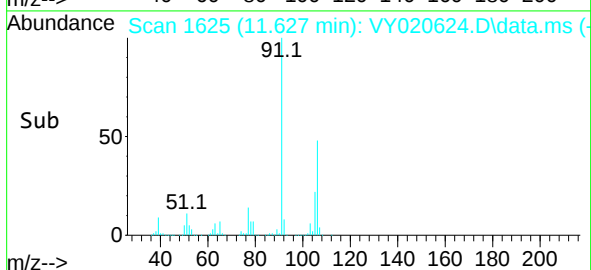
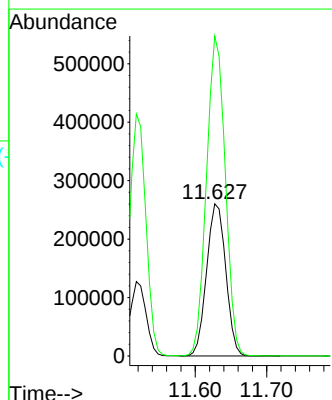
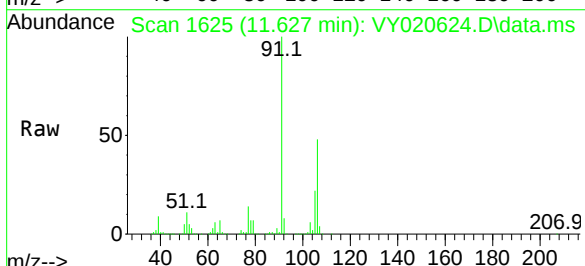
Acq: 18 Dec 2024 10:06

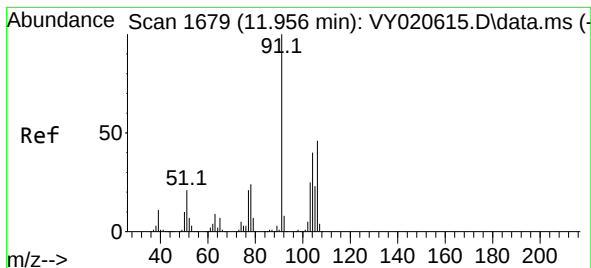
Tgt Ion:106 Resp: 483989

Ion Ratio Lower Upper

106 100

91 206.7 165.0 247.4





#69

o-Xylene

Concen: 55.953 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

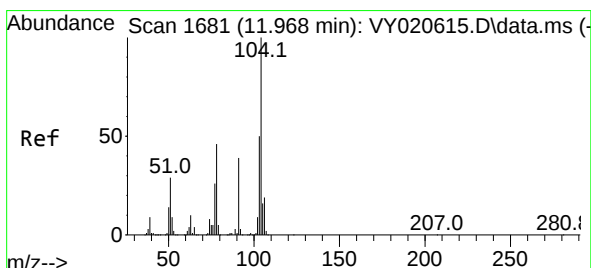
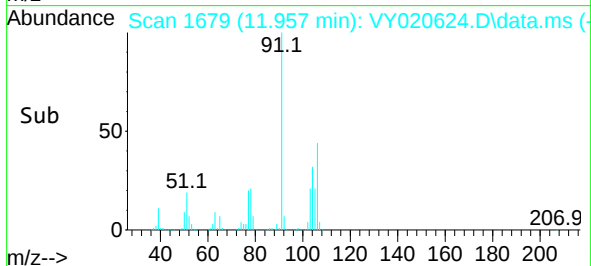
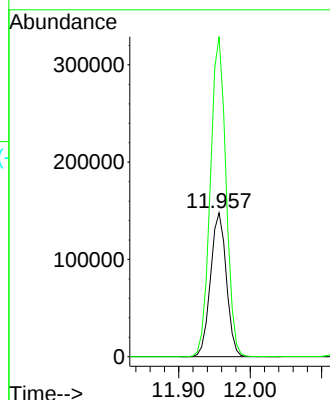
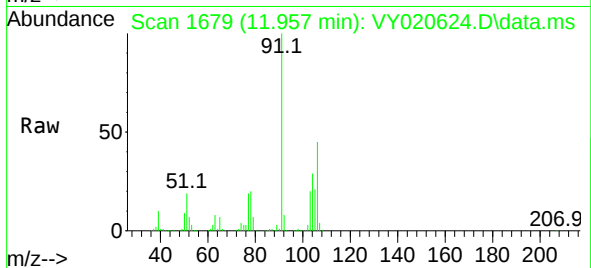
ClientSampleId :

Tgt Ion:106 Resp: 227073

Ion Ratio Lower Upper

106 100

91 220.0 108.4 325.2



#70

Styrene

Concen: 56.046 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

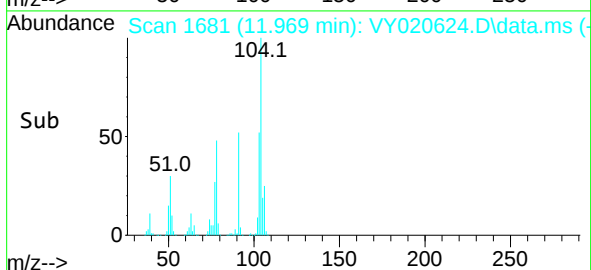
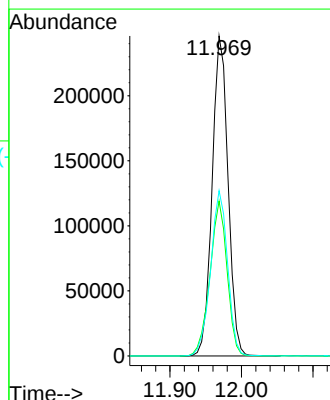
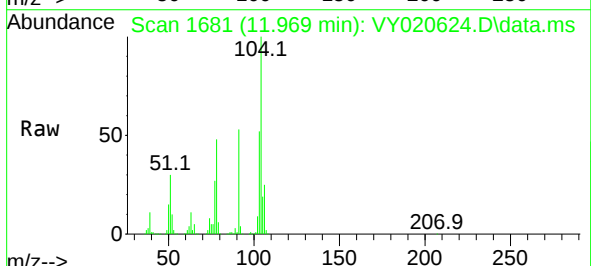
Tgt Ion:104 Resp: 380019

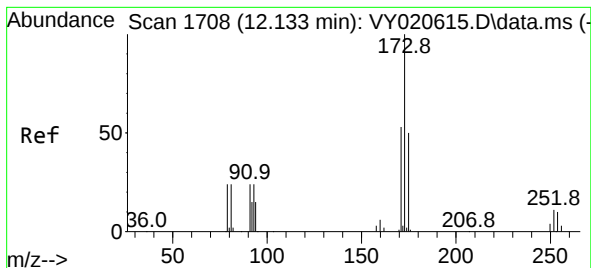
Ion Ratio Lower Upper

104 100

78 52.0 41.6 62.4

103 55.3 43.7 65.5





#71

Bromoform

Concen: 54.507 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020624.D

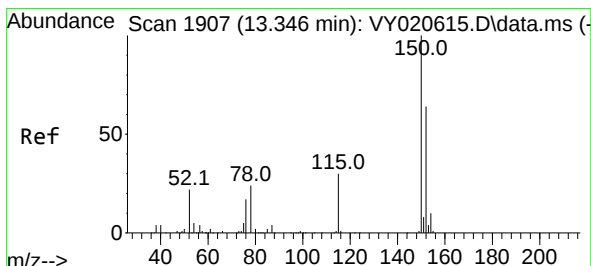
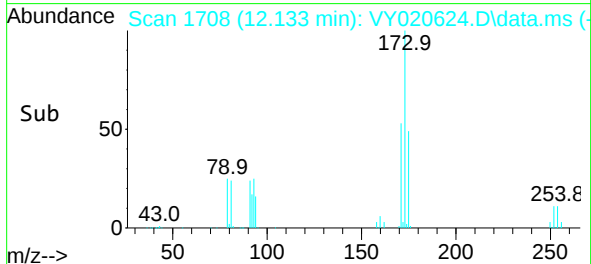
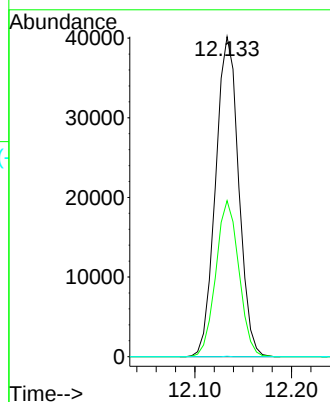
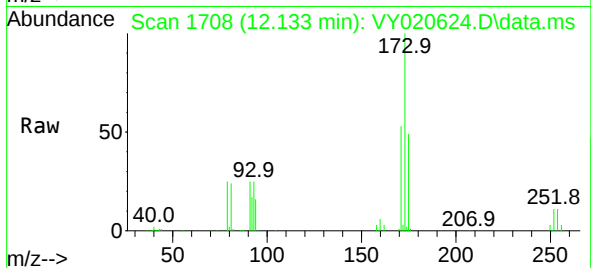
Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 66448
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.6 74.0
 254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

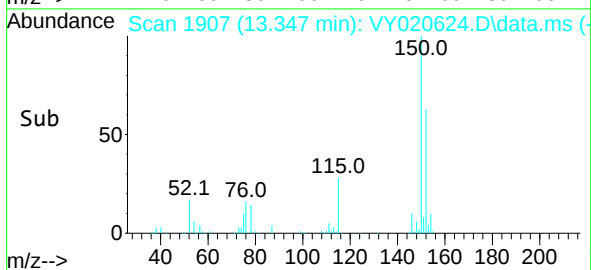
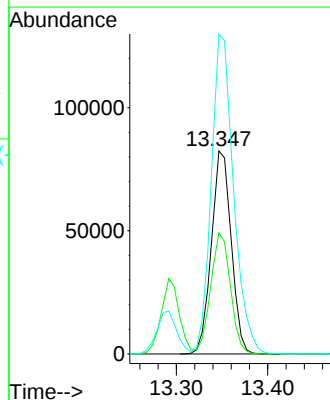
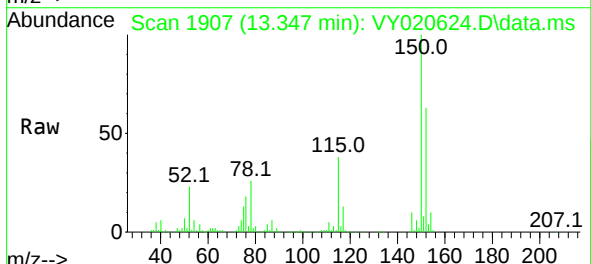
RT: 13.347 min Scan# 1907

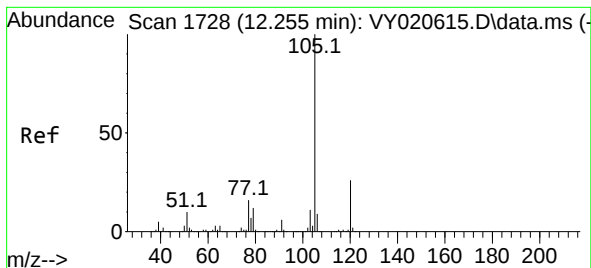
Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion:152 Resp: 124266
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.2 90.6
 150 176.9 0.0 355.4





#73

Isopropylbenzene

Concen: 57.082 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

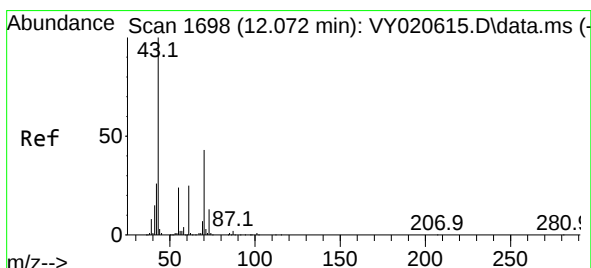
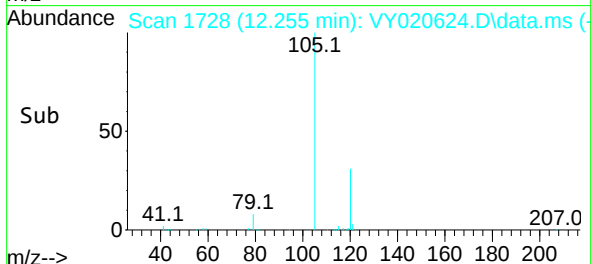
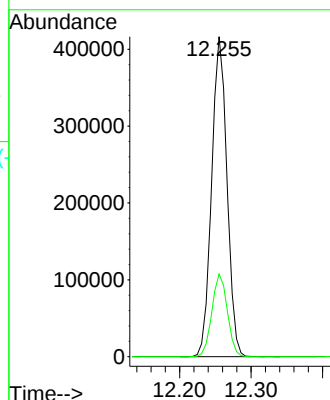
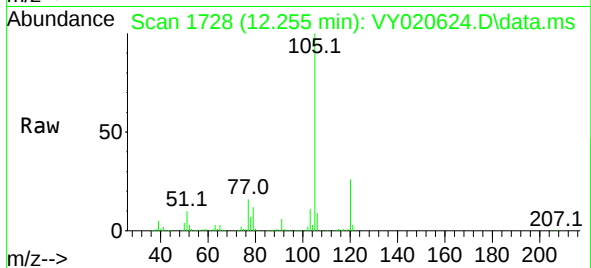
ClientSampleId :

Tgt Ion:105 Resp: 619007

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 56.212 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion: 43 Resp: 142658

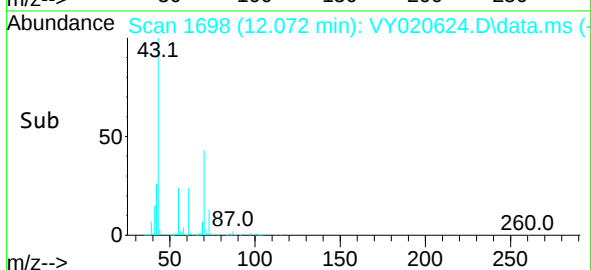
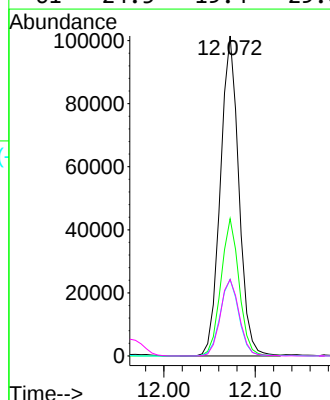
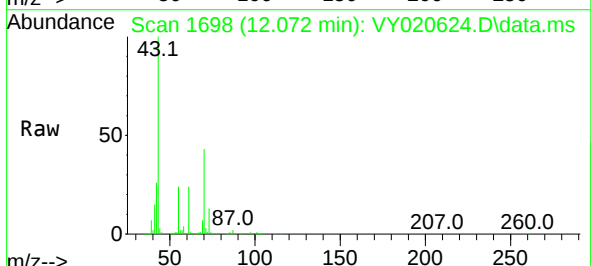
Ion Ratio Lower Upper

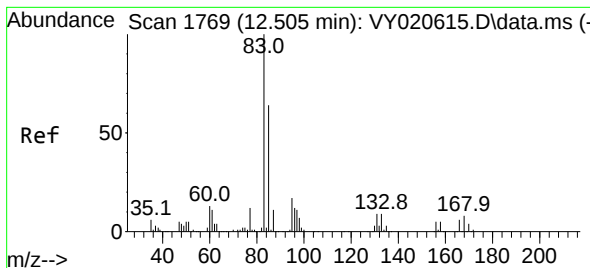
43 100

70 42.4 34.2 51.2

55 24.6 19.6 29.4

61 24.5 19.4 29.0

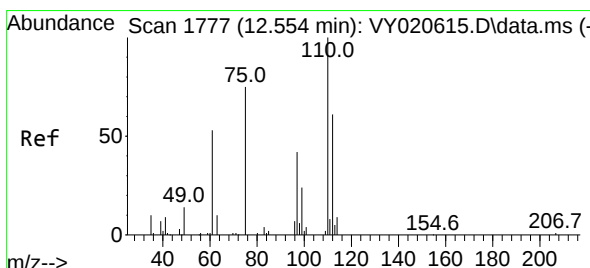
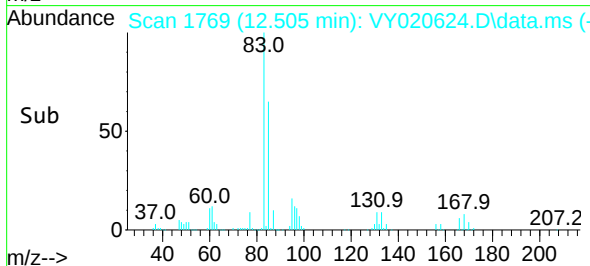
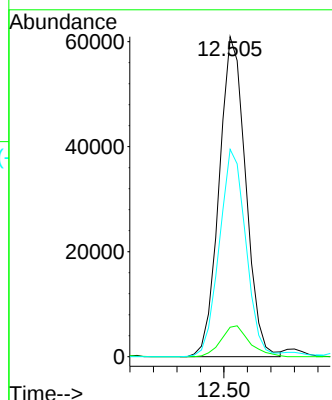
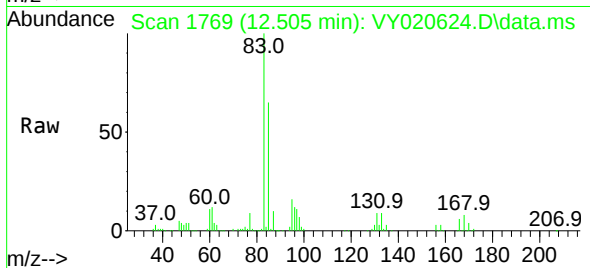




#75
1,1,2,2-Tetrachloroethane
Concen: 54.292 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

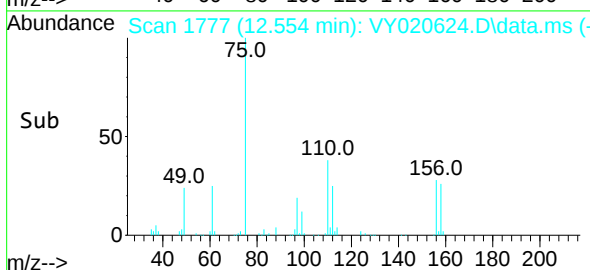
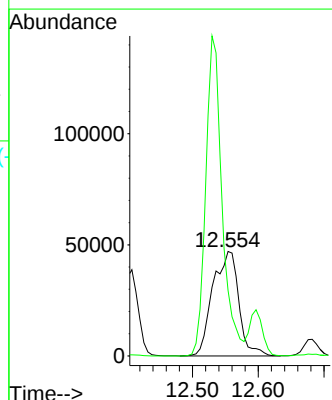
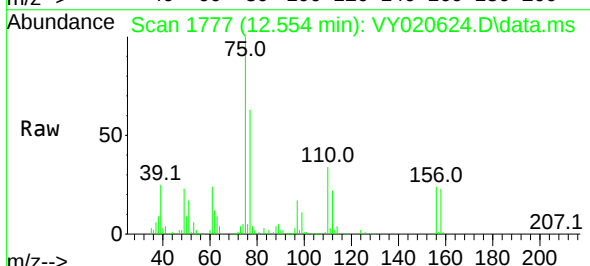
Instrument :
MSVOA_Y
ClientSampleId :

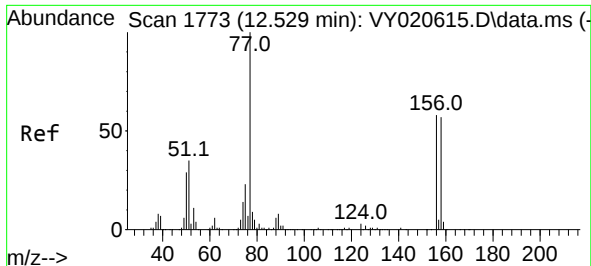
Tgt Ion: 83 Resp: 95566
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 65.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 100.328 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 75 Resp: 129512
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

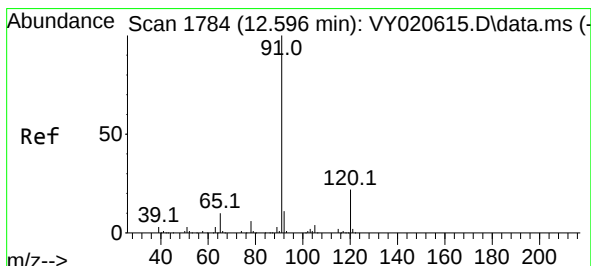
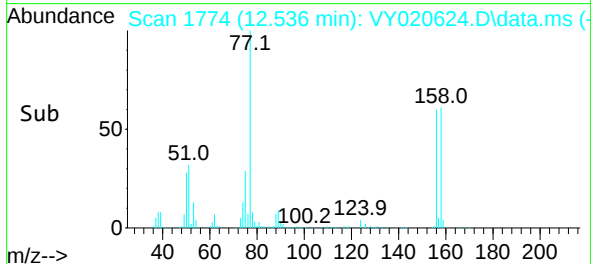
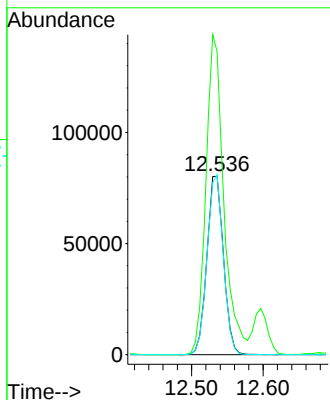
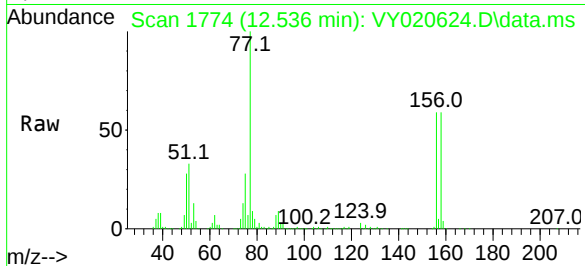




#77
Bromobenzene
Concen: 54.846 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

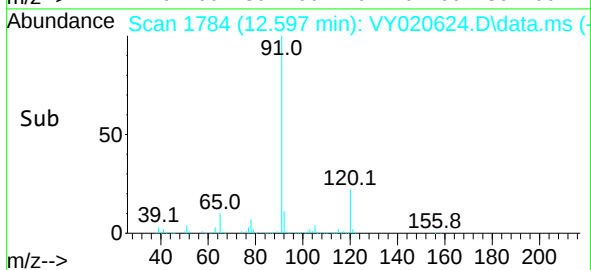
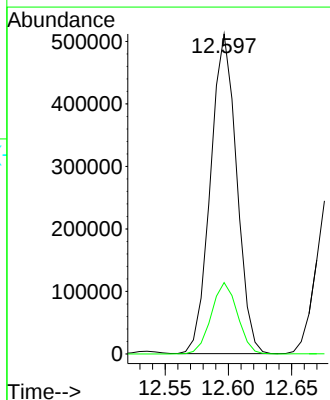
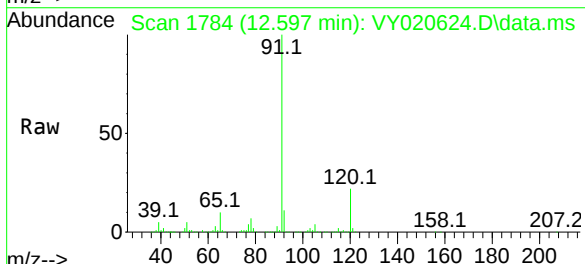
Instrument :
MSVOA_Y
ClientSampleId :

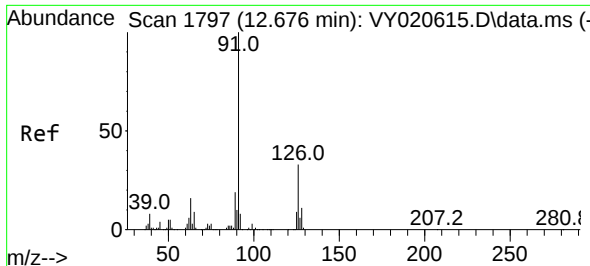
Tgt Ion:156 Resp: 129556
Ion Ratio Lower Upper
156 100
77 193.3 94.2 282.4
158 98.4 48.9 146.6



#78
n-propylbenzene
Concen: 56.363 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 91 Resp: 736385
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





#79

2-Chlorotoluene

Concen: 56.258 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

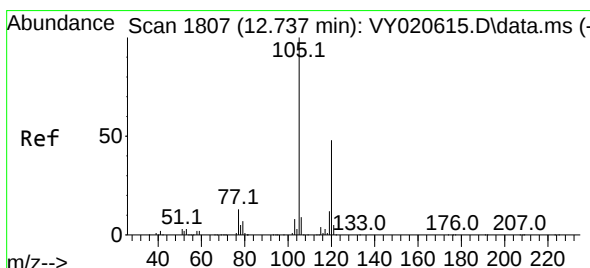
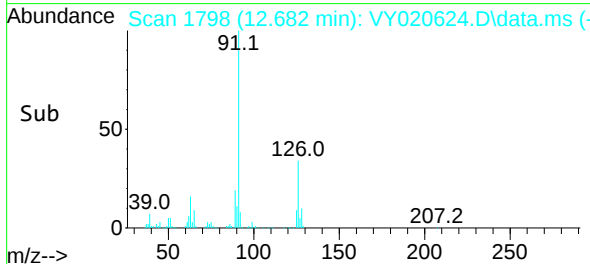
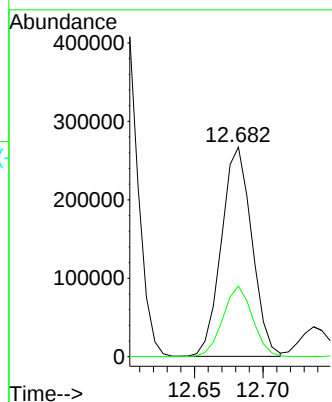
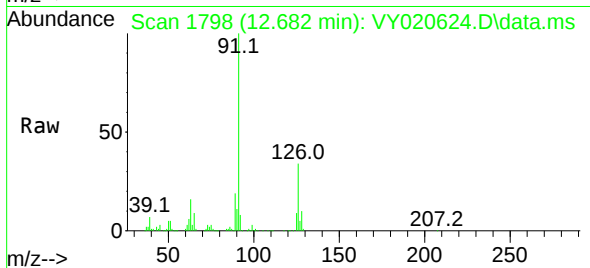
ClientSampleId :

Tgt Ion: 91 Resp: 413534

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 56.365 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020624.D

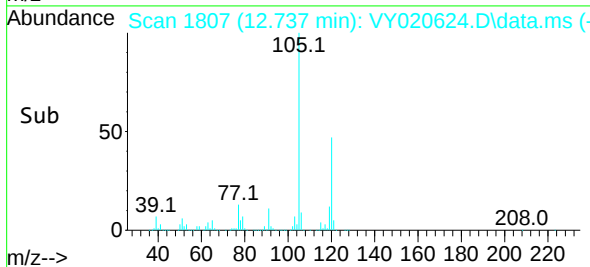
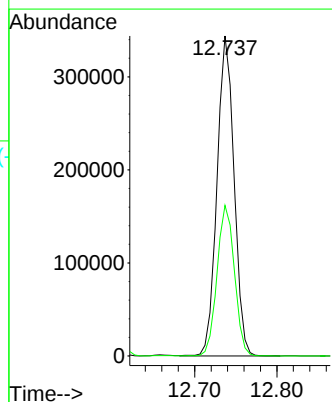
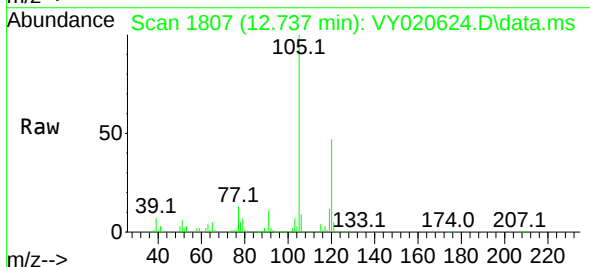
Acq: 18 Dec 2024 10:06

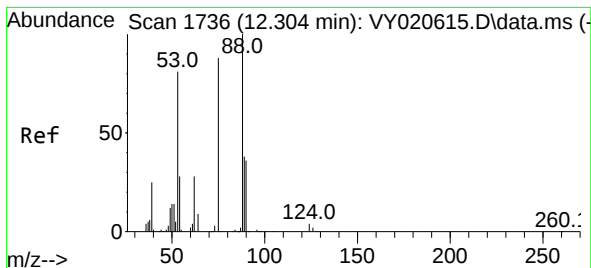
Tgt Ion:105 Resp: 495961

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

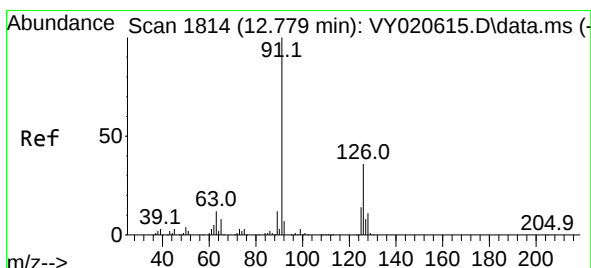
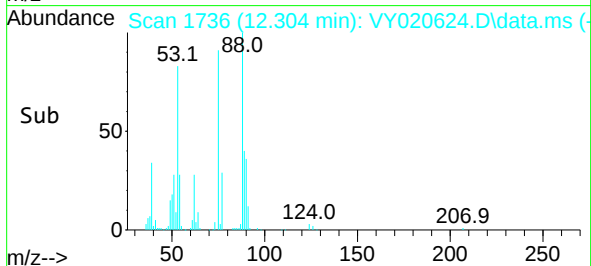
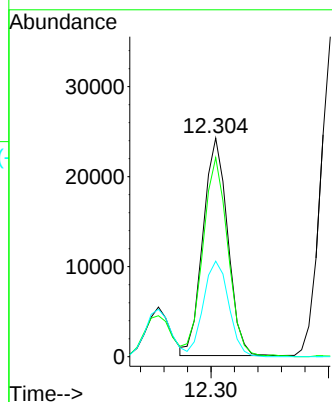
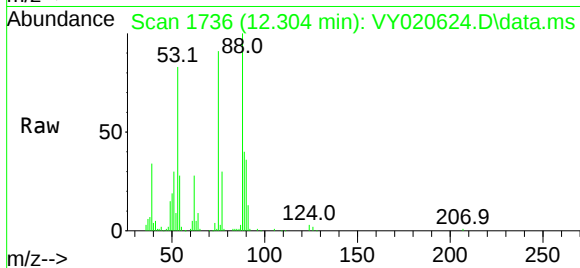




#81
trans-1,4-Dichloro-2-butene
Concen: 57.195 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

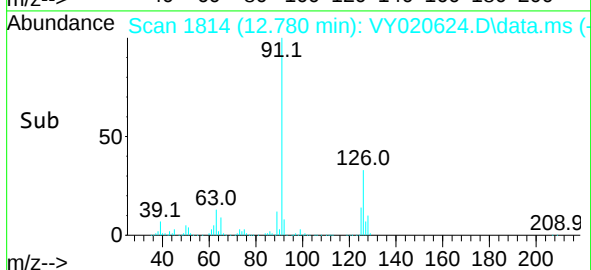
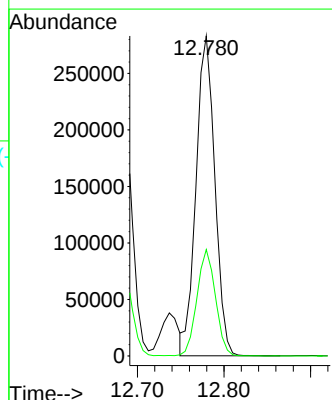
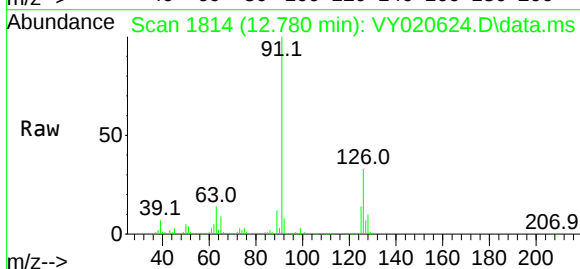
Instrument :
MSVOA_Y
ClientSampleId :

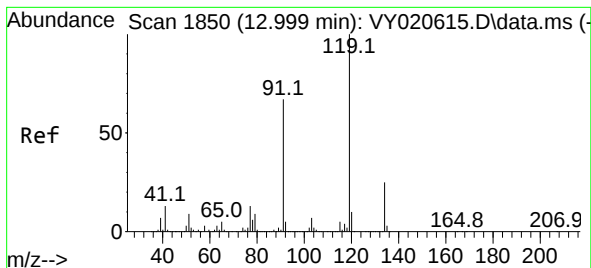
Tgt Ion: 75 Resp: 35174
Ion Ratio Lower Upper
75 100
53 93.5 75.4 113.2
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 55.900 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 91 Resp: 426293
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7





#83

tert-Butylbenzene

Concen: 55.648 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

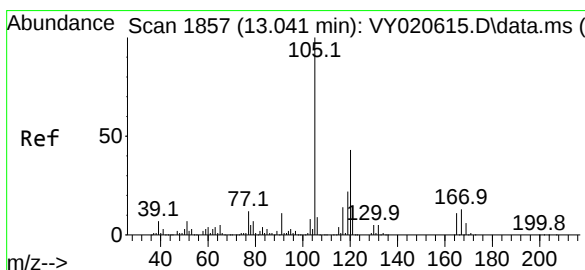
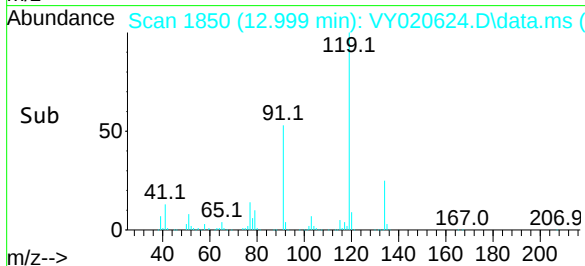
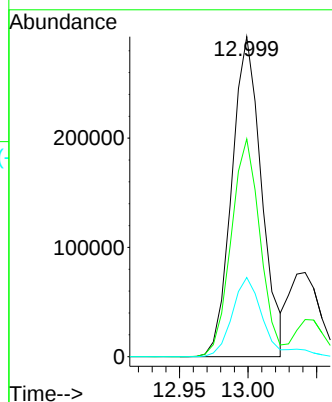
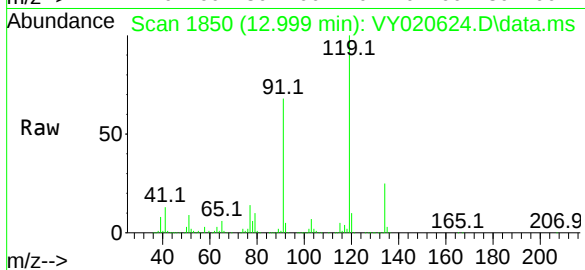
Tgt Ion:119 Resp: 443445

Ion Ratio Lower Upper

119 100

91 66.1 32.9 98.6

134 26.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 56.391 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020624.D

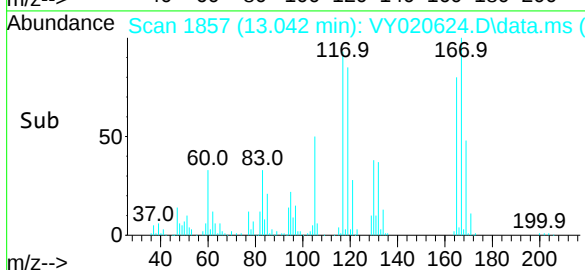
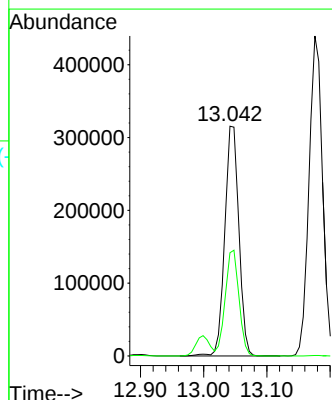
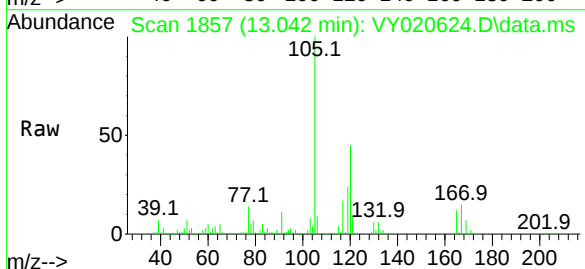
Acq: 18 Dec 2024 10:06

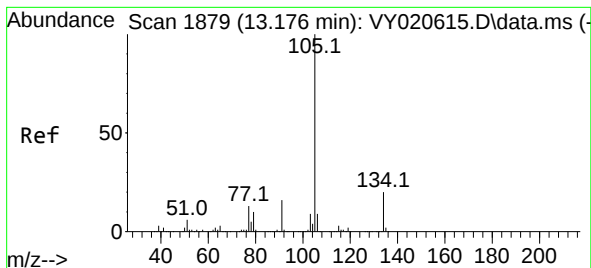
Tgt Ion:105 Resp: 486708

Ion Ratio Lower Upper

105 100

120 44.8 21.8 65.4





#85

sec-Butylbenzene

Concen: 55.795 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

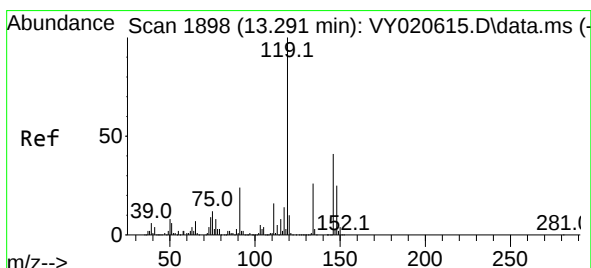
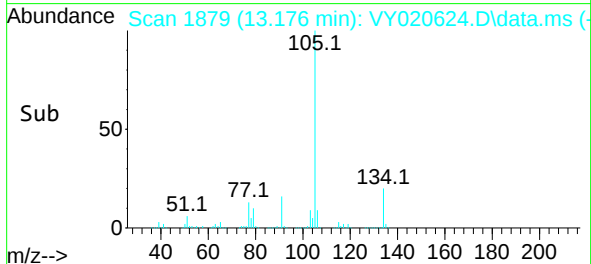
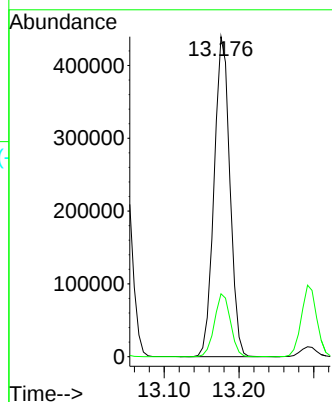
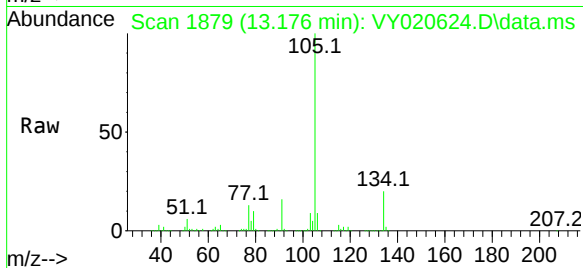
ClientSampleId :

Tgt Ion:105 Resp: 646469

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 56.247 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

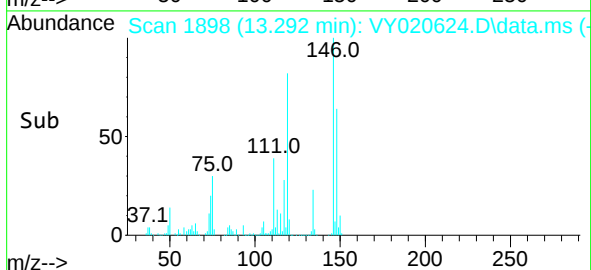
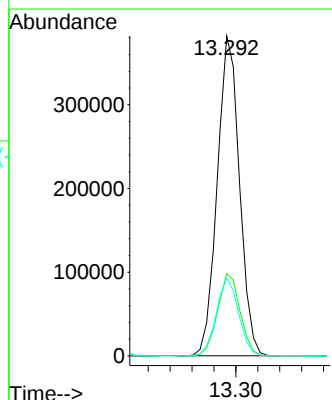
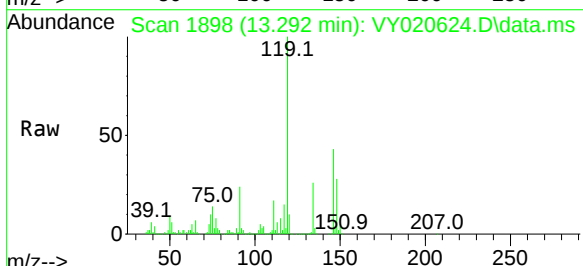
Tgt Ion:119 Resp: 537317

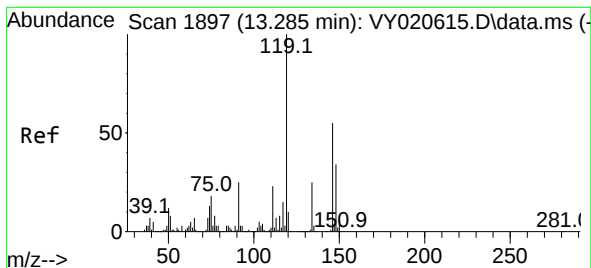
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 54.826 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

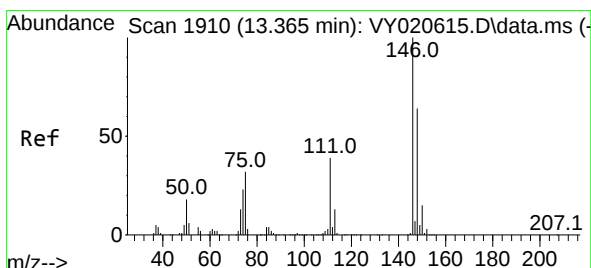
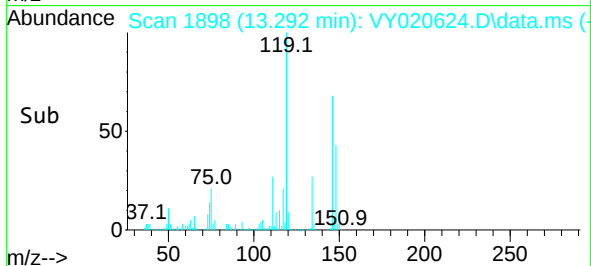
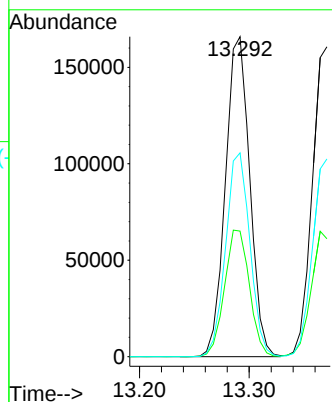
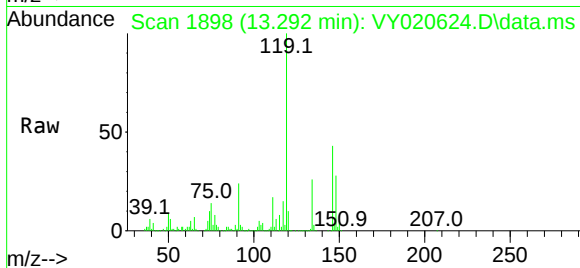
Tgt Ion:146 Resp: 255653

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

148 63.6 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 54.463 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

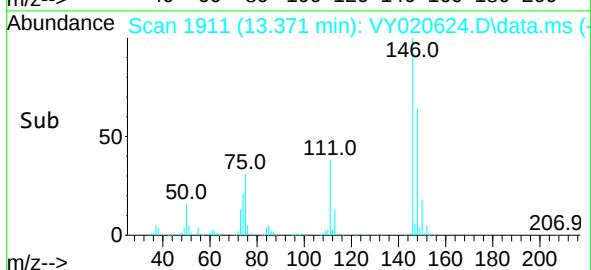
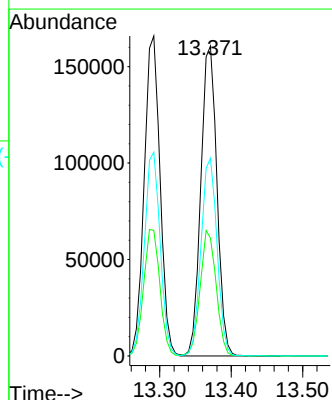
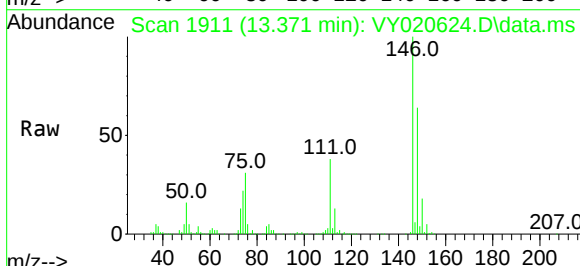
Tgt Ion:146 Resp: 251527

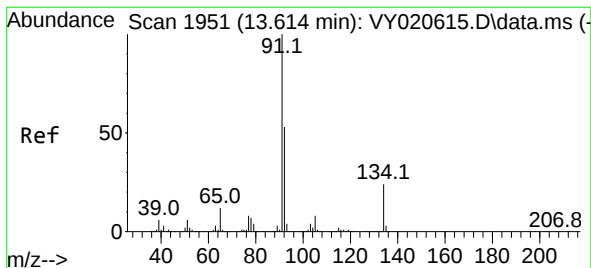
Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.7

148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 56.710 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

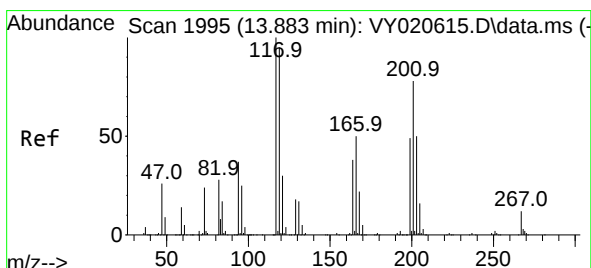
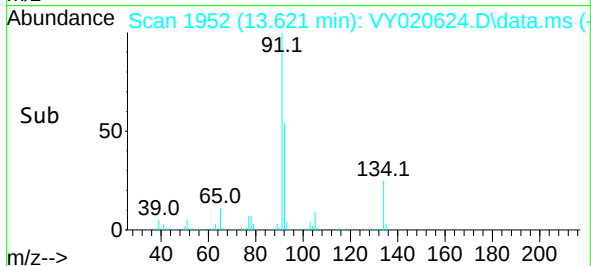
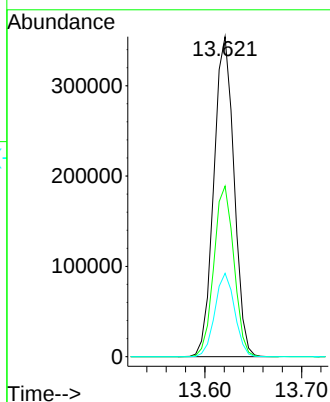
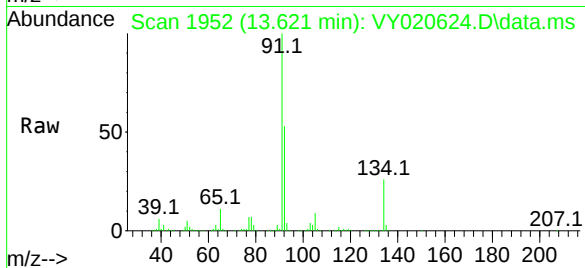
Tgt Ion: 91 Resp: 513421

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 25.5 12.5 37.5



#90

Hexachloroethane

Concen: 55.981 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020624.D

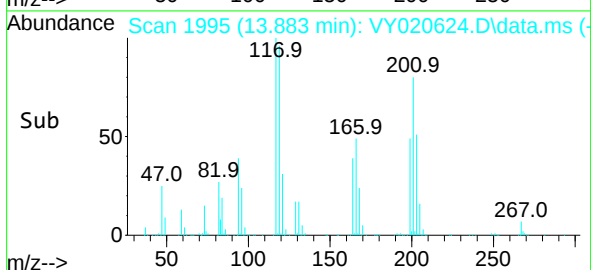
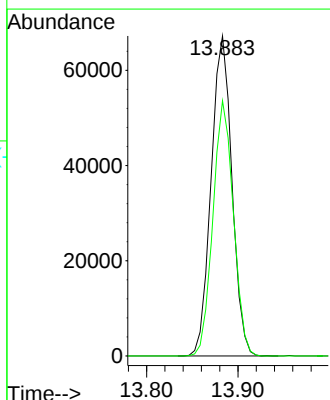
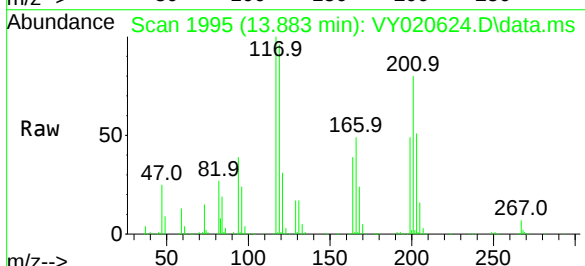
Acq: 18 Dec 2024 10:06

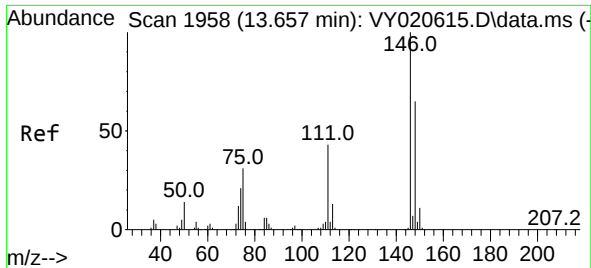
Tgt Ion:117 Resp: 105978

Ion Ratio Lower Upper

117 100

201 78.6 39.1 117.3

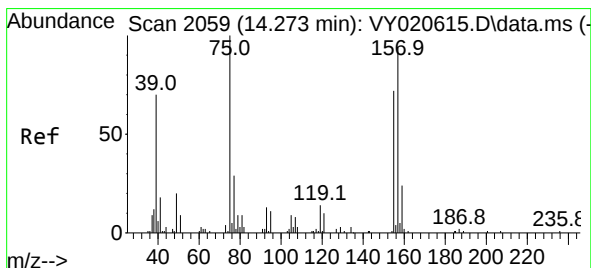
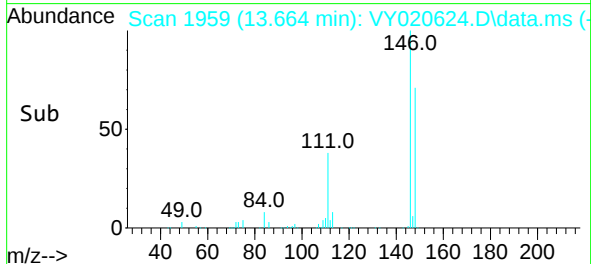
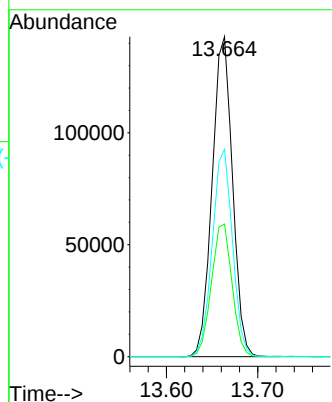
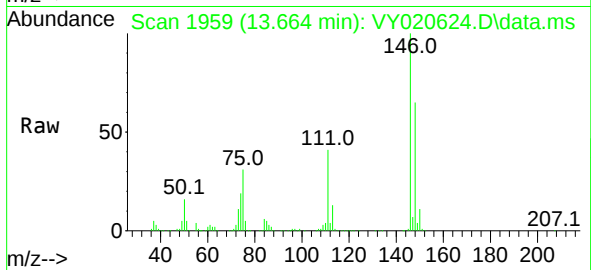




#91
1,2-Dichlorobenzene
Concen: 54.837 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

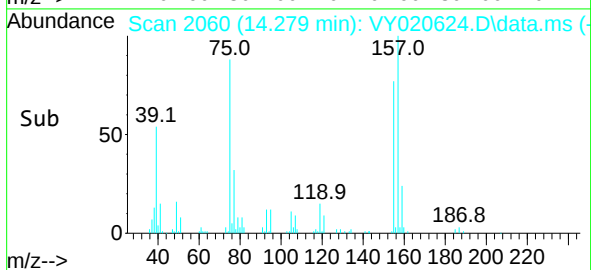
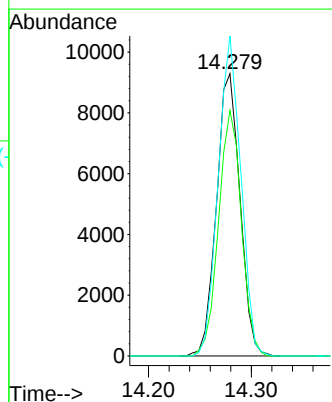
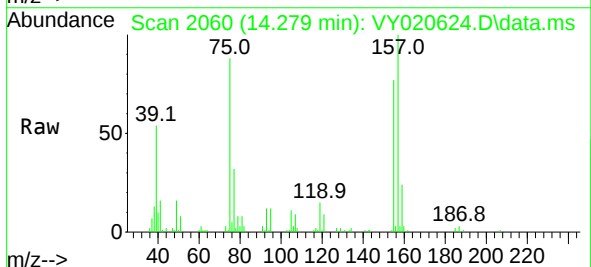
Instrument :
MSVOA_Y
ClientSampleId :

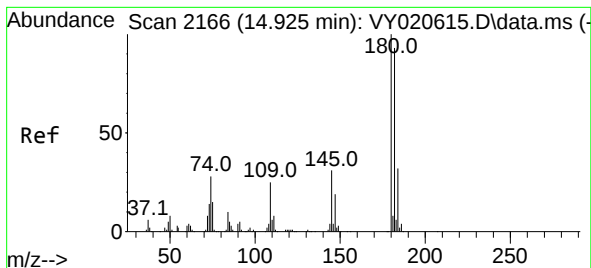
Tgt Ion:146 Resp: 221550
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.7
148 64.5 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.651 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 75 Resp: 14761
Ion Ratio Lower Upper
75 100
155 84.3 41.1 123.3
157 109.1 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 56.949 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

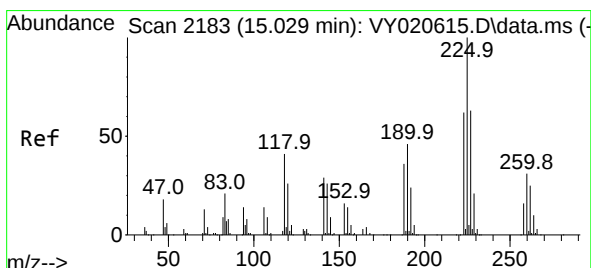
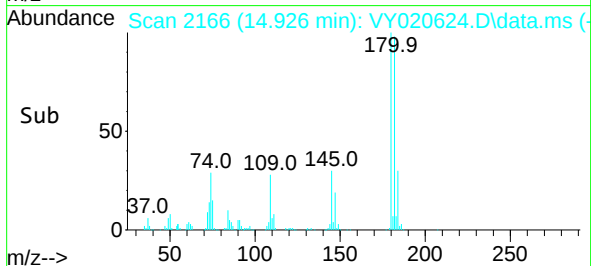
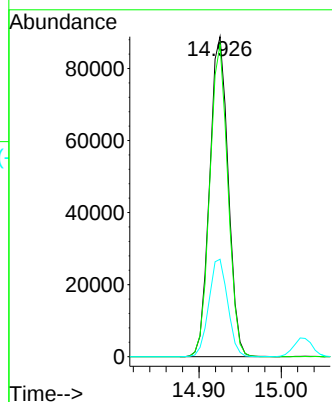
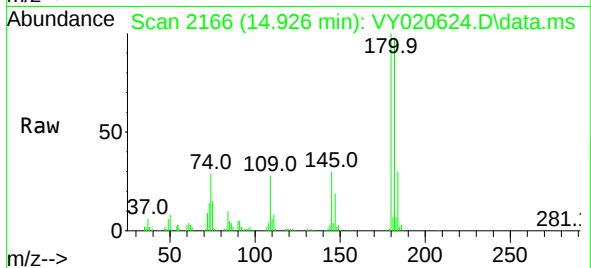
Tgt Ion:180 Resp: 139170

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 30.9 15.6 46.7



#94

Hexachlorobutadiene

Concen: 57.205 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

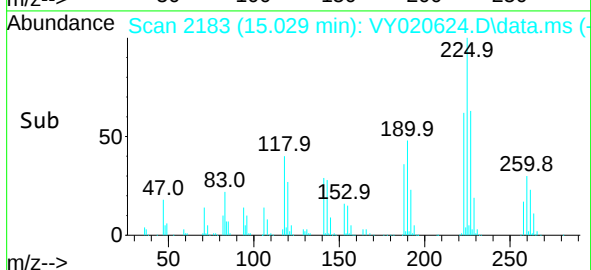
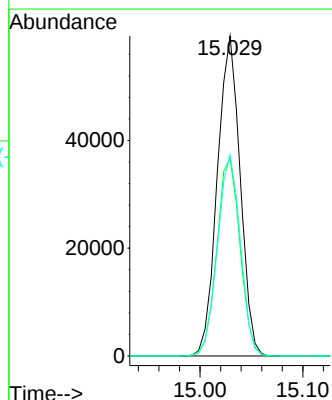
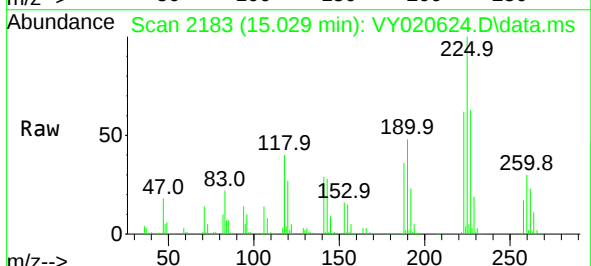
Tgt Ion:225 Resp: 91388

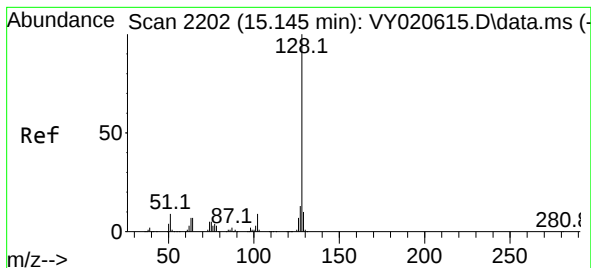
Ion Ratio Lower Upper

225 100

223 62.7 31.8 95.3

227 62.9 32.2 96.6





#95

Naphthalene

Concen: 57.582 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

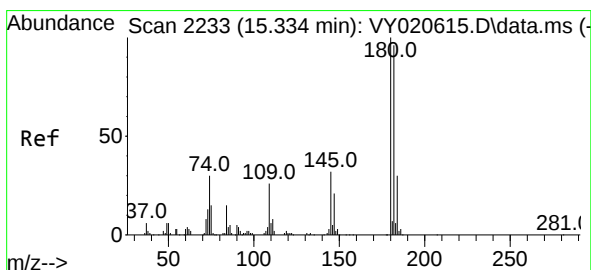
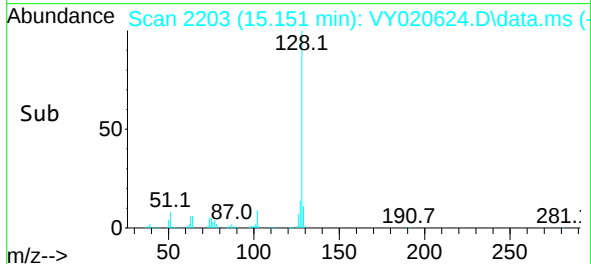
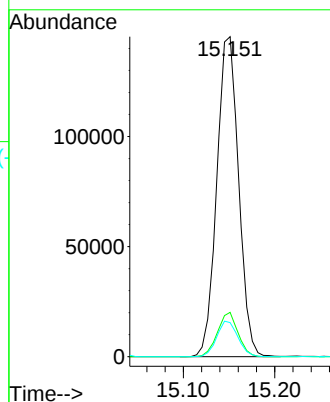
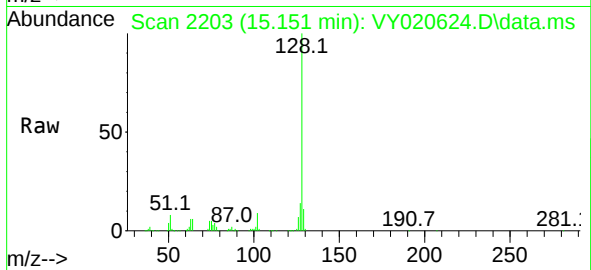
Tgt Ion:128 Resp: 241249

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 57.038 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion:180 Resp: 117769

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 31.9 16.0 48.0

