

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020664.D
 Acq On : 20 Dec 2024 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 20 18:07:52 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	162547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	240673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	212145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	119359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	71807	40.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.680%
35) Dibromofluoromethane	7.640	113	73716	43.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.920%
50) Toluene-d8	10.109	98	259216	43.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.320%
62) 4-Bromofluorobenzene	12.408	95	97623	42.036	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	101237	49.863	ug/l	99
3) Chloromethane	2.074	50	65890	43.800	ug/l	98
4) Vinyl Chloride	2.208	62	60443	43.169	ug/l	100
5) Bromomethane	2.605	94	35571	39.522	ug/l	96
6) Chloroethane	2.739	64	34884	40.318	ug/l	96
7) Trichlorofluoromethane	3.068	101	142498	48.639	ug/l	97
8) Diethyl Ether	3.464	74	46033	44.802	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	110942	52.831	ug/l	99
10) Methyl Iodide	4.013	142	131655	56.311	ug/l	99
11) Tert butyl alcohol	4.860	59	40751	212.136	ug/l	99
12) 1,1-Dichloroethene	3.793	96	104993	51.529	ug/l	97
13) Acrolein	3.659	56	10168	120.792	ug/l	96
14) Allyl chloride	4.391	41	192684	53.969	ug/l	99
15) Acrylonitrile	5.068	53	125271	254.850	ug/l	99
16) Acetone	3.873	43	90623	256.402	ug/l	96
17) Carbon Disulfide	4.116	76	360666	54.380	ug/l	99
18) Methyl Acetate	4.391	43	65339	53.944	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	272592	51.833	ug/l	100
20) Methylene Chloride	4.622	84	113838	51.431	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	120568	52.751	ug/l	99
22) Diisopropyl ether	6.025	45	385510	53.195	ug/l	97
23) Vinyl Acetate	5.964	43	1068233	260.253	ug/l	99
24) 1,1-Dichloroethane	5.927	63	224983	52.991	ug/l	99
25) 2-Butanone	6.896	43	158594	239.715	ug/l	100
26) 2,2-Dichloropropane	6.890	77	201830	50.287	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	137382	52.244	ug/l	99
28) Bromochloromethane	7.250	49	72076	50.330	ug/l	99
29) Tetrahydrofuran	7.268	42	104646	250.559	ug/l	100
30) Chloroform	7.427	83	227859	53.857	ug/l	98
31) Cyclohexane	7.707	56	199490	49.141	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	206129	52.846	ug/l	100
36) 1,1-Dichloropropene	7.841	75	169048	54.656	ug/l	100
37) Ethyl Acetate	6.988	43	73443	50.481	ug/l	99
38) Carbon Tetrachloride	7.823	117	190940	55.798	ug/l	99
39) Methylcyclohexane	9.116	83	216273	53.650	ug/l	97
40) Benzene	8.085	78	496803	54.799	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	39064	50.789	ug/l	93
42) 1,2-Dichloroethane	8.165	62	129790	53.978	ug/l	99
43) Isopropyl Acetate	8.201	43	146927	53.344	ug/l #	89
44) Trichloroethene	8.866	130	120106	53.915	ug/l	98
45) 1,2-Dichloropropane	9.146	63	114657	54.113	ug/l	100
46) Dibromomethane	9.231	93	60564	54.086	ug/l	99
47) Bromodichloromethane	9.427	83	165285	54.644	ug/l	99
48) Methyl methacrylate	9.225	41	69098	52.772	ug/l	99
49) 1,4-Dioxane	9.231	88	12610	981.949	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	372513	256.228	ug/l	100
52) Toluene	10.176	92	310772	55.159	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	153061	54.306	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	185052	55.407	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	80376	54.290	ug/l	97
56) Ethyl methacrylate	10.439	69	116828	54.394	ug/l	97
57) 1,3-Dichloropropane	10.719	76	143193	54.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	242438	268.265	ug/l	99
59) 2-Hexanone	10.762	43	246134	263.689	ug/l	100
60) Dibromochloromethane	10.914	129	109346	55.226	ug/l	99
61) 1,2-Dibromoethane	11.018	107	73670	53.496	ug/l	98
64) Tetrachloroethene	10.652	164	107671	53.958	ug/l	97
65) Chlorobenzene	11.444	112	323124	54.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	114100	56.252	ug/l	98
67) Ethyl Benzene	11.524	91	607565	55.519	ug/l	97
68) m/p-Xylenes	11.633	106	444911	109.344	ug/l	99
69) o-Xylene	11.957	106	208015	54.792	ug/l	97
70) Styrene	11.975	104	349665	55.127	ug/l	99
71) Bromoform	12.133	173	63758	55.908	ug/l #	98
73) Isopropylbenzene	12.255	105	571028	54.823	ug/l	99
74) N-amyl acetate	12.072	43	126874	52.048	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	90544	53.553	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	121614	98.083	ug/l #	100
77) Bromobenzene	12.536	156	121520	53.559	ug/l	99
78) n-propylbenzene	12.597	91	691545	55.107	ug/l	100
79) 2-Chlorotoluene	12.682	91	382585	54.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	460381	54.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32476	54.979	ug/l	99
82) 4-Chlorotoluene	12.780	91	394546	53.864	ug/l	100
83) tert-Butylbenzene	12.999	119	425908	55.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	454208	54.789	ug/l	99
85) sec-Butylbenzene	13.182	105	615306	55.289	ug/l	99
86) p-Isopropyltoluene	13.298	119	507405	55.299	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	240167	53.623	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	233518	52.643	ug/l	99
89) n-Butylbenzene	13.621	91	482377	55.471	ug/l	99
90) Hexachloroethane	13.883	117	99835	54.904	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	205065	52.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13979	50.926	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	121126	51.603	ug/l	100
94) Hexachlorobutadiene	15.029	225	83298	54.285	ug/l	99
95) Naphthalene	15.151	128	204937	50.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	100879	50.866	ug/l	99

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QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

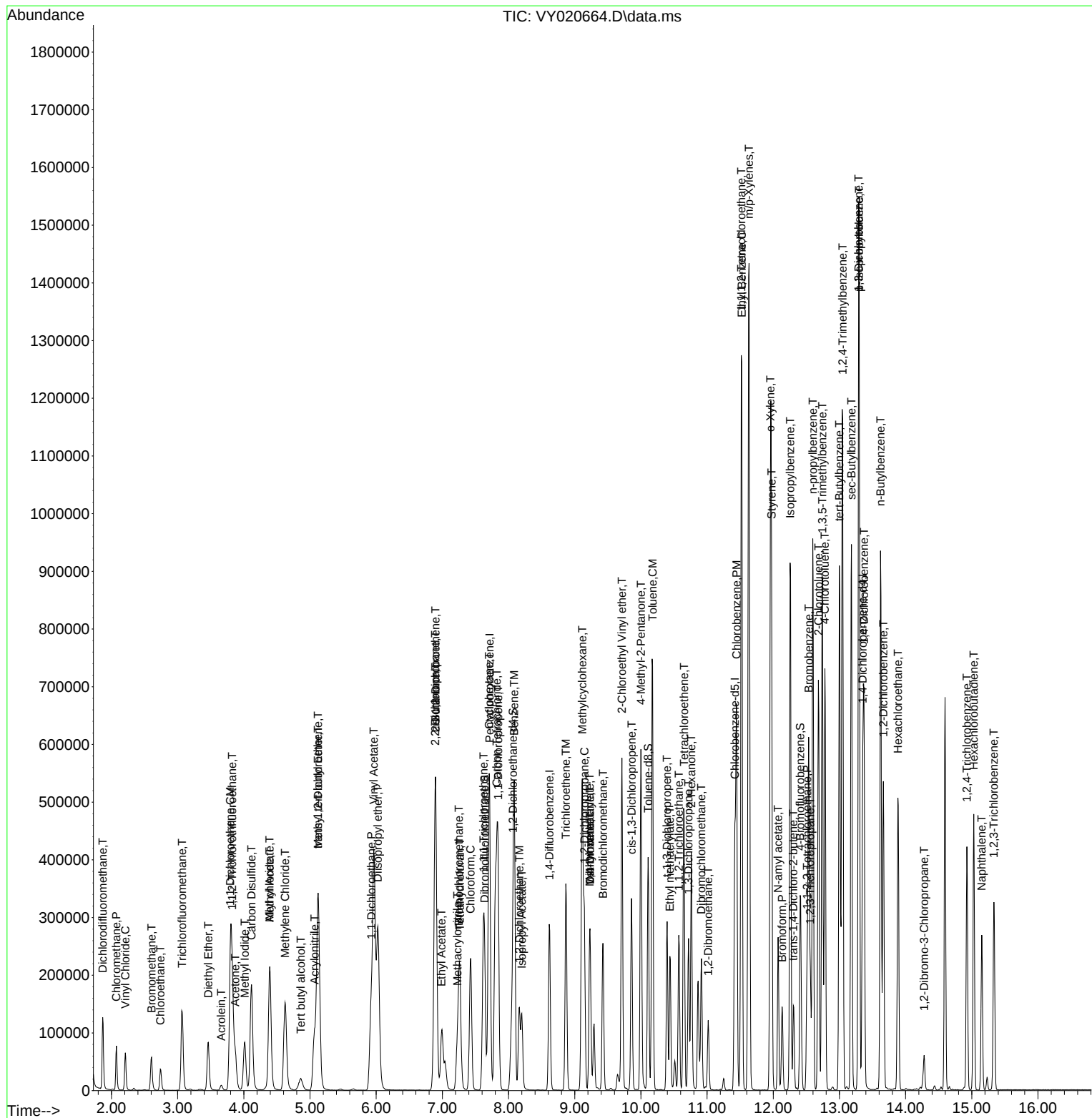
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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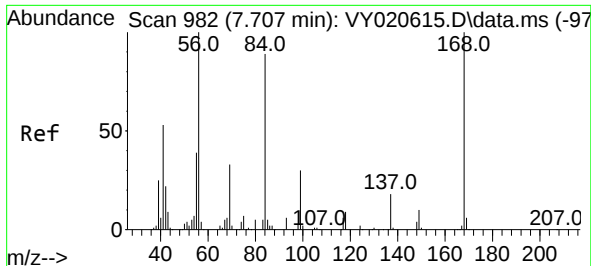
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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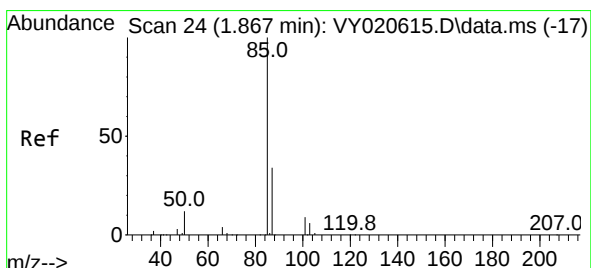
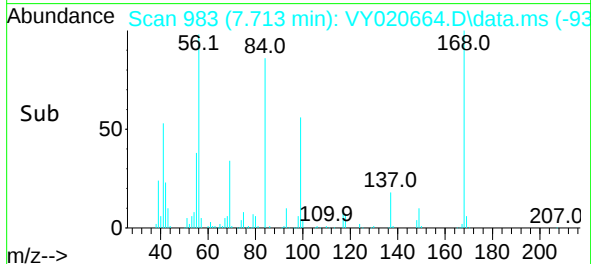
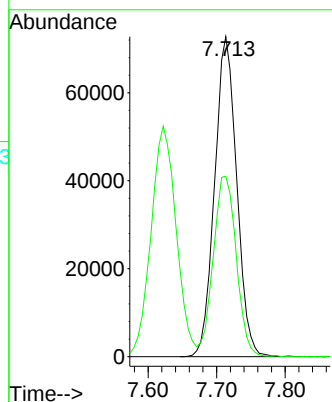
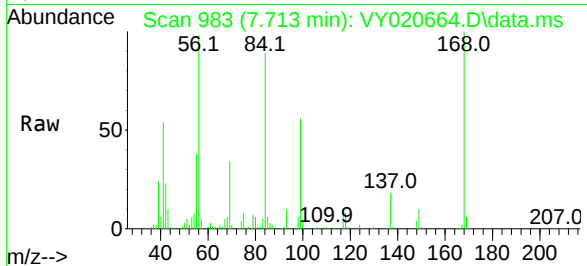




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020664.D
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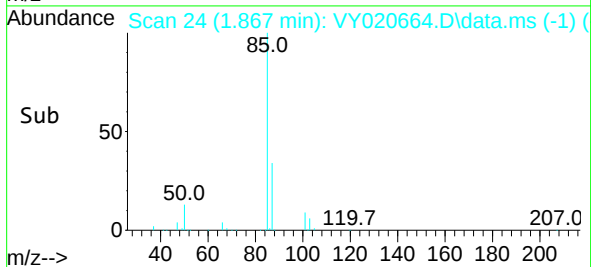
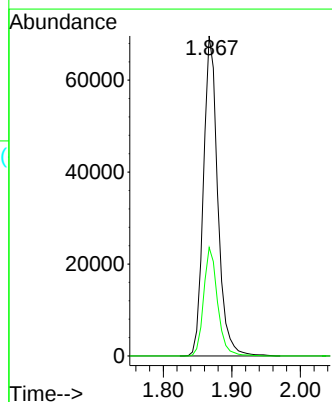
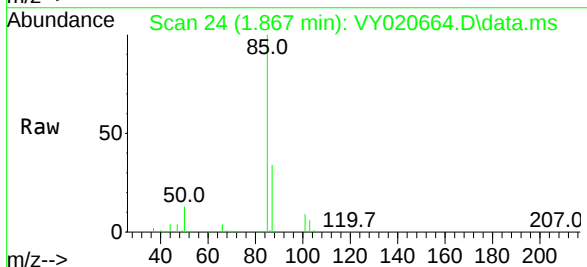
Instrument :
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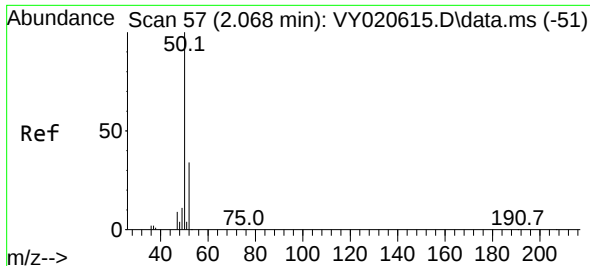
Tgt Ion:168 Resp: 162547
Ion Ratio Lower Upper
168 100
99 56.3 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 49.863 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 85 Resp: 101237
Ion Ratio Lower Upper
85 100
87 33.9 16.8 50.3

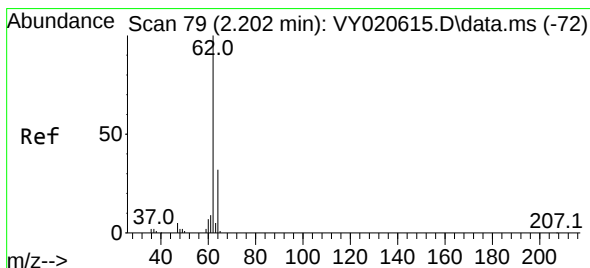
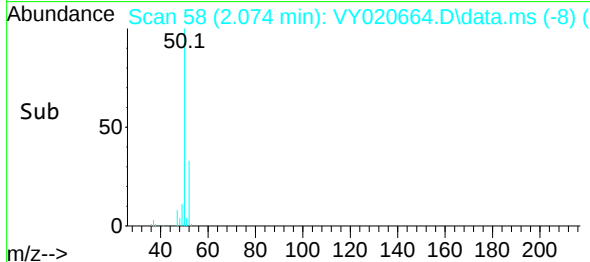
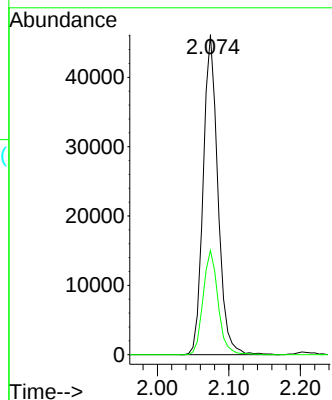
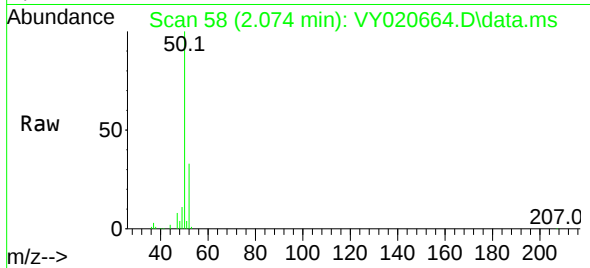




#3
Chloromethane
Concen: 43.800 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

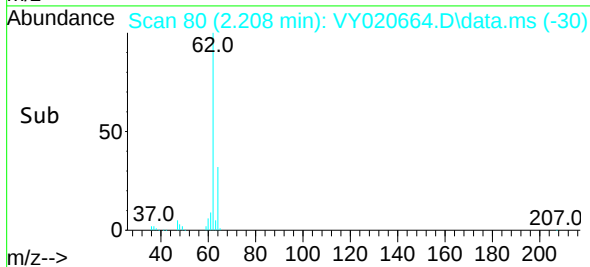
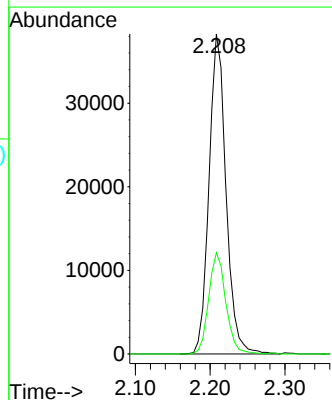
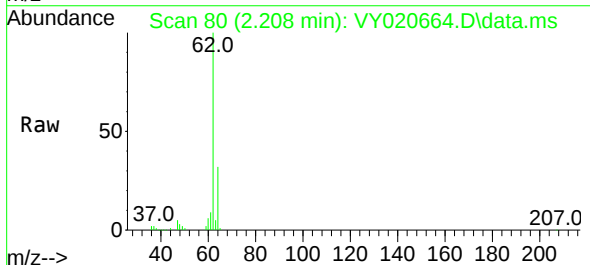
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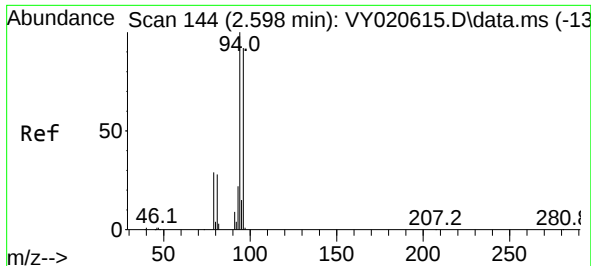
Tgt Ion: 50 Resp: 65890
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2



#4
Vinyl Chloride
Concen: 43.169 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 62 Resp: 60443
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

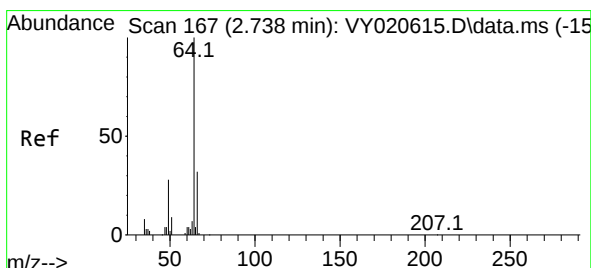
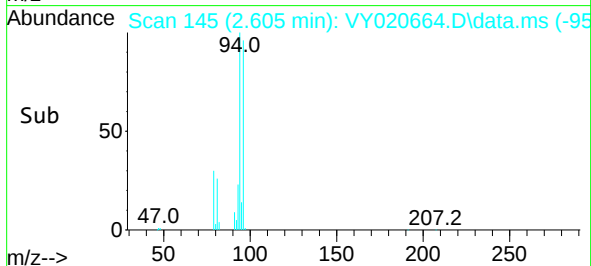
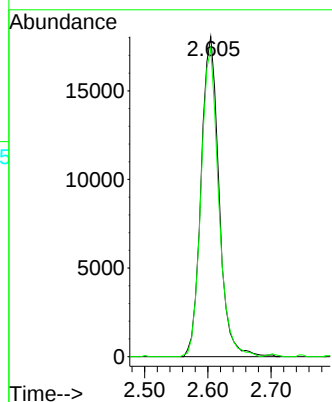
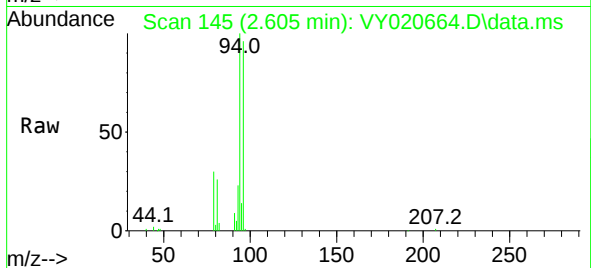




#5
Bromomethane
Concen: 39.522 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020664.D
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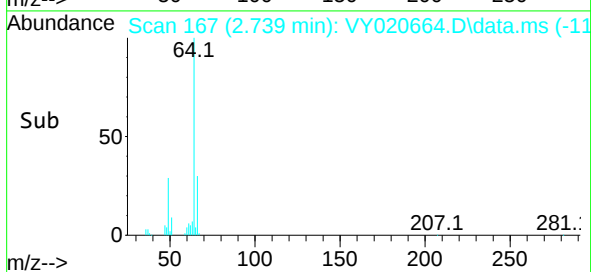
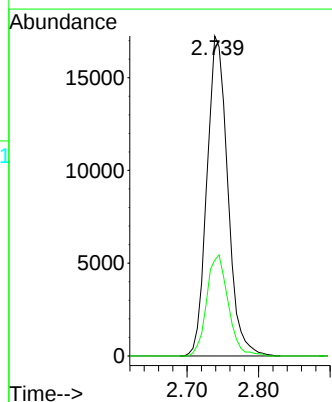
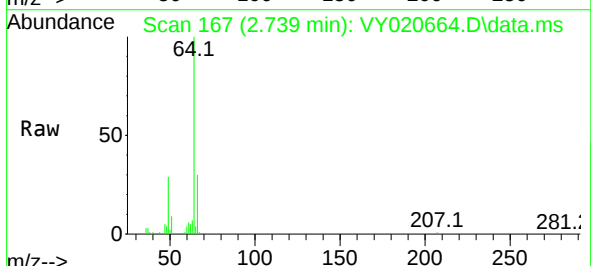
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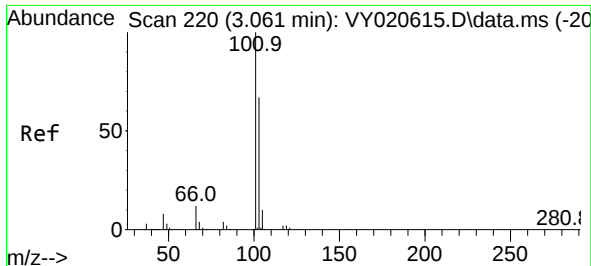
Tgt Ion: 94 Resp: 35571
Ion Ratio Lower Upper
94 100
96 96.4 73.8 110.6



#6
Chloroethane
Concen: 40.318 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 64 Resp: 34884
Ion Ratio Lower Upper
64 100
66 30.0 25.8 38.6

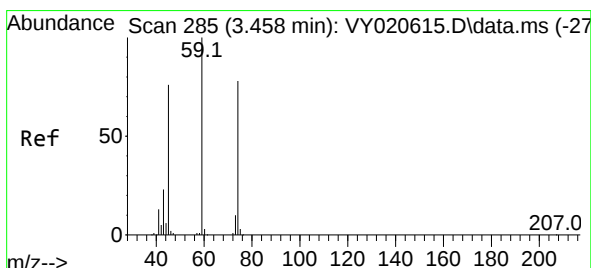
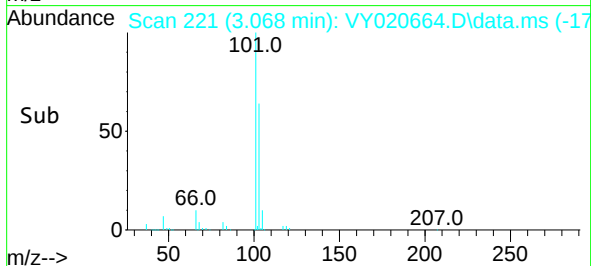
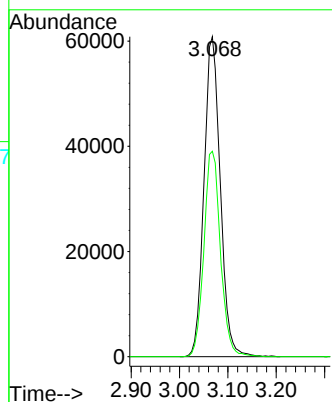
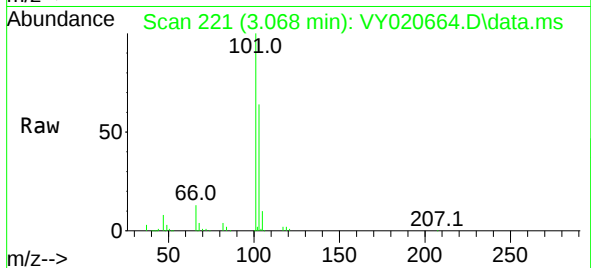




#7
Trichlorofluoromethane
Concen: 48.639 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

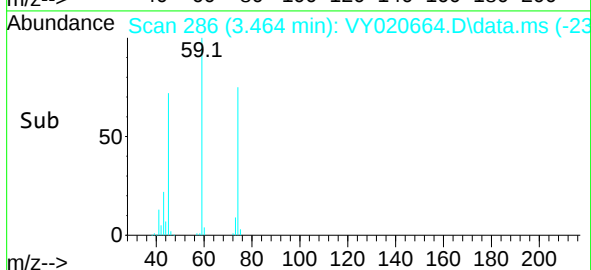
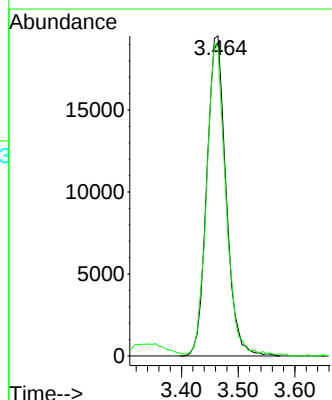
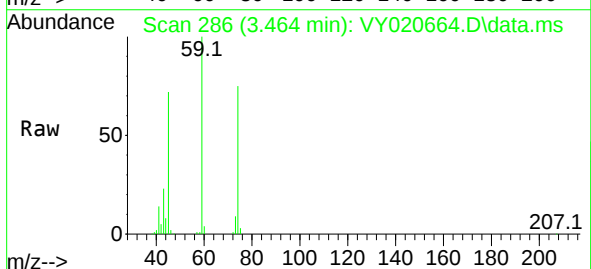
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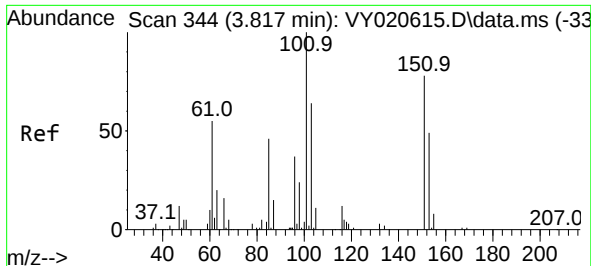
Tgt Ion:101 Resp: 142498
Ion Ratio Lower Upper
101 100
103 64.2 53.4 80.0



#8
Diethyl Ether
Concen: 44.802 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 74 Resp: 46033
Ion Ratio Lower Upper
74 100
45 98.1 49.0 147.2

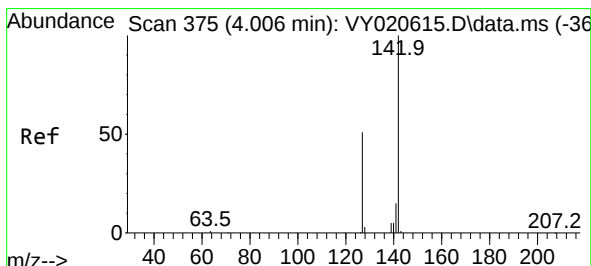
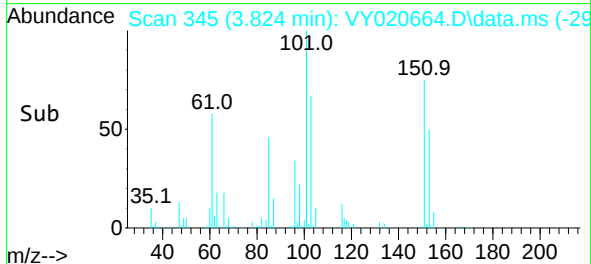
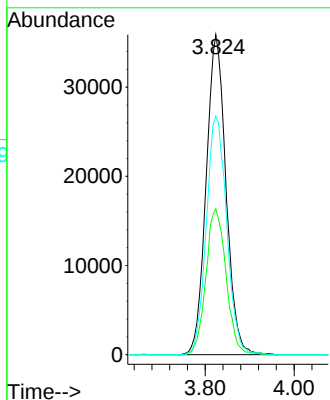
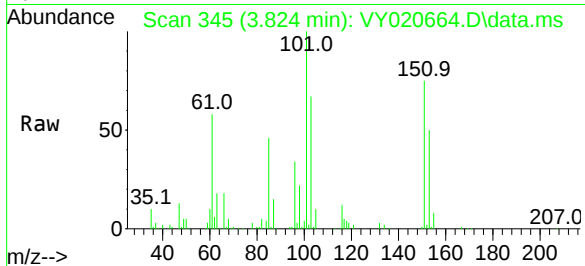




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.831 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

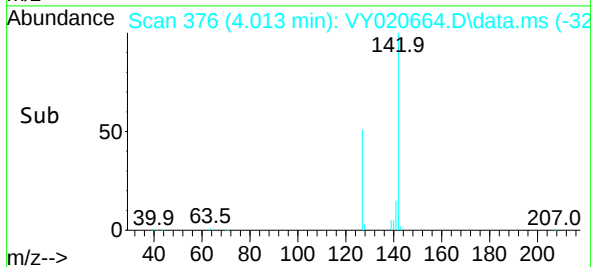
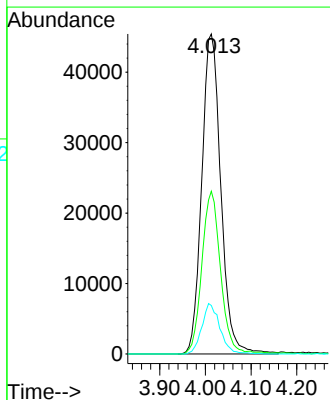
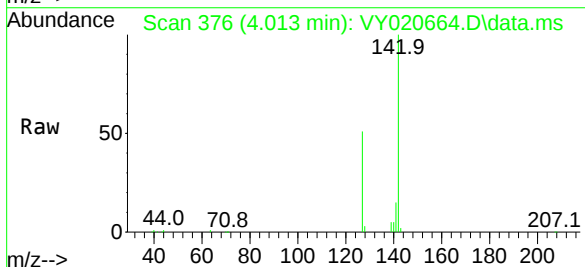
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

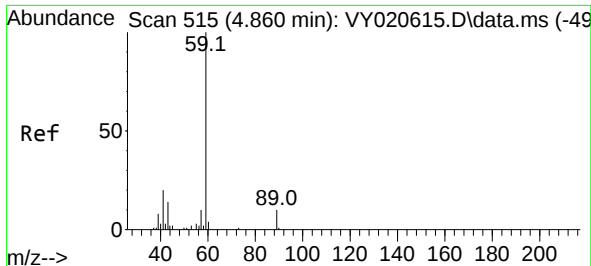
Tgt Ion:101 Resp: 110942
Ion Ratio Lower Upper
101 100
85 46.5 36.6 54.8
151 77.1 61.5 92.3



#10
Methyl Iodide
Concen: 56.311 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion:142 Resp: 131655
Ion Ratio Lower Upper
142 100
127 49.9 40.6 61.0
141 15.0 11.7 17.5

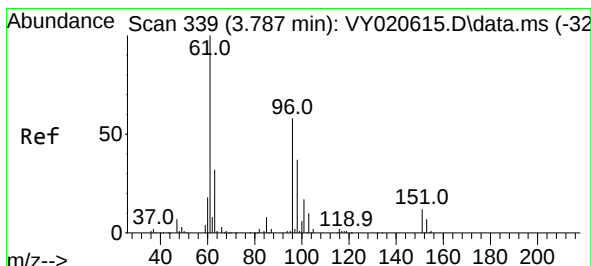
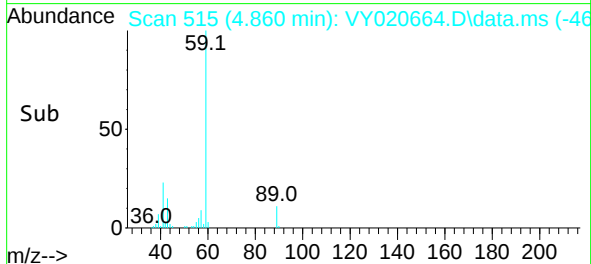
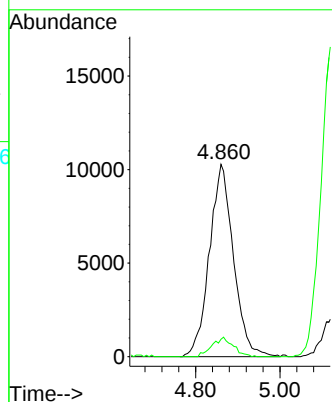
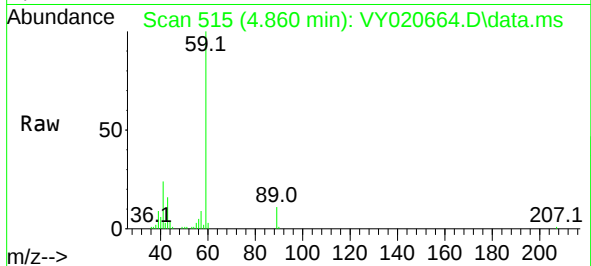




#11
Tert butyl alcohol
Concen: 212.136 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

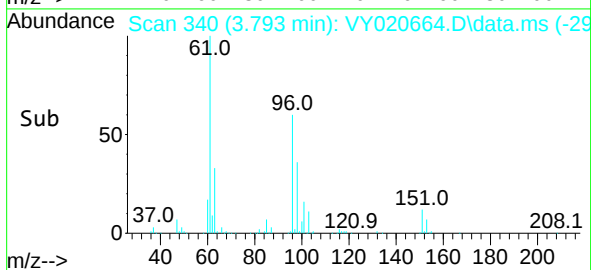
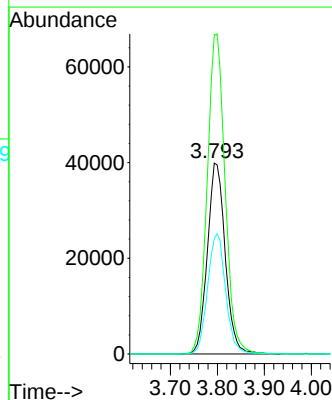
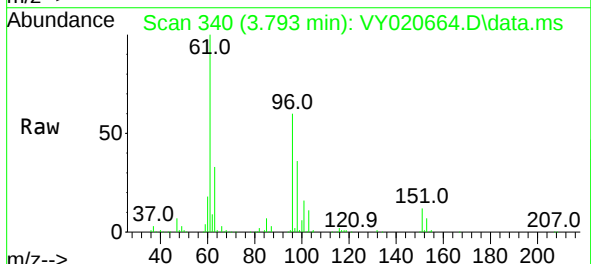
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

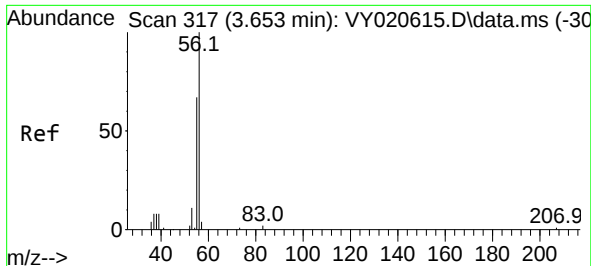
Tgt Ion: 59 Resp: 40751
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.529 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 96 Resp: 104993
Ion Ratio Lower Upper
96 100
61 167.1 136.9 205.3
98 60.4 50.2 75.4





#13

Acrolein

Concen: 120.792 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

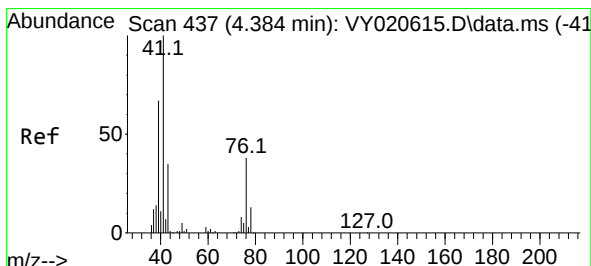
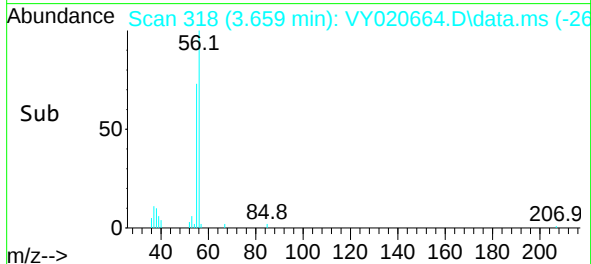
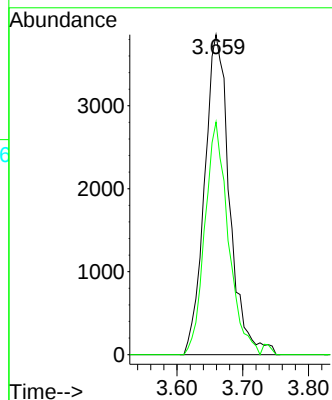
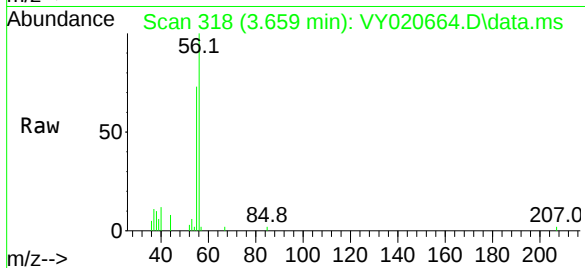
VSTDCCC050

Tgt Ion: 56 Resp: 10168

Ion Ratio Lower Upper

56 100

55 68.3 57.5 86.3



#14

Allyl chloride

Concen: 53.969 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

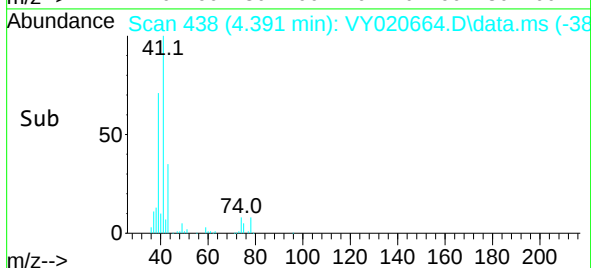
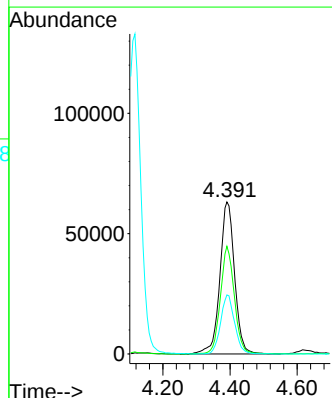
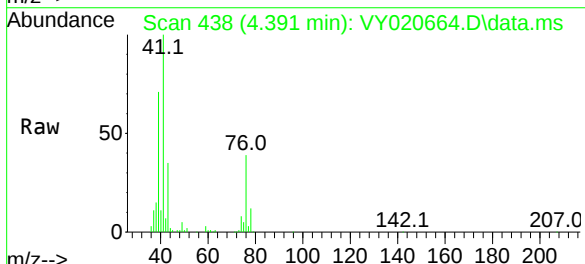
Tgt Ion: 41 Resp: 192684

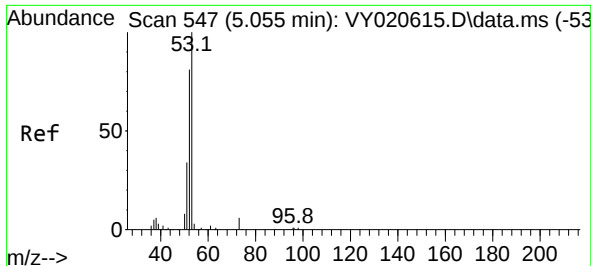
Ion Ratio Lower Upper

41 100

39 67.0 53.0 79.4

76 36.8 29.5 44.3

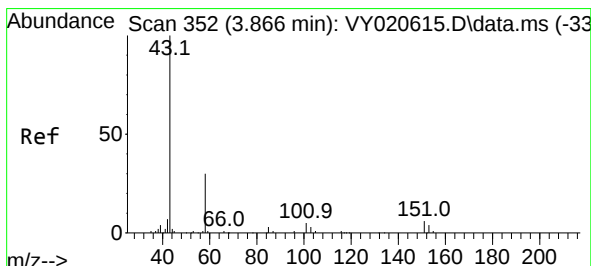
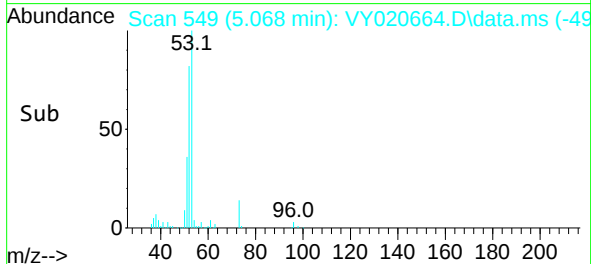
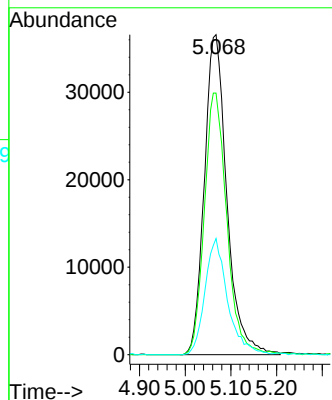
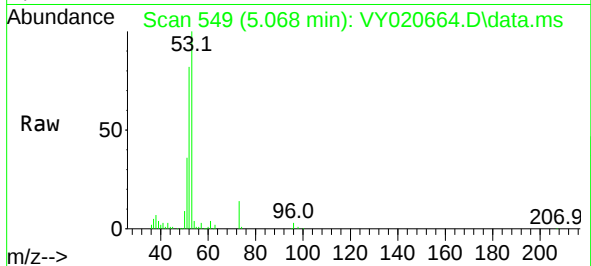




#15
Acrylonitrile
Concen: 254.850 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

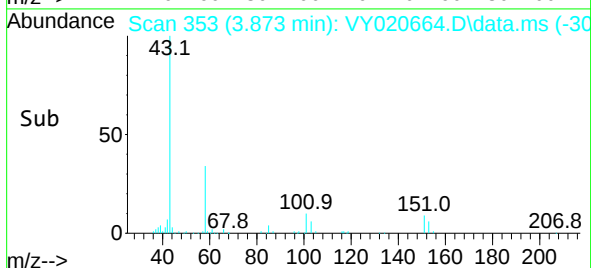
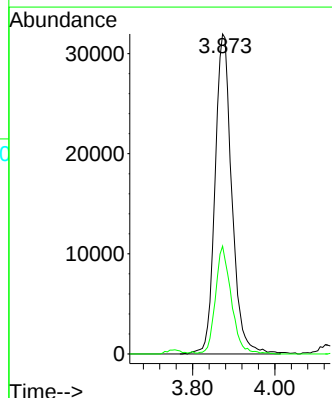
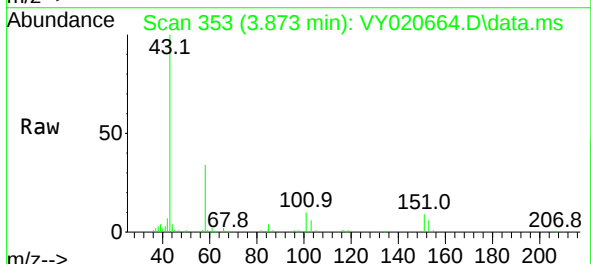
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

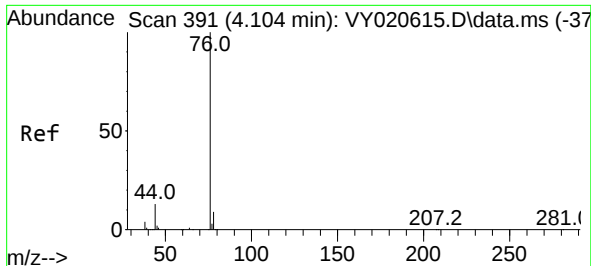
Tgt Ion: 53 Resp: 125271
Ion Ratio Lower Upper
53 100
52 81.2 64.5 96.7
51 36.5 29.4 44.0



#16
Acetone
Concen: 256.402 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 43 Resp: 90623
Ion Ratio Lower Upper
43 100
58 33.7 25.0 37.6

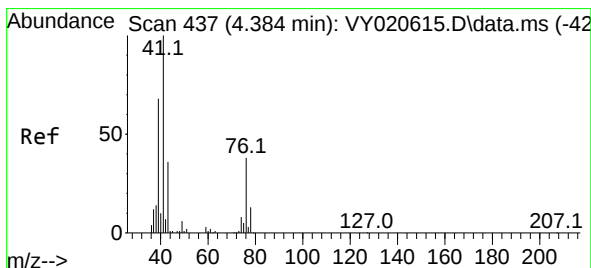
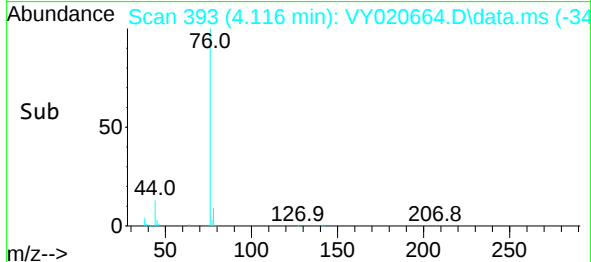
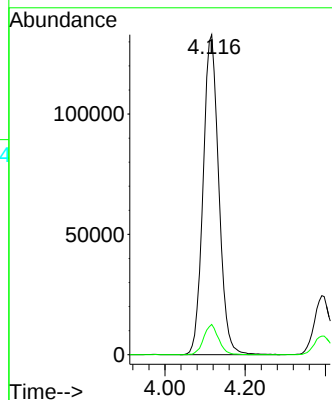
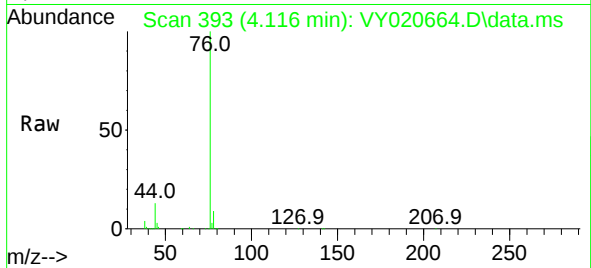




#17
Carbon Disulfide
Concen: 54.380 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.013 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

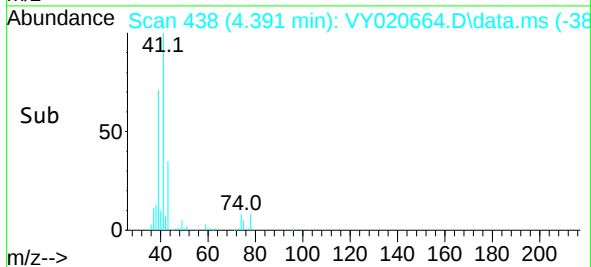
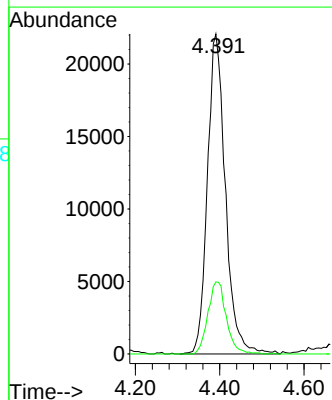
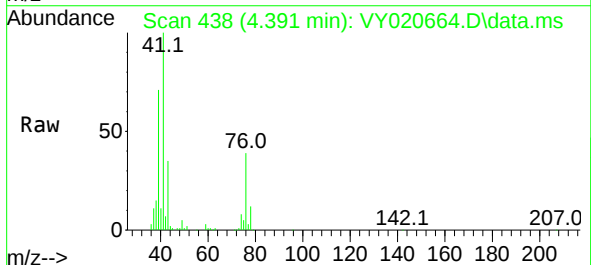
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

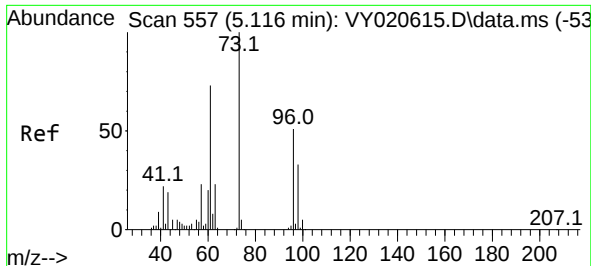
Tgt Ion: 76 Resp: 360666
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 53.944 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 43 Resp: 65339
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 51.833 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

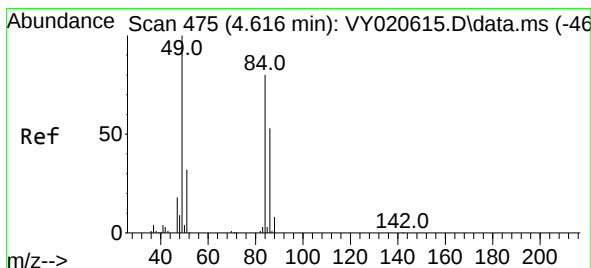
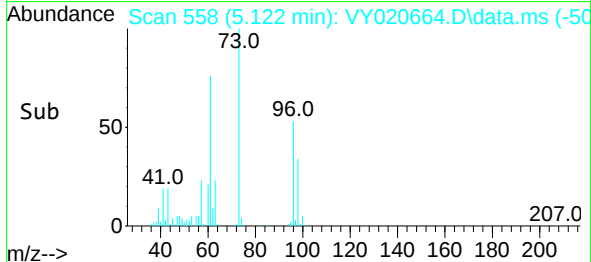
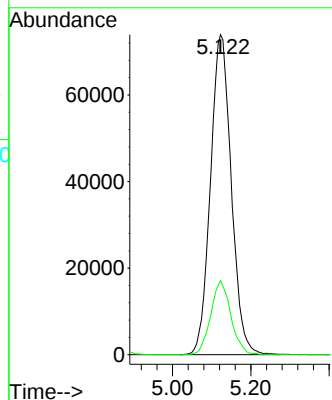
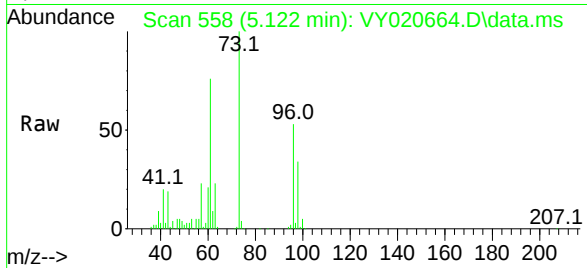
VSTDCCC050

Tgt Ion: 73 Resp: 272592

Ion Ratio Lower Upper

73 100

57 23.1 18.5 27.7



#20

Methylene Chloride

Concen: 51.431 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Tgt Ion: 84 Resp: 113838

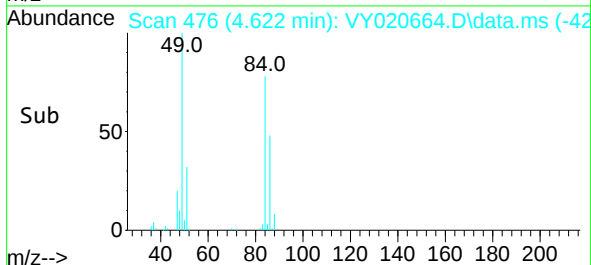
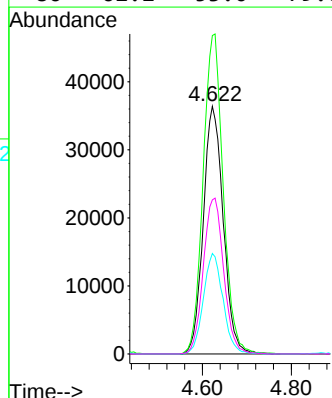
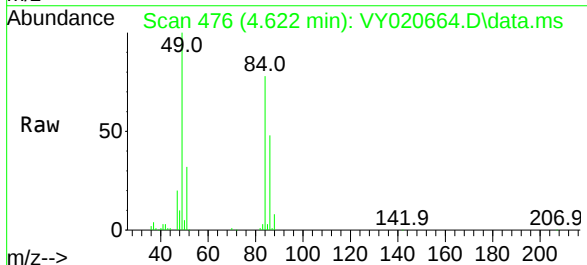
Ion Ratio Lower Upper

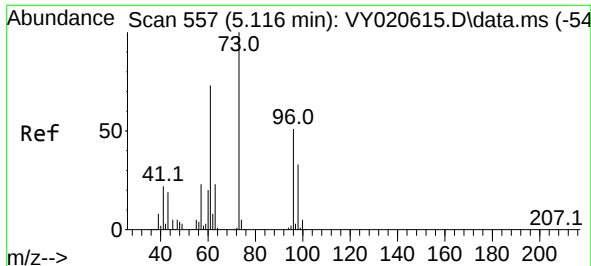
84 100

49 128.6 100.7 151.1

51 40.6 32.2 48.2

86 62.2 53.0 79.6

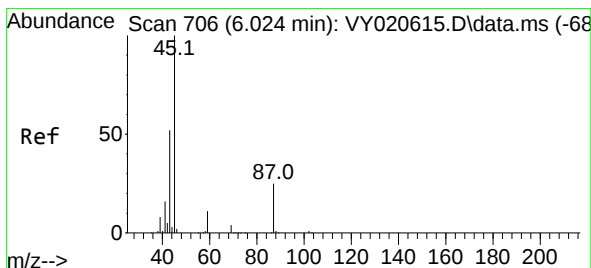
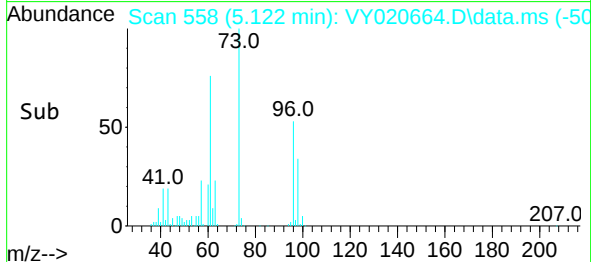
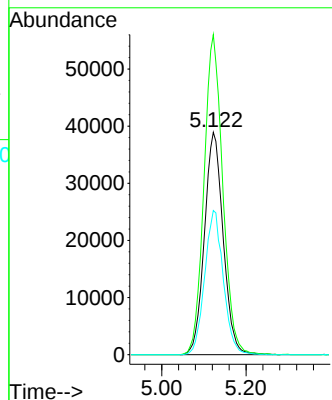
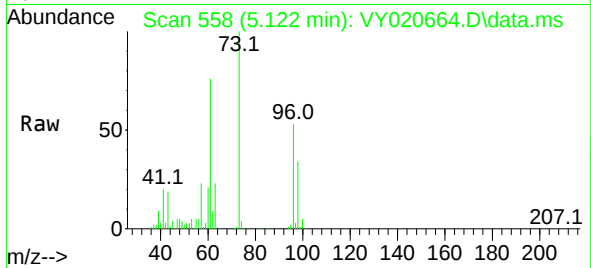




#21
trans-1,2-Dichloroethene
Concen: 52.751 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

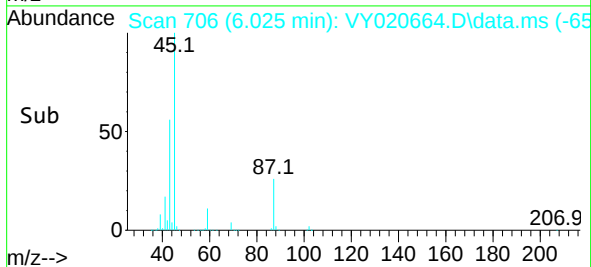
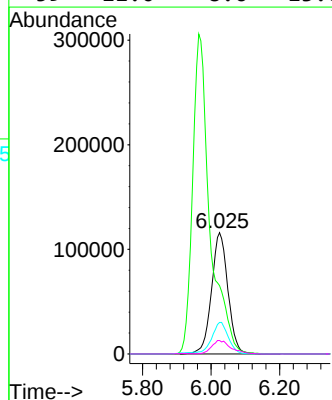
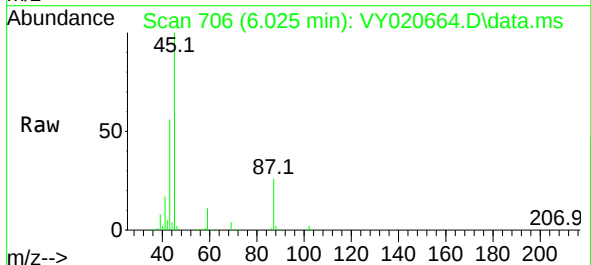
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

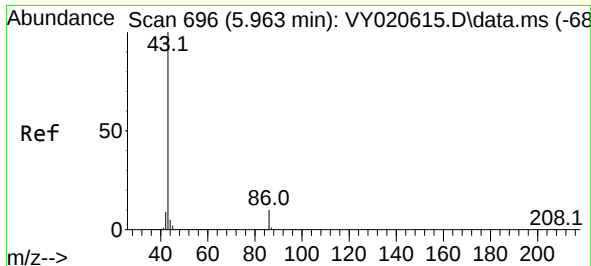
Tgt Ion: 96 Resp: 120568
Ion Ratio Lower Upper
96 100
61 143.9 113.7 170.5
98 64.8 51.7 77.5



#22
Diisopropyl ether
Concen: 53.195 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 45 Resp: 385510
Ion Ratio Lower Upper
45 100
43 56.1 42.6 64.0
87 26.0 20.6 31.0
59 11.0 8.6 13.0

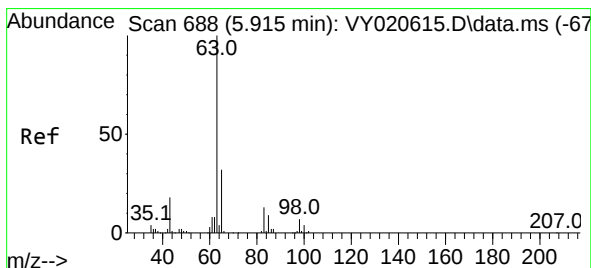
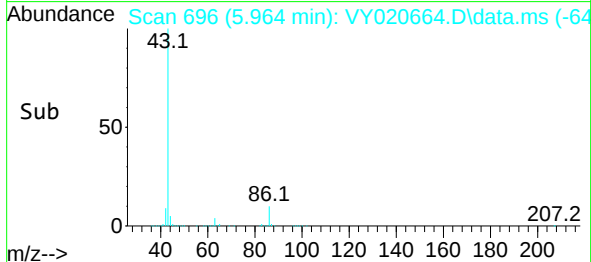
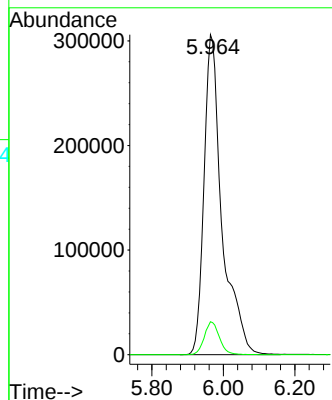
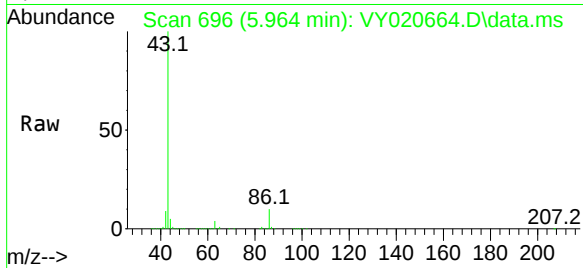




#23
 Vinyl Acetate
 Concen: 260.253 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020664.D
 Acq: 20 Dec 2024 09:09

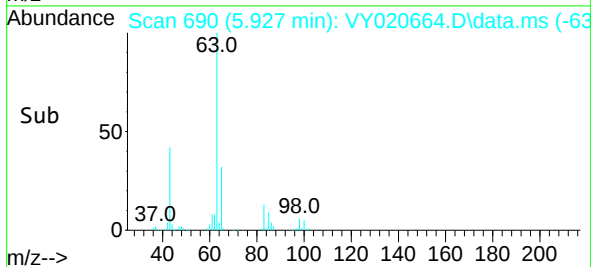
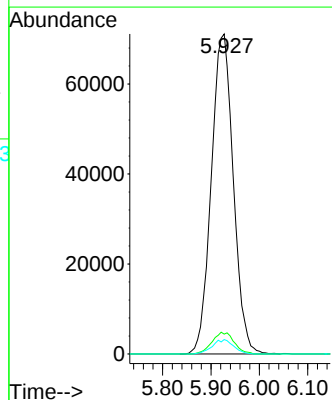
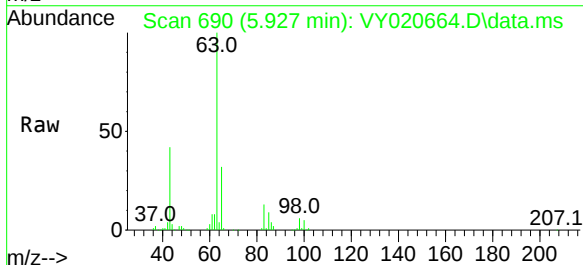
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

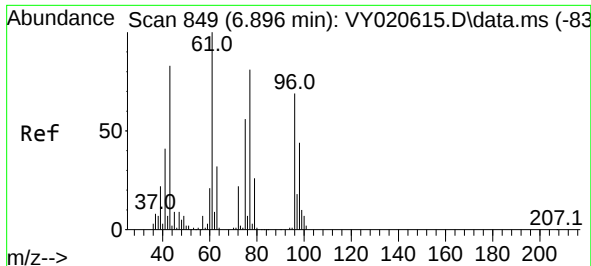
Tgt Ion: 43 Resp: 1068233
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 52.991 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.013 min
 Lab File: VY020664.D
 Acq: 20 Dec 2024 09:09

Tgt Ion: 63 Resp: 224983
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 4.5 2.1 6.5

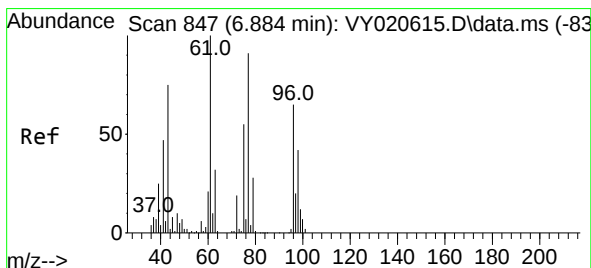
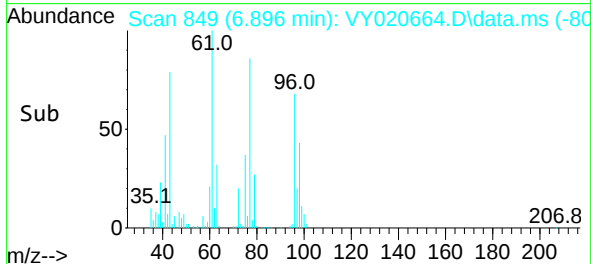
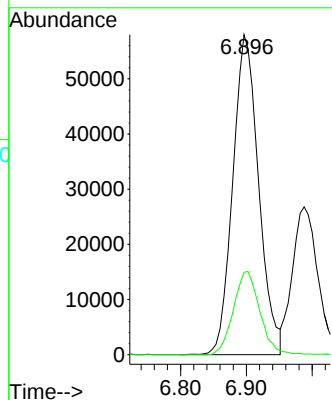
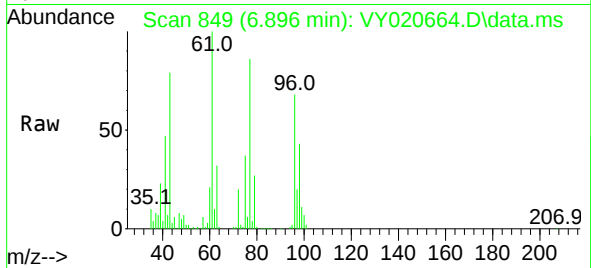




#25
2-Butanone
Concen: 239.715 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

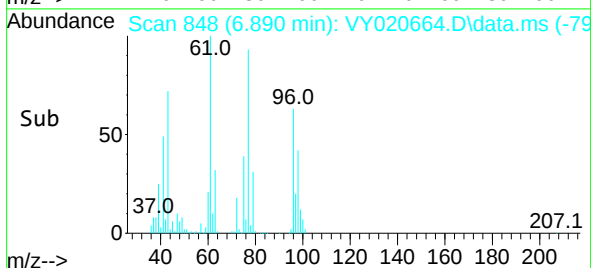
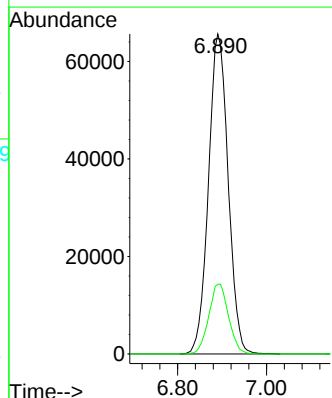
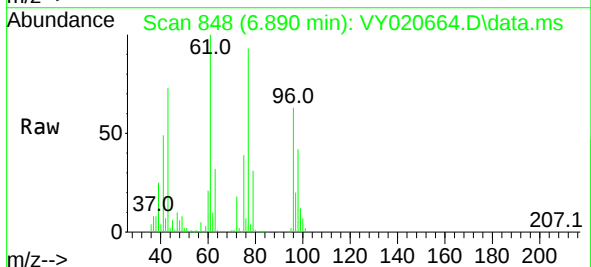
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

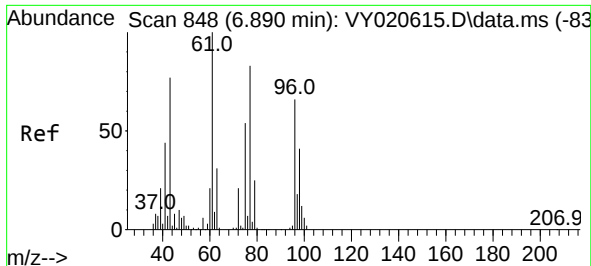
Tgt Ion: 43 Resp: 158594
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 50.287 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 77 Resp: 201830
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 52.244 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

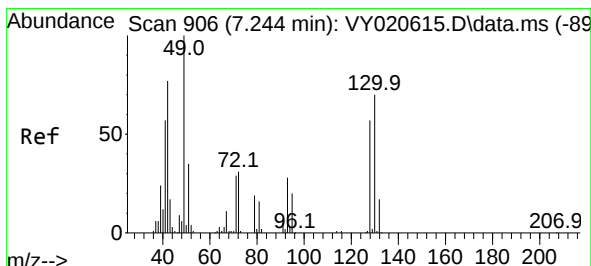
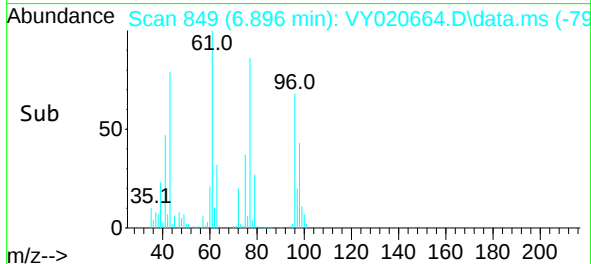
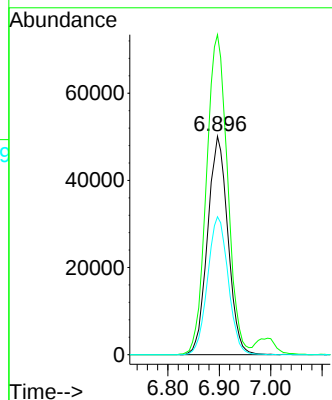
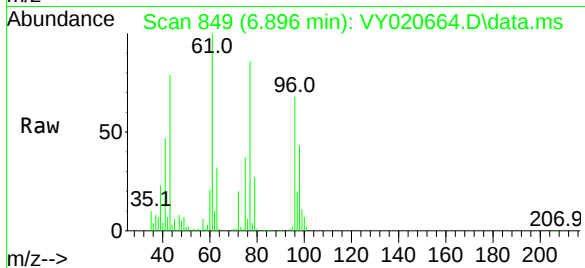
Tgt Ion: 96 Resp: 137382

Ion Ratio Lower Upper

96 100

61 151.8 0.0 306.2

98 64.2 0.0 127.2



#28

Bromochloromethane

Concen: 50.330 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

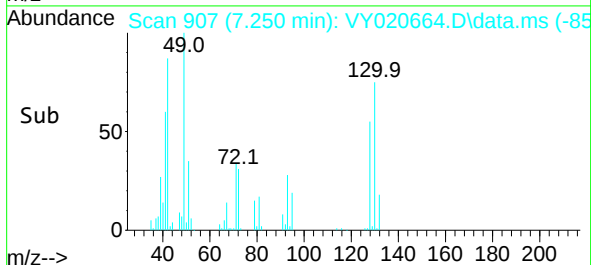
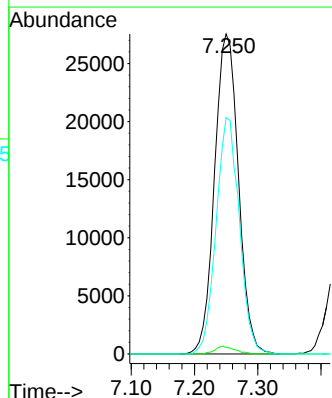
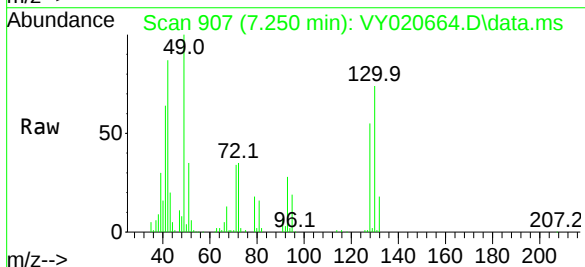
Tgt Ion: 49 Resp: 72076

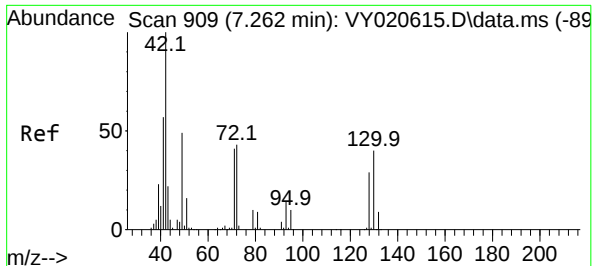
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 71.9 58.3 87.5





#29

Tetrahydrofuran

Concen: 250.559 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

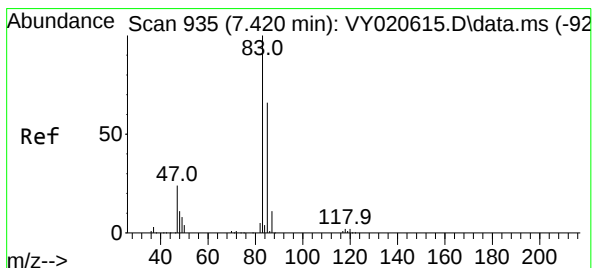
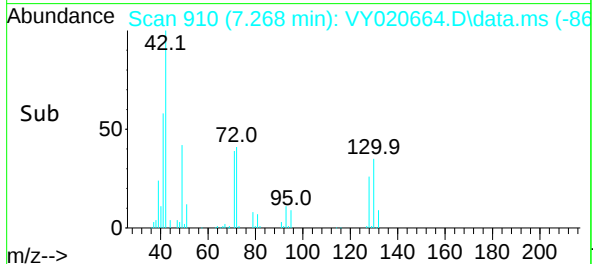
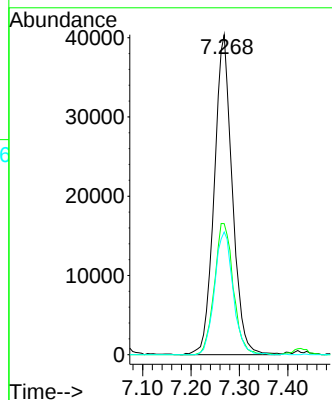
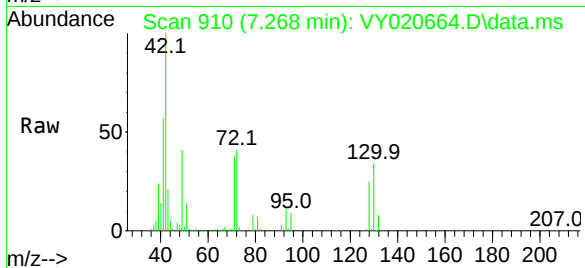
Tgt Ion: 42 Resp: 104646

Ion Ratio Lower Upper

42 100

72 42.9 34.0 51.0

71 39.5 31.6 47.4



#30

Chloroform

Concen: 53.857 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020664.D

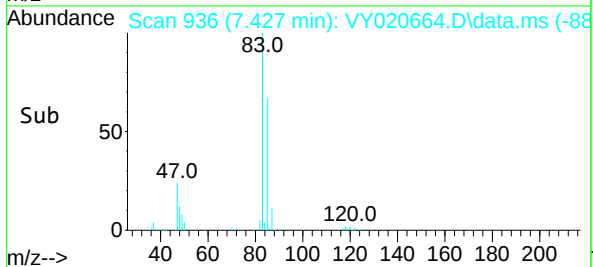
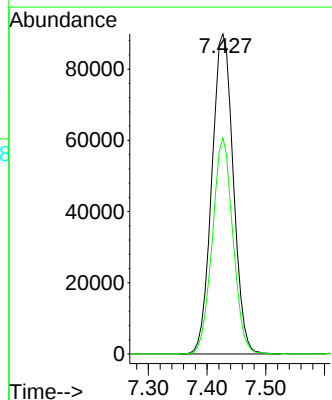
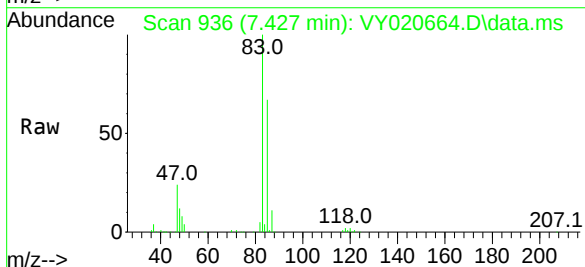
Acq: 20 Dec 2024 09:09

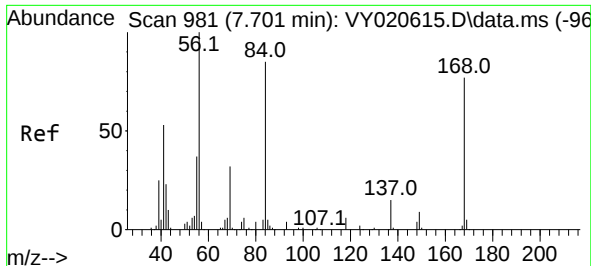
Tgt Ion: 83 Resp: 227859

Ion Ratio Lower Upper

83 100

85 67.5 52.7 79.1

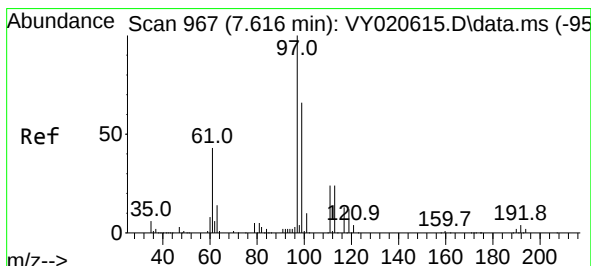
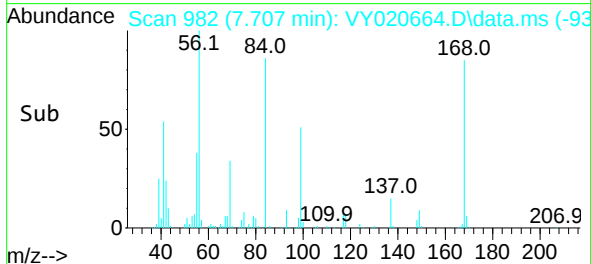
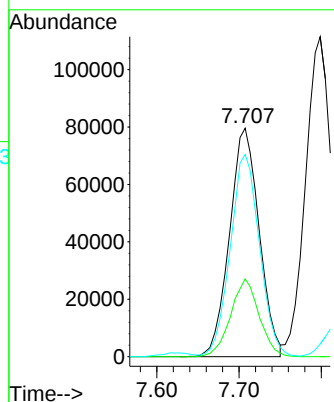
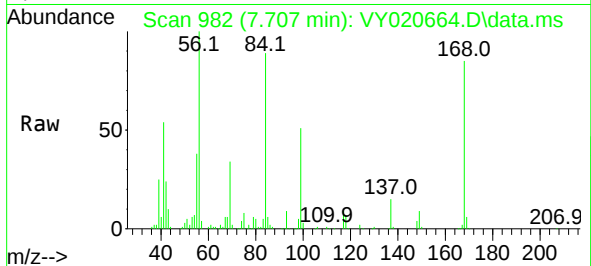




#31
Cyclohexane
Concen: 49.141 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

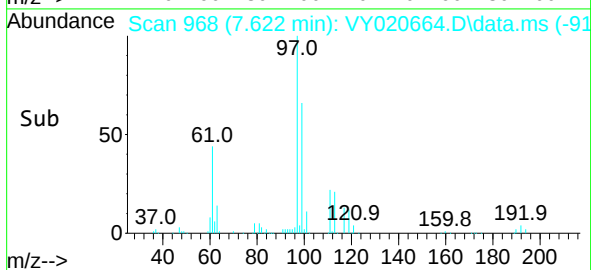
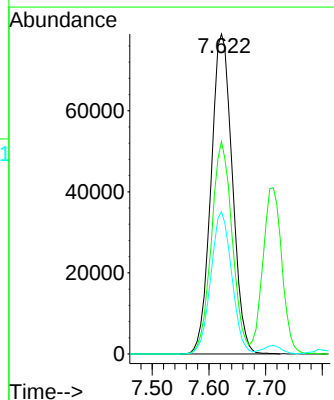
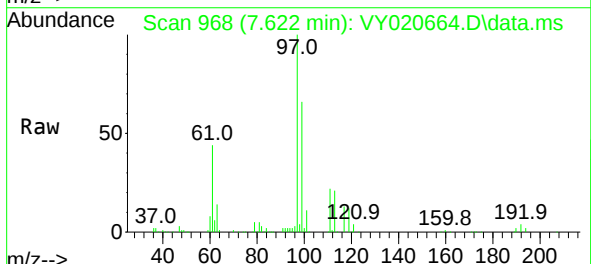
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

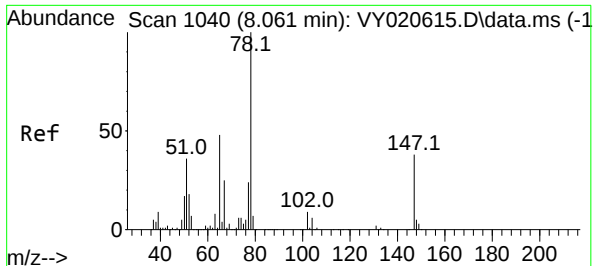
Tgt Ion: 56 Resp: 199490
Ion Ratio Lower Upper
56 100
69 34.0 25.4 38.0
84 86.9 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 52.846 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 97 Resp: 206129
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 40.336 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

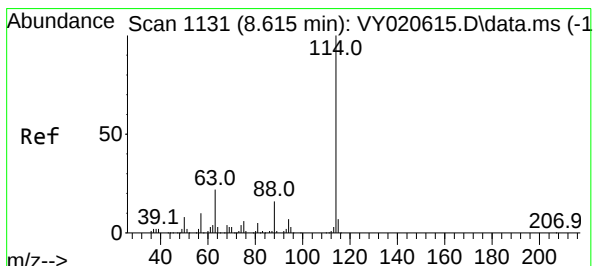
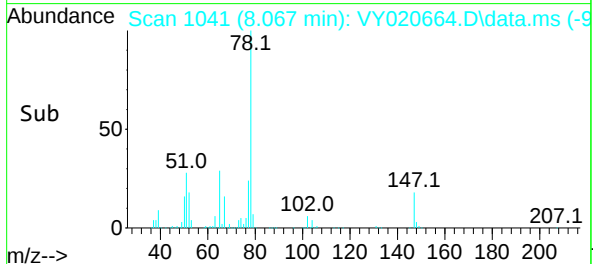
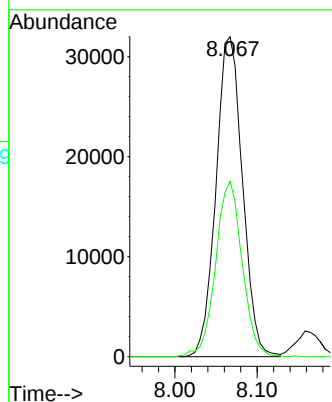
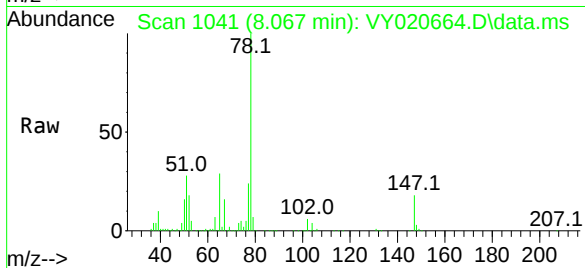
VSTDCCC050

Tgt Ion: 65 Resp: 71807

Ion Ratio Lower Upper

65 100

67 54.8 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: VY020664.D

Acq: 20 Dec 2024 09:09

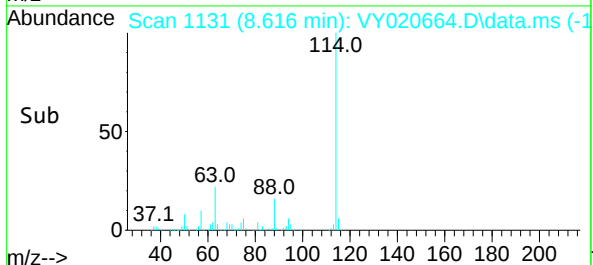
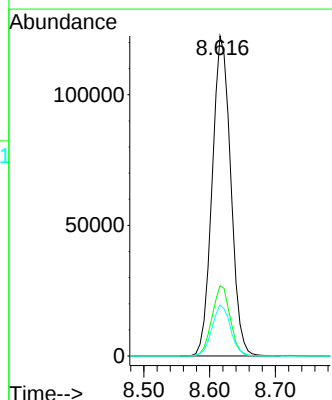
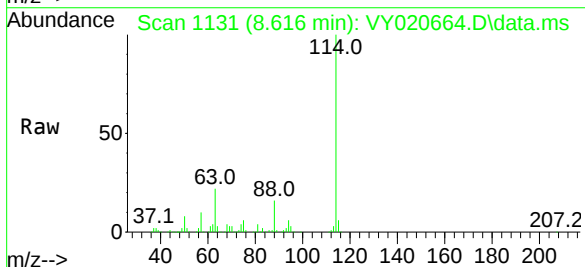
Tgt Ion: 114 Resp: 240673

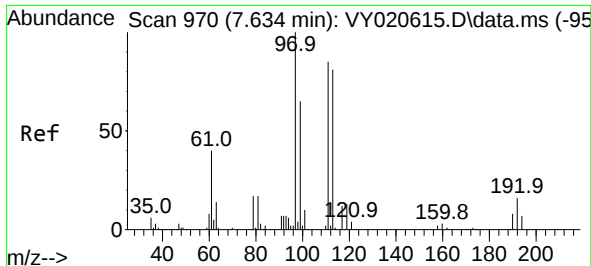
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 43.459 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020664.D

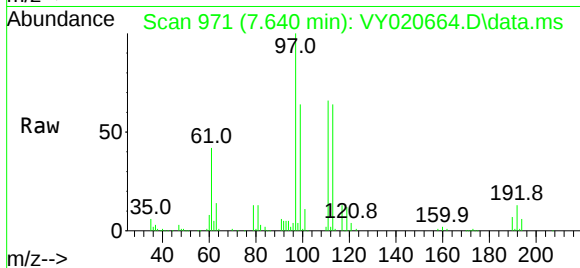
Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



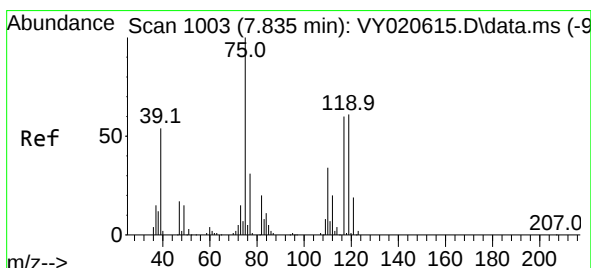
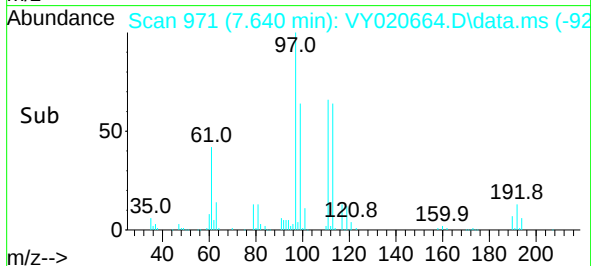
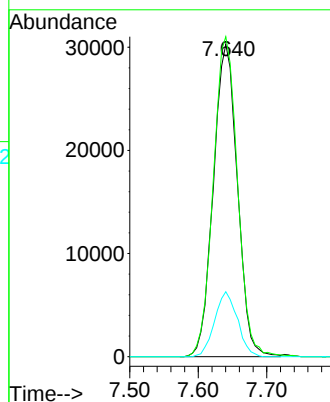
Tgt Ion:113 Resp: 73716

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 19.8 15.7 23.5



#36

1,1-Dichloropropene

Concen: 54.656 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

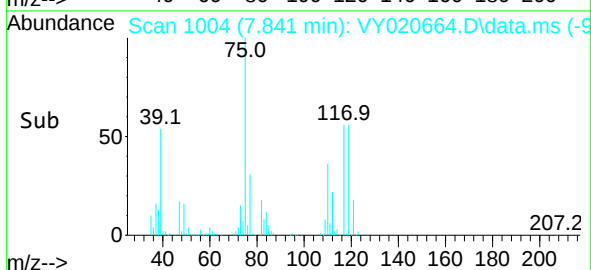
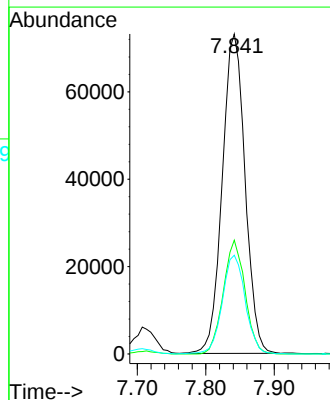
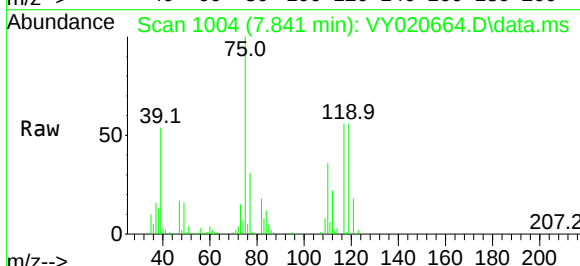
Tgt Ion: 75 Resp: 169048

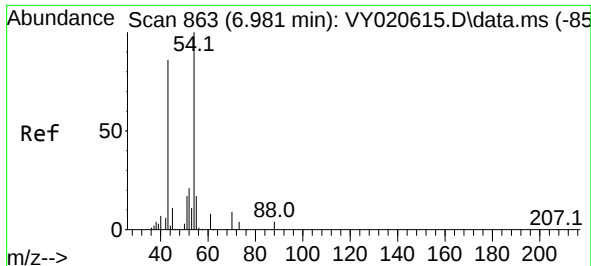
Ion Ratio Lower Upper

75 100

110 33.9 16.8 50.4

77 31.1 25.0 37.6

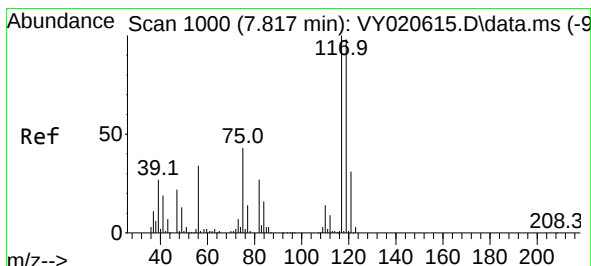
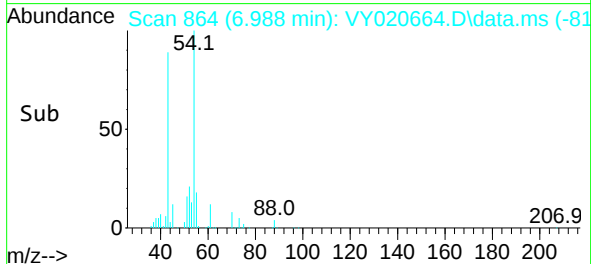
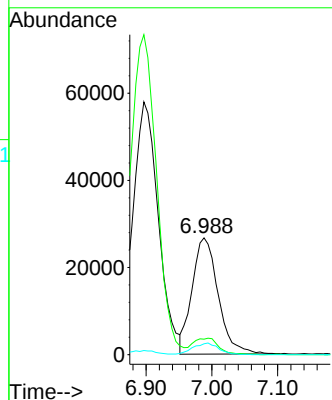
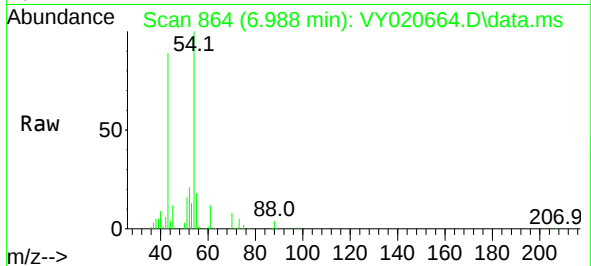




#37
Ethyl Acetate
Concen: 50.481 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

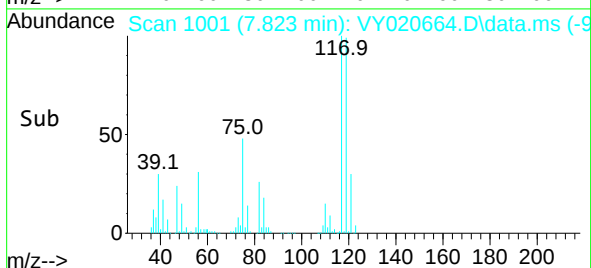
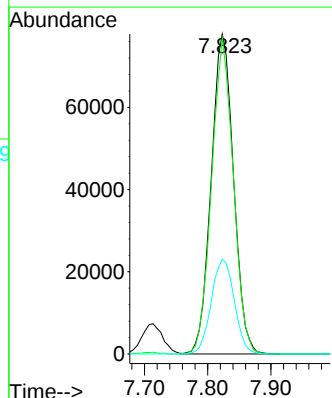
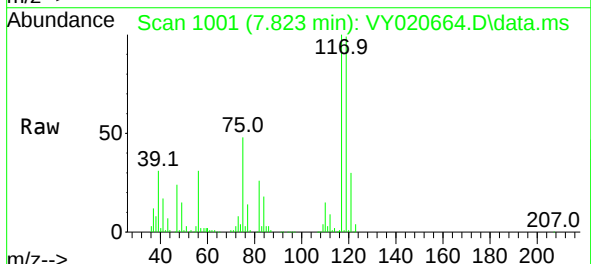
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

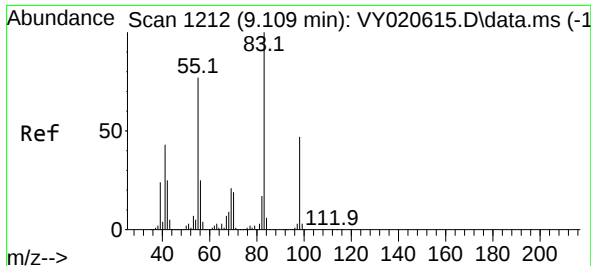
Tgt Ion: 43 Resp: 73443
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.798 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 117 Resp: 190940
Ion Ratio Lower Upper
117 100
119 98.6 78.3 117.5
121 29.6 25.1 37.7

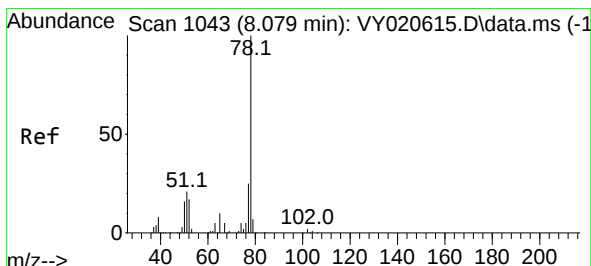
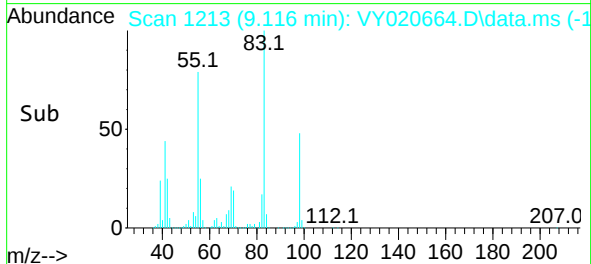
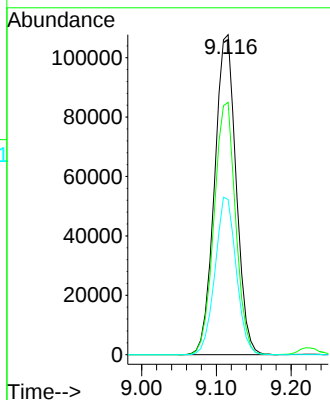
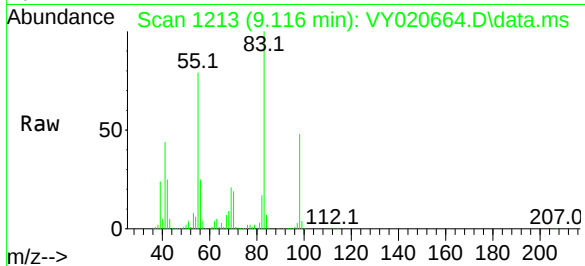




#39
Methylcyclohexane
Concen: 53.650 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

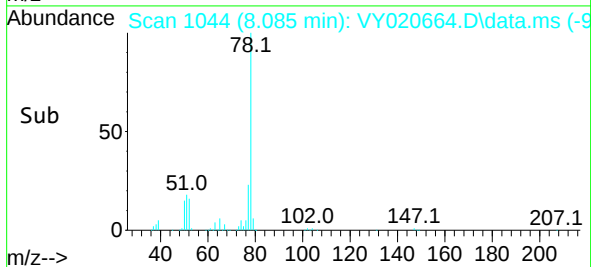
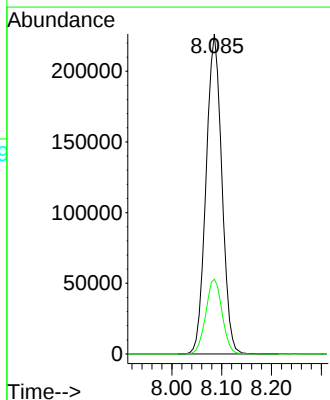
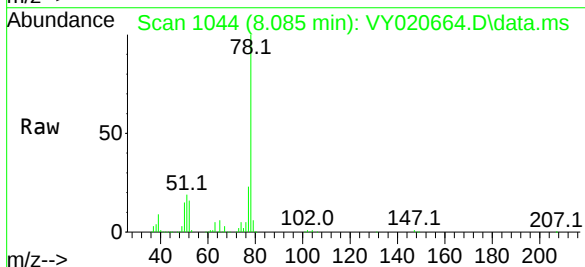
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

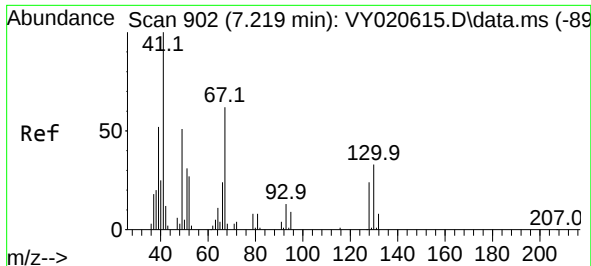
Tgt Ion: 83 Resp: 216273
Ion Ratio Lower Upper
83 100
55 78.8 61.4 92.0
98 48.5 37.3 55.9



#40
Benzene
Concen: 54.799 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 78 Resp: 496803
Ion Ratio Lower Upper
78 100
77 23.3 20.1 30.1

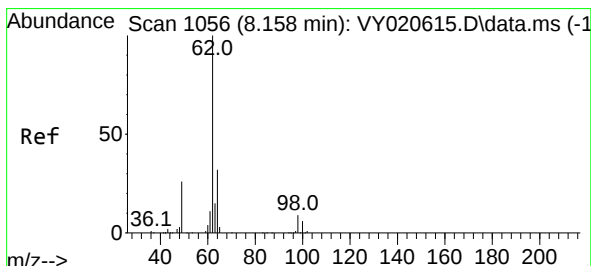
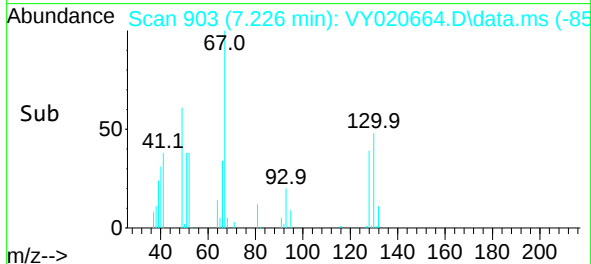
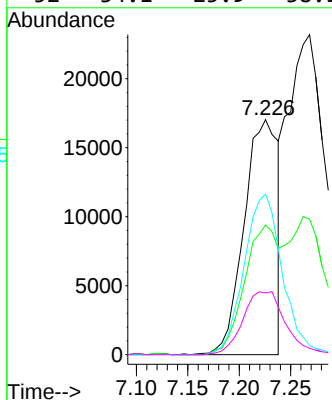
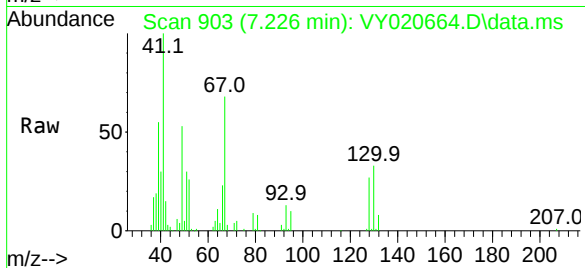




#41
Methacrylonitrile
Concen: 50.789 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

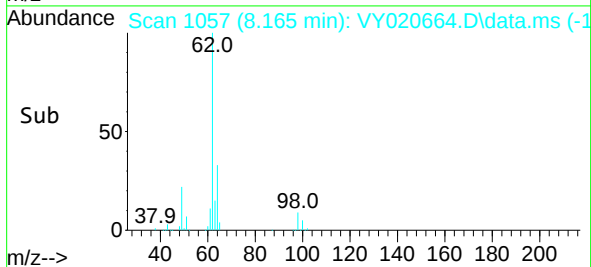
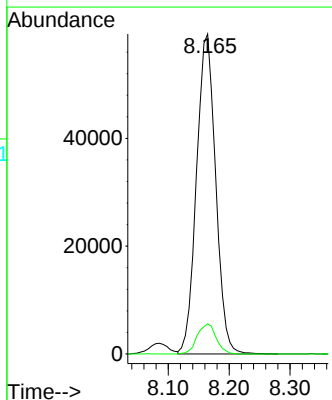
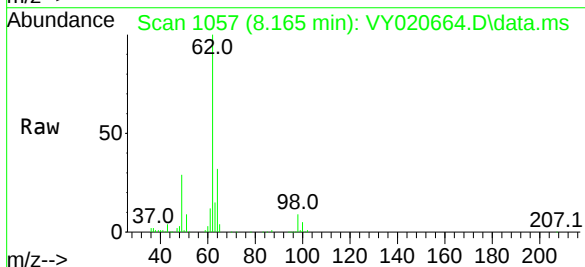
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

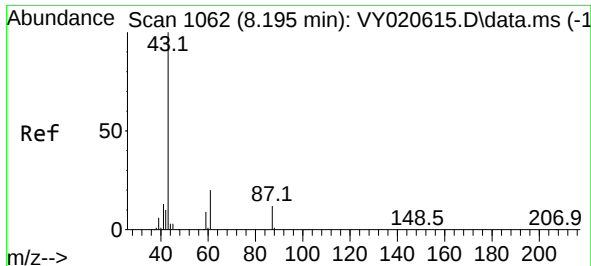
Tgt Ion:	41	Resp:	39064
Ion	Ratio	Lower	Upper
41	100		
39	53.9	53.6	80.4
67	77.3	62.0	93.0
52	34.1	25.9	38.9



#42
1,2-Dichloroethane
Concen: 53.978 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion:	62	Resp:	129790
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

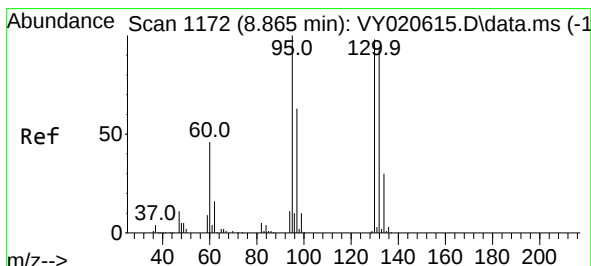
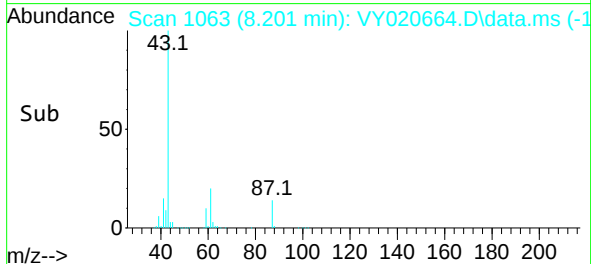
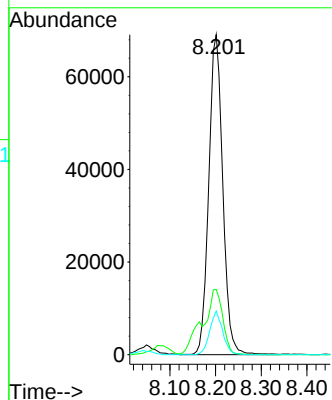
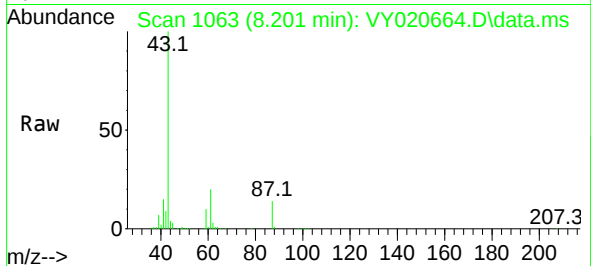




#43
Isopropyl Acetate
Concen: 53.344 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

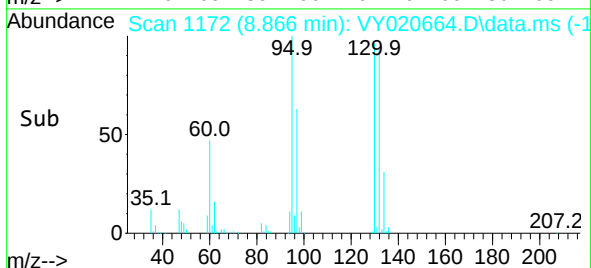
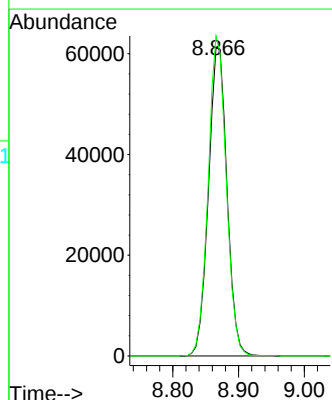
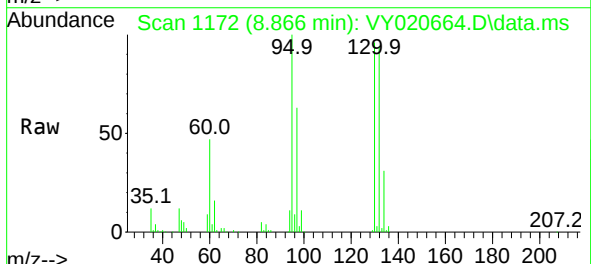
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

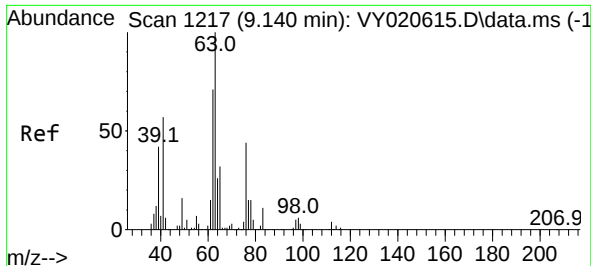
Tgt Ion: 43 Resp: 146927
Ion Ratio Lower Upper
43 100
61 21.5 23.8 35.6#
87 12.6 10.2 15.4



#44
Trichloroethene
Concen: 53.915 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion:130 Resp: 120106
Ion Ratio Lower Upper
130 100
95 103.8 0.0 203.2





#45

1,2-Dichloropropane

Concen: 54.113 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

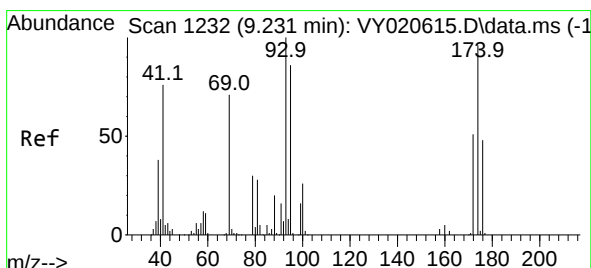
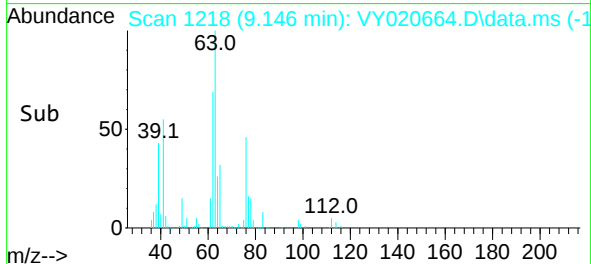
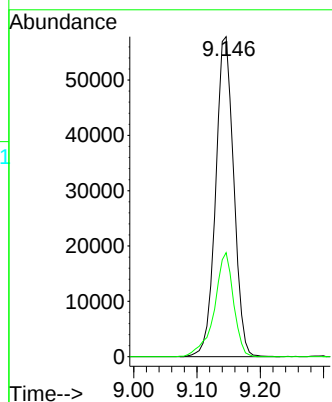
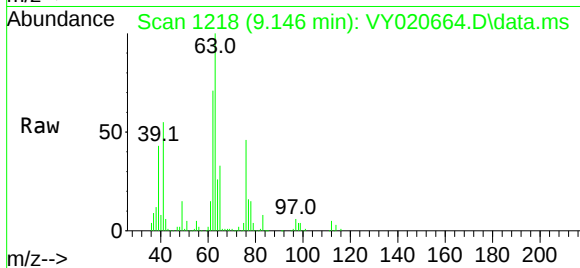
VSTDCCC050

Tgt Ion: 63 Resp: 114657

Ion Ratio Lower Upper

63 100

65 32.5 25.9 38.9



#46

Dibromomethane

Concen: 54.086 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

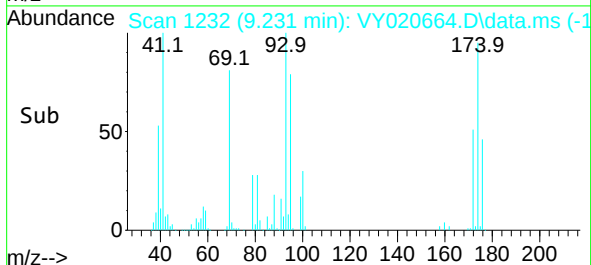
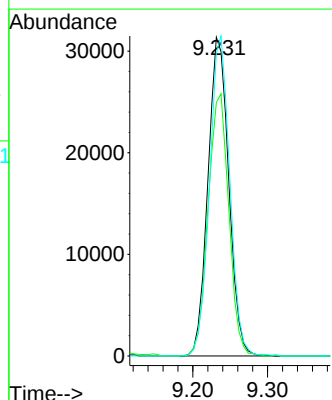
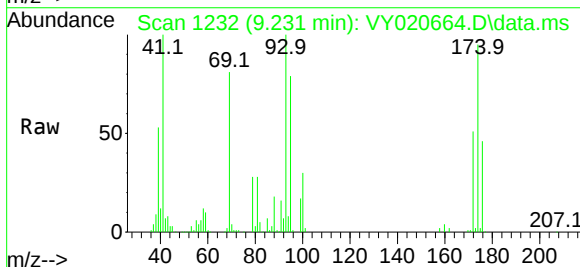
Tgt Ion: 93 Resp: 60564

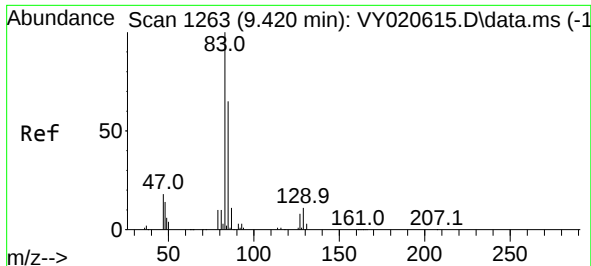
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

174 97.9 77.8 116.6

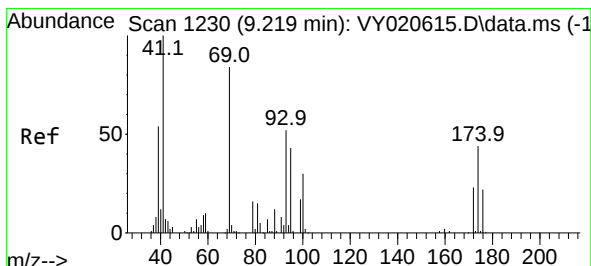
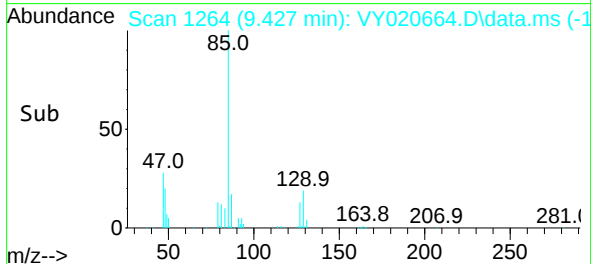
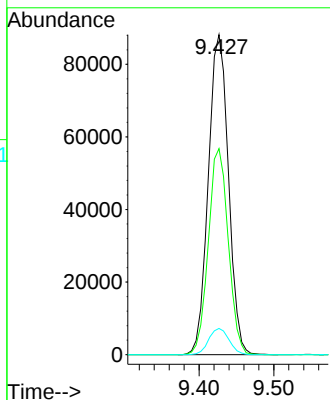
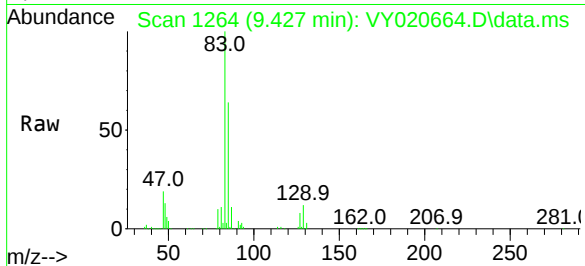




#47
Bromodichloromethane
Concen: 54.644 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

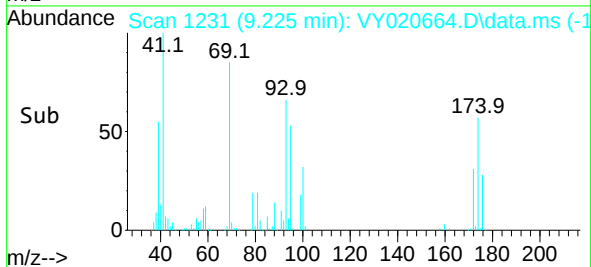
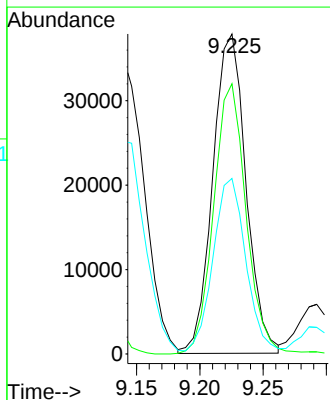
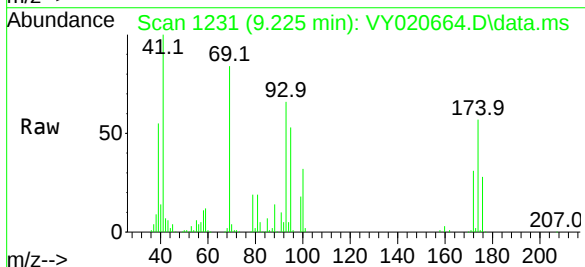
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

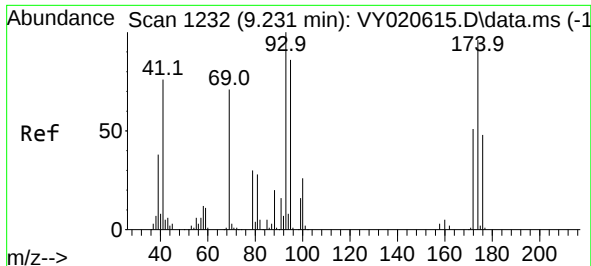
Tgt Ion: 83 Resp: 165285
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 52.772 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 41 Resp: 69098
Ion Ratio Lower Upper
41 100
69 82.9 67.2 100.8
39 52.7 42.2 63.4





#49

1,4-Dioxane

Concen: 981.949 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

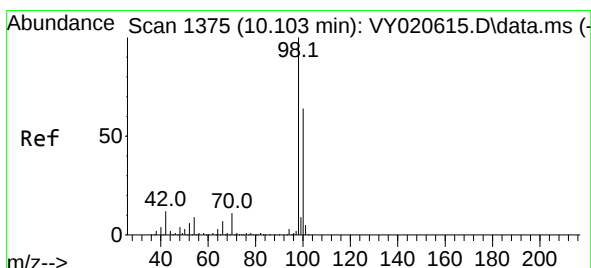
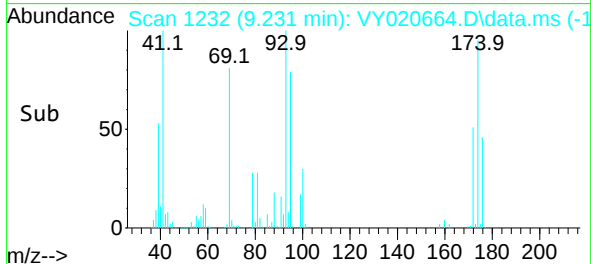
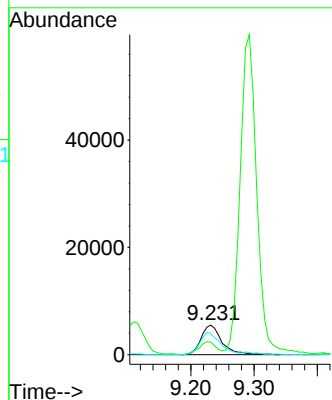
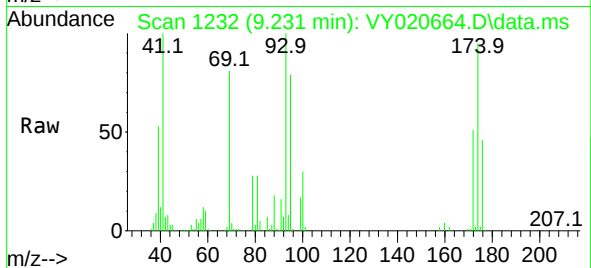
Tgt Ion: 88 Resp: 12610

Ion Ratio Lower Upper

88 100

43 35.8 27.6 41.4

58 73.7 61.7 92.5



#50

Toluene-d8

Concen: 43.661 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020664.D

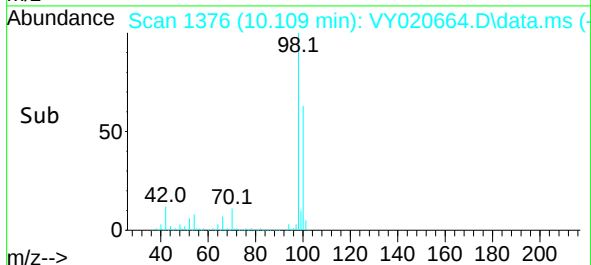
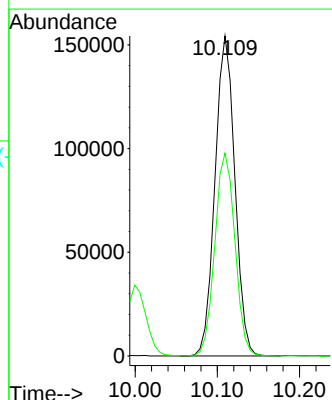
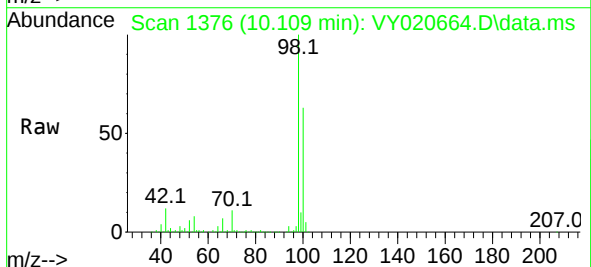
Acq: 20 Dec 2024 09:09

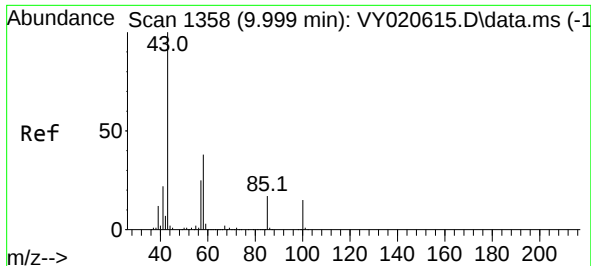
Tgt Ion: 98 Resp: 259216

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

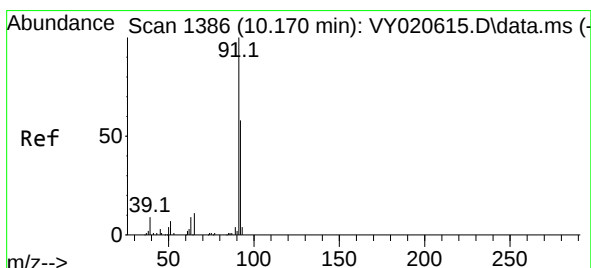
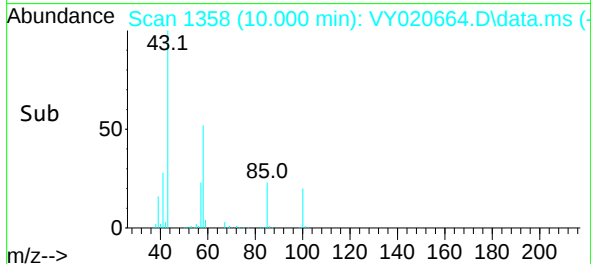
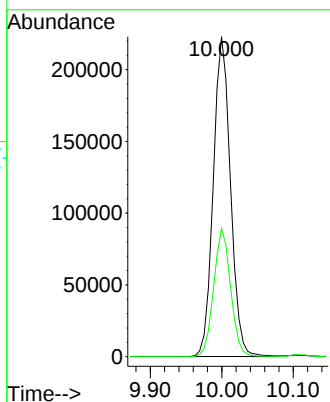
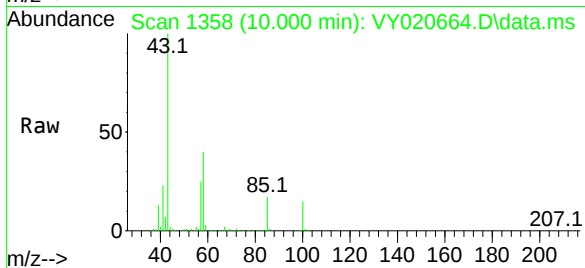




#51
4-Methyl-2-Pentanone
Concen: 256.228 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

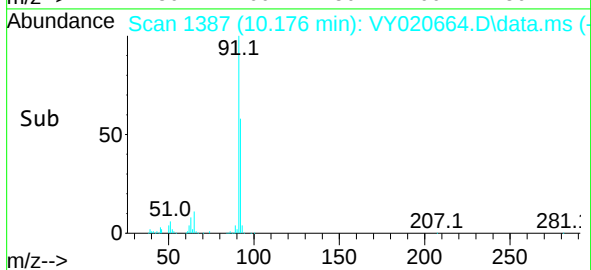
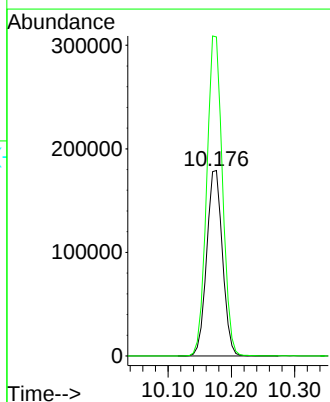
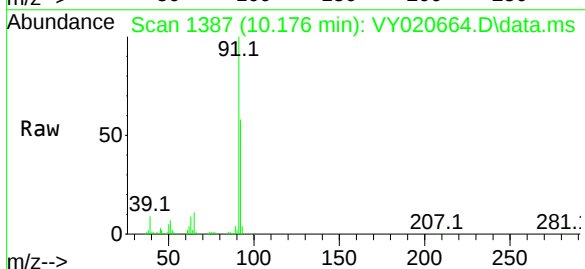
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

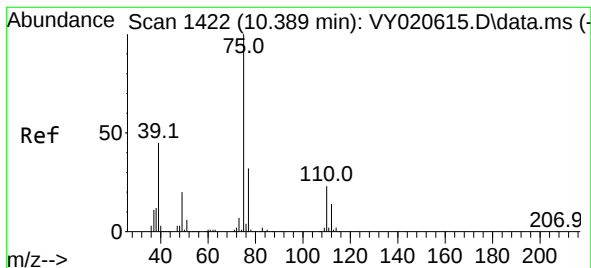
Tgt Ion: 43 Resp: 372513
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2



#52
Toluene
Concen: 55.159 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 92 Resp: 310772
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

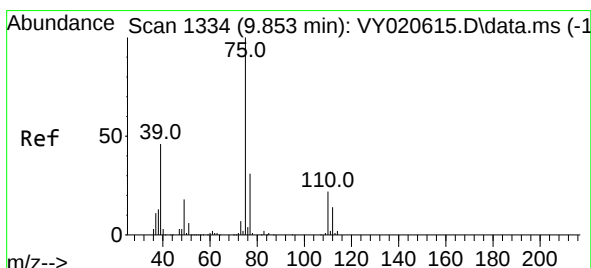
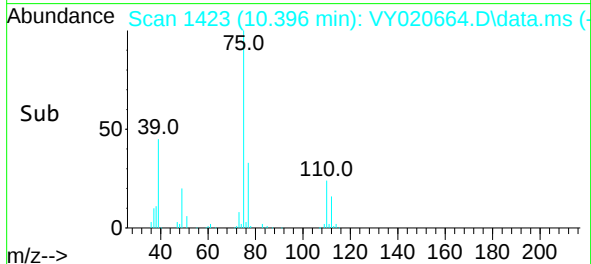
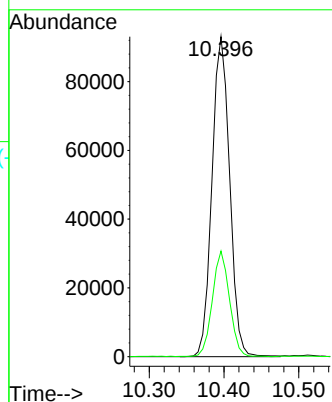
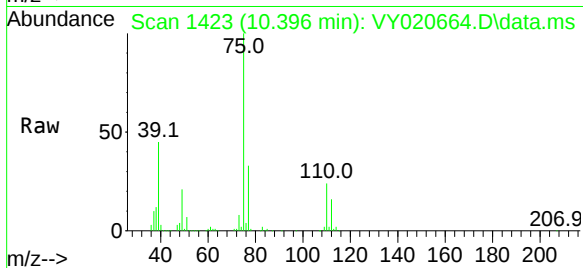




#53
 t-1,3-Dichloropropene
 Concen: 54.306 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY020664.D
 Acq: 20 Dec 2024 09:09

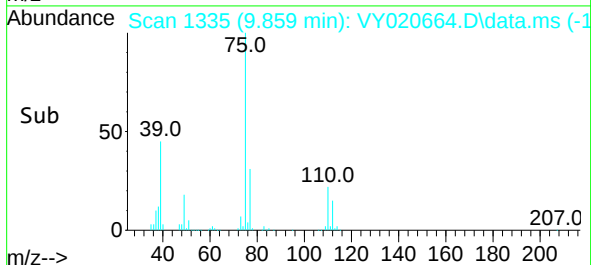
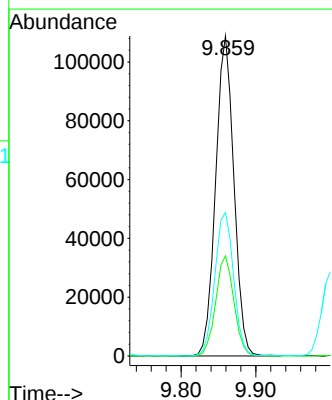
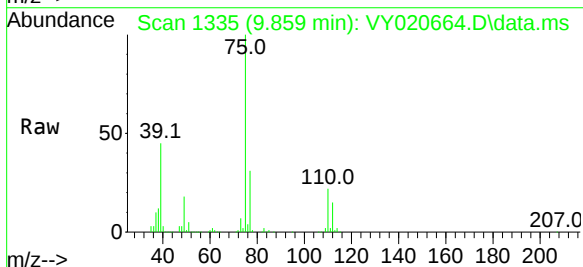
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

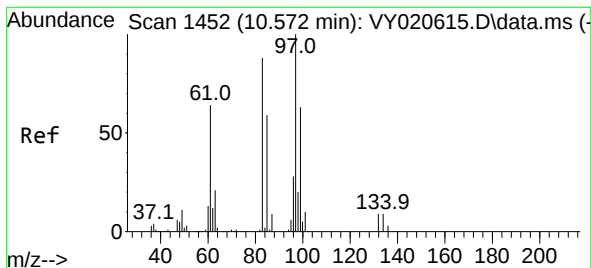
Tgt Ion: 75 Resp: 153061
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.407 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY020664.D
 Acq: 20 Dec 2024 09:09

Tgt Ion: 75 Resp: 185052
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 44.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 54.290 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 80376

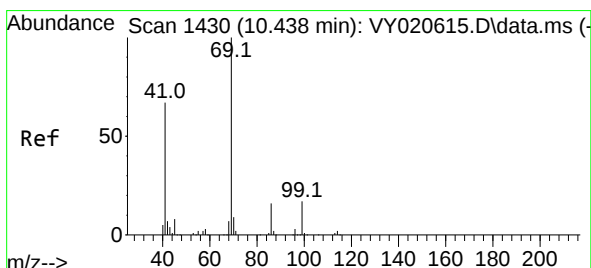
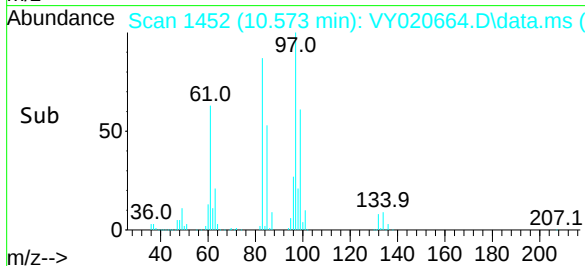
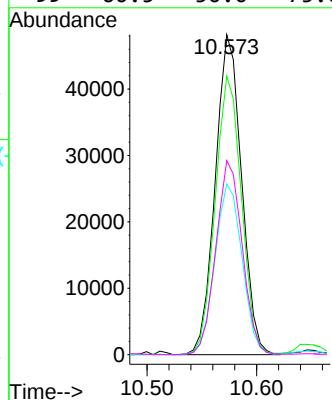
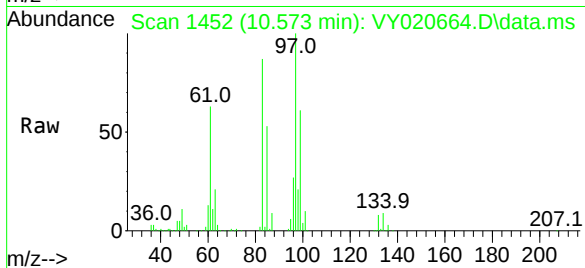
Ion Ratio Lower Upper

97 100

83 86.9 70.4 105.6

85 53.3 47.2 70.8

99 60.5 50.0 75.0



#56

Ethyl methacrylate

Concen: 54.394 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

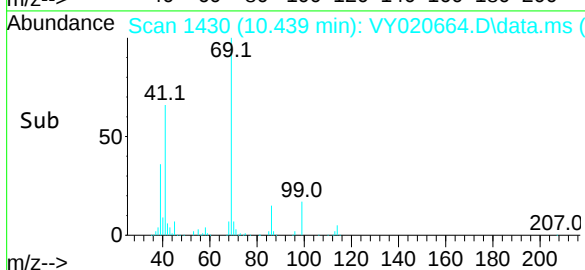
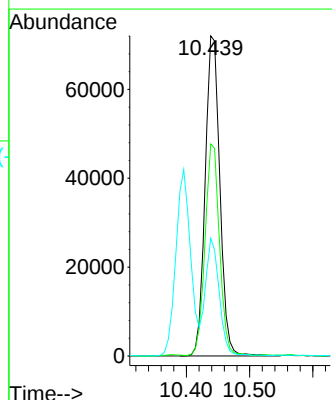
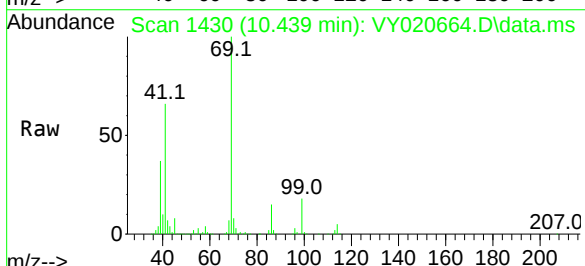
Tgt Ion: 69 Resp: 116828

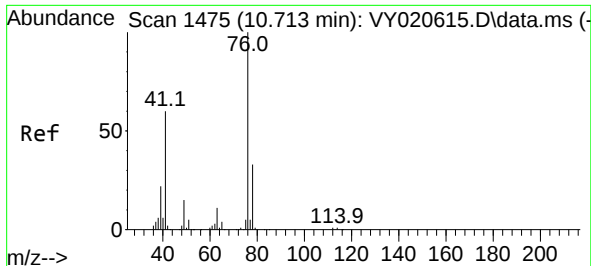
Ion Ratio Lower Upper

69 100

41 64.9 54.0 81.0

39 34.0 27.9 41.9





#57

1,3-Dichloropropane

Concen: 54.257 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

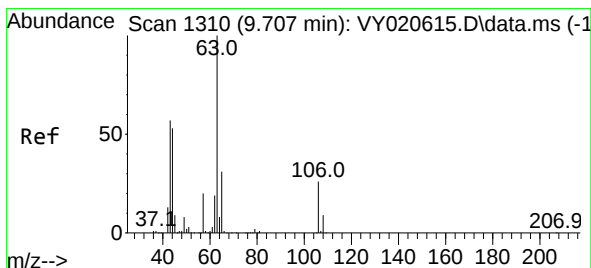
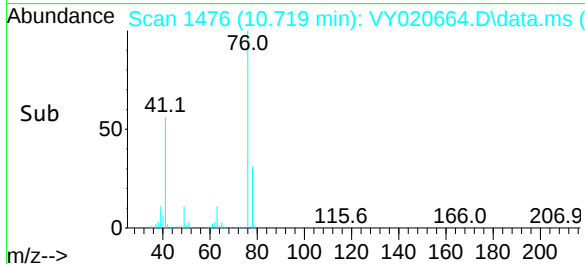
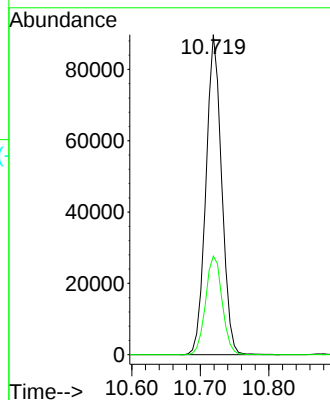
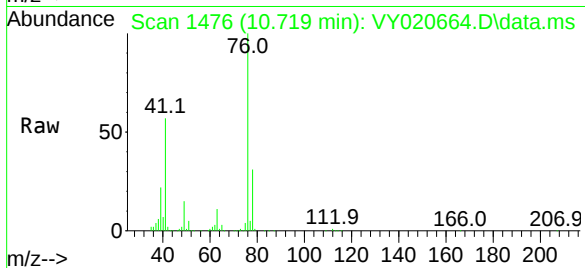
VSTDCCC050

Tgt Ion: 76 Resp: 143193

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 268.265 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020664.D

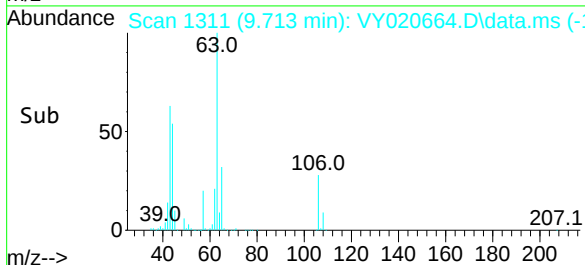
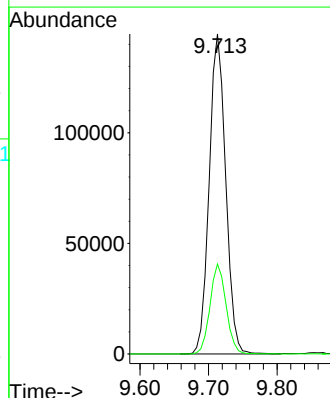
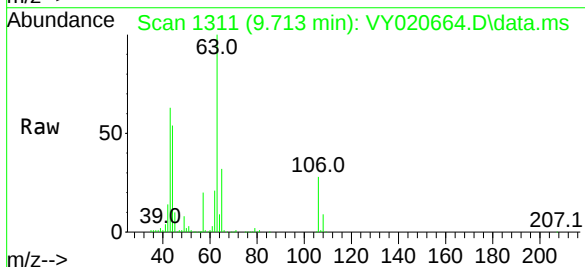
Acq: 20 Dec 2024 09:09

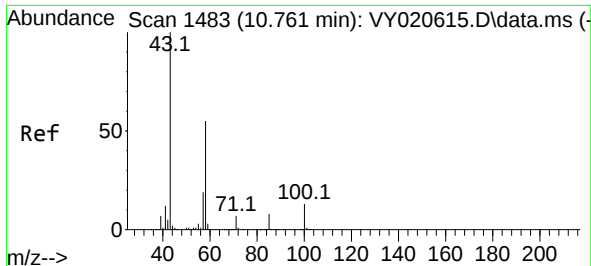
Tgt Ion: 63 Resp: 242438

Ion Ratio Lower Upper

63 100

106 27.3 21.5 32.3





#59

2-Hexanone

Concen: 263.689 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

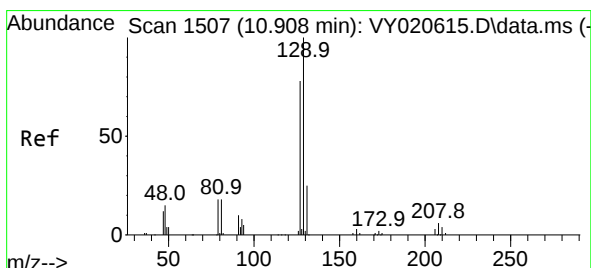
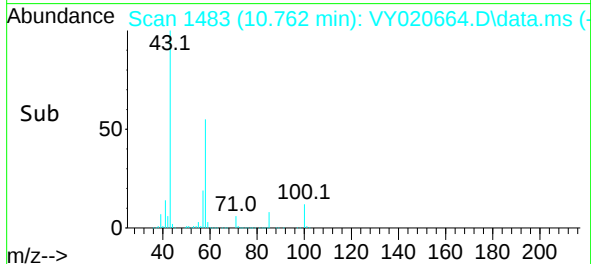
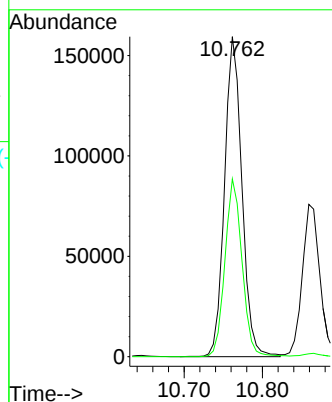
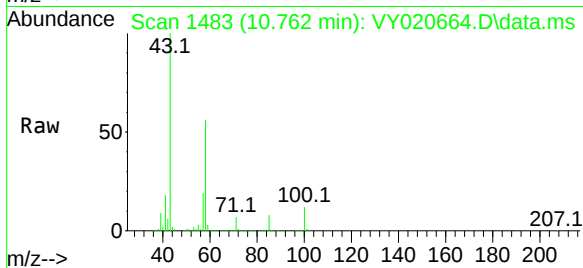
VSTDCCC050

Tgt Ion: 43 Resp: 246134

Ion Ratio Lower Upper

43 100

58 54.7 27.2 81.6



#60

Dibromochloromethane

Concen: 55.226 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY020664.D

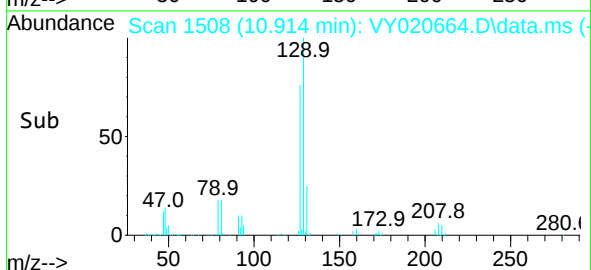
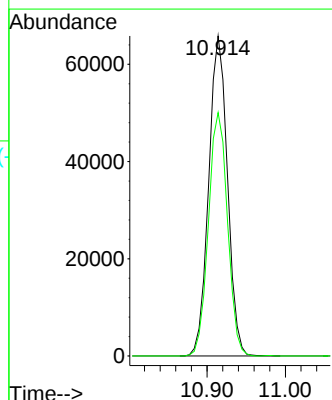
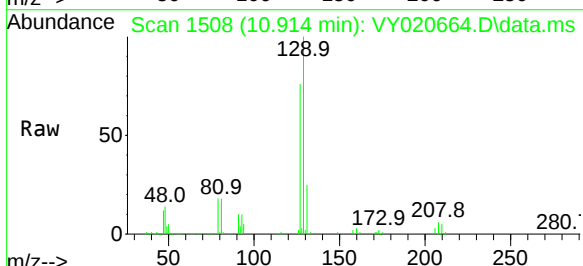
Acq: 20 Dec 2024 09:09

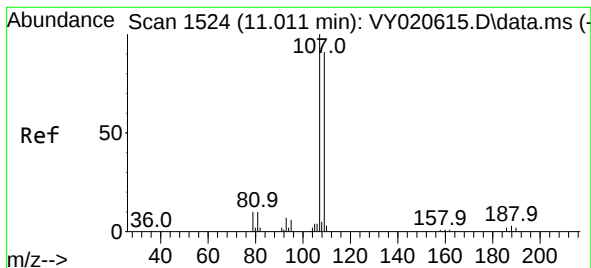
Tgt Ion:129 Resp: 109346

Ion Ratio Lower Upper

129 100

127 77.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.496 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

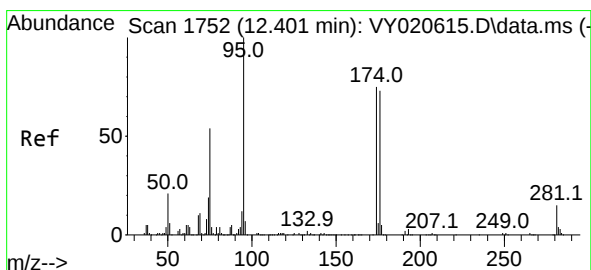
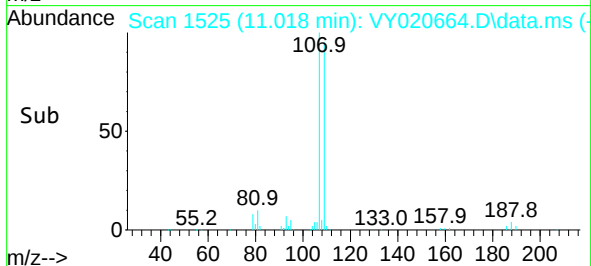
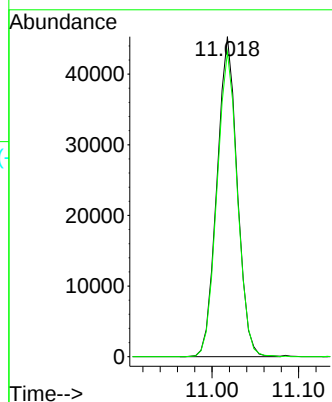
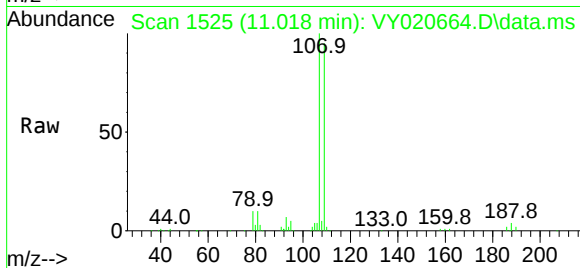
VSTDCCC050

Tgt Ion:107 Resp: 73670

Ion Ratio Lower Upper

107 100

109 96.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 42.036 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

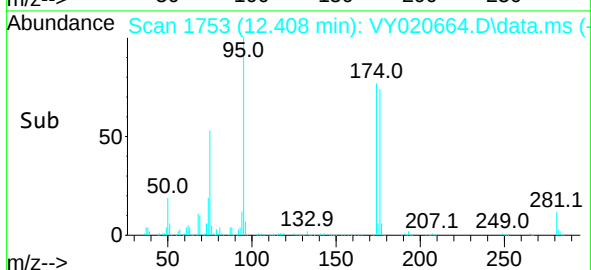
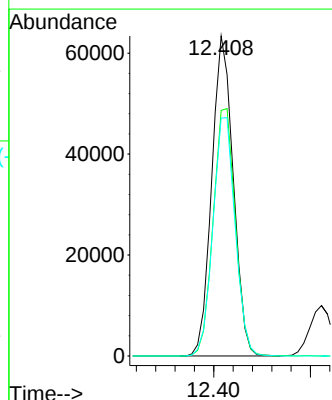
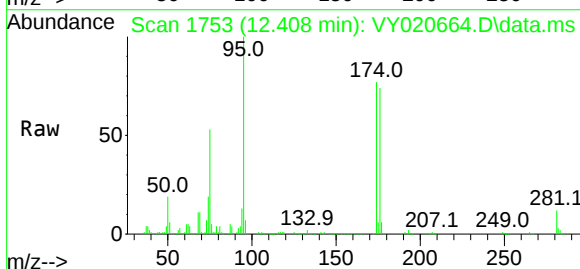
Tgt Ion: 95 Resp: 97623

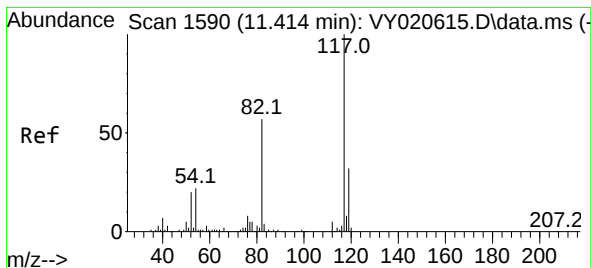
Ion Ratio Lower Upper

95 100

174 79.5 0.0 161.8

176 77.0 0.0 156.6

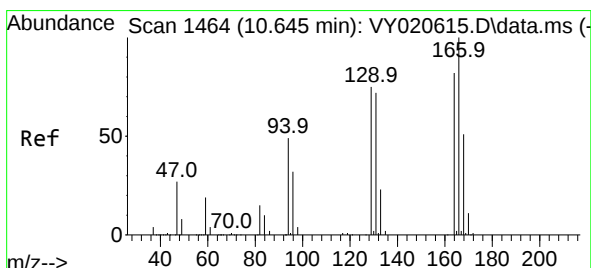
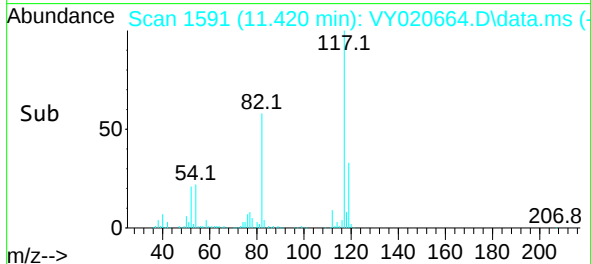
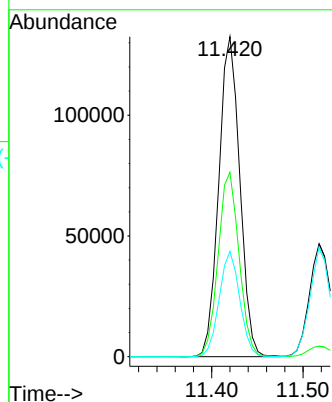
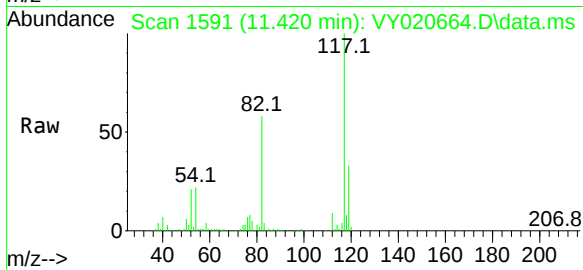




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

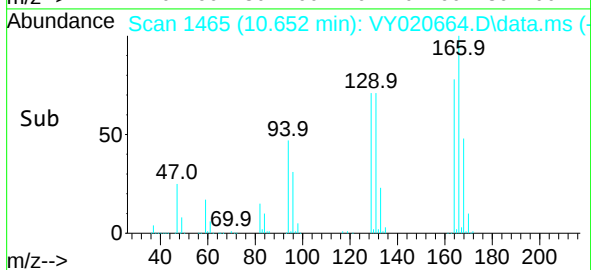
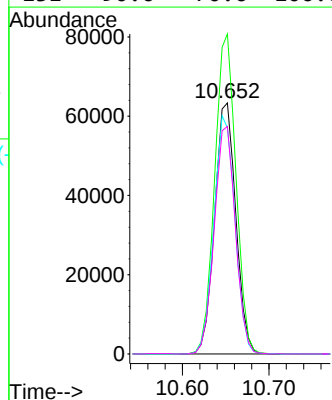
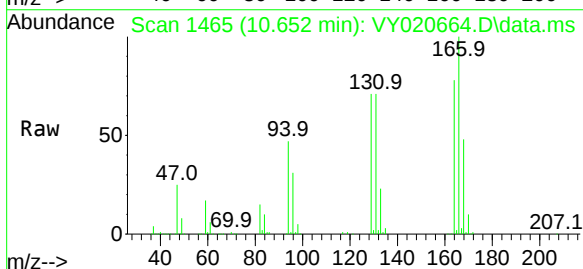
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

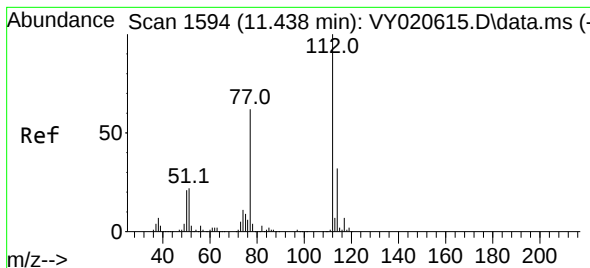
Tgt Ion:117 Resp: 212145
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 32.9 25.3 37.9



#64
Tetrachloroethene
Concen: 53.958 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion:164 Resp: 107671
Ion Ratio Lower Upper
164 100
166 127.4 97.9 146.9
129 90.1 73.4 110.0
131 90.6 70.6 106.0





#65

Chlorobenzene

Concen: 54.474 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

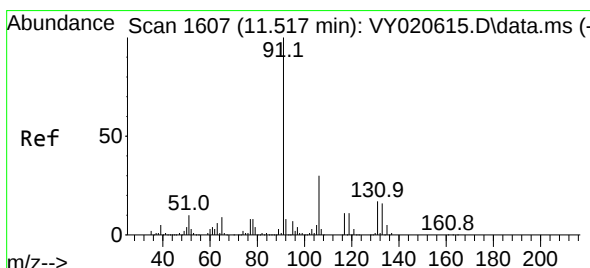
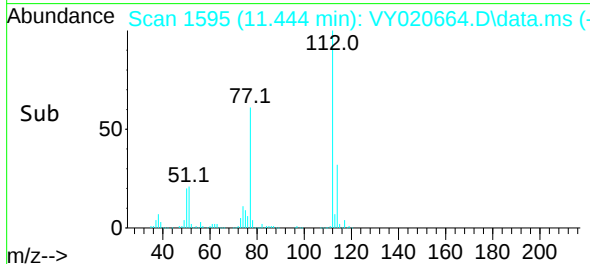
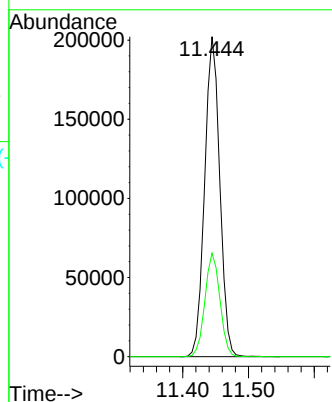
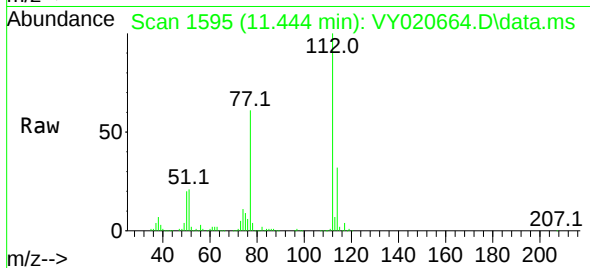
VSTDCCC050

Tgt Ion:112 Resp: 323124

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 56.252 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

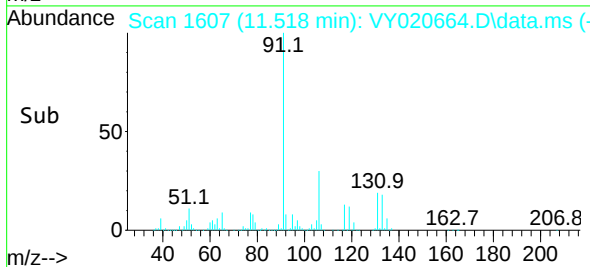
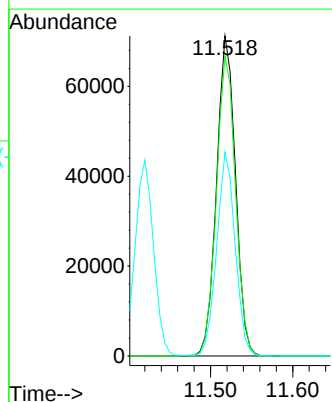
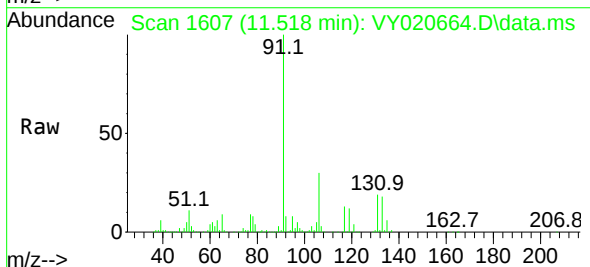
Tgt Ion:131 Resp: 114100

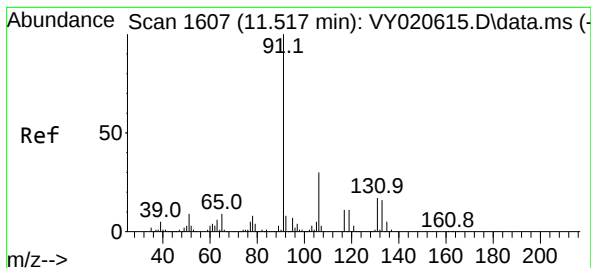
Ion Ratio Lower Upper

131 100

133 94.9 46.8 140.3

119 62.2 31.8 95.3





#67

Ethyl Benzene

Concen: 55.519 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

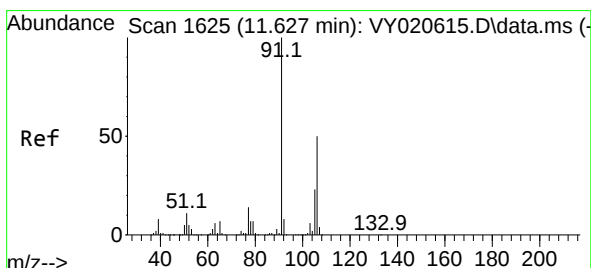
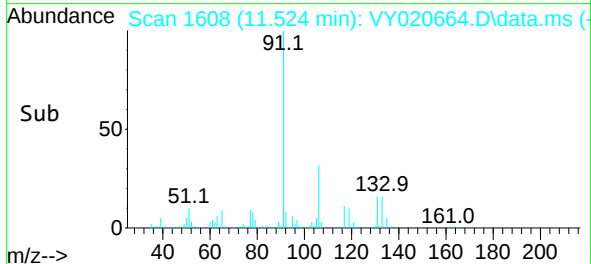
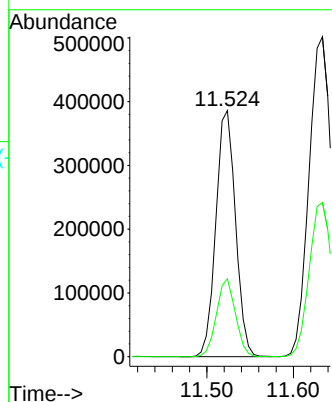
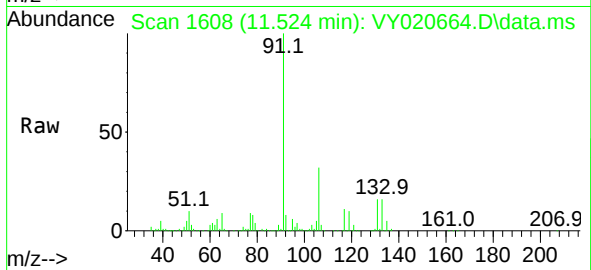
VSTDCCC050

Tgt Ion: 91 Resp: 607565

Ion Ratio Lower Upper

91 100

106 31.6 23.9 35.9



#68

m/p-Xylenes

Concen: 109.344 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020664.D

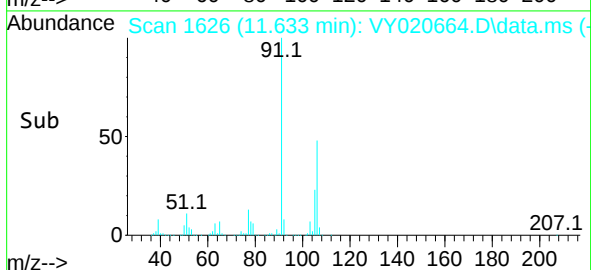
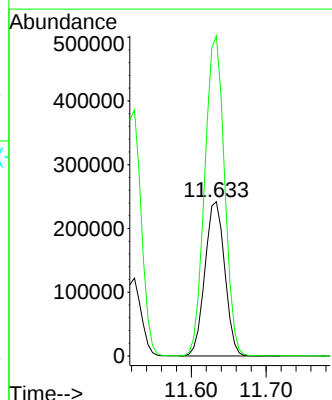
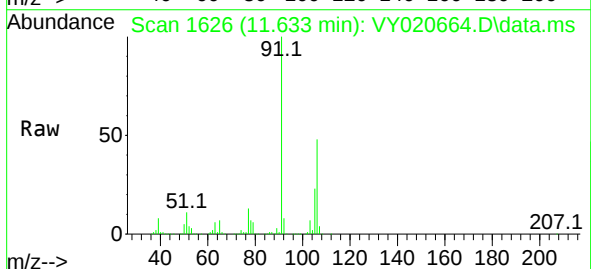
Acq: 20 Dec 2024 09:09

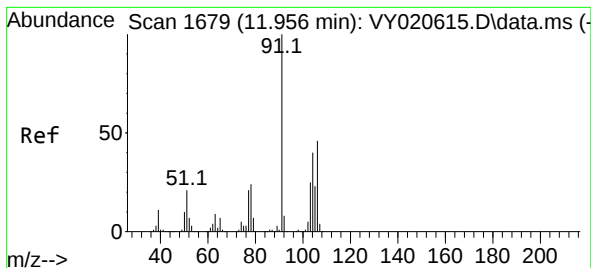
Tgt Ion:106 Resp: 444911

Ion Ratio Lower Upper

106 100

91 207.2 165.0 247.4





#69

o-Xylene

Concen: 54.792 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

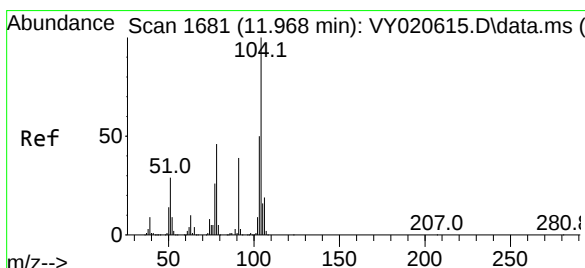
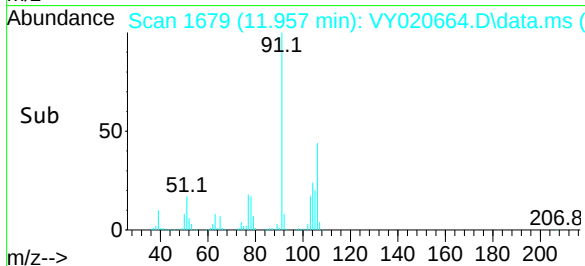
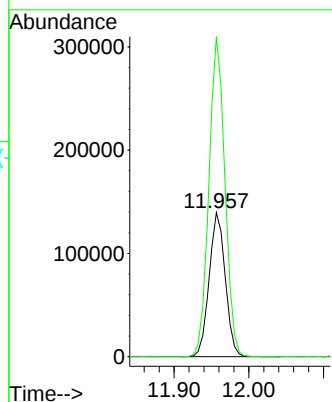
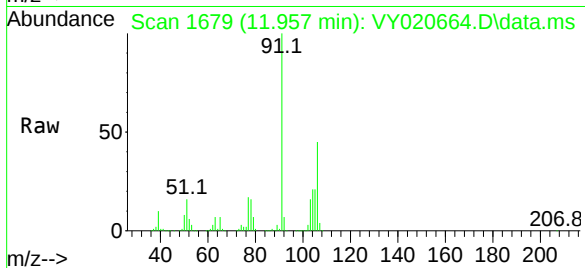
VSTDCCC050

Tgt Ion:106 Resp: 208015

Ion Ratio Lower Upper

106 100

91 221.2 108.4 325.2



#70

Styrene

Concen: 55.127 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

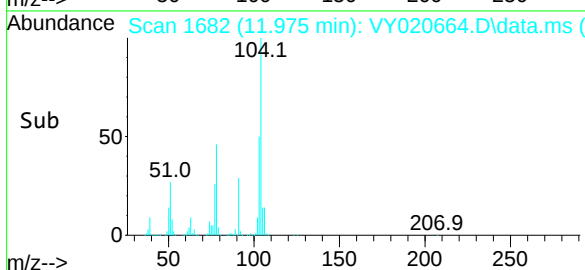
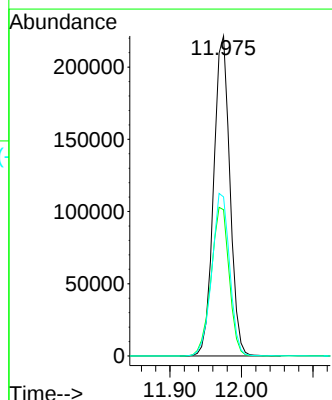
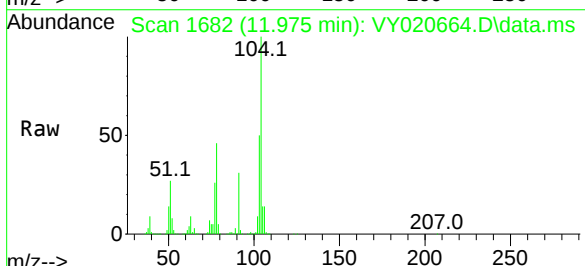
Tgt Ion:104 Resp: 349665

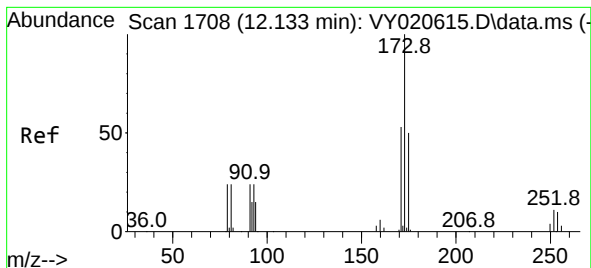
Ion Ratio Lower Upper

104 100

78 51.8 41.6 62.4

103 55.6 43.7 65.5





#71

Bromoform

Concen: 55.908 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

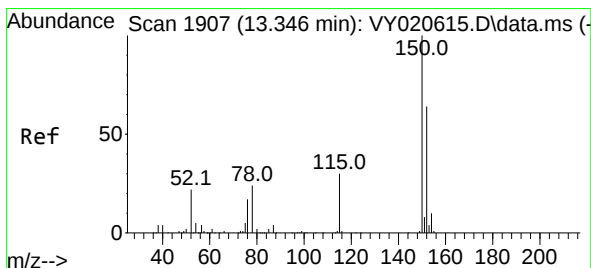
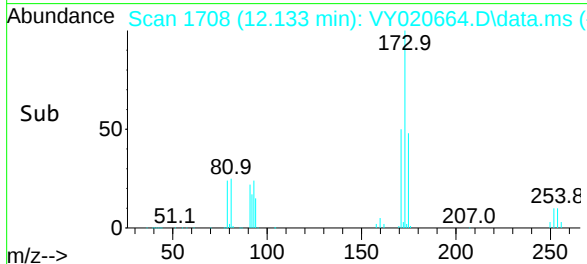
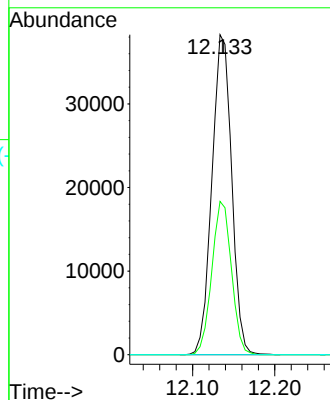
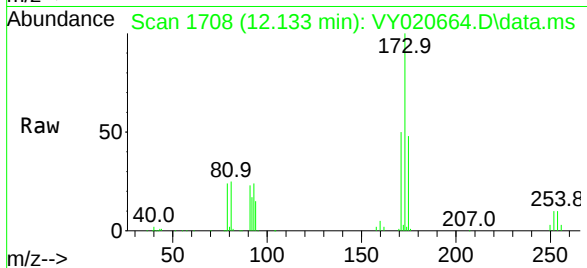
Tgt Ion:173 Resp: 63758

Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

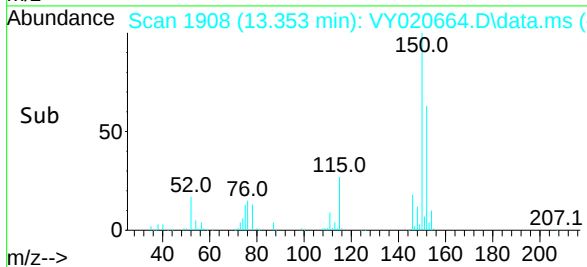
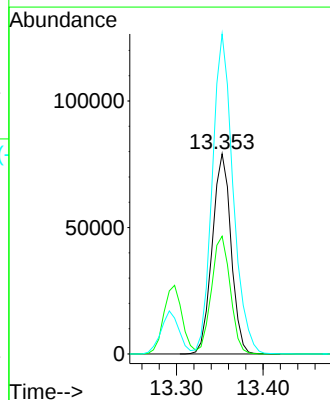
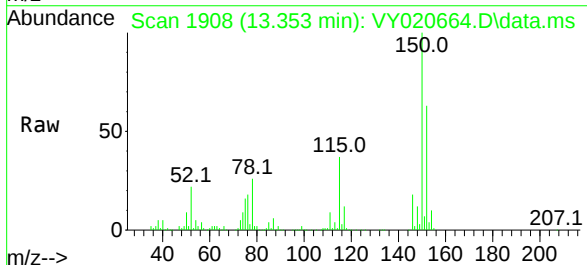
Tgt Ion:152 Resp: 119359

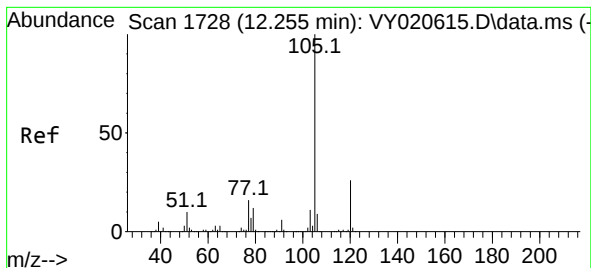
Ion Ratio Lower Upper

152 100

115 58.9 30.2 90.6

150 176.8 0.0 355.4





#73

Isopropylbenzene

Concen: 54.823 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

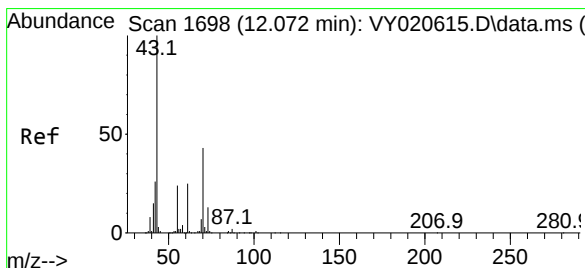
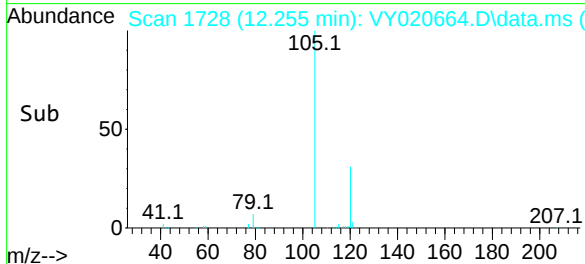
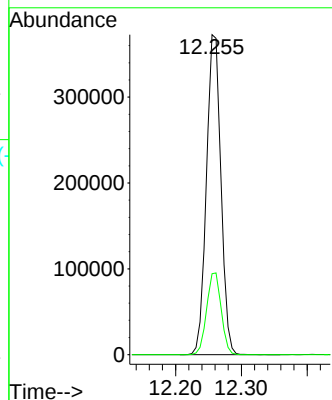
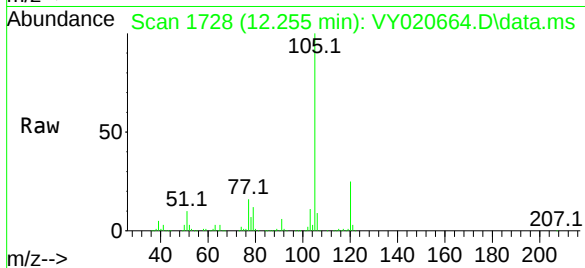
VSTDCCC050

Tgt Ion:105 Resp: 571028

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 52.048 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Tgt Ion: 43 Resp: 126874

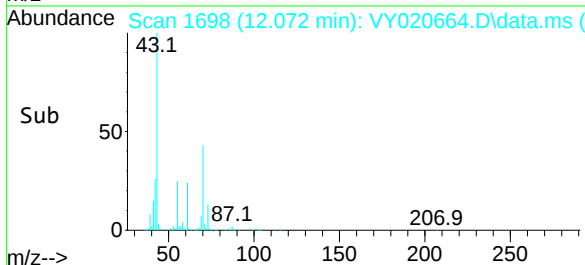
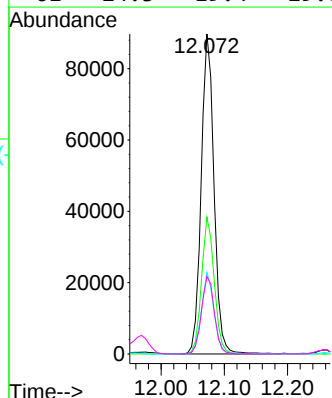
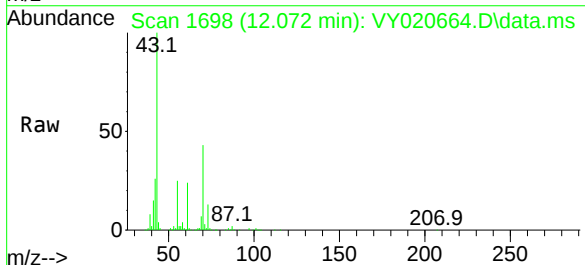
Ion Ratio Lower Upper

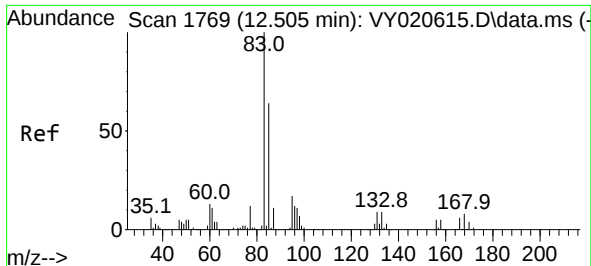
43 100

70 42.4 34.2 51.2

55 24.9 19.6 29.4

61 24.3 19.4 29.0

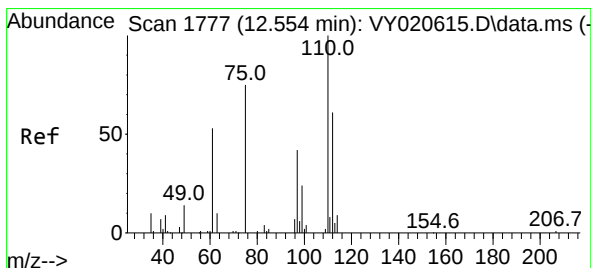
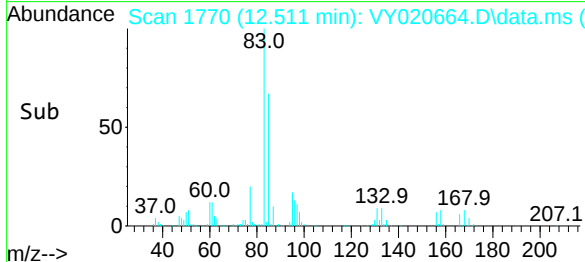
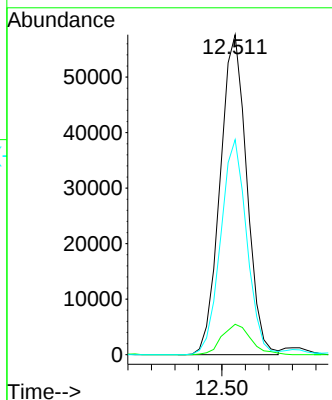
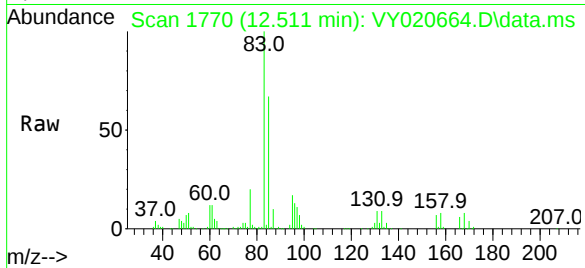




#75
1,1,2,2-Tetrachloroethane
Concen: 53.553 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

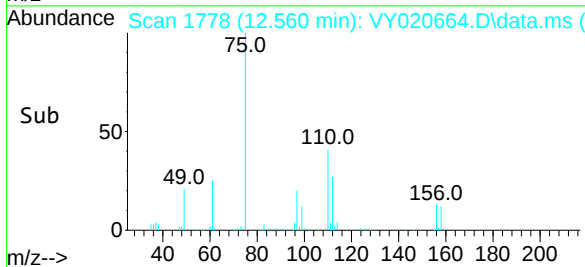
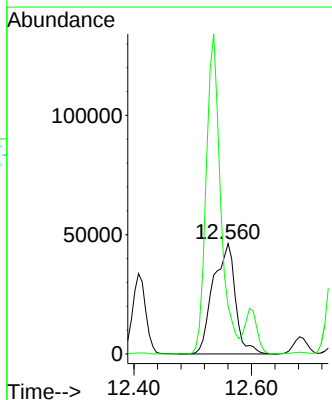
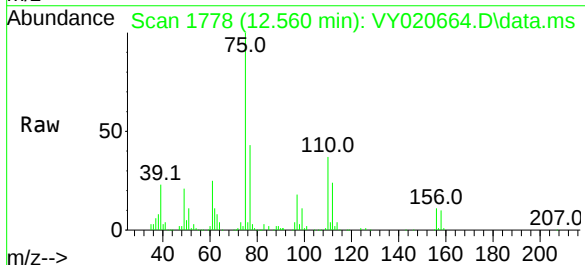
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

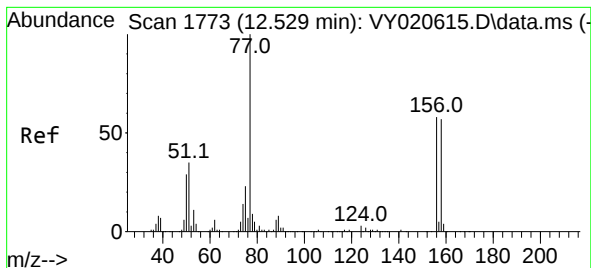
Tgt Ion: 83 Resp: 90544
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 66.2 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 98.083 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 75 Resp: 121614
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.559 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

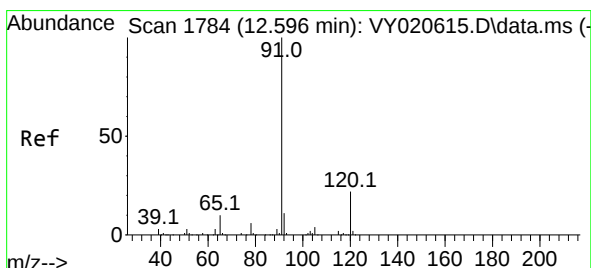
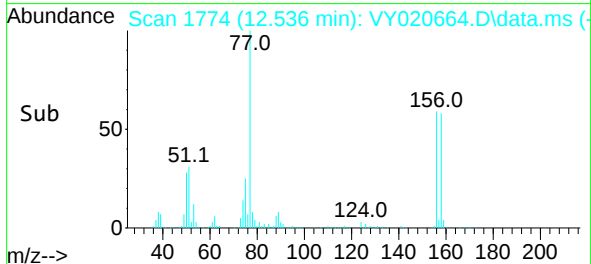
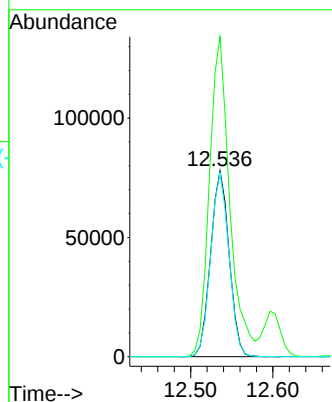
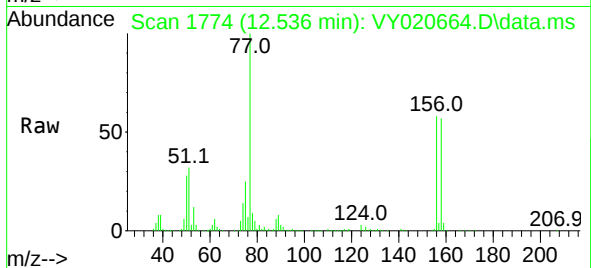
Tgt Ion:156 Resp: 121520

Ion Ratio Lower Upper

156 100

77 189.5 94.2 282.4

158 97.6 48.9 146.6



#78

n-propylbenzene

Concen: 55.107 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020664.D

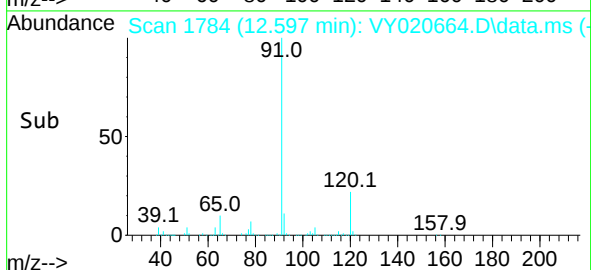
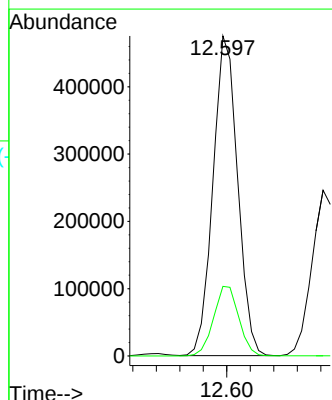
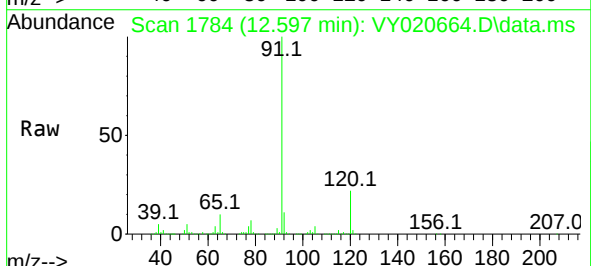
Acq: 20 Dec 2024 09:09

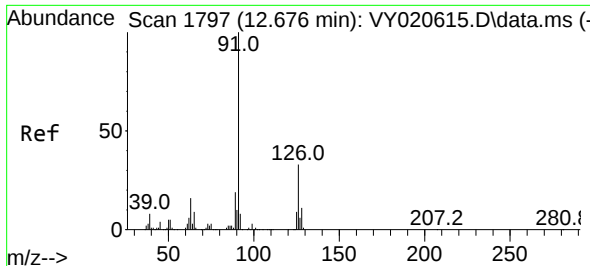
Tgt Ion: 91 Resp: 691545

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.1

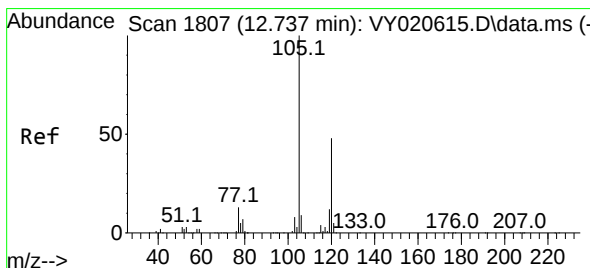
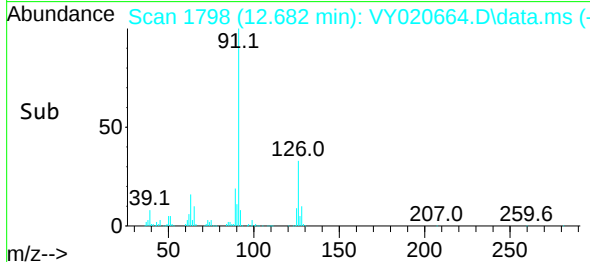
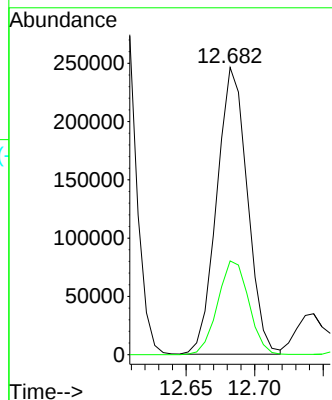
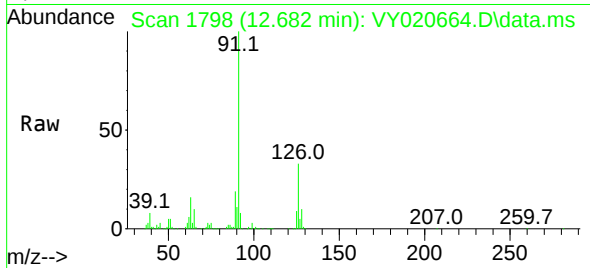




#79
2-Chlorotoluene
Concen: 54.188 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

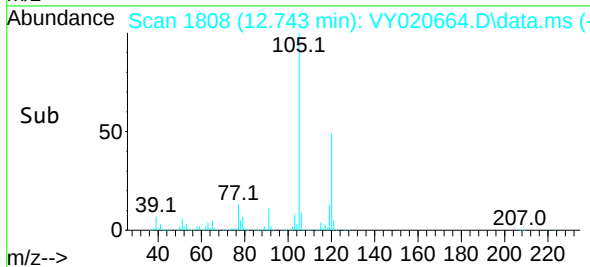
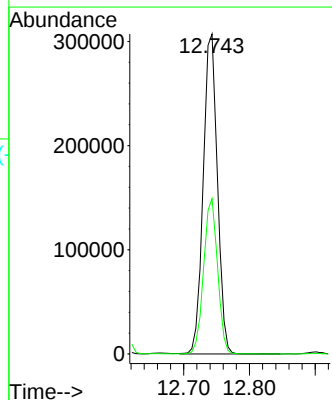
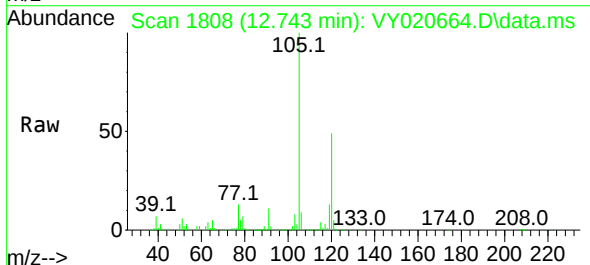
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

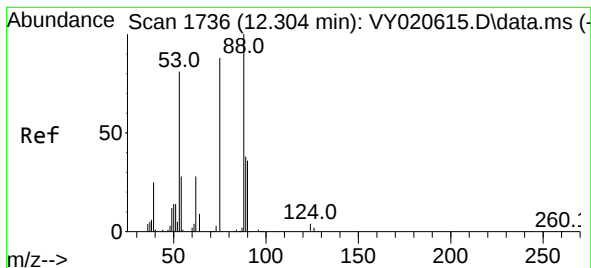
Tgt Ion: 91 Resp: 382585
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.473 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 105 Resp: 460381
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

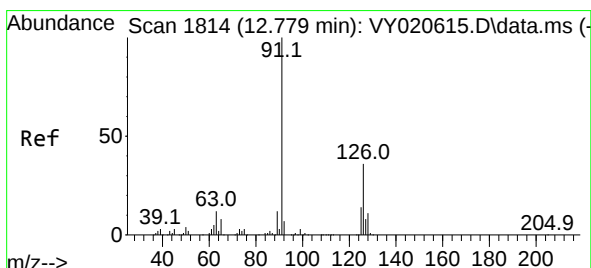
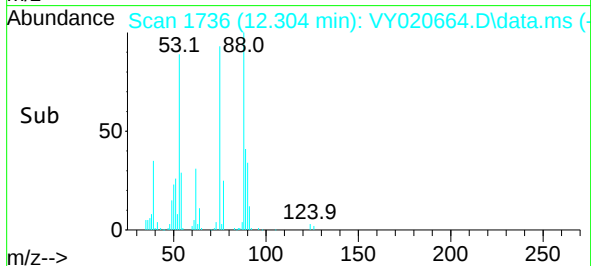
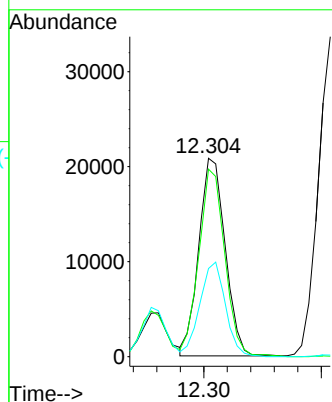
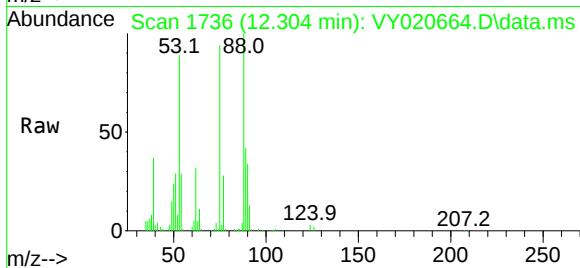




#81
trans-1,4-Dichloro-2-butene
Concen: 54.979 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

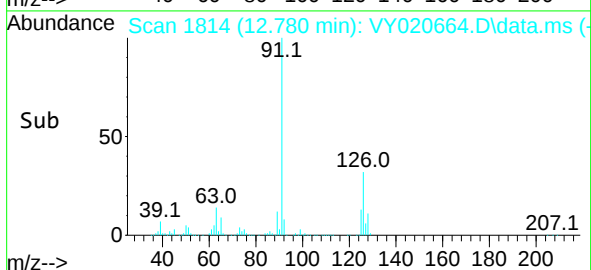
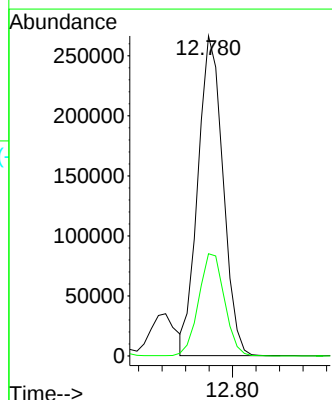
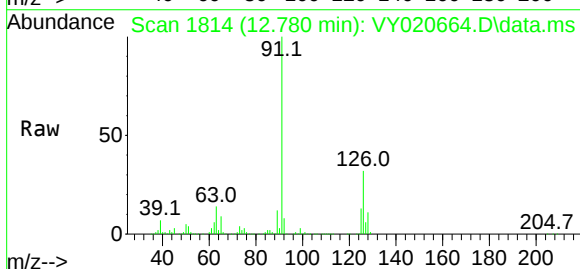
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

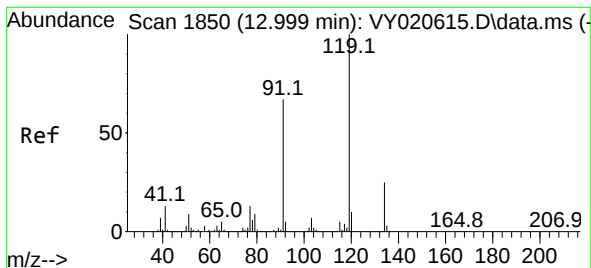
Tgt Ion: 75 Resp: 32476
Ion Ratio Lower Upper
75 100
53 93.7 75.4 113.2
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.864 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 91 Resp: 394546
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7





#83

tert-Butylbenzene

Concen: 55.644 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

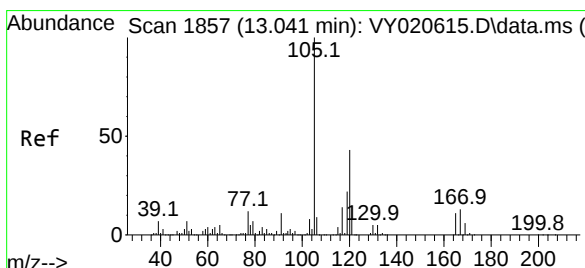
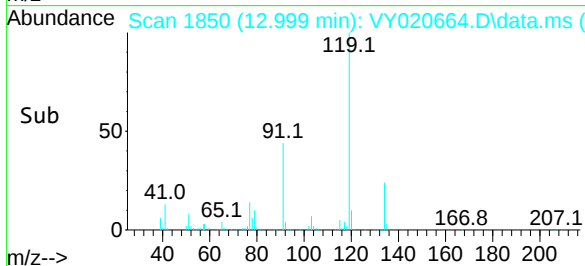
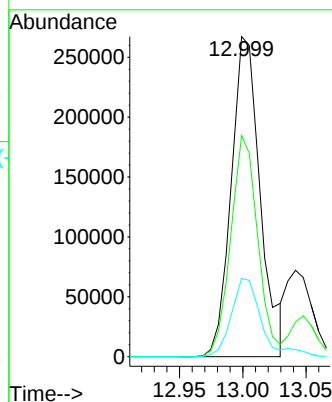
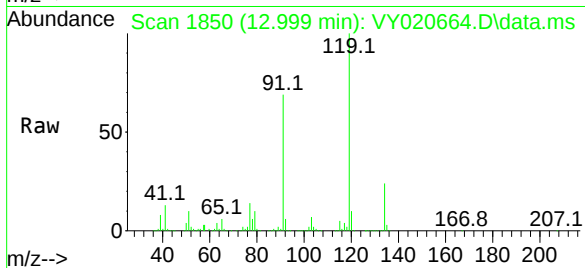
Tgt Ion:119 Resp: 425908

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 25.5 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 54.789 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020664.D

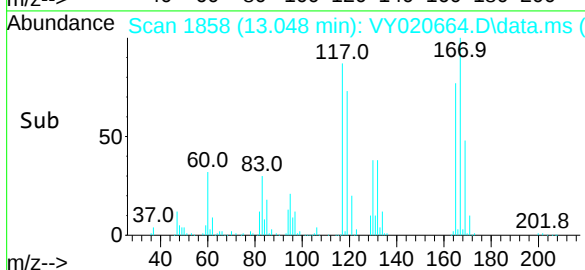
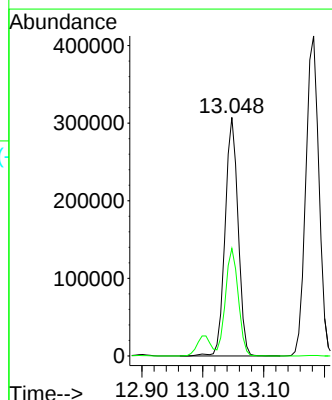
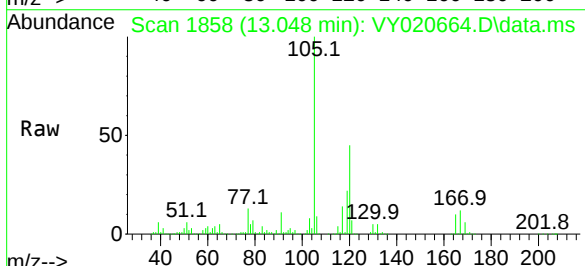
Acq: 20 Dec 2024 09:09

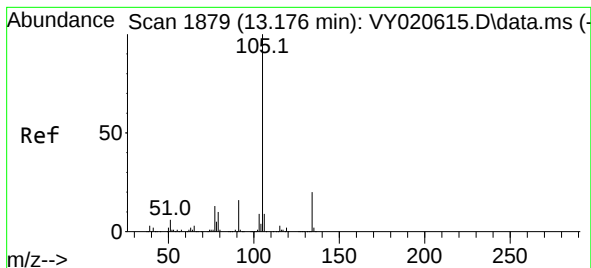
Tgt Ion:105 Resp: 454208

Ion Ratio Lower Upper

105 100

120 44.2 21.8 65.4





#85

sec-Butylbenzene

Concen: 55.289 ug/l

RT: 13.182 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

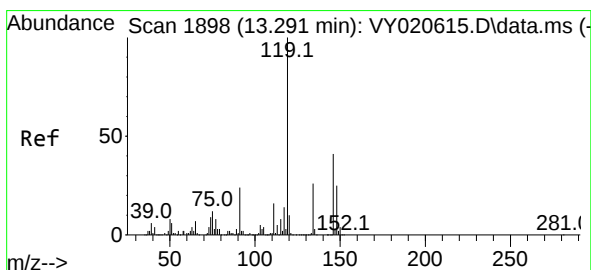
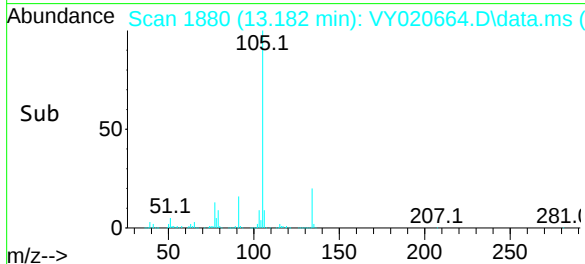
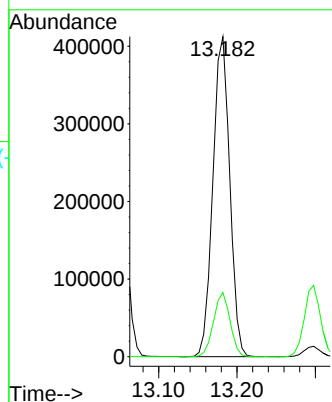
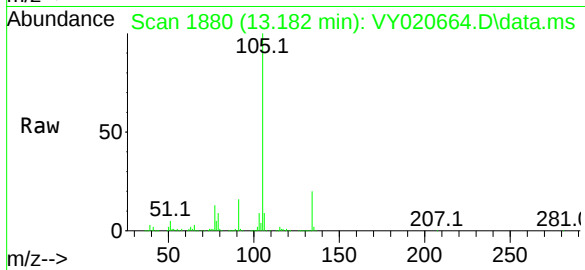
VSTDCCC050

Tgt Ion:105 Resp: 615306

Ion Ratio Lower Upper

105 100

134 19.6 10.0 30.0



#86

p-Isopropyltoluene

Concen: 55.299 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

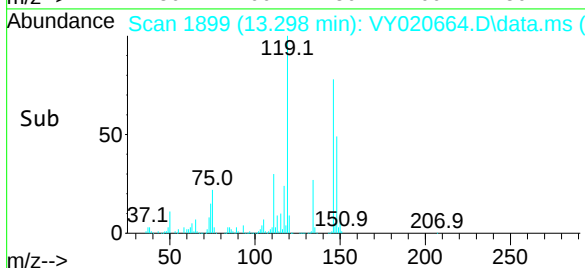
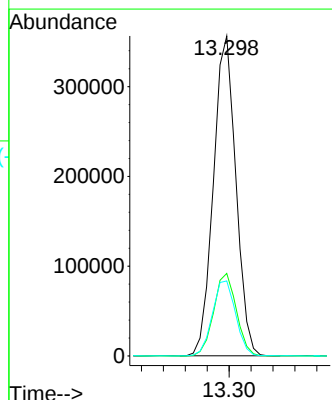
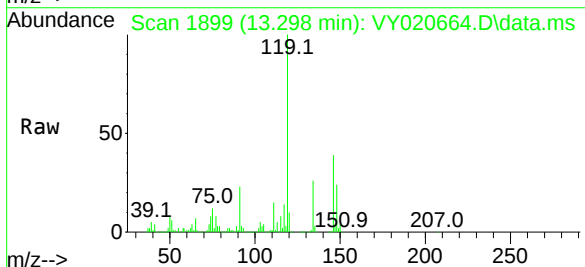
Tgt Ion:119 Resp: 507405

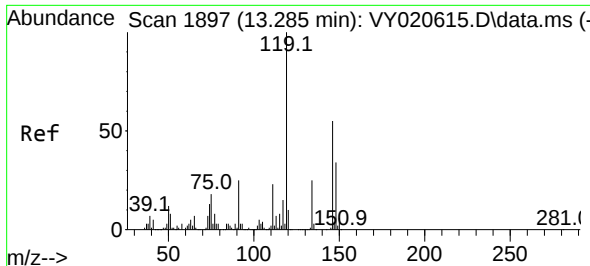
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.623 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

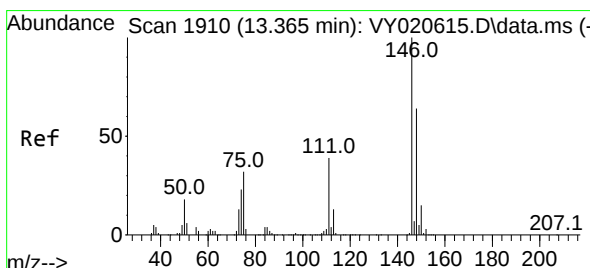
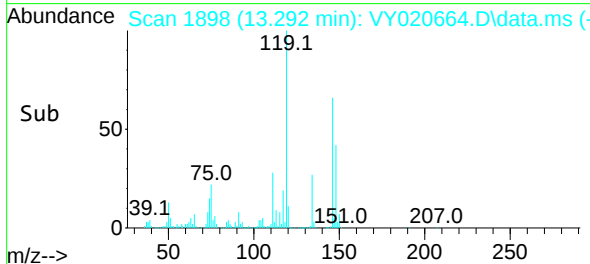
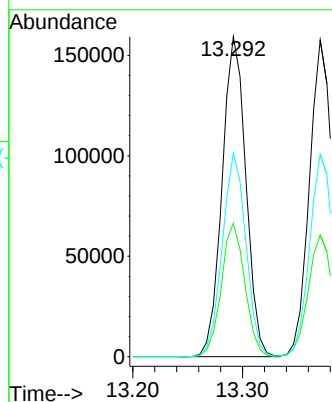
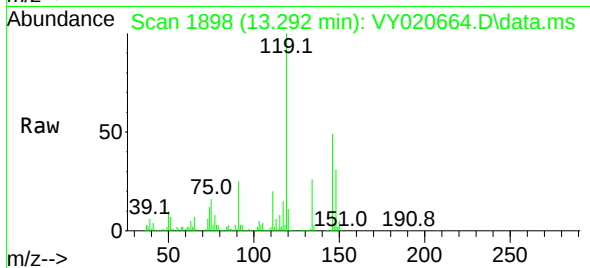
Tgt Ion:146 Resp: 240167

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 63.3 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 52.643 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

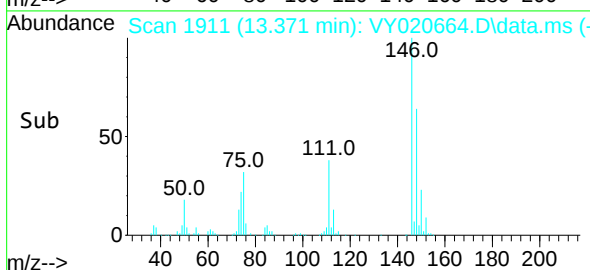
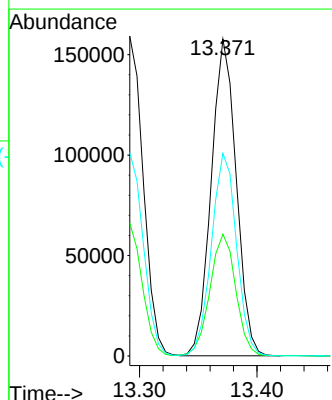
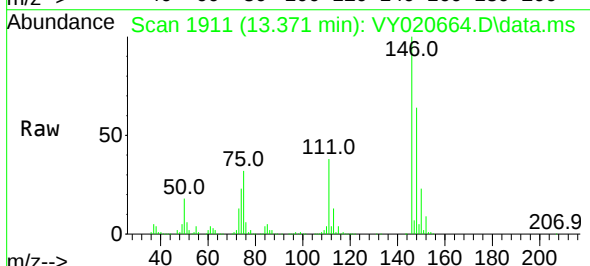
Tgt Ion:146 Resp: 233518

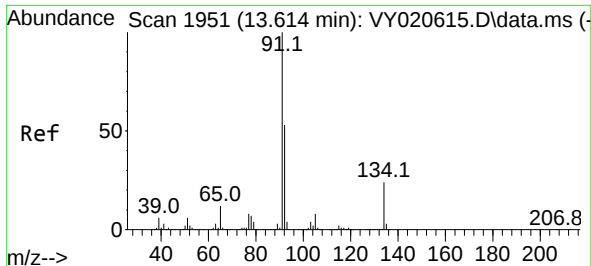
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 55.471 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

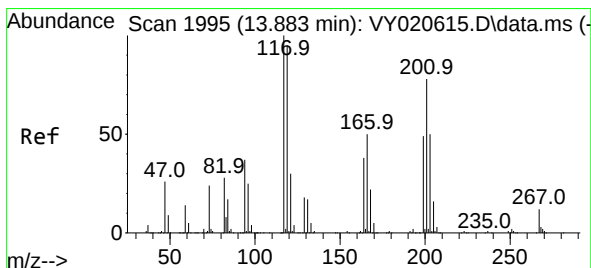
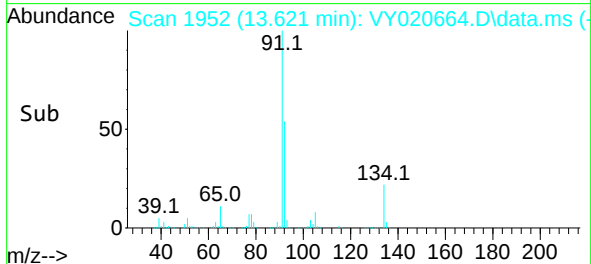
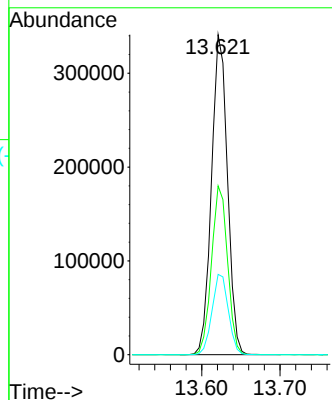
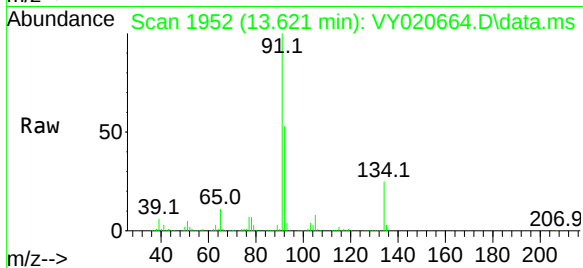
Tgt Ion: 91 Resp: 482377

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.4

134 25.6 12.5 37.5



#90

Hexachloroethane

Concen: 54.904 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020664.D

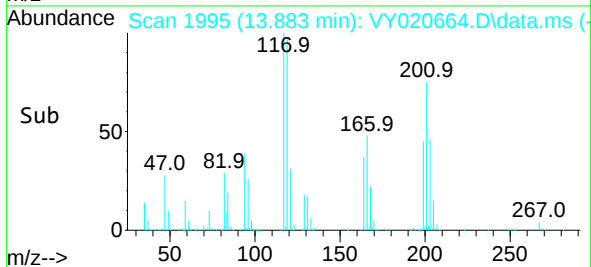
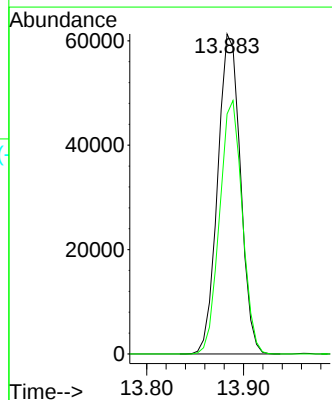
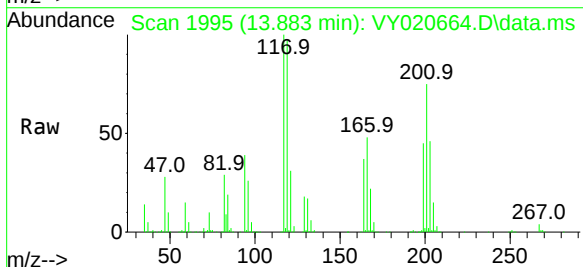
Acq: 20 Dec 2024 09:09

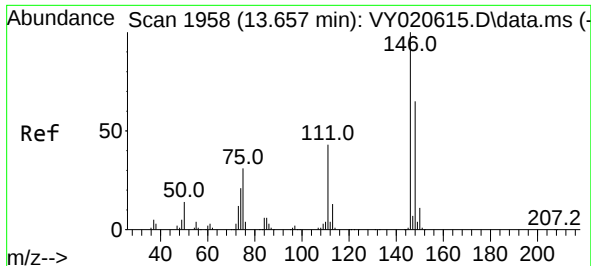
Tgt Ion: 117 Resp: 99835

Ion Ratio Lower Upper

117 100

201 78.8 39.1 117.3

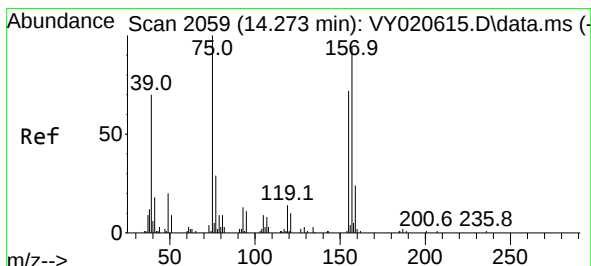
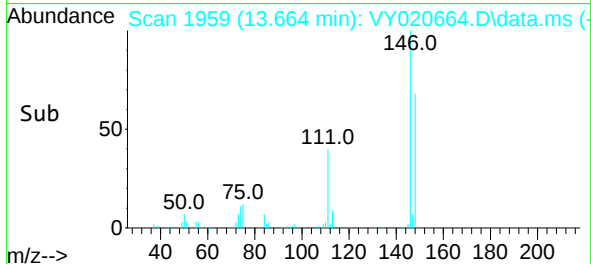
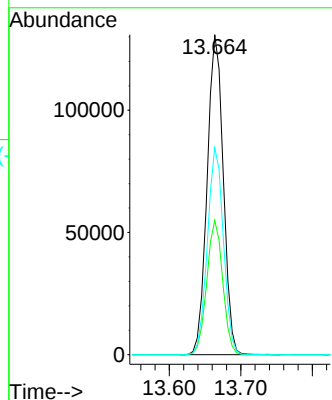
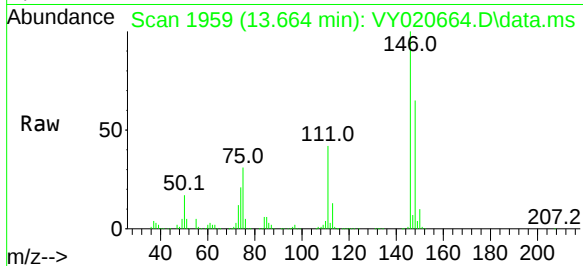




#91
1,2-Dichlorobenzene
Concen: 52.844 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

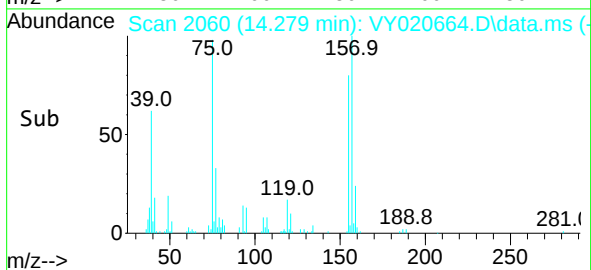
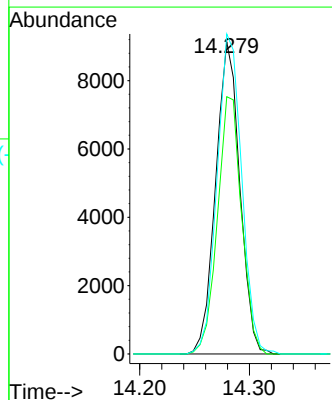
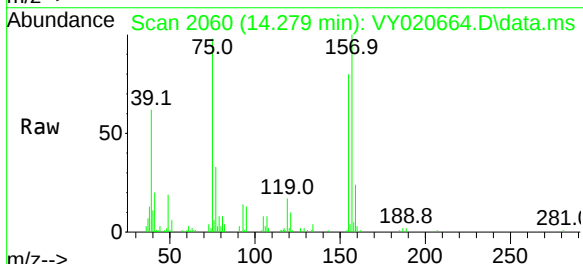
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

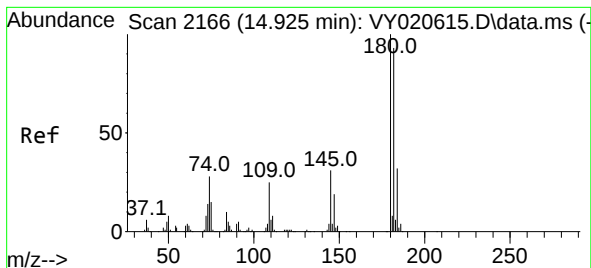
Tgt Ion:146 Resp: 205065
Ion Ratio Lower Upper
146 100
111 41.5 21.3 63.7
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.926 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020664.D
Acq: 20 Dec 2024 09:09

Tgt Ion: 75 Resp: 13979
Ion Ratio Lower Upper
75 100
155 82.4 41.1 123.3
157 104.5 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 51.603 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

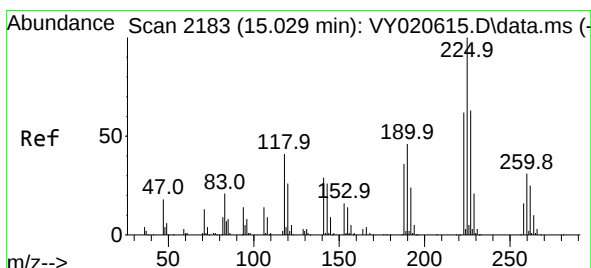
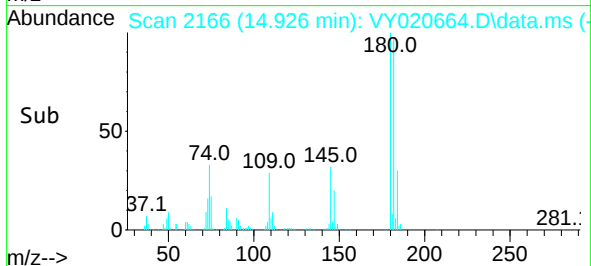
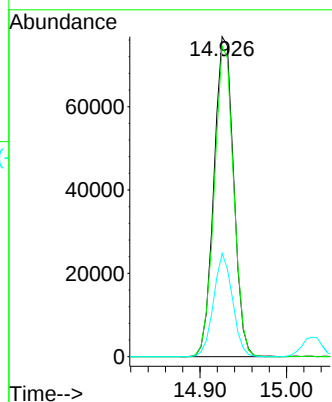
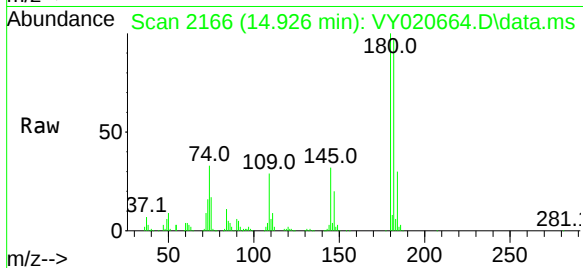
Tgt Ion:180 Resp: 121126

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 31.0 15.6 46.7



#94

Hexachlorobutadiene

Concen: 54.285 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

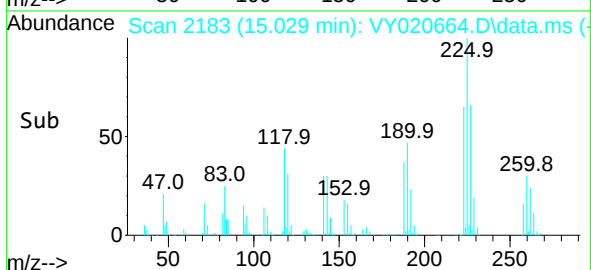
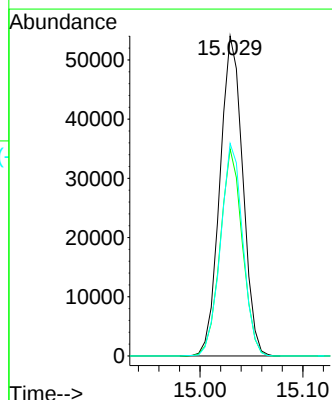
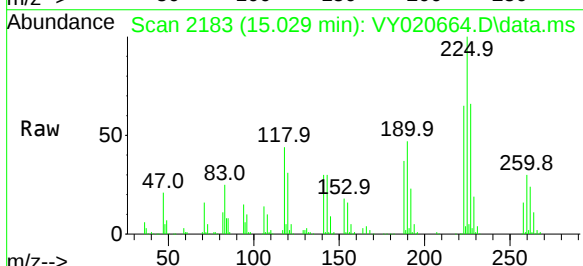
Tgt Ion:225 Resp: 83298

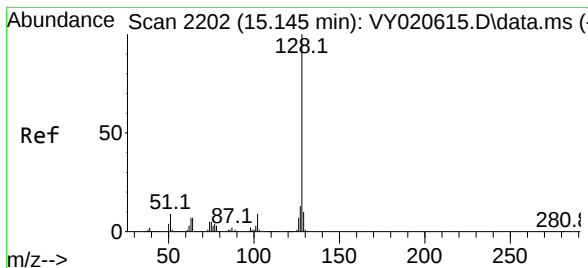
Ion Ratio Lower Upper

225 100

223 62.9 31.8 95.3

227 64.6 32.2 96.6





#95

Naphthalene

Concen: 50.926 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

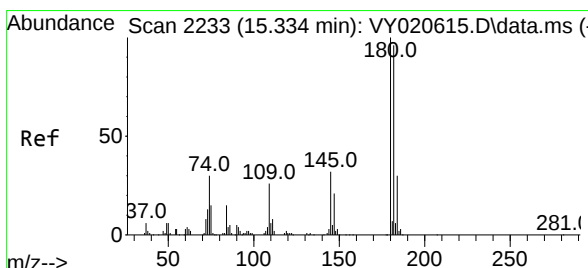
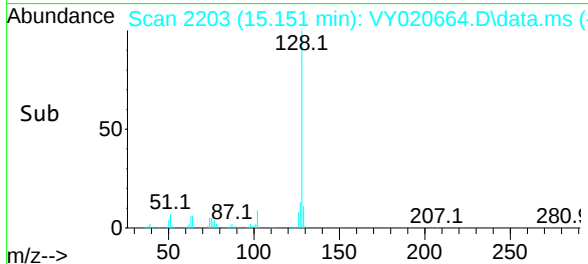
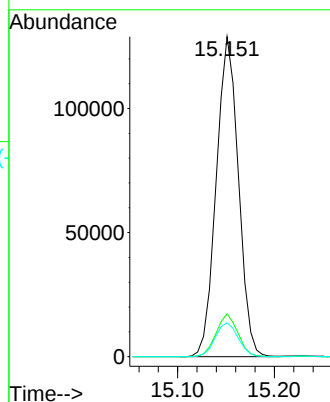
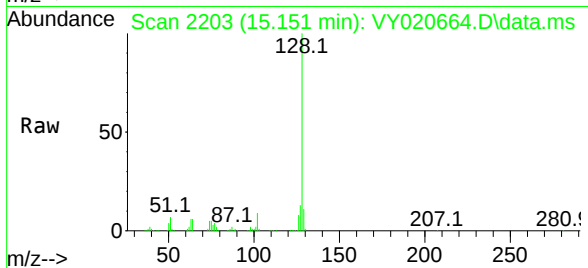
Tgt Ion:128 Resp: 204937

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 50.866 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020664.D

Acq: 20 Dec 2024 09:09

Tgt Ion:180 Resp: 100879

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 32.7 16.0 48.0

