

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020682.D
 Acq On : 20 Dec 2024 19:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 22:04:30 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	7.707	168	143833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	225180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	204671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67912	43.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.220%
35) Dibromofluoromethane	7.634	113	70081	44.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.320%
50) Toluene-d8	10.103	98	236316	42.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.080%
62) 4-Bromofluorobenzene	12.408	95	91351	42.042	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81747	45.502	ug/l	95
3) Chloromethane	2.068	50	58949	44.285	ug/l	95
4) Vinyl Chloride	2.202	62	37701	30.430	ug/l	97
5) Bromomethane	2.598	94	27270	34.241	ug/l	96
6) Chloroethane	2.733	64	23852	31.154	ug/l	98
7) Trichlorofluoromethane	3.062	101	97429	37.582	ug/l	98
8) Diethyl Ether	3.458	74	38091	41.896	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	72820	39.189	ug/l	100
10) Methyl Iodide	4.007	142	89063	43.050	ug/l	99
11) Tert butyl alcohol	4.866	59	36300	213.879	ug/l	100
12) 1,1-Dichloroethene	3.787	96	71932	39.896	ug/l	95
13) Acrolein	3.653	56	10852	145.691	ug/l	100
14) Allyl chloride	4.385	41	138460	43.827	ug/l	98
15) Acrylonitrile	5.061	53	114092	262.307	ug/l	98
16) Acetone	3.873	43	62589	198.675	ug/l	99
17) Carbon Disulfide	4.104	76	240927	41.052	ug/l	99
18) Methyl Acetate	4.385	43	49816	46.480	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	242425	52.095	ug/l	98
20) Methylene Chloride	4.616	84	94785	48.394	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	102508	50.685	ug/l	94
22) Diisopropyl ether	6.025	45	337414	52.616	ug/l	99
23) Vinyl Acetate	5.964	43	967217	266.302	ug/l	100
24) 1,1-Dichloroethane	5.921	63	196407	52.280	ug/l	99
25) 2-Butanone	6.896	43	145082	247.823	ug/l	97
26) 2,2-Dichloropropane	6.890	77	162135	45.653	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	120298	51.699	ug/l	98
28) Bromochloromethane	7.244	49	82386	65.015	ug/l	99
29) Tetrahydrofuran	7.262	42	99121	268.209	ug/l	99
30) Chloroform	7.421	83	204738	54.780	ug/l	97
31) Cyclohexane	7.701	56	159093	44.289	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	173221	50.188	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140911	48.693	ug/l	99
37) Ethyl Acetate	6.988	43	68879	50.601	ug/l	99
38) Carbon Tetrachloride	7.817	117	155919	48.699	ug/l	98
39) Methylcyclohexane	9.109	83	165792	43.957	ug/l	95
40) Benzene	8.079	78	429017	50.578	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	35040	48.692	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	116059	51.589	ug/l	99
43) Isopropyl Acetate	8.195	43	132653	51.476	ug/l #	87
44) Trichloroethene	8.866	130	104350	50.065	ug/l	97
45) 1,2-Dichloropropane	9.140	63	102993	51.953	ug/l	97
46) Dibromomethane	9.231	93	55249	52.734	ug/l	100
47) Bromodichloromethane	9.420	83	148983	52.643	ug/l	99
48) Methyl methacrylate	9.219	41	64336	52.516	ug/l	99
49) 1,4-Dioxane	9.231	88	12848	1069.318	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	347100	255.175	ug/l	100
52) Toluene	10.170	92	269709	51.164	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	137082	51.983	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	161185	51.582	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72252	52.160	ug/l	94
56) Ethyl methacrylate	10.438	69	106862	53.177	ug/l	98
57) 1,3-Dichloropropane	10.719	76	129720	52.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	269274	318.460	ug/l	100
59) 2-Hexanone	10.762	43	232450	266.163	ug/l	100
60) Dibromochloromethane	10.908	129	98561	53.204	ug/l	99
61) 1,2-Dibromoethane	11.012	107	67268	52.208	ug/l	99
64) Tetrachloroethene	10.646	164	90723	47.125	ug/l	94
65) Chlorobenzene	11.444	112	288406	50.396	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	100036	51.120	ug/l	99
67) Ethyl Benzene	11.518	91	520329	49.283	ug/l	99
68) m/p-Xylenes	11.627	106	386215	98.385	ug/l	99
69) o-Xylene	11.957	106	182369	49.791	ug/l	99
70) Styrene	11.969	104	308084	50.345	ug/l	99
71) Bromoform	12.133	173	57006	51.813	ug/l #	99
73) Isopropylbenzene	12.255	105	488221	47.402	ug/l	99
74) N-amyl acetate	12.072	43	119742	49.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	85524	51.155	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	110281	89.947	ug/l #	100
77) Bromobenzene	12.530	156	111242	49.582	ug/l	99
78) n-propylbenzene	12.597	91	585185	47.158	ug/l	99
79) 2-Chlorotoluene	12.682	91	337195	48.298	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	398582	47.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	29107	49.831	ug/l	99
82) 4-Chlorotoluene	12.780	91	346496	47.838	ug/l	99
83) tert-Butylbenzene	12.999	119	356447	47.095	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	393582	48.012	ug/l	99
85) sec-Butylbenzene	13.176	105	510662	46.404	ug/l	100
86) p-Isopropyltoluene	13.292	119	429462	47.333	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	212764	48.040	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	210538	47.998	ug/l	100
89) n-Butylbenzene	13.621	91	403246	46.895	ug/l	99
90) Hexachloroethane	13.883	117	86293	47.992	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	187168	48.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12831	47.271	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	111082	47.858	ug/l	99
94) Hexachlorobutadiene	15.029	225	73289	48.301	ug/l	98
95) Naphthalene	15.145	128	201284	50.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	95931	48.917	ug/l	99

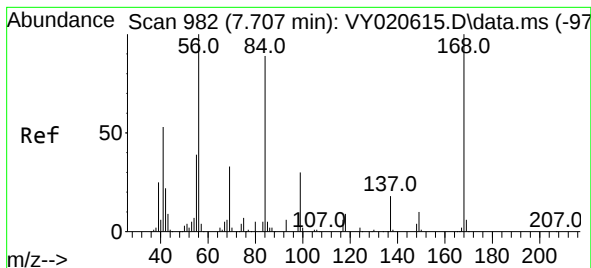
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020682.D

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Instrument :

MSVOA_Y

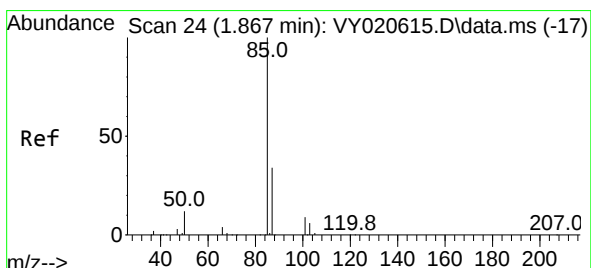
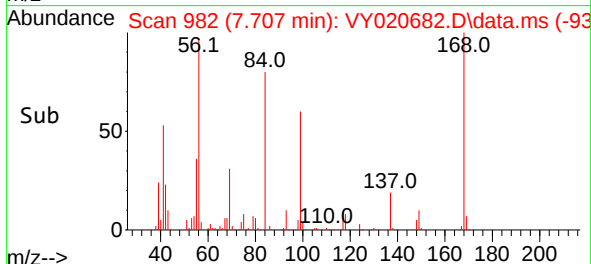
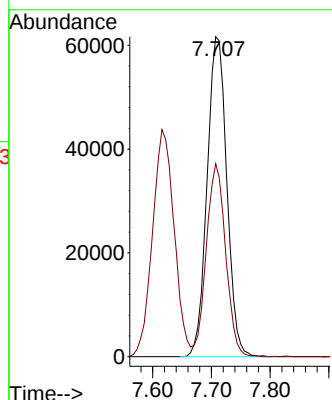
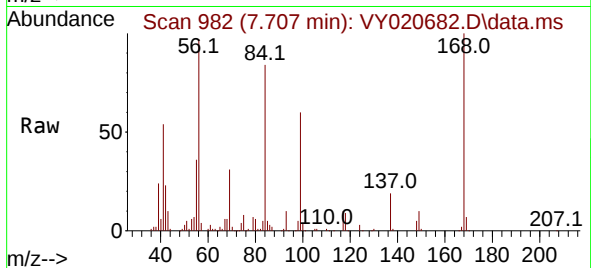
ClientSampleId :

Tgt Ion:168 Resp: 143833

Ion Ratio Lower Upper

168 100

99 60.3 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 45.502 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY020682.D

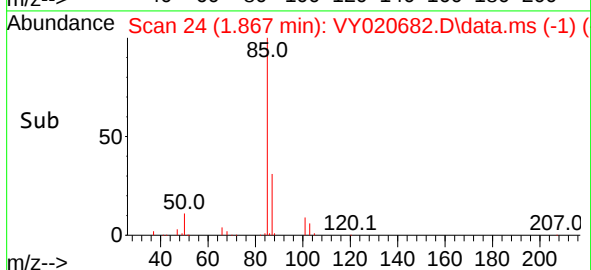
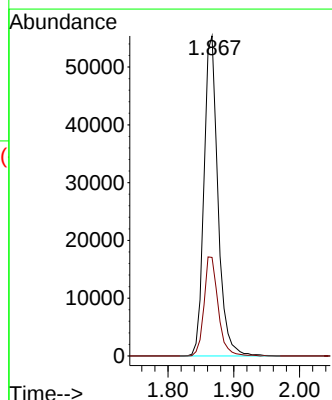
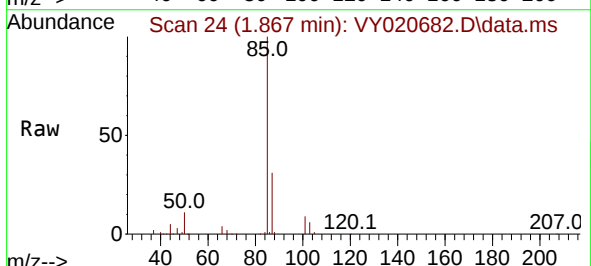
Acq: 20 Dec 2024 19:35

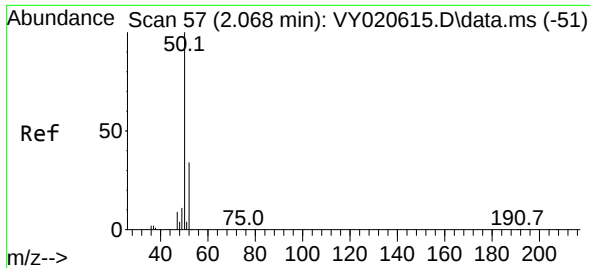
Tgt Ion: 85 Resp: 81747

Ion Ratio Lower Upper

85 100

87 30.8 16.8 50.3

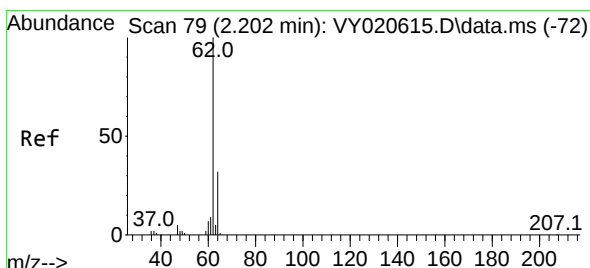
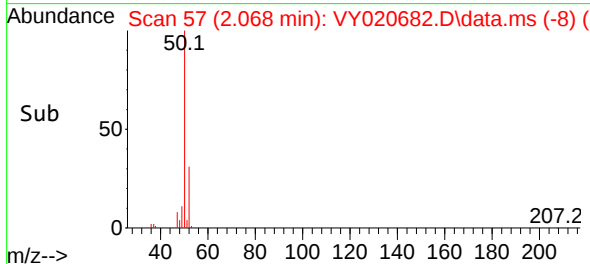
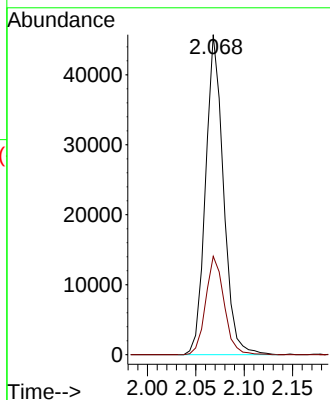
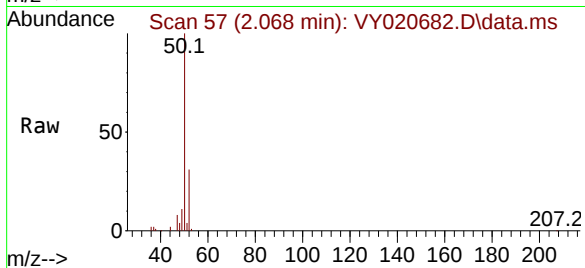




#3
Chloromethane
Concen: 44.285 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

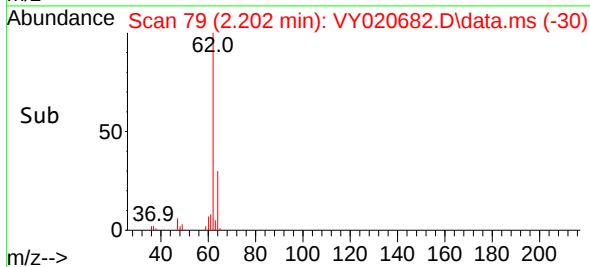
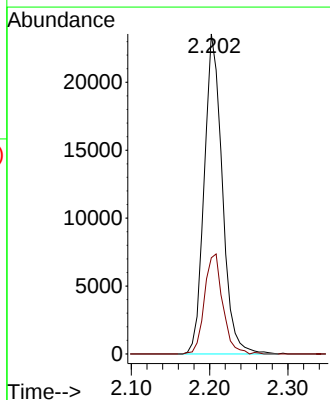
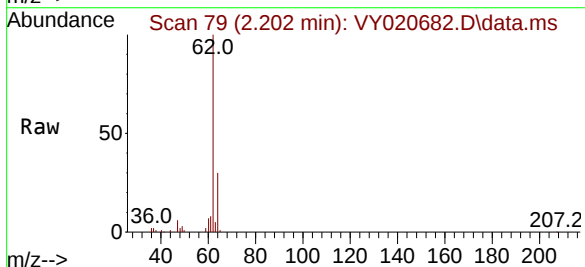
Instrument :
MSVOA_Y
ClientSampleId :

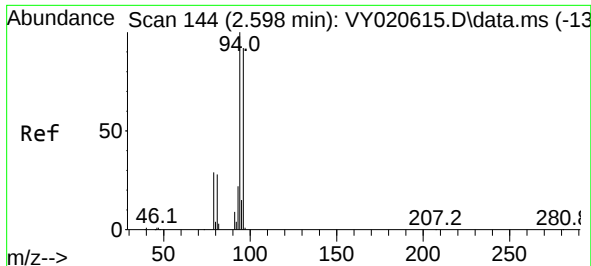
Tgt Ion: 50 Resp: 58949
Ion Ratio Lower Upper
50 100
52 30.8 26.8 40.2



#4
Vinyl Chloride
Concen: 30.430 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 62 Resp: 37701
Ion Ratio Lower Upper
62 100
64 30.1 25.3 37.9

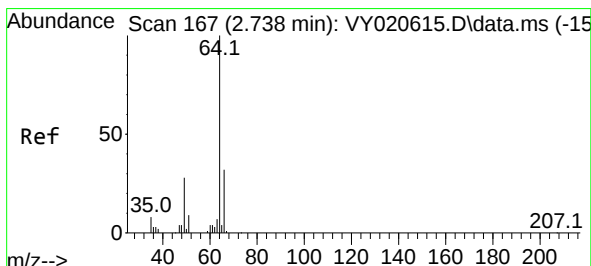
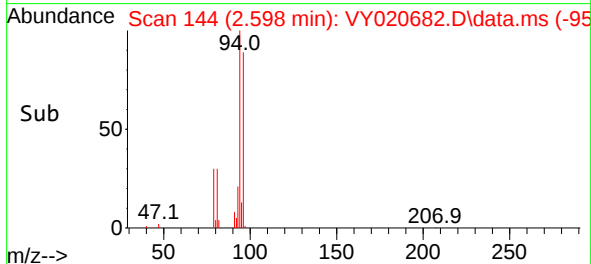
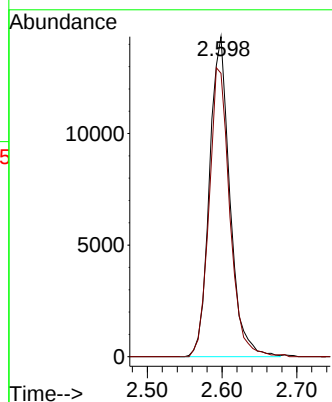
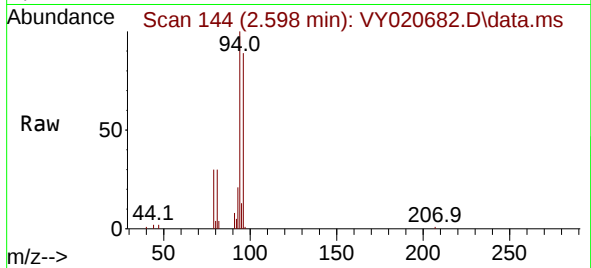




#5
Bromomethane
Concen: 34.241 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

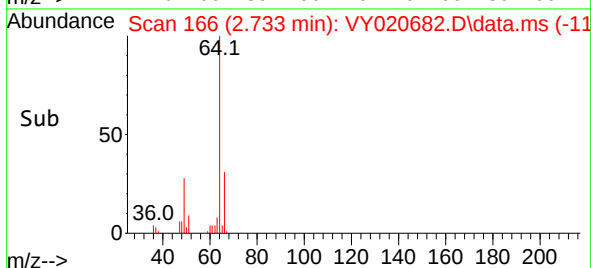
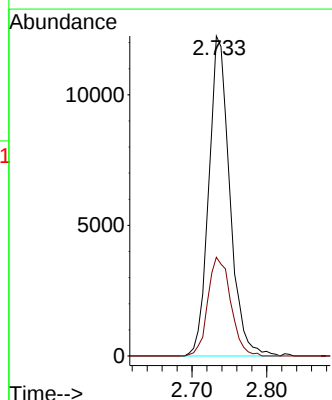
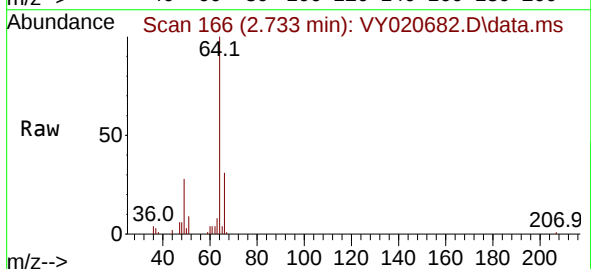
Instrument :
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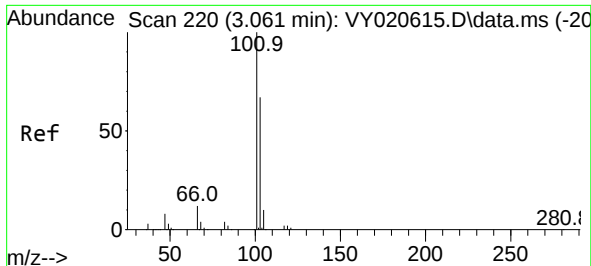
Tgt Ion: 94 Resp: 27270
Ion Ratio Lower Upper
94 100
96 88.6 73.8 110.6



#6
Chloroethane
Concen: 31.154 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 64 Resp: 23852
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.6

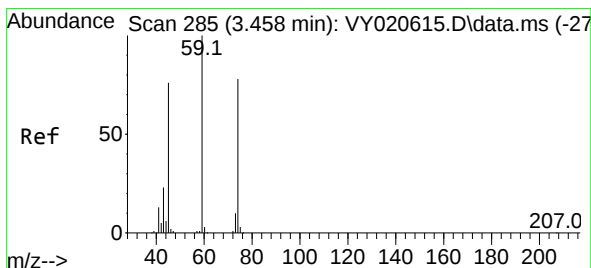
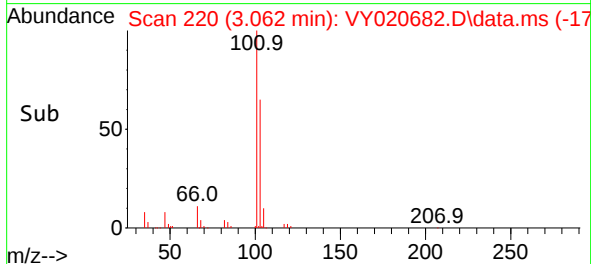
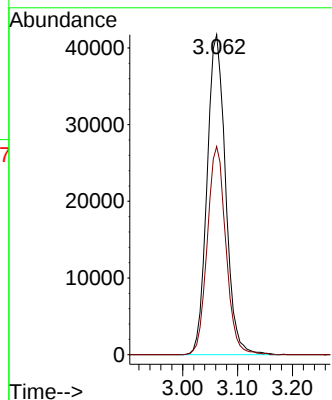
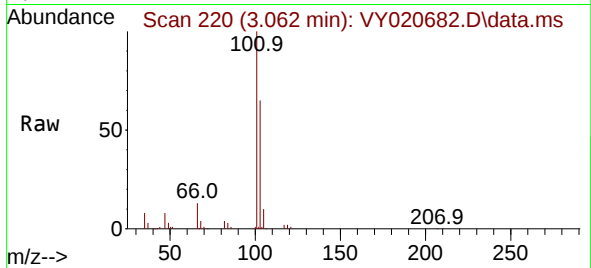




#7
Trichlorofluoromethane
Concen: 37.582 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020682.D
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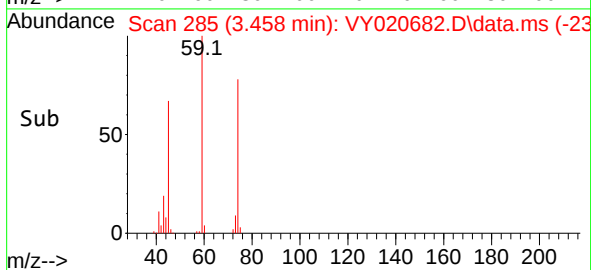
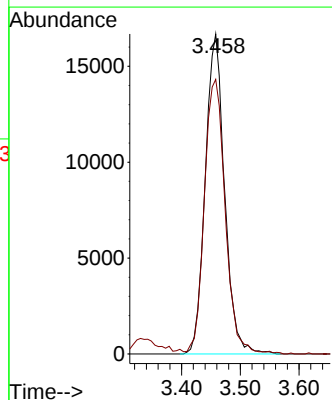
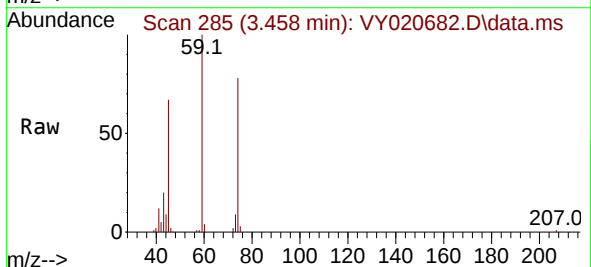
Instrument :
MSVOA_Y
ClientSampleId :

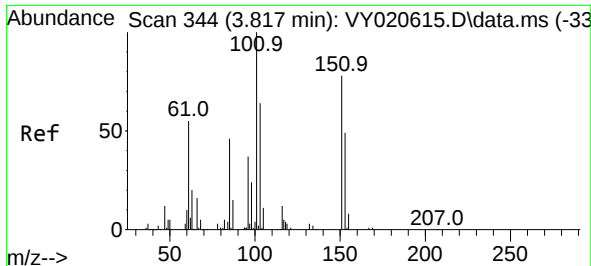
Tgt Ion:101 Resp: 97429
Ion Ratio Lower Upper
101 100
103 65.0 53.4 80.0



#8
Diethyl Ether
Concen: 41.896 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 74 Resp: 38091
Ion Ratio Lower Upper
74 100
45 93.0 49.0 147.2

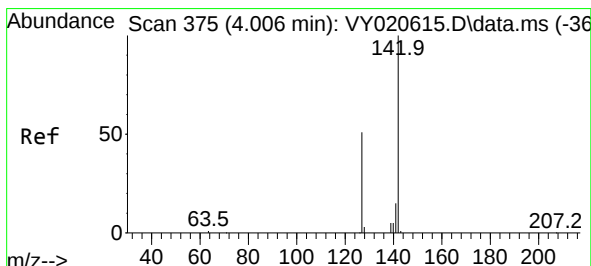
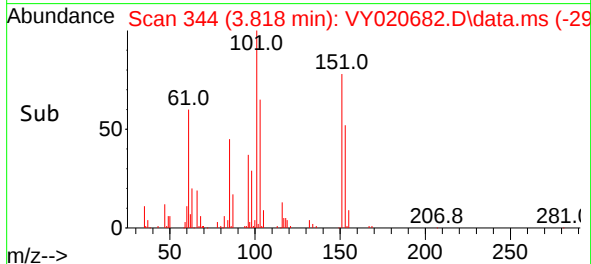
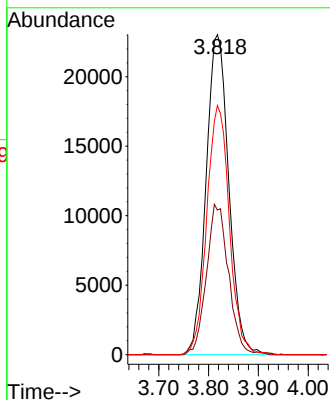
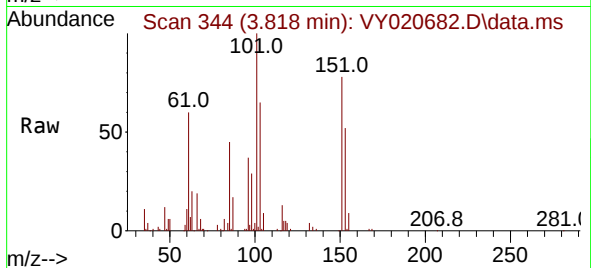




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.189 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

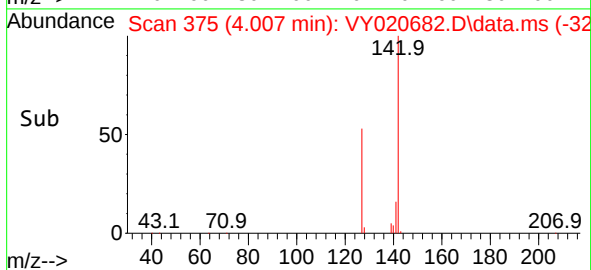
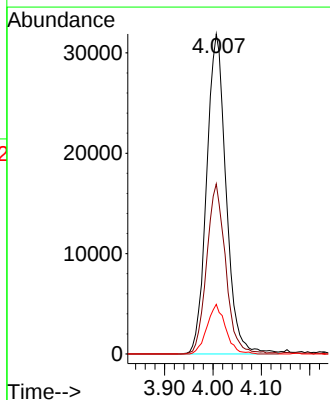
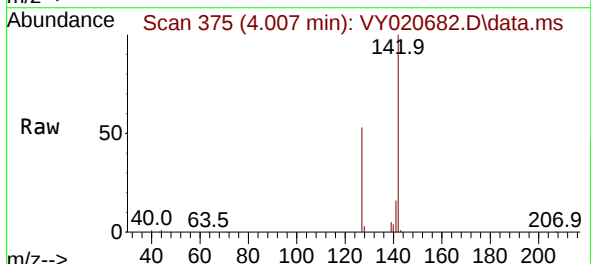
Instrument :
MSVOA_Y
ClientSampleId :

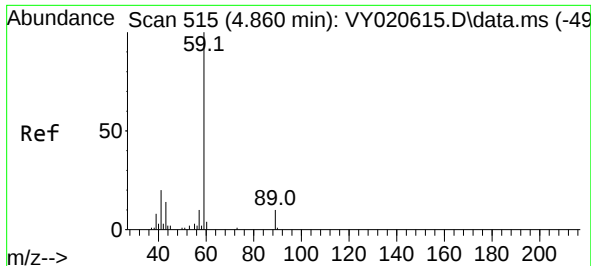
Tgt Ion:101 Resp: 72820
Ion Ratio Lower Upper
101 100
85 45.8 36.6 54.8
151 77.5 61.5 92.3



#10
Methyl Iodide
Concen: 43.050 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion:142 Resp: 89063
Ion Ratio Lower Upper
142 100
127 51.8 40.6 61.0
141 14.8 11.7 17.5

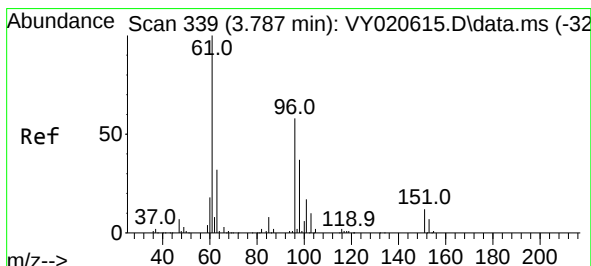
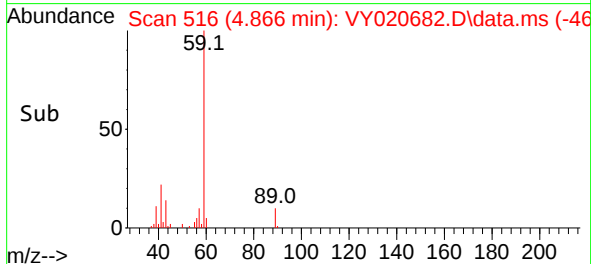
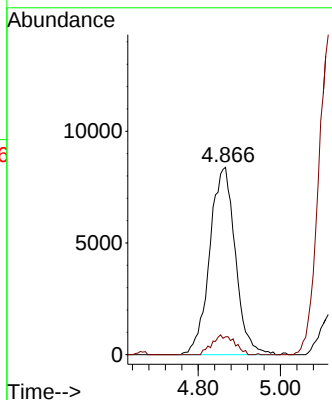
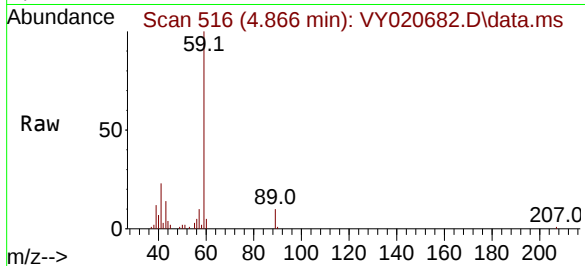




#11
Tert butyl alcohol
Concen: 213.879 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

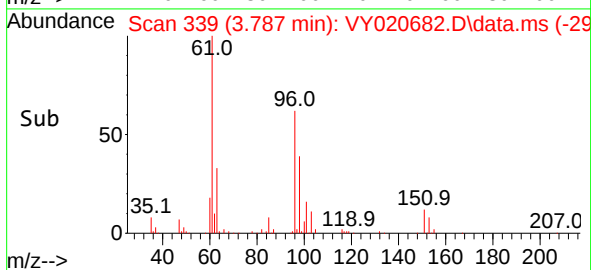
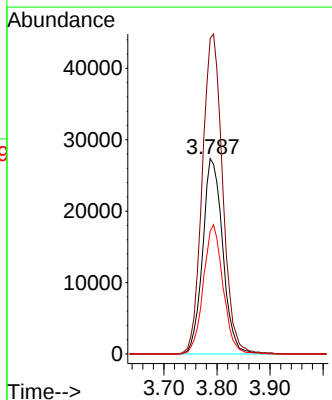
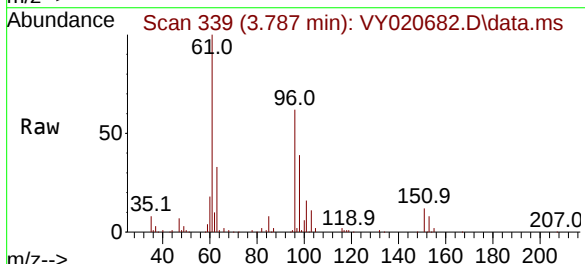
Instrument :
MSVOA_Y
ClientSampleId :

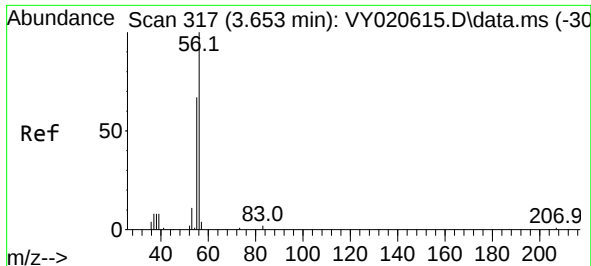
Tgt Ion: 59 Resp: 36300
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 39.896 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 96 Resp: 71932
Ion Ratio Lower Upper
96 100
61 161.5 136.9 205.3
98 63.0 50.2 75.4

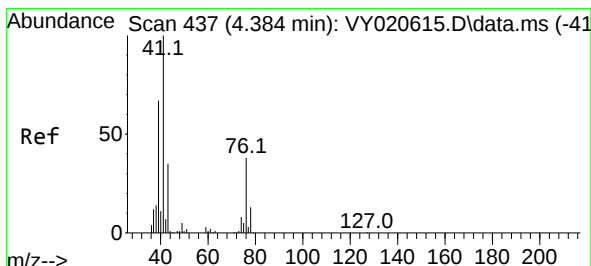
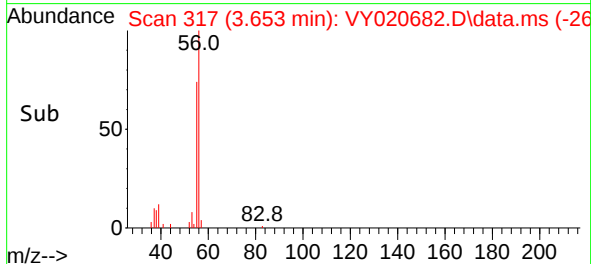
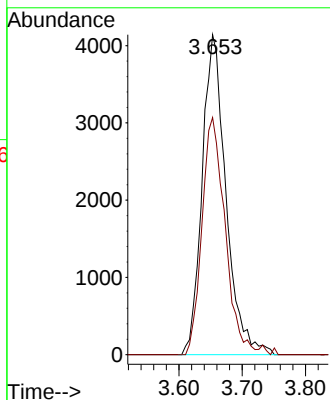
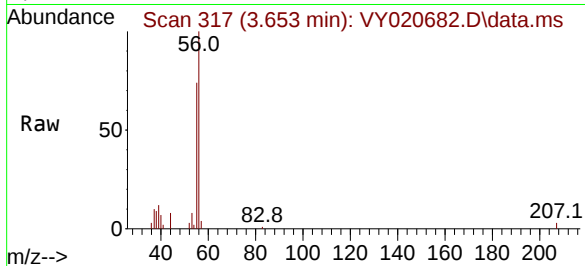




#13
Acrolein
Concen: 145.691 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

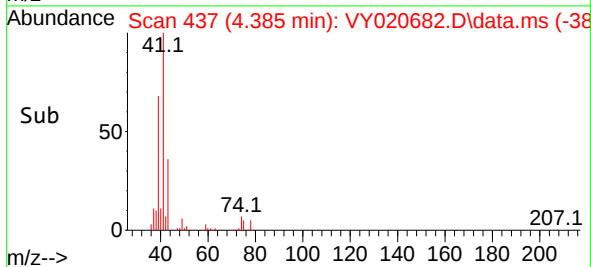
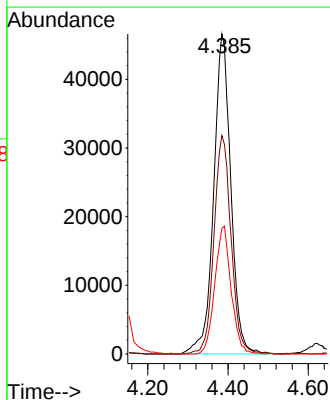
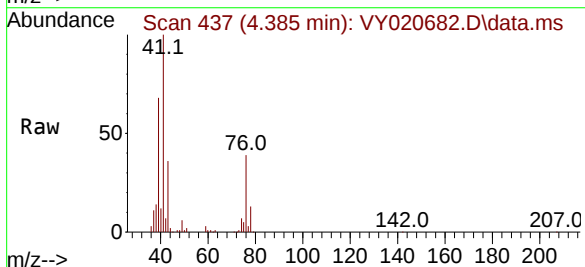
Instrument :
MSVOA_Y
ClientSampleId :

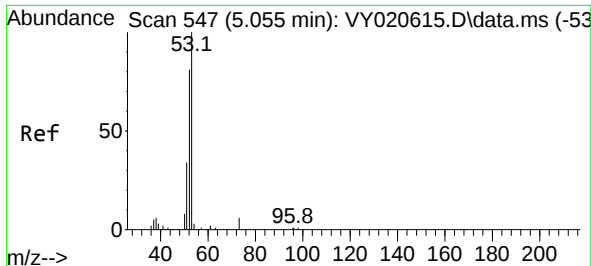
Tgt Ion: 56 Resp: 10852
Ion Ratio Lower Upper
56 100
55 71.7 57.5 86.3



#14
Allyl chloride
Concen: 43.827 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

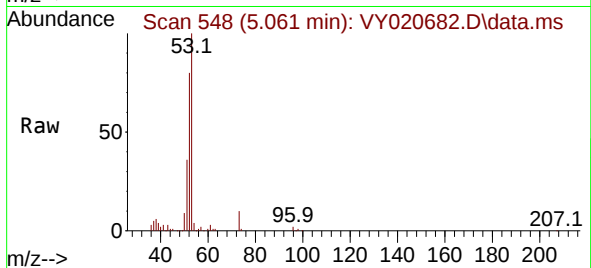
Tgt Ion: 41 Resp: 138460
Ion Ratio Lower Upper
41 100
39 68.0 53.0 79.4
76 38.0 29.5 44.3



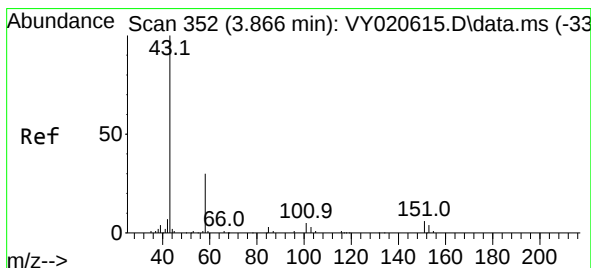
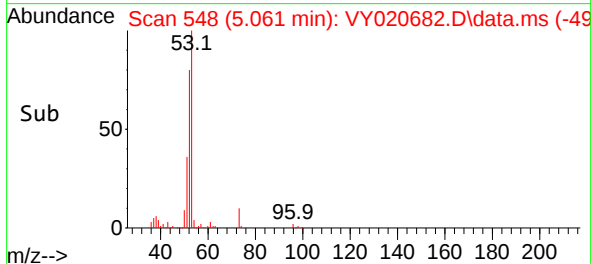
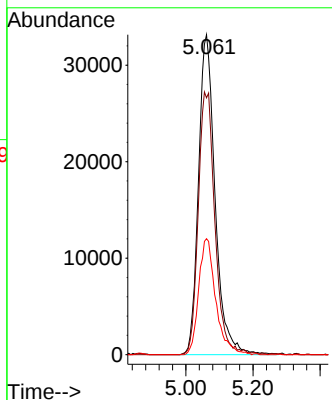


#15
Acrylonitrile
Concen: 262.307 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Instrument :
MSVOA_Y
ClientSampleId :

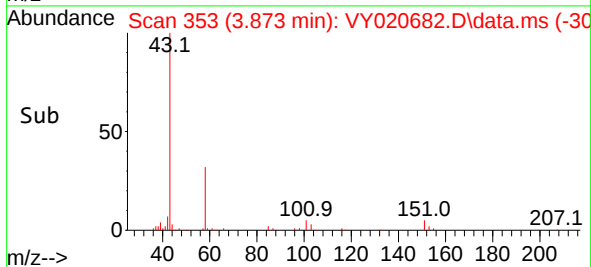
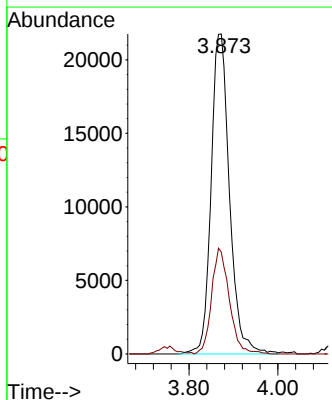
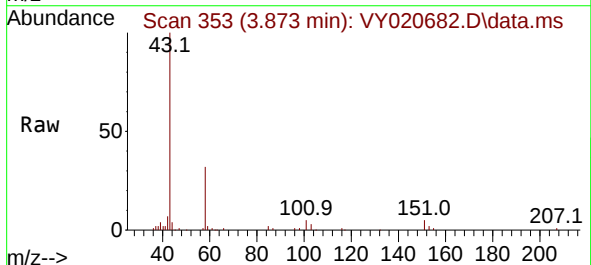


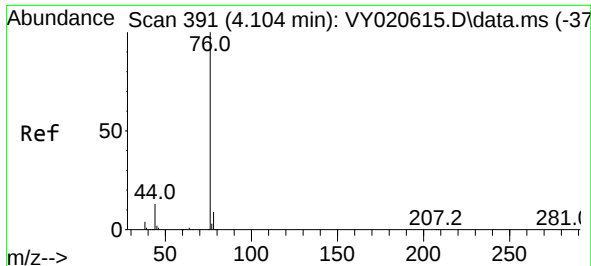
Tgt Ion: 53 Resp: 114092
Ion Ratio Lower Upper
53 100
52 82.5 64.5 96.7
51 37.2 29.4 44.0



#16
Acetone
Concen: 198.675 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 43 Resp: 62589
Ion Ratio Lower Upper
43 100
58 31.8 25.0 37.6

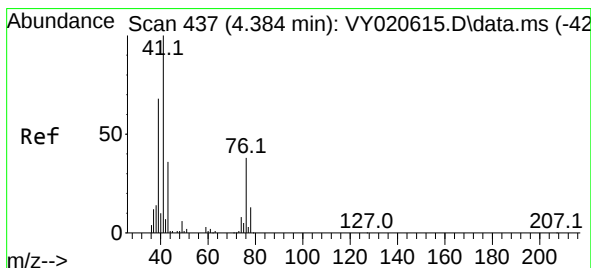
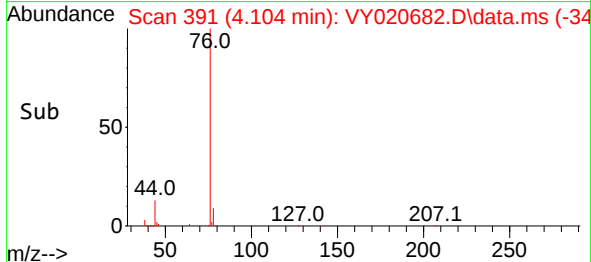
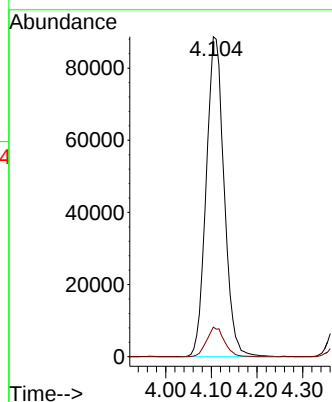
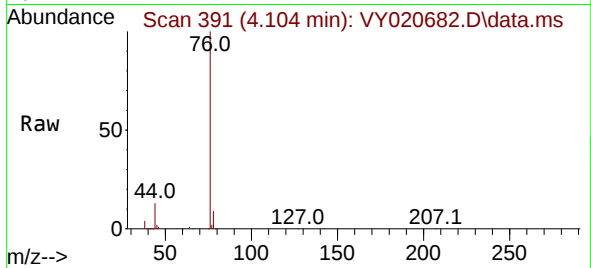




#17
Carbon Disulfide
Concen: 41.052 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

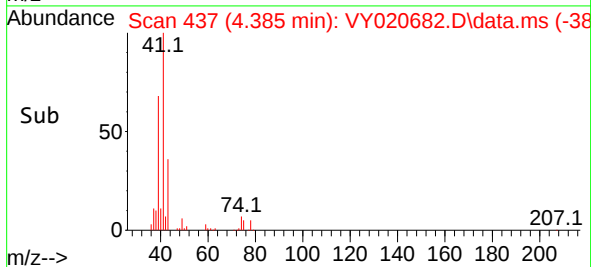
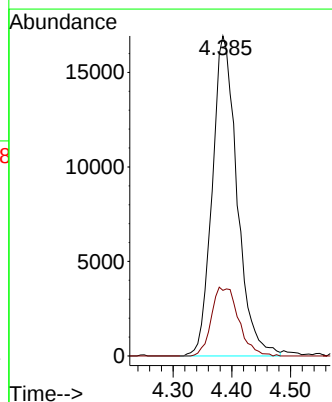
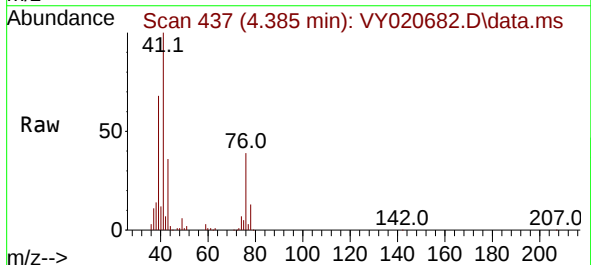
Instrument :
MSVOA_Y
ClientSampleId :

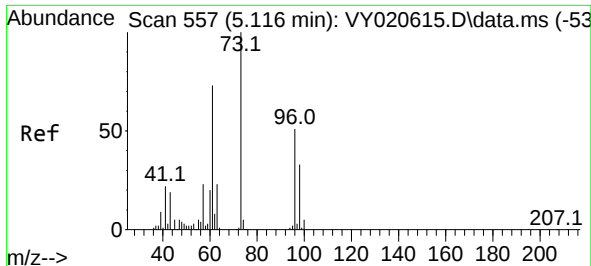
Tgt Ion: 76 Resp: 240927
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 46.480 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 43 Resp: 49816
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8

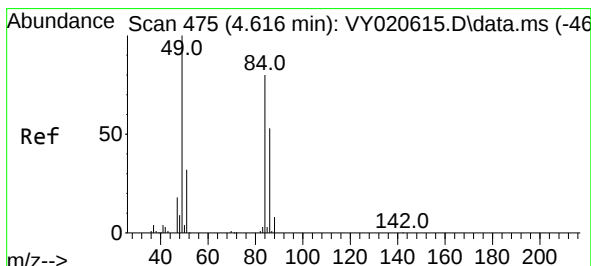
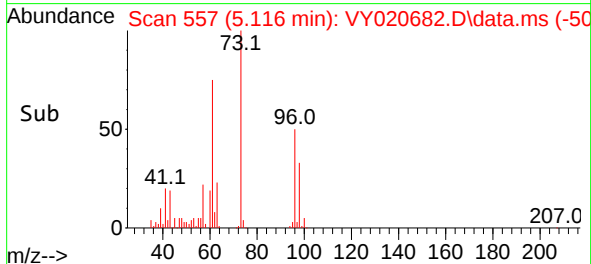
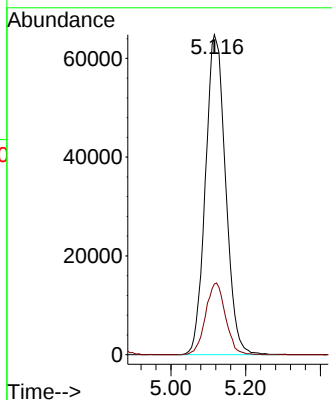
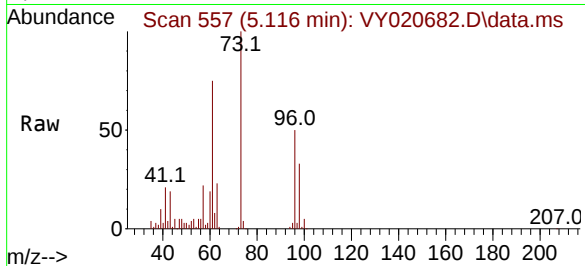




#19
Methyl tert-butyl Ether
Concen: 52.095 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

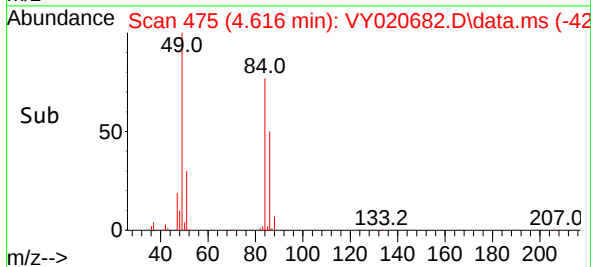
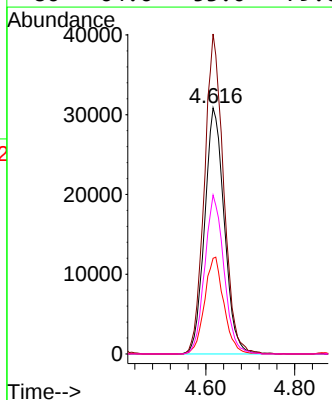
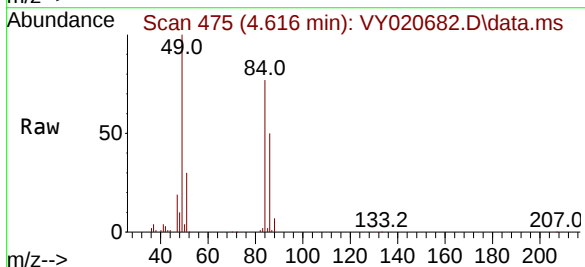
Instrument :
MSVOA_Y
ClientSampleId :

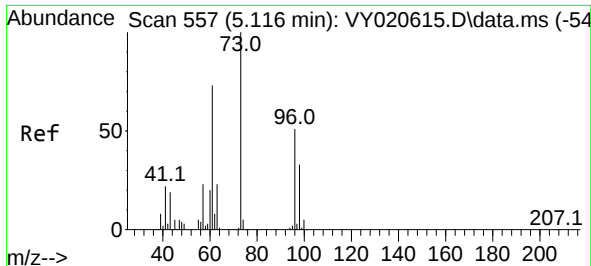
Tgt Ion: 73 Resp: 242425
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#20
Methylene Chloride
Concen: 48.394 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

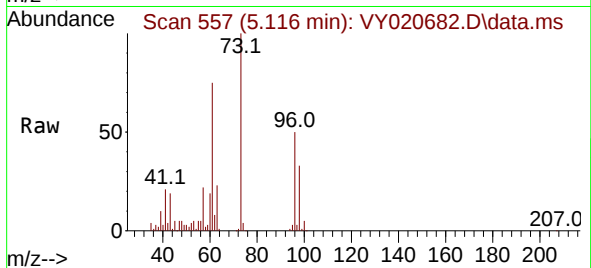
Tgt Ion: 84 Resp: 94785
Ion Ratio Lower Upper
84 100
49 130.0 100.7 151.1
51 38.9 32.2 48.2
86 64.6 53.0 79.6



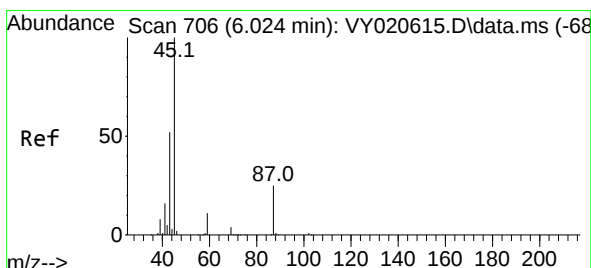
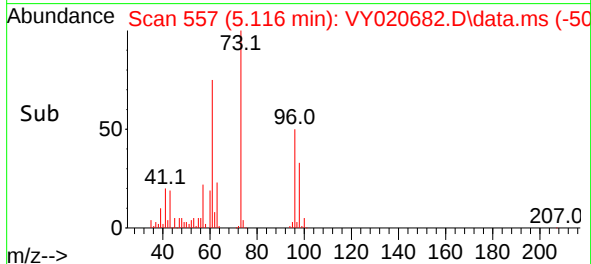
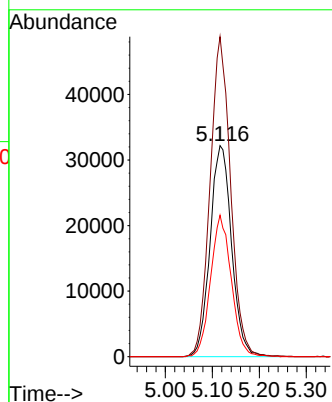


#21
trans-1,2-Dichloroethene
Concen: 50.685 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Instrument :
MSVOA_Y
ClientSampleId :

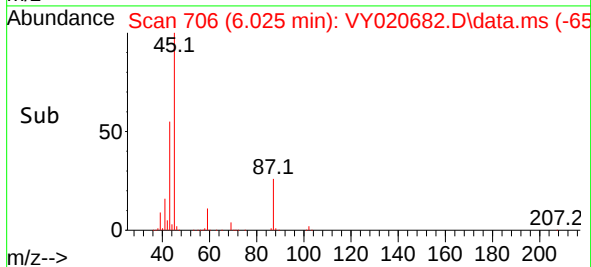
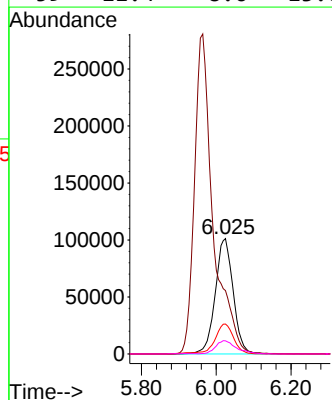
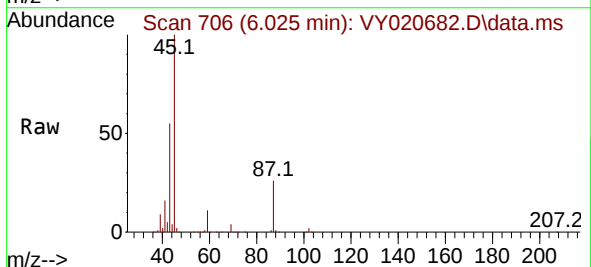


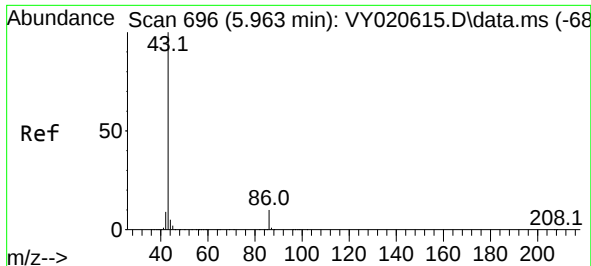
Tgt Ion: 96 Resp: 102508
Ion Ratio Lower Upper
96 100
61 151.6 113.7 170.5
98 67.0 51.7 77.5



#22
Diisopropyl ether
Concen: 52.616 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 45 Resp: 337414
Ion Ratio Lower Upper
45 100
43 54.5 42.6 64.0
87 25.9 20.6 31.0
59 11.4 8.6 13.0

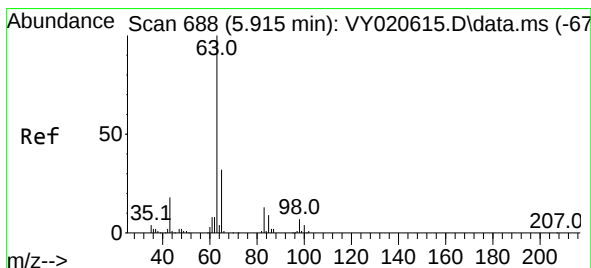
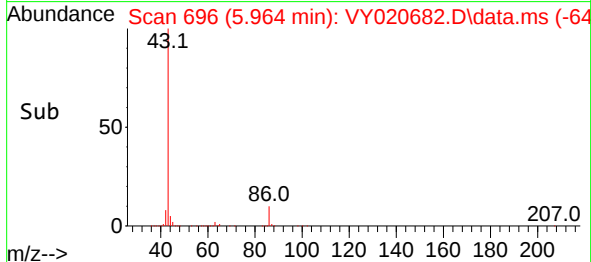
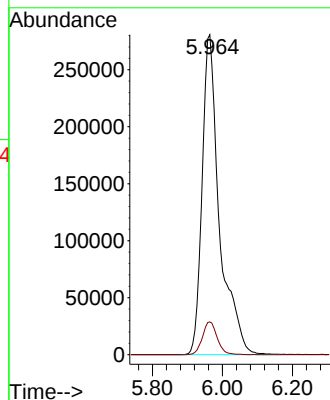
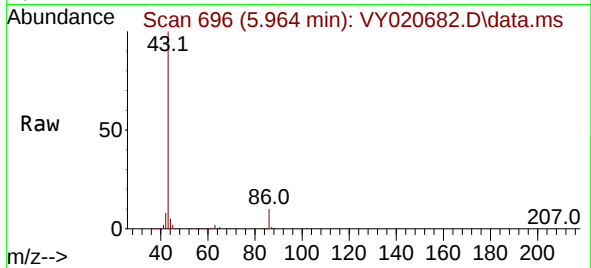




#23
 Vinyl Acetate
 Concen: 266.302 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020682.D
 Acq: 20 Dec 2024 19:35

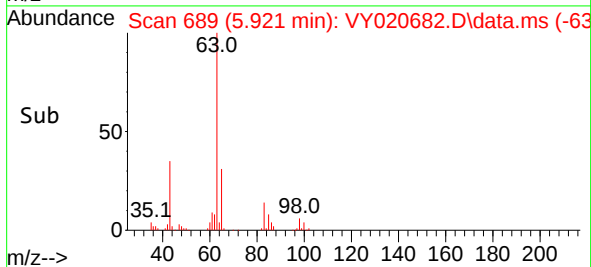
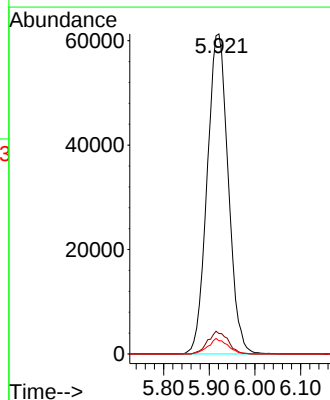
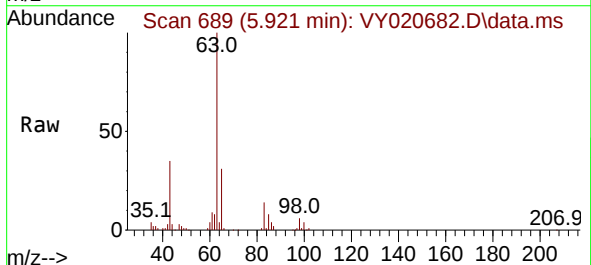
Instrument :
 MSVOA_Y
 ClientSampleId :

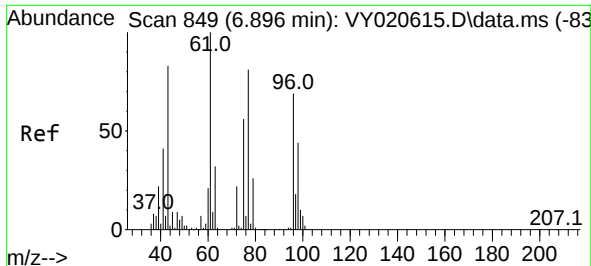
Tgt Ion: 43 Resp: 967217
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 52.280 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020682.D
 Acq: 20 Dec 2024 19:35

Tgt Ion: 63 Resp: 196407
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.2 2.1 6.5

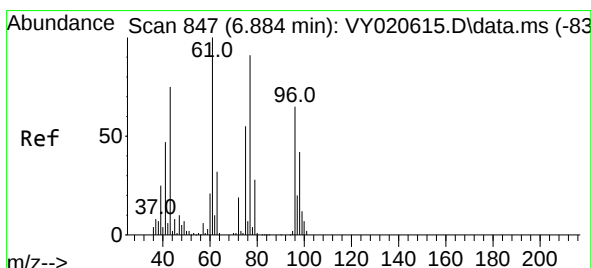
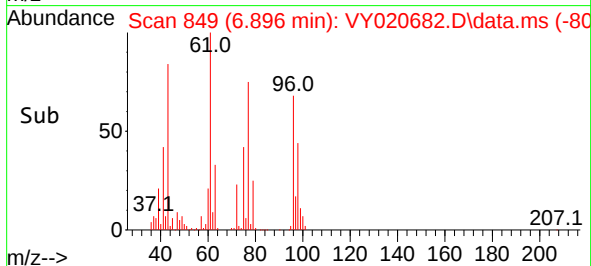
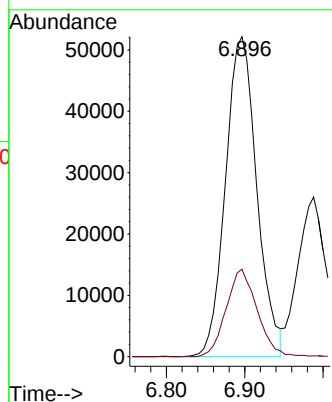
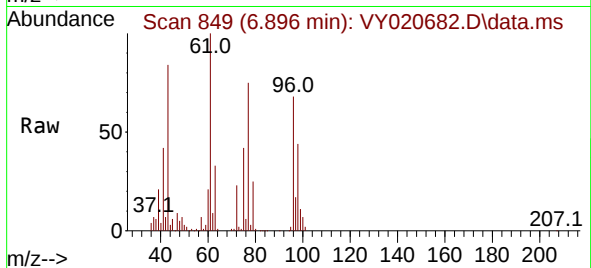




#25
2-Butanone
Concen: 247.823 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

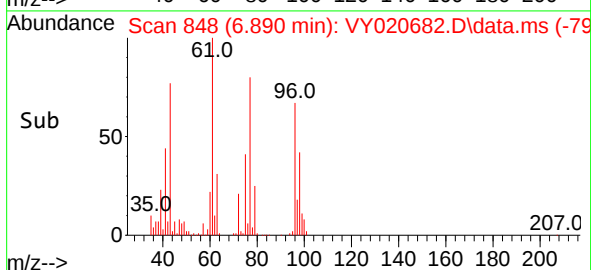
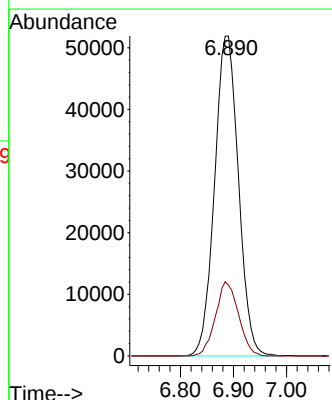
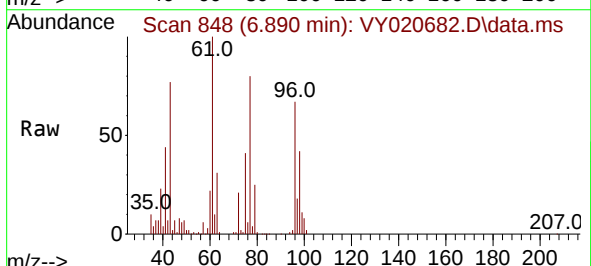
Instrument :
MSVOA_Y
ClientSampleId :

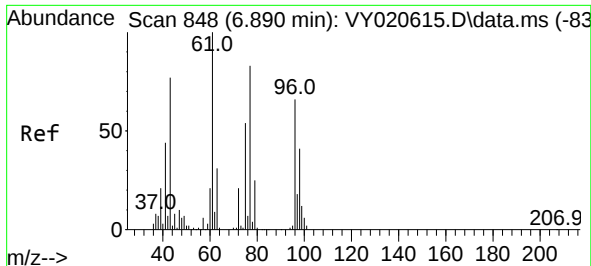
Tgt Ion: 43 Resp: 145082
Ion Ratio Lower Upper
43 100
72 27.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 45.653 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 77 Resp: 162135
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.6

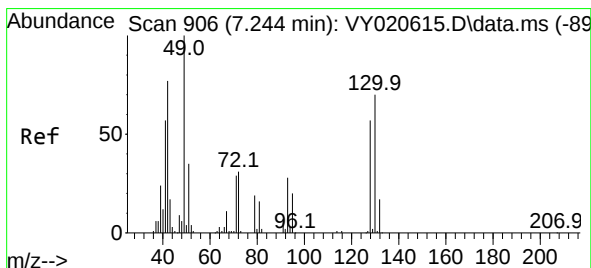
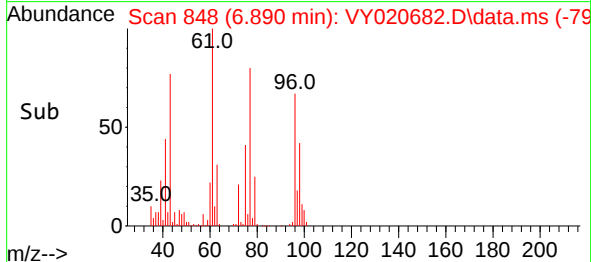
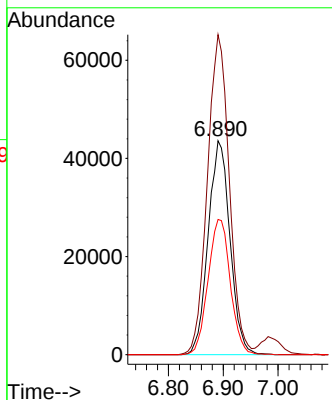
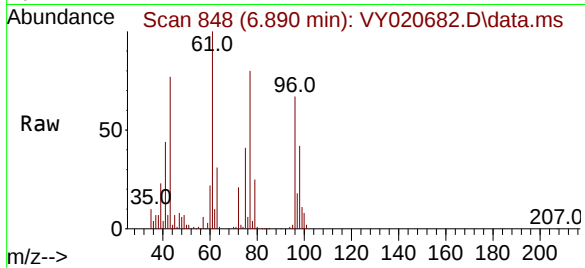




#27
 cis-1,2-Dichloroethene
 Concen: 51.699 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020682.D
 Acq: 20 Dec 2024 19:35

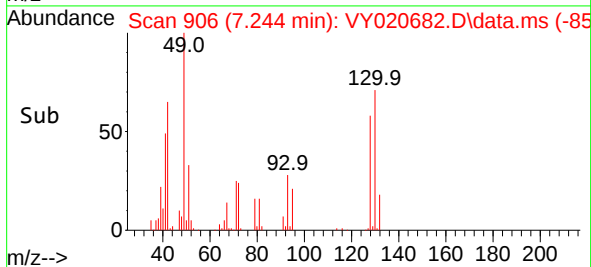
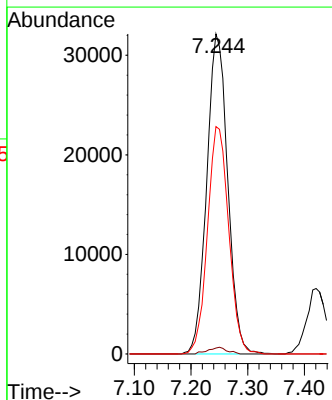
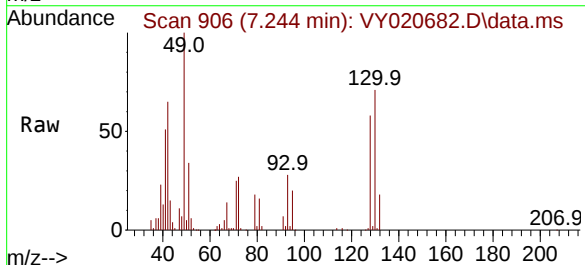
Instrument :
 MSVOA_Y
 ClientSampleId :

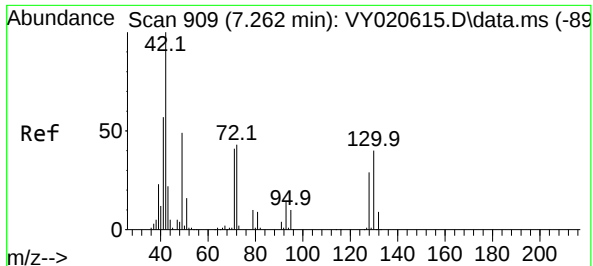
Tgt Ion: 96 Resp: 120298
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 306.2
 98 64.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 65.015 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020682.D
 Acq: 20 Dec 2024 19:35

Tgt Ion: 49 Resp: 82386
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 72.1 58.3 87.5





#29

Tetrahydrofuran

Concen: 268.209 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020682.D

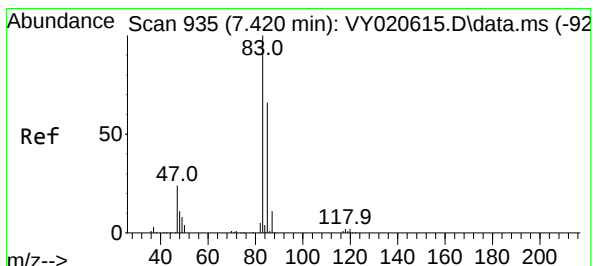
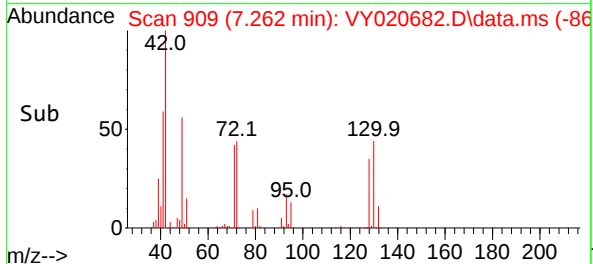
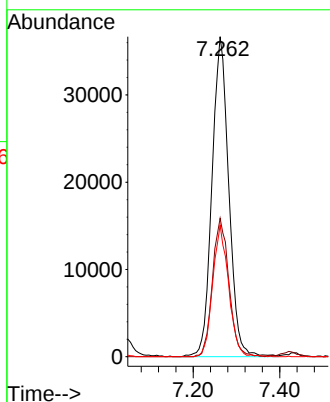
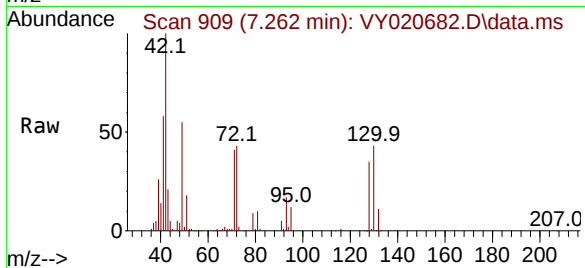
Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	99121
Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.0	51.0
71	38.9	31.6	47.4



#30

Chloroform

Concen: 54.780 ug/l

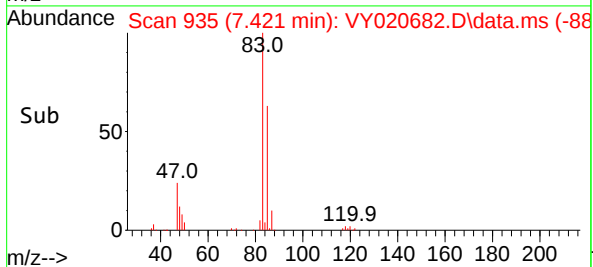
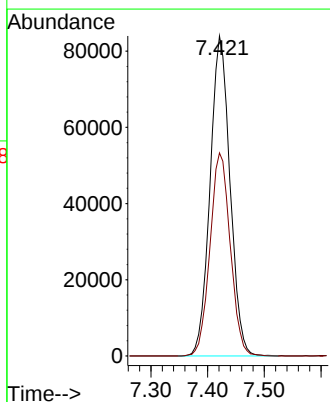
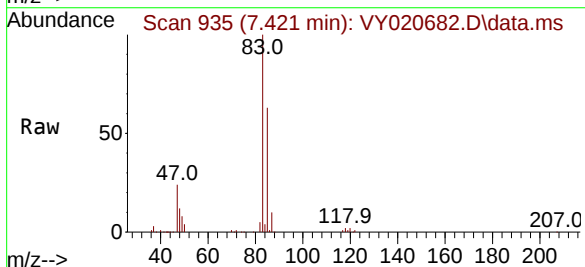
RT: 7.421 min Scan# 935

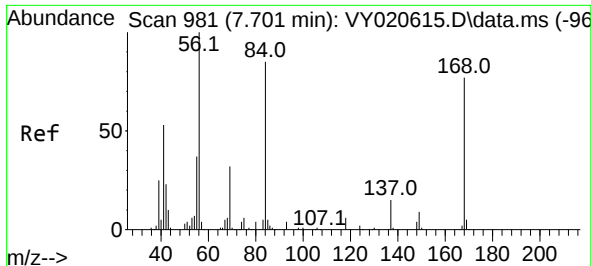
Delta R.T. 0.001 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

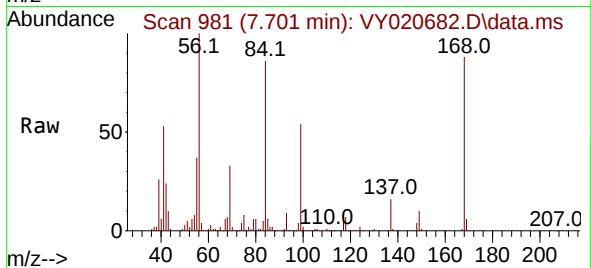
Tgt Ion:	83	Resp:	204738
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.7	79.1



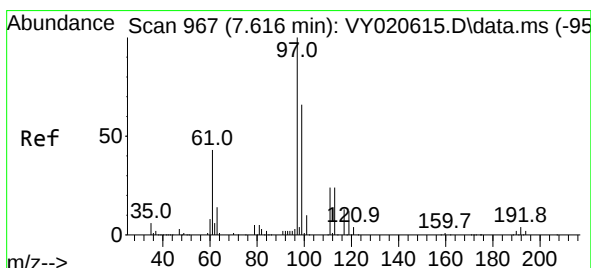
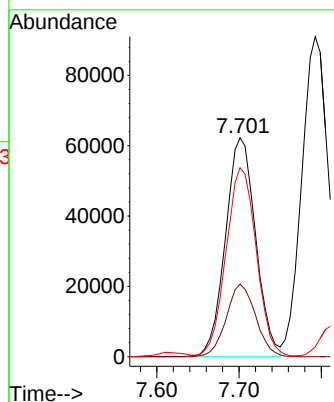
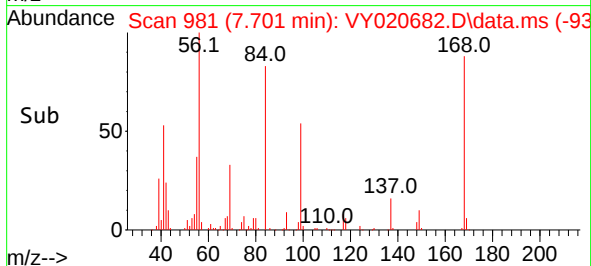


#31
Cyclohexane
Concen: 44.289 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

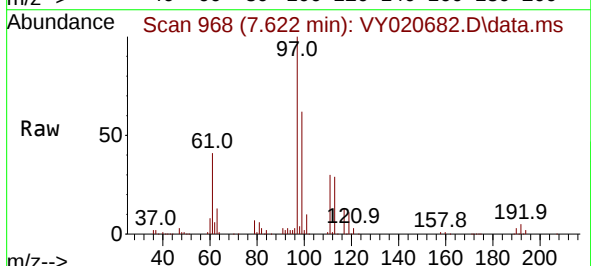
Instrument :
MSVOA_Y
ClientSampleId :



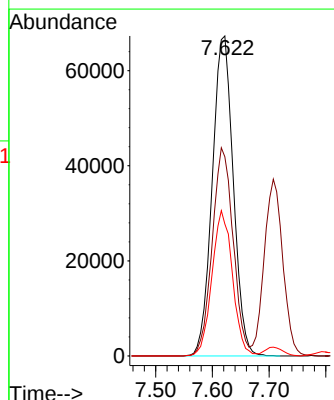
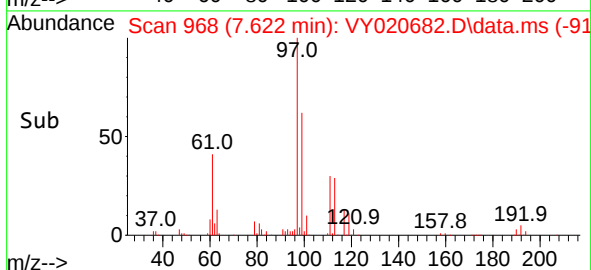
Tgt Ion: 56 Resp: 159093
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.0
84 84.8 68.3 102.5

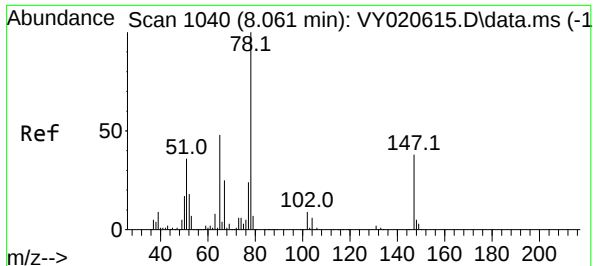


#32
1,1,1-Trichloroethane
Concen: 50.188 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35



Tgt Ion: 97 Resp: 173221
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 44.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 43.111 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

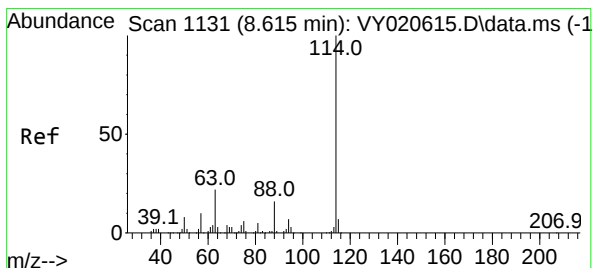
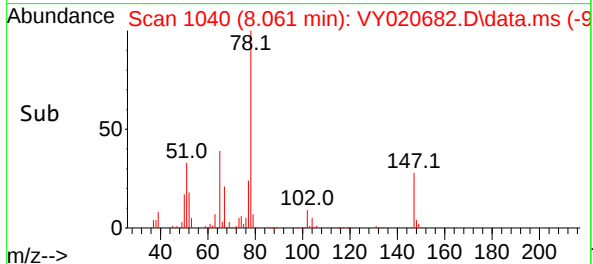
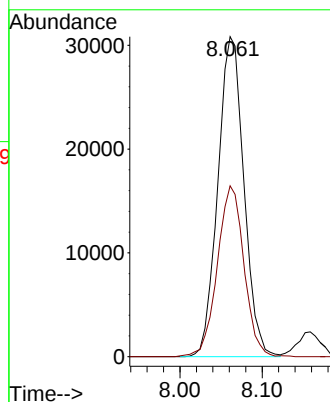
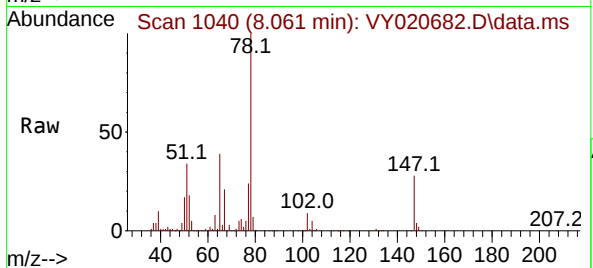
ClientSampleId :

Tgt Ion: 65 Resp: 67912

Ion Ratio Lower Upper

65 100

67 54.6 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: VY020682.D

Acq: 20 Dec 2024 19:35

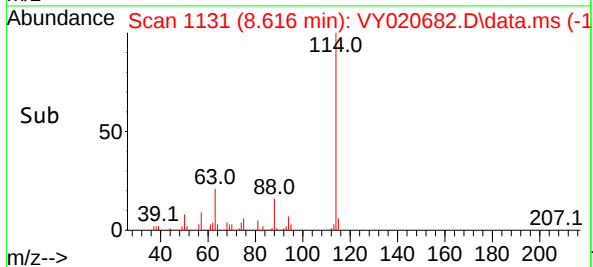
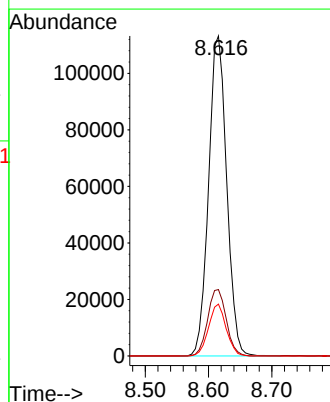
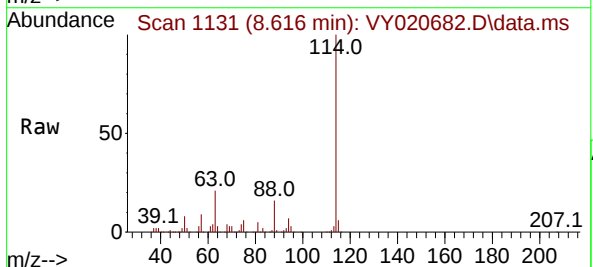
Tgt Ion: 114 Resp: 225180

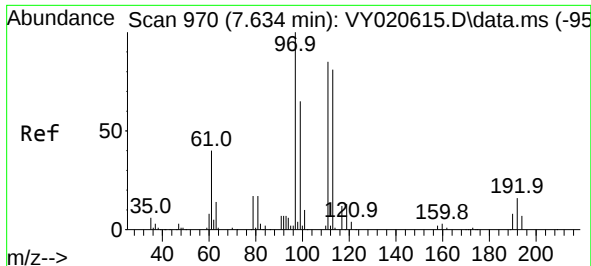
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.2 0.0 32.8

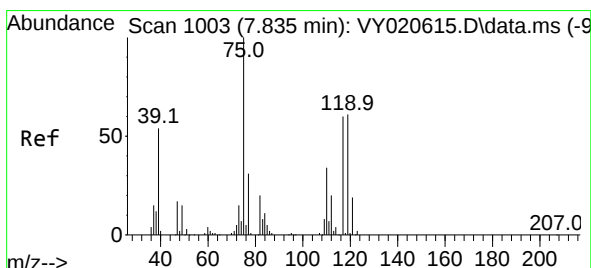
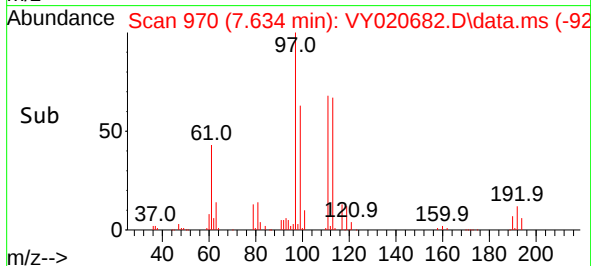
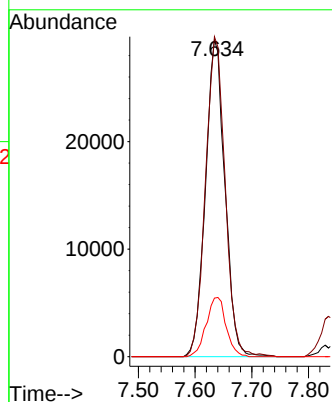
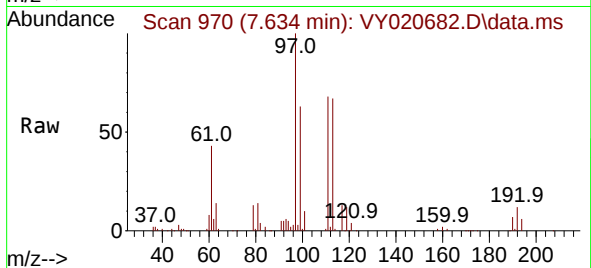




#35
Dibromofluoromethane
Concen: 44.159 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

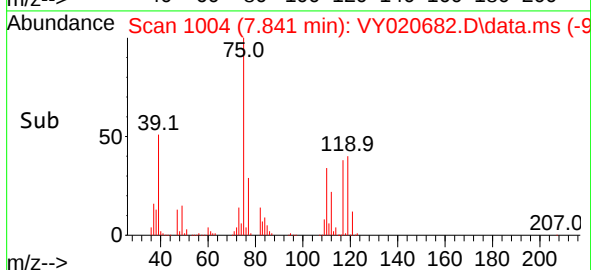
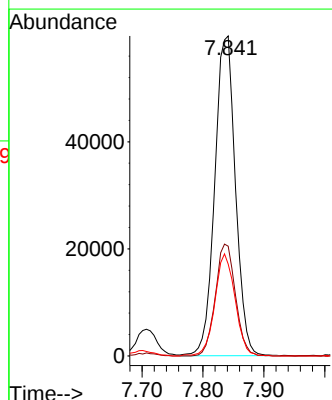
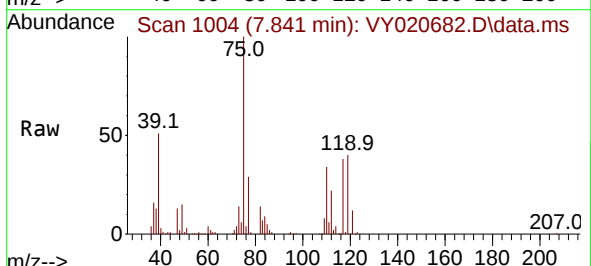
Instrument :
MSVOA_Y
ClientSampleId :

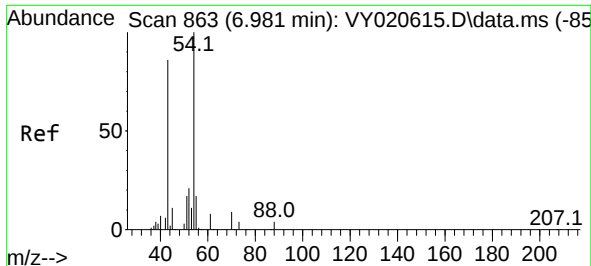
Tgt Ion:113 Resp: 70081
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.1 15.7 23.5



#36
1,1-Dichloropropene
Concen: 48.693 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 75 Resp: 140911
Ion Ratio Lower Upper
75 100
110 34.1 16.8 50.4
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 50.601 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

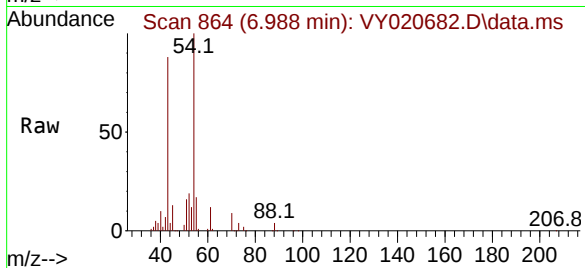
Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :



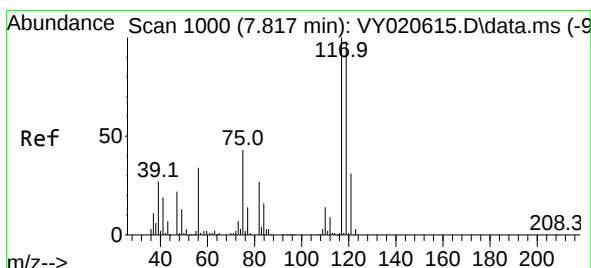
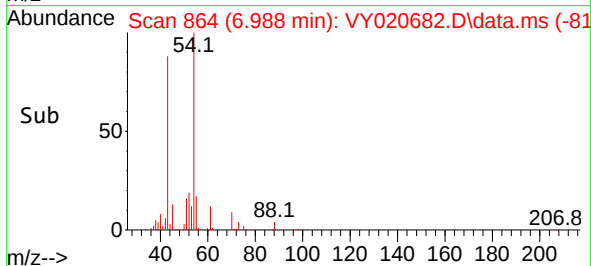
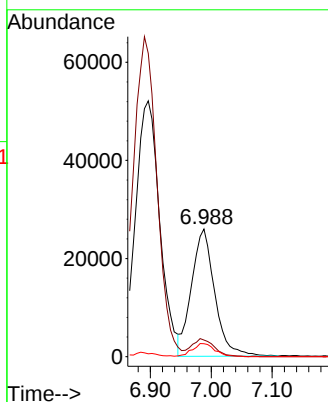
Tgt Ion: 43 Resp: 68879

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.4

70 10.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 48.699 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

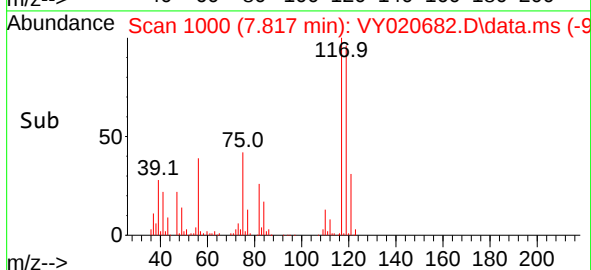
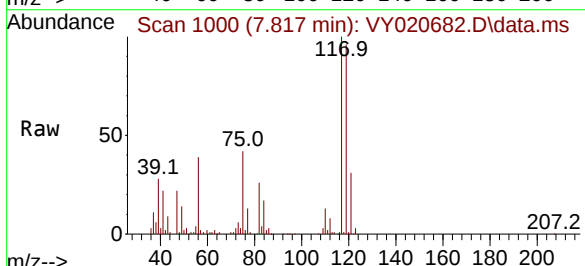
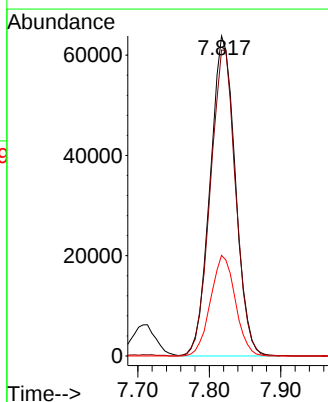
Tgt Ion: 117 Resp: 155919

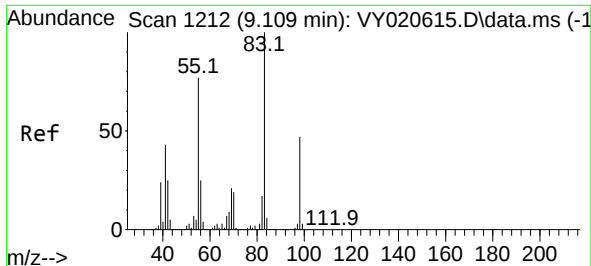
Ion Ratio Lower Upper

117 100

119 95.6 78.3 117.5

121 31.5 25.1 37.7





#39

Methylcyclohexane

Concen: 43.957 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

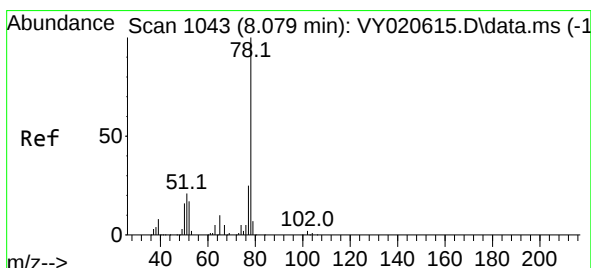
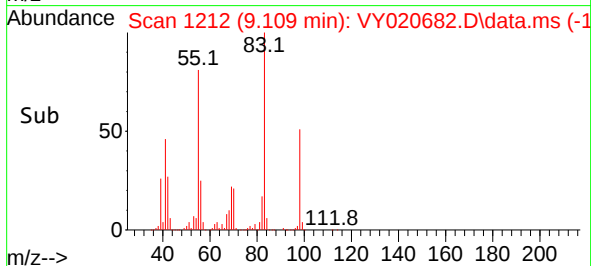
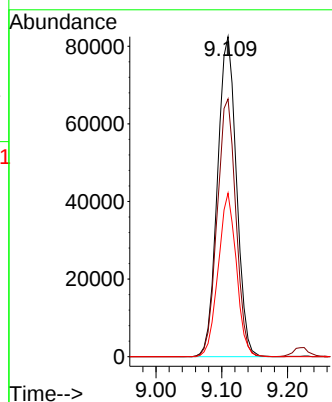
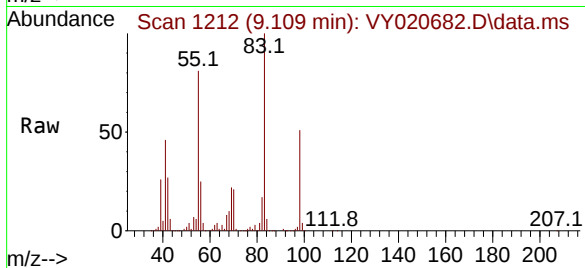
Tgt Ion: 83 Resp: 165792

Ion Ratio Lower Upper

83 100

55 80.6 61.4 92.0

98 51.1 37.3 55.9



#40

Benzene

Concen: 50.578 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020682.D

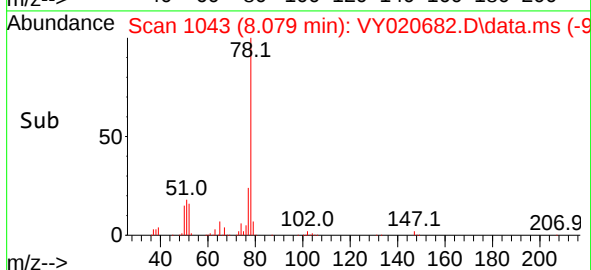
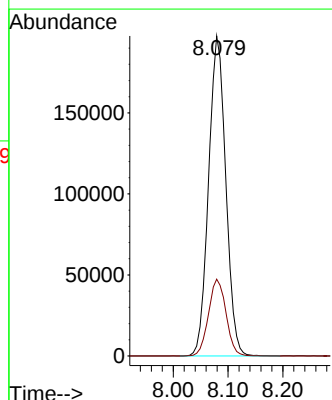
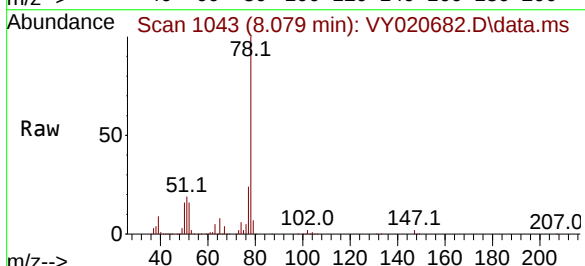
Acq: 20 Dec 2024 19:35

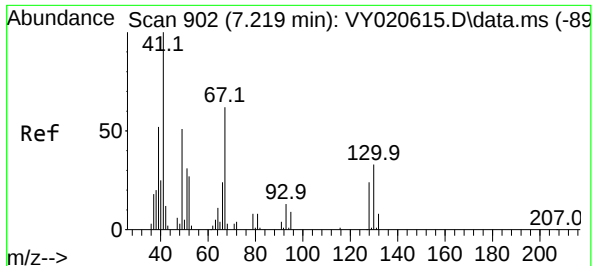
Tgt Ion: 78 Resp: 429017

Ion Ratio Lower Upper

78 100

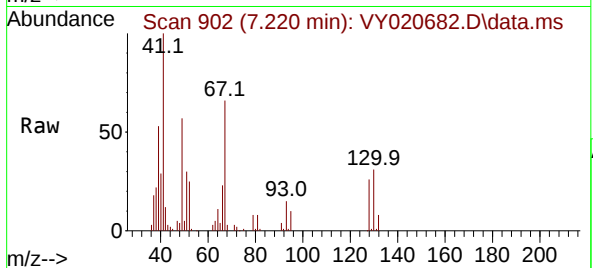
77 24.0 20.1 30.1



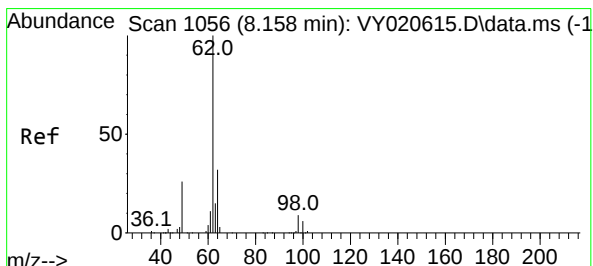
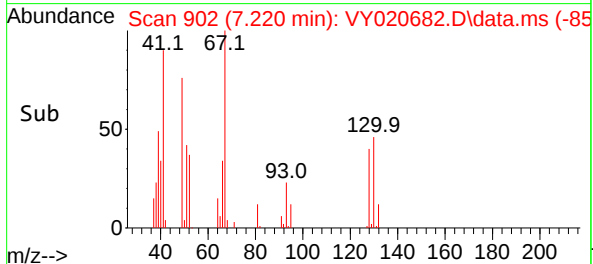
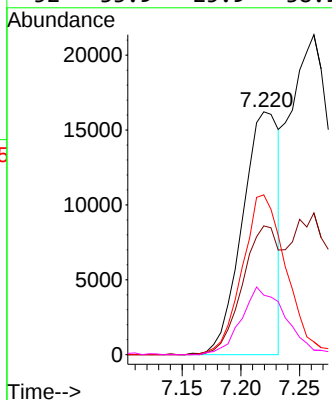


#41
Methacrylonitrile
Concen: 48.692 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Instrument :
MSVOA_Y
ClientSampleId :

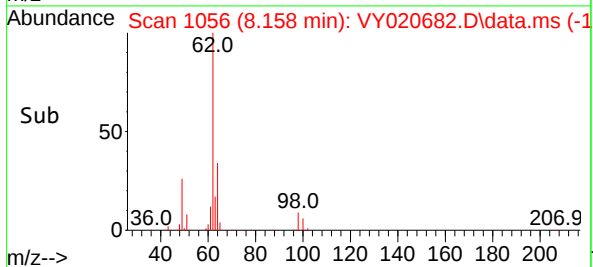
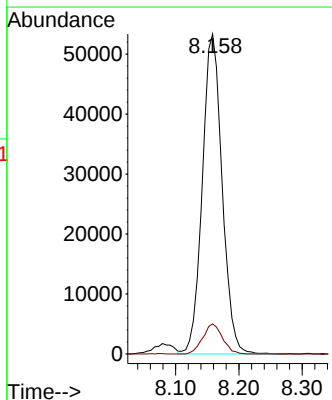
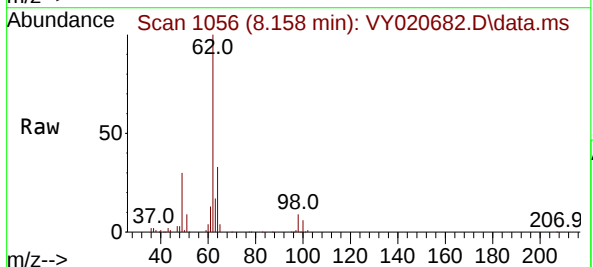


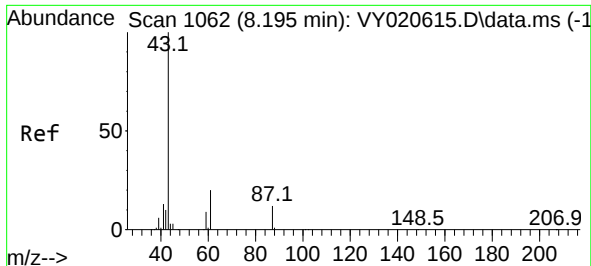
Tgt Ion:	41	Resp:	35040
Ion	Ratio	Lower	Upper
41	100		
39	51.4	53.6	80.4#
67	79.5	62.0	93.0
52	33.9	25.9	38.9



#42
1,2-Dichloroethane
Concen: 51.589 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion:	62	Resp:	116059
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

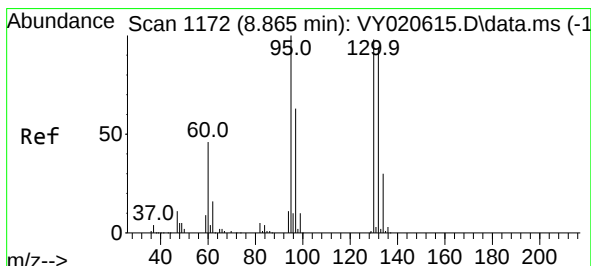
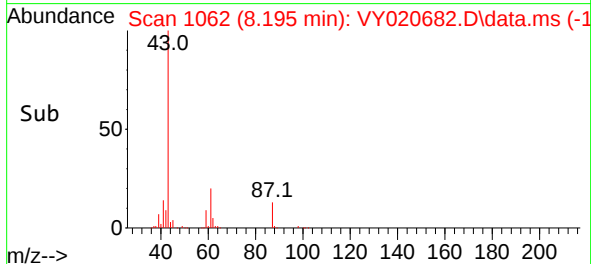
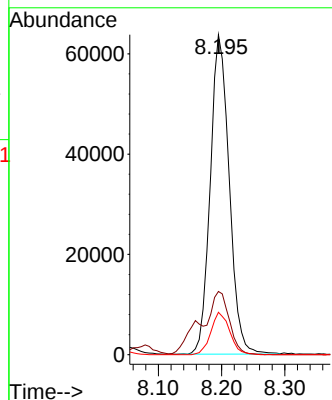
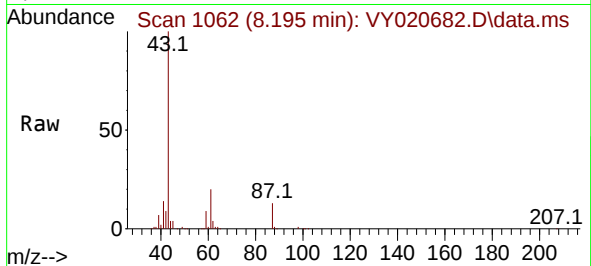




#43
Isopropyl Acetate
Concen: 51.476 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

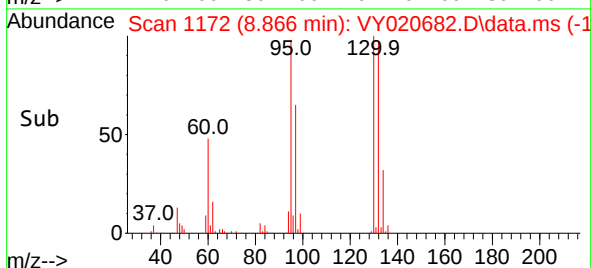
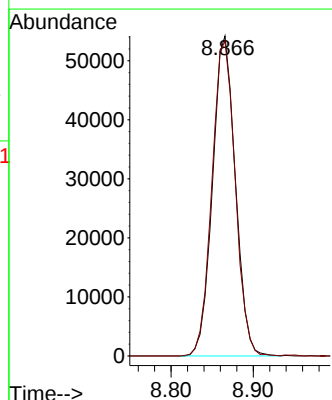
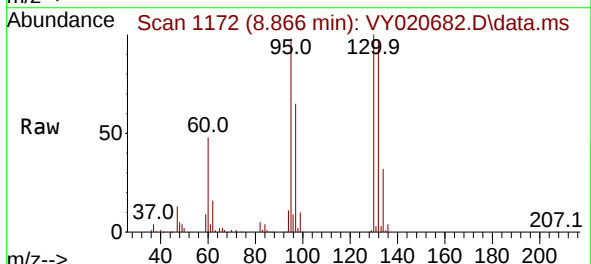
Instrument :
MSVOA_Y
ClientSampleId :

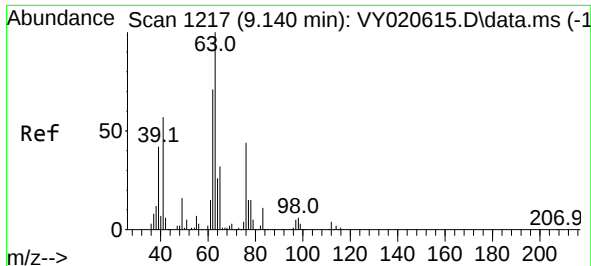
Tgt Ion: 43 Resp: 132653
Ion Ratio Lower Upper
43 100
61 20.1 23.8 35.6#
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 50.065 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion:130 Resp: 104350
Ion Ratio Lower Upper
130 100
95 98.3 0.0 203.2





#45

1,2-Dichloropropane

Concen: 51.953 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

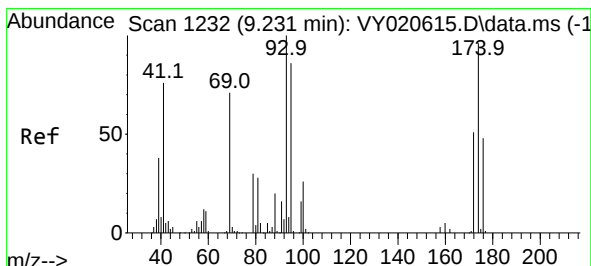
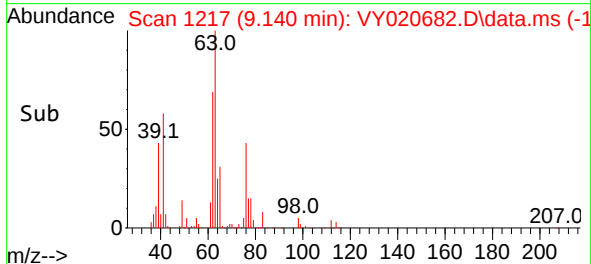
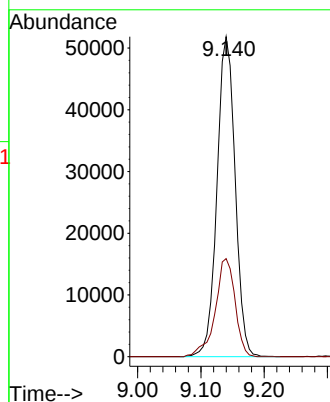
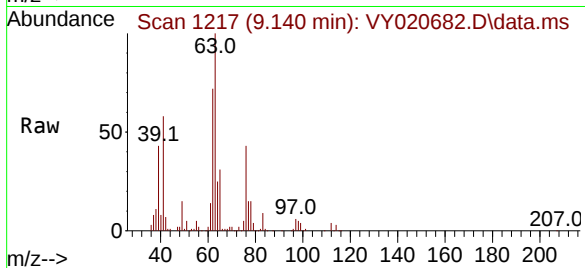
ClientSampleId :

Tgt Ion: 63 Resp: 102993

Ion Ratio Lower Upper

63 100

65 30.7 25.9 38.9



#46

Dibromomethane

Concen: 52.734 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

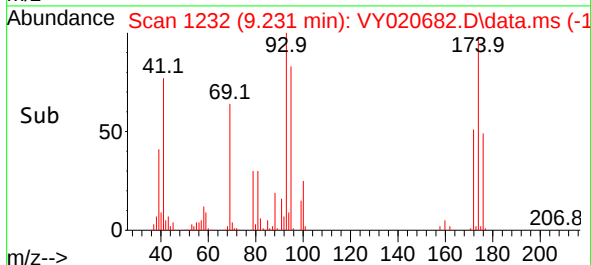
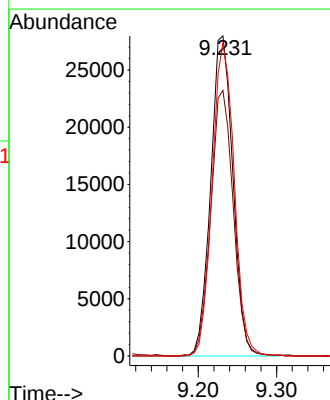
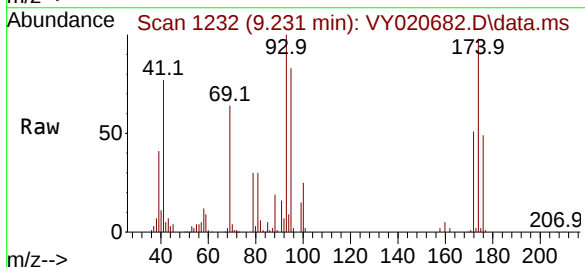
Tgt Ion: 93 Resp: 55249

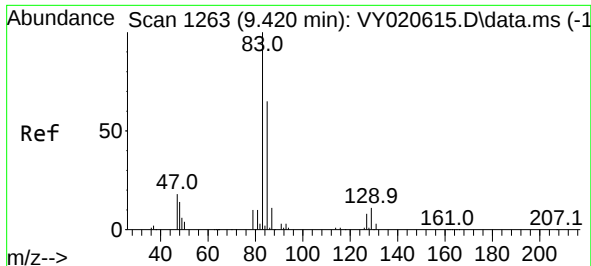
Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 96.8 77.8 116.6

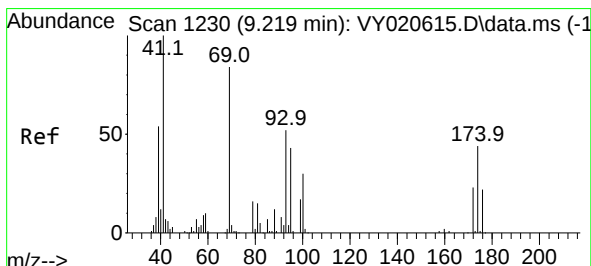
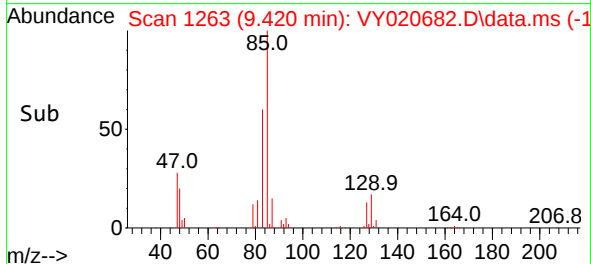
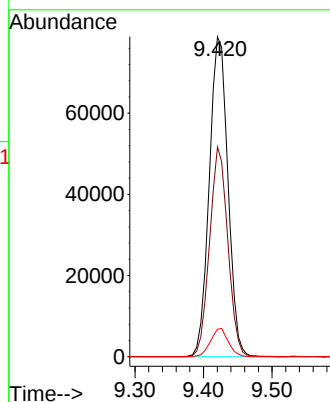
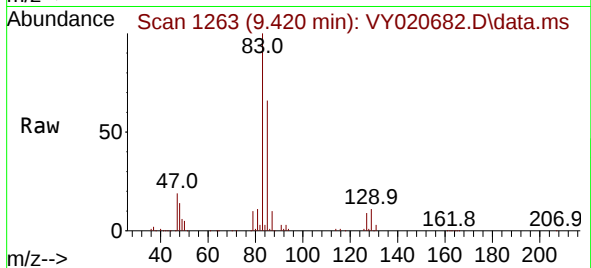




#47
Bromodichloromethane
Concen: 52.643 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

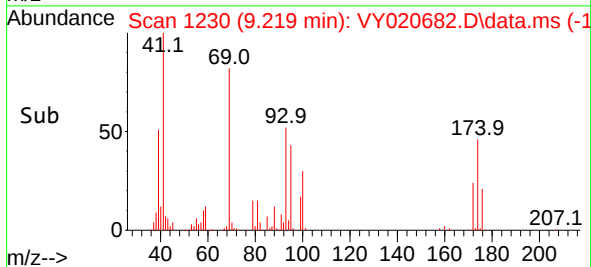
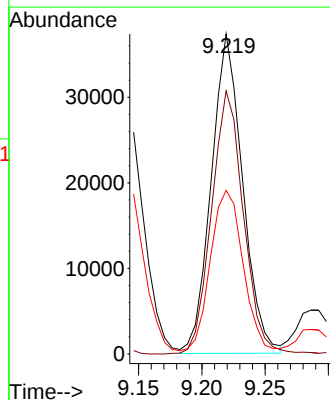
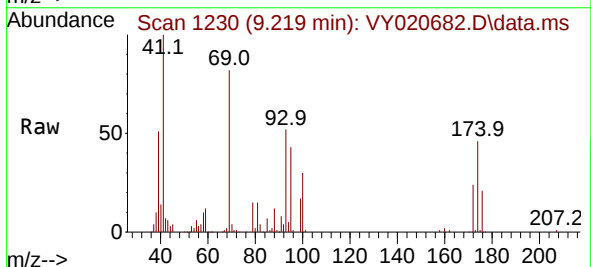
Instrument :
MSVOA_Y
ClientSampleId :

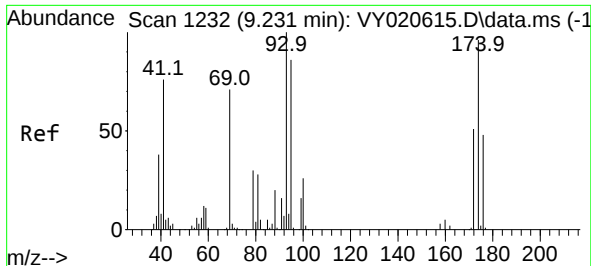
Tgt Ion: 83 Resp: 148983
Ion Ratio Lower Upper
83 100
85 65.6 52.1 78.1
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 52.516 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 41 Resp: 64336
Ion Ratio Lower Upper
41 100
69 83.7 67.2 100.8
39 52.0 42.2 63.4





#49

1,4-Dioxane

Concen: 1069.318 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

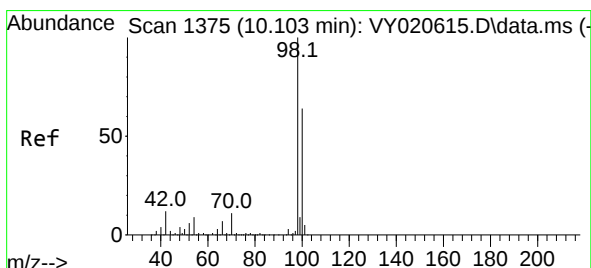
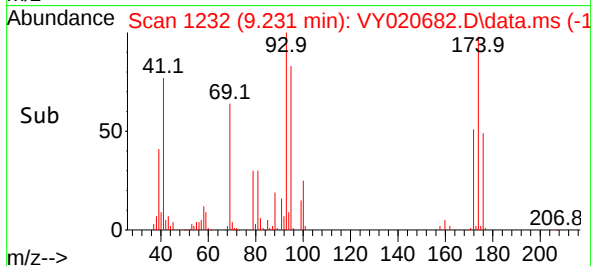
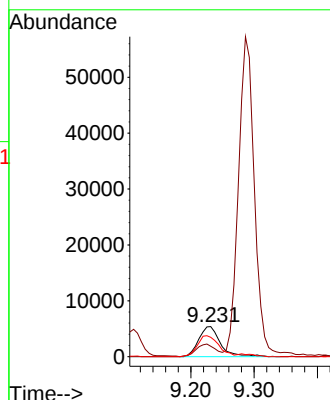
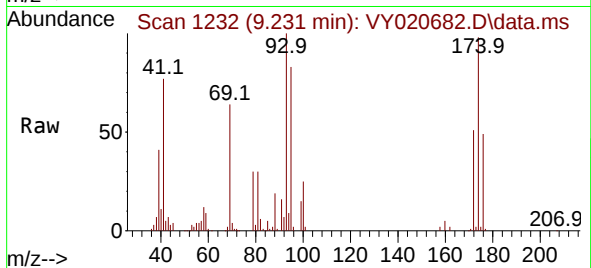
Tgt Ion: 88 Resp: 12848

Ion Ratio Lower Upper

88 100

43 37.9 27.6 41.4

58 69.8 61.7 92.5



#50

Toluene-d8

Concen: 42.543 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020682.D

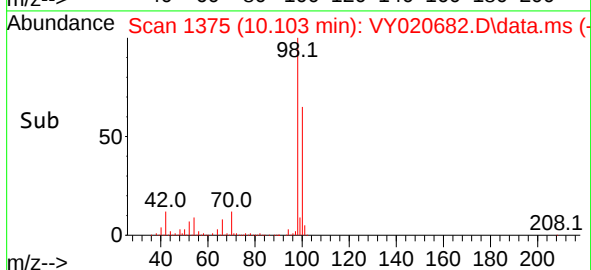
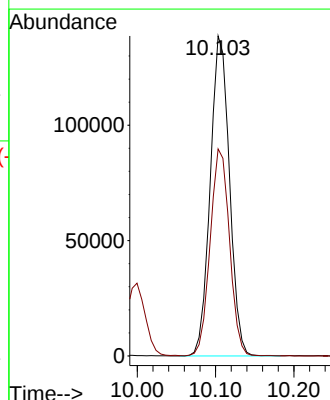
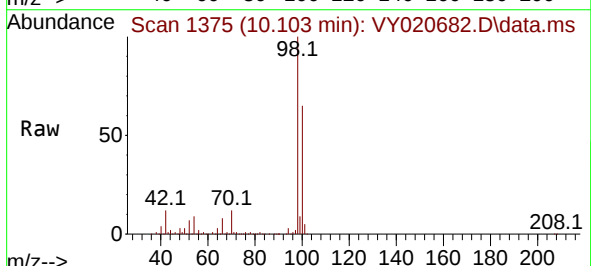
Acq: 20 Dec 2024 19:35

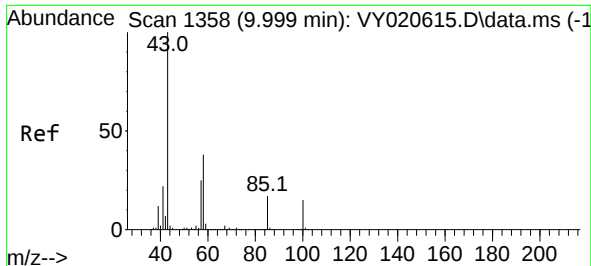
Tgt Ion: 98 Resp: 236316

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

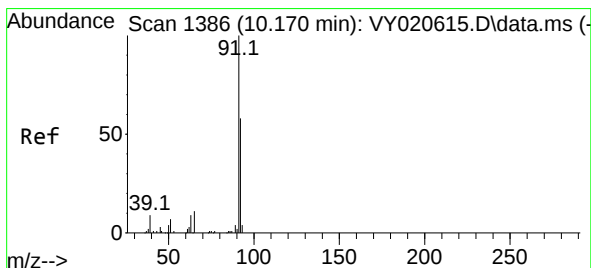
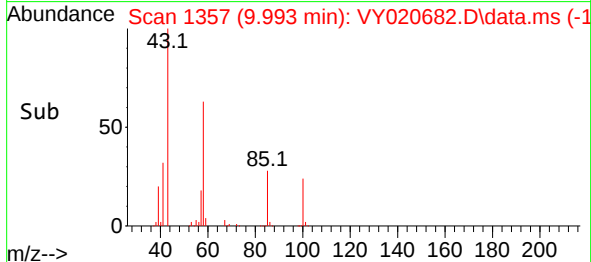
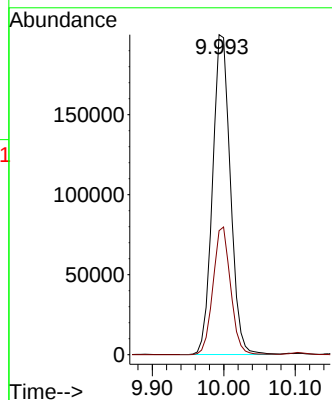
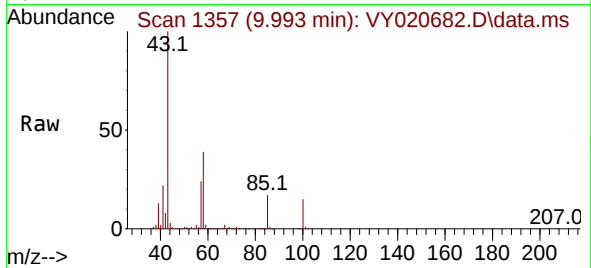




#51
4-Methyl-2-Pentanone
Concen: 255.175 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

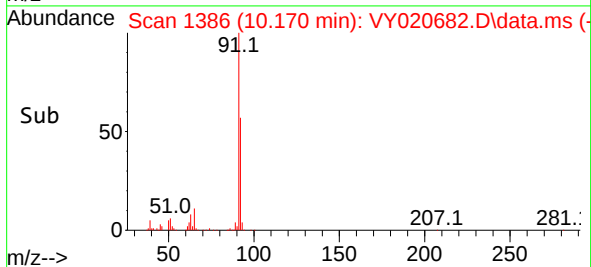
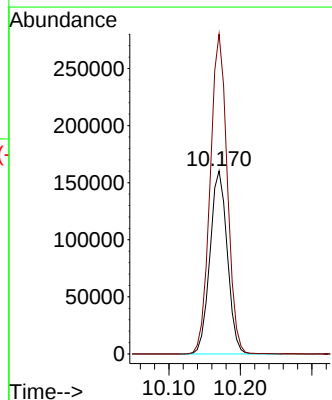
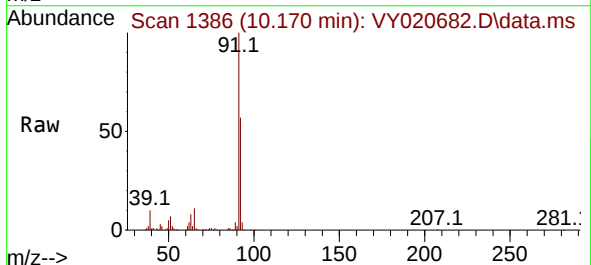
Instrument :
MSVOA_Y
ClientSampleId :

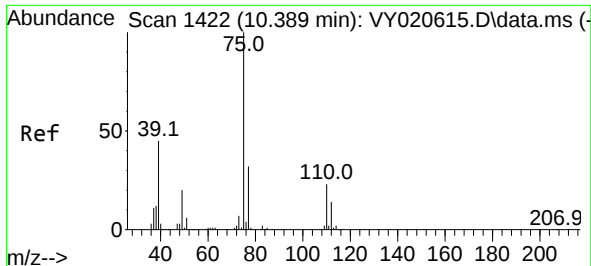
Tgt Ion: 43 Resp: 347100
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2



#52
Toluene
Concen: 51.164 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 92 Resp: 269709
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0

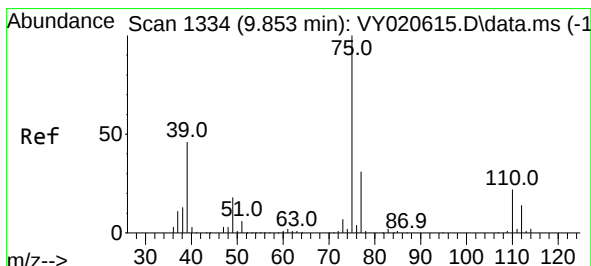
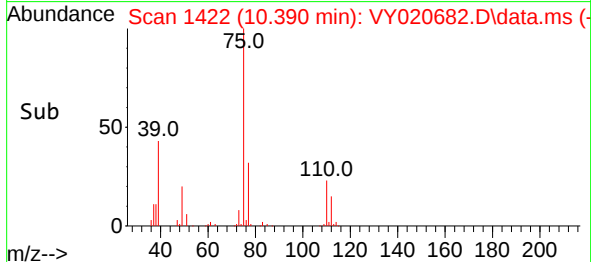
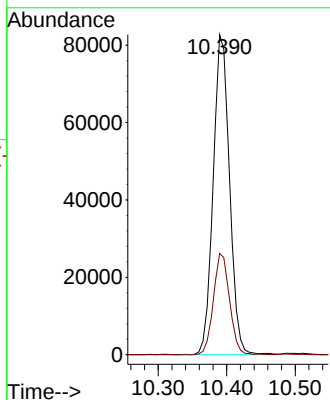
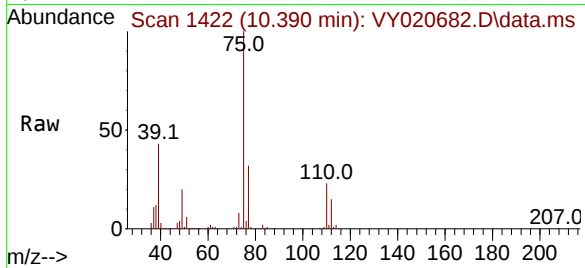




#53
t-1,3-Dichloropropene
Concen: 51.983 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

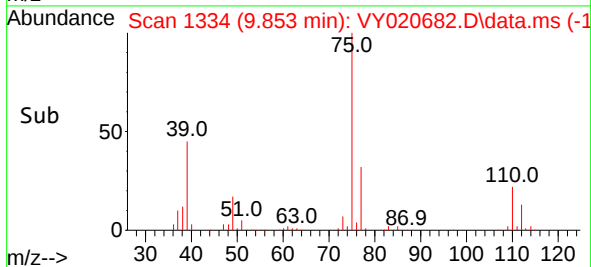
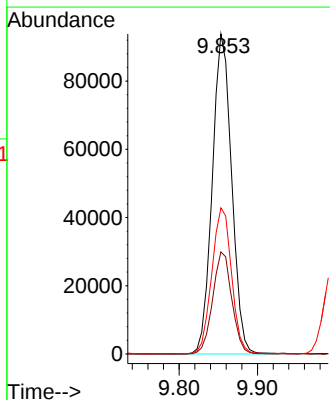
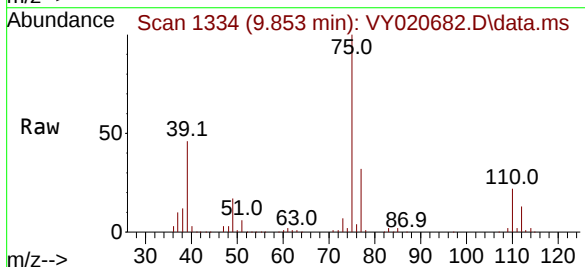
Instrument :
MSVOA_Y
ClientSampleId :

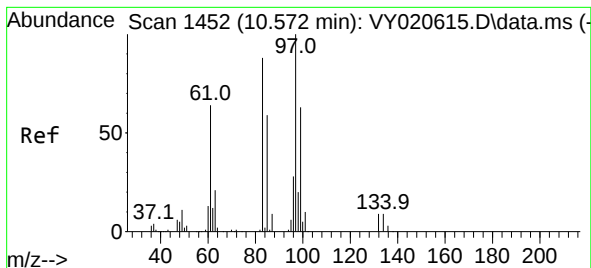
Tgt Ion: 75 Resp: 137082
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.582 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 75 Resp: 161185
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 45.5 36.4 54.6

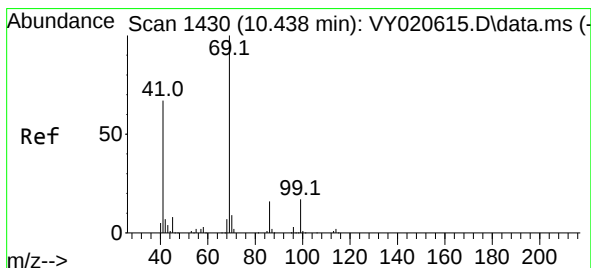
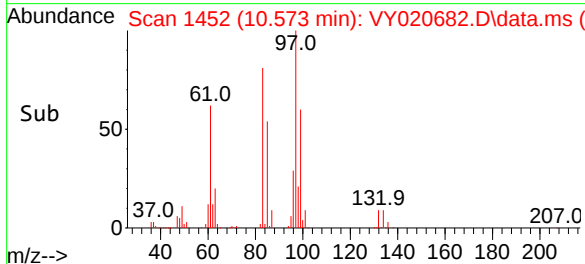
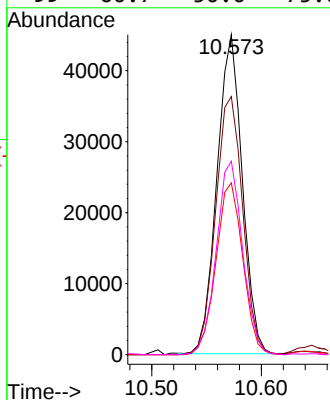
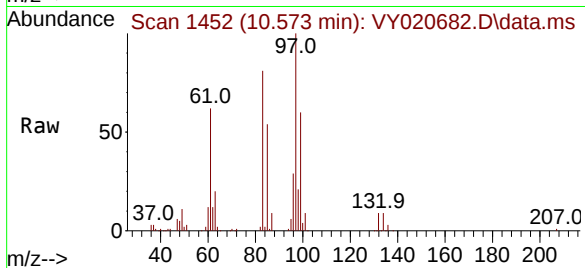




#55
1,1,2-Trichloroethane
Concen: 52.160 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

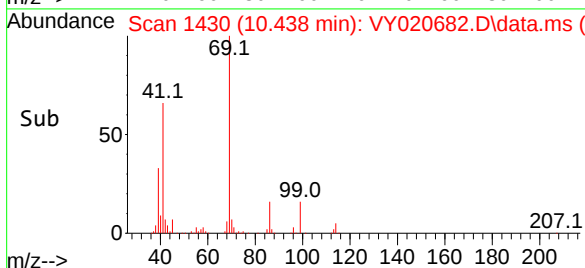
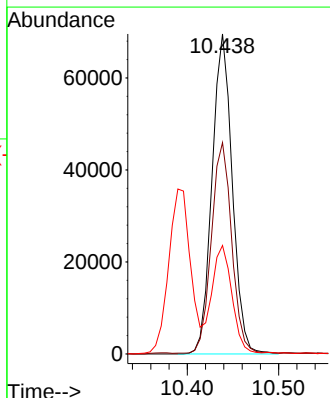
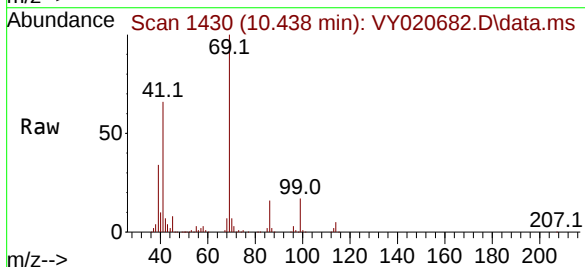
Instrument :
MSVOA_Y
ClientSampleId :

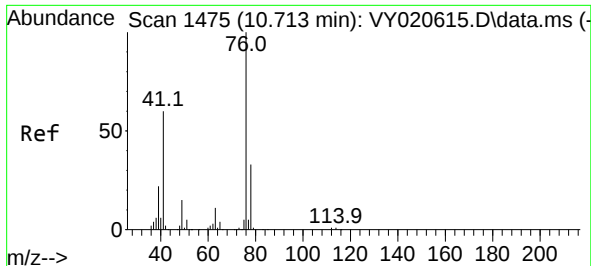
Tgt Ion:	97	Resp:	72252
Ion	Ratio	Lower	Upper
97	100		
83	80.9	70.4	105.6
85	53.9	47.2	70.8
99	60.7	50.0	75.0



#56
Ethyl methacrylate
Concen: 53.177 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion:	69	Resp:	106862
Ion	Ratio	Lower	Upper
69	100		
41	65.9	54.0	81.0
39	34.4	27.9	41.9





#57

1,3-Dichloropropane

Concen: 52.533 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

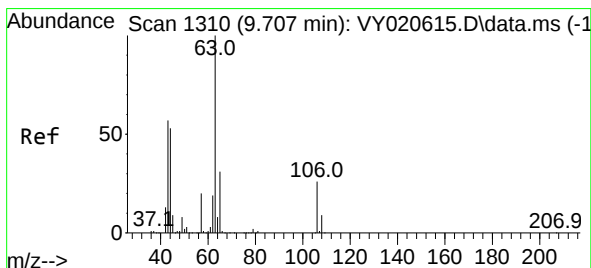
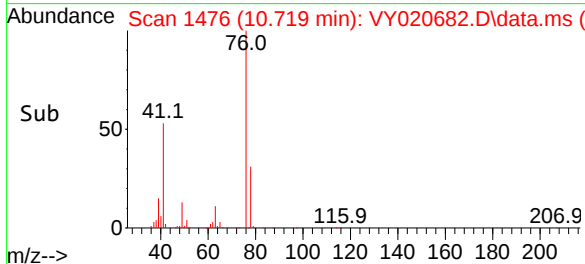
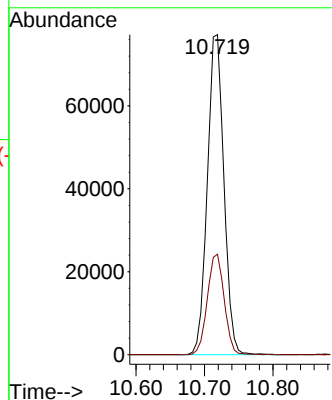
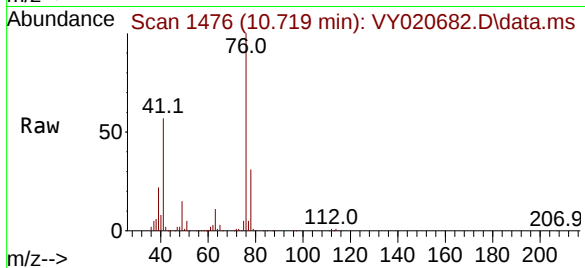
ClientSampleId :

Tgt Ion: 76 Resp: 129720

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 318.460 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020682.D

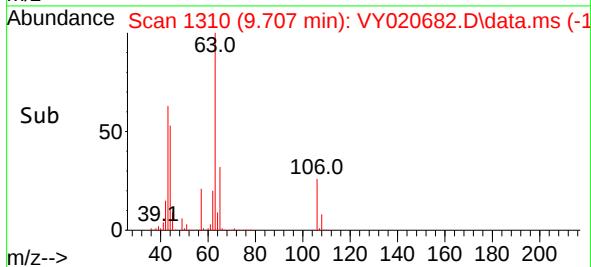
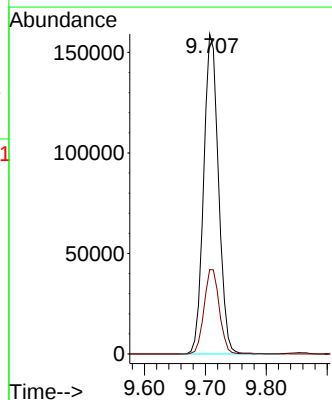
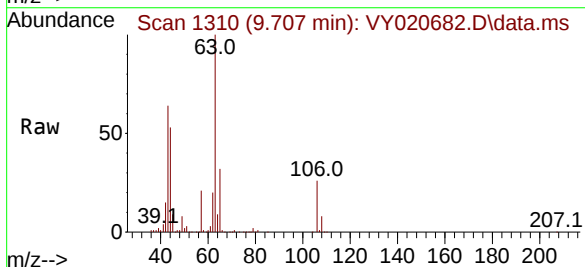
Acq: 20 Dec 2024 19:35

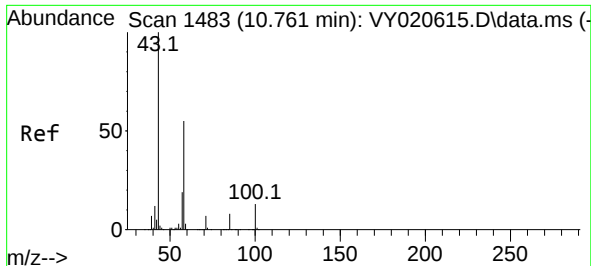
Tgt Ion: 63 Resp: 269274

Ion Ratio Lower Upper

63 100

106 27.1 21.5 32.3

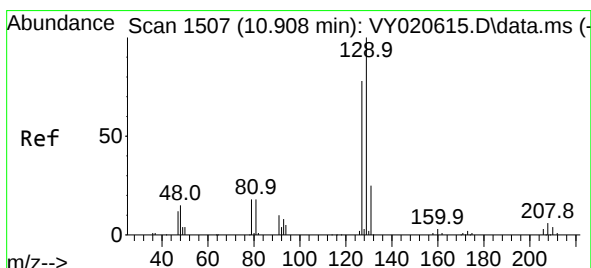
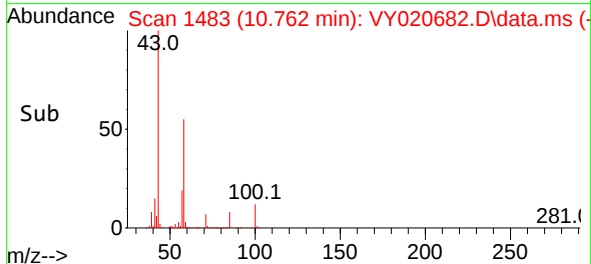
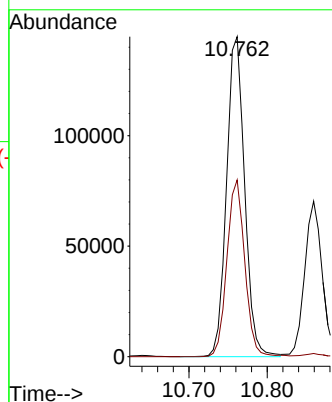
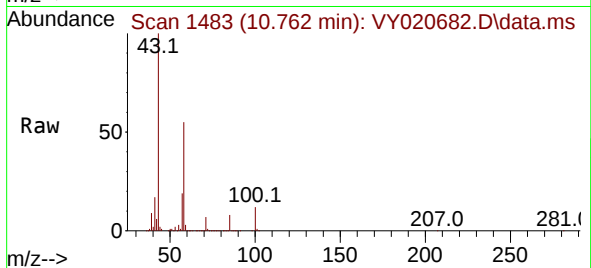




#59
2-Hexanone
Concen: 266.163 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

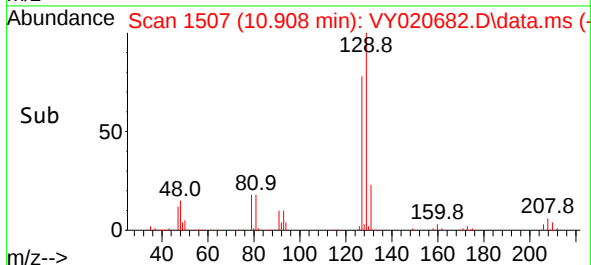
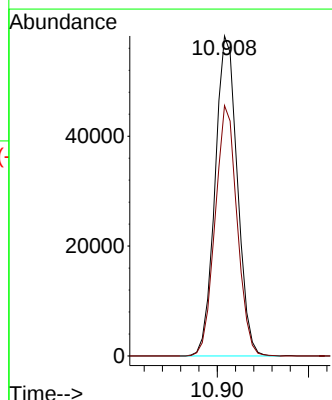
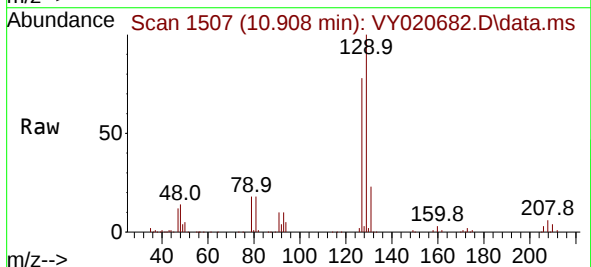
Instrument :
MSVOA_Y
ClientSampleId :

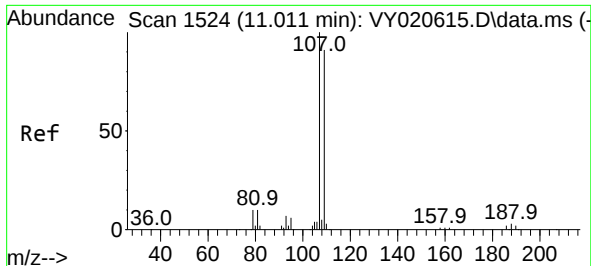
Tgt Ion: 43 Resp: 232450
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.6



#60
Dibromochloromethane
Concen: 53.204 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 129 Resp: 98561
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

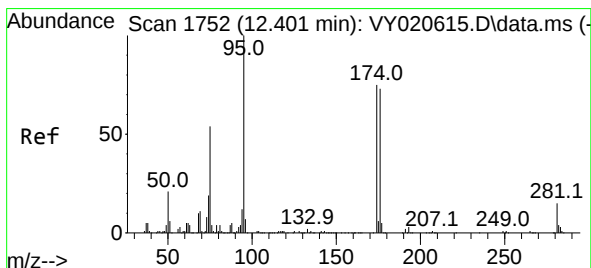
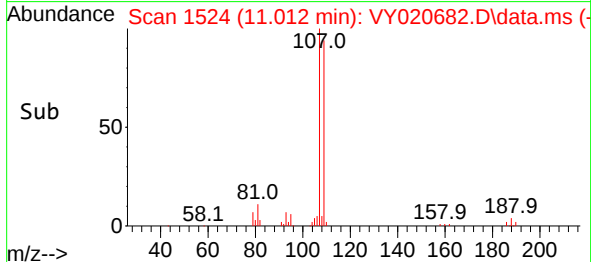
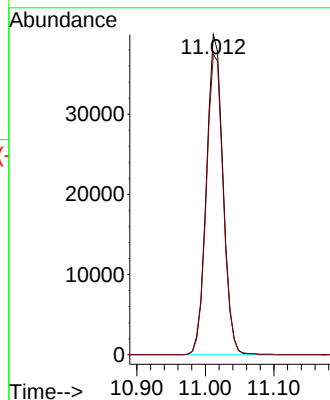
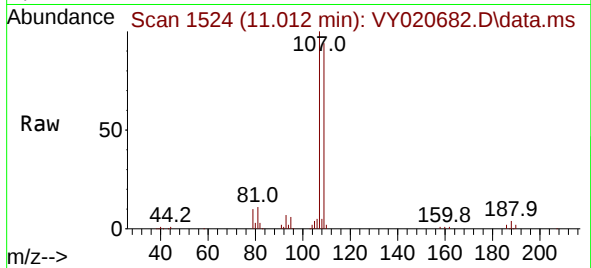




#61
1,2-Dibromoethane
Concen: 52.208 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

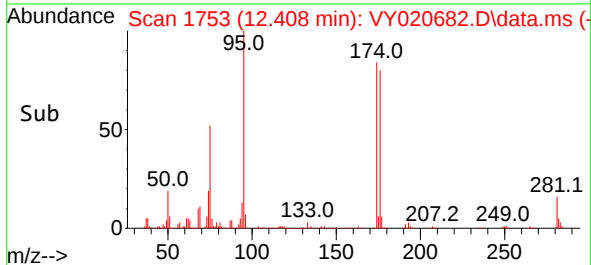
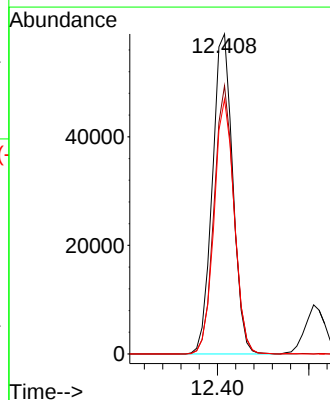
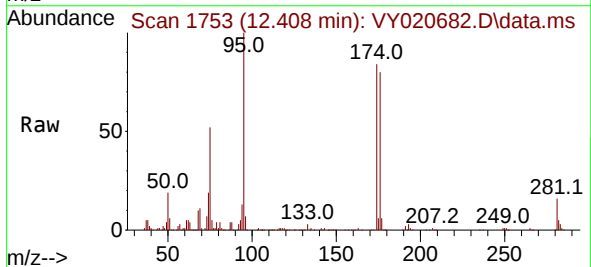
Instrument :
MSVOA_Y
ClientSampleId :

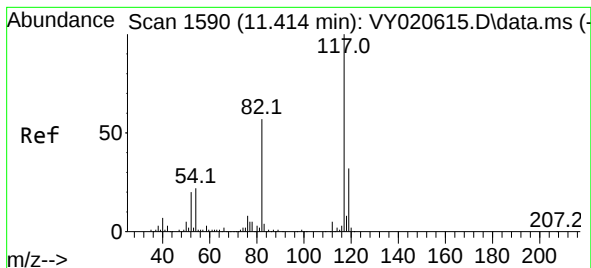
Tgt Ion:107 Resp: 67268
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 42.042 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 95 Resp: 91351
Ion Ratio Lower Upper
95 100
174 81.6 0.0 161.8
176 78.8 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

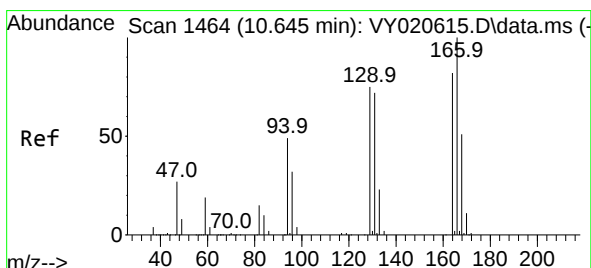
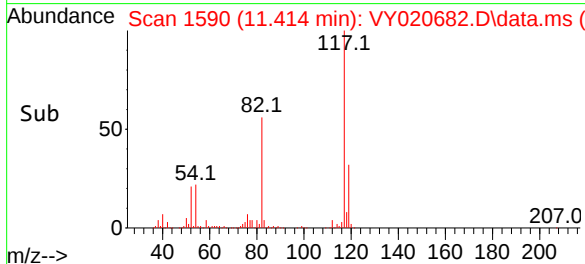
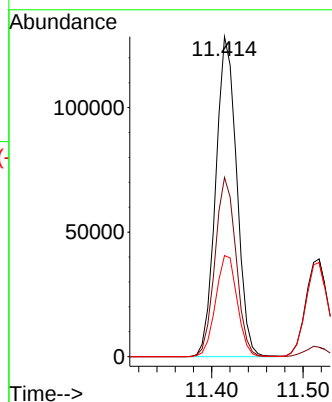
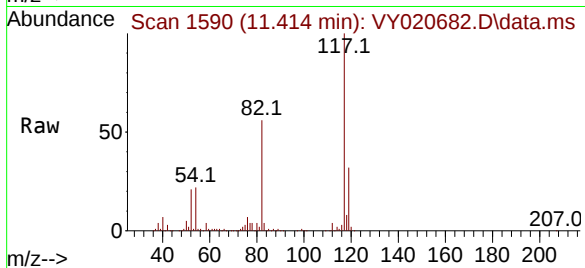
Tgt Ion:117 Resp: 204671

Ion Ratio Lower Upper

117 100

82 56.0 45.8 68.6

119 31.6 25.3 37.9



#64

Tetrachloroethene

Concen: 47.125 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Tgt Ion:164 Resp: 90723

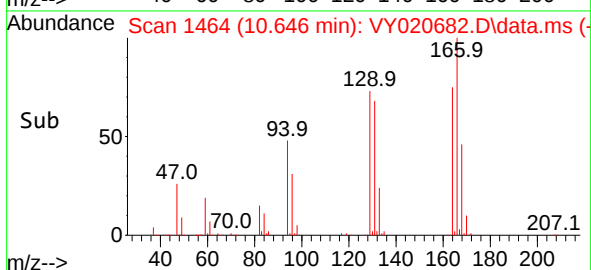
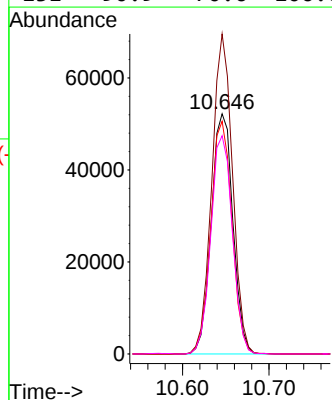
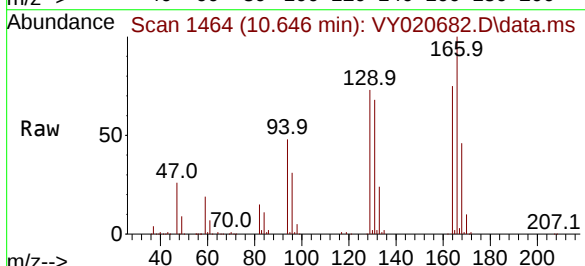
Ion Ratio Lower Upper

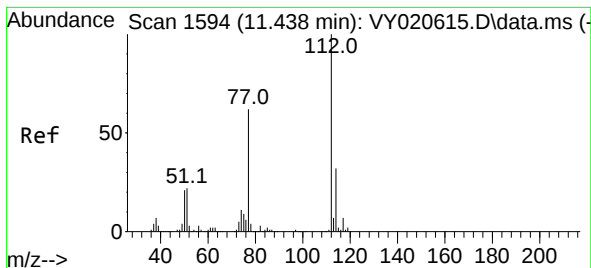
164 100

166 133.3 97.9 146.9

129 96.9 73.4 110.0

131 90.9 70.6 106.0





#65

Chlorobenzene

Concen: 50.396 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

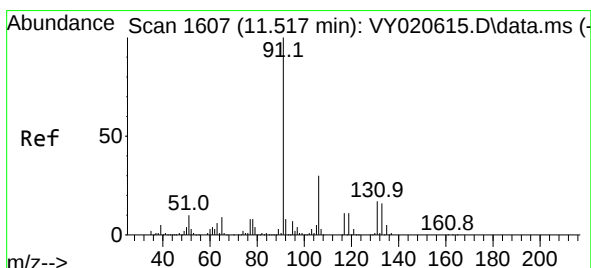
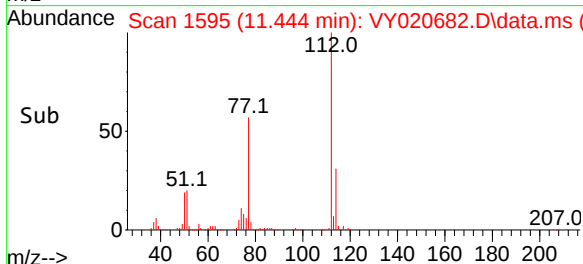
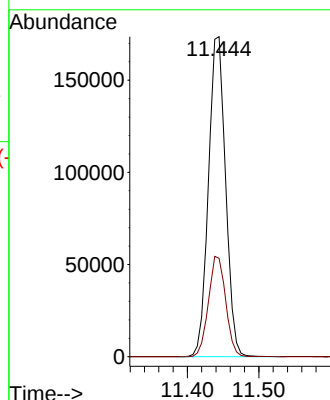
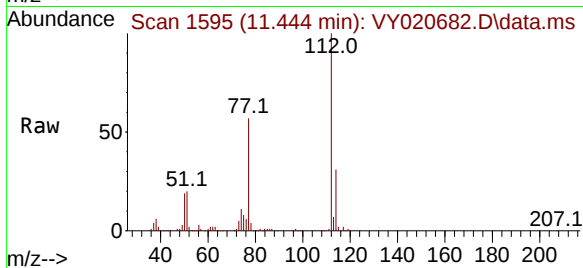
ClientSampleId :

Tgt Ion:112 Resp: 288406

Ion Ratio Lower Upper

112 100

114 30.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.120 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

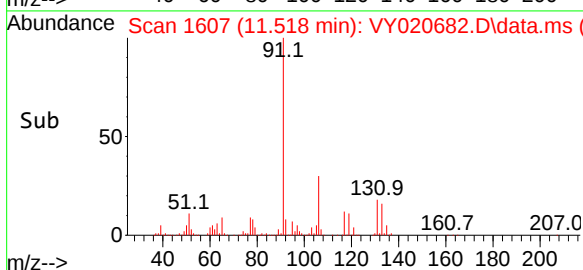
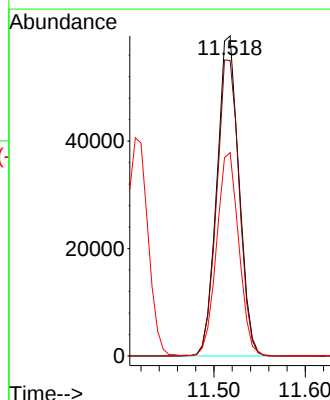
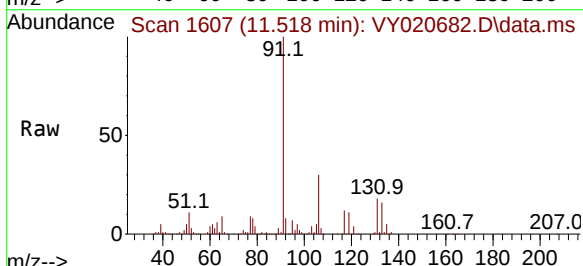
Tgt Ion:131 Resp: 100036

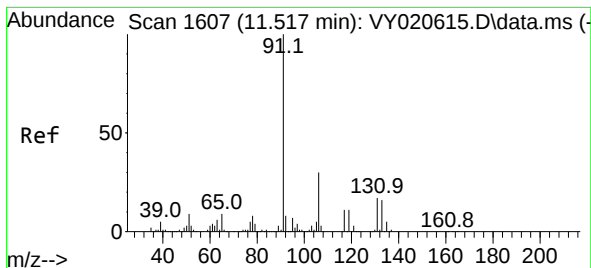
Ion Ratio Lower Upper

131 100

133 94.5 46.8 140.3

119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 49.283 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

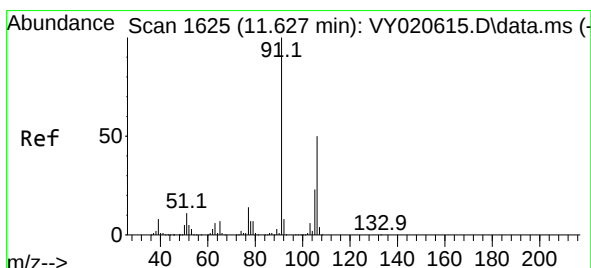
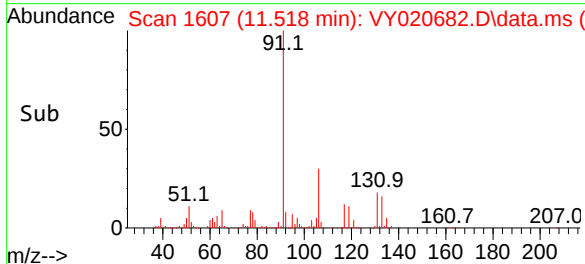
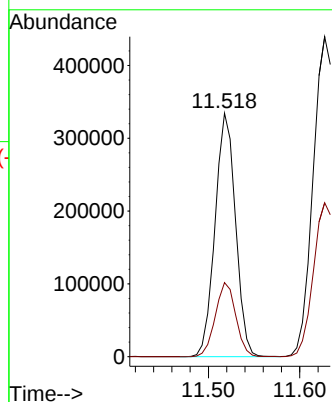
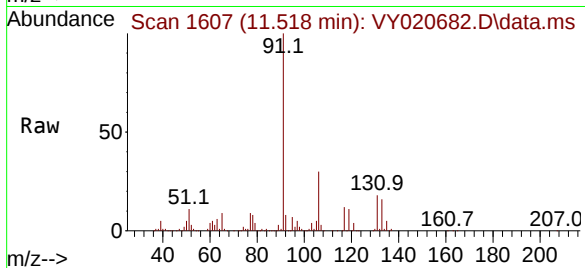
ClientSampleId :

Tgt Ion: 91 Resp: 520329

Ion Ratio Lower Upper

91 100

106 30.4 23.9 35.9



#68

m/p-Xylenes

Concen: 98.385 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020682.D

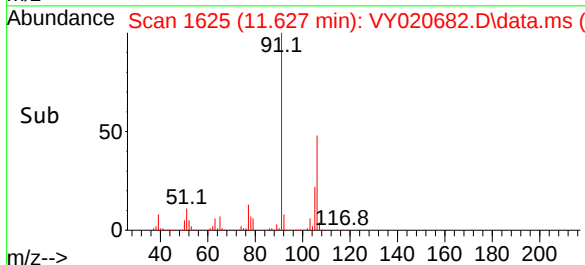
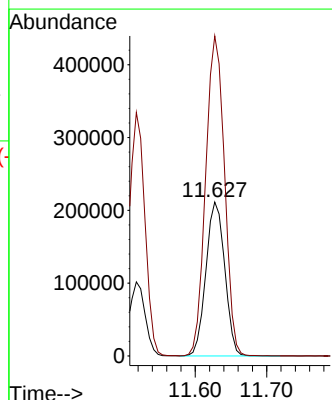
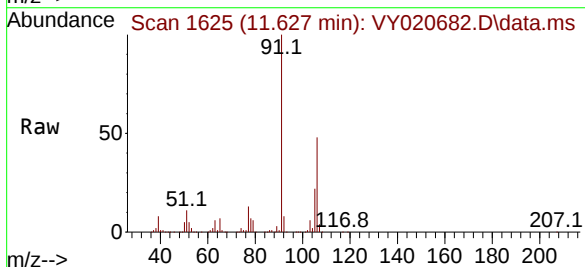
Acq: 20 Dec 2024 19:35

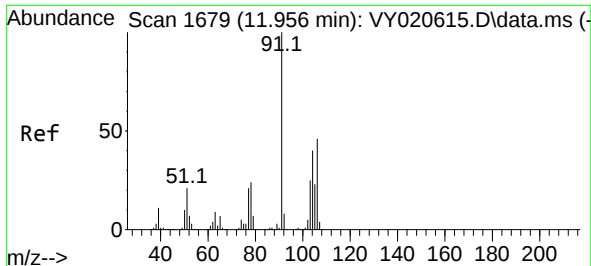
Tgt Ion: 106 Resp: 386215

Ion Ratio Lower Upper

106 100

91 207.9 165.0 247.4





#69

o-Xylene

Concen: 49.791 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

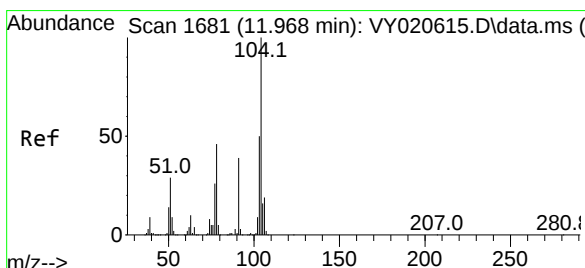
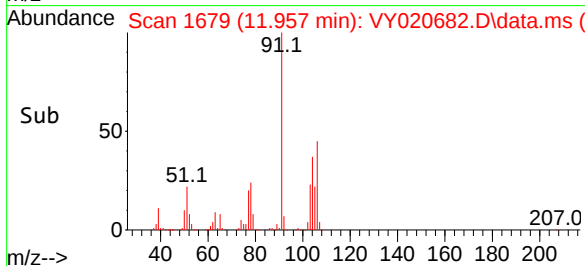
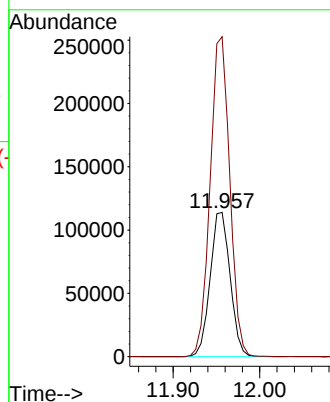
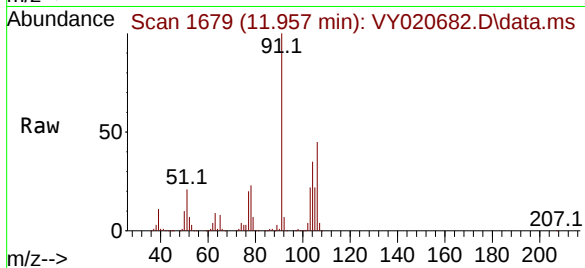
ClientSampleId :

Tgt Ion:106 Resp: 182369

Ion Ratio Lower Upper

106 100

91 218.7 108.4 325.2



#70

Styrene

Concen: 50.345 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

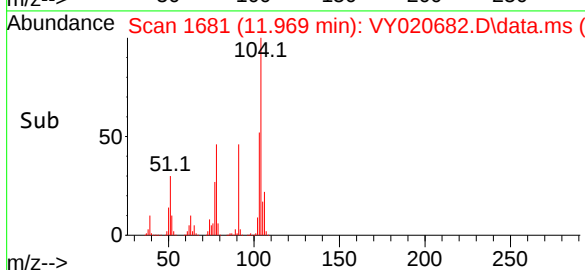
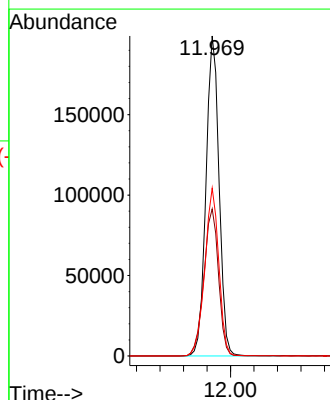
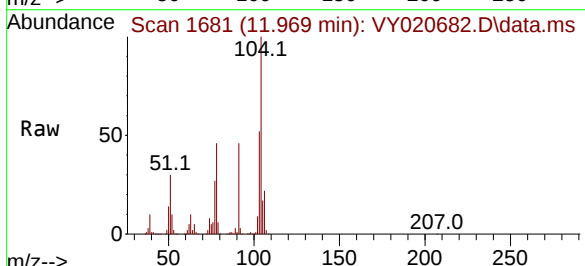
Tgt Ion:104 Resp: 308084

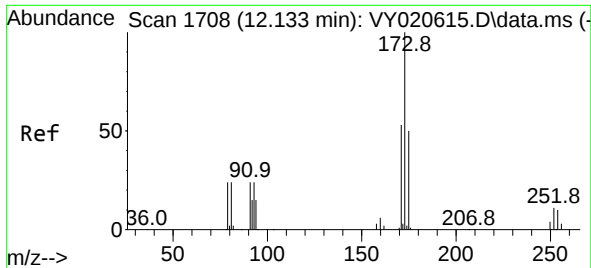
Ion Ratio Lower Upper

104 100

78 51.4 41.6 62.4

103 56.1 43.7 65.5

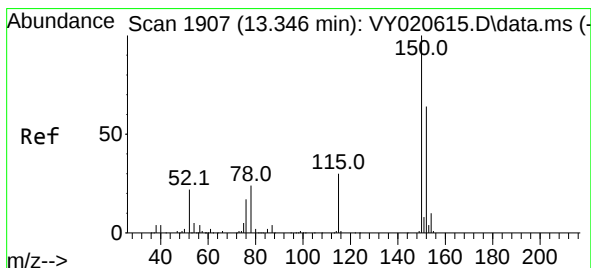
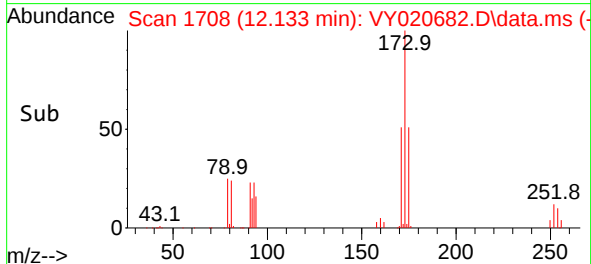
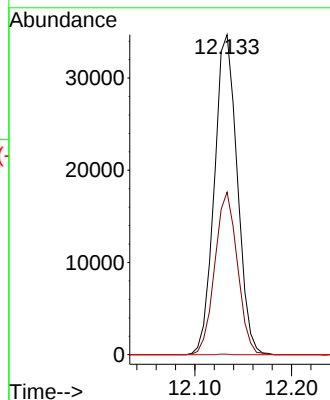
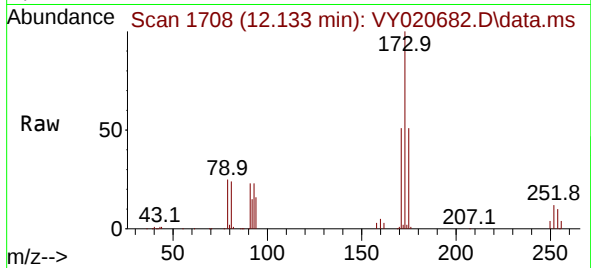




#71
Bromoform
Concen: 51.813 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

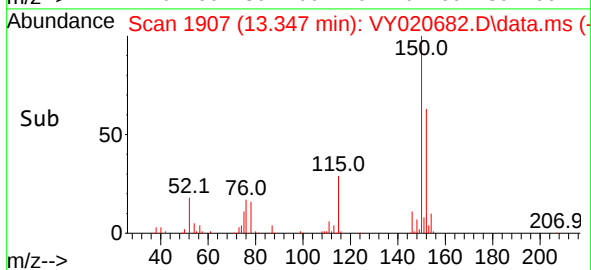
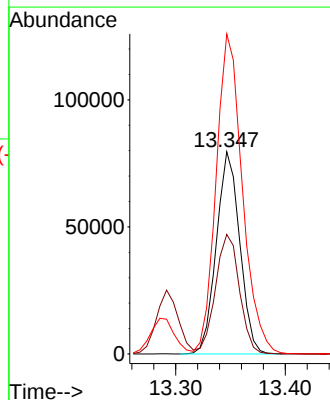
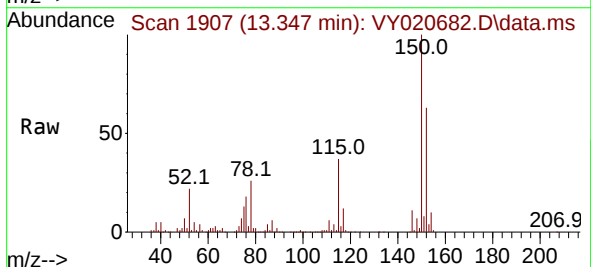
Instrument :
MSVOA_Y
ClientSampleId :

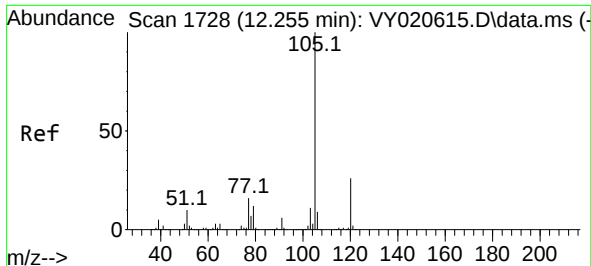
Tgt Ion:173 Resp: 57006
Ion Ratio Lower Upper
173 100
175 50.2 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

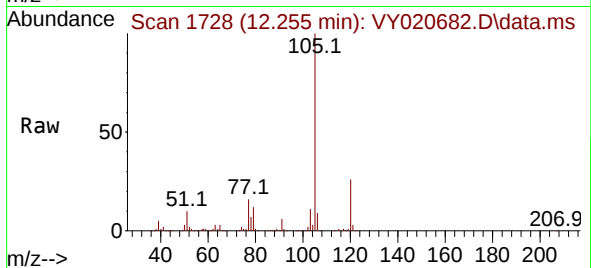
Tgt Ion:152 Resp: 118027
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 177.6 0.0 355.4



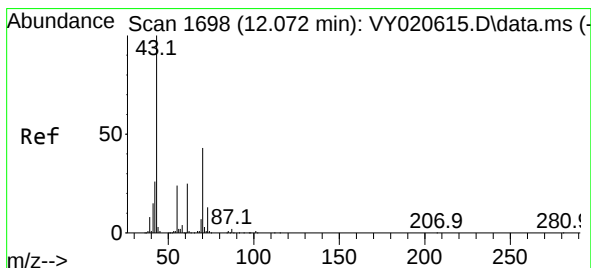
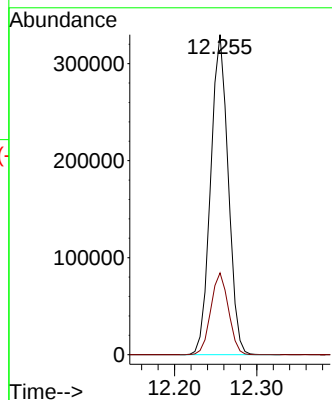
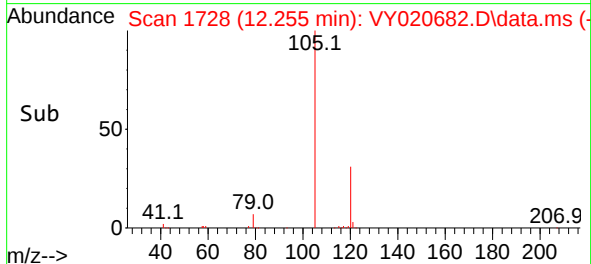


#73
Isopropylbenzene
Concen: 47.402 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

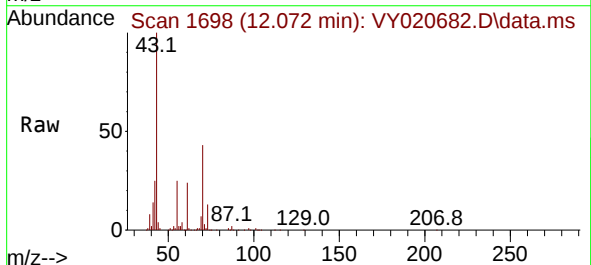
Instrument :
MSVOA_Y
ClientSampleId :



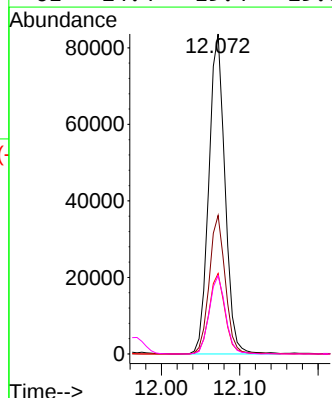
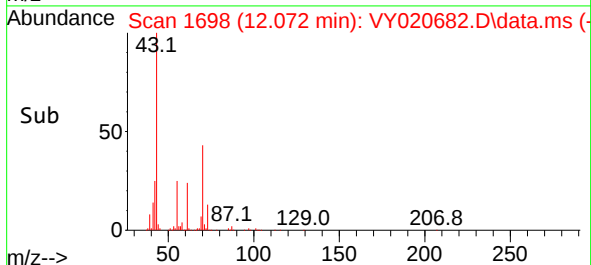
Tgt Ion:105 Resp: 488221
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

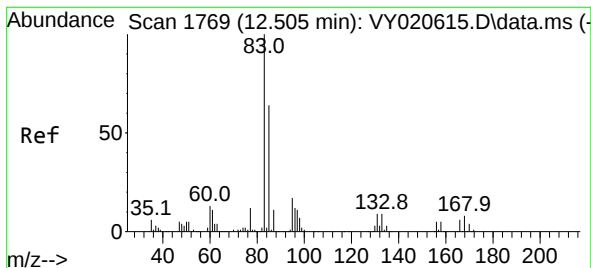


#74
N-ethyl acetate
Concen: 49.676 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35



Tgt Ion: 43 Resp: 119742
Ion Ratio Lower Upper
43 100
70 43.1 34.2 51.2
55 25.0 19.6 29.4
61 24.4 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.155 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

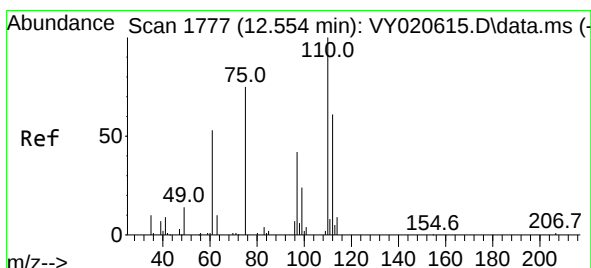
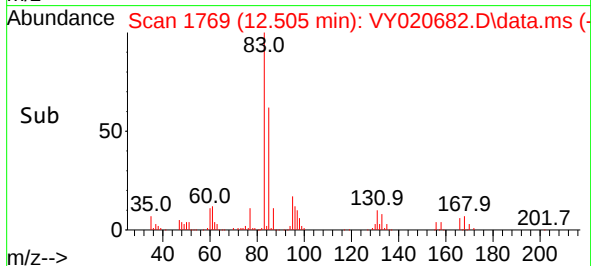
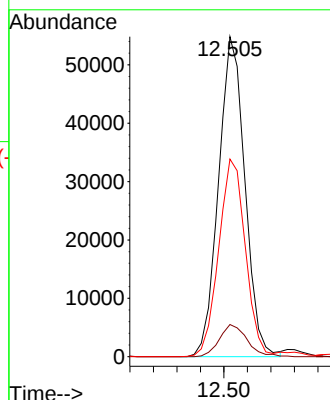
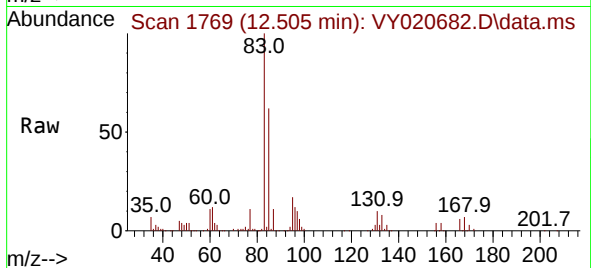
Tgt Ion: 83 Resp: 85524

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 62.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 89.947 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY020682.D

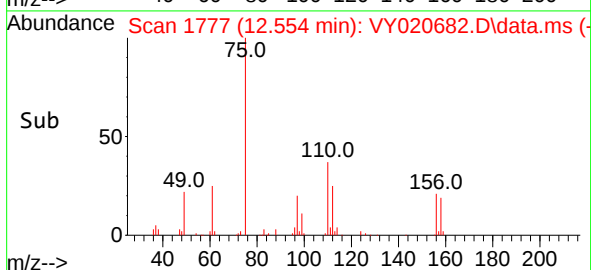
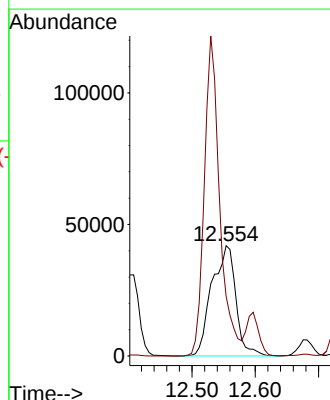
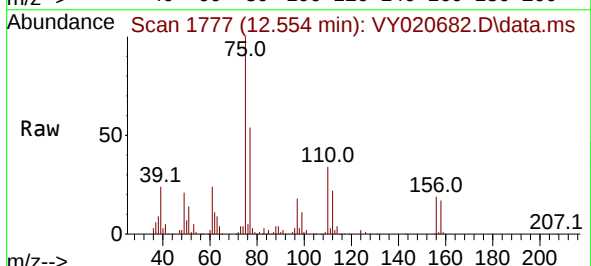
Acq: 20 Dec 2024 19:35

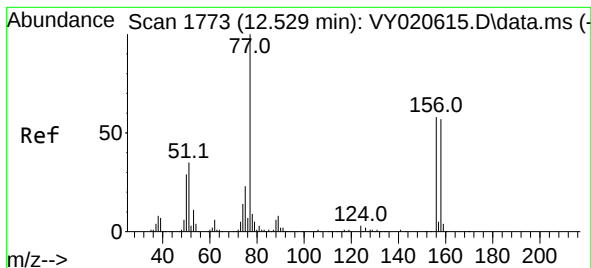
Tgt Ion: 75 Resp: 110281

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.582 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020682.D

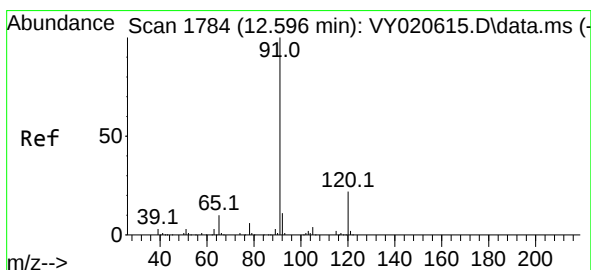
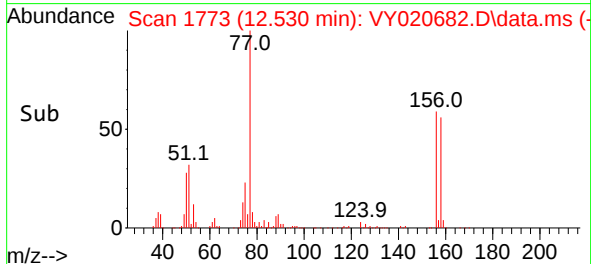
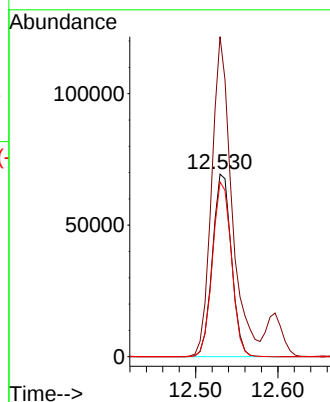
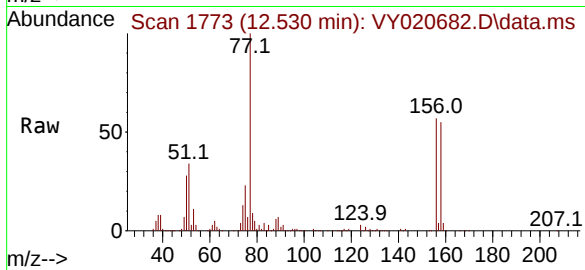
Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	111242
Ion Ratio	Lower	Upper	
156	100		
77	186.5	94.2	282.4
158	95.9	48.9	146.6



#78

n-propylbenzene

Concen: 47.158 ug/l

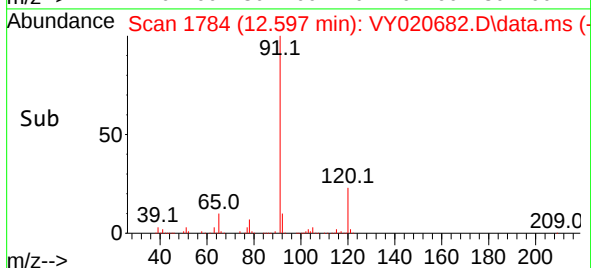
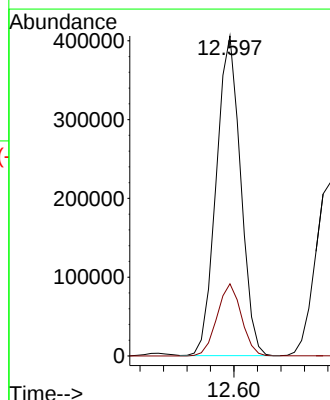
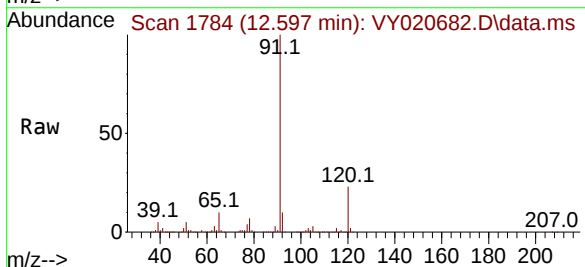
RT: 12.597 min Scan# 1784

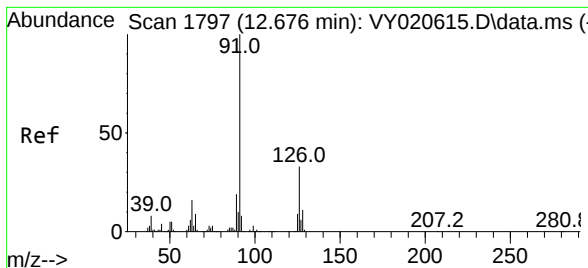
Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Tgt Ion:	91	Resp:	585185
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.1	33.1

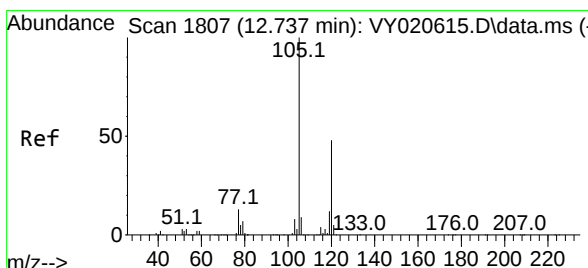
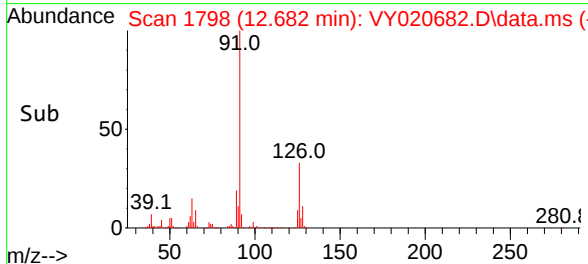
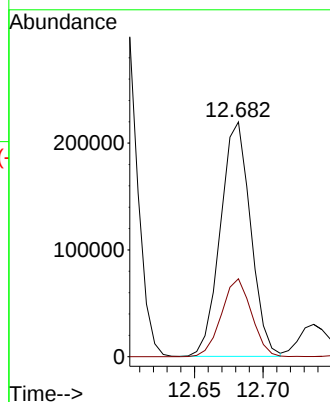
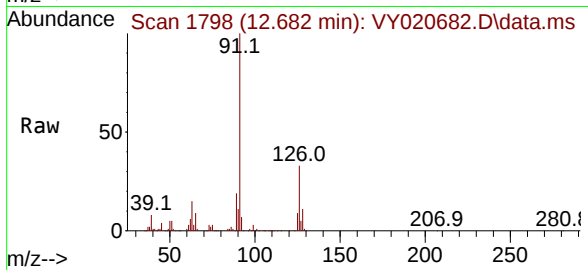




#79
2-Chlorotoluene
Concen: 48.298 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

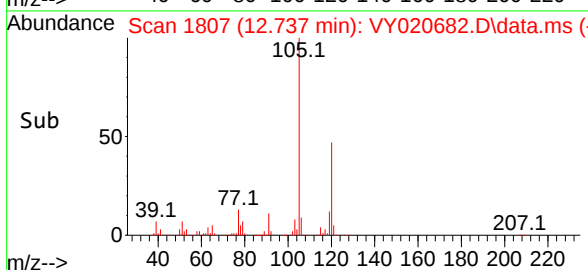
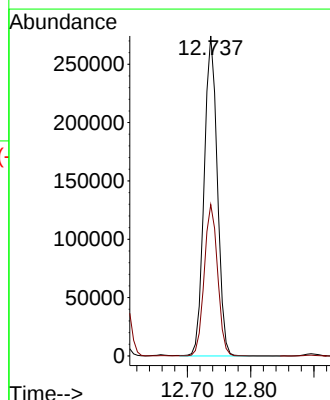
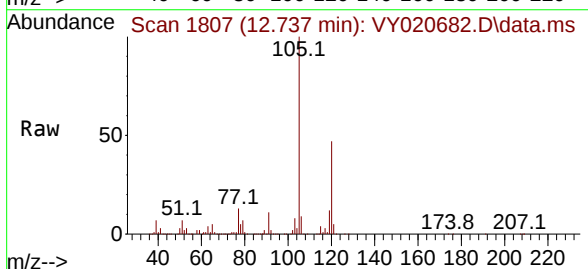
Instrument :
MSVOA_Y
ClientSampleId :

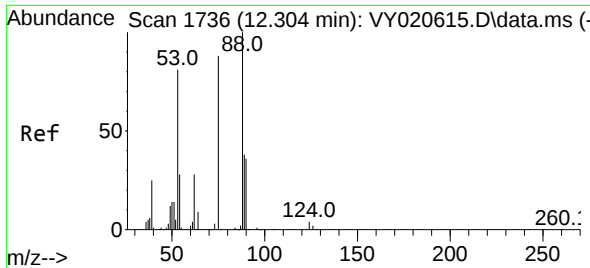
Tgt Ion: 91 Resp: 337195
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 47.693 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion:105 Resp: 398582
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

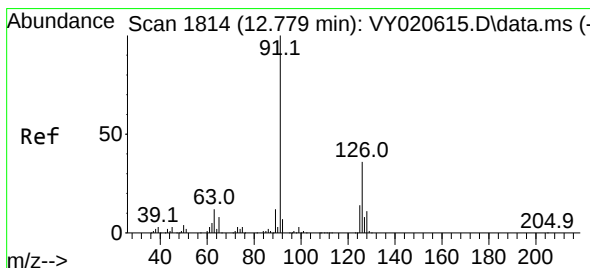
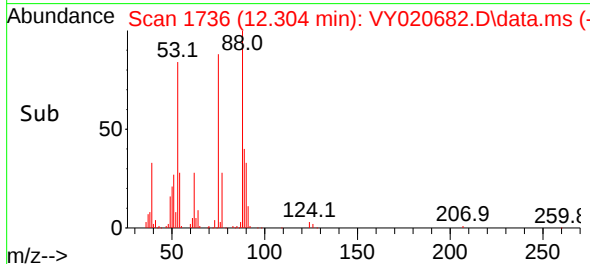
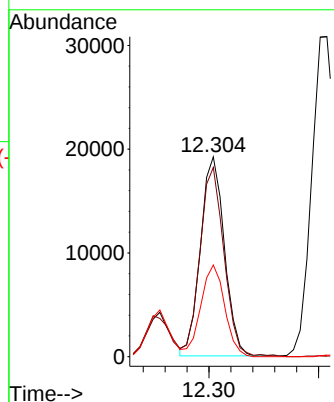
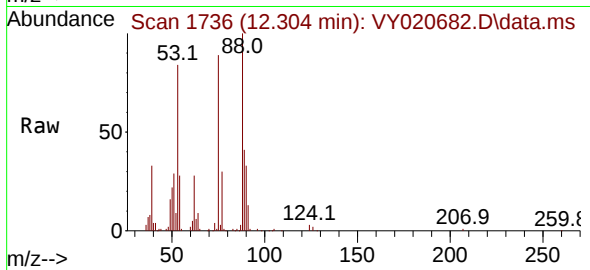




#81
trans-1,4-Dichloro-2-butene
Concen: 49.831 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

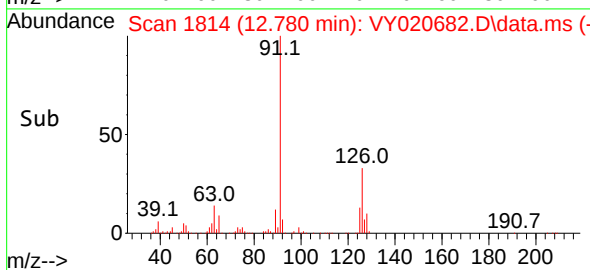
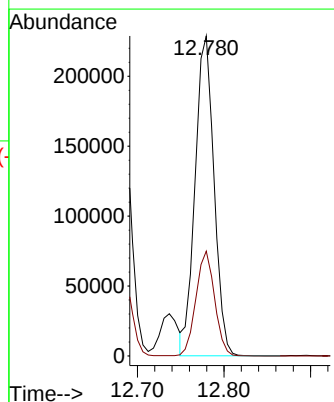
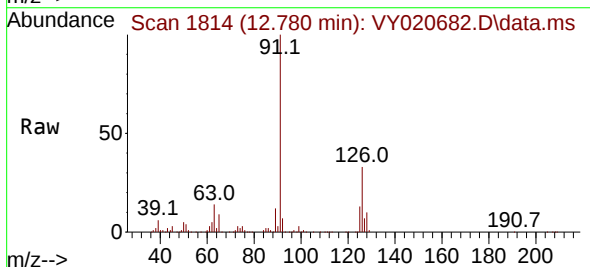
Instrument :
MSVOA_Y
ClientSampleId :

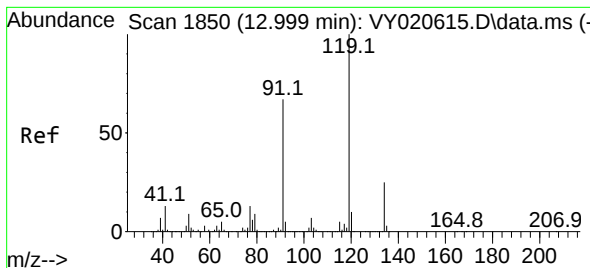
Tgt Ion: 75 Resp: 29107
Ion Ratio Lower Upper
75 100
53 96.0 75.4 113.2
89 46.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.838 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020682.D
Acq: 20 Dec 2024 19:35

Tgt Ion: 91 Resp: 346496
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.7





#83

tert-Butylbenzene

Concen: 47.095 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

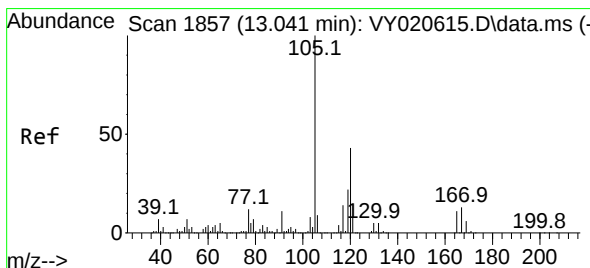
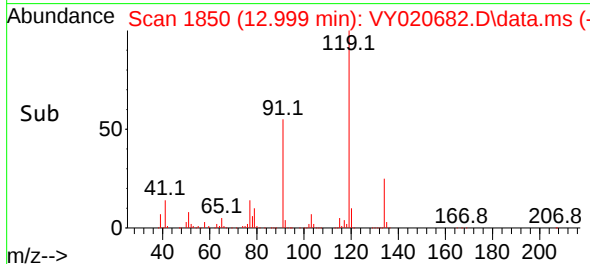
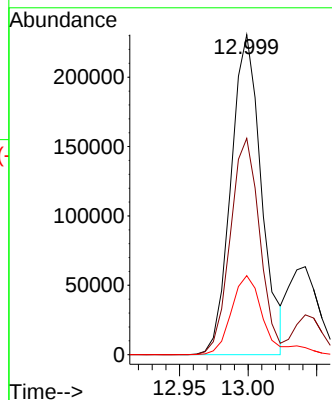
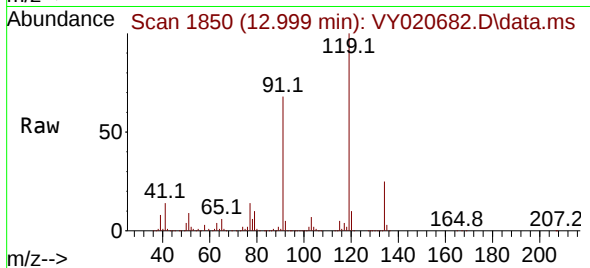
Tgt Ion:119 Resp: 356447

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 26.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 48.012 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020682.D

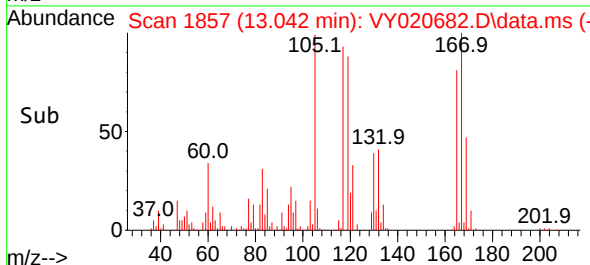
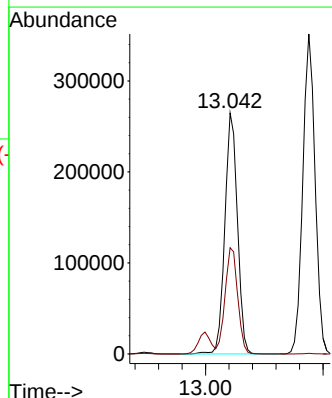
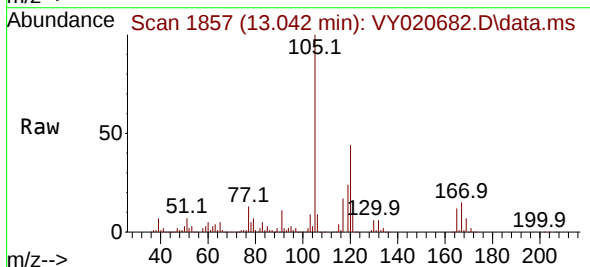
Acq: 20 Dec 2024 19:35

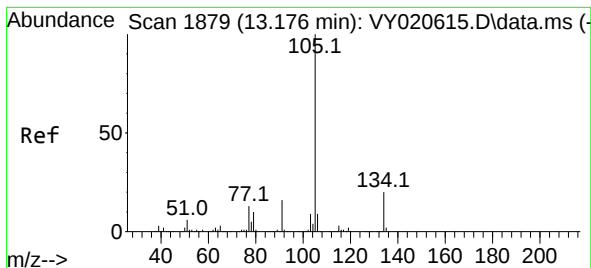
Tgt Ion:105 Resp: 393582

Ion Ratio Lower Upper

105 100

120 44.1 21.8 65.4





#85

sec-Butylbenzene

Concen: 46.404 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

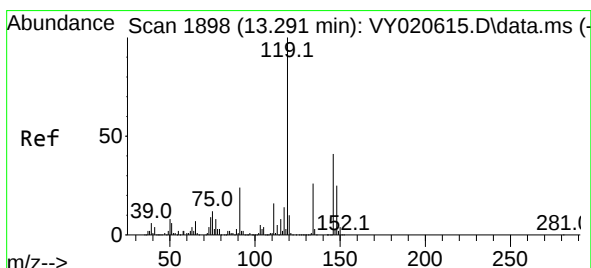
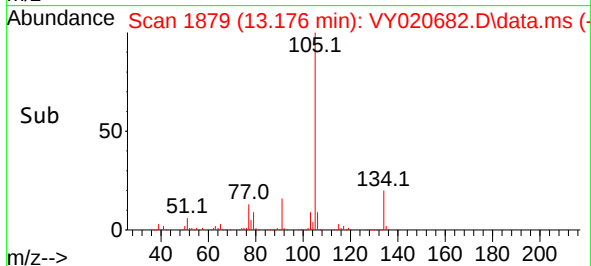
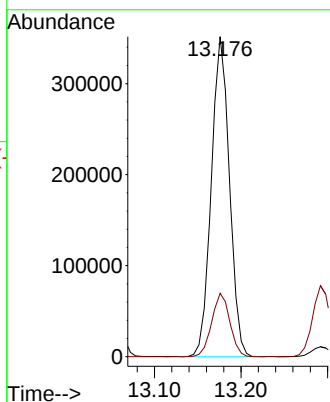
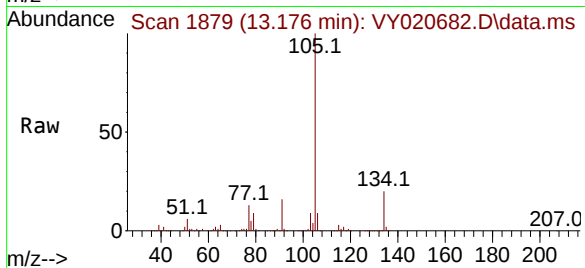
ClientSampleId :

Tgt Ion:105 Resp: 510662

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 47.333 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

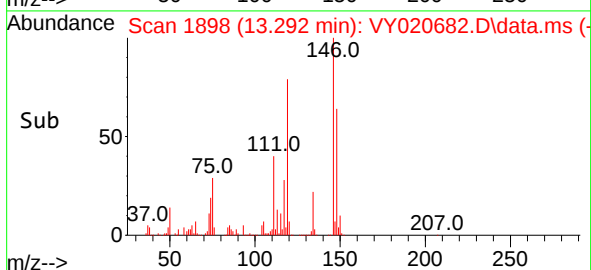
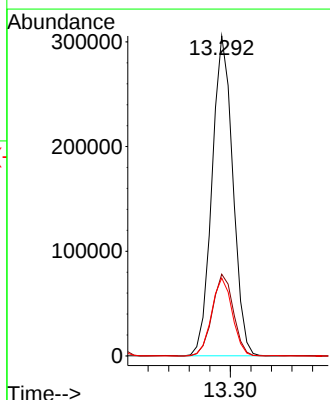
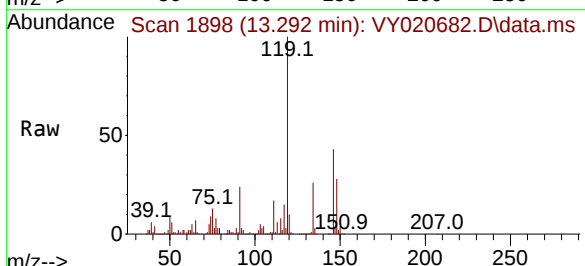
Tgt Ion:119 Resp: 429462

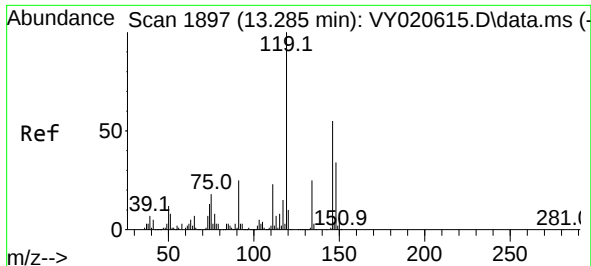
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.040 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

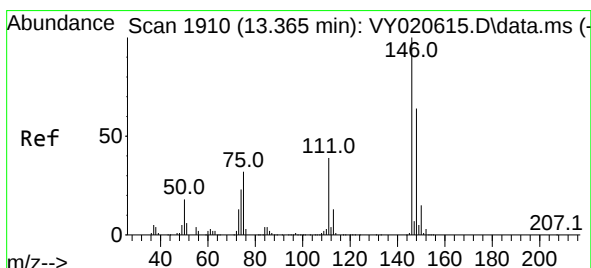
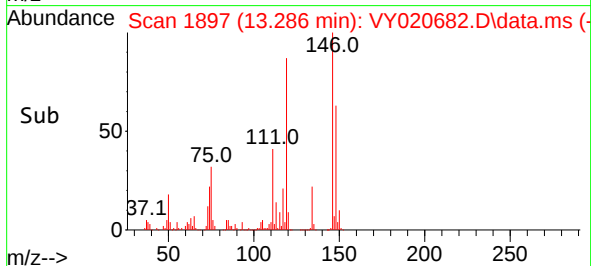
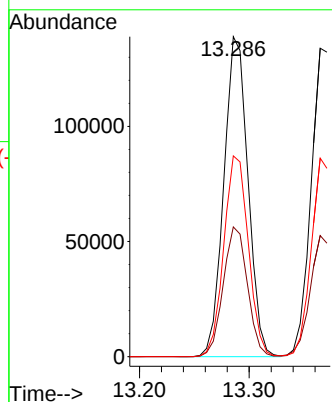
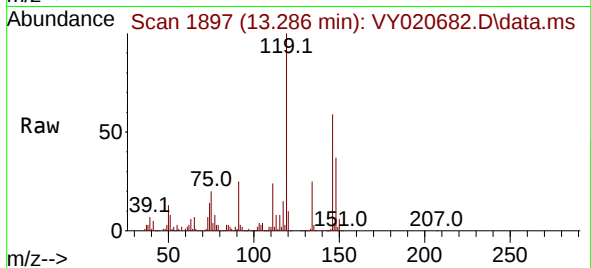
Tgt Ion:146 Resp: 212764

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

148 63.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 47.998 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

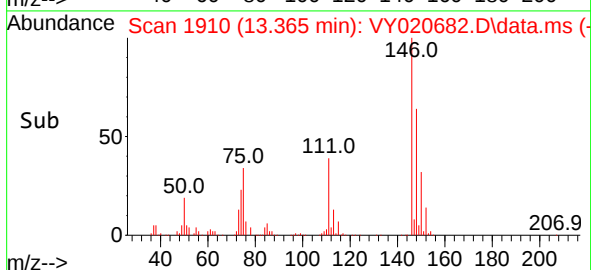
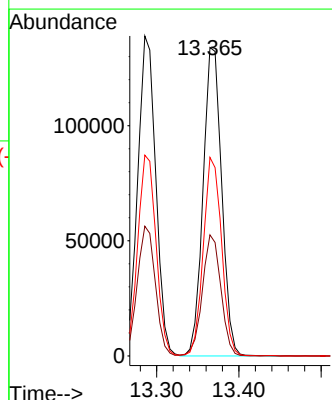
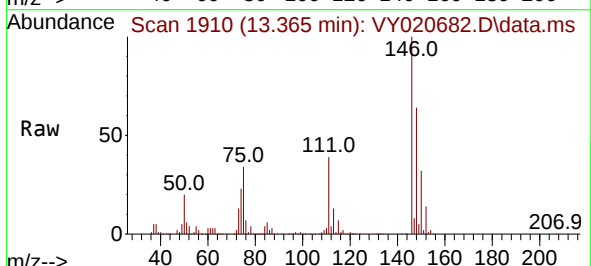
Tgt Ion:146 Resp: 210538

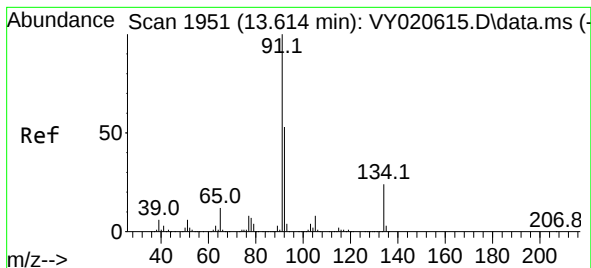
Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

148 63.3 31.9 95.5





#89

n-Butylbenzene

Concen: 46.895 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

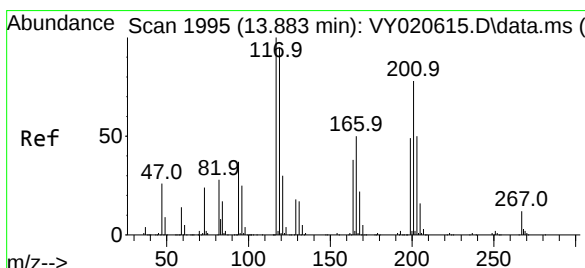
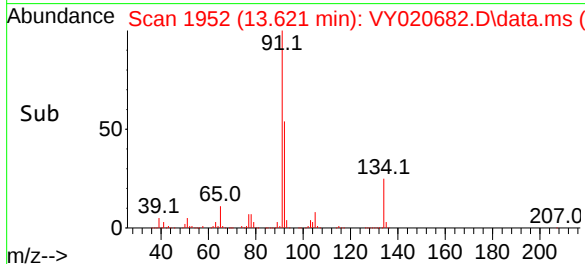
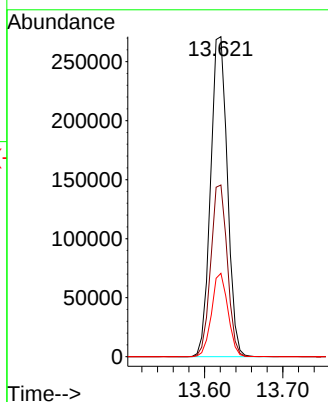
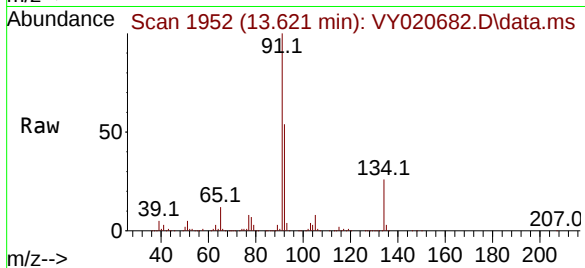
Tgt Ion: 91 Resp: 403246

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.4

134 25.4 12.5 37.5



#90

Hexachloroethane

Concen: 47.992 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020682.D

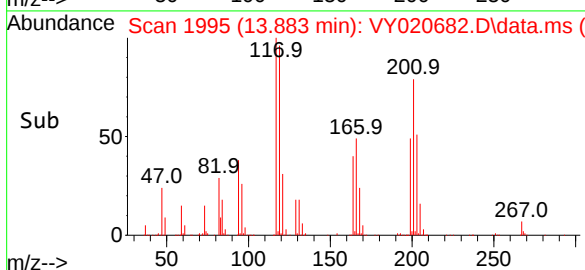
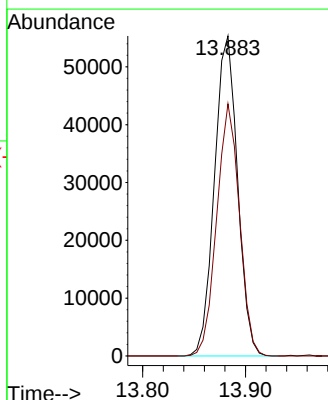
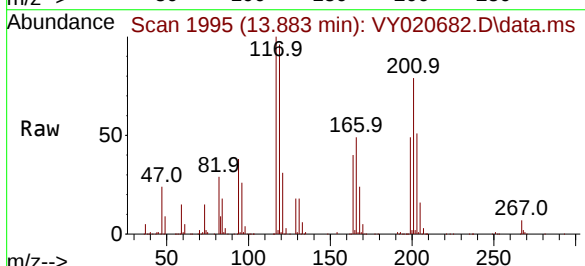
Acq: 20 Dec 2024 19:35

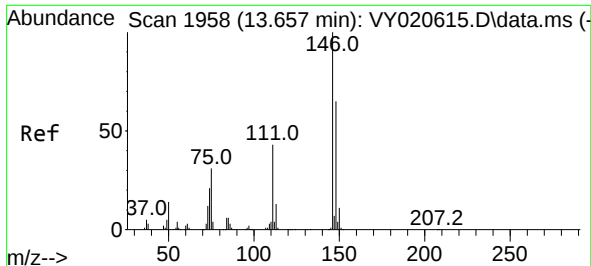
Tgt Ion: 117 Resp: 86293

Ion Ratio Lower Upper

117 100

201 77.5 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 48.776 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

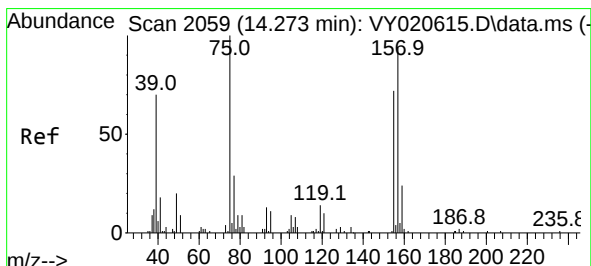
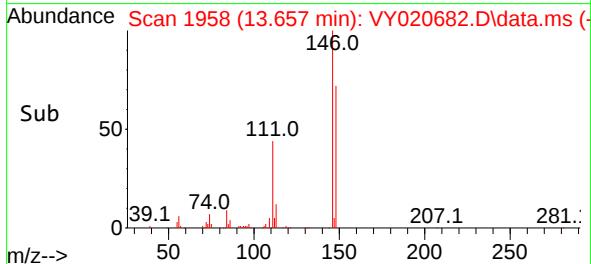
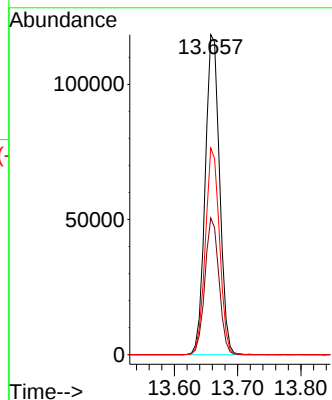
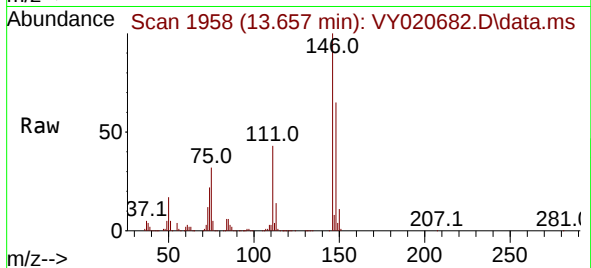
Tgt Ion:146 Resp: 187168

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.7

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.271 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

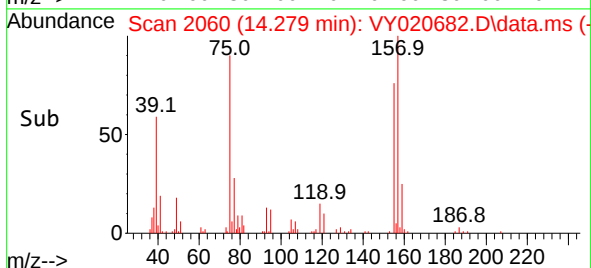
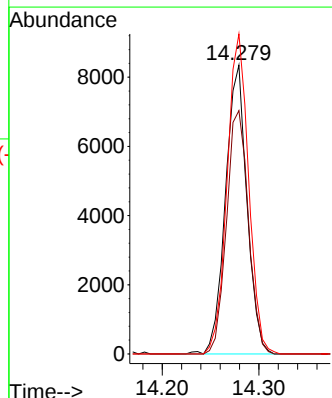
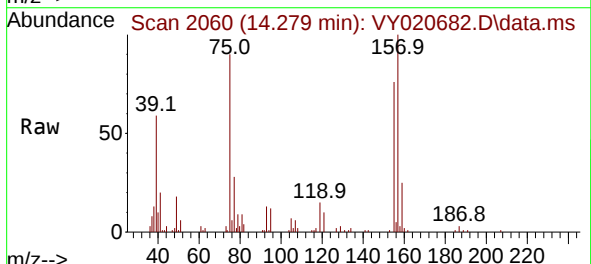
Tgt Ion: 75 Resp: 12831

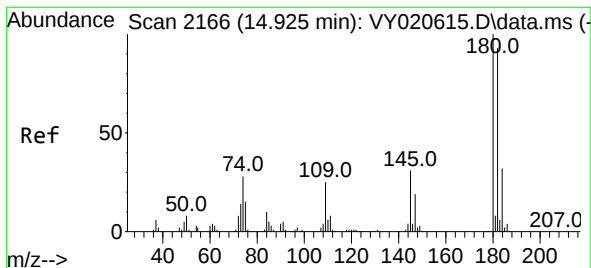
Ion Ratio Lower Upper

75 100

155 86.1 41.1 123.3

157 111.1 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 47.858 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

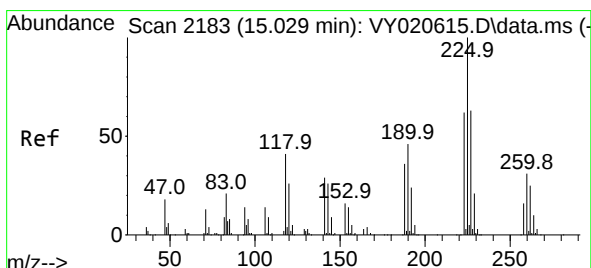
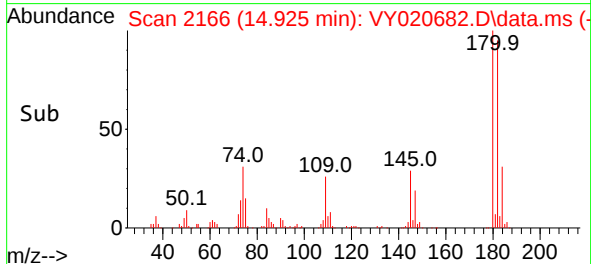
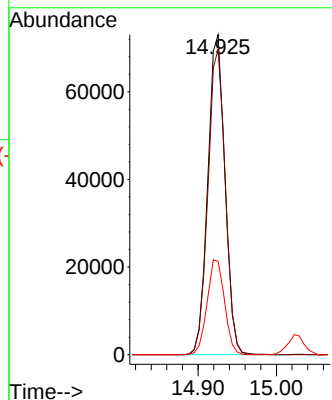
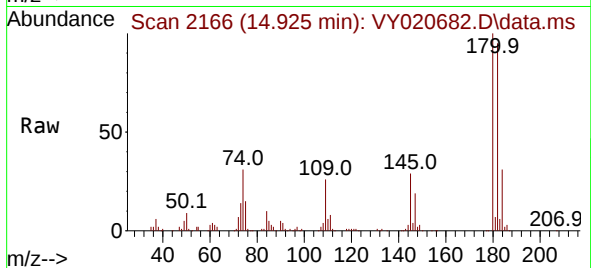
Tgt Ion:180 Resp: 111082

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 30.1 15.6 46.7



#94

Hexachlorobutadiene

Concen: 48.301 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

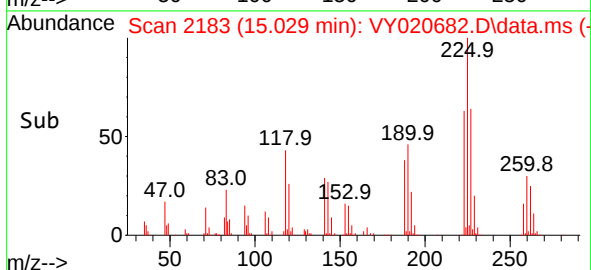
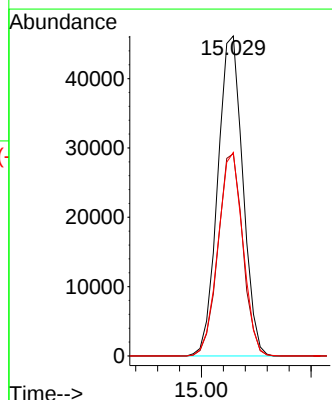
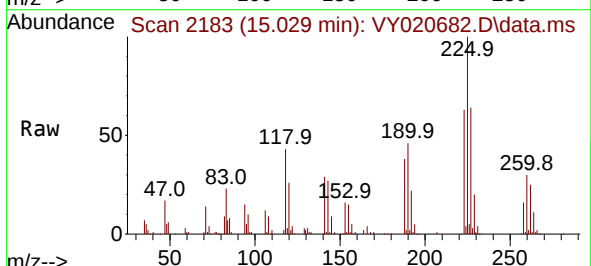
Tgt Ion:225 Resp: 73289

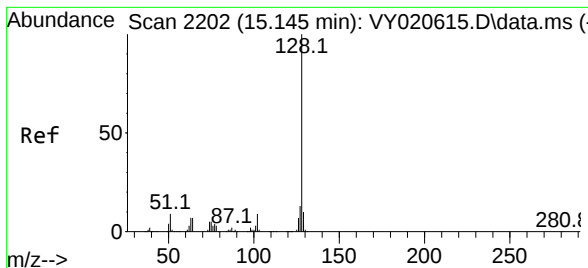
Ion Ratio Lower Upper

225 100

223 62.4 31.8 95.3

227 63.0 32.2 96.6





#95

Naphthalene

Concen: 50.583 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

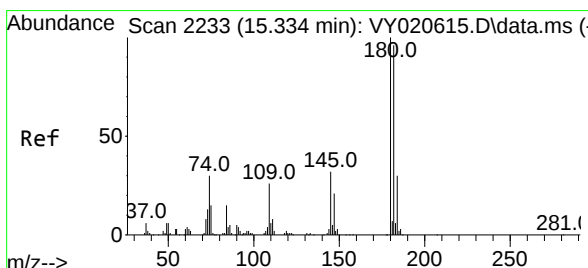
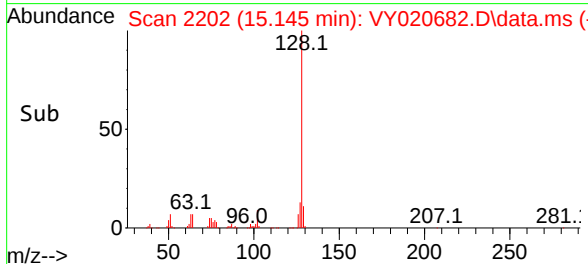
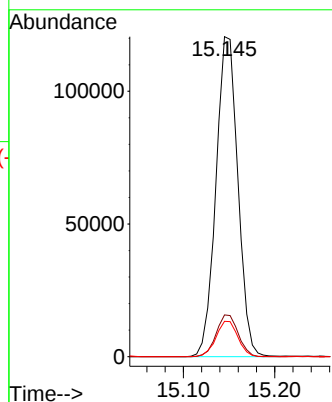
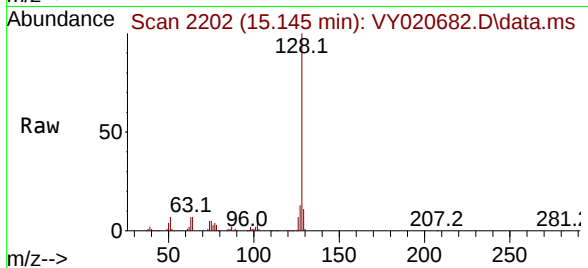
Tgt Ion:128 Resp: 201284

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 48.917 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020682.D

Acq: 20 Dec 2024 19:35

Tgt Ion:180 Resp: 95931

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 32.1 16.0 48.0

