

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020643.D
 Acq On : 18 Dec 2024 18:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 02:51:44 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	203067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	325962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	292262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	163091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107891	48.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.634	113	112669	49.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.103	98	386934	48.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.402	95	147366	46.852	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	107759	42.485	ug/l	96
3) Chloromethane	2.068	50	94039	50.039	ug/l	97
4) Vinyl Chloride	2.202	62	90996	52.022	ug/l	97
5) Bromomethane	2.592	94	63519	56.492	ug/l	99
6) Chloroethane	2.733	64	62374	57.705	ug/l	96
7) Trichlorofluoromethane	3.056	101	174768	47.750	ug/l	98
8) Diethyl Ether	3.452	74	72934	56.819	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	125653	47.896	ug/l	98
10) Methyl Iodide	4.001	142	162604	55.671	ug/l	96
11) Tert butyl alcohol	4.860	59	55613	236.442	ug/l	100
12) 1,1-Dichloroethene	3.787	96	127926	50.256	ug/l	95
13) Acrolein	3.653	56	18264	173.675	ug/l	96
14) Allyl chloride	4.385	41	213176	47.794	ug/l	98
15) Acrylonitrile	5.055	53	158352	257.868	ug/l	99
16) Acetone	3.867	43	134791	306.528	ug/l	99
17) Carbon Disulfide	4.104	76	412394	49.772	ug/l	100
18) Methyl Acetate	4.385	43	82613	54.596	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	349109	53.137	ug/l	98
20) Methylene Chloride	4.610	84	144382	52.214	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	144949	50.764	ug/l	96
22) Diisopropyl ether	6.019	45	452592	49.989	ug/l	98
23) Vinyl Acetate	5.958	43	1193649	232.780	ug/l	98
24) 1,1-Dichloroethane	5.915	63	266732	50.289	ug/l	99
25) 2-Butanone	6.890	43	205189	248.257	ug/l	95
26) 2,2-Dichloropropane	6.884	77	184126	36.722	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	170638	51.942	ug/l	93
28) Bromochloromethane	7.244	49	98192	54.885	ug/l	94
29) Tetrahydrofuran	7.256	42	132716	254.361	ug/l	97
30) Chloroform	7.421	83	279953	52.868	ug/l	99
31) Cyclohexane	7.695	56	214439	42.283	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	238580	48.961	ug/l	98
36) 1,1-Dichloropropene	7.835	75	188310	44.953	ug/l	98
37) Ethyl Acetate	6.982	43	92033	46.707	ug/l	97
38) Carbon Tetrachloride	7.817	117	212238	45.794	ug/l	95
39) Methylcyclohexane	9.103	83	239401	43.848	ug/l	99
40) Benzene	8.079	78	595148	48.470	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020643.D
 Acq On : 18 Dec 2024 18:00
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 19 02:51:44 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)
41) Methacrylonitrile	7.220	41	50102	48.096	ug/l	95
42) 1,2-Dichloroethane	8.158	62	159024	48.832	ug/l	98
43) Isopropyl Acetate	8.195	43	180182	48.301	ug/l	97
44) Trichloroethene	8.860	130	148664	49.274	ug/l	99
45) 1,2-Dichloropropane	9.140	63	141178	49.196	ug/l	99
46) Dibromomethane	9.225	93	77919	51.377	ug/l	98
47) Bromodichloromethane	9.420	83	203637	49.708	ug/l	99
48) Methyl methacrylate	9.219	41	86076	48.538	ug/l	95
49) 1,4-Dioxane	9.231	88	18054	1038.025	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	468337	237.851	ug/l	96
52) Toluene	10.170	92	374520	49.081	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	183802	48.150	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	215579	47.659	ug/l	96
55) 1,1,2-Trichloroethane	10.567	97	103207	51.471	ug/l	97
56) Ethyl methacrylate	10.438	69	153276	52.691	ug/l	93
57) 1,3-Dichloropropane	10.713	76	181903	50.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	311600	254.578	ug/l	97
59) 2-Hexanone	10.756	43	316795	250.588	ug/l	97
60) Dibromochloromethane	10.908	129	137963	51.448	ug/l	99
61) 1,2-Dibromoethane	11.012	107	97041	52.029	ug/l	100
64) Tetrachloroethene	10.646	164	164440	59.817	ug/l	98
65) Chlorobenzene	11.438	112	400755	49.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	139862	50.051	ug/l	99
67) Ethyl Benzene	11.518	91	706659	46.872	ug/l	97
68) m/p-Xylenes	11.627	106	531462	94.810	ug/l	100
69) o-Xylene	11.950	106	256214	48.988	ug/l	99
70) Styrene	11.969	104	435437	49.830	ug/l	99
71) Bromoform	12.127	173	80067	50.963	ug/l #	99
73) Isopropylbenzene	12.249	105	658114	46.241	ug/l	99
74) N-amyl acetate	12.066	43	160277	48.120	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	113286	49.037	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	145441	85.846	ug/l #	100
77) Bromobenzene	12.530	156	153437	49.493	ug/l	98
78) n-propylbenzene	12.591	91	781770	45.592	ug/l	99
79) 2-Chlorotoluene	12.676	91	456118	47.280	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	537070	46.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	36085	44.708	ug/l	99
82) 4-Chlorotoluene	12.773	91	462466	46.207	ug/l	99
83) tert-Butylbenzene	12.993	119	483924	46.271	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	530579	46.840	ug/l	98
85) sec-Butylbenzene	13.176	105	684790	45.033	ug/l	100
86) p-Isopropyltoluene	13.292	119	576291	45.965	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	288882	47.204	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	285320	47.073	ug/l	99
89) n-Butylbenzene	13.615	91	533020	44.859	ug/l	99
90) Hexachloroethane	13.877	117	114496	46.082	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	255398	48.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17285	46.085	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	154231	48.087	ug/l	99
94) Hexachlorobutadiene	15.023	225	97051	46.288	ug/l	99
95) Naphthalene	15.145	128	280168	50.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	130752	48.251	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020643.D
Acq On : 18 Dec 2024 18:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 19 02:51:44 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

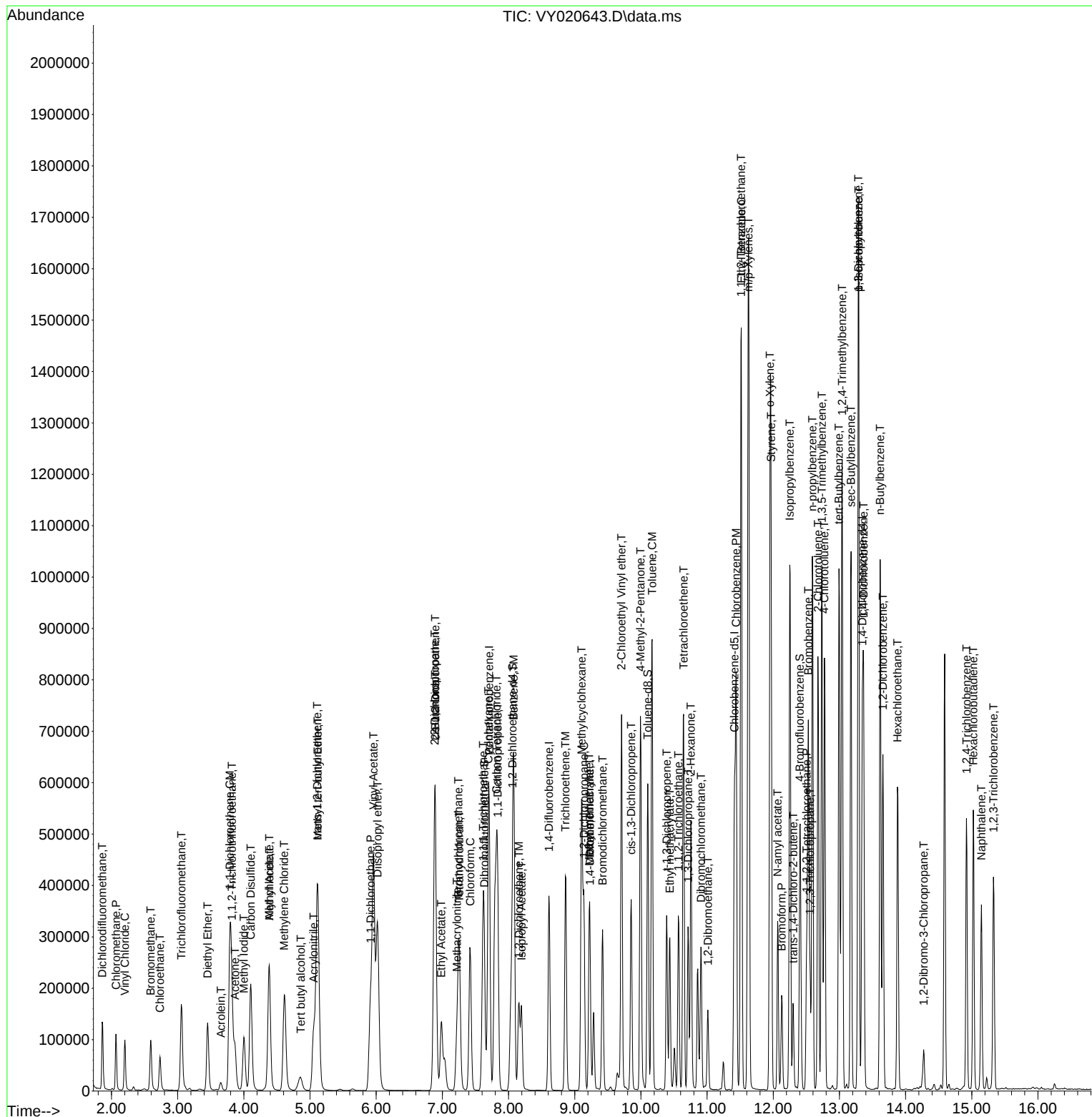
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

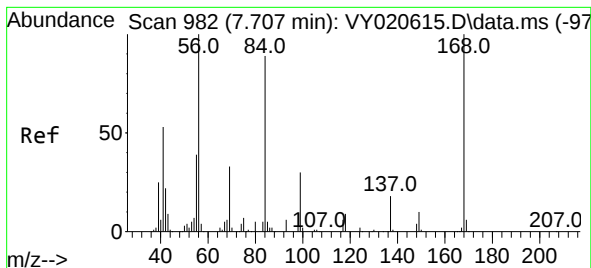
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020643.D
Acq On : 18 Dec 2024 18:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 19 02:51:44 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

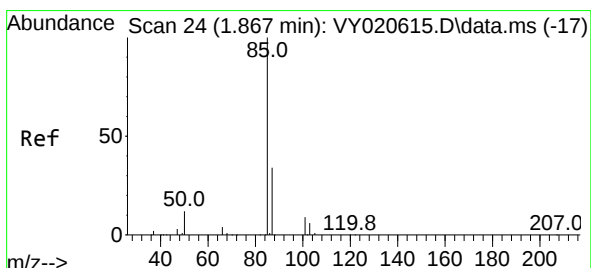
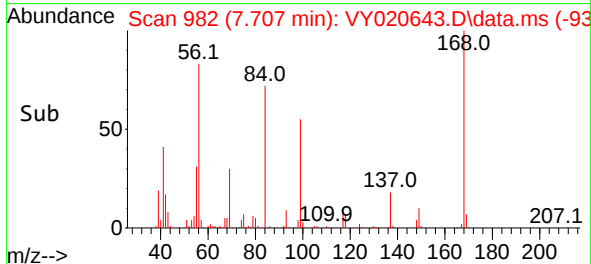
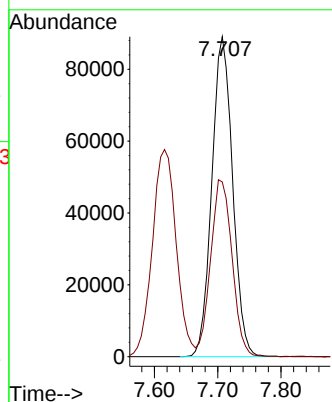
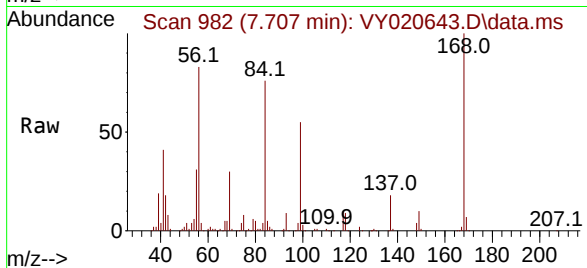
VSTDCCC050EC

Tgt Ion:168 Resp: 203067

Ion Ratio Lower Upper

168 100

99 54.6 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 42.485 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY020643.D

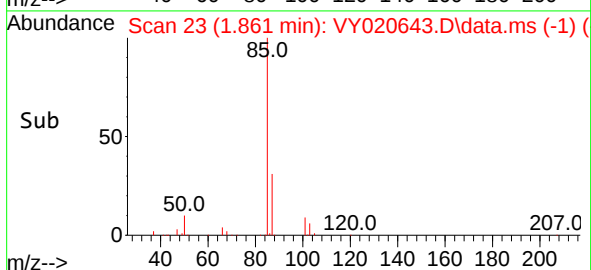
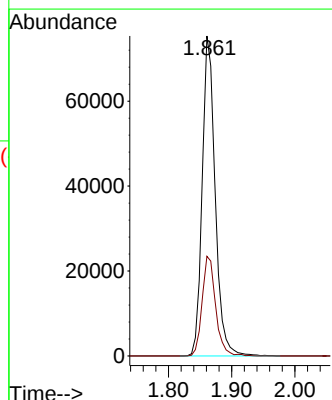
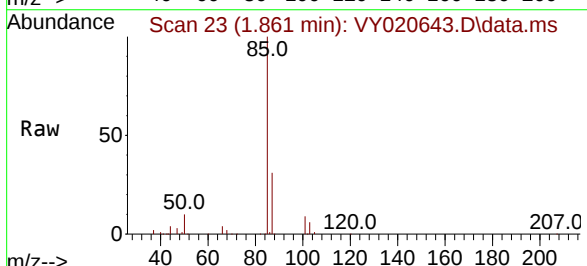
Acq: 18 Dec 2024 18:00

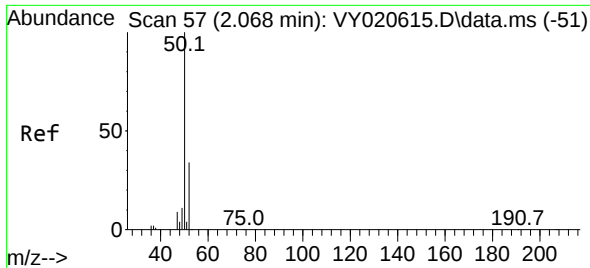
Tgt Ion: 85 Resp: 107759

Ion Ratio Lower Upper

85 100

87 31.2 16.8 50.3

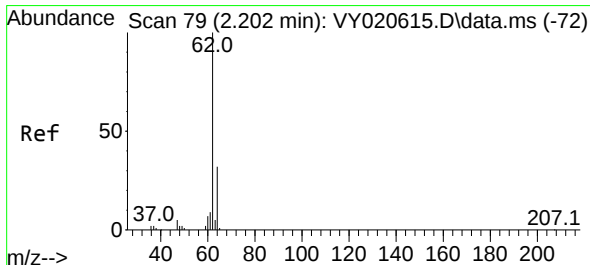
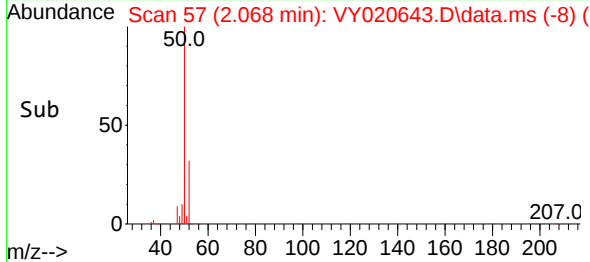
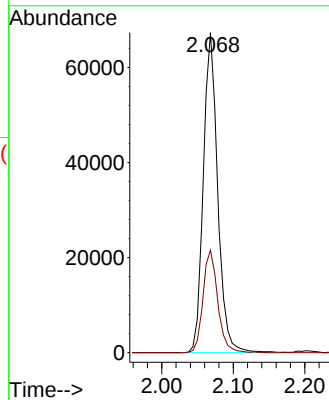
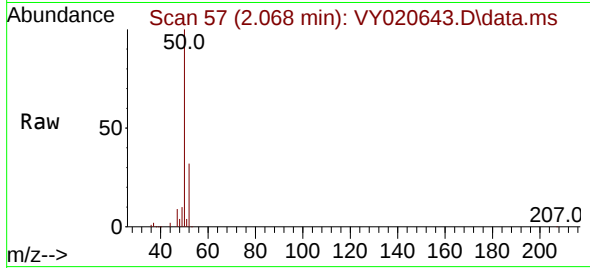




#3
Chloromethane
Concen: 50.039 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

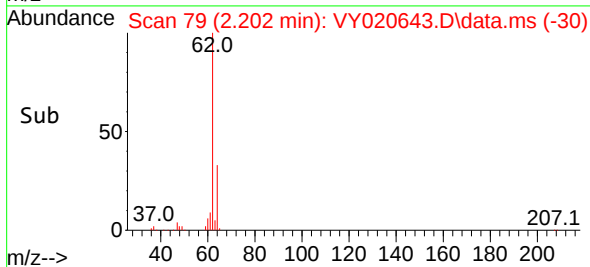
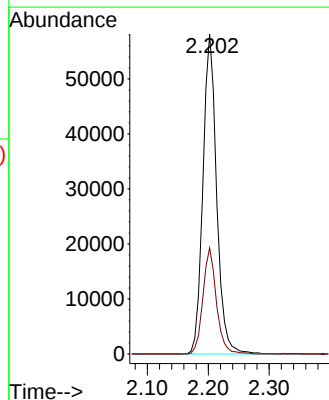
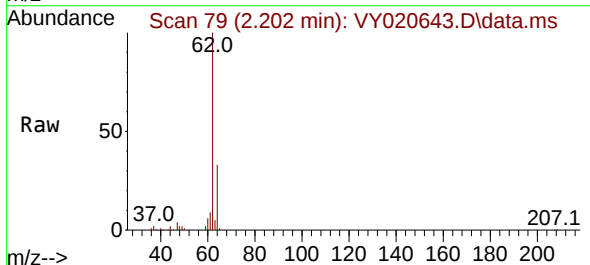
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

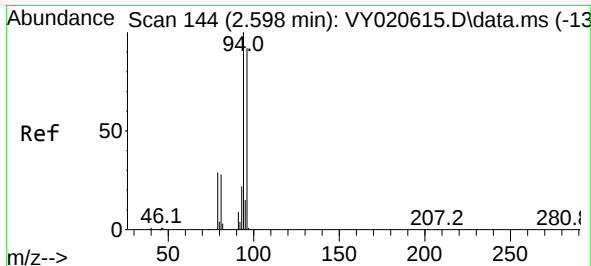
Tgt Ion: 50 Resp: 94039
Ion Ratio Lower Upper
50 100
52 32.0 26.8 40.2



#4
Vinyl Chloride
Concen: 52.022 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 62 Resp: 90996
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9

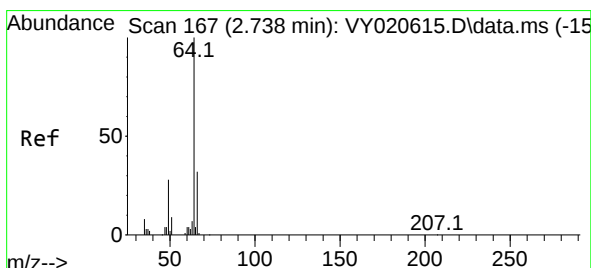
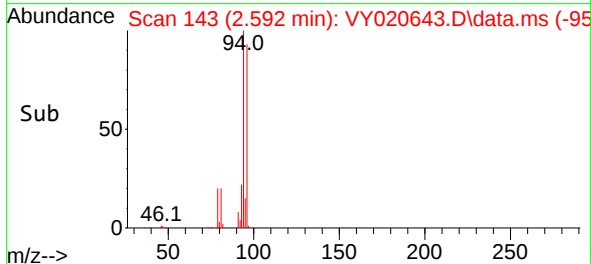
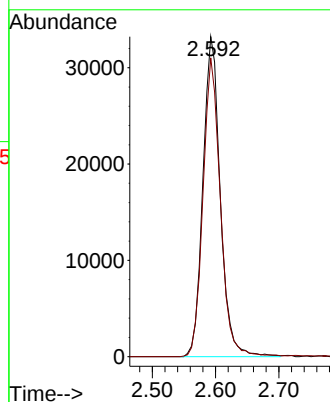
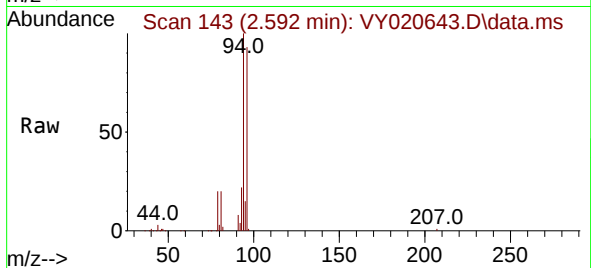




#5
Bromomethane
Concen: 56.492 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

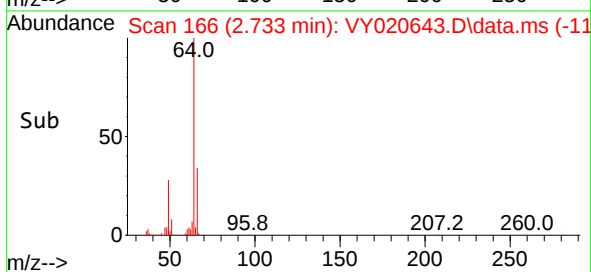
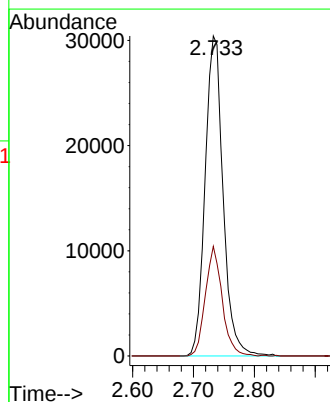
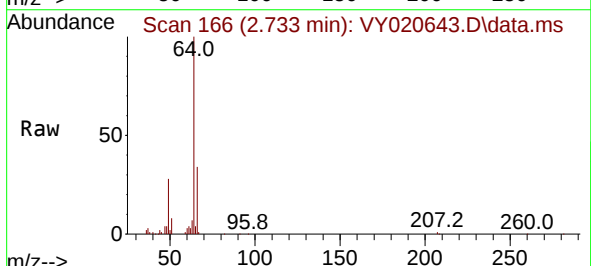
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

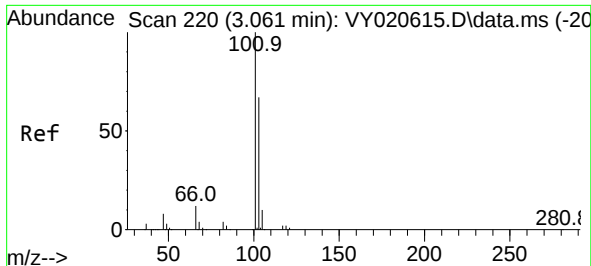
Tgt Ion: 94 Resp: 63519
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.6



#6
Chloroethane
Concen: 57.705 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 64 Resp: 62374
Ion Ratio Lower Upper
64 100
66 34.2 25.8 38.6

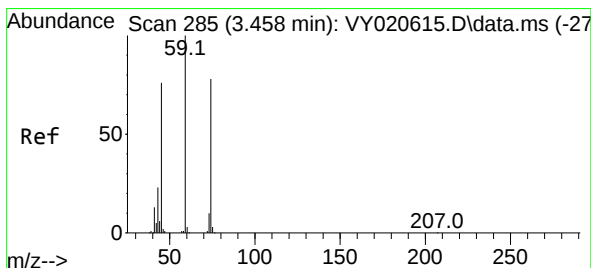
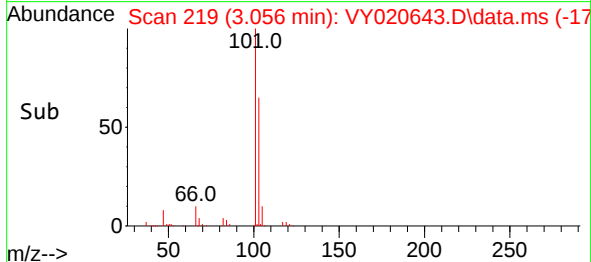
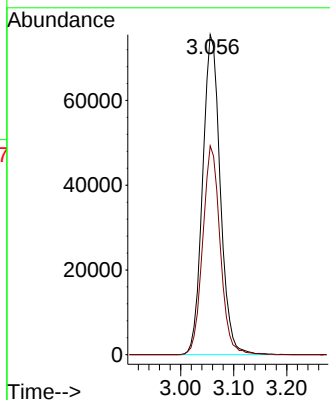
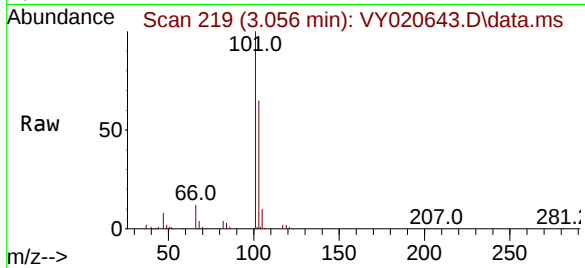




#7
Trichlorofluoromethane
Concen: 47.750 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

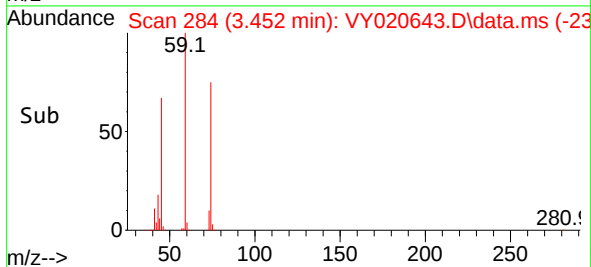
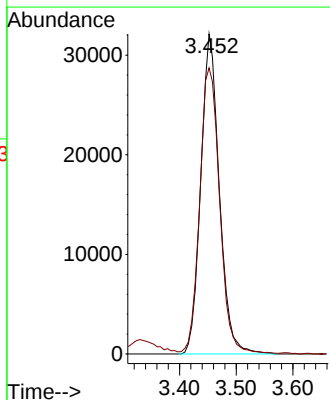
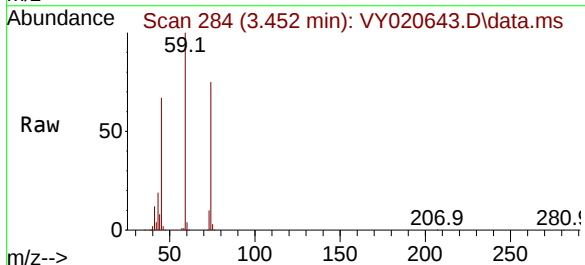
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

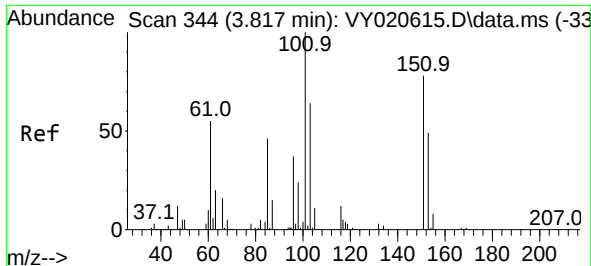
Tgt Ion:101 Resp: 174768
Ion Ratio Lower Upper
101 100
103 65.3 53.4 80.0



#8
Diethyl Ether
Concen: 56.819 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 74 Resp: 72934
Ion Ratio Lower Upper
74 100
45 95.7 49.0 147.2

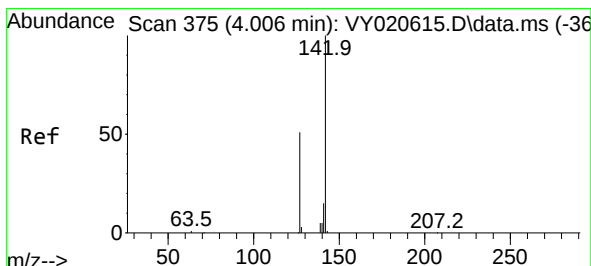
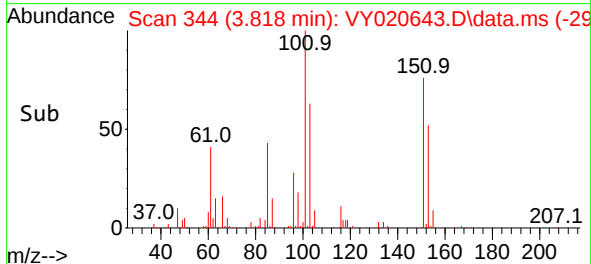
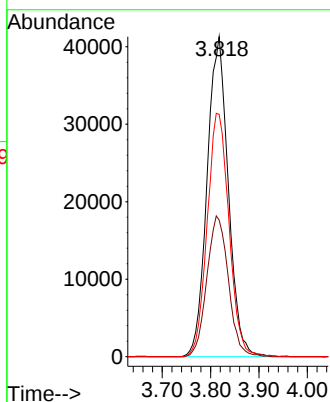
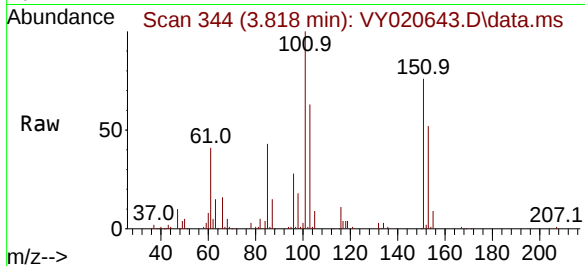




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.896 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

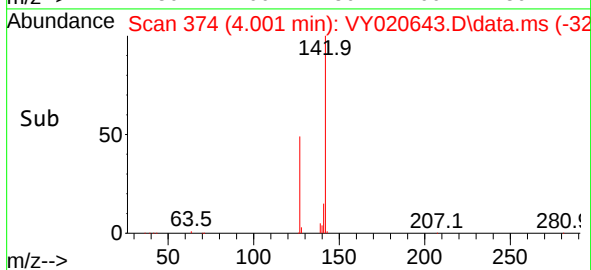
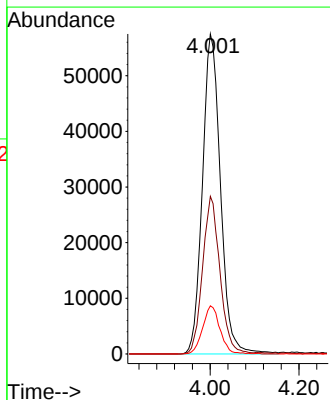
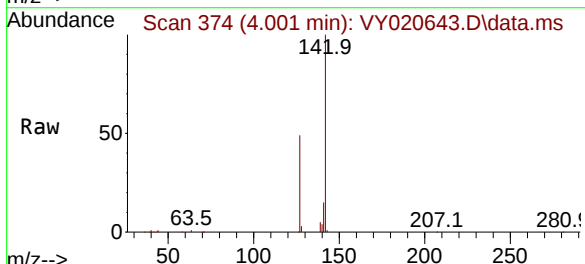
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

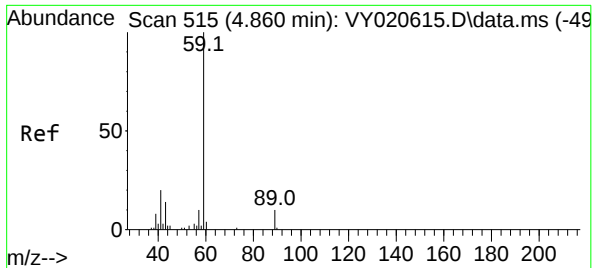
Tgt Ion:101 Resp: 125653
Ion Ratio Lower Upper
101 100
85 44.8 36.6 54.8
151 78.4 61.5 92.3



#10
Methyl Iodide
Concen: 55.671 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.005 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion:142 Resp: 162604
Ion Ratio Lower Upper
142 100
127 47.4 40.6 61.0
141 14.4 11.7 17.5

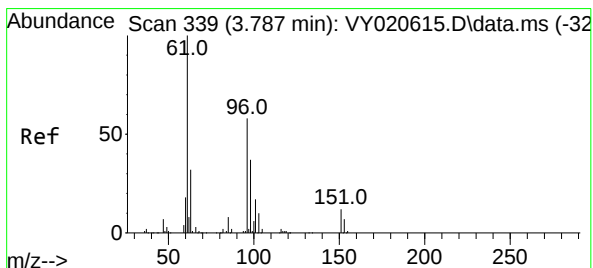
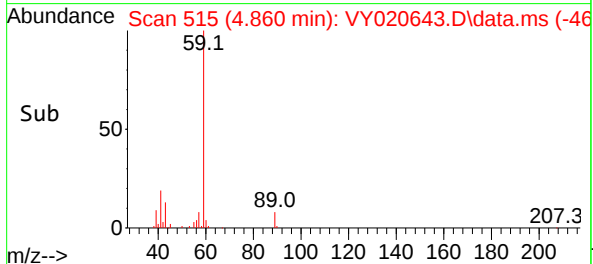
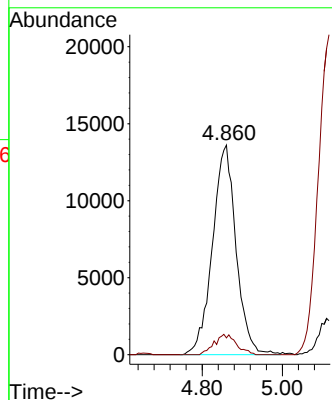
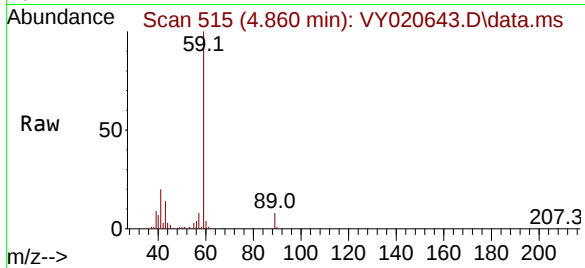




#11
Tert butyl alcohol
Concen: 236.442 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

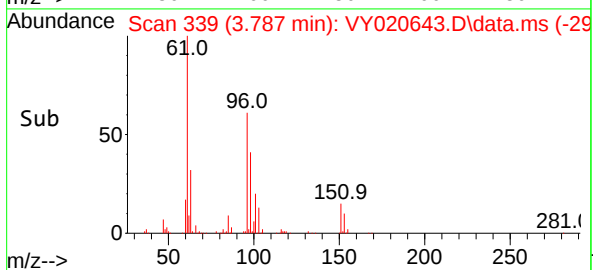
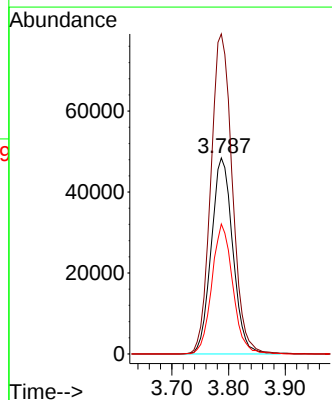
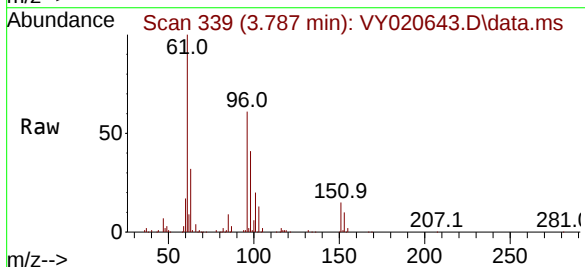
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

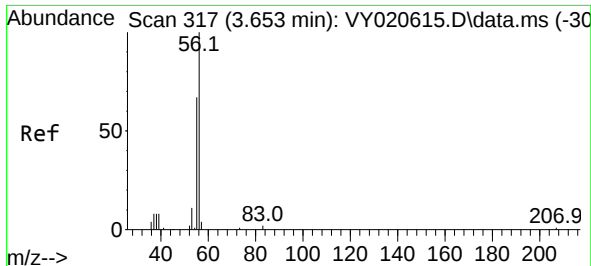
Tgt Ion: 59 Resp: 55613
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.256 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 96 Resp: 127926
Ion Ratio Lower Upper
96 100
61 163.3 136.9 205.3
98 66.3 50.2 75.4





#13

Acrolein

Concen: 173.675 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

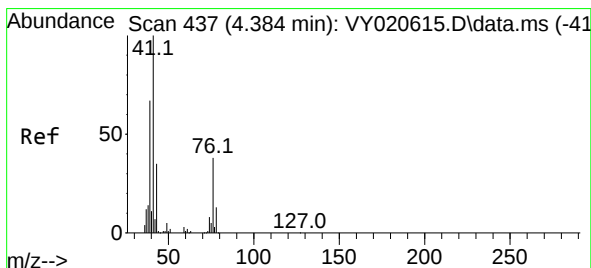
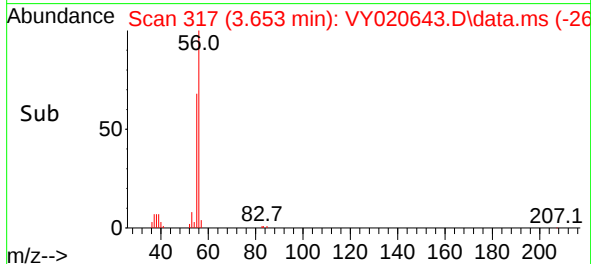
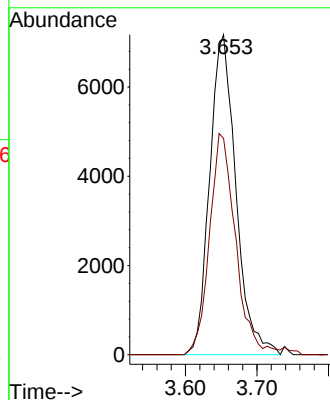
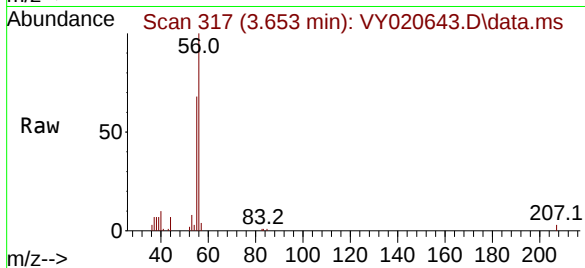
VSTDCCC050EC

Tgt Ion: 56 Resp: 18264

Ion Ratio Lower Upper

56 100

55 68.6 57.5 86.3



#14

Allyl chloride

Concen: 47.794 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

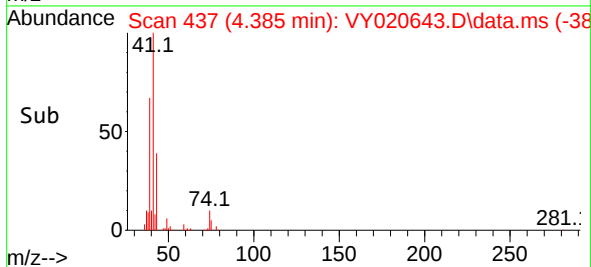
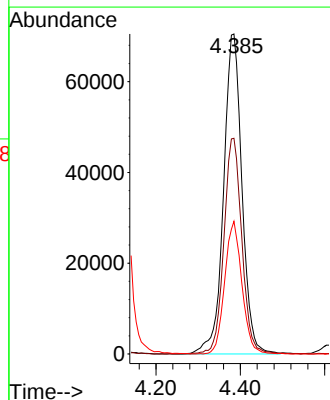
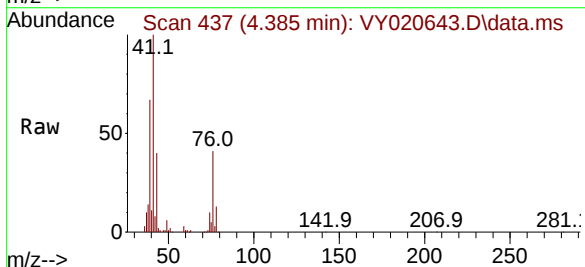
Tgt Ion: 41 Resp: 213176

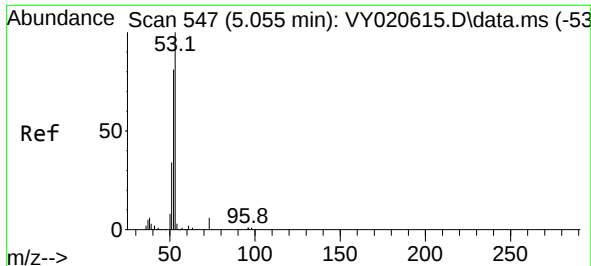
Ion Ratio Lower Upper

41 100

39 65.6 53.0 79.4

76 38.8 29.5 44.3

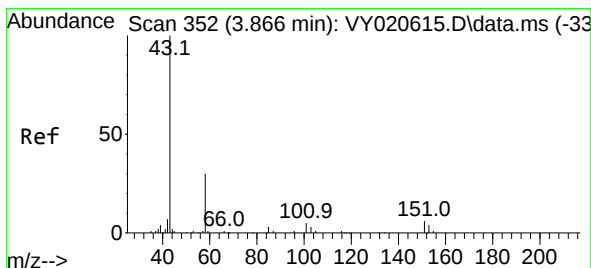
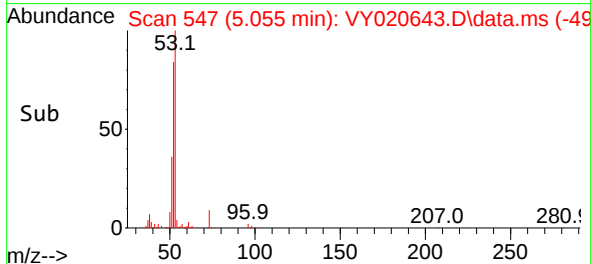
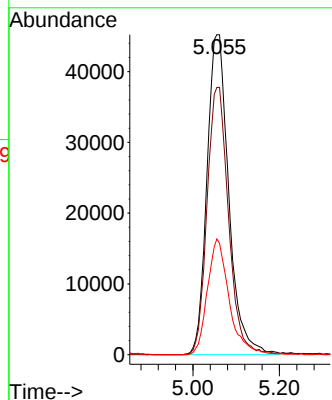
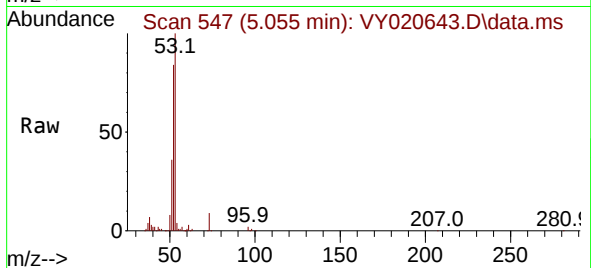




#15
Acrylonitrile
Concen: 257.868 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

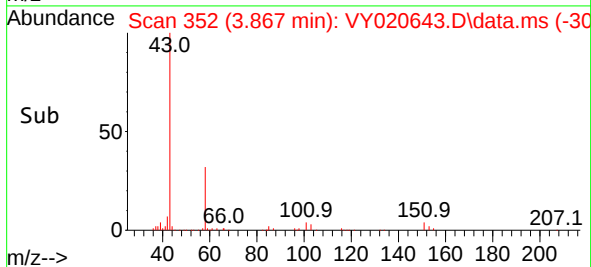
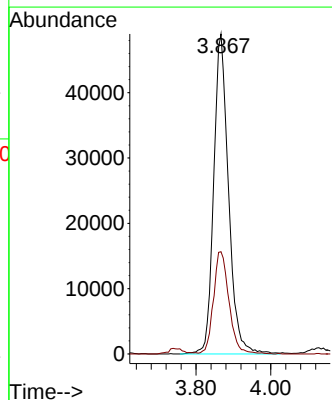
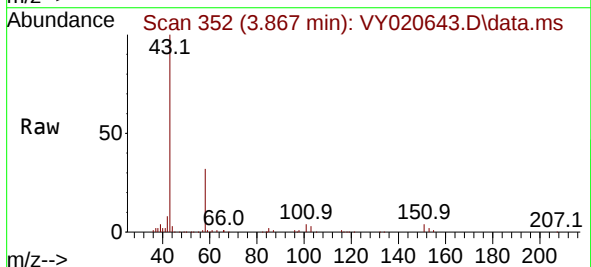
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

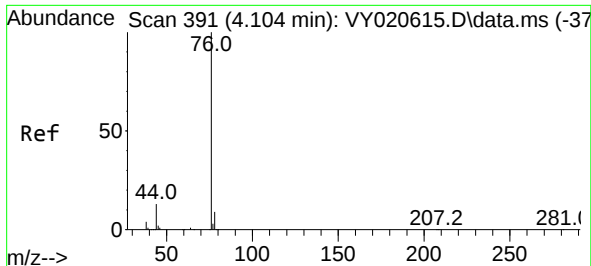
Tgt Ion: 53 Resp: 158352
Ion Ratio Lower Upper
53 100
52 82.1 64.5 96.7
51 36.1 29.4 44.0



#16
Acetone
Concen: 306.528 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 43 Resp: 134791
Ion Ratio Lower Upper
43 100
58 31.8 25.0 37.6

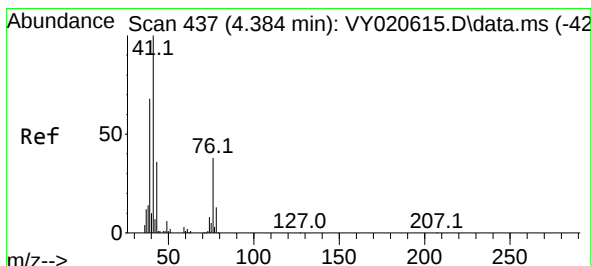
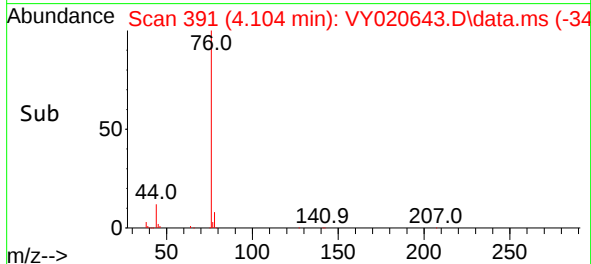
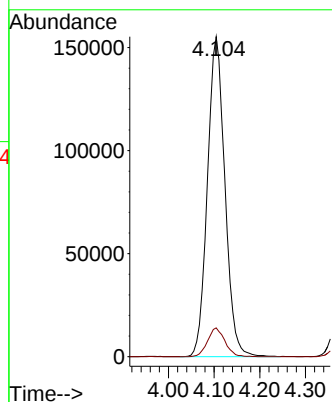
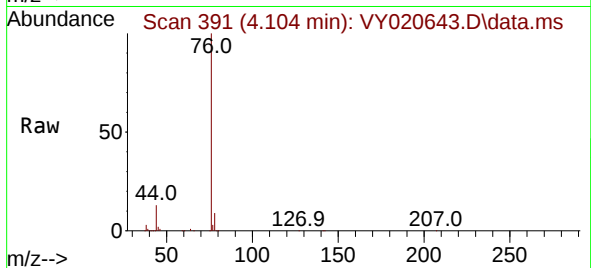




#17
Carbon Disulfide
Concen: 49.772 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

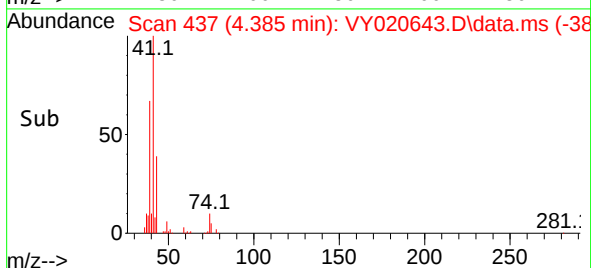
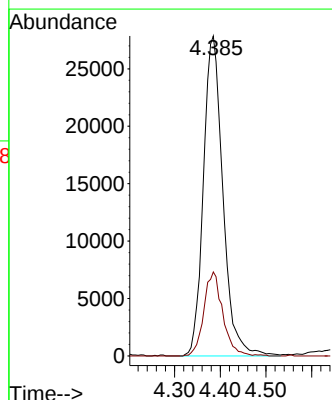
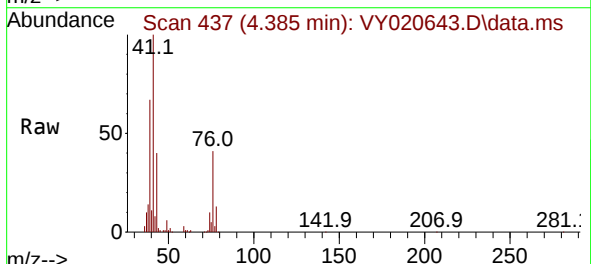
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

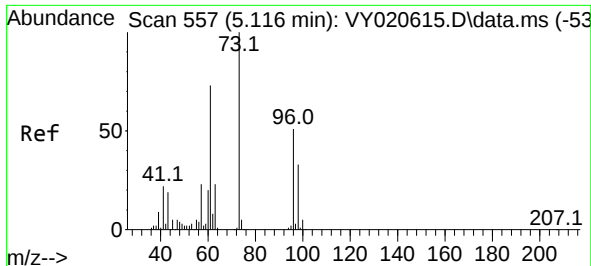
Tgt Ion: 76 Resp: 412394
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 54.596 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 43 Resp: 82613
Ion Ratio Lower Upper
43 100
74 25.4 19.2 28.8

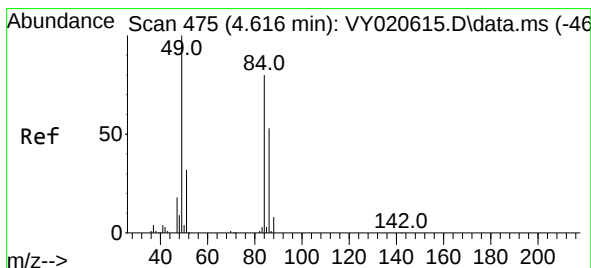
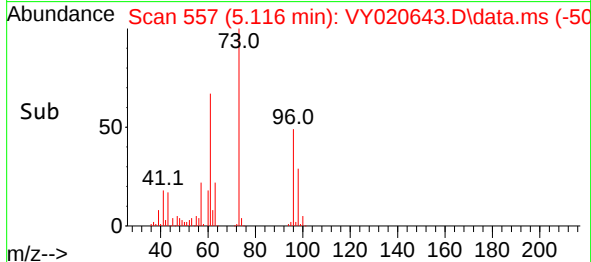
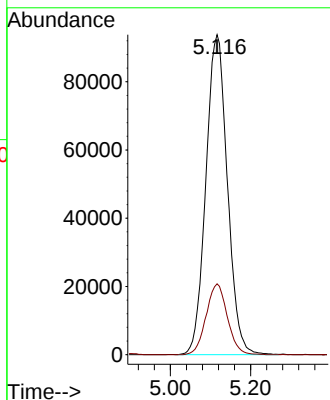
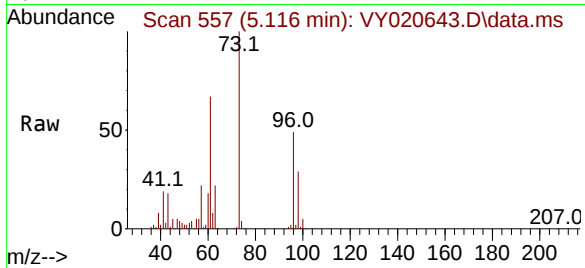




#19
Methyl tert-butyl Ether
Concen: 53.137 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

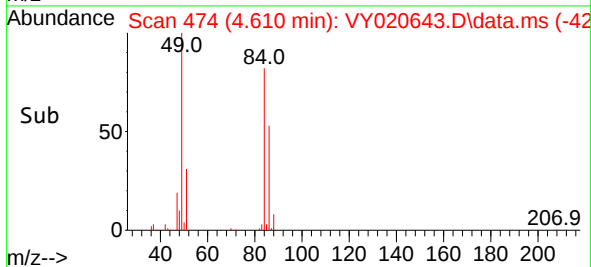
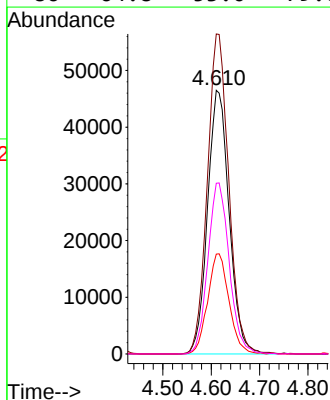
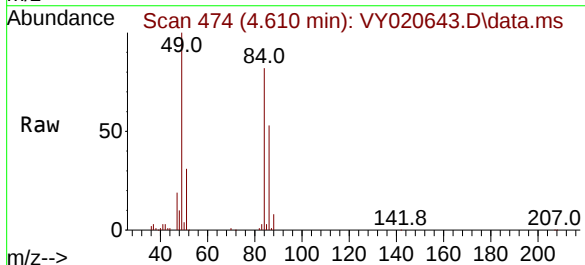
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

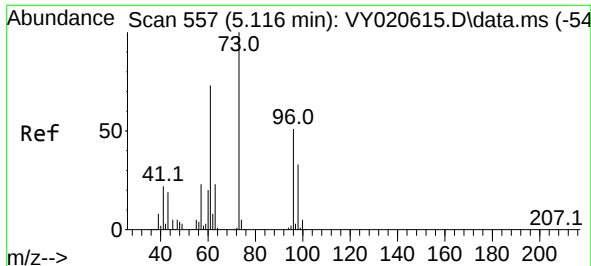
Tgt Ion: 73 Resp: 349109
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7



#20
Methylene Chloride
Concen: 52.214 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 84 Resp: 144382
Ion Ratio Lower Upper
84 100
49 121.4 100.7 151.1
51 37.9 32.2 48.2
86 64.8 53.0 79.6

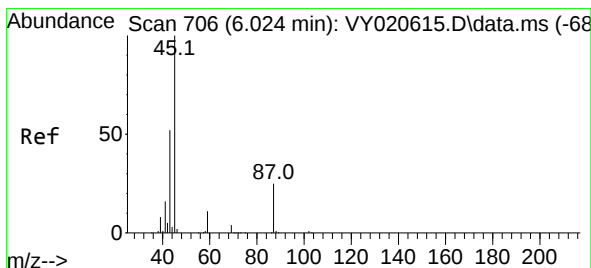
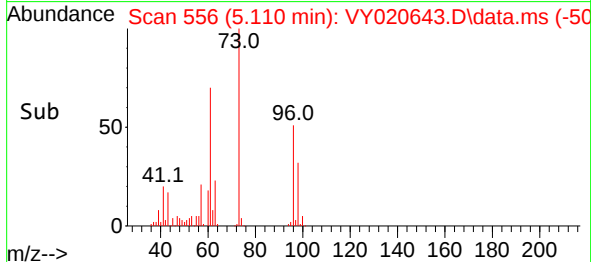
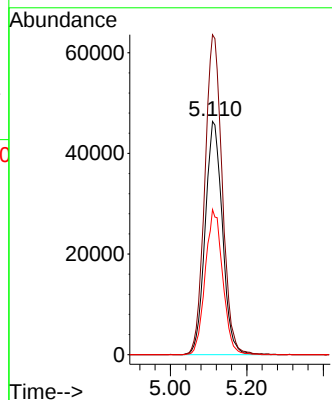
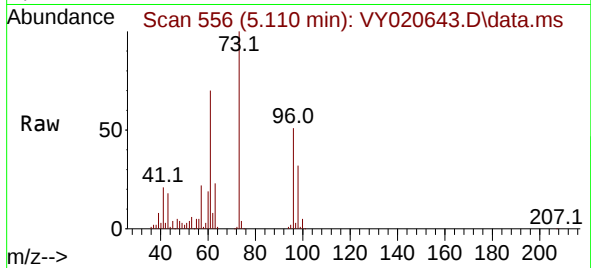




#21
trans-1,2-Dichloroethene
Concen: 50.764 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

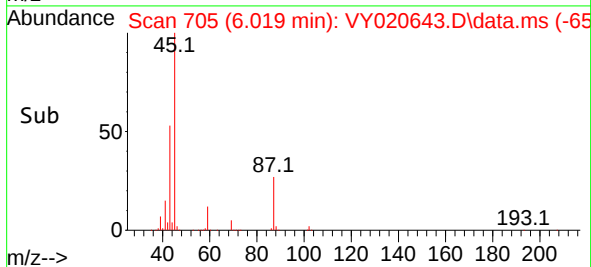
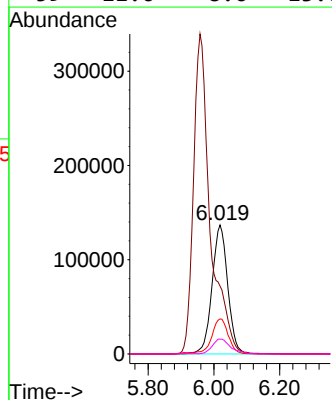
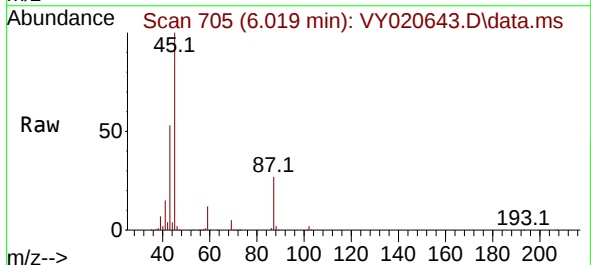
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

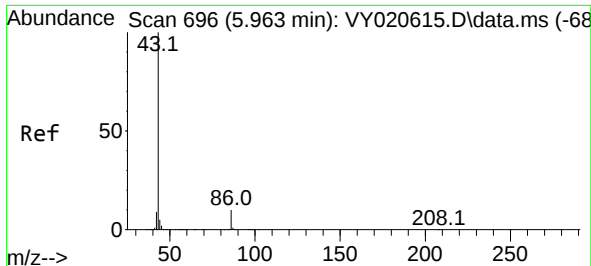
Tgt Ion: 96 Resp: 144949
Ion Ratio Lower Upper
96 100
61 137.1 113.7 170.5
98 62.2 51.7 77.5



#22
Diisopropyl ether
Concen: 49.989 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 45 Resp: 452592
Ion Ratio Lower Upper
45 100
43 52.5 42.6 64.0
87 27.2 20.6 31.0
59 11.6 8.6 13.0

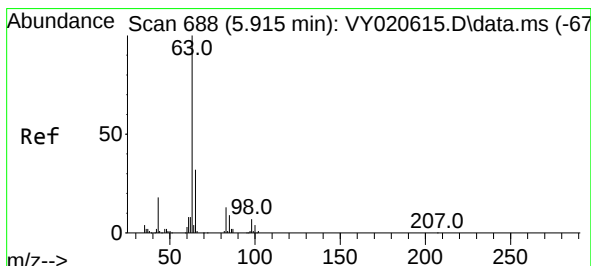
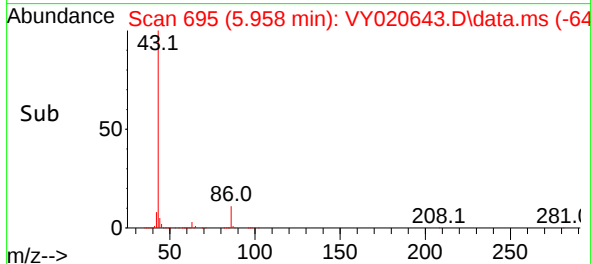
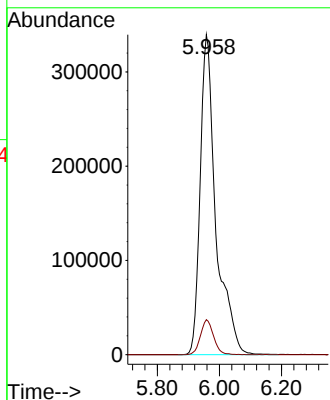
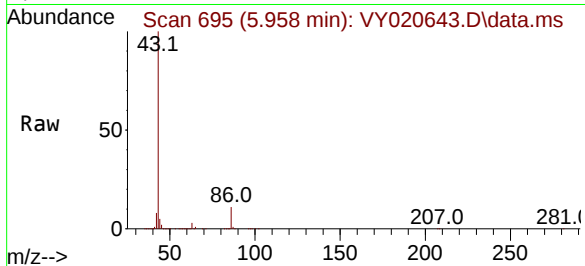




#23
 Vinyl Acetate
 Concen: 232.780 ug/l
 RT: 5.958 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

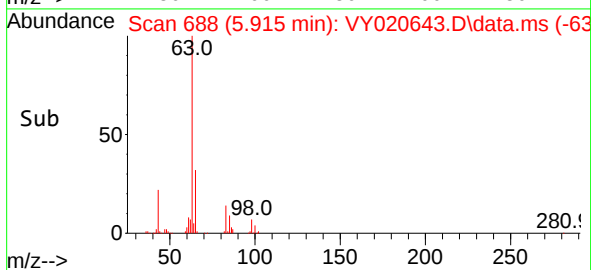
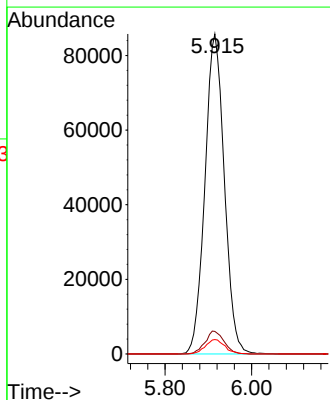
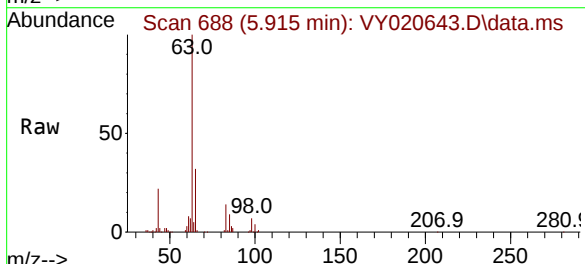
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

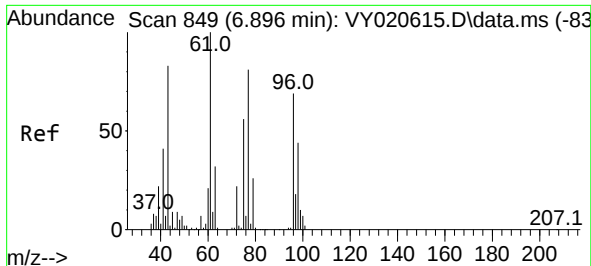
Tgt Ion: 43 Resp: 1193649
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.289 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

Tgt Ion: 63 Resp: 266732
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.5 2.1 6.5

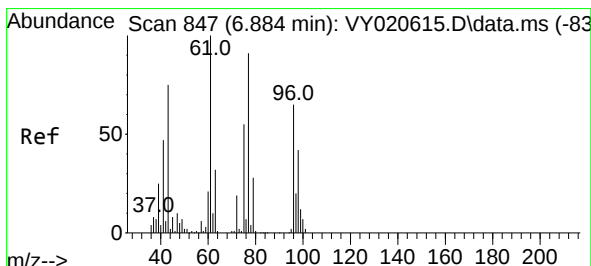
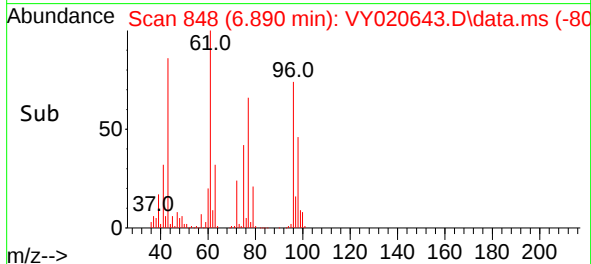
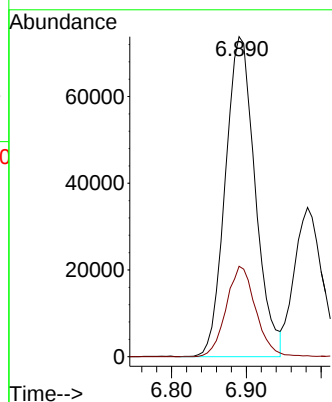
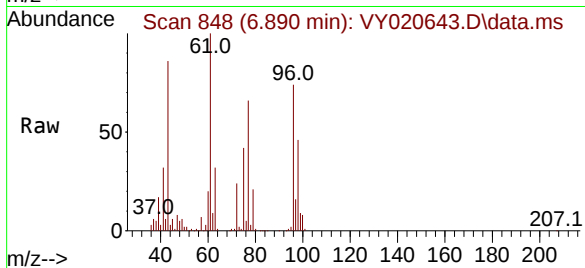




#25
2-Butanone
Concen: 248.257 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

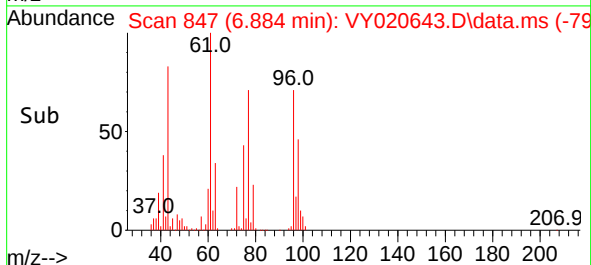
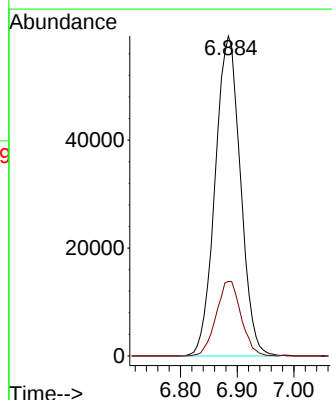
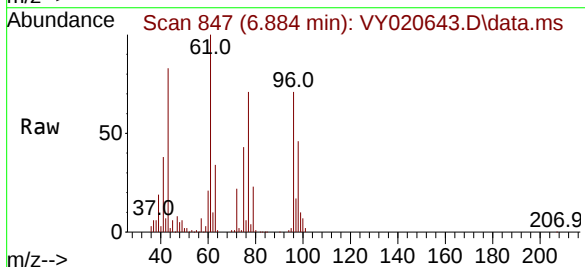
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

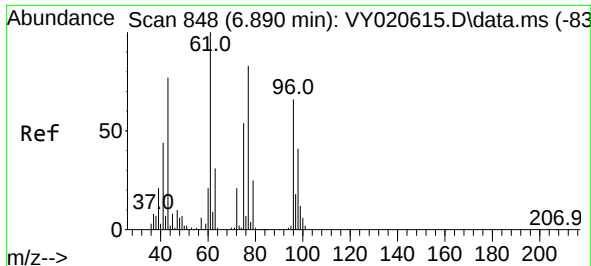
Tgt Ion: 43 Resp: 205189
Ion Ratio Lower Upper
43 100
72 28.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 36.722 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 77 Resp: 184126
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.6

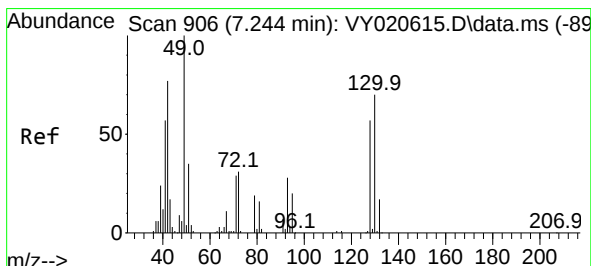
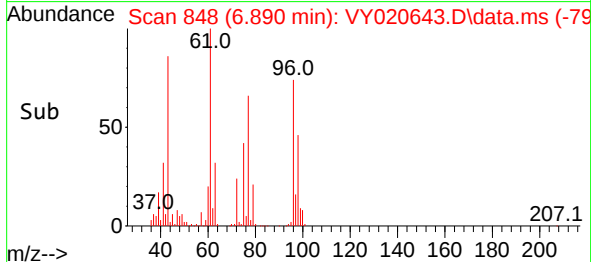
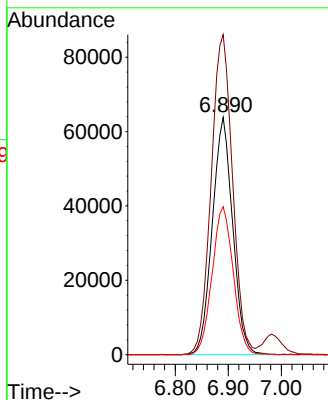
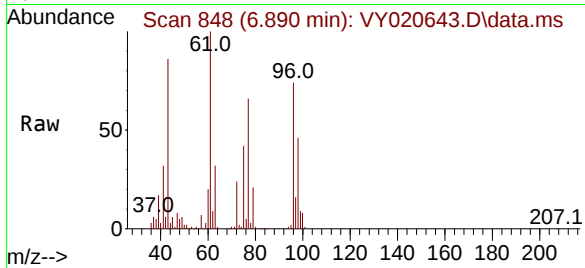




#27
 cis-1,2-Dichloroethene
 Concen: 51.942 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

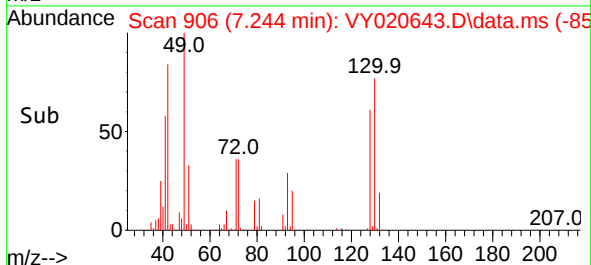
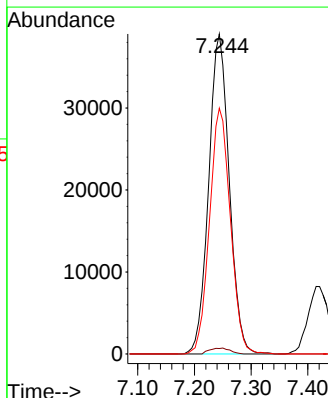
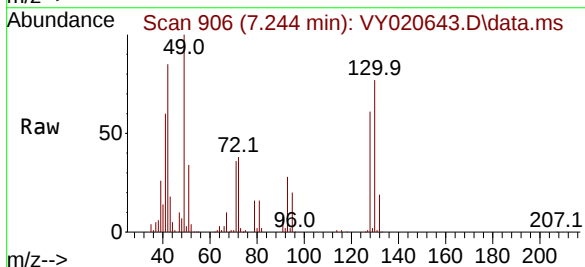
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

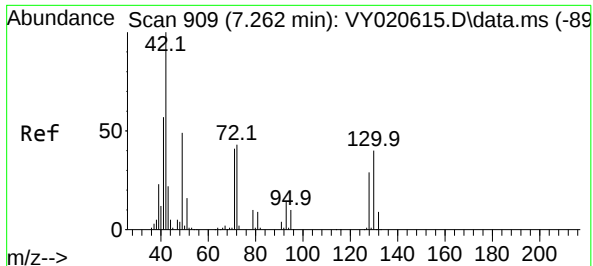
Tgt Ion: 96 Resp: 170638
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 306.2
 98 64.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 54.885 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

Tgt Ion: 49 Resp: 98192
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 78.0 58.3 87.5





#29

Tetrahydrofuran

Concen: 254.361 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

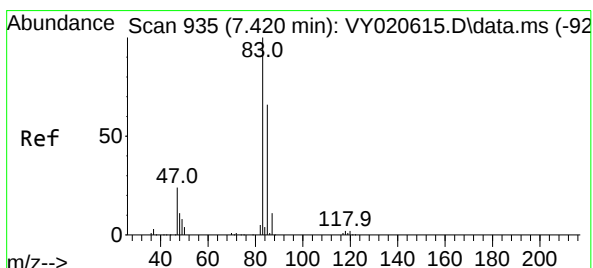
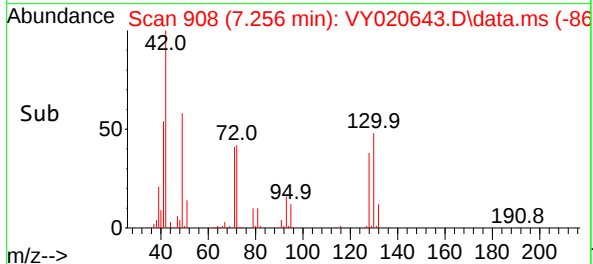
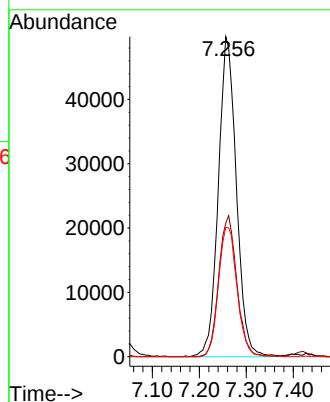
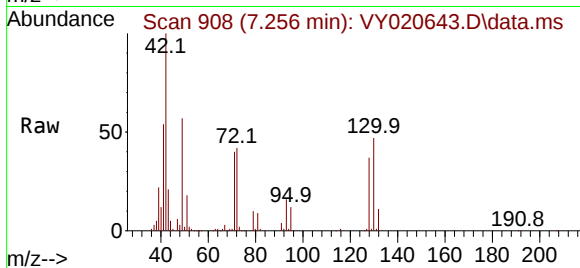
Tgt Ion: 42 Resp: 132716

Ion Ratio Lower Upper

42 100

72 44.3 34.0 51.0

71 41.8 31.6 47.4



#30

Chloroform

Concen: 52.868 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020643.D

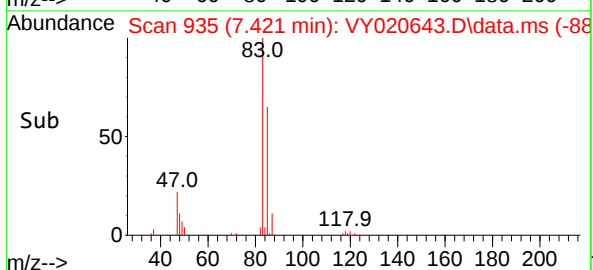
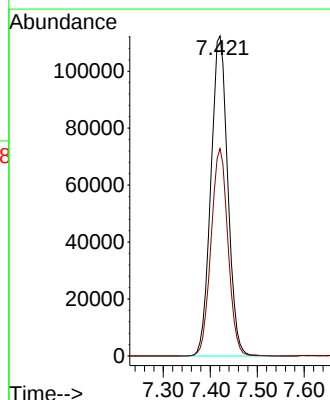
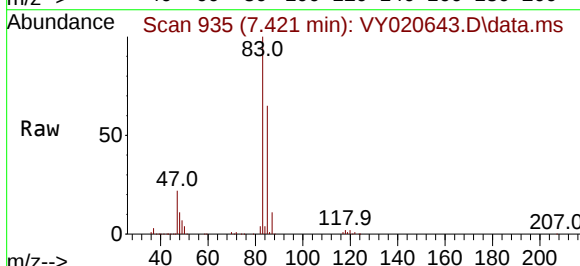
Acq: 18 Dec 2024 18:00

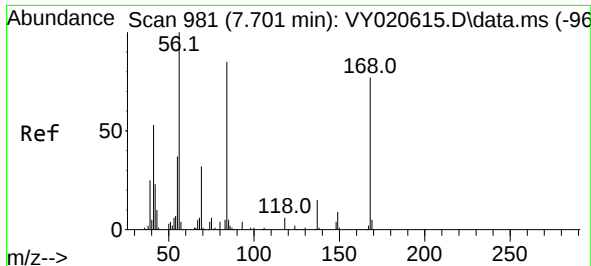
Tgt Ion: 83 Resp: 279953

Ion Ratio Lower Upper

83 100

85 64.8 52.7 79.1

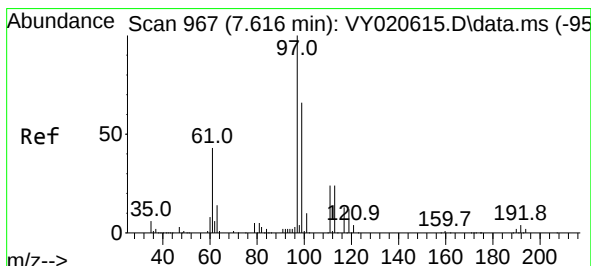
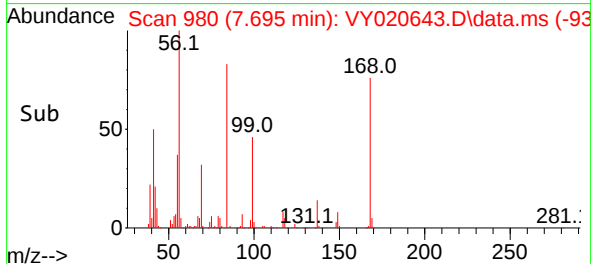
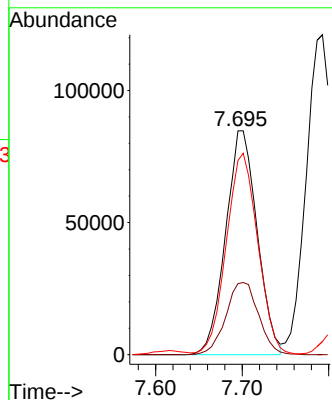
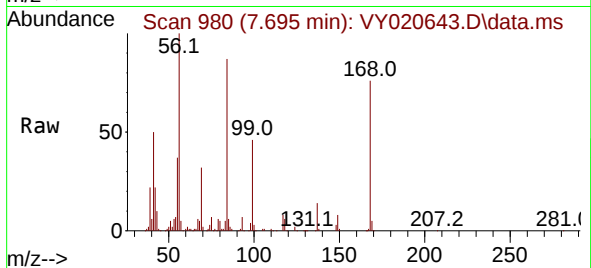




#31
Cyclohexane
Concen: 42.283 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

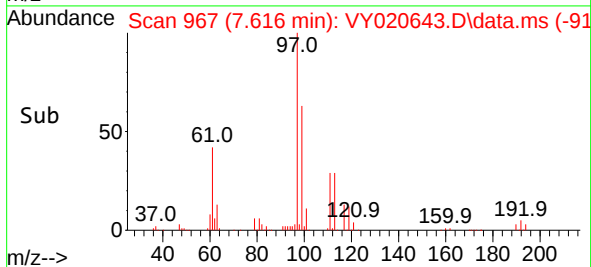
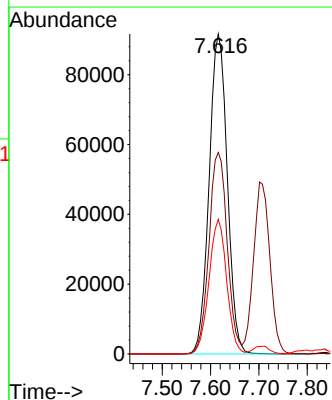
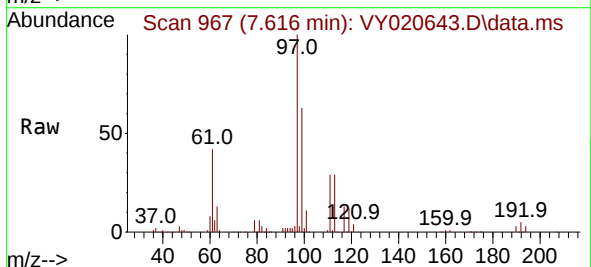
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

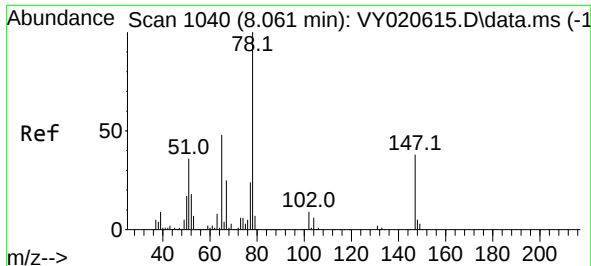
Tgt Ion: 56 Resp: 214439
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.0
84 85.5 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 48.961 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 97 Resp: 238580
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 41.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.512 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

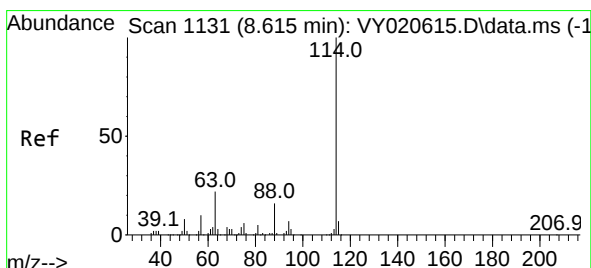
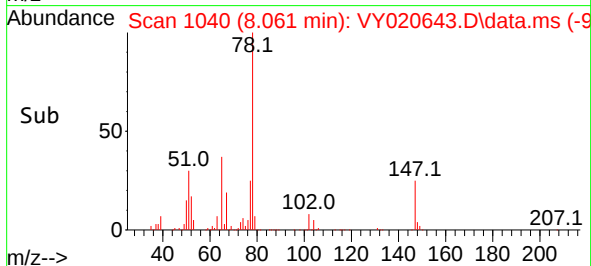
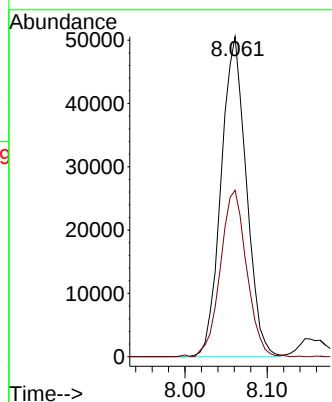
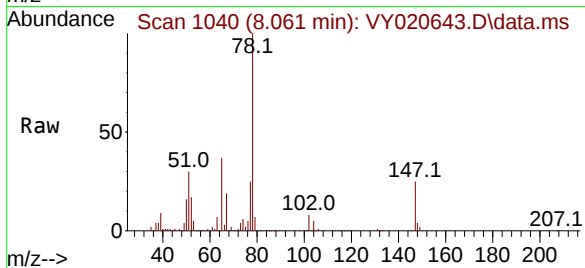
VSTDCCC050EC

Tgt Ion: 65 Resp: 107891

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

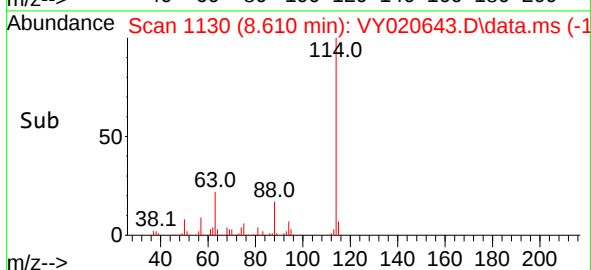
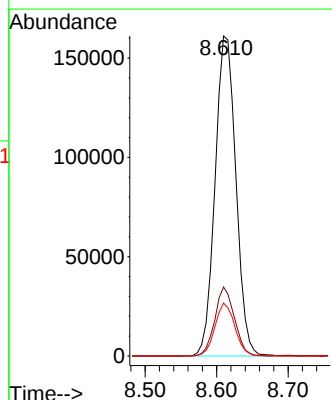
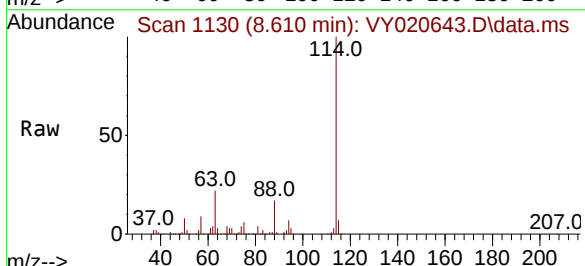
Tgt Ion: 114 Resp: 325962

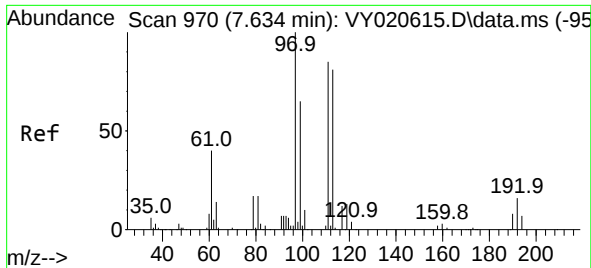
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.5 0.0 32.8

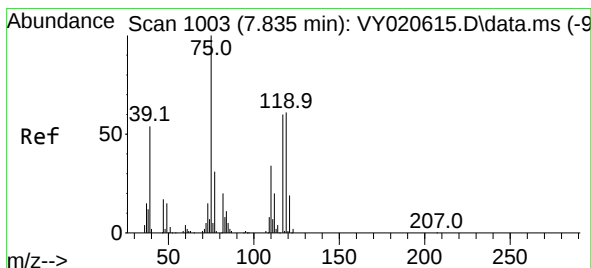
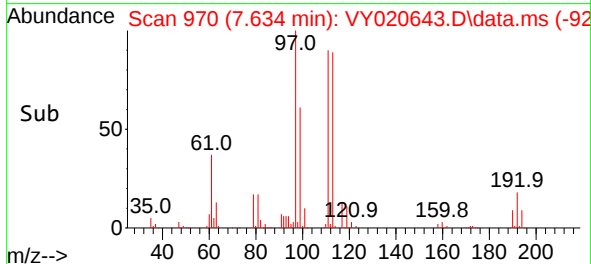
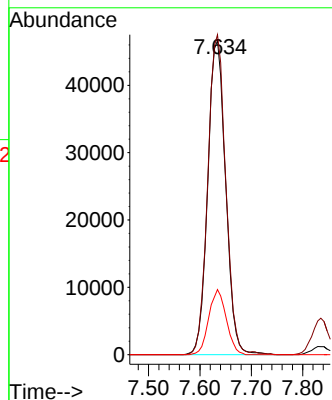
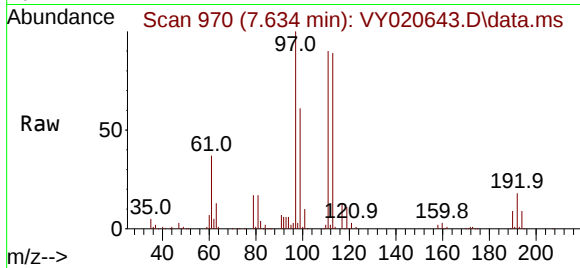




#35
Dibromofluoromethane
Concen: 49.044 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

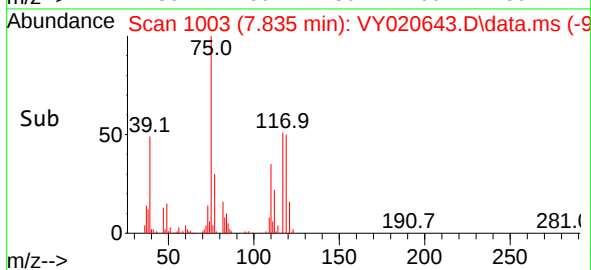
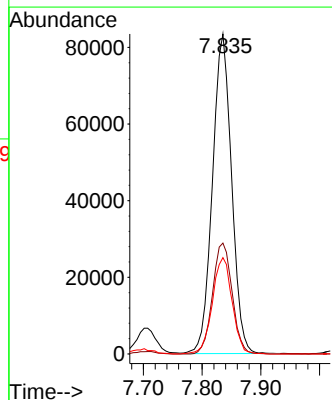
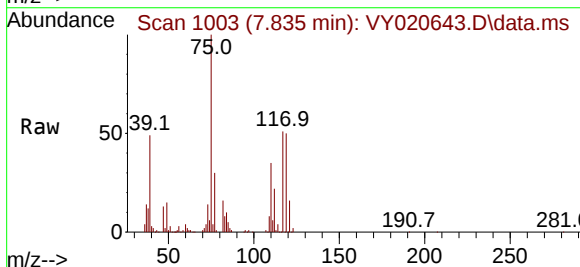
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

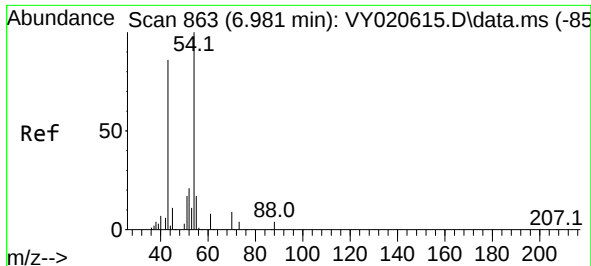
Tgt Ion:113 Resp: 112669
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 20.3 15.7 23.5



#36
1,1-Dichloropropene
Concen: 44.953 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 75 Resp: 188310
Ion Ratio Lower Upper
75 100
110 35.4 16.8 50.4
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 46.707 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

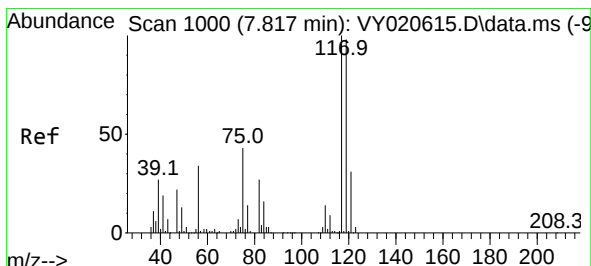
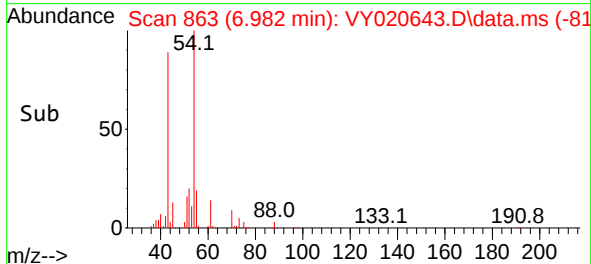
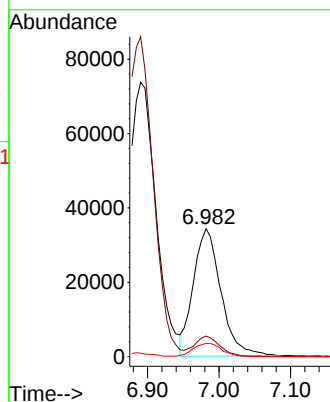
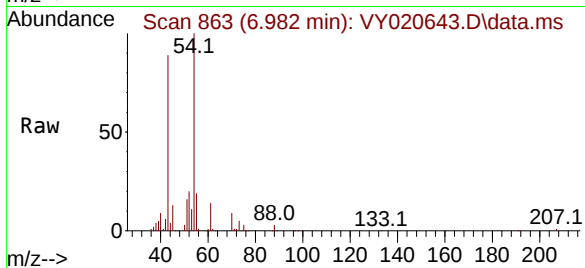
Tgt Ion: 43 Resp: 92033

Ion Ratio Lower Upper

43 100

61 15.2 11.0 16.4

70 11.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 45.794 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

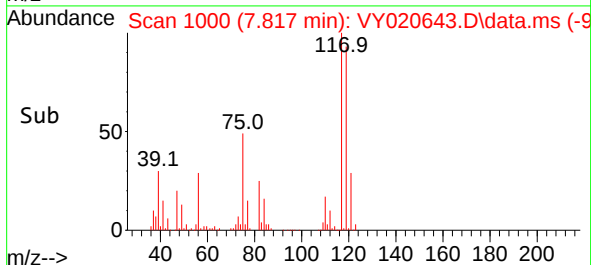
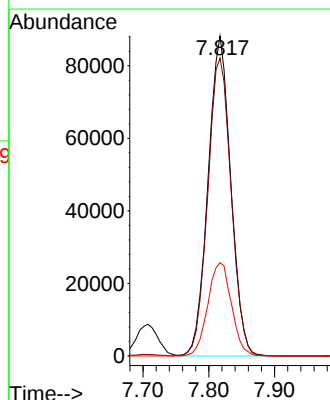
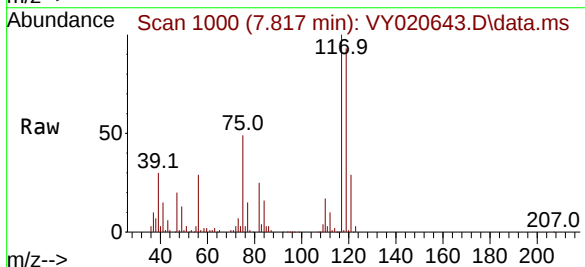
Tgt Ion: 117 Resp: 212238

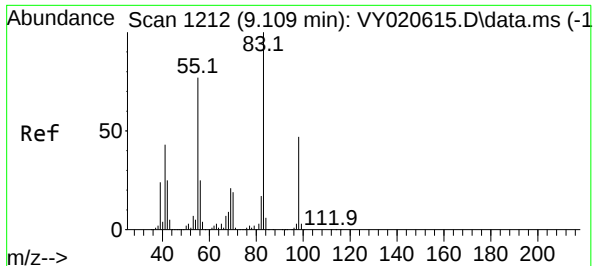
Ion Ratio Lower Upper

117 100

119 93.1 78.3 117.5

121 29.1 25.1 37.7





#39

Methylcyclohexane

Concen: 43.848 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

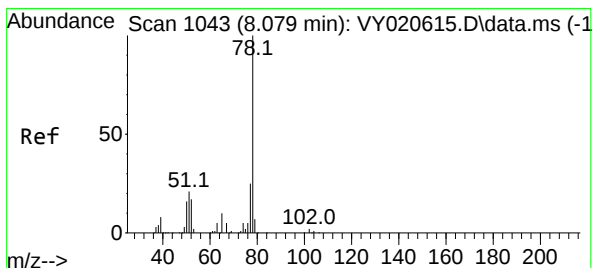
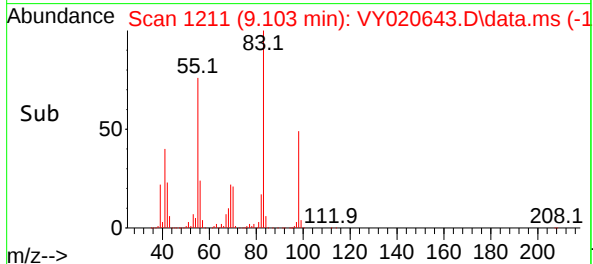
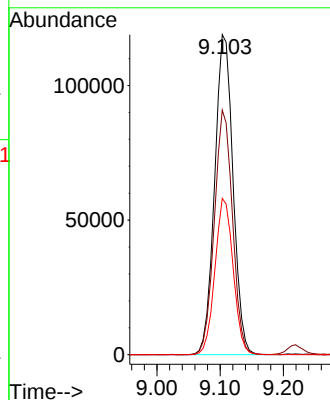
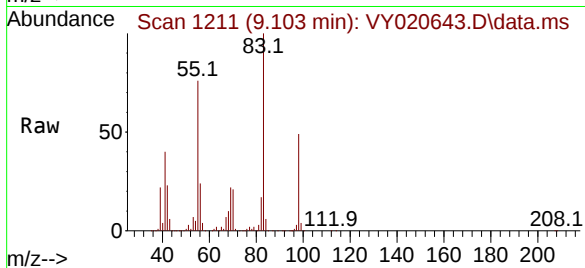
Tgt Ion: 83 Resp: 239401

Ion Ratio Lower Upper

83 100

55 76.5 61.4 92.0

98 48.9 37.3 55.9



#40

Benzene

Concen: 48.470 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020643.D

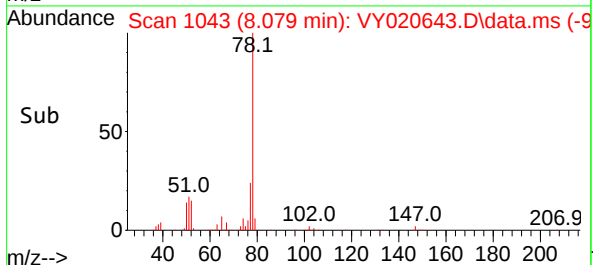
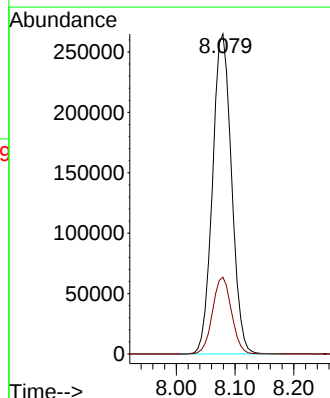
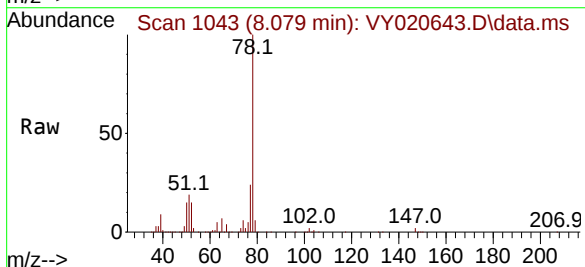
Acq: 18 Dec 2024 18:00

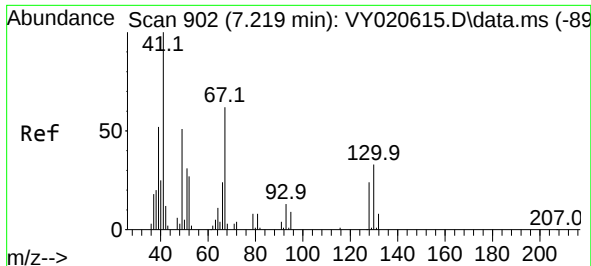
Tgt Ion: 78 Resp: 595148

Ion Ratio Lower Upper

78 100

77 24.0 20.1 30.1

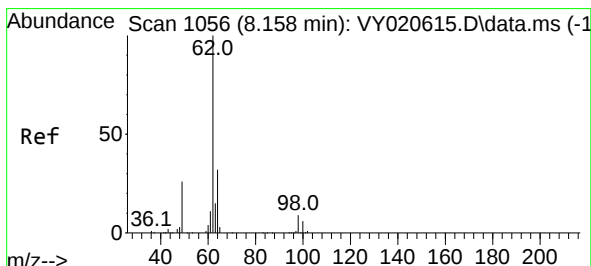
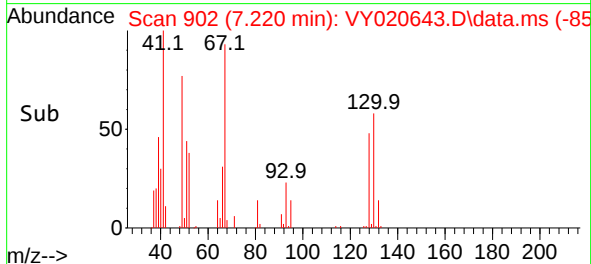
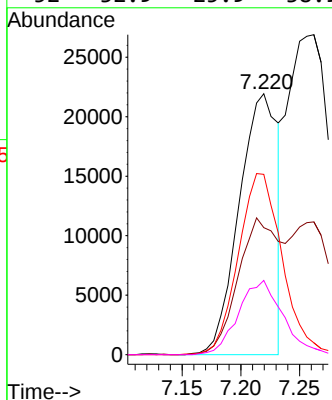
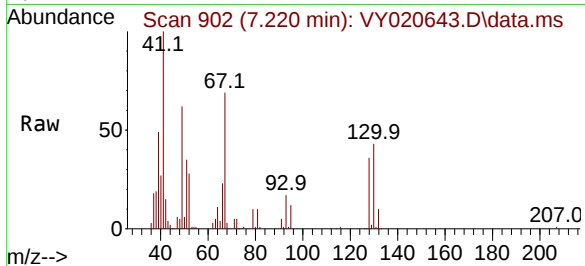




#41
Methacrylonitrile
Concen: 48.096 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

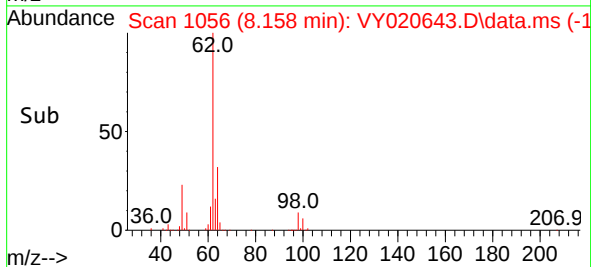
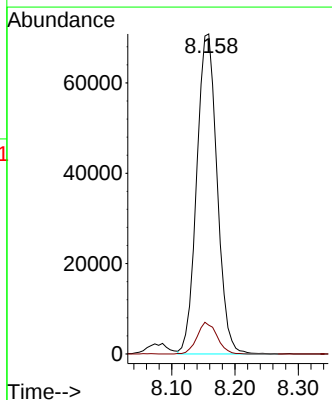
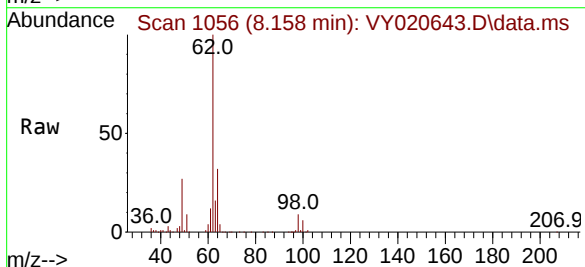
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

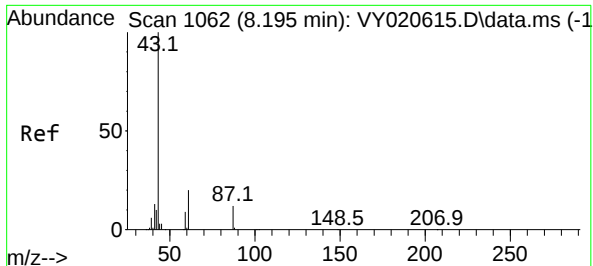
Tgt Ion:	41	Resp:	50102
Ion	Ratio	Lower	Upper
41	100		
39	59.2	53.6	80.4
67	79.2	62.0	93.0
52	32.9	25.9	38.9



#42
1,2-Dichloroethane
Concen: 48.832 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion:	62	Resp:	159024
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0

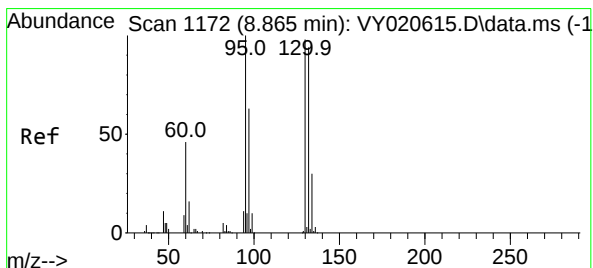
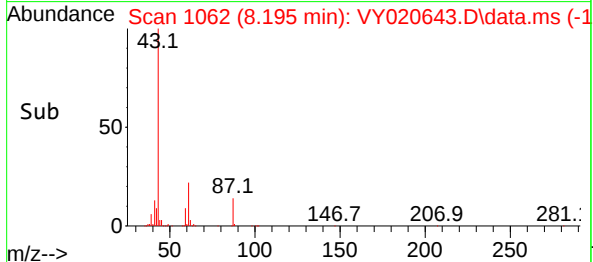
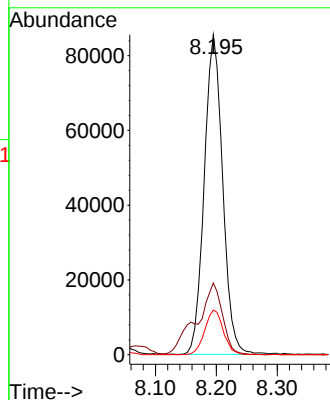
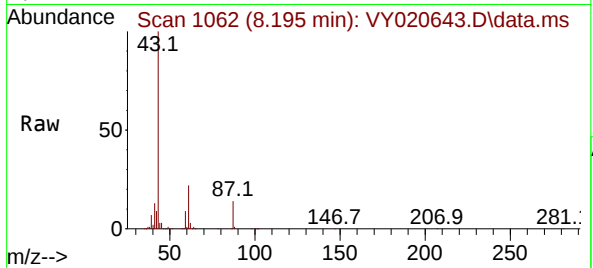




#43
Isopropyl Acetate
Concen: 48.301 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

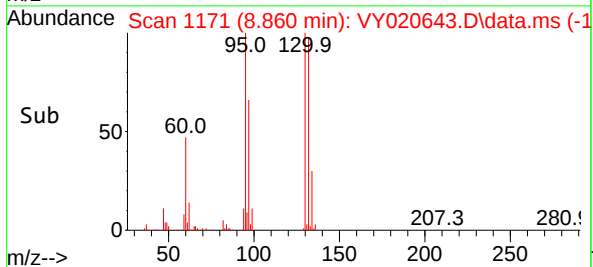
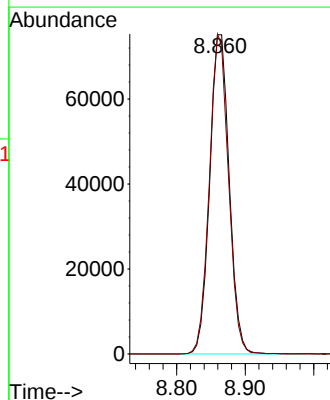
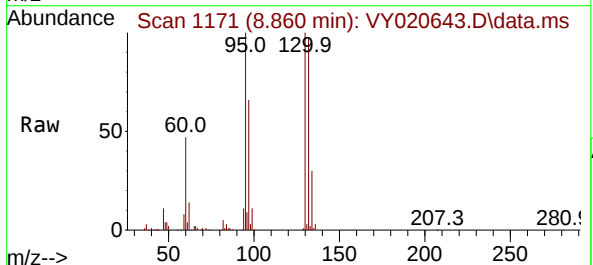
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

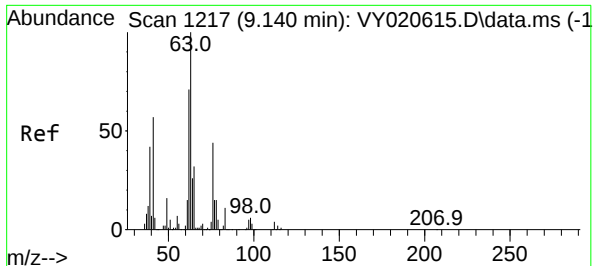
Tgt Ion: 43 Resp: 180182
Ion Ratio Lower Upper
43 100
61 31.3 23.8 35.6
87 14.1 10.2 15.4



#44
Trichloroethene
Concen: 49.274 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion:130 Resp: 148664
Ion Ratio Lower Upper
130 100
95 100.2 0.0 203.2





#45

1,2-Dichloropropane

Concen: 49.196 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

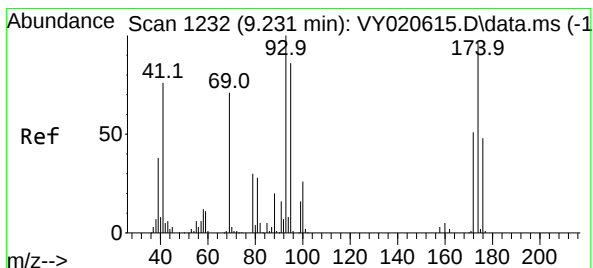
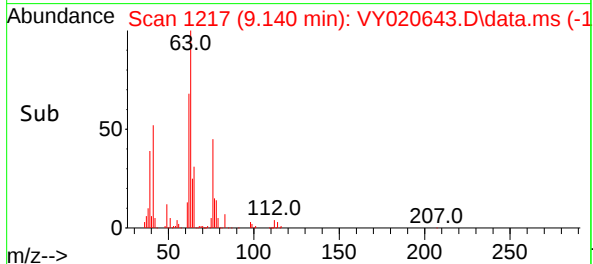
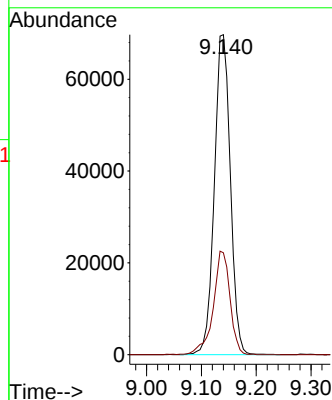
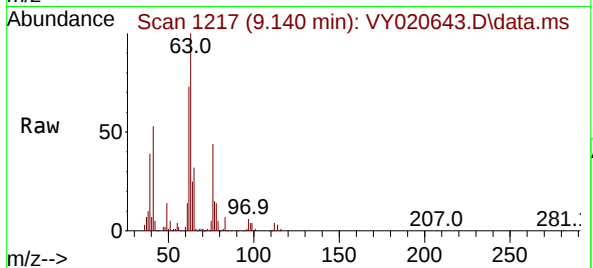
VSTDCCC050EC

Tgt Ion: 63 Resp: 141178

Ion Ratio Lower Upper

63 100

65 31.8 25.9 38.9



#46

Dibromomethane

Concen: 51.377 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

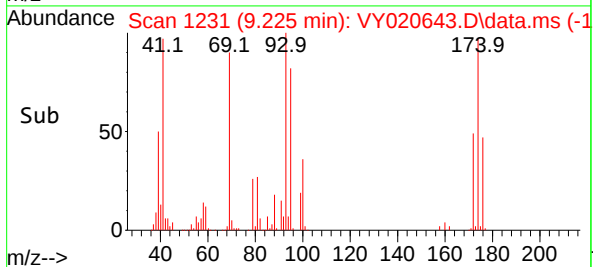
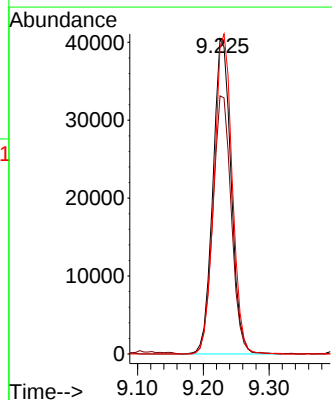
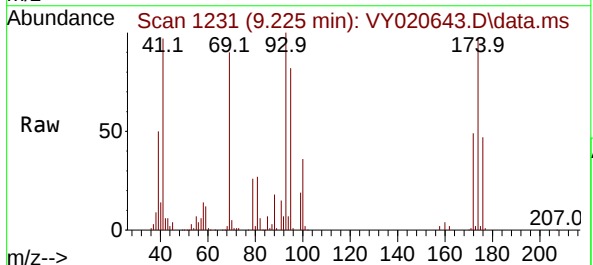
Tgt Ion: 93 Resp: 77919

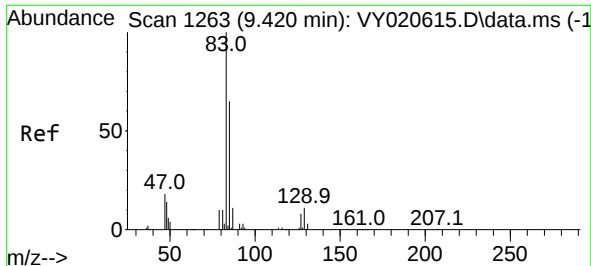
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 100.8 77.8 116.6





#47

Bromodichloromethane

Concen: 49.708 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

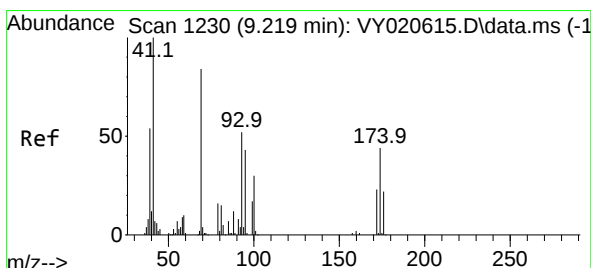
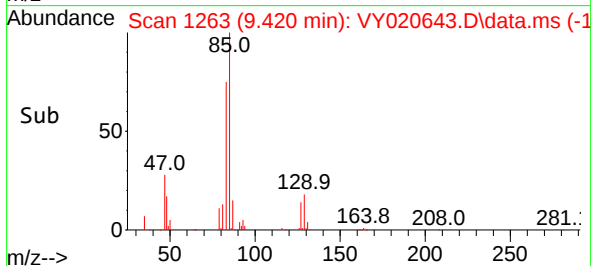
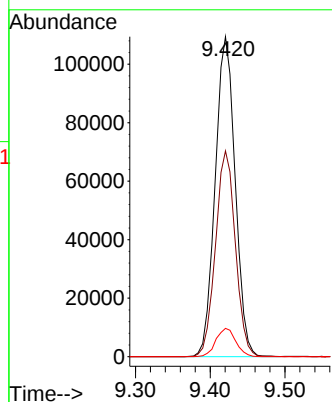
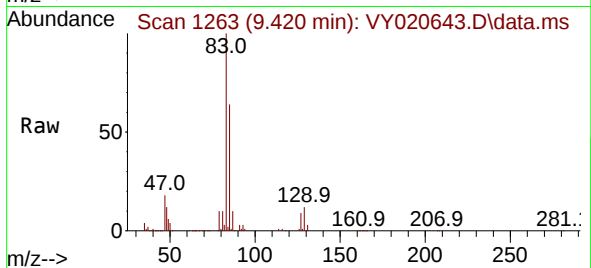
Tgt Ion: 83 Resp: 203637

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

127 8.9 6.7 10.1



#48

Methyl methacrylate

Concen: 48.538 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

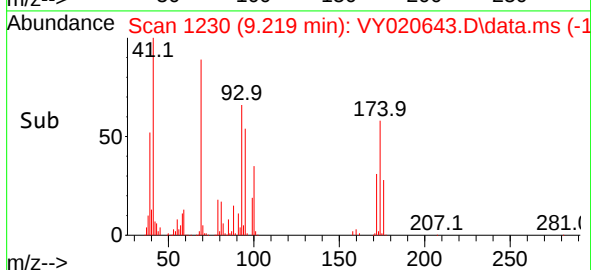
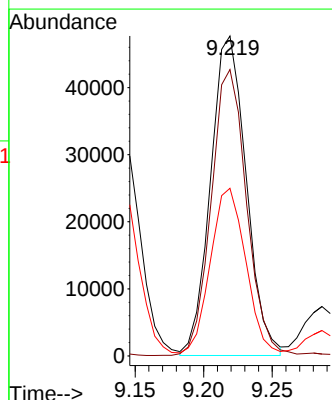
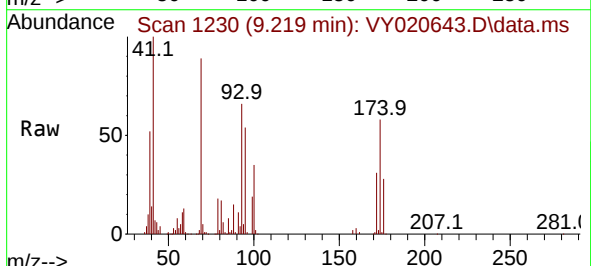
Tgt Ion: 41 Resp: 86076

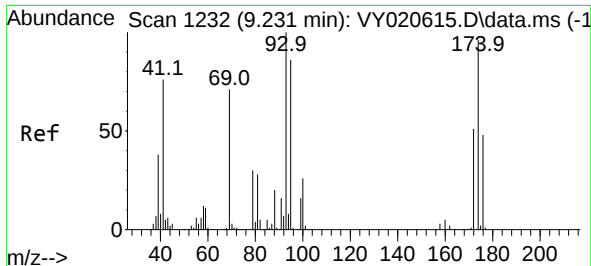
Ion Ratio Lower Upper

41 100

69 89.2 67.2 100.8

39 50.7 42.2 63.4





#49

1,4-Dioxane

Concen: 1038.025 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

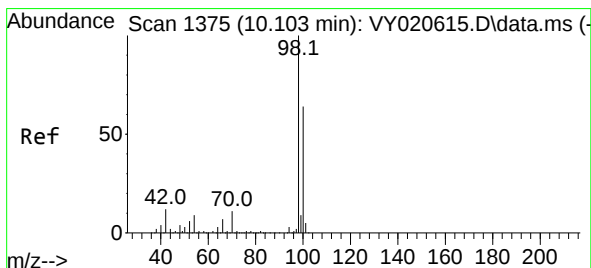
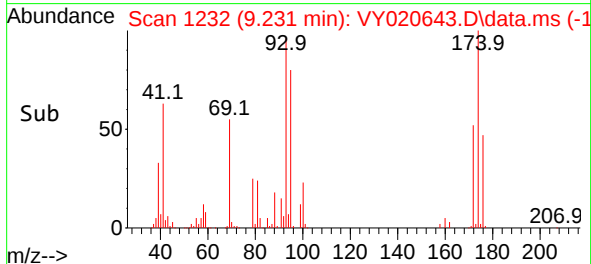
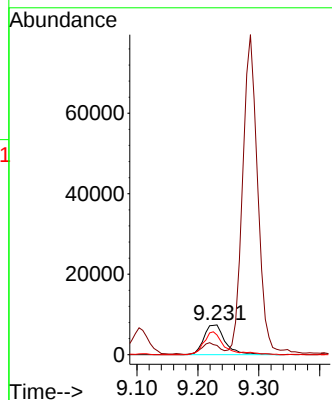
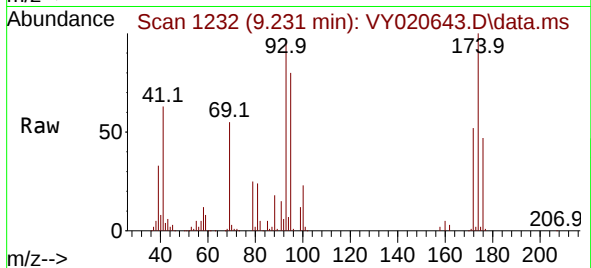
Tgt Ion: 88 Resp: 18054

Ion Ratio Lower Upper

88 100

43 31.6 27.6 41.4

58 66.8 61.7 92.5



#50

Toluene-d8

Concen: 48.121 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020643.D

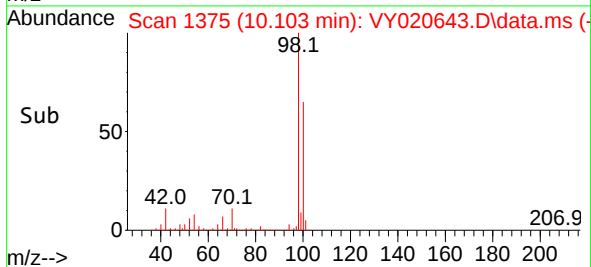
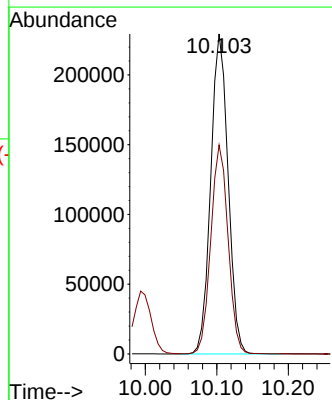
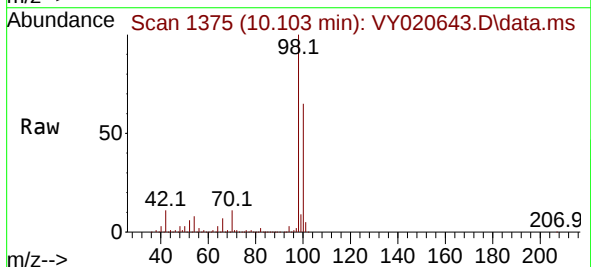
Acq: 18 Dec 2024 18:00

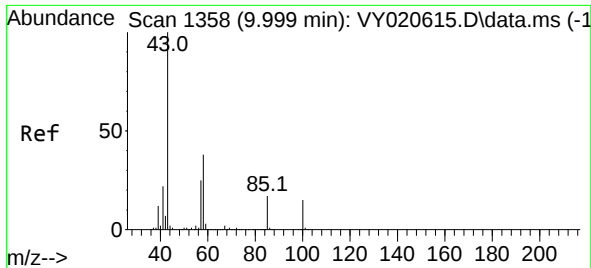
Tgt Ion: 98 Resp: 386934

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

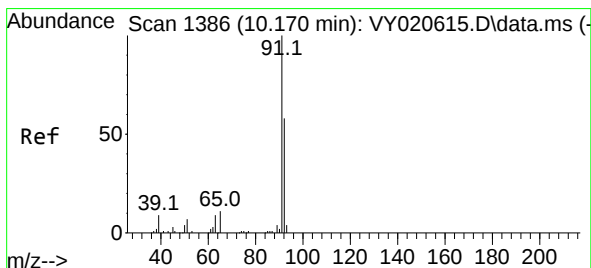
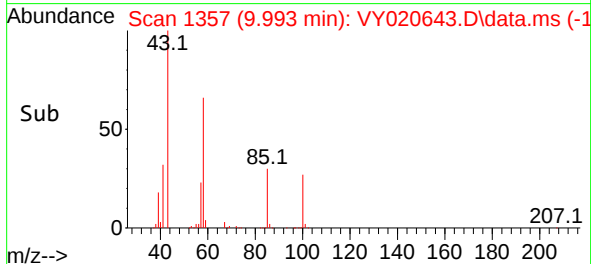
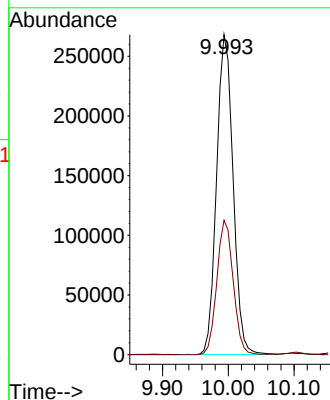
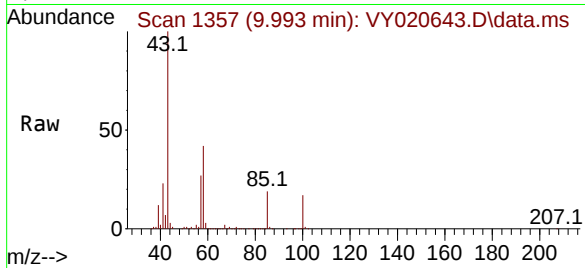




#51
4-Methyl-2-Pentanone
Concen: 237.851 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

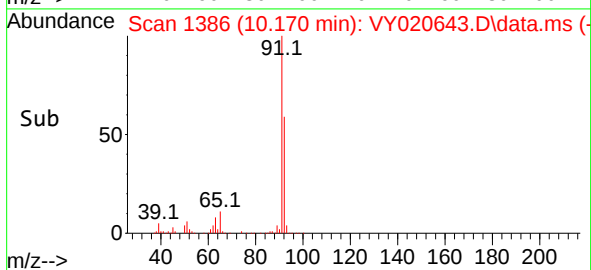
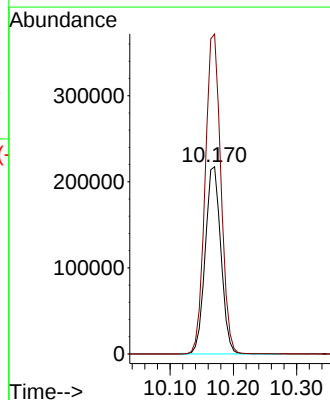
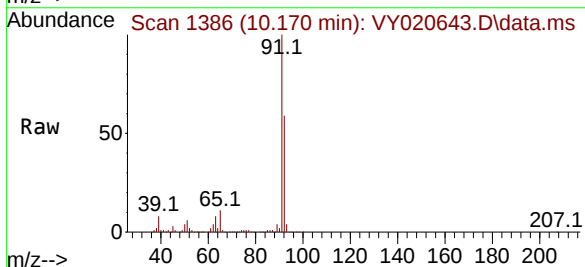
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

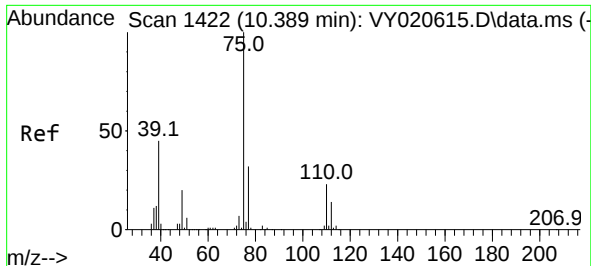
Tgt Ion: 43 Resp: 468337
Ion Ratio Lower Upper
43 100
58 41.7 31.4 47.2



#52
Toluene
Concen: 49.081 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 92 Resp: 374520
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0

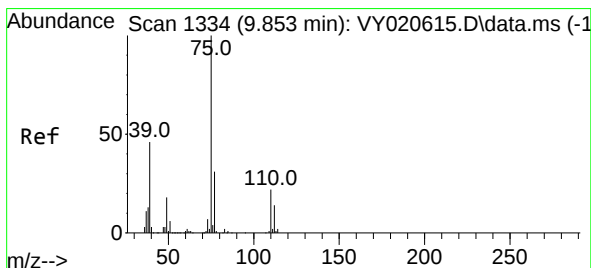
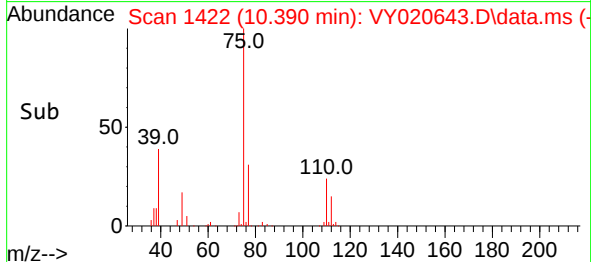
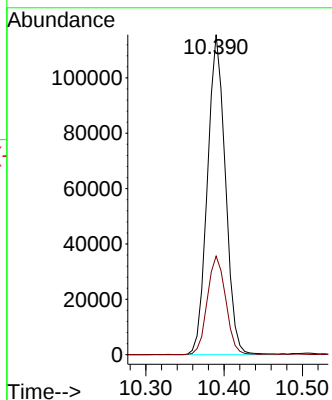
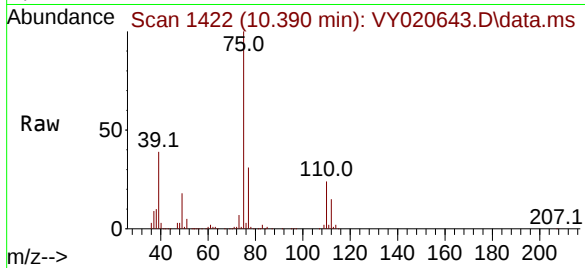




#53
 t-1,3-Dichloropropene
 Concen: 48.150 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

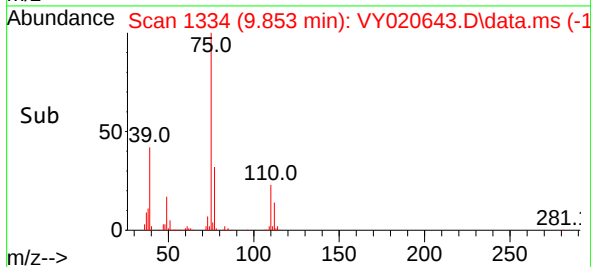
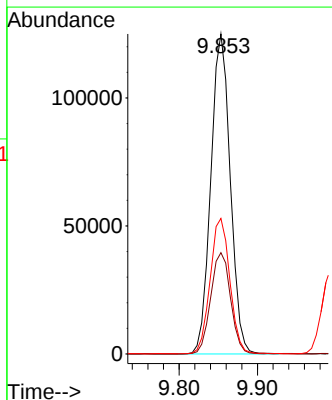
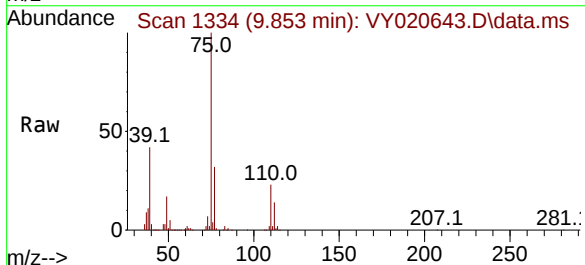
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

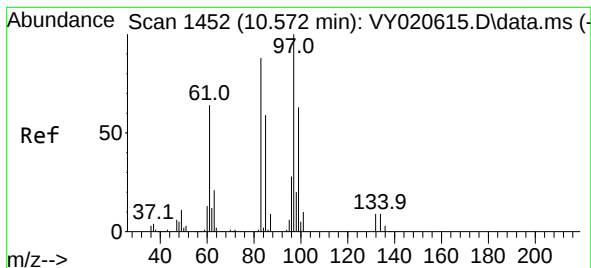
Tgt Ion: 75 Resp: 183802
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.659 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

Tgt Ion: 75 Resp: 215579
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8
 39 42.3 36.4 54.6



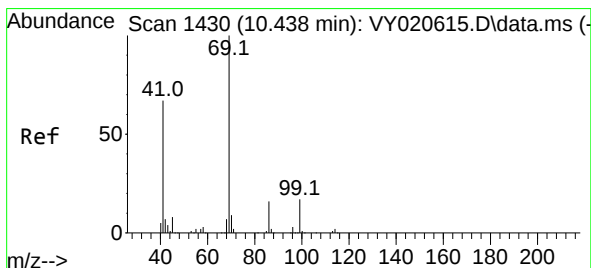
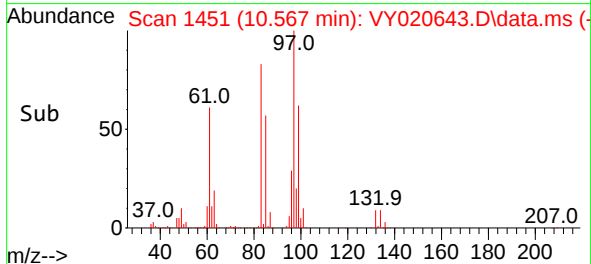
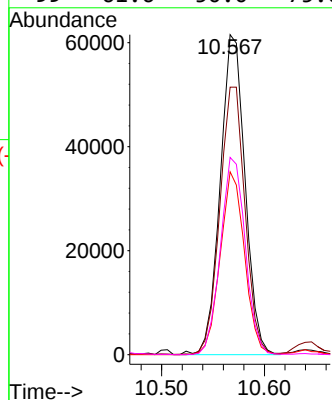
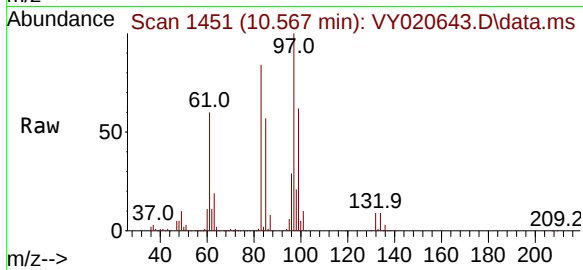


#55
1,1,2-Trichloroethane
Concen: 51.471 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 103207

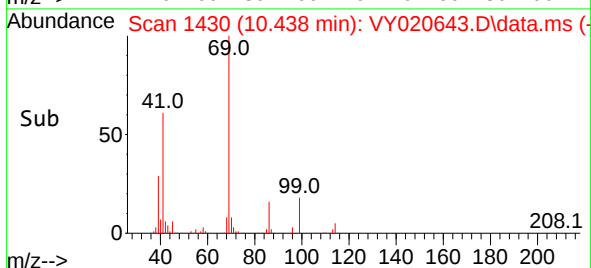
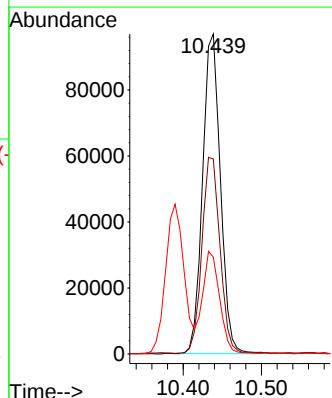
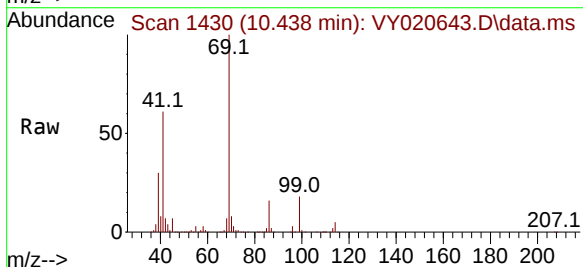
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.4	105.6
85	57.2	47.2	70.8
99	61.6	50.0	75.0

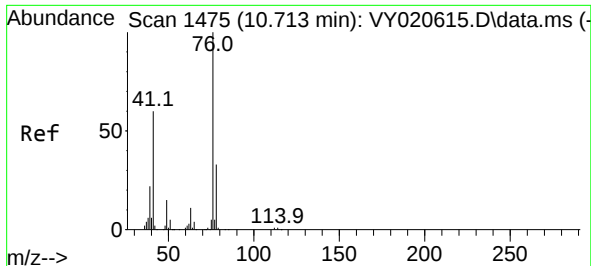


#56
Ethyl methacrylate
Concen: 52.691 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 69 Resp: 153276

Ion	Ratio	Lower	Upper
69	100		
41	62.3	54.0	81.0
39	30.8	27.9	41.9





#57

1,3-Dichloropropane

Concen: 50.890 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

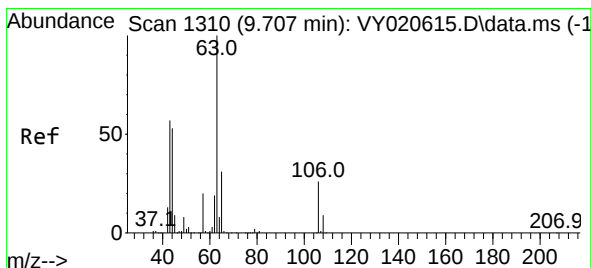
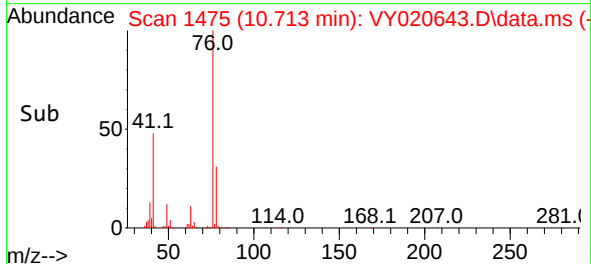
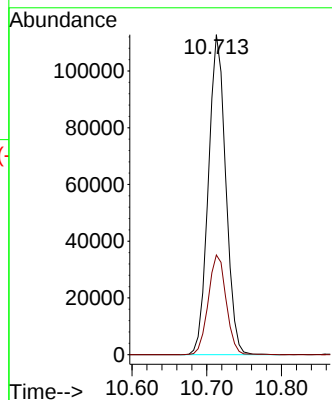
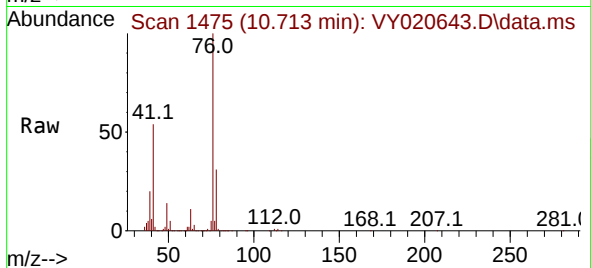
VSTDCCC050EC

Tgt Ion: 76 Resp: 181903

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.578 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020643.D

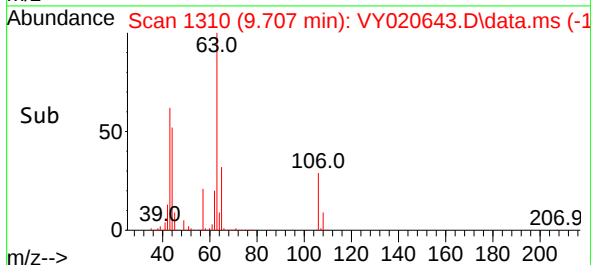
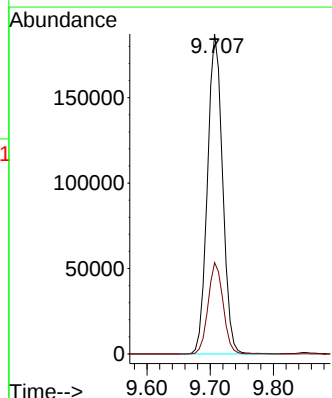
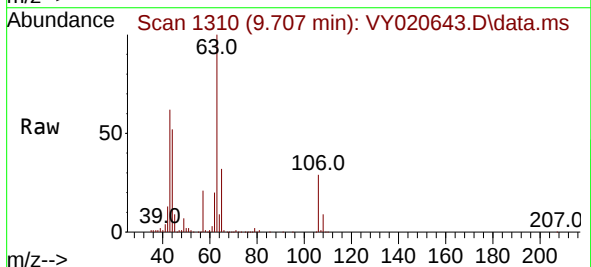
Acq: 18 Dec 2024 18:00

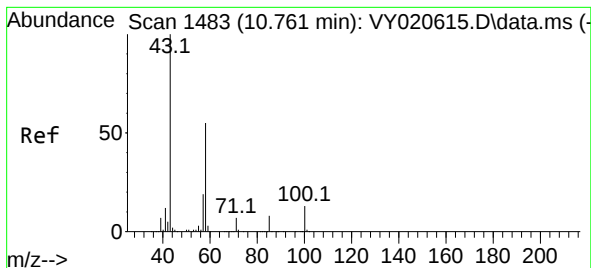
Tgt Ion: 63 Resp: 311600

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

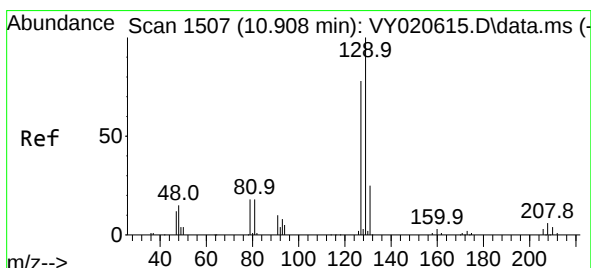
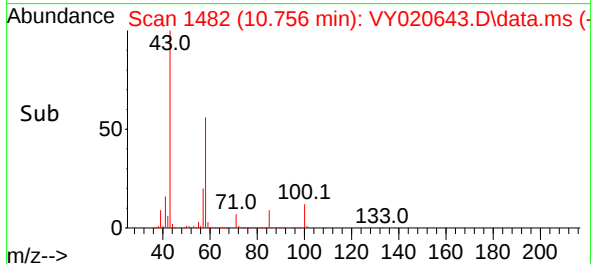
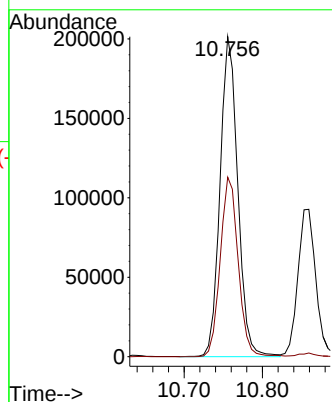
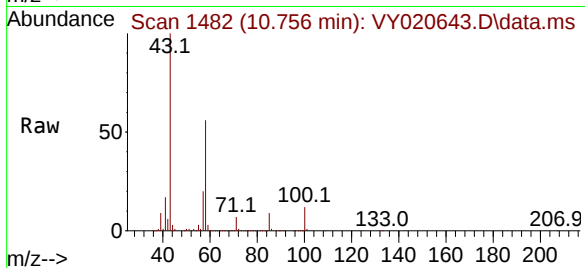




#59
2-Hexanone
Concen: 250.588 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

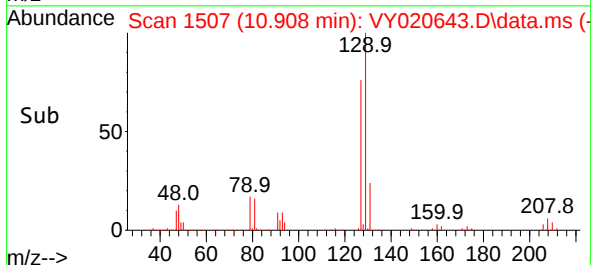
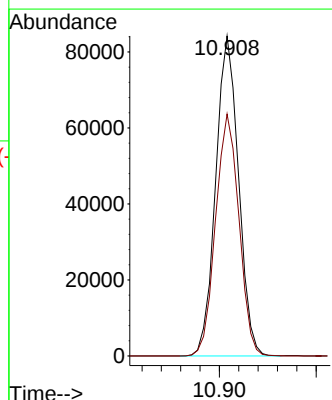
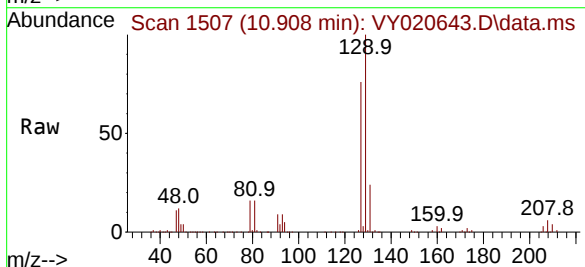
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

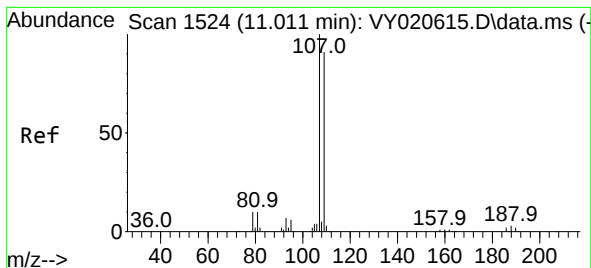
Tgt Ion: 43 Resp: 316795
Ion Ratio Lower Upper
43 100
58 56.8 27.2 81.6



#60
Dibromochloromethane
Concen: 51.448 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion:129 Resp: 137963
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

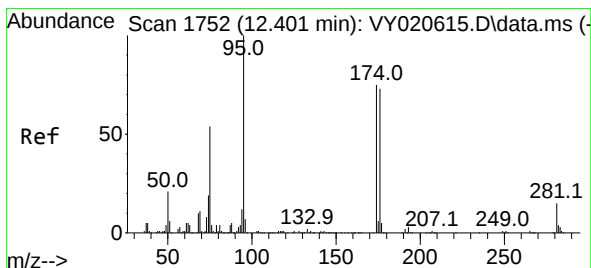
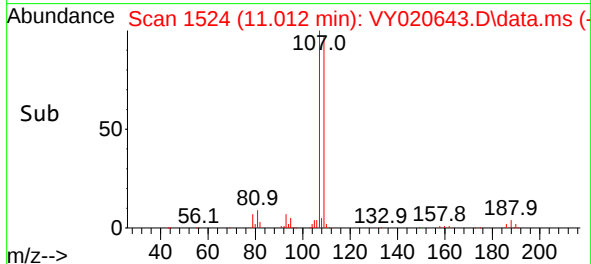
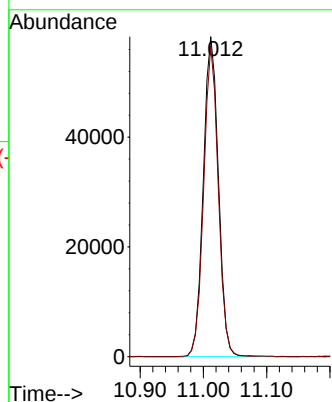
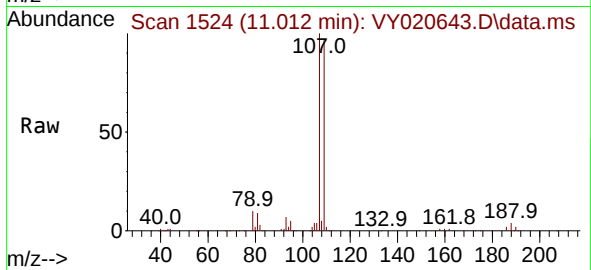




#61
1,2-Dibromoethane
Concen: 52.029 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

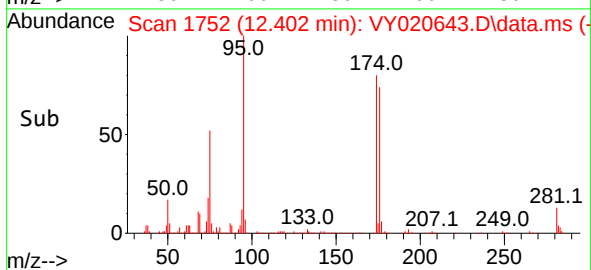
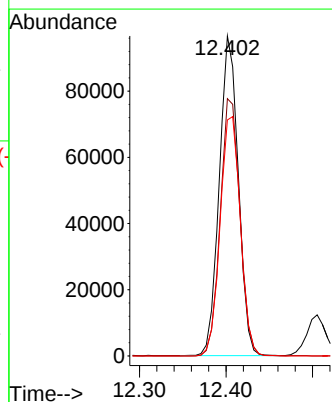
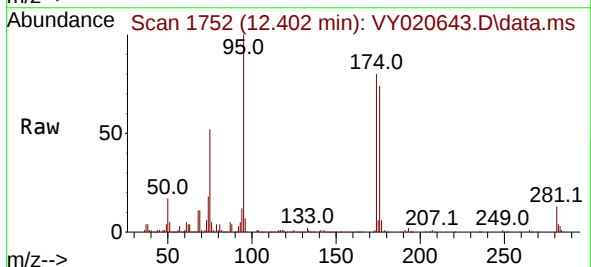
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

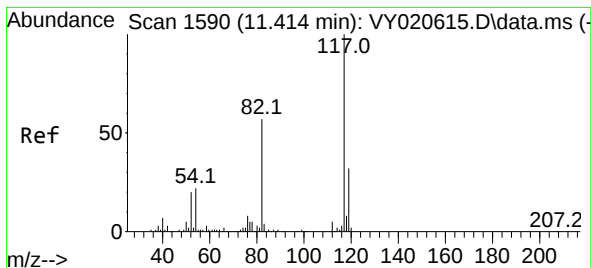
Tgt Ion:107 Resp: 97041
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 95 Resp: 147366
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.8
176 79.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

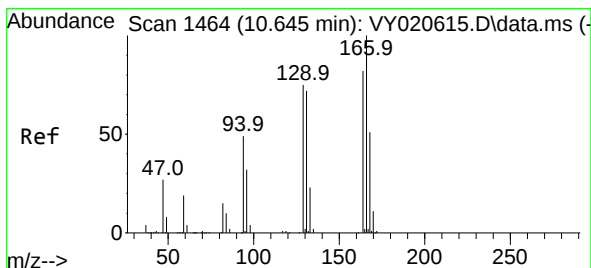
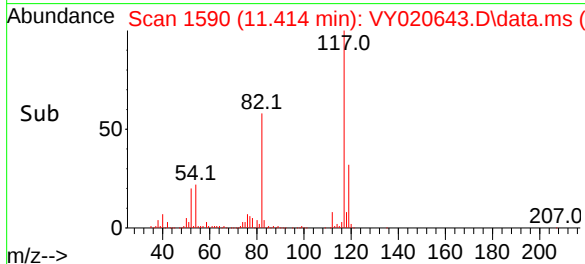
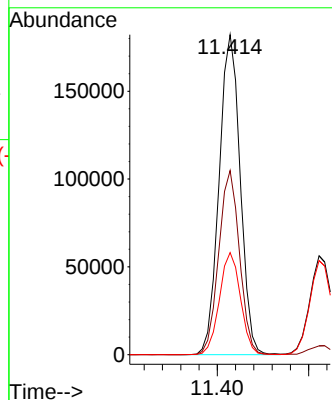
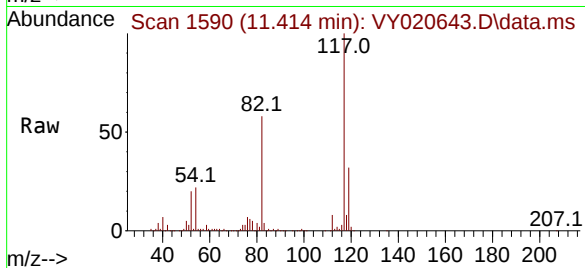
Tgt Ion:117 Resp: 292262

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.6

119 31.9 25.3 37.9



#64

Tetrachloroethene

Concen: 59.817 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Tgt Ion:164 Resp: 164440

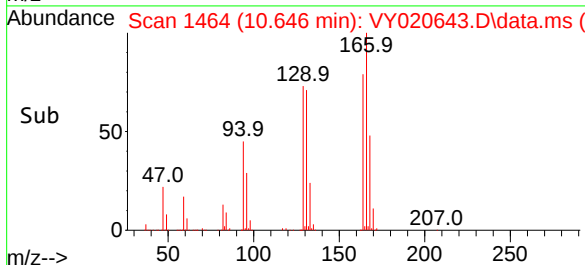
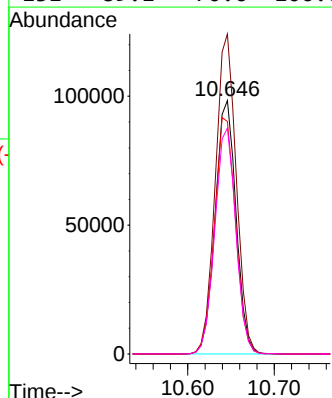
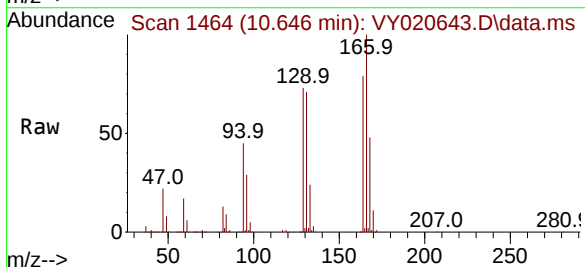
Ion Ratio Lower Upper

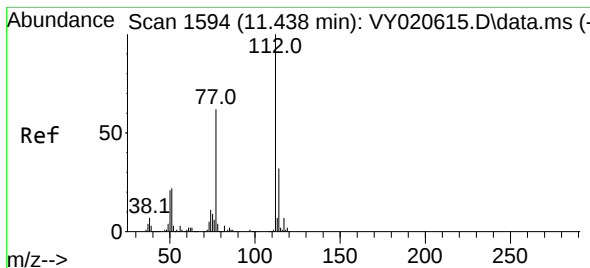
164 100

166 126.2 97.9 146.9

129 91.7 73.4 110.0

131 89.1 70.6 106.0





#65

Chlorobenzene

Concen: 49.041 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

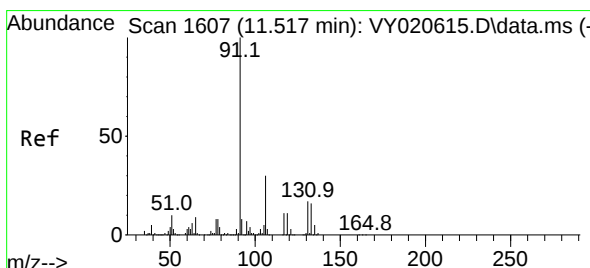
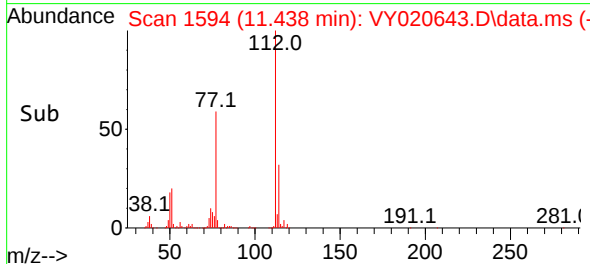
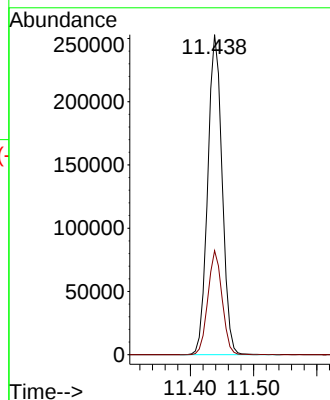
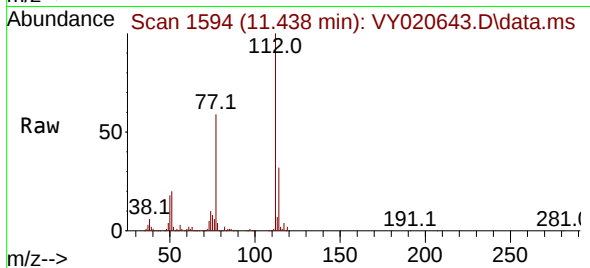
VSTDCCC050EC

Tgt Ion:112 Resp: 400755

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.051 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

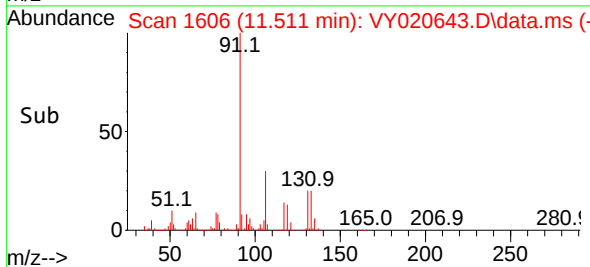
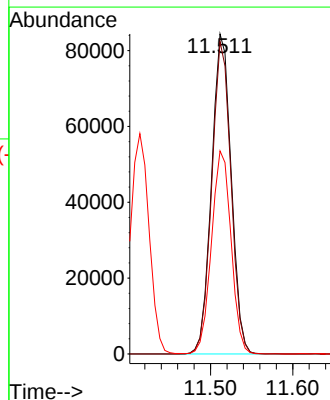
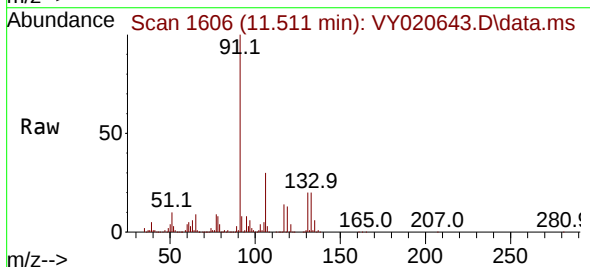
Tgt Ion:131 Resp: 139862

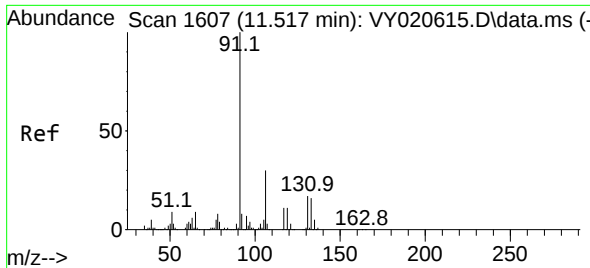
Ion Ratio Lower Upper

131 100

133 95.5 46.8 140.3

119 63.3 31.8 95.3

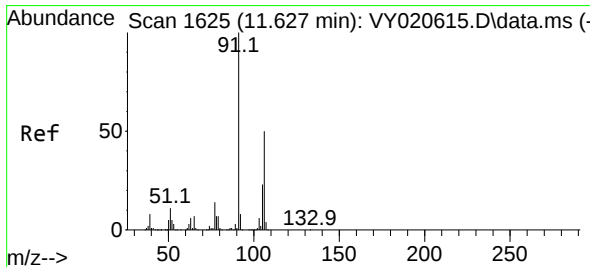
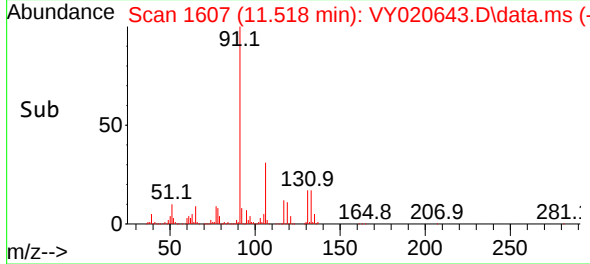
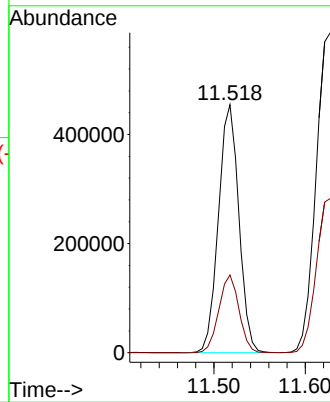
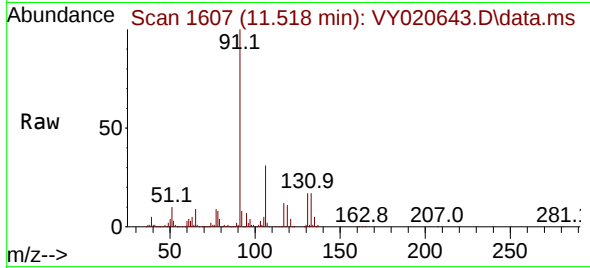




#67
Ethyl Benzene
Concen: 46.872 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

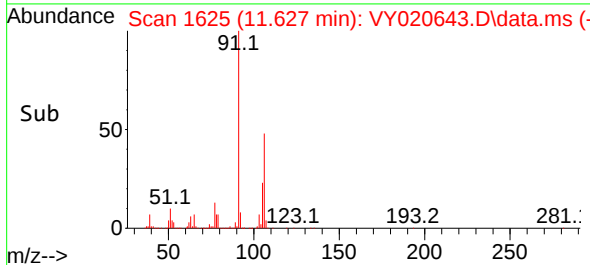
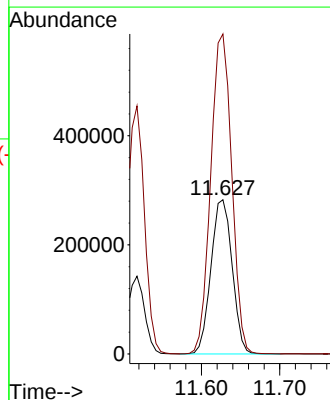
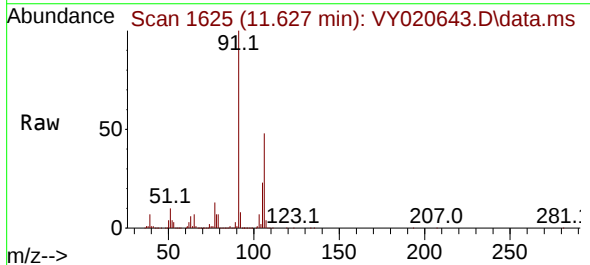
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

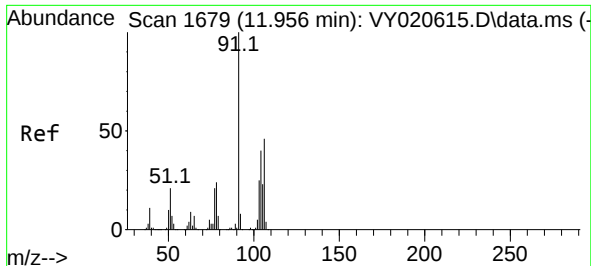
Tgt Ion: 91 Resp: 706659
Ion Ratio Lower Upper
91 100
106 31.3 23.9 35.9



#68
m/p-Xylenes
Concen: 94.810 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion:106 Resp: 531462
Ion Ratio Lower Upper
106 100
91 205.9 165.0 247.4

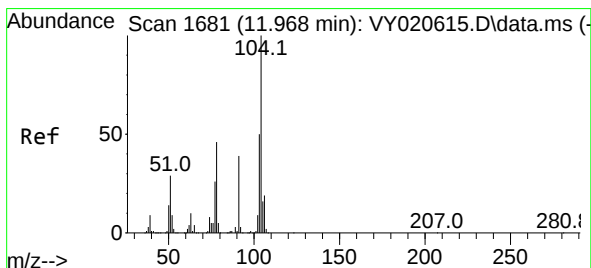
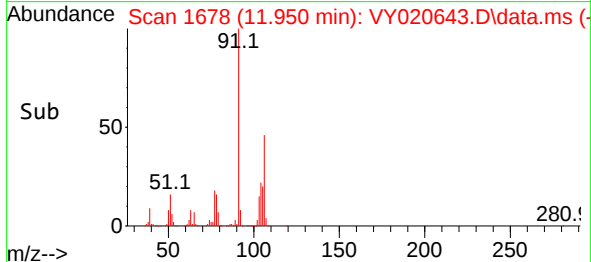
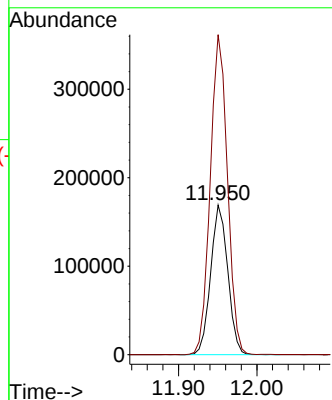
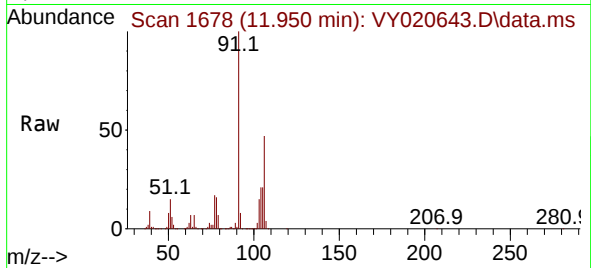




#69
o-Xylene
Concen: 48.988 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

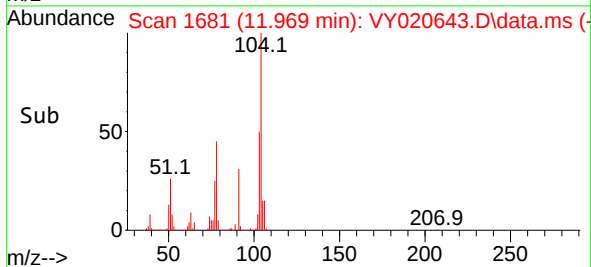
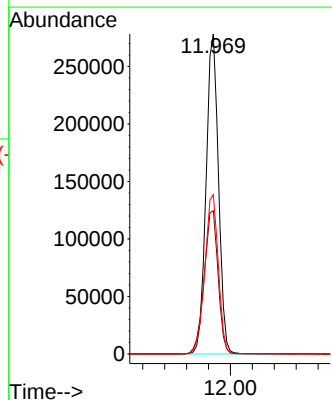
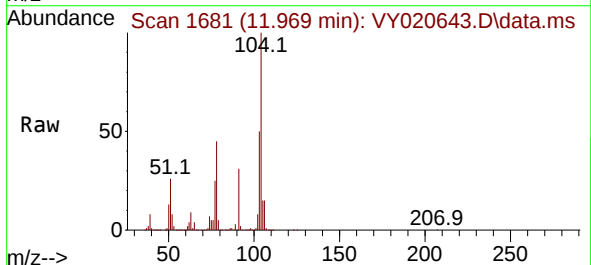
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

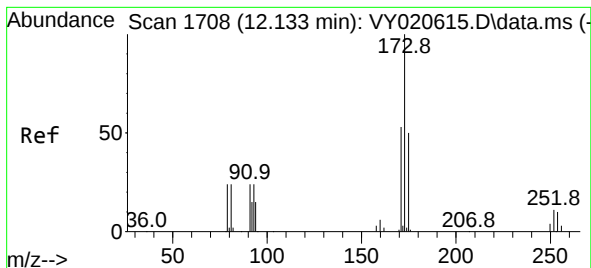
Tgt Ion:106 Resp: 256214
Ion Ratio Lower Upper
106 100
91 215.0 108.4 325.2



#70
Styrene
Concen: 49.830 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion:104 Resp: 435437
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 54.6 43.7 65.5





#71

Bromoform

Concen: 50.963 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

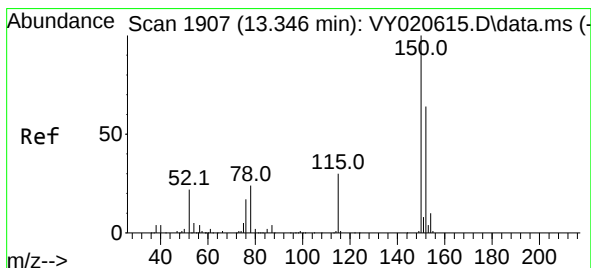
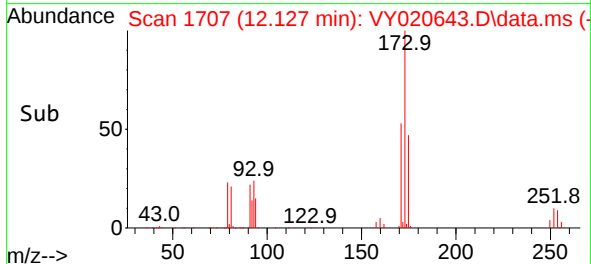
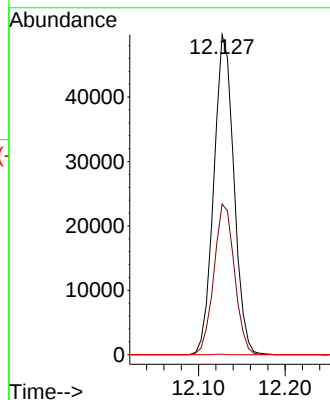
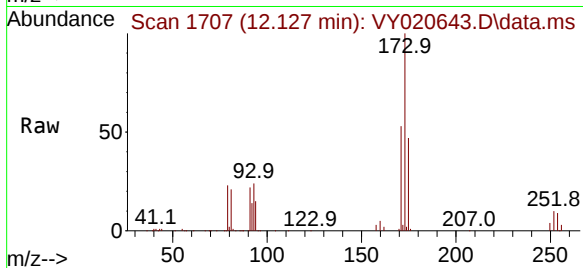
Tgt Ion:173 Resp: 80067

Ion Ratio Lower Upper

173 100

175 48.4 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: VY020643.D

Acq: 18 Dec 2024 18:00

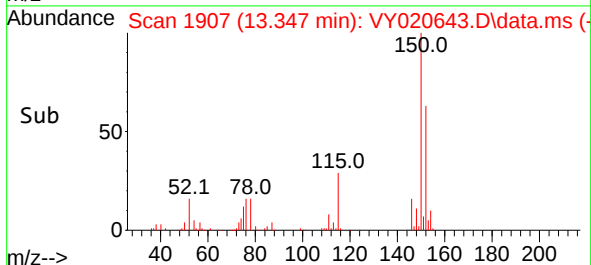
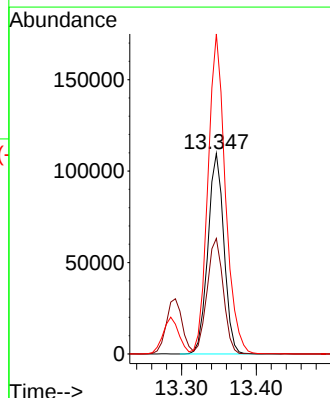
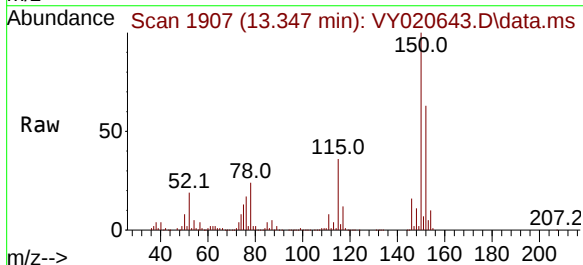
Tgt Ion:152 Resp: 163091

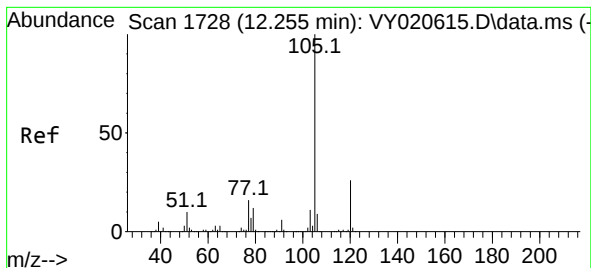
Ion Ratio Lower Upper

152 100

115 58.5 30.2 90.6

150 174.1 0.0 355.4





#73

Isopropylbenzene

Concen: 46.241 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

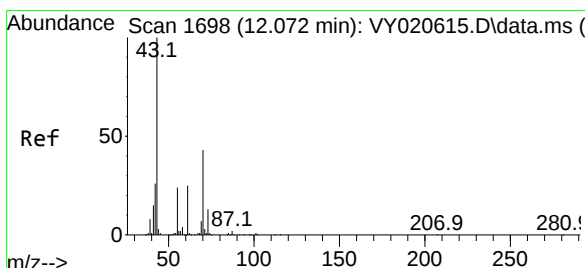
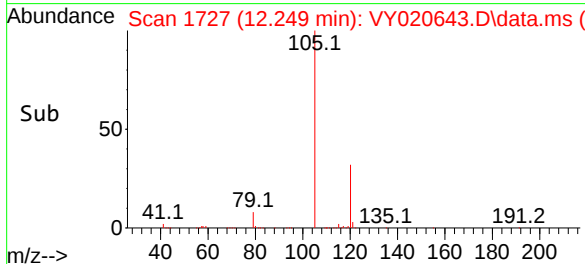
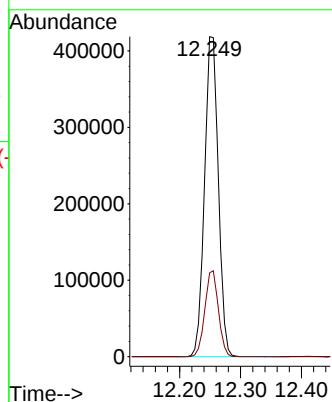
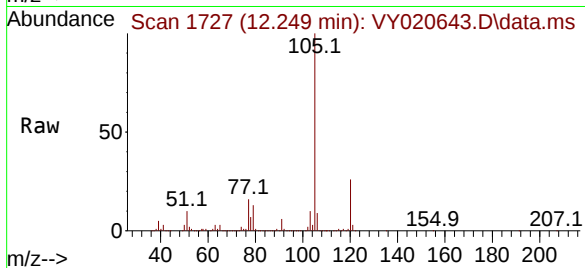
VSTDCCC050EC

Tgt Ion:105 Resp: 658114

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 48.120 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Tgt Ion: 43 Resp: 160277

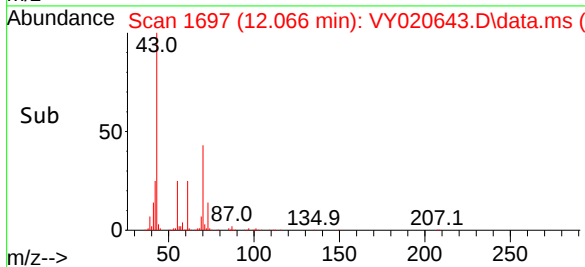
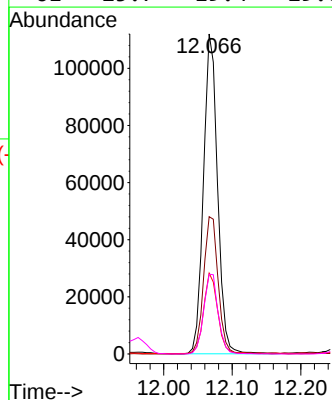
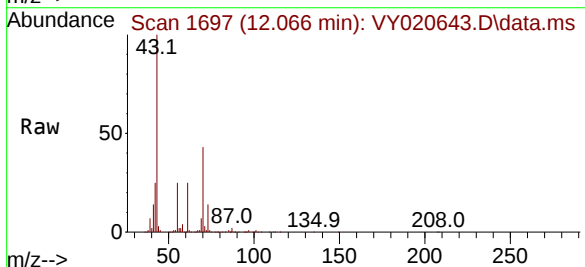
Ion Ratio Lower Upper

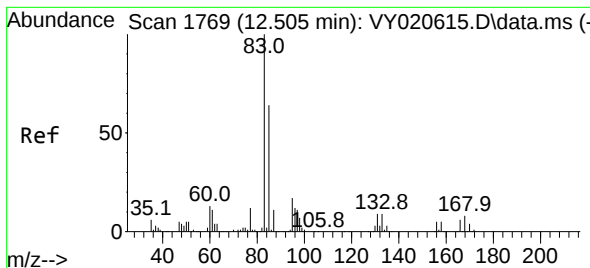
43 100

70 44.7 34.2 51.2

55 25.2 19.6 29.4

61 25.7 19.4 29.0

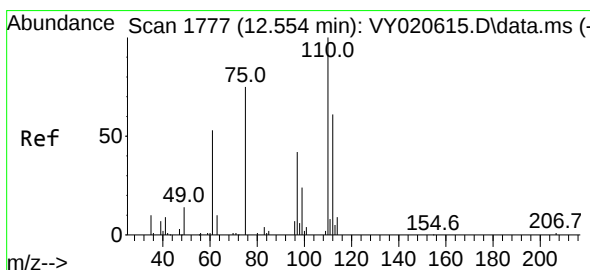
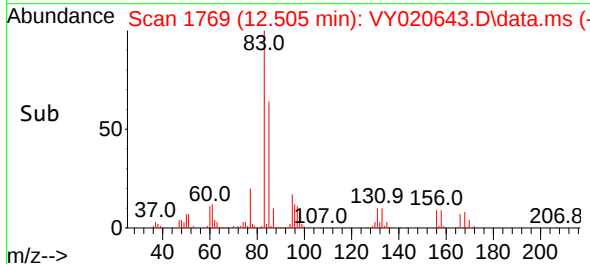
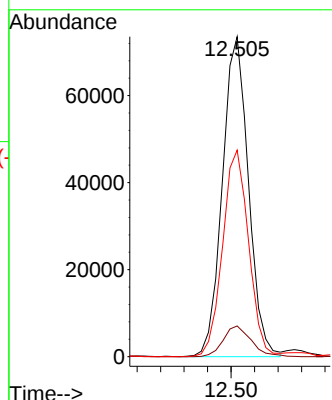
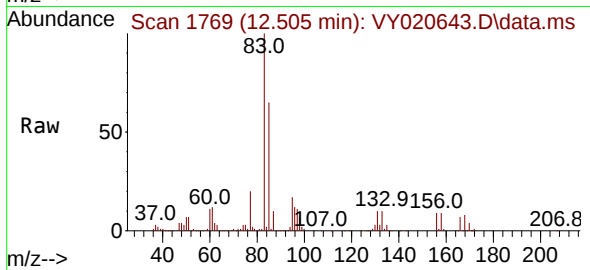




#75
 1,1,2-Tetrachloroethane
 Concen: 49.037 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

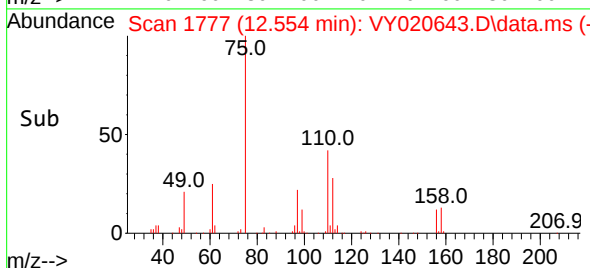
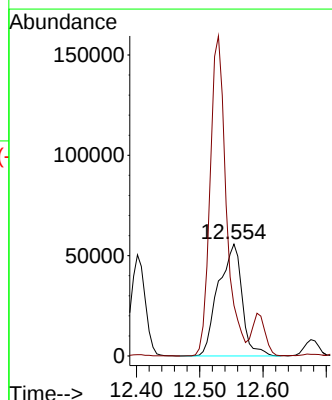
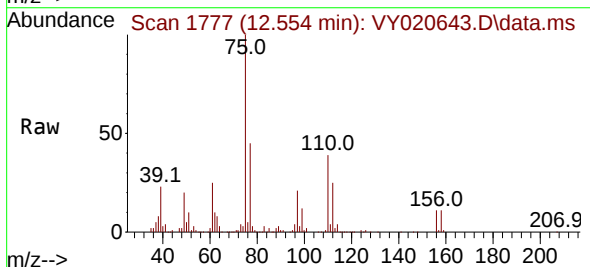
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

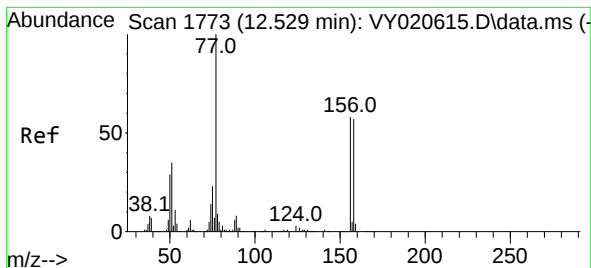
Tgt Ion: 83 Resp: 113286
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.2 15.6
 85 64.4 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 85.846 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

Tgt Ion: 75 Resp: 145441
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.493 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

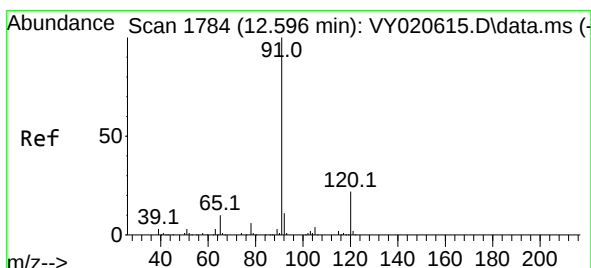
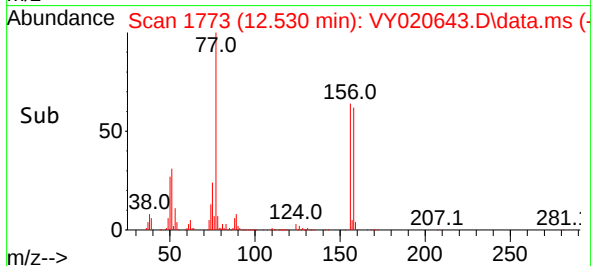
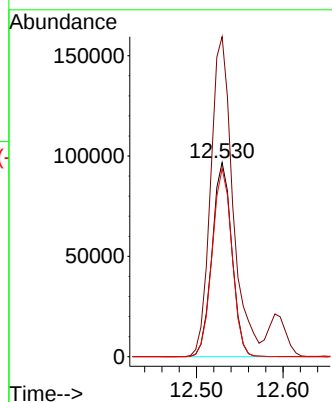
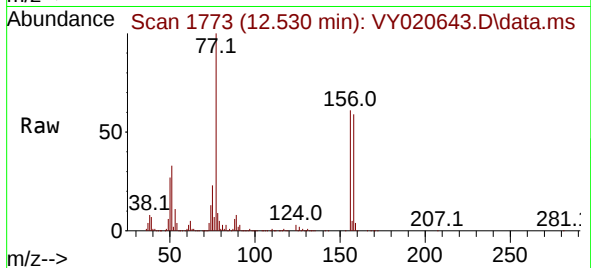
Tgt Ion:156 Resp: 153437

Ion Ratio Lower Upper

156 100

77 184.8 94.2 282.4

158 96.9 48.9 146.6



#78

n-propylbenzene

Concen: 45.592 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY020643.D

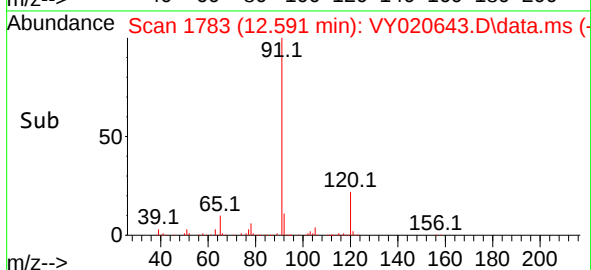
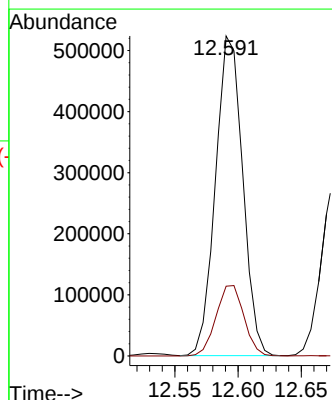
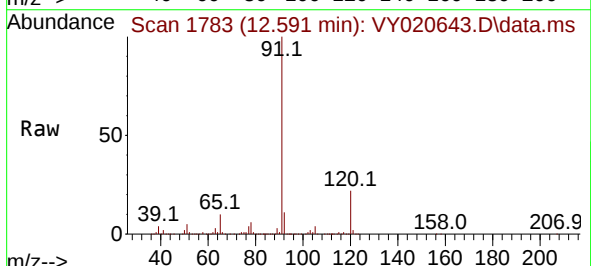
Acq: 18 Dec 2024 18:00

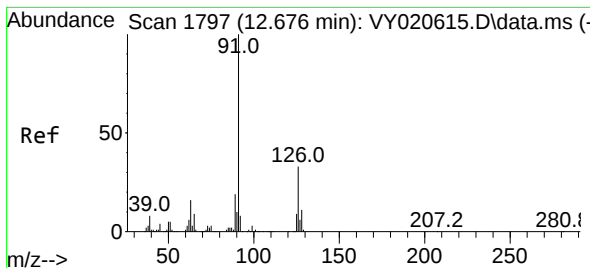
Tgt Ion: 91 Resp: 781770

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.1

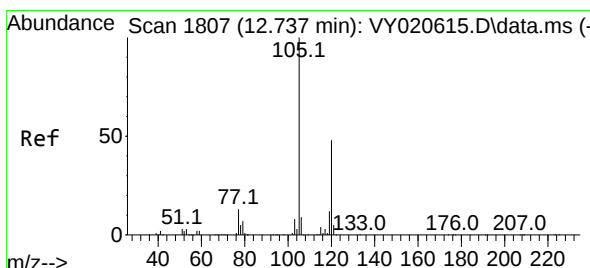
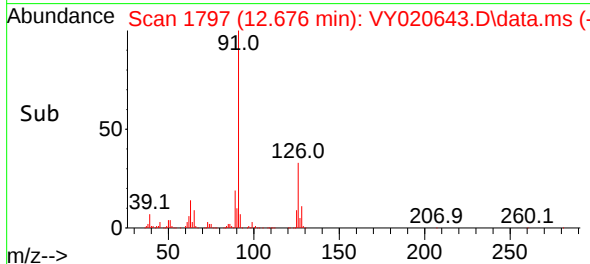
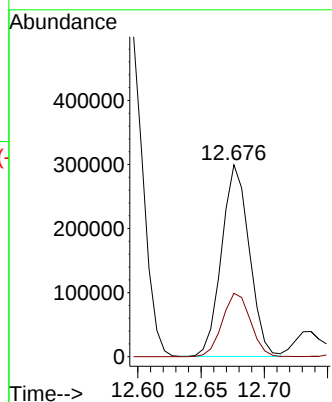
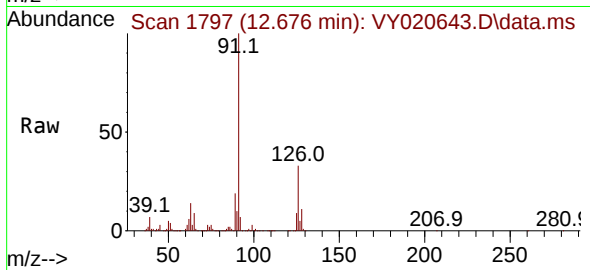




#79
2-Chlorotoluene
Concen: 47.280 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

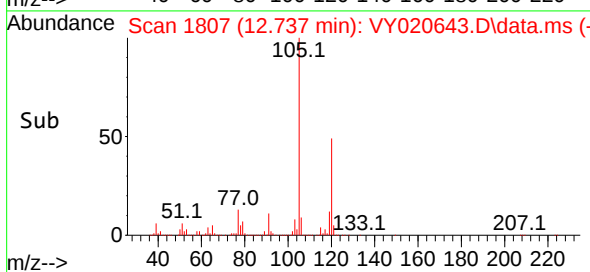
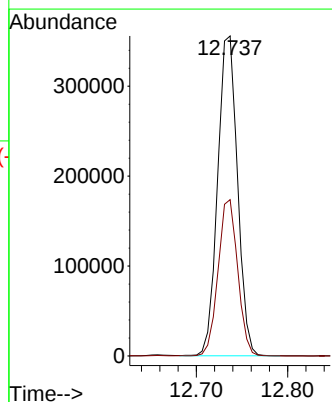
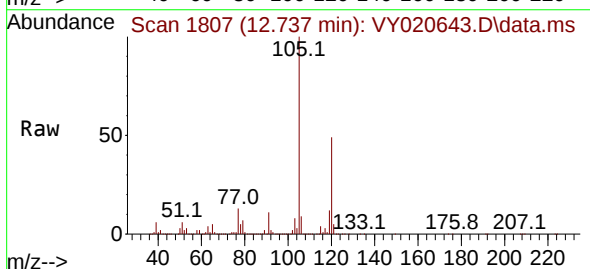
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

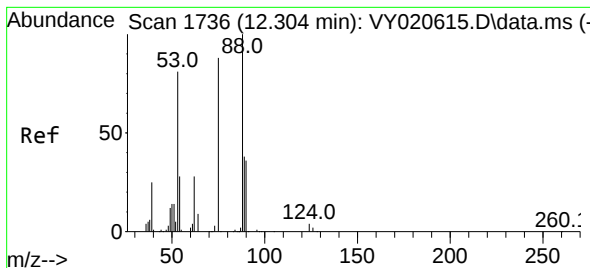
Tgt Ion: 91 Resp: 456118
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 46.507 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 105 Resp: 537070
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

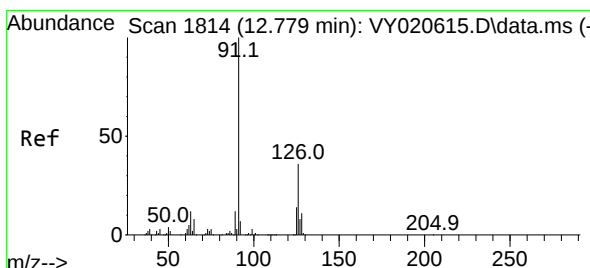
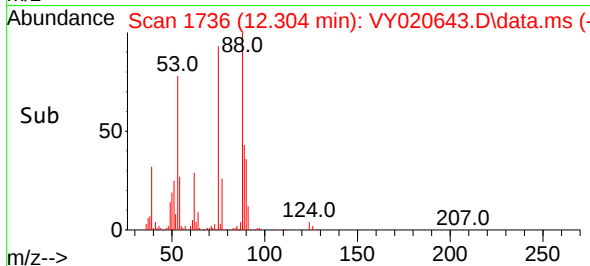
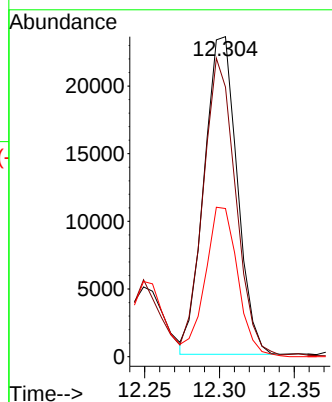
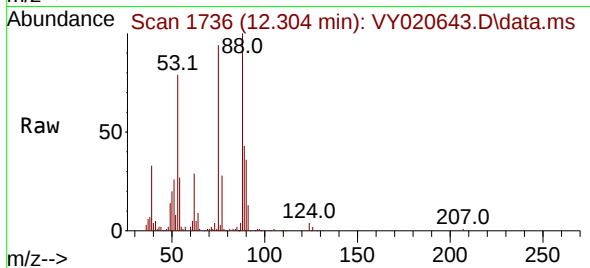




#81
trans-1,4-Dichloro-2-butene
Concen: 44.708 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

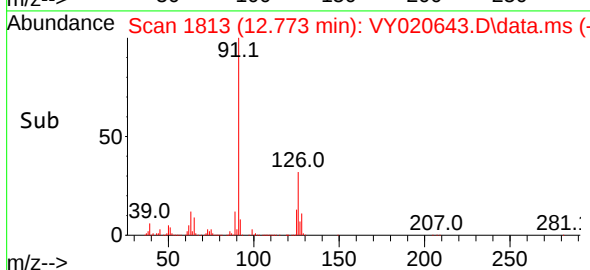
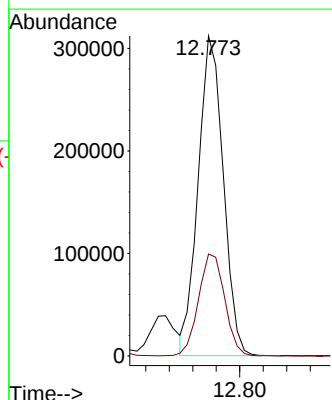
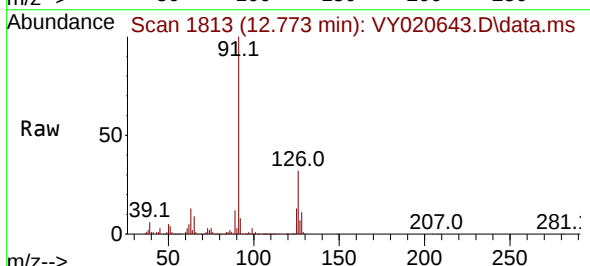
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

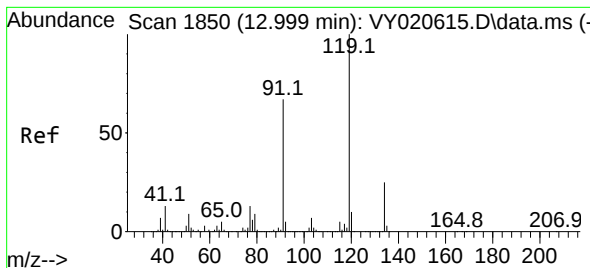
Tgt Ion: 75 Resp: 36085
Ion Ratio Lower Upper
75 100
53 92.6 75.4 113.2
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.207 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020643.D
Acq: 18 Dec 2024 18:00

Tgt Ion: 91 Resp: 462466
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7





#83

tert-Butylbenzene

Concen: 46.271 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

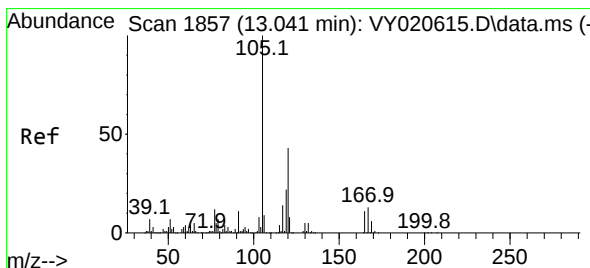
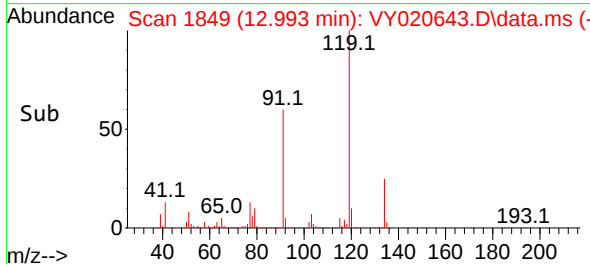
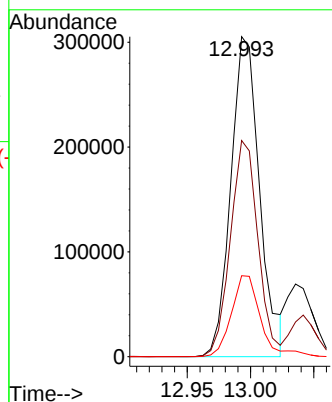
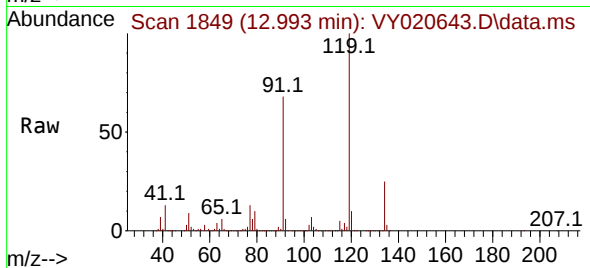
Tgt Ion:119 Resp: 483924

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 25.7 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 46.840 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020643.D

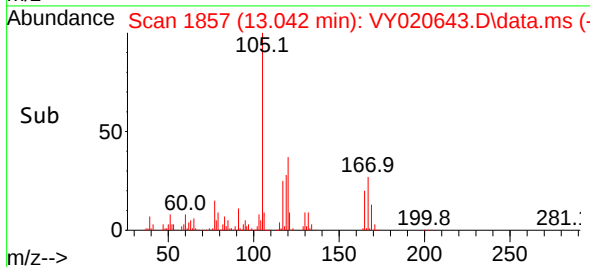
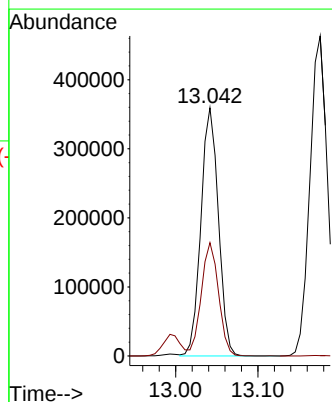
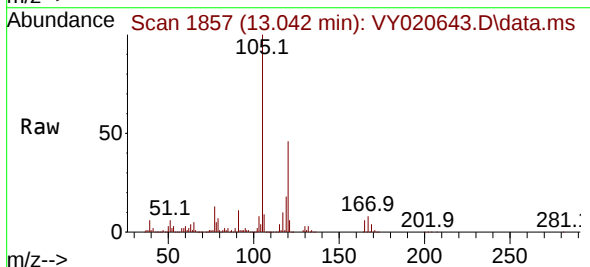
Acq: 18 Dec 2024 18:00

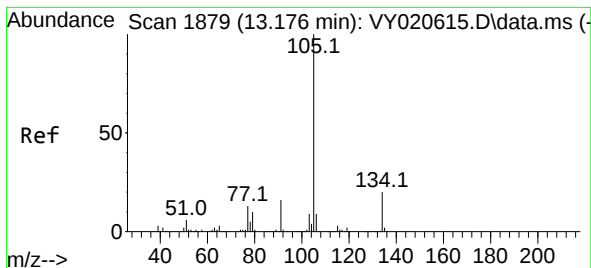
Tgt Ion:105 Resp: 530579

Ion Ratio Lower Upper

105 100

120 44.7 21.8 65.4





#85

sec-Butylbenzene

Concen: 45.033 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

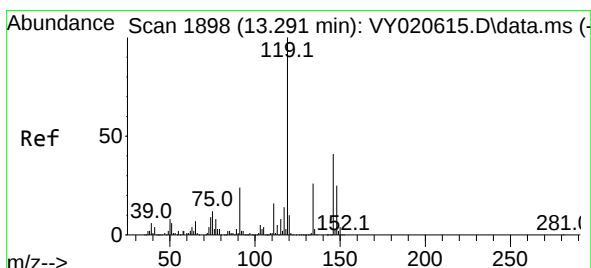
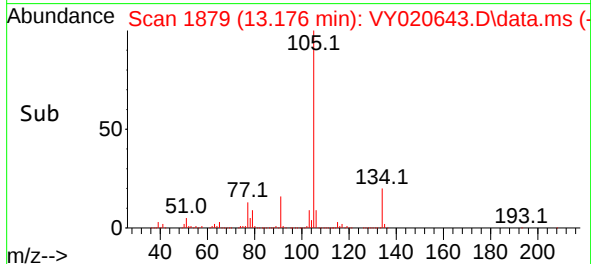
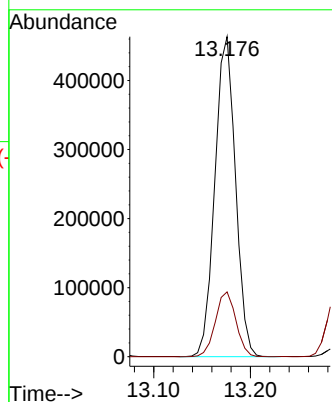
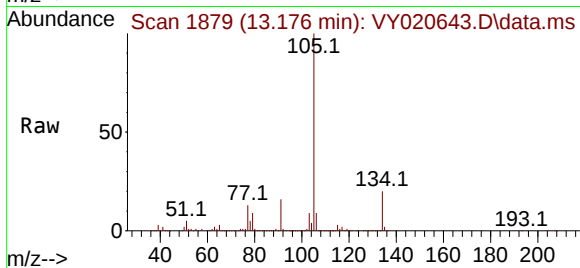
VSTDCCC050EC

Tgt Ion:105 Resp: 684790

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 45.965 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

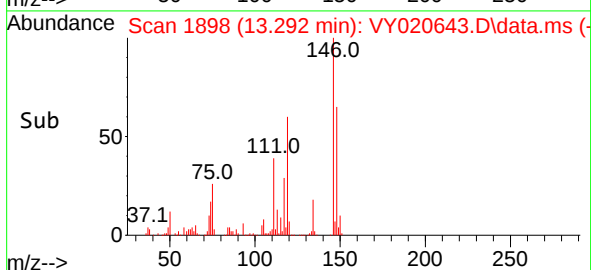
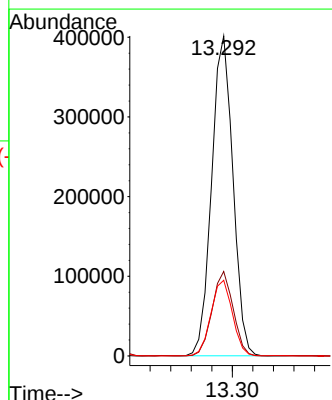
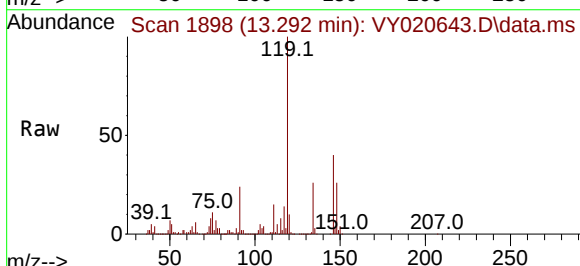
Tgt Ion:119 Resp: 576291

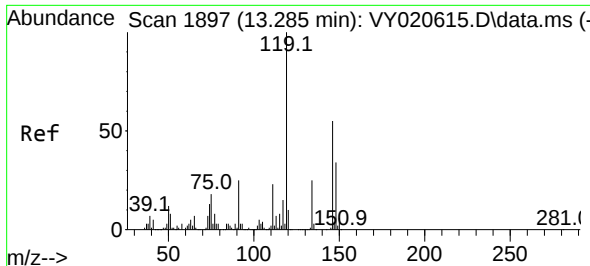
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.204 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

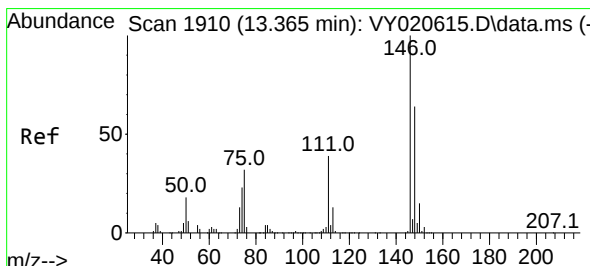
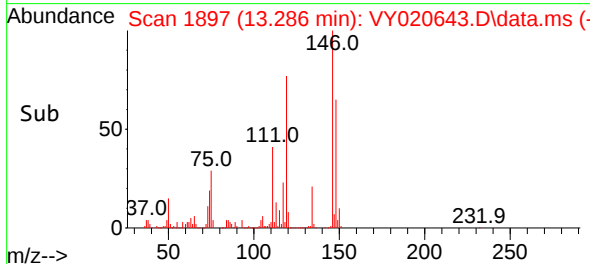
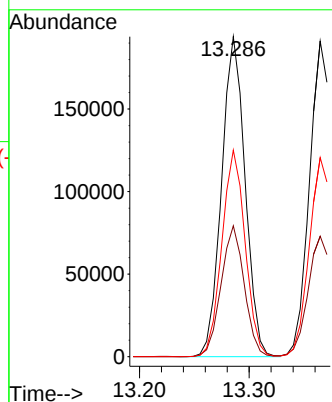
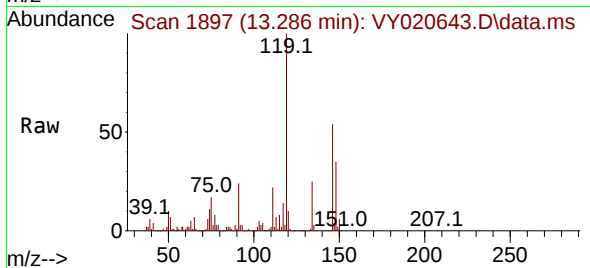
Tgt Ion:146 Resp: 288882

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

148 64.0 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 47.073 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

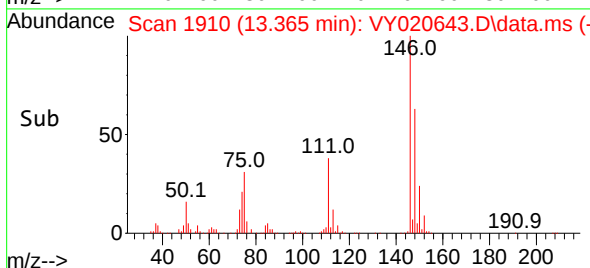
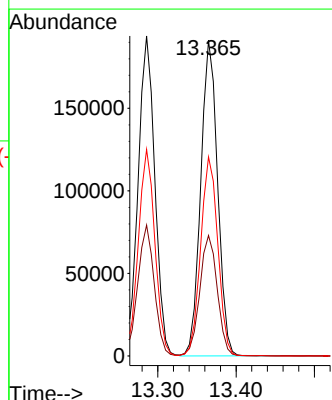
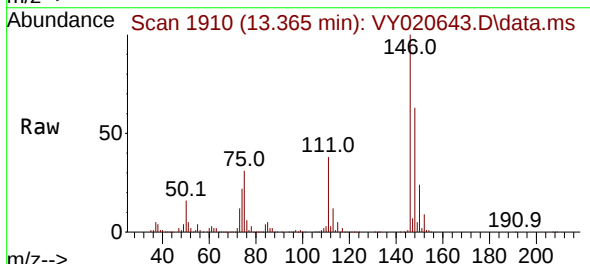
Tgt Ion:146 Resp: 285320

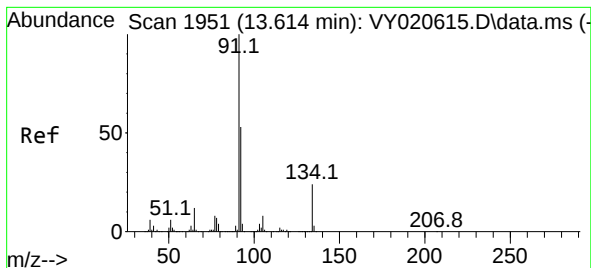
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 44.859 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

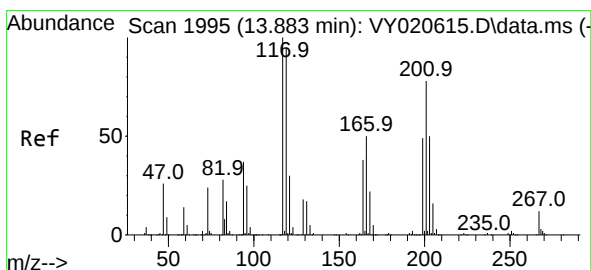
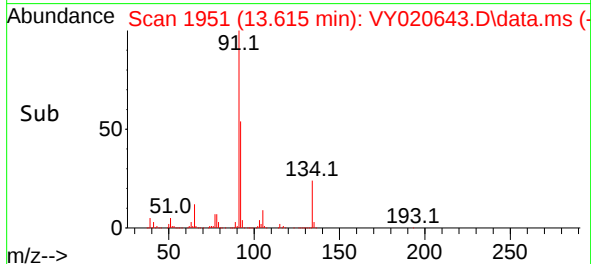
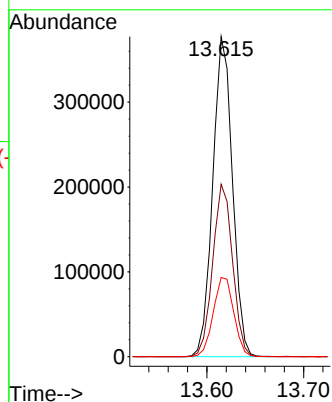
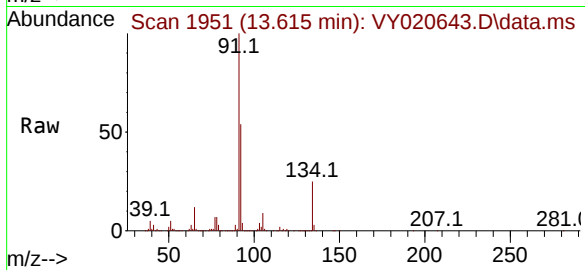
Tgt Ion: 91 Resp: 533020

Ion Ratio Lower Upper

91 100

92 54.3 26.8 80.4

134 25.9 12.5 37.5



#90

Hexachloroethane

Concen: 46.082 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020643.D

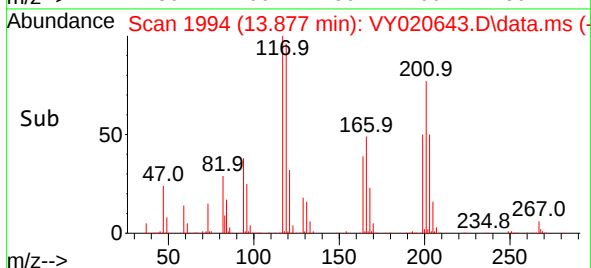
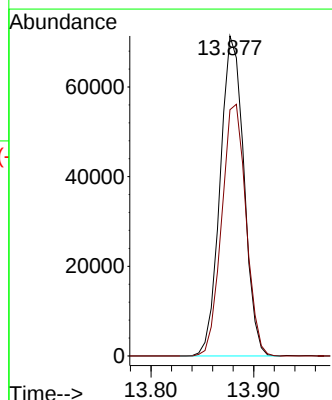
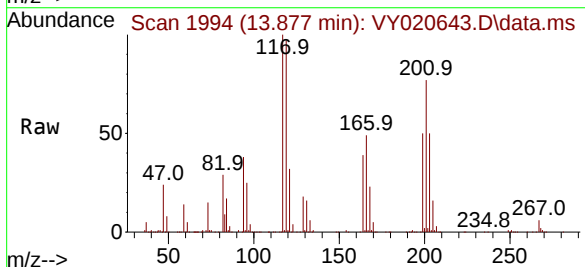
Acq: 18 Dec 2024 18:00

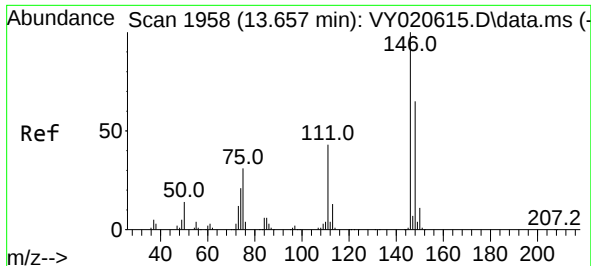
Tgt Ion: 117 Resp: 114496

Ion Ratio Lower Upper

117 100

201 80.3 39.1 117.3

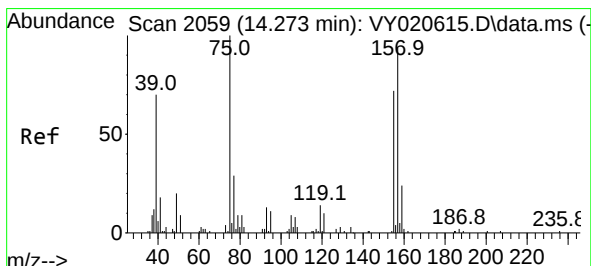
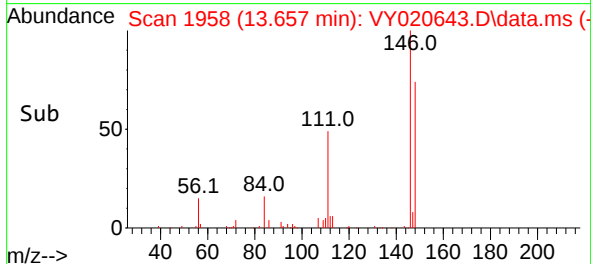
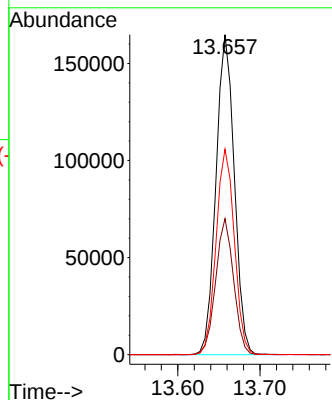
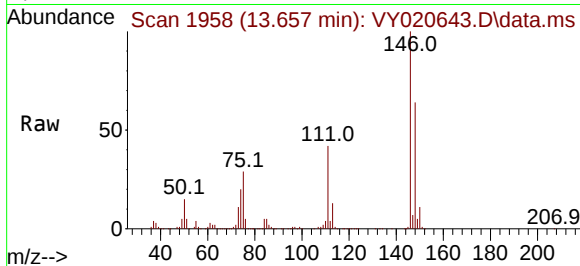




#91
 1,2-Dichlorobenzene
 Concen: 48.166 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

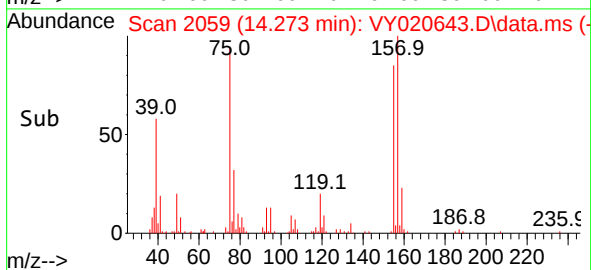
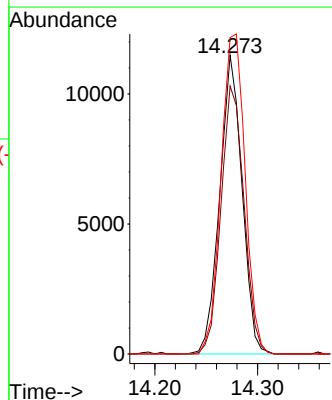
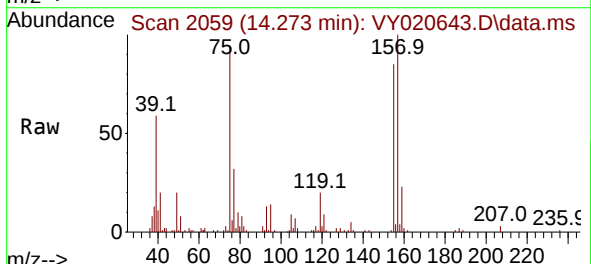
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

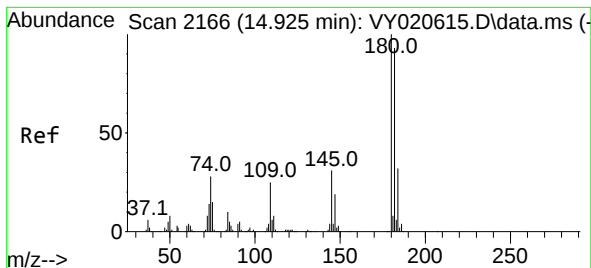
Tgt Ion:146 Resp: 255398
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 63.7
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.085 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY020643.D
 Acq: 18 Dec 2024 18:00

Tgt Ion: 75 Resp: 17285
 Ion Ratio Lower Upper
 75 100
 155 92.6 41.1 123.3
 157 115.5 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 48.087 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

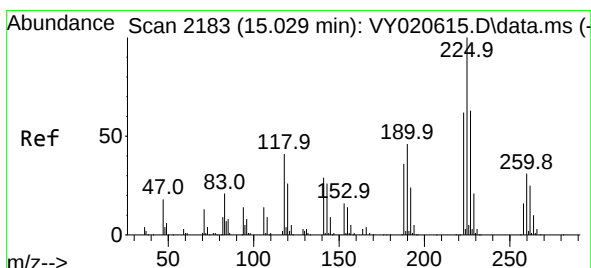
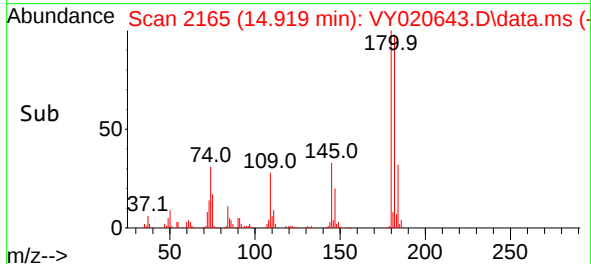
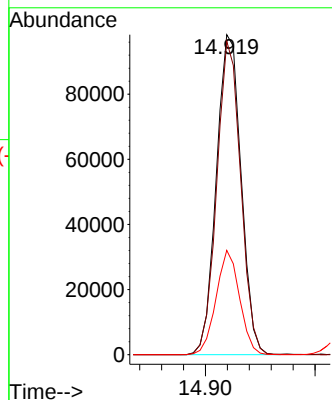
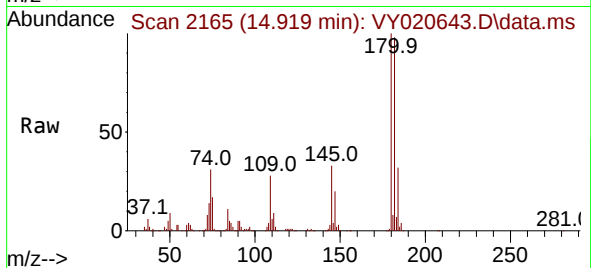
Tgt Ion:180 Resp: 154231

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 30.9 15.6 46.7



#94

Hexachlorobutadiene

Concen: 46.288 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

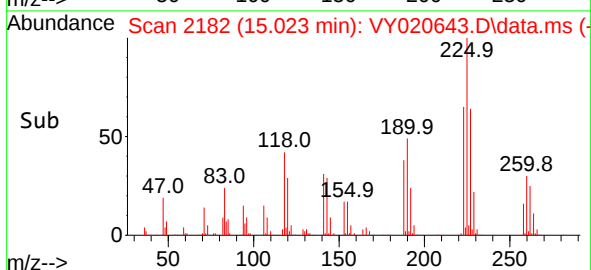
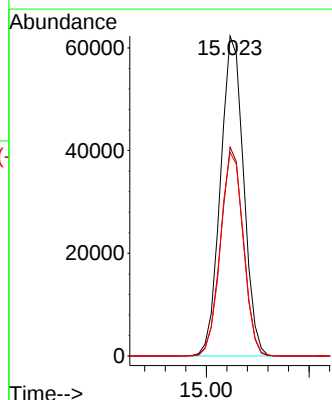
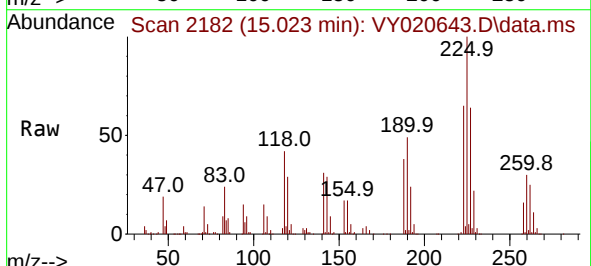
Tgt Ion:225 Resp: 97051

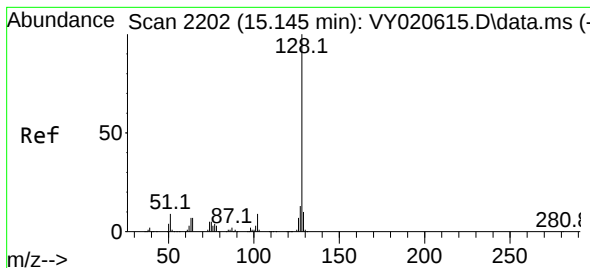
Ion Ratio Lower Upper

225 100

223 63.9 31.8 95.3

227 63.8 32.2 96.6





#95

Naphthalene

Concen: 50.952 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

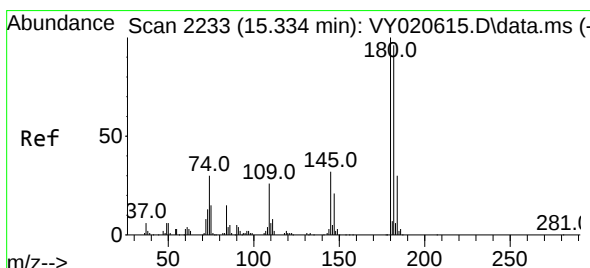
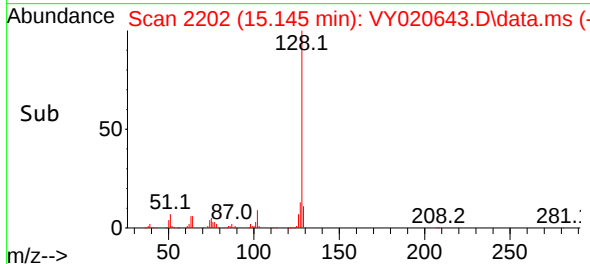
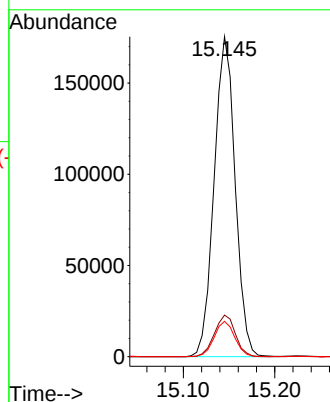
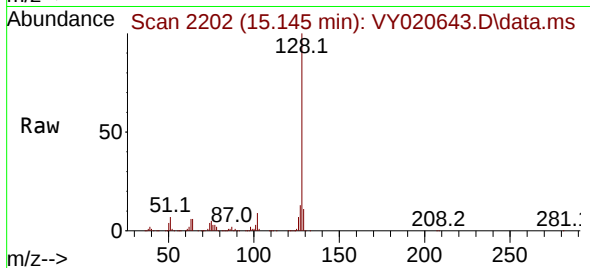
Tgt Ion:128 Resp: 280168

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 48.251 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY020643.D

Acq: 18 Dec 2024 18:00

Tgt Ion:180 Resp: 130752

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 31.8 16.0 48.0

