

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010054.D
 Acq On : 16 Aug 2022 19:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 05:14:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	101912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50566	49.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.240%
35) Dibromofluoromethane	7.709	113	47886	52.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.178	98	173338	51.359	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.477	95	61333	51.739	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	41942	50.275	ug/l	98
3) Chloromethane	2.107	50	59422	51.979	ug/l	98
4) Vinyl Chloride	2.241	62	77394	53.394	ug/l	97
5) Bromomethane	2.637	94	60665	51.276	ug/l	99
6) Chloroethane	2.783	64	53109	53.203	ug/l	99
7) Trichlorofluoromethane	3.107	101	93032	54.032	ug/l	97
8) Diethyl Ether	3.521	74	25512	52.903	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	49605	54.328	ug/l	100
10) Methyl Iodide	4.076	142	59178	54.754	ug/l	99
11) Tert butyl alcohol	4.954	59	25519	257.520	ug/l	100
12) 1,1-Dichloroethene	3.856	96	42761	51.171	ug/l	96
13) Acrolein	3.716	56	12587	185.055	ug/l	99
14) Allyl chloride	4.472	41	60412	49.191	ug/l	98
15) Acrylonitrile	5.155	53	63383	278.748	ug/l	100
16) Acetone	3.942	43	52634	241.158	ug/l	97
17) Carbon Disulfide	4.179	76	113273	47.323	ug/l	99
18) Methyl Acetate	4.466	43	30707	51.664	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	127777	55.650	ug/l	97
20) Methylene Chloride	4.698	84	53743	53.464	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	49876	51.898	ug/l	100
22) Diisopropyl ether	6.112	45	141933	58.759	ug/l	98
23) Vinyl Acetate	6.051	43	479471	314.569	ug/l	99
24) 1,1-Dichloroethane	6.002	63	83766	54.604	ug/l	98
25) 2-Butanone	6.978	43	86612	290.076	ug/l	97
26) 2,2-Dichloropropane	6.972	77	80611	50.000	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	58123	54.998	ug/l	98
28) Bromochloromethane	7.325	49	33297	52.161	ug/l	98
29) Tetrahydrofuran	7.337	42	57238	295.132	ug/l	98
30) Chloroform	7.502	83	97462	51.950	ug/l	98
31) Cyclohexane	7.776	56	70822	49.190	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	94751	55.714	ug/l	99
36) 1,1-Dichloropropene	7.911	75	68850	54.179	ug/l	96
37) Ethyl Acetate	7.063	43	39082	61.071	ug/l	97
38) Carbon Tetrachloride	7.892	117	89256	57.110	ug/l	99
39) Methylcyclohexane	9.179	83	81290	56.776	ug/l	96
40) Benzene	8.154	78	195249	52.519	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	54291	164.242	ug/l #	76
42) 1,2-Dichloroethane	8.228	62	65610	56.639	ug/l	100
43) Isopropyl Acetate	8.264	43	72465	59.656	ug/l	98
44) Trichloroethene	8.935	130	61299	54.552	ug/l	94
45) 1,2-Dichloropropane	9.209	63	46694	53.119	ug/l	96
46) Dibromomethane	9.300	93	32674	58.036	ug/l	99
47) Bromodichloromethane	9.489	83	75861	55.862	ug/l	98
48) Methyl methacrylate	9.288	41	31185	59.002	ug/l	96
49) 1,4-Dioxane	9.294	88	7687	1328.010	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	208265	310.766	ug/l	98
52) Toluene	10.239	92	135706	56.635	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	74883	57.258	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	80131	56.013	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	44545	57.283	ug/l	98
56) Ethyl methacrylate	10.508	69	54302	60.420	ug/l	98
57) 1,3-Dichloropropane	10.788	76	72537	58.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	98135	252.311	ug/l	98
59) 2-Hexanone	10.831	43	144175	272.023	ug/l	98
60) Dibromochloromethane	10.983	129	59522	57.789	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44056	58.133	ug/l	100
64) Tetrachloroethene	10.715	164	64617	56.523	ug/l	95
65) Chlorobenzene	11.514	112	150400	53.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60923	55.095	ug/l	99
67) Ethyl Benzene	11.587	91	256354	54.789	ug/l	97
68) m/p-Xylenes	11.703	106	211964	114.039	ug/l	98
69) o-Xylene	12.026	106	98675	56.826	ug/l	98
70) Styrene	12.044	104	169230	57.753	ug/l	99
71) Bromoform	12.202	173	41320	59.646	ug/l #	99
73) Isopropylbenzene	12.324	105	264645	55.298	ug/l	98
74) N-amyl acetate	12.141	43	57907	43.437	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	48926	51.425	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	66154	91.146	ug/l #	100
77) Bromobenzene	12.605	156	69200	54.427	ug/l	91
78) n-propylbenzene	12.666	91	310041	52.548	ug/l	97
79) 2-Chlorotoluene	12.751	91	174366	52.260	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	228599	54.830	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	16136	50.242	ug/l	97
82) 4-Chlorotoluene	12.855	91	183515	52.579	ug/l	98
83) tert-Butylbenzene	13.074	119	205094	55.984	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	229358	56.029	ug/l	98
85) sec-Butylbenzene	13.251	105	291463	54.469	ug/l	97
86) p-Isopropyltoluene	13.367	119	259868	56.665	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	138671	53.561	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	136911	52.381	ug/l	99
89) n-Butylbenzene	13.696	91	219920	53.826	ug/l	98
90) Hexachloroethane	13.958	117	49100	52.821	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	124729	54.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	8945	54.701	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	79118	57.511	ug/l	99
94) Hexachlorobutadiene	15.110	225	50329	57.169	ug/l	98
95) Naphthalene	15.232	128	152914	62.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	70669	58.367	ug/l	99

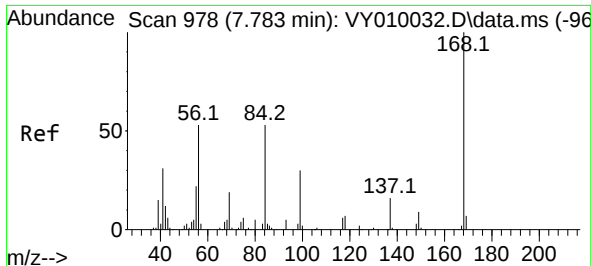
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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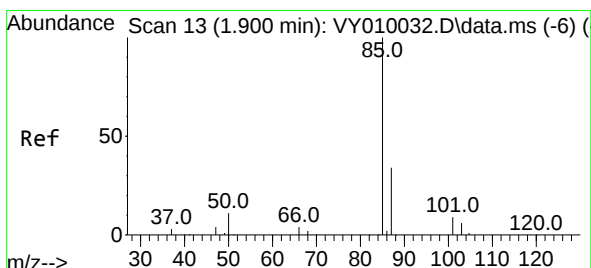
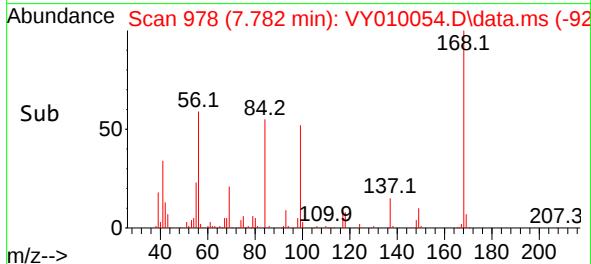
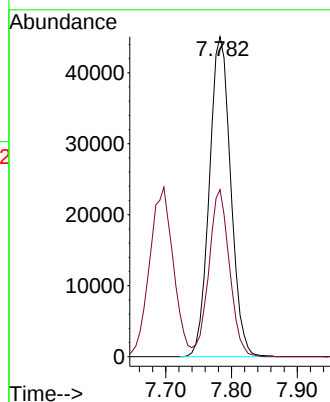
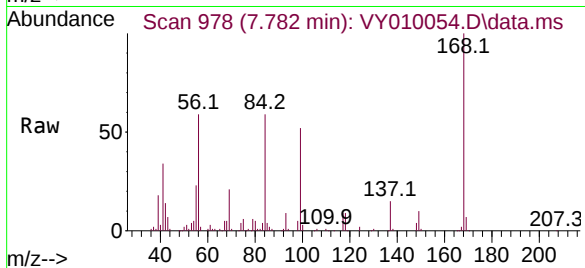
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010054.D
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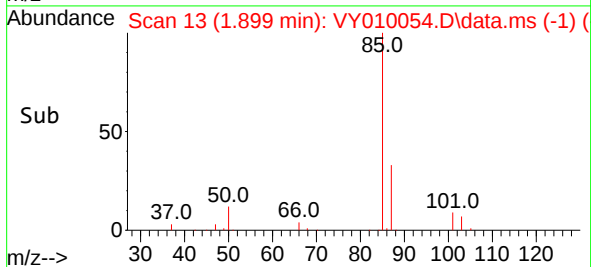
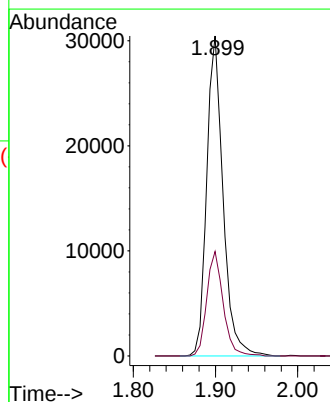
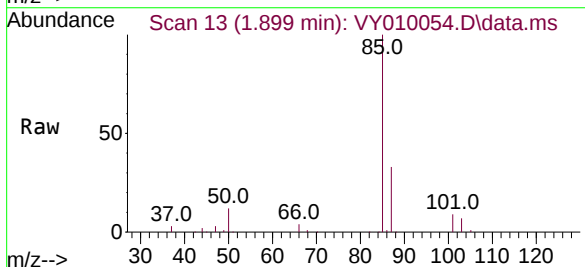
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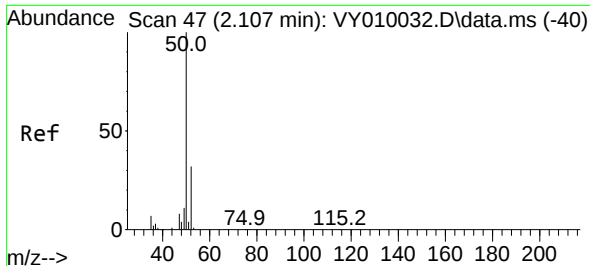
Tgt Ion:168 Resp: 101912
Ion Ratio Lower Upper
168 100
99 52.2 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 50.275 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 85 Resp: 41942
Ion Ratio Lower Upper
85 100
87 32.7 16.9 50.7

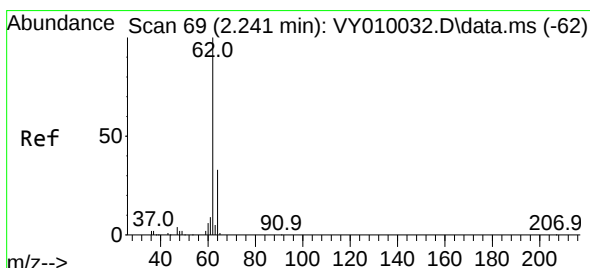
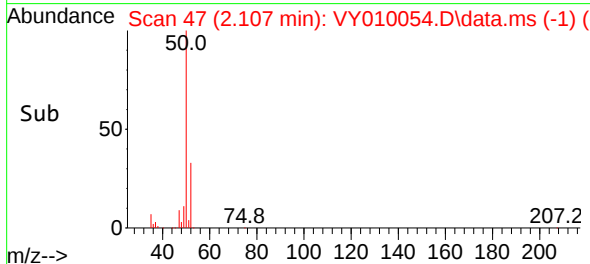
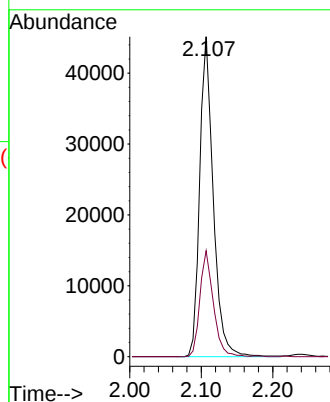
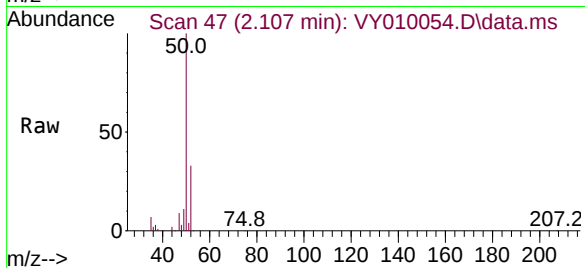




#3
Chloromethane
Concen: 51.979 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

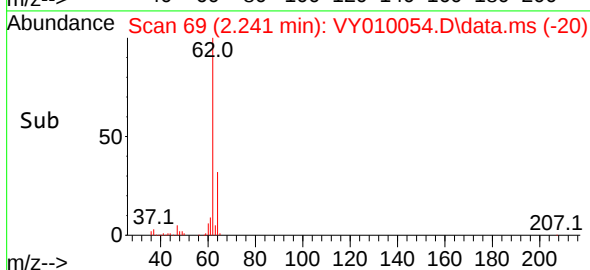
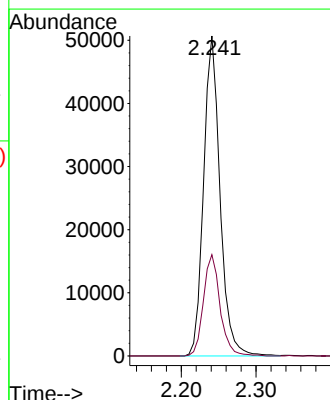
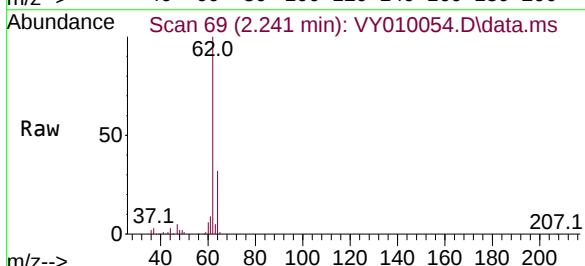
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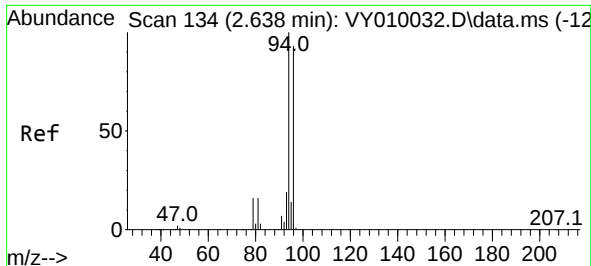
Tgt Ion: 50 Resp: 59422
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3



#4
Vinyl Chloride
Concen: 53.394 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 62 Resp: 77394
Ion Ratio Lower Upper
62 100
64 31.7 26.6 39.8

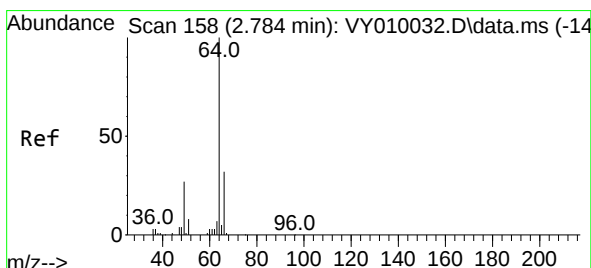
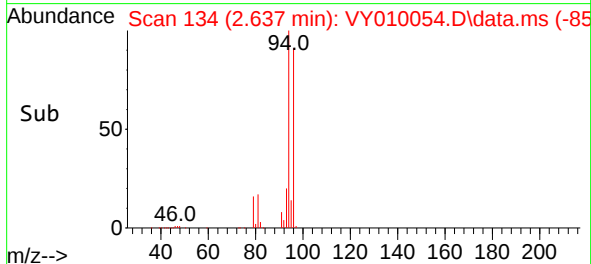
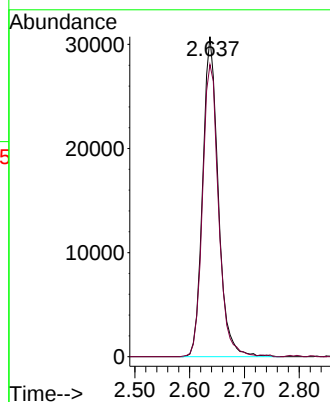
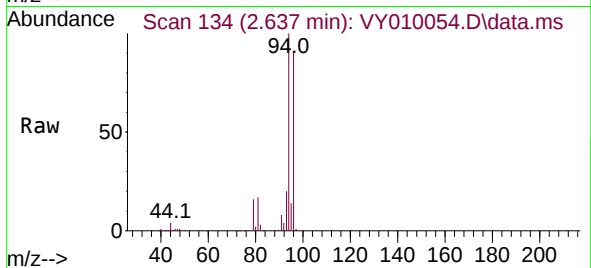




#5
Bromomethane
Concen: 51.276 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

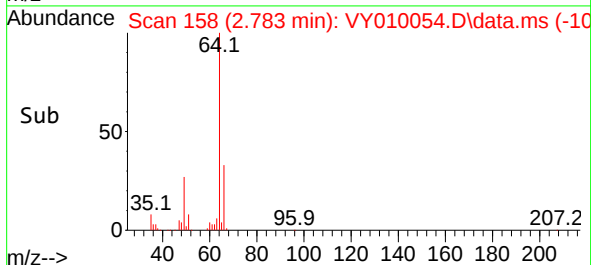
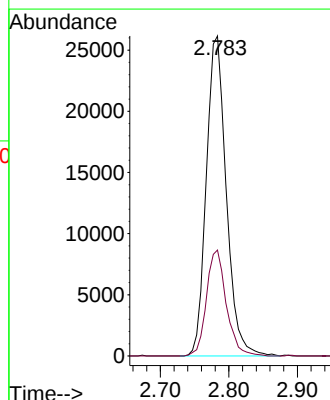
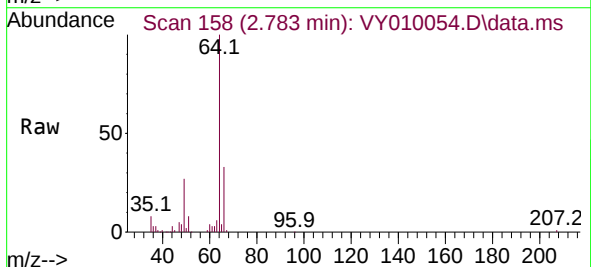
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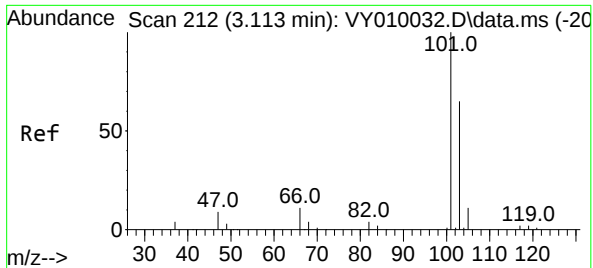
Tgt Ion: 94 Resp: 60665
Ion Ratio Lower Upper
94 100
96 91.3 74.2 111.2



#6
Chloroethane
Concen: 53.203 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 64 Resp: 53109
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0

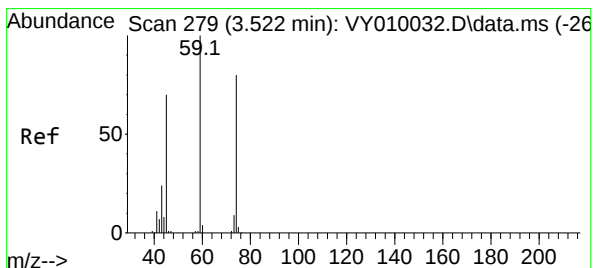
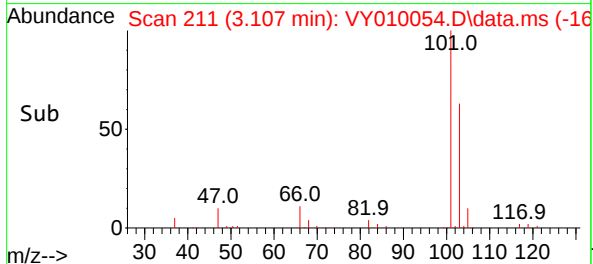
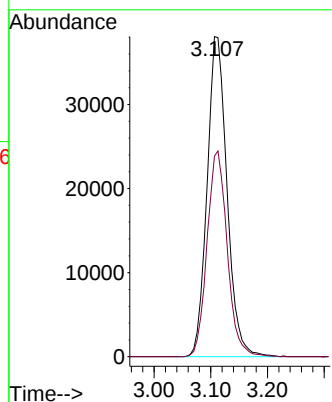
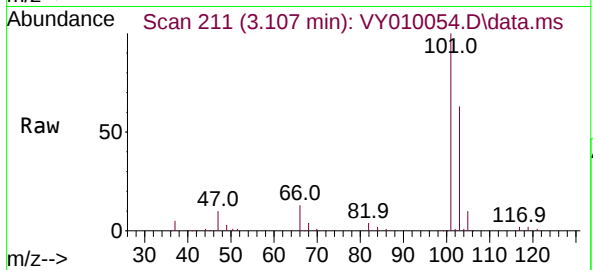




#7
 Trichlorofluoromethane
 Concen: 54.032 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

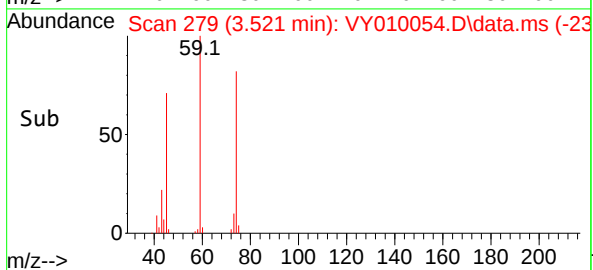
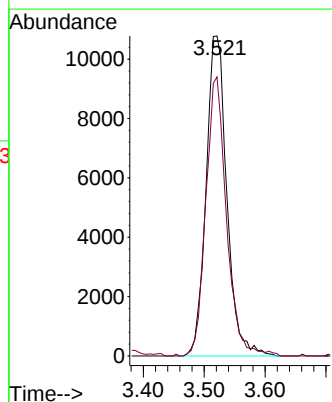
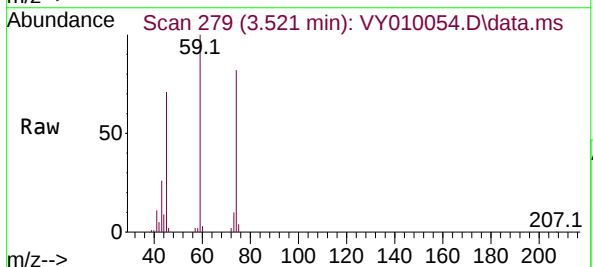
Instrument :
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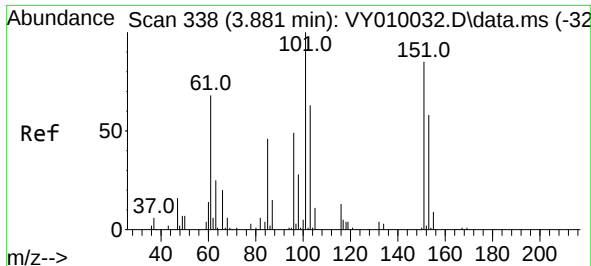
Tgt Ion:101 Resp: 93032
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.1 78.1



#8
 Diethyl Ether
 Concen: 52.903 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.001 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

Tgt Ion: 74 Resp: 25512
 Ion Ratio Lower Upper
 74 100
 45 87.1 46.4 139.1

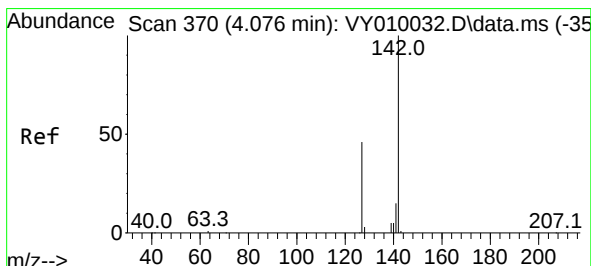
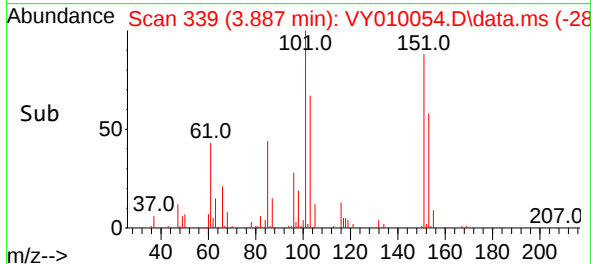
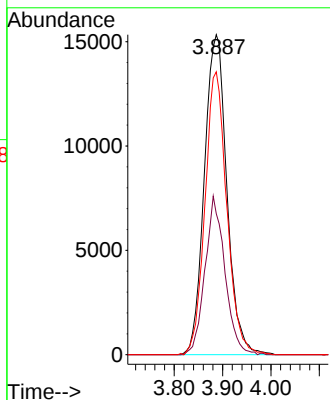
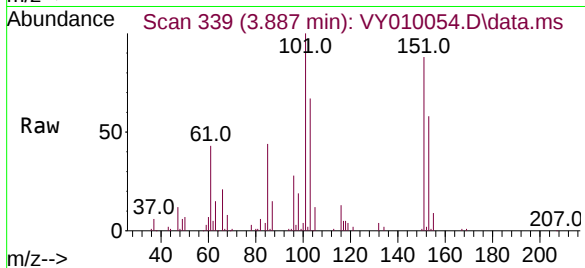




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.328 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY010054.D
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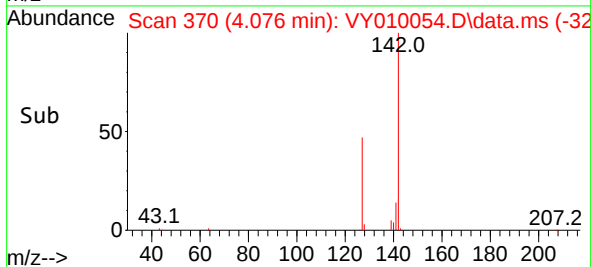
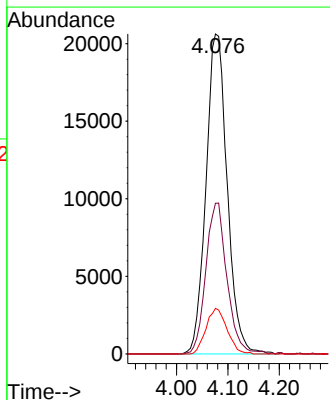
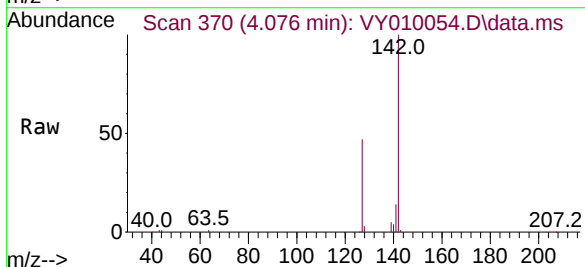
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

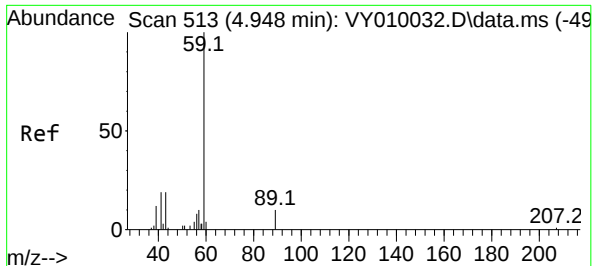
Tgt Ion:101 Resp: 49605
Ion Ratio Lower Upper
101 100
85 43.9 35.6 53.4
151 85.7 68.6 102.8



#10
Methyl Iodide
Concen: 54.754 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:142 Resp: 59178
Ion Ratio Lower Upper
142 100
127 46.8 37.9 56.9
141 14.0 11.6 17.4

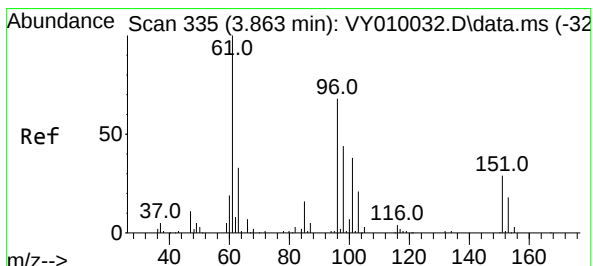
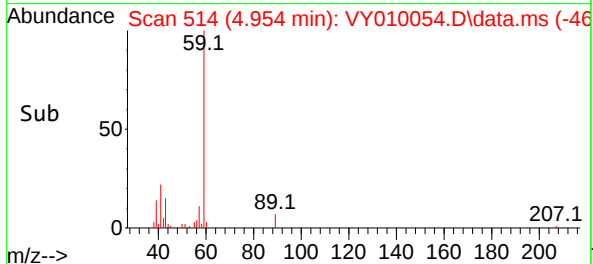
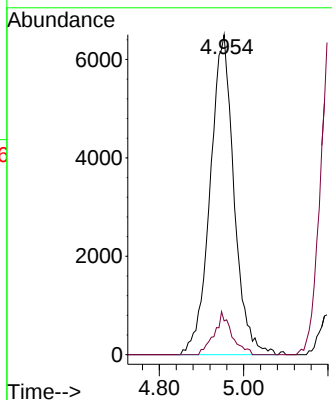
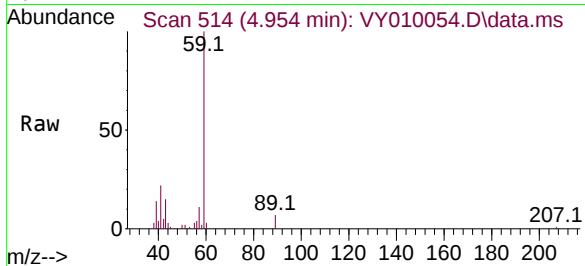




#11
Tert butyl alcohol
Concen: 257.520 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

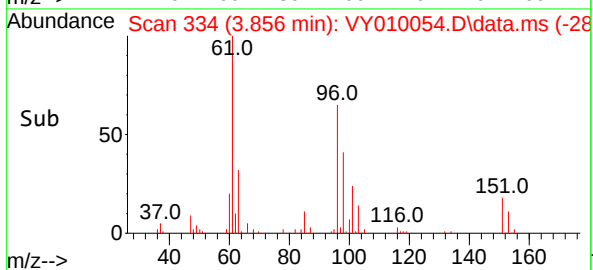
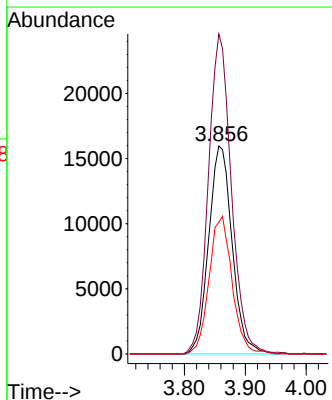
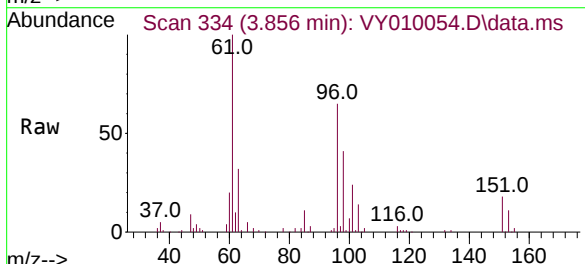
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

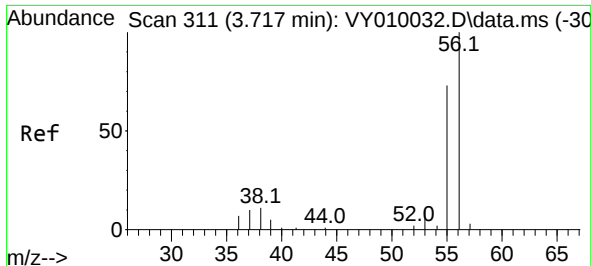
Tgt Ion: 59 Resp: 25519
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 51.171 ug/l
RT: 3.856 min Scan# 334
Delta R.T. -0.007 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 96 Resp: 42761
Ion Ratio Lower Upper
96 100
61 153.9 117.8 176.8
98 63.3 51.9 77.9

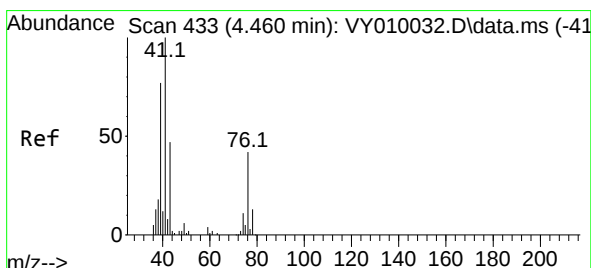
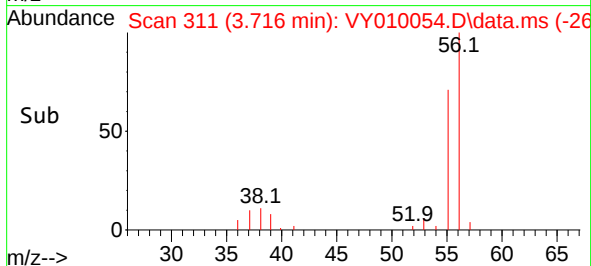
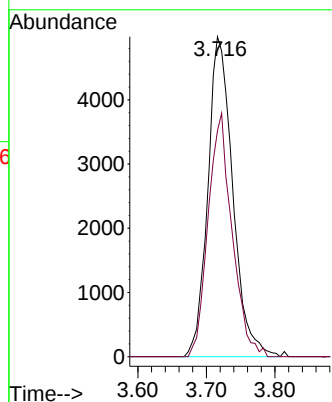
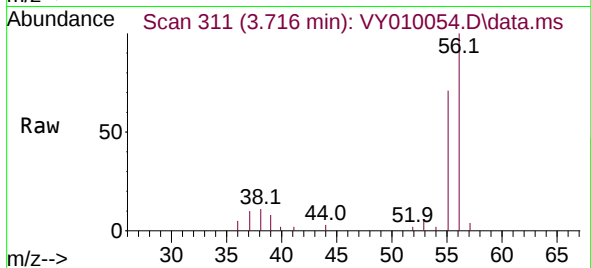




#13
Acrolein
Concen: 185.055 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

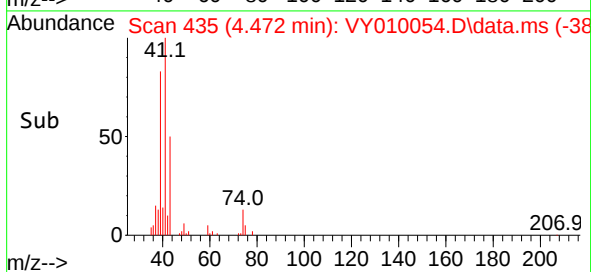
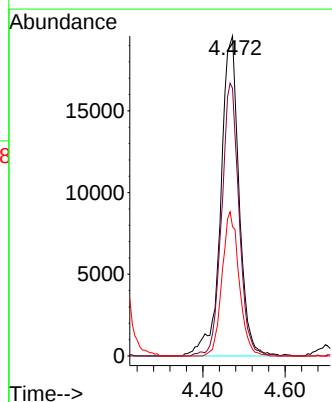
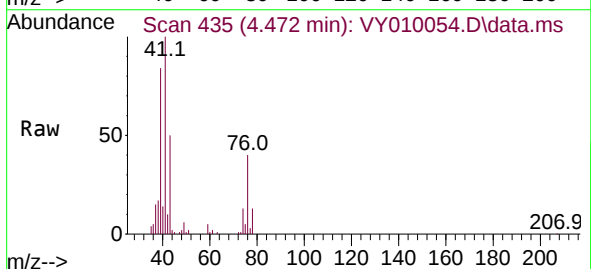
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

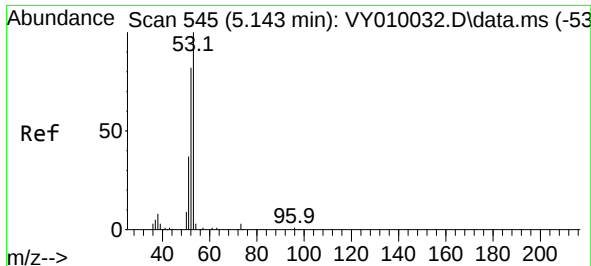
Tgt Ion: 56 Resp: 12587
Ion Ratio Lower Upper
56 100
55 73.1 59.4 89.0



#14
Allyl chloride
Concen: 49.191 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.012 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 41 Resp: 60412
Ion Ratio Lower Upper
41 100
39 81.1 63.2 94.8
76 42.1 32.7 49.1

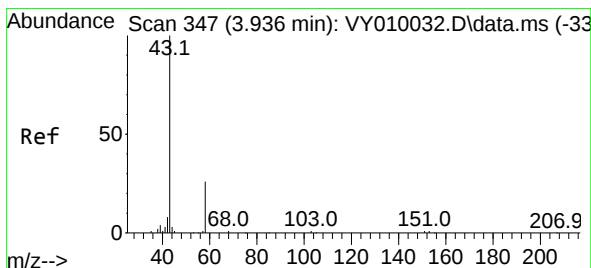
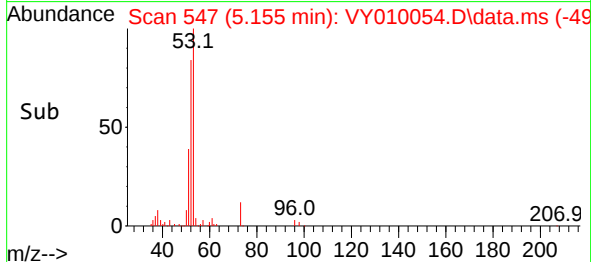
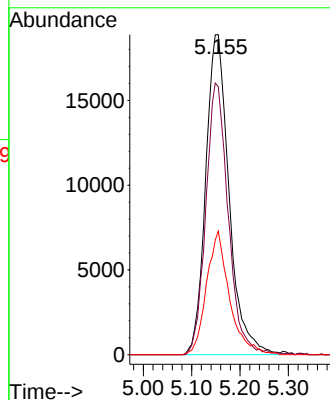
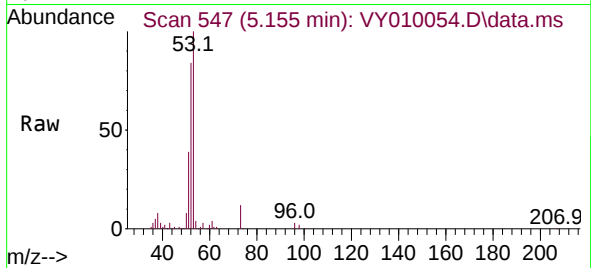




#15
Acrylonitrile
Concen: 278.748 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

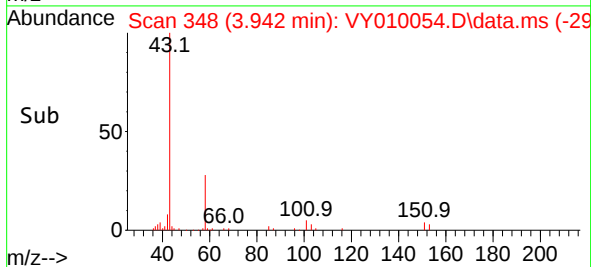
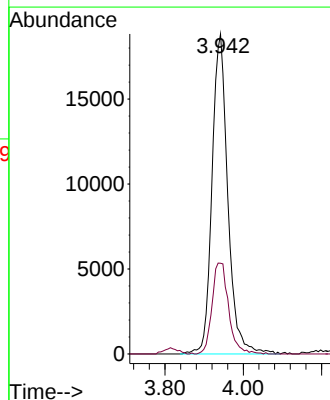
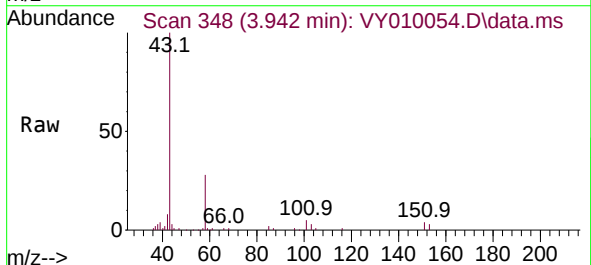
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

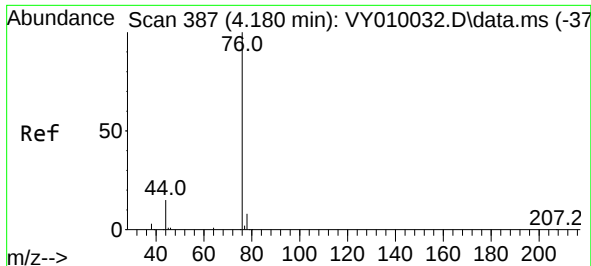
Tgt Ion: 53 Resp: 63383
Ion Ratio Lower Upper
53 100
52 81.5 65.1 97.7
51 38.0 30.2 45.4



#16
Acetone
Concen: 241.158 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 43 Resp: 52634
Ion Ratio Lower Upper
43 100
58 28.3 21.4 32.0

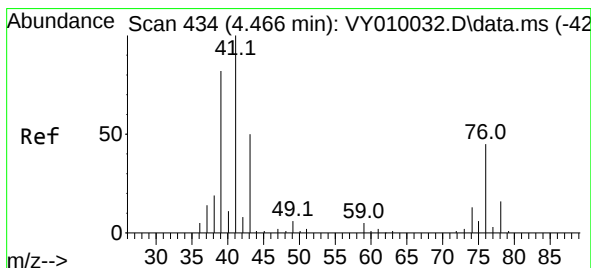
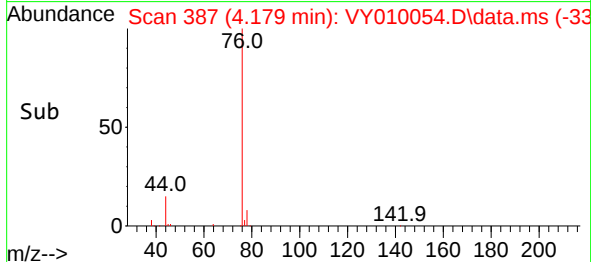
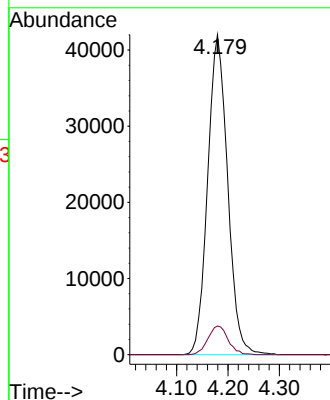
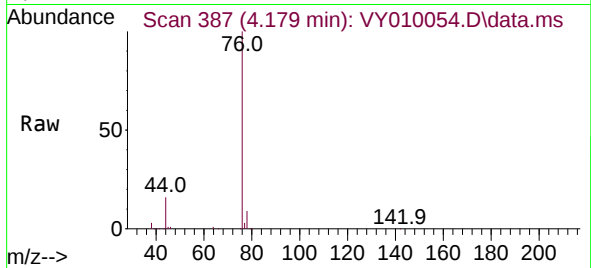




#17
Carbon Disulfide
Concen: 47.323 ug/l
RT: 4.179 min Scan# 387
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

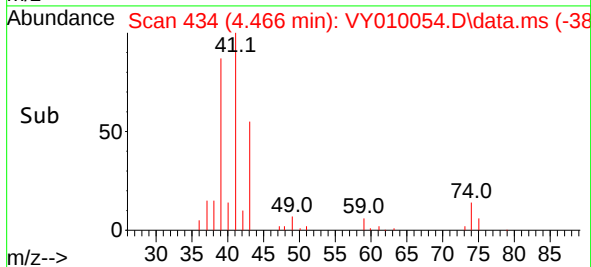
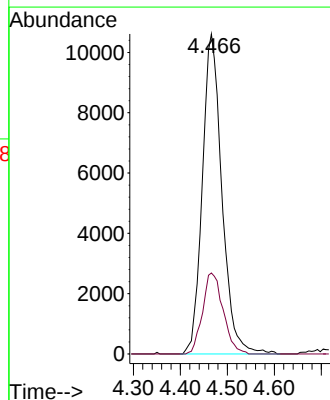
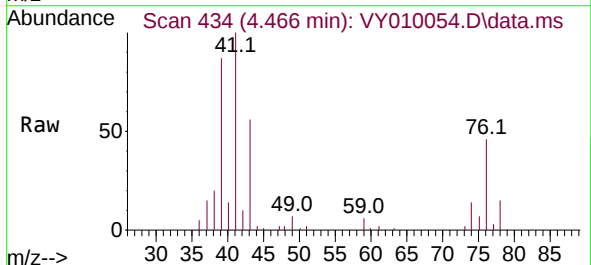
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 113273
Ion Ratio Lower Upper
76 100
78 8.9 6.7 10.1



#18
Methyl Acetate
Concen: 51.664 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 43 Resp: 30707
Ion Ratio Lower Upper
43 100
74 26.5 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 55.650 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

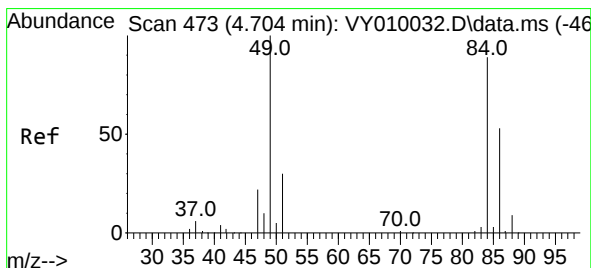
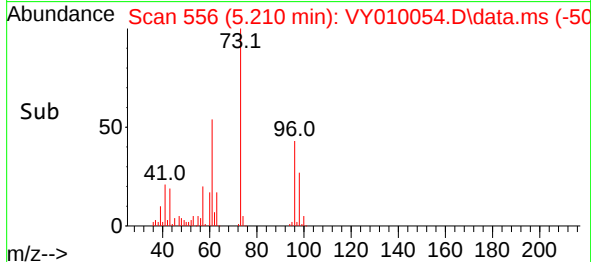
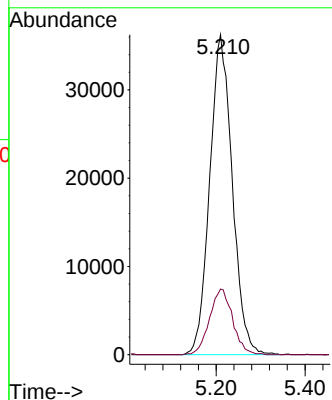
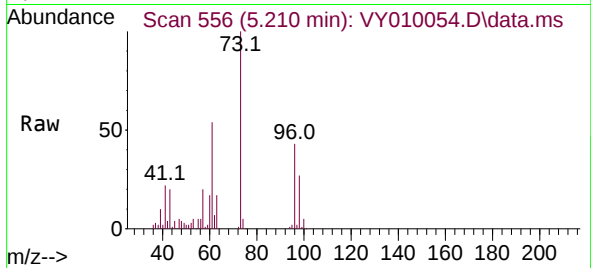
VSTDCCC050EC

Tgt Ion: 73 Resp: 127777

Ion Ratio Lower Upper

73 100

57 20.5 15.4 23.0



#20

Methylene Chloride

Concen: 53.464 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Tgt Ion: 84 Resp: 53743

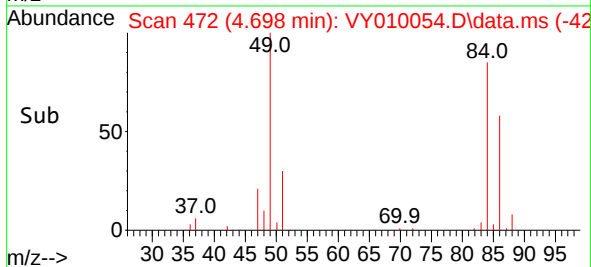
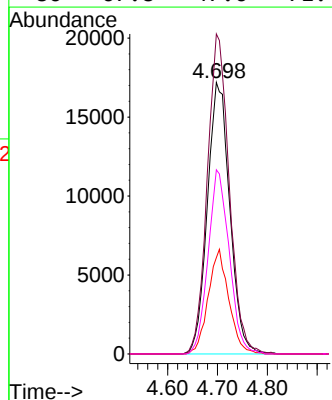
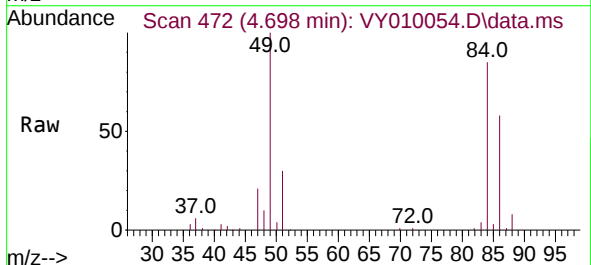
Ion Ratio Lower Upper

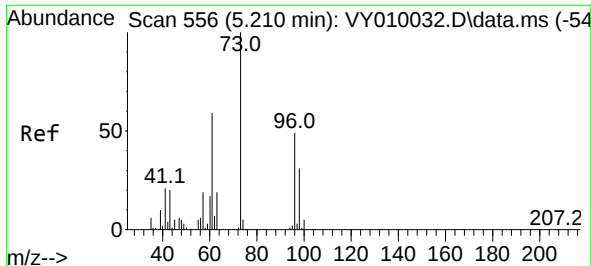
84 100

49 117.9 89.5 134.3

51 35.5 26.8 40.2

86 67.8 47.6 71.4

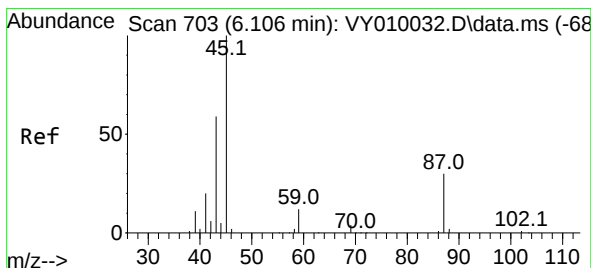
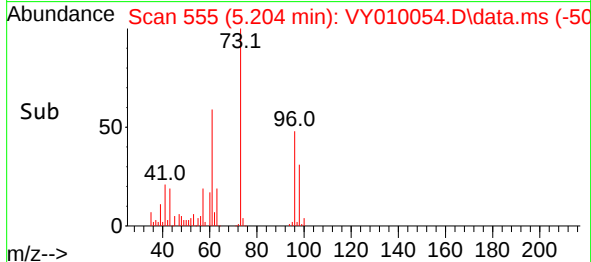
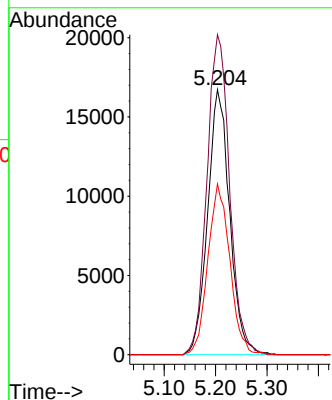
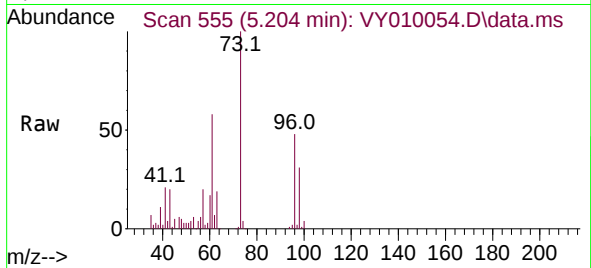




#21
trans-1,2-Dichloroethene
Concen: 51.898 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

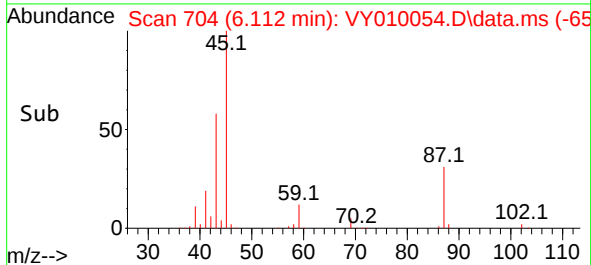
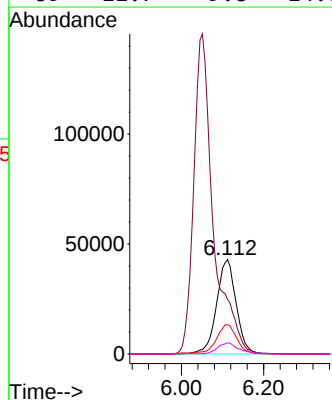
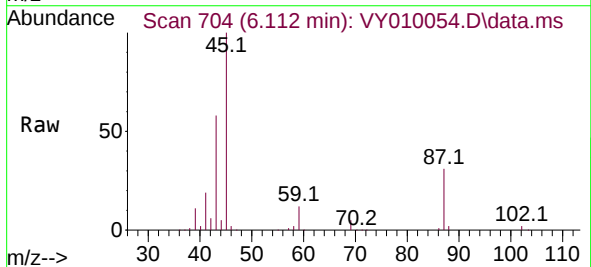
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

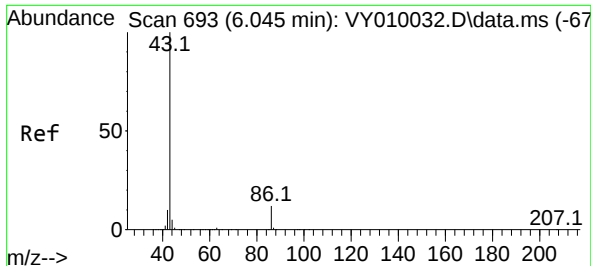
Tgt Ion: 96 Resp: 49876
Ion Ratio Lower Upper
96 100
61 120.8 96.8 145.2
98 64.4 51.0 76.4



#22
Diisopropyl ether
Concen: 58.759 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 45 Resp: 141933
Ion Ratio Lower Upper
45 100
43 57.4 47.5 71.3
87 30.8 24.4 36.6
59 11.7 9.8 14.6

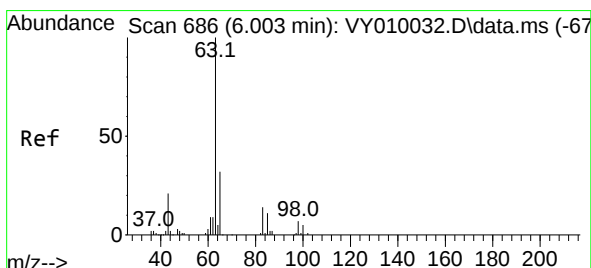
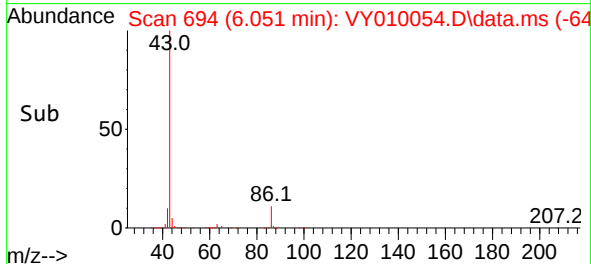
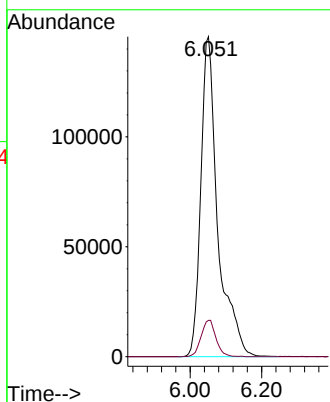
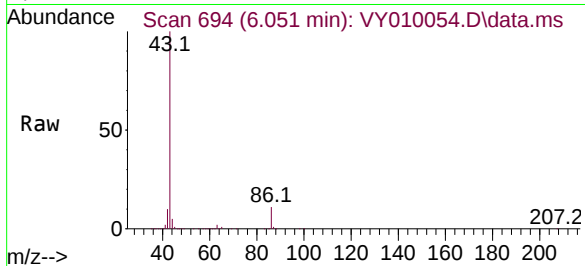




#23
 Vinyl Acetate
 Concen: 314.569 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

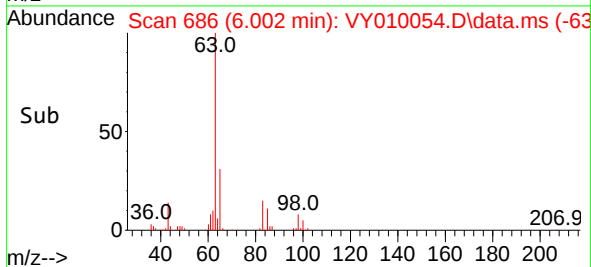
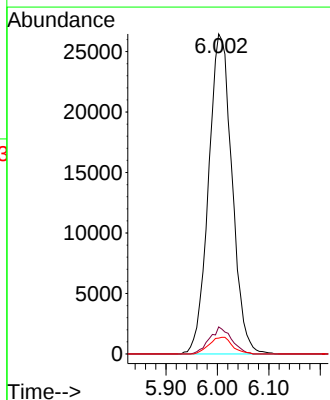
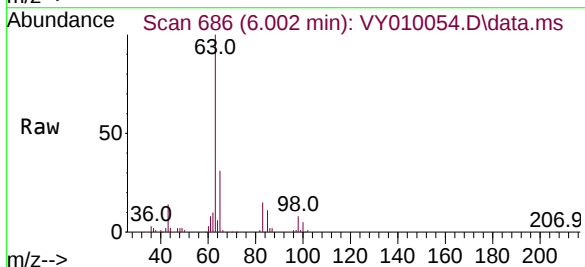
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

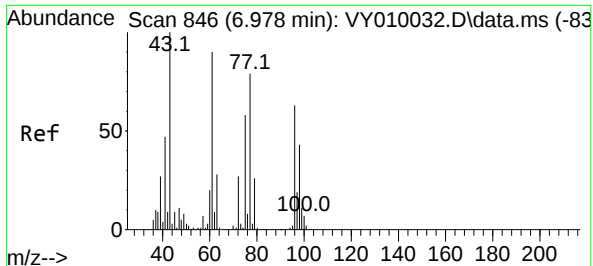
Tgt Ion: 43 Resp: 479471
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 54.604 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.001 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

Tgt Ion: 63 Resp: 83766
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.7 11.1
 100 5.0 2.3 6.8





#25

2-Butanone

Concen: 290.076 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

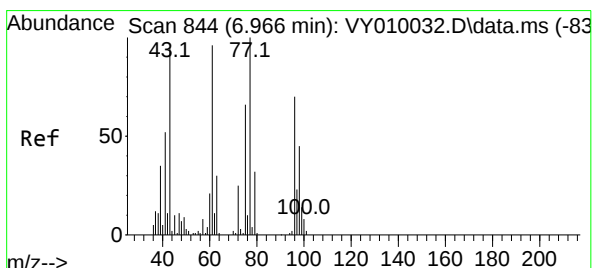
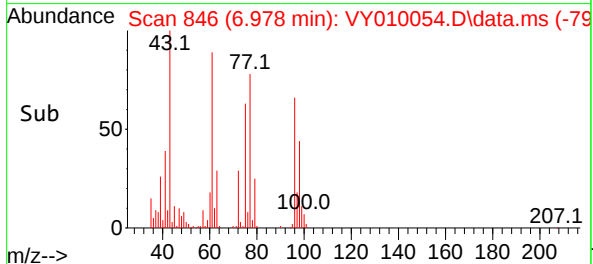
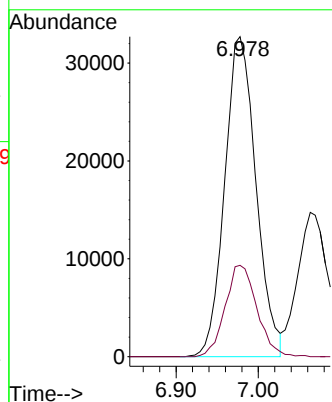
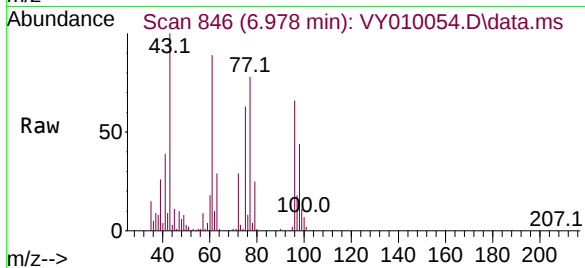
VSTDCCC050EC

Tgt Ion: 43 Resp: 86612

Ion Ratio Lower Upper

43 100

72 28.6 21.7 32.5



#26

2,2-Dichloropropane

Concen: 50.000 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010054.D

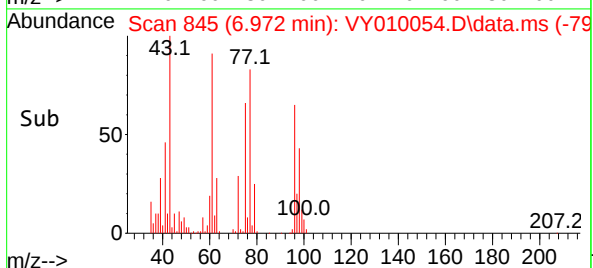
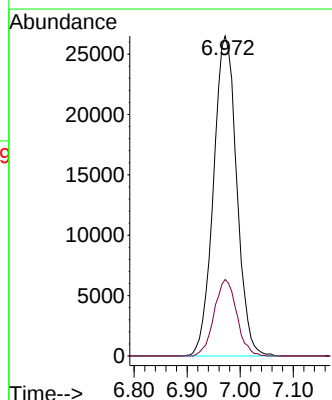
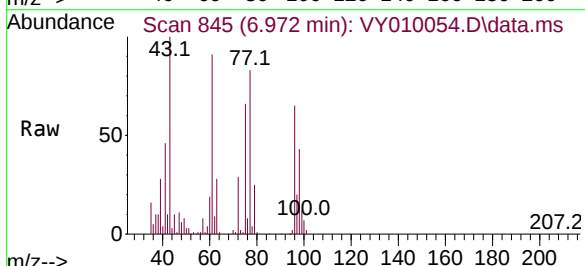
Acq: 16 Aug 2022 19:31

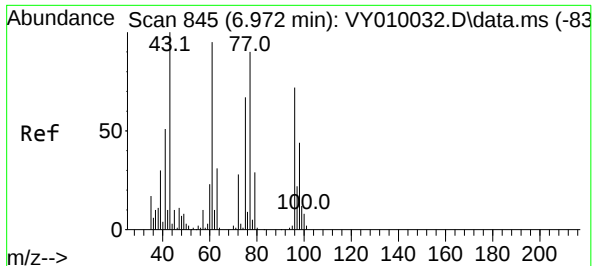
Tgt Ion: 77 Resp: 80611

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 54.998 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

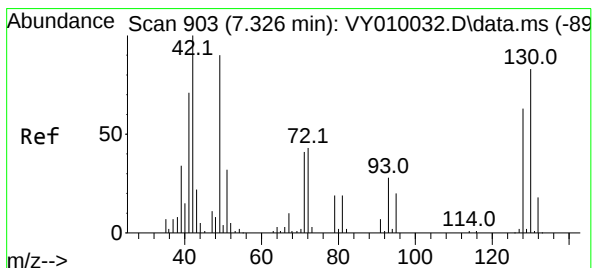
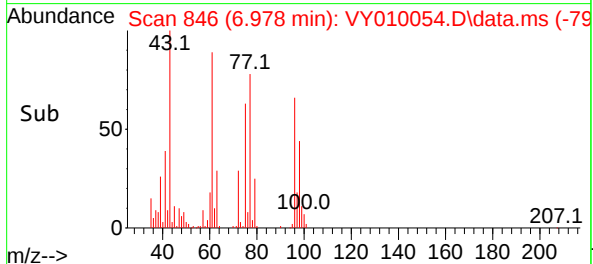
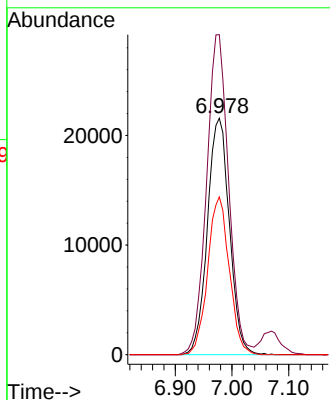
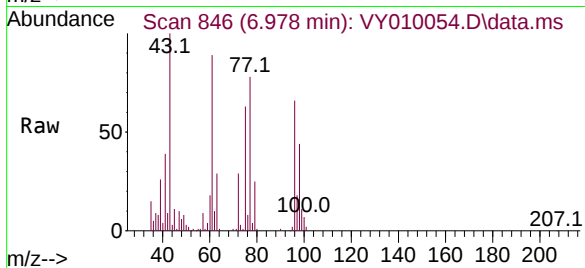
Tgt Ion: 96 Resp: 58123

Ion Ratio Lower Upper

96 100

61 136.1 0.0 276.0

98 65.5 0.0 128.4



#28

Bromochloromethane

Concen: 52.161 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

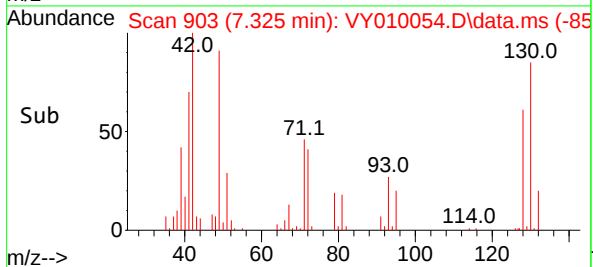
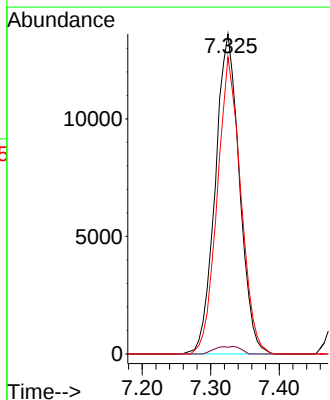
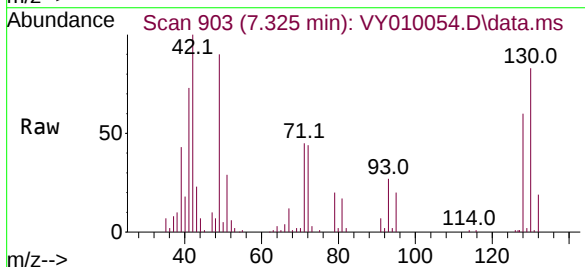
Tgt Ion: 49 Resp: 33297

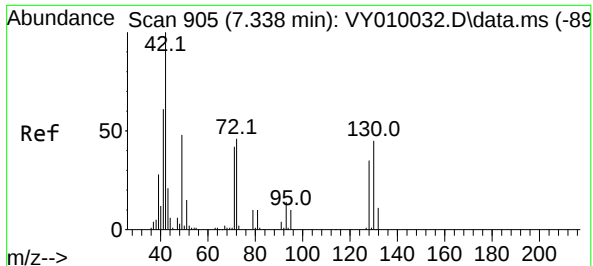
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 90.2 71.0 106.4





#29

Tetrahydrofuran

Concen: 295.132 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

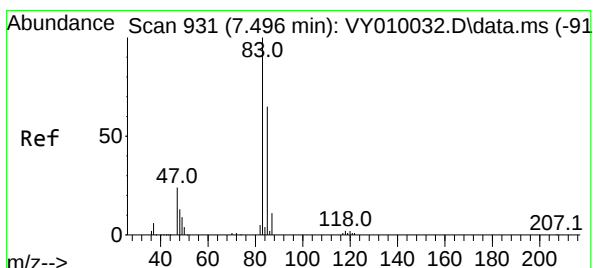
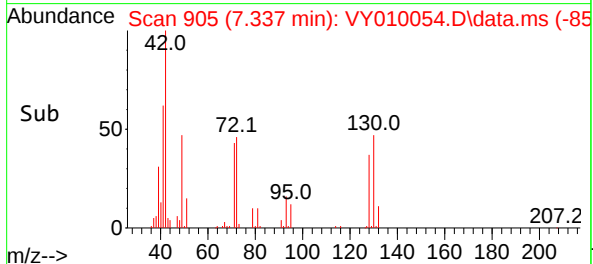
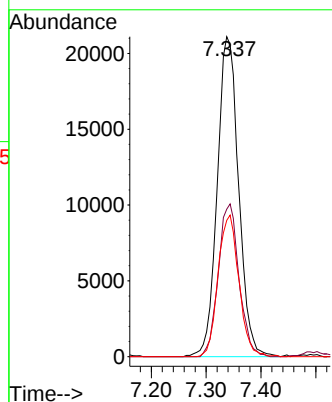
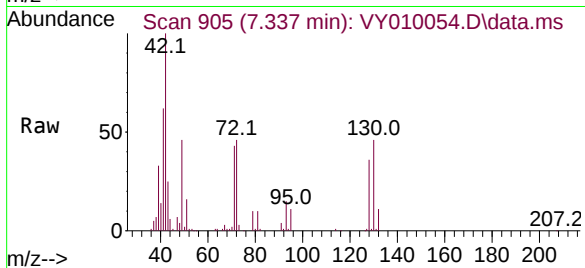
Tgt Ion: 42 Resp: 57238

Ion Ratio Lower Upper

42 100

72 46.3 36.5 54.7

71 43.2 33.4 50.2



#30

Chloroform

Concen: 51.950 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY010054.D

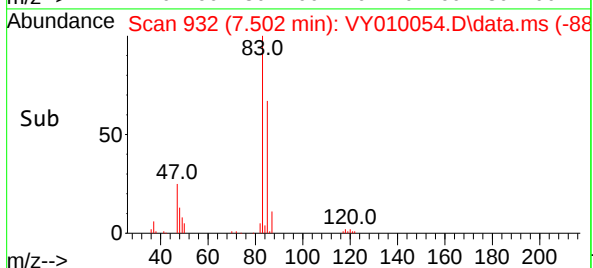
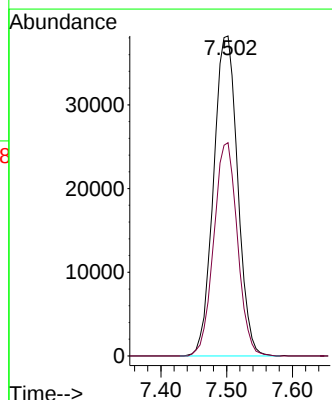
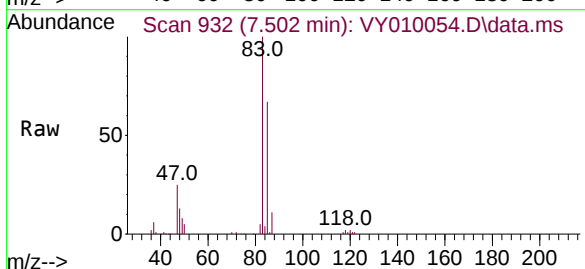
Acq: 16 Aug 2022 19:31

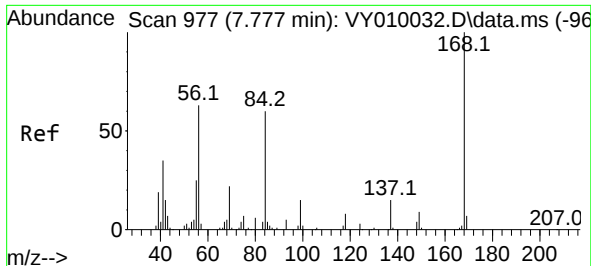
Tgt Ion: 83 Resp: 97462

Ion Ratio Lower Upper

83 100

85 66.6 51.9 77.9

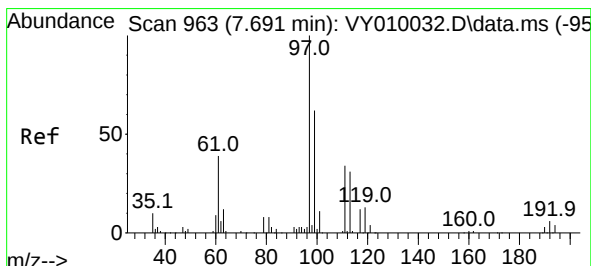
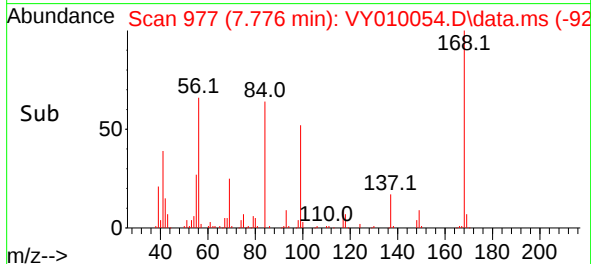
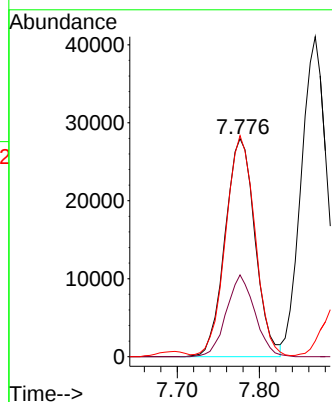
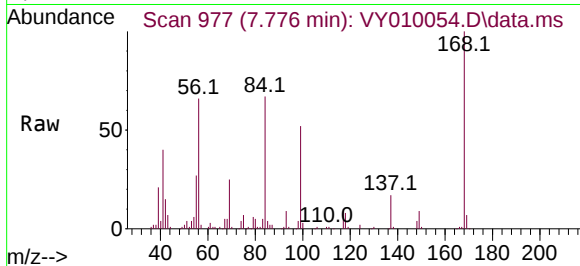




#31
Cyclohexane
Concen: 49.190 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

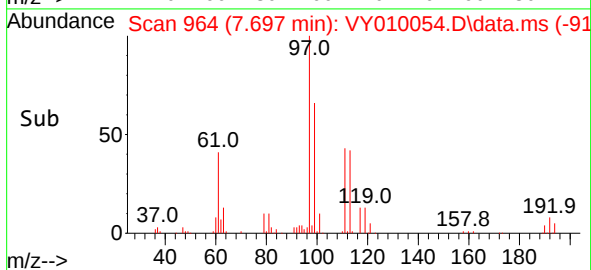
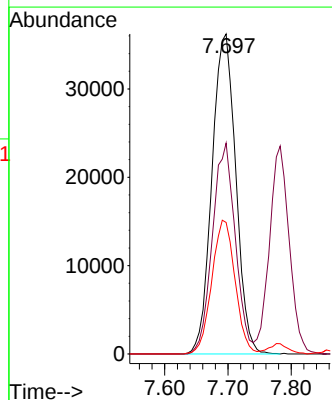
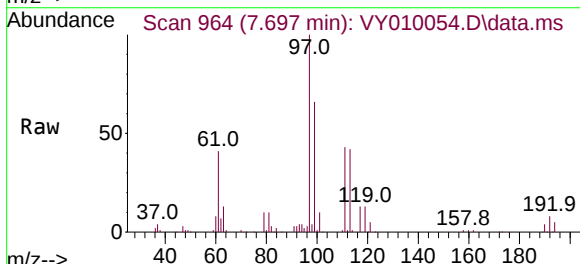
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

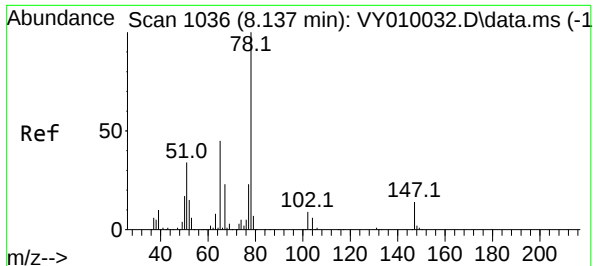
Tgt Ion: 56 Resp: 70822
Ion Ratio Lower Upper
56 100
69 37.5 28.6 43.0
84 99.3 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 55.714 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 97 Resp: 94751
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 40.8 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 49.624 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

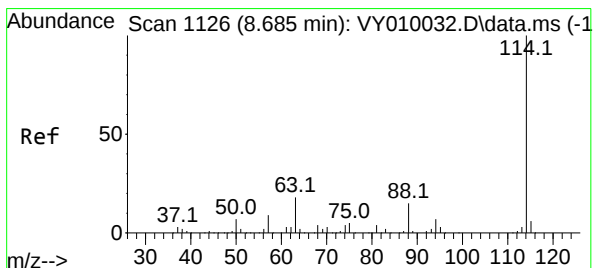
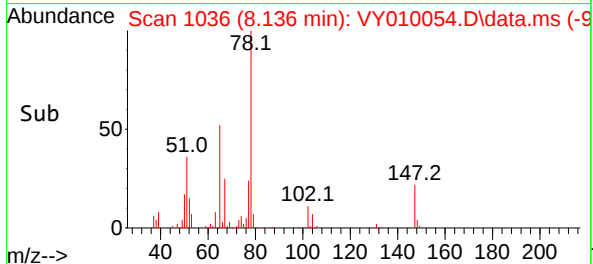
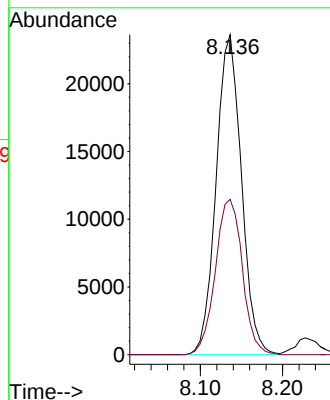
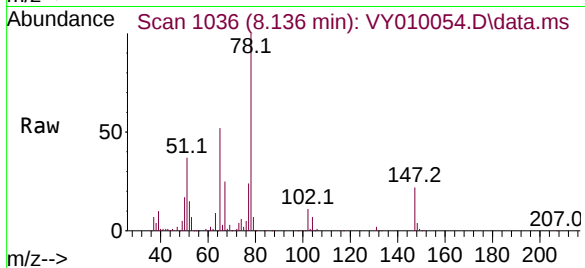
VSTDCCC050EC

Tgt Ion: 65 Resp: 50566

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

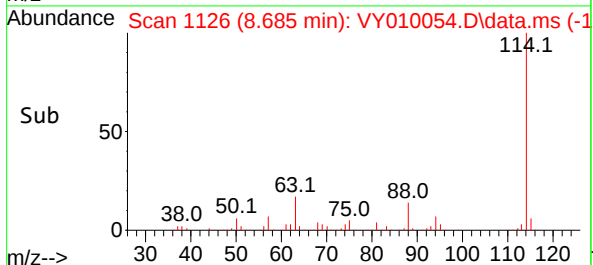
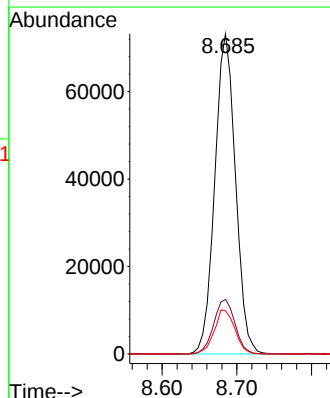
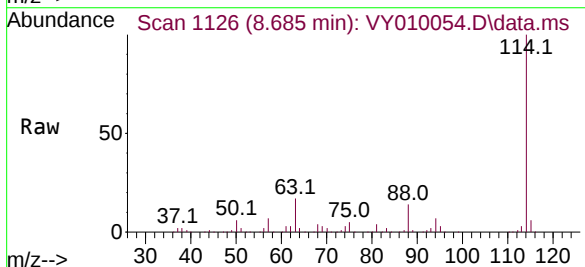
Tgt Ion: 114 Resp: 140668

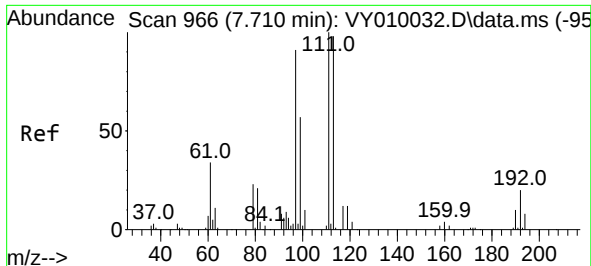
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 13.5 0.0 30.2

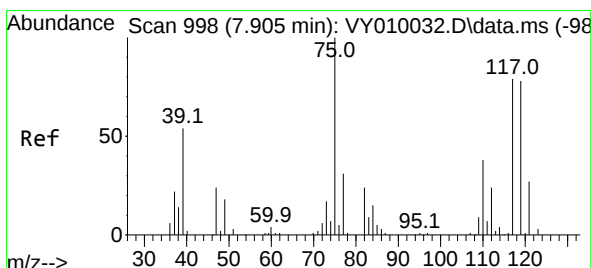
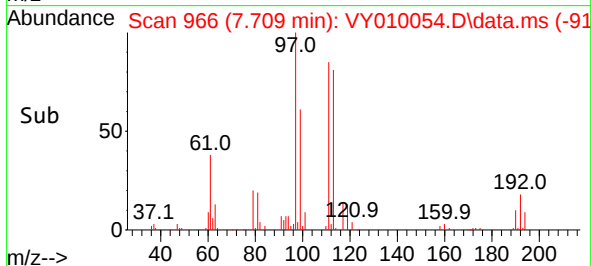
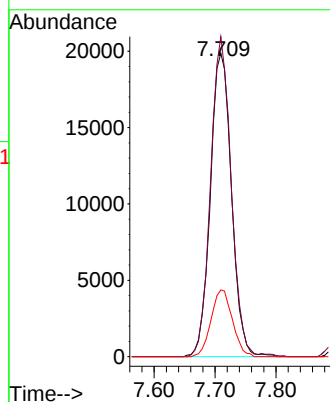
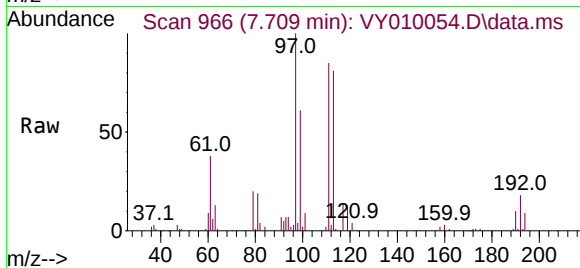




#35
Dibromofluoromethane
Concen: 52.493 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

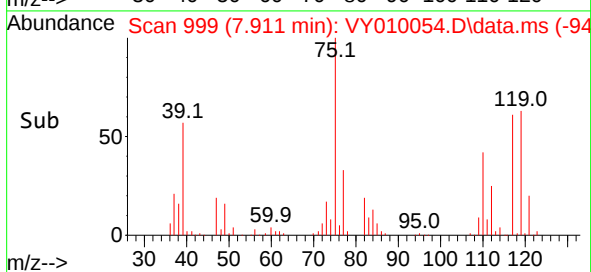
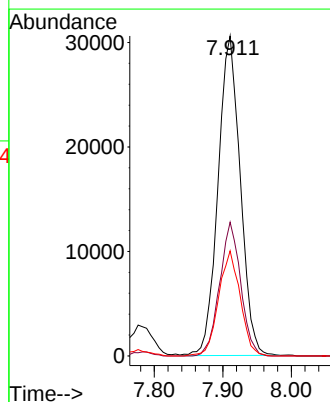
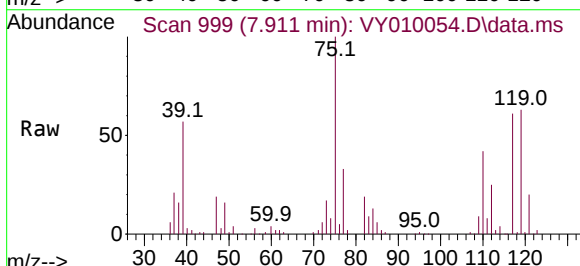
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

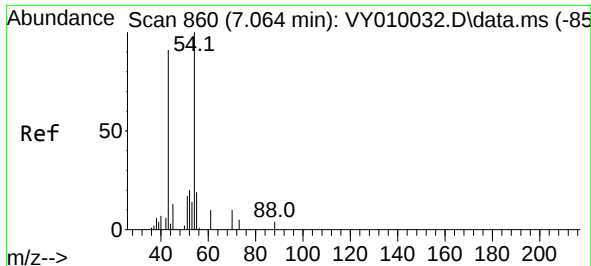
Tgt Ion:113 Resp: 47886
Ion Ratio Lower Upper
113 100
111 102.2 82.7 124.1
192 22.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 54.179 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 75 Resp: 68850
Ion Ratio Lower Upper
75 100
110 39.6 18.4 55.4
77 32.0 24.6 36.8





#37

Ethyl Acetate

Concen: 61.071 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

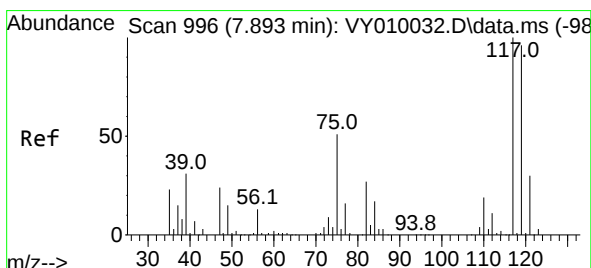
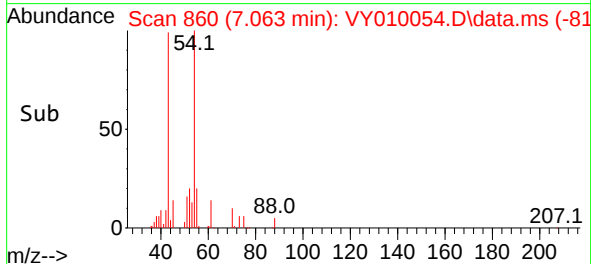
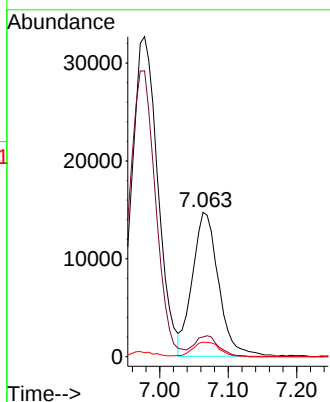
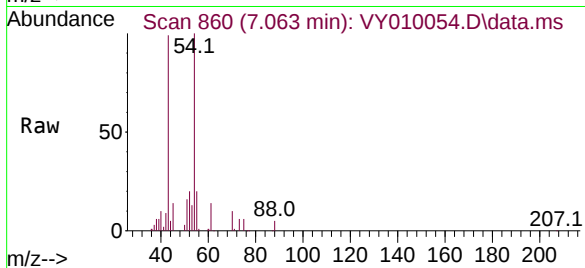
Tgt Ion: 43 Resp: 39082

Ion Ratio Lower Upper

43 100

61 13.3 9.6 14.4

70 10.4 7.9 11.9



#38

Carbon Tetrachloride

Concen: 57.110 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

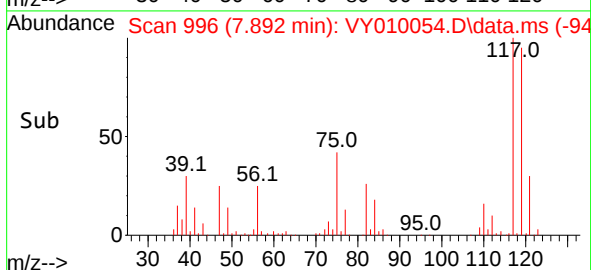
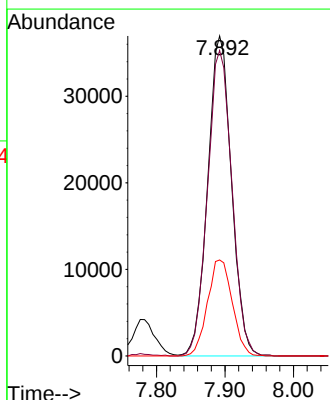
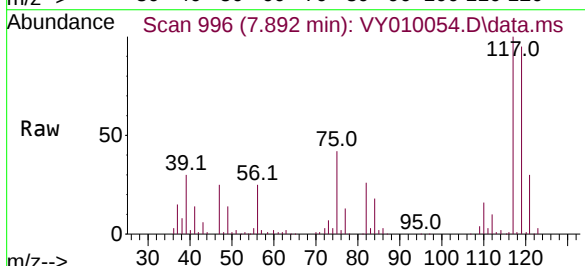
Tgt Ion: 117 Resp: 89256

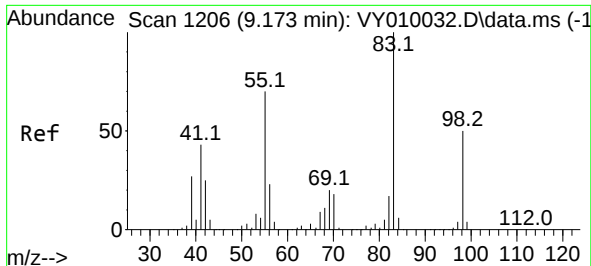
Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.6

121 30.0 24.2 36.4

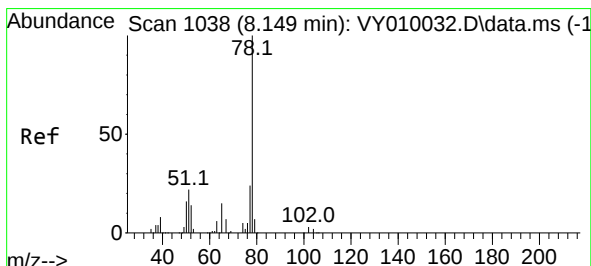
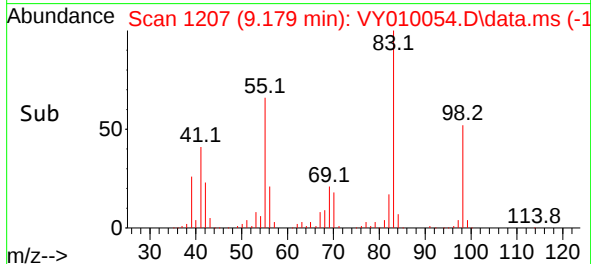
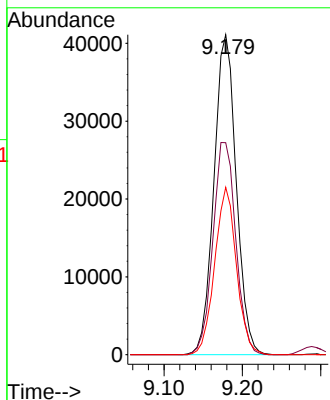
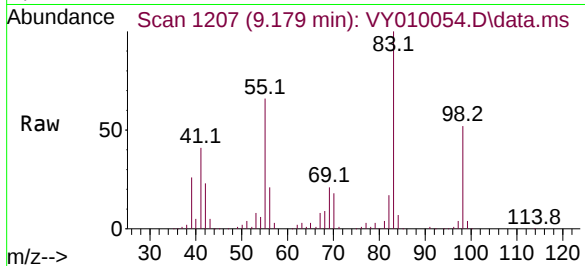




#39
Methylcyclohexane
Concen: 56.776 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

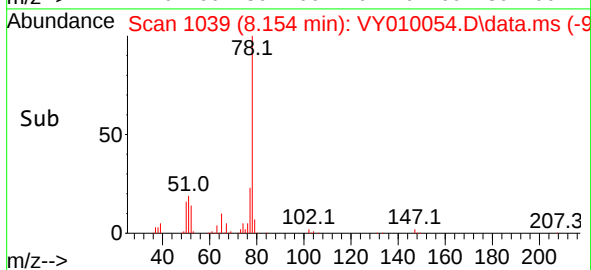
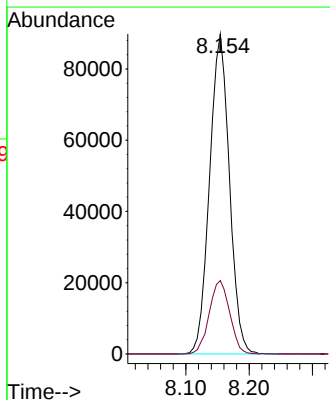
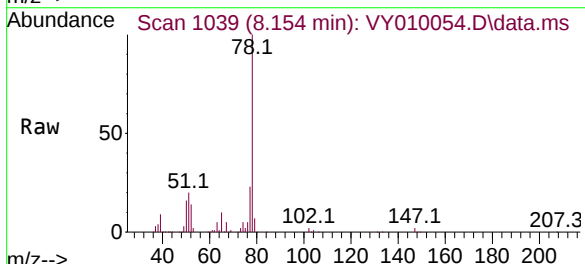
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

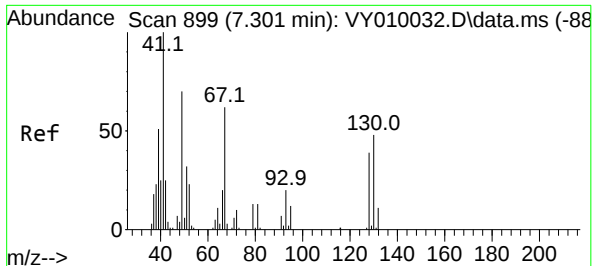
Tgt Ion: 83 Resp: 81290
Ion Ratio Lower Upper
83 100
55 66.3 56.3 84.5
98 52.3 39.8 59.8



#40
Benzene
Concen: 52.519 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.005 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 78 Resp: 195249
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6

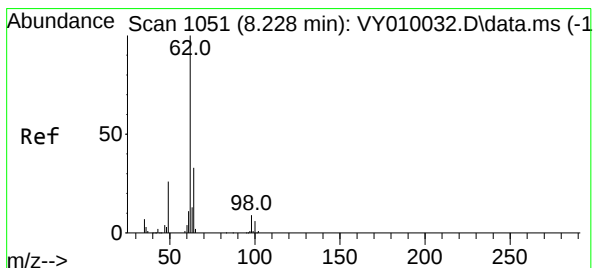
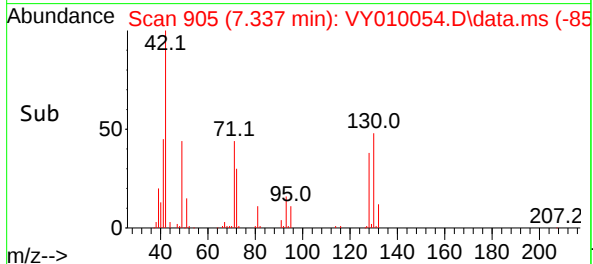
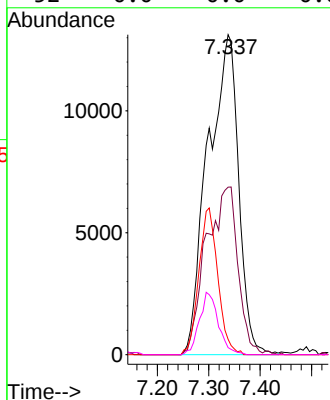
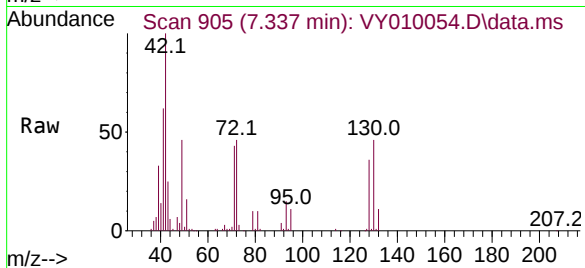




#41
Methacrylonitrile
Concen: 164.242 ug/l
RT: 7.337 min Scan# 905
Delta R.T. 0.036 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

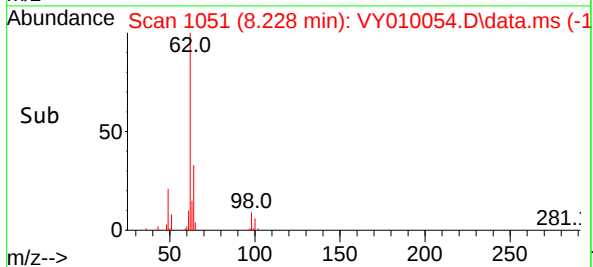
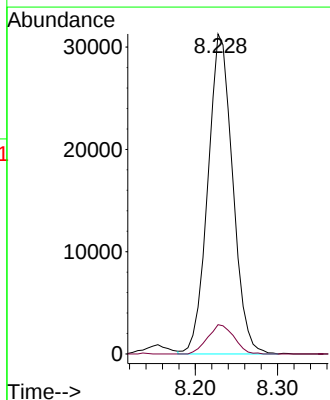
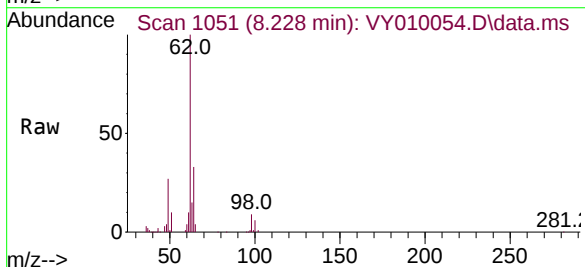
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

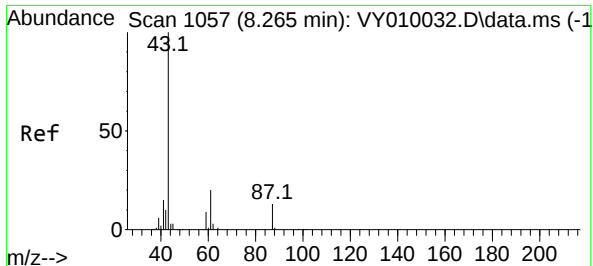
Tgt Ion: 41 Resp: 54291
Ion Ratio Lower Upper
41 100
39 54.1 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.639 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 62 Resp: 65610
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0

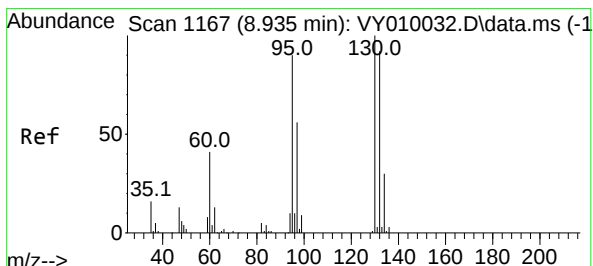
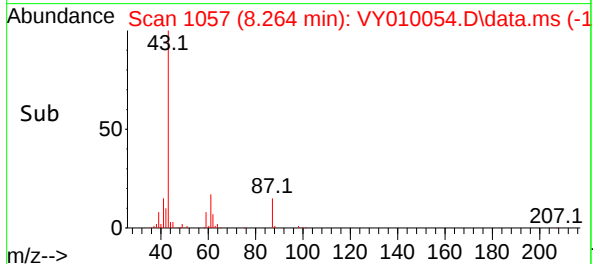
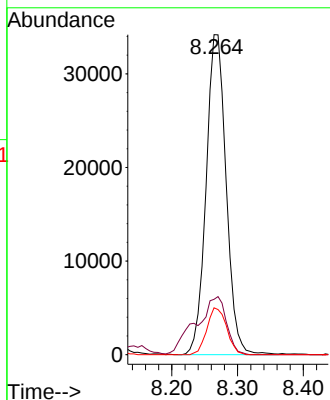
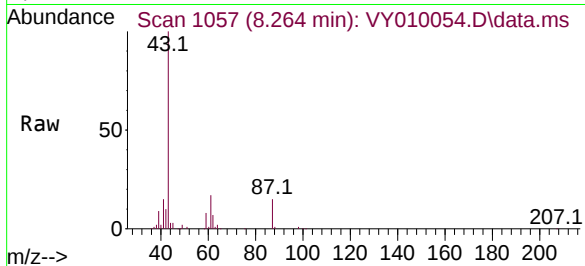




#43
Isopropyl Acetate
Concen: 59.656 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

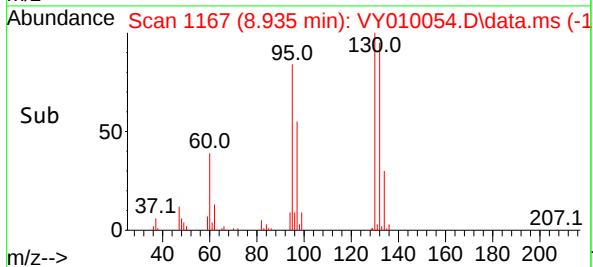
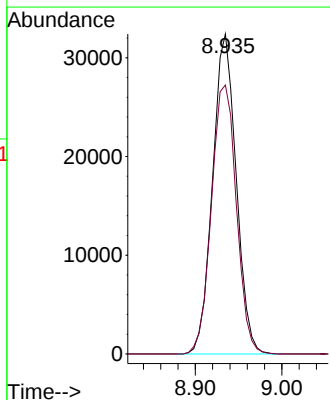
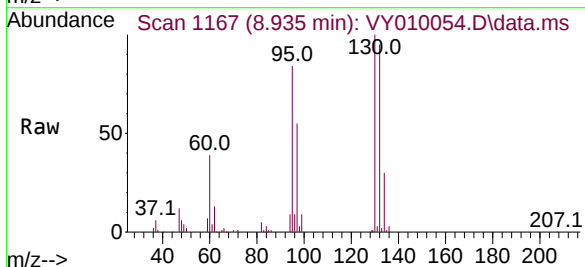
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

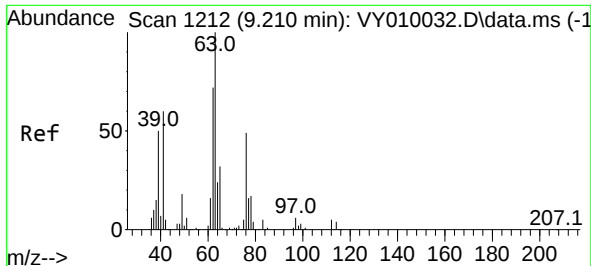
Tgt Ion: 43 Resp: 72465
Ion Ratio Lower Upper
43 100
61 27.6 23.0 34.6
87 14.4 11.1 16.7



#44
Trichloroethene
Concen: 54.552 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:130 Resp: 61299
Ion Ratio Lower Upper
130 100
95 84.0 0.0 180.0





#45

1,2-Dichloropropane

Concen: 53.119 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

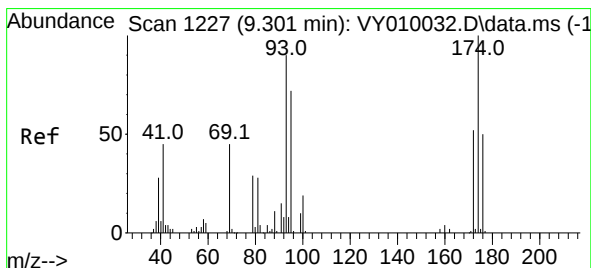
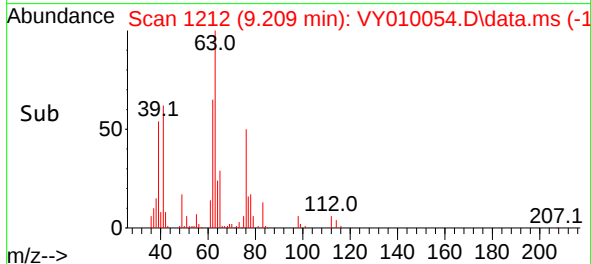
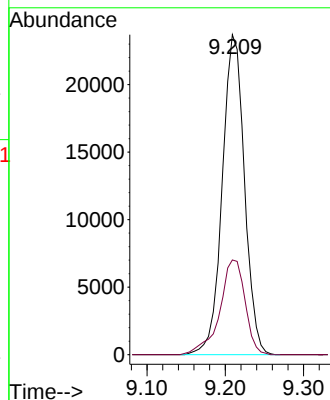
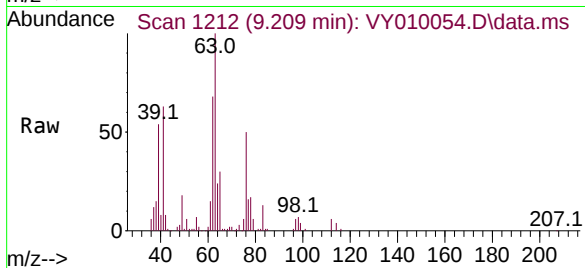
VSTDCCC050EC

Tgt Ion: 63 Resp: 46694

Ion Ratio Lower Upper

63 100

65 29.6 25.4 38.0



#46

Dibromomethane

Concen: 58.036 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

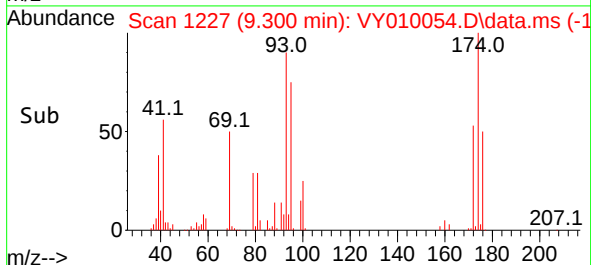
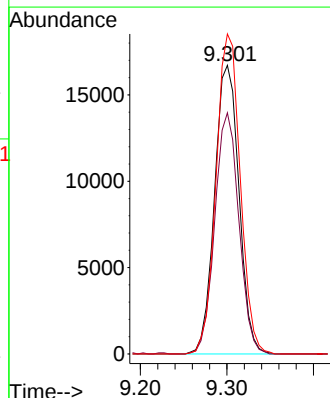
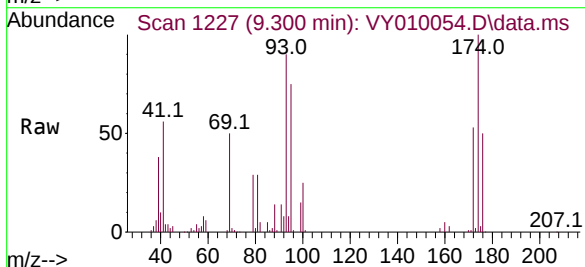
Tgt Ion: 93 Resp: 32674

Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

174 109.9 89.5 134.3





#47

Bromodichloromethane

Concen: 55.862 ug/l

RT: 9.489 min Scan# 1258

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

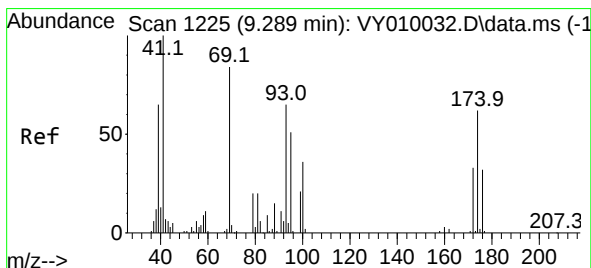
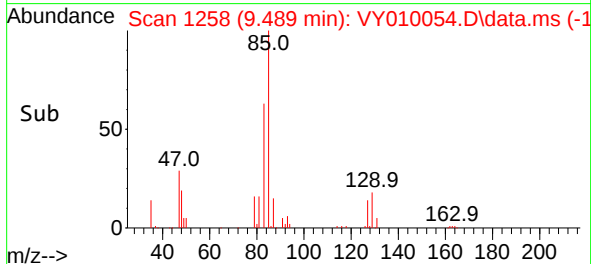
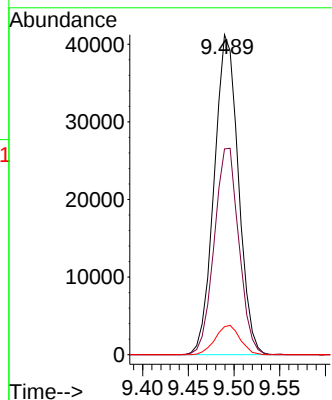
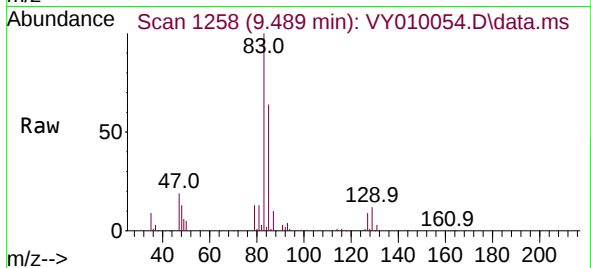
Tgt Ion: 83 Resp: 75861

Ion Ratio Lower Upper

83 100

85 64.3 50.4 75.6

127 8.8 6.8 10.2



#48

Methyl methacrylate

Concen: 59.002 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

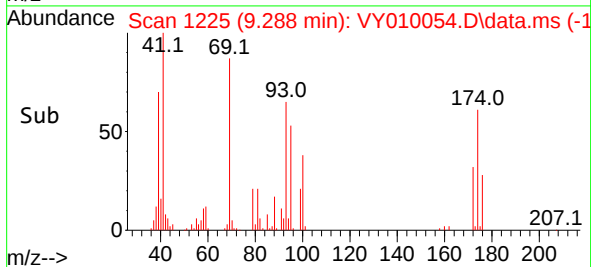
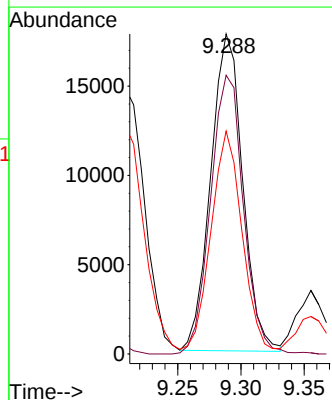
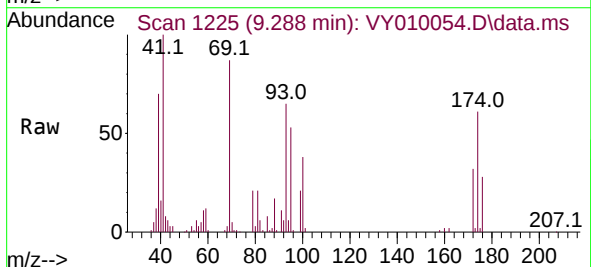
Tgt Ion: 41 Resp: 31185

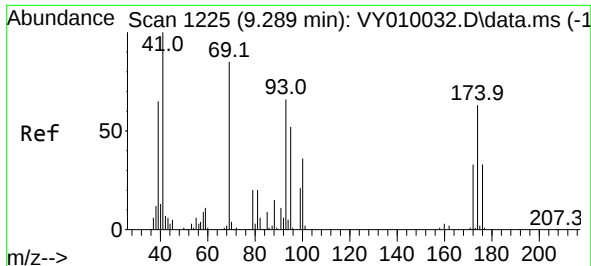
Ion Ratio Lower Upper

41 100

69 90.7 69.1 103.7

39 66.3 51.5 77.3





#49

1,4-Dioxane

Concen: 1328.010 ug/l

RT: 9.294 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

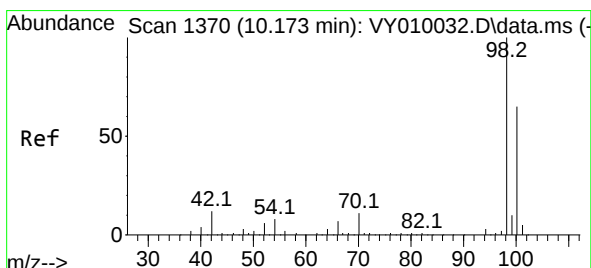
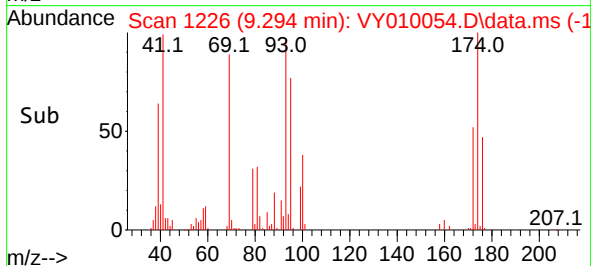
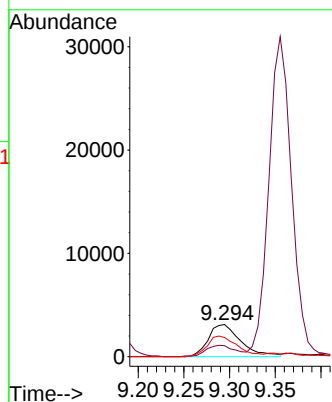
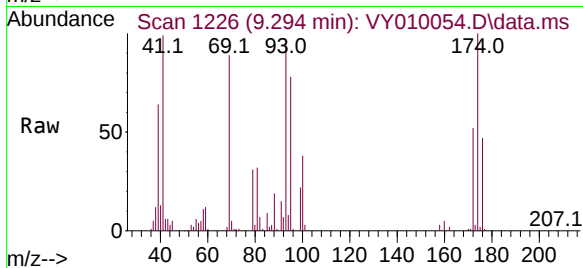
Tgt Ion: 88 Resp: 7687

Ion Ratio Lower Upper

88 100

43 33.1 28.2 42.4

58 60.1 47.2 70.8



#50

Toluene-d8

Concen: 51.359 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.005 min

Lab File: VY010054.D

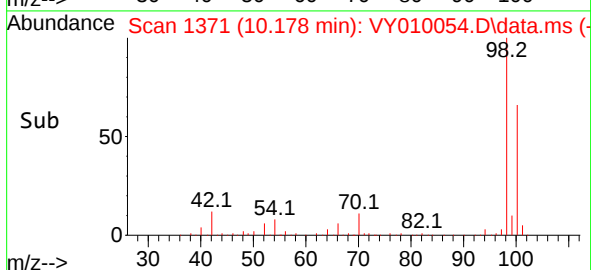
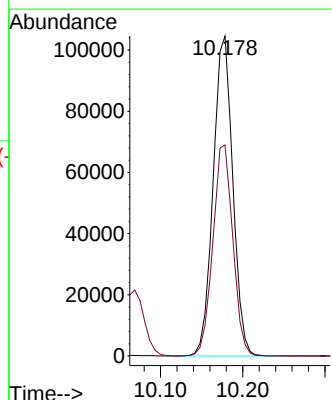
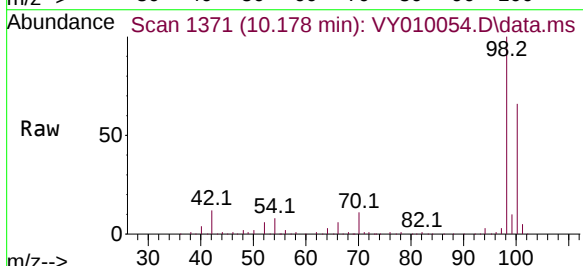
Acq: 16 Aug 2022 19:31

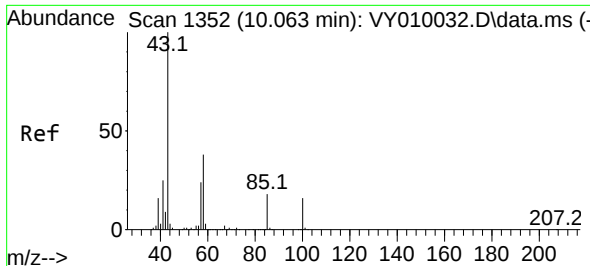
Tgt Ion: 98 Resp: 173338

Ion Ratio Lower Upper

98 100

100 67.1 52.1 78.1

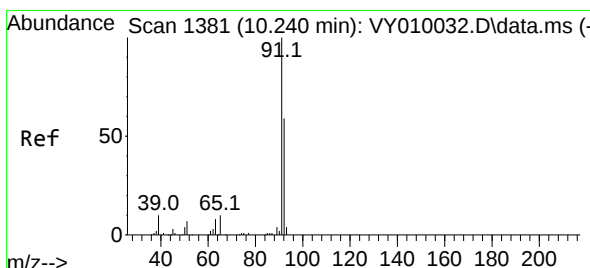
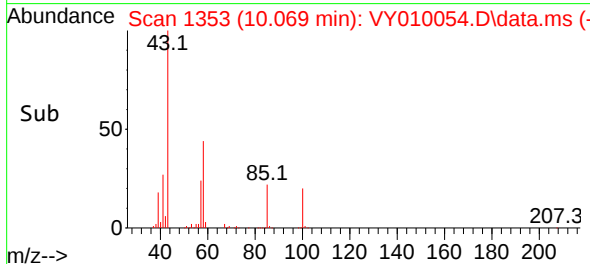
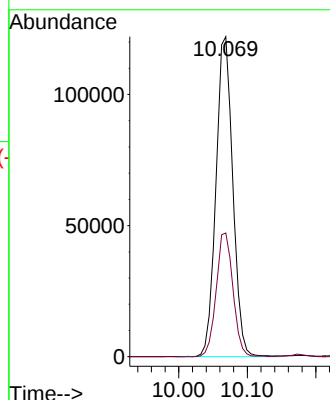
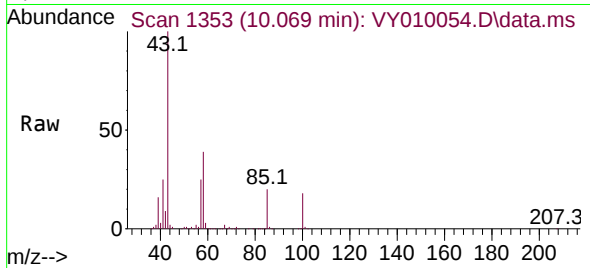




#51
4-Methyl-2-Pentanone
Concen: 310.766 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

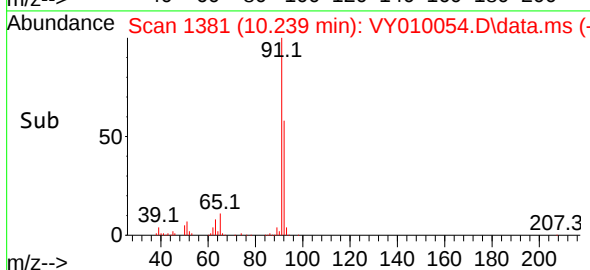
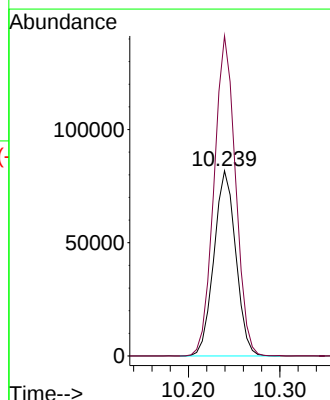
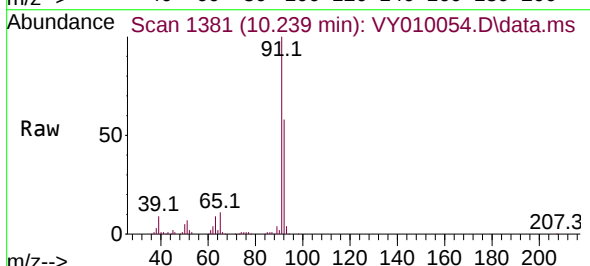
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

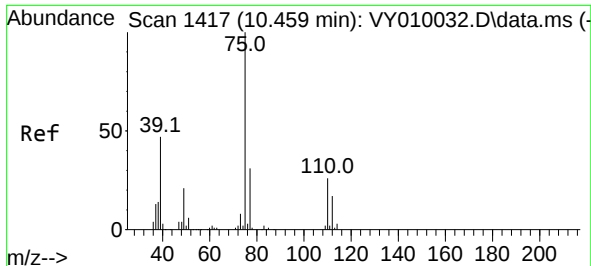
Tgt Ion: 43 Resp: 208265
Ion Ratio Lower Upper
43 100
58 38.6 29.8 44.8



#52
Toluene
Concen: 56.635 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 92 Resp: 135706
Ion Ratio Lower Upper
92 100
91 170.5 137.6 206.4

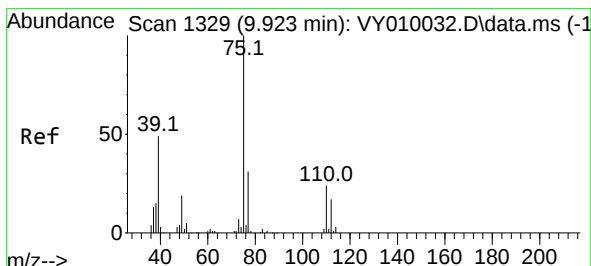
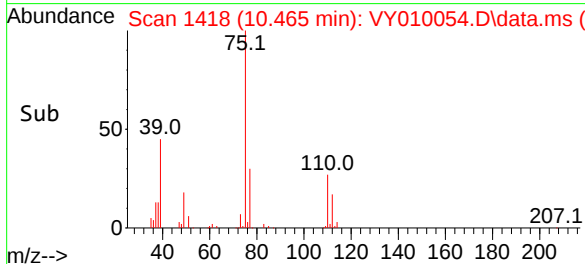
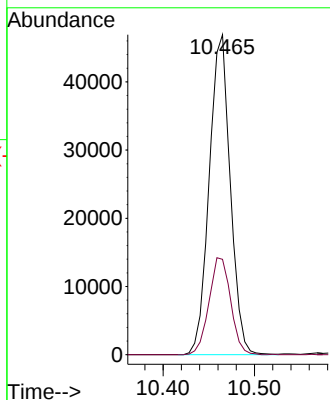
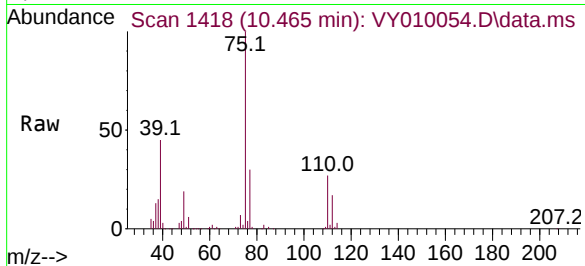




#53
 t-1,3-Dichloropropene
 Concen: 57.258 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

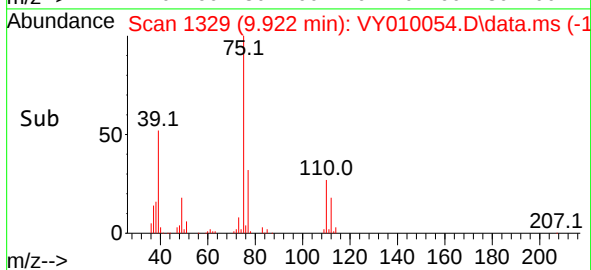
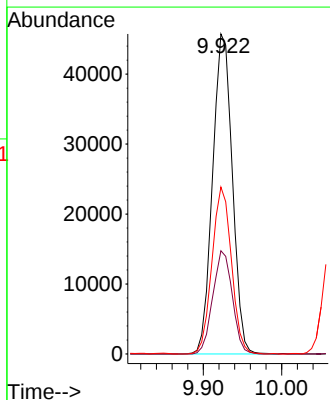
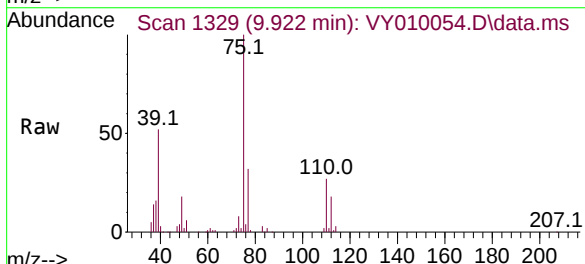
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

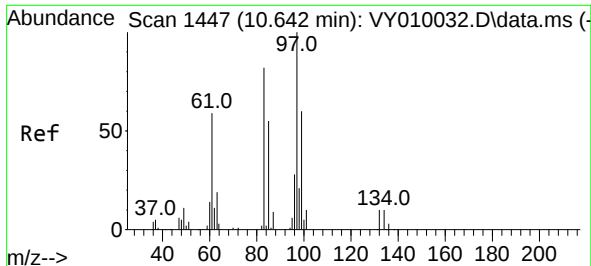
Tgt Ion: 75 Resp: 74883
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 56.013 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.001 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

Tgt Ion: 75 Resp: 80131
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 37.0
 39 52.1 39.2 58.8

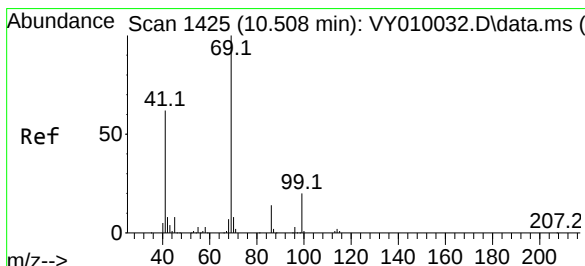
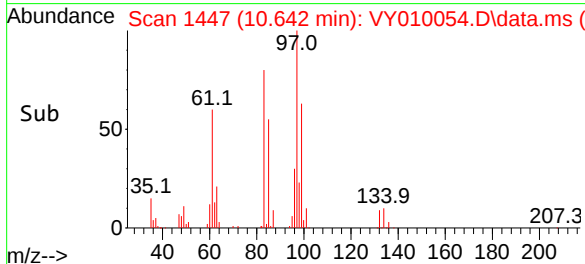
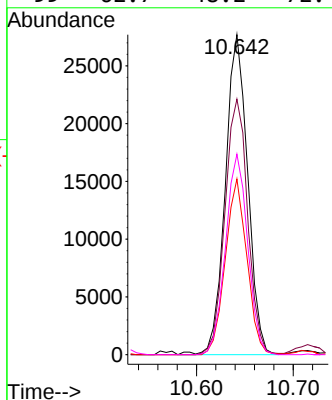
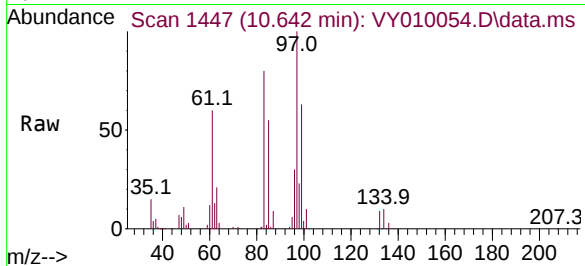




#55
1,1,2-Trichloroethane
Concen: 57.283 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

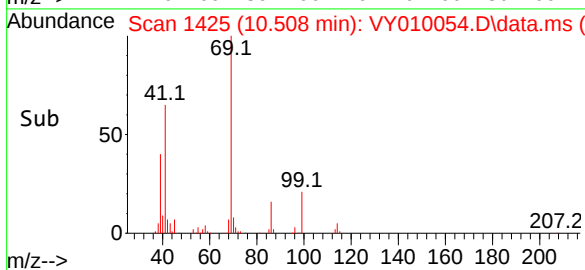
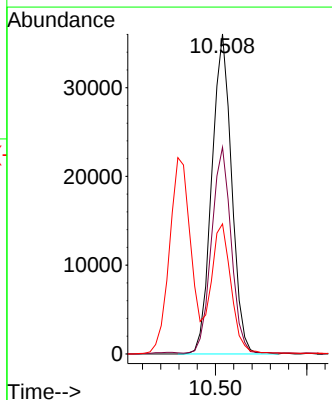
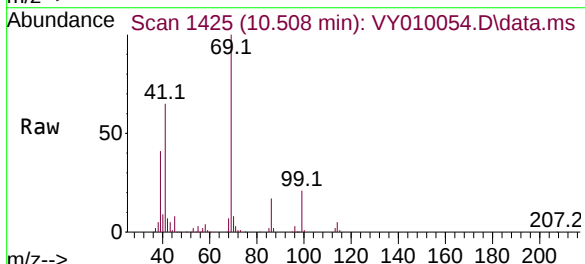
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

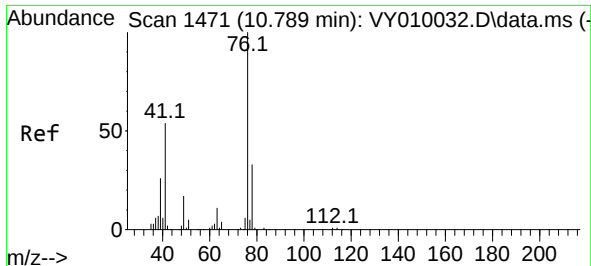
Tgt Ion:	97	Resp:	44545
Ion	Ratio	Lower	Upper
97	100		
83	79.8	65.9	98.9
85	54.9	44.2	66.2
99	62.7	48.2	72.4



#56
Ethyl methacrylate
Concen: 60.420 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:	69	Resp:	54302
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.8	79.2
39	41.0	32.4	48.6





#57

1,3-Dichloropropane

Concen: 58.267 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

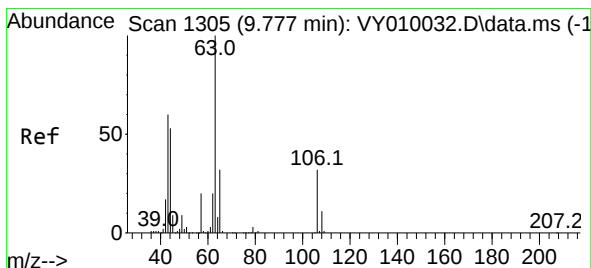
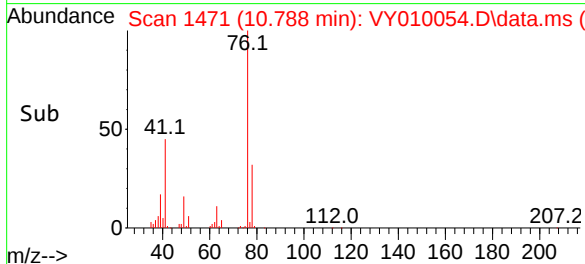
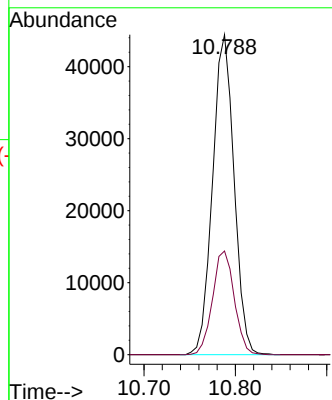
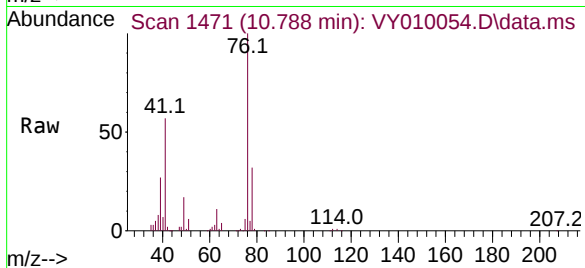
VSTDCCC050EC

Tgt Ion: 76 Resp: 72537

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 252.311 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VY010054.D

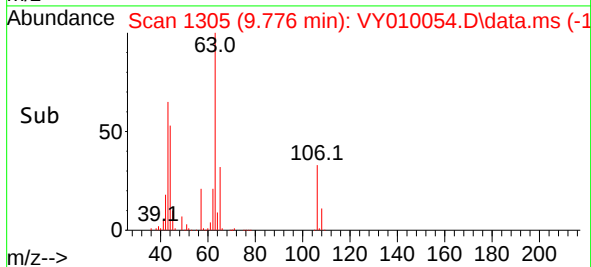
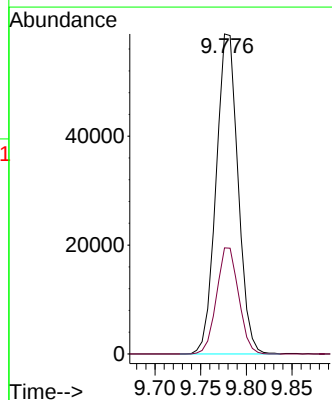
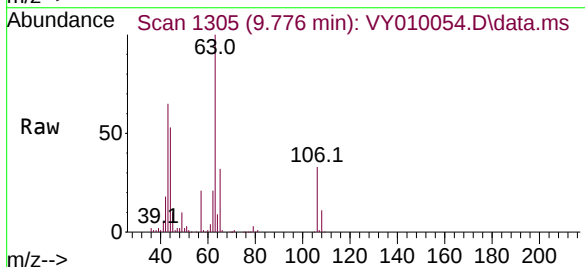
Acq: 16 Aug 2022 19:31

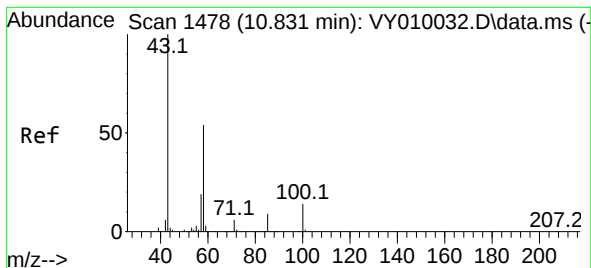
Tgt Ion: 63 Resp: 98135

Ion Ratio Lower Upper

63 100

106 33.3 25.7 38.5

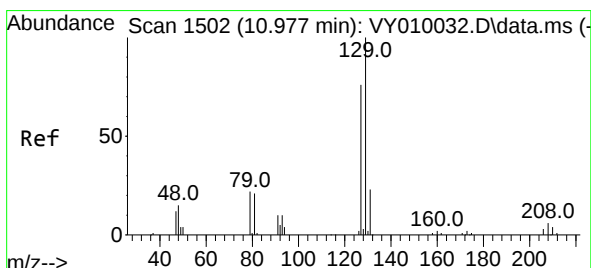
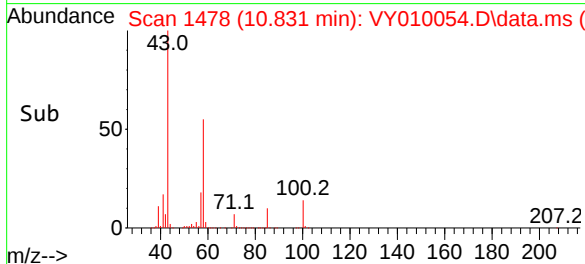
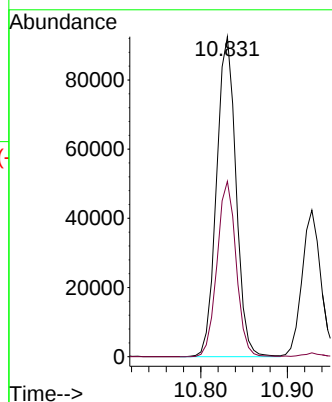
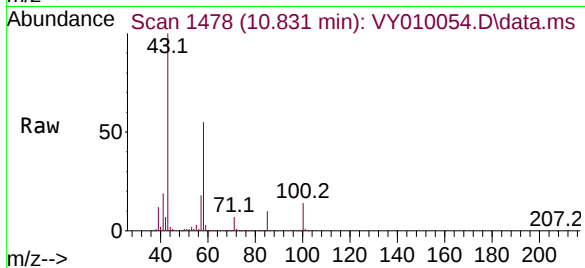




#59
2-Hexanone
Concen: 272.023 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

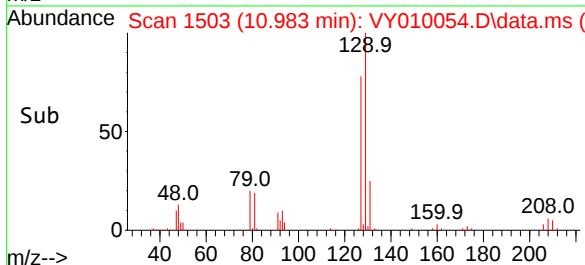
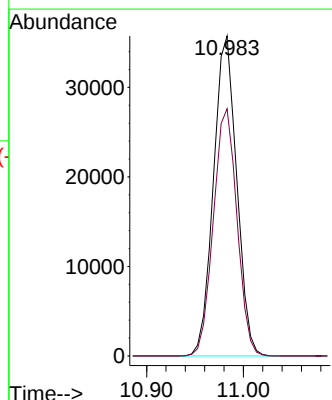
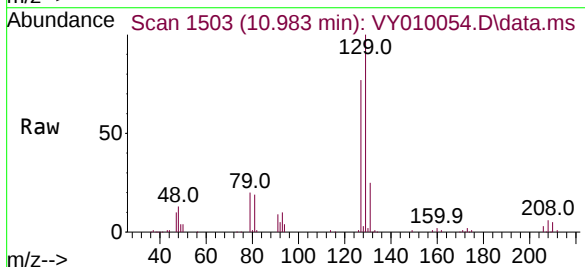
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

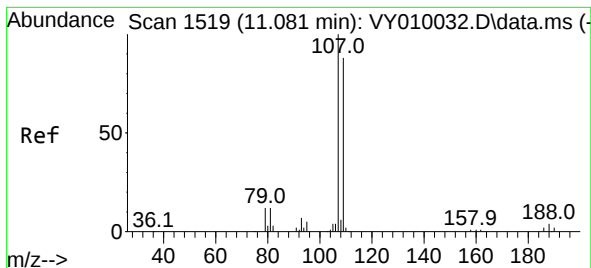
Tgt Ion: 43 Resp: 144175
Ion Ratio Lower Upper
43 100
58 53.8 26.3 78.9



#60
Dibromochloromethane
Concen: 57.789 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 129 Resp: 59522
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5

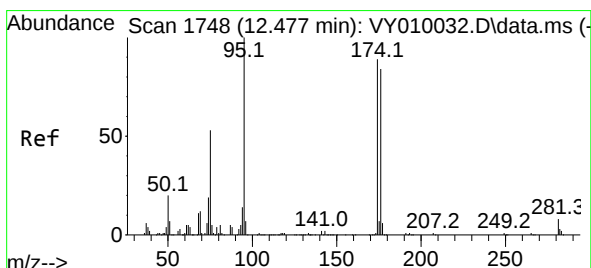
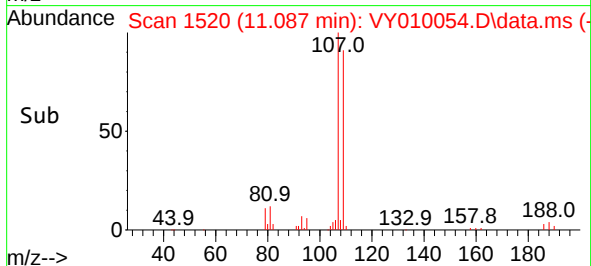
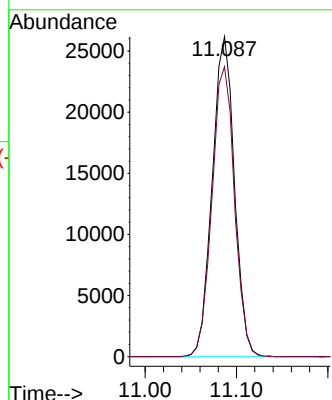
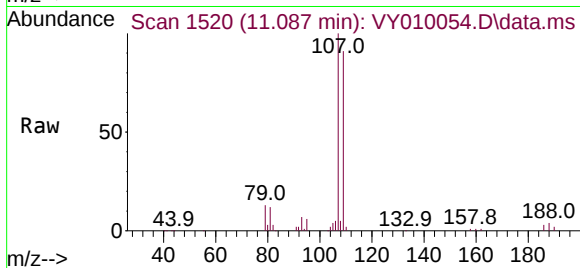




#61
1,2-Dibromoethane
Concen: 58.133 ug/l
RT: 11.087 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

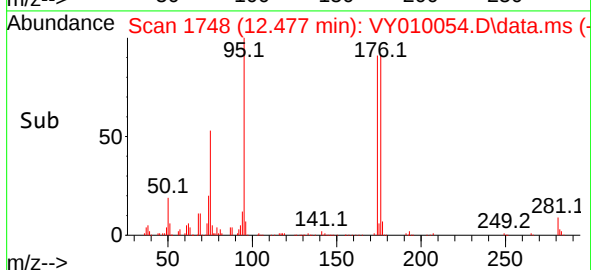
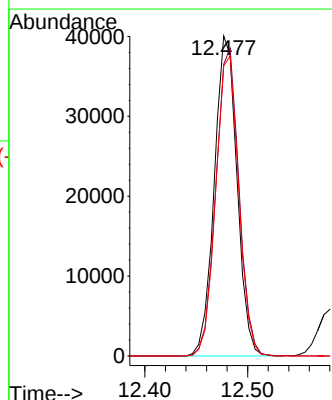
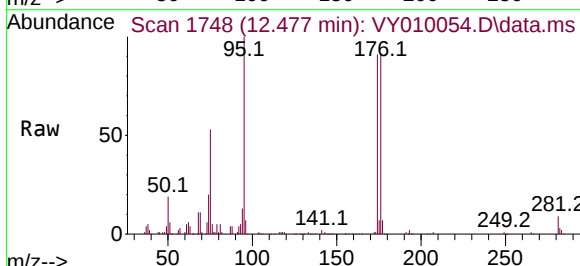
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

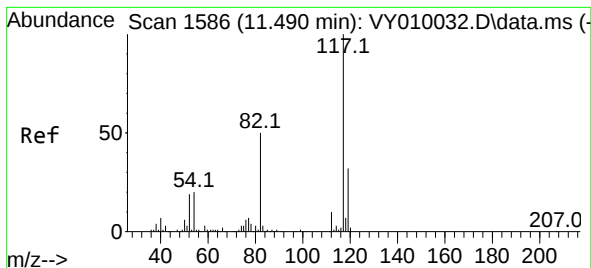
Tgt Ion:107 Resp: 44056
Ion Ratio Lower Upper
107 100
109 92.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.739 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 95 Resp: 61333
Ion Ratio Lower Upper
95 100
174 97.6 0.0 184.2
176 94.7 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

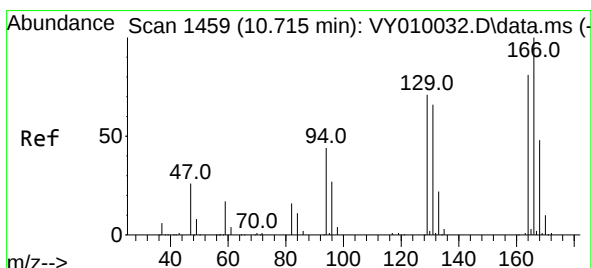
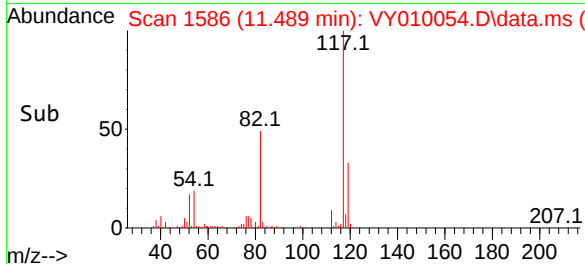
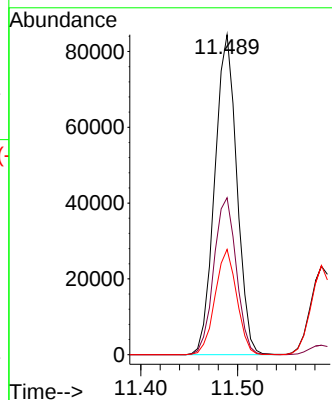
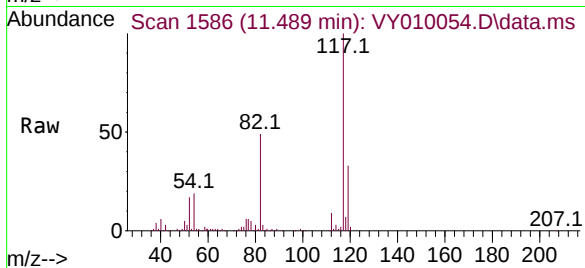
Tgt Ion:117 Resp: 133879

Ion Ratio Lower Upper

117 100

82 49.0 39.8 59.6

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 56.523 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Tgt Ion:164 Resp: 64617

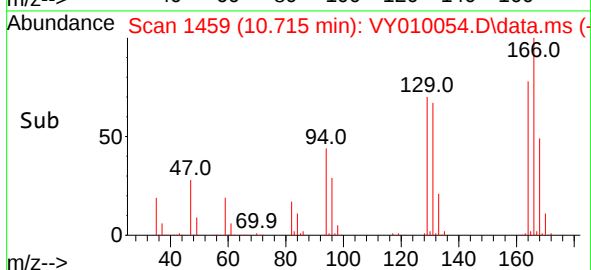
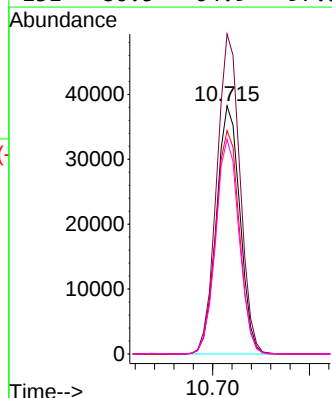
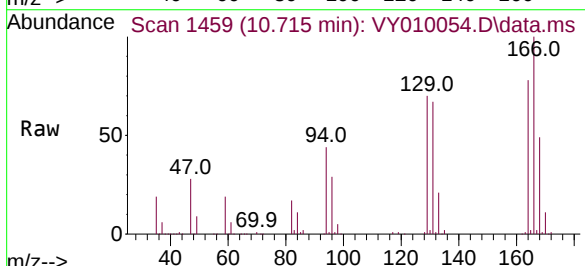
Ion Ratio Lower Upper

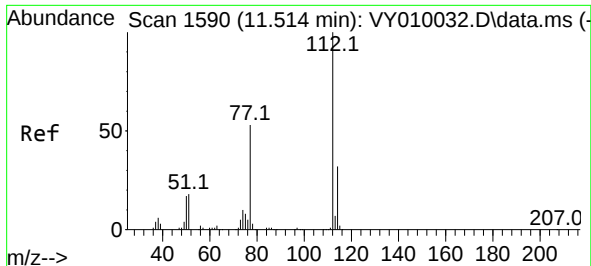
164 100

166 129.0 98.8 148.2

129 90.0 70.1 105.1

131 86.5 64.9 97.3

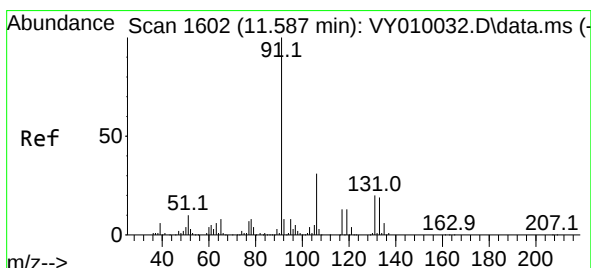
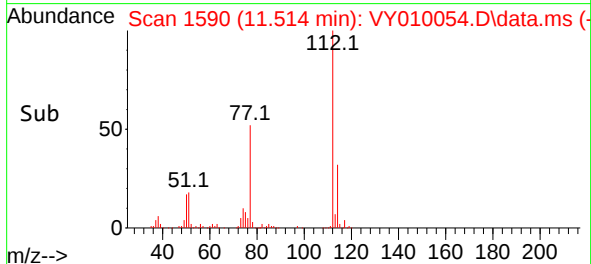
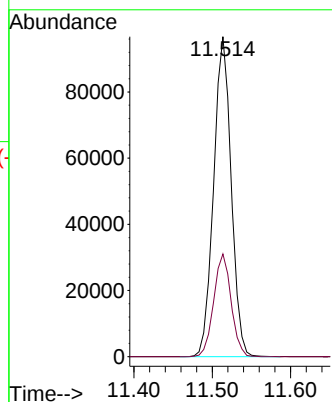
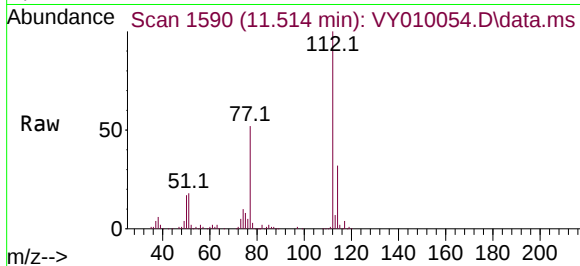




#65
Chlorobenzene
Concen: 53.893 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

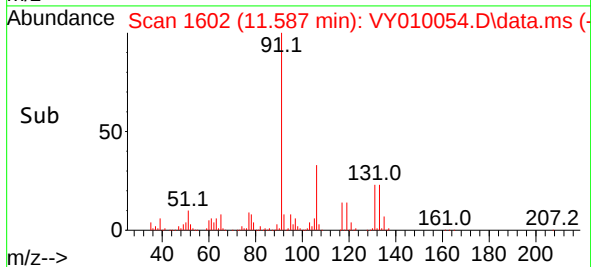
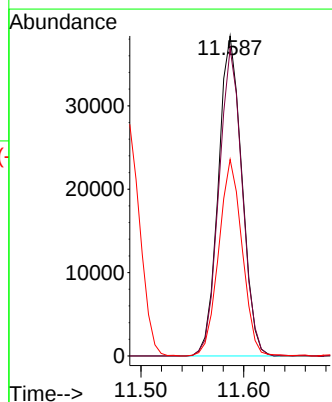
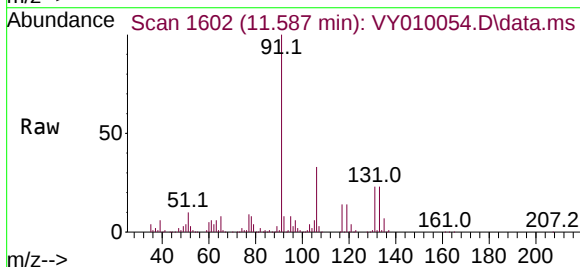
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

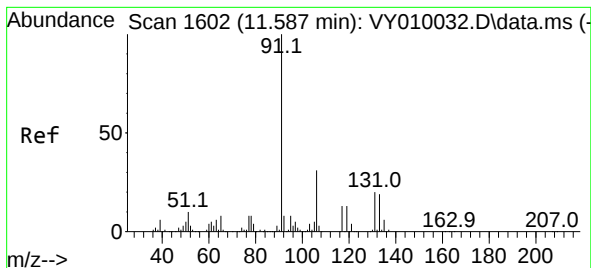
Tgt Ion:112 Resp: 150400
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.095 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:131 Resp: 60923
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 61.2 30.9 92.7





#67

Ethyl Benzene

Concen: 54.789 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

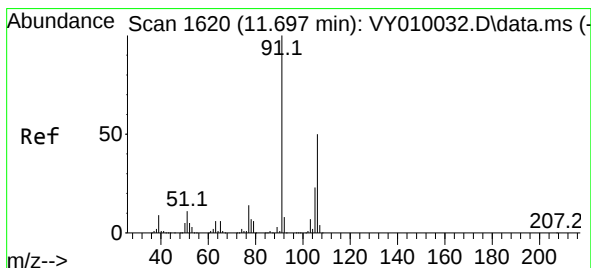
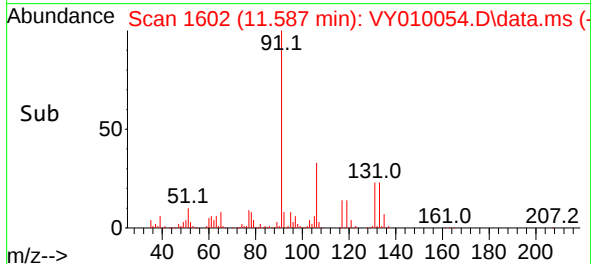
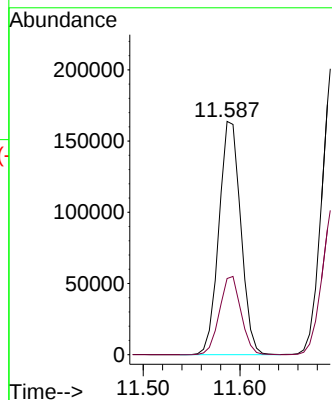
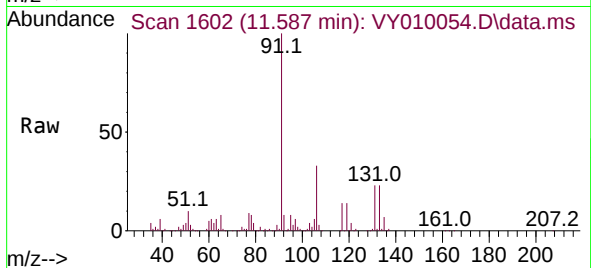
VSTDCCC050EC

Tgt Ion: 91 Resp: 256354

Ion Ratio Lower Upper

91 100

106 32.6 24.8 37.2



#68

m/p-Xylenes

Concen: 114.039 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010054.D

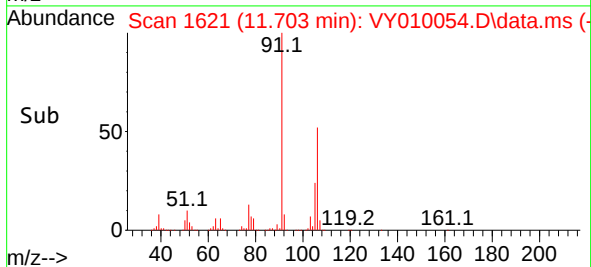
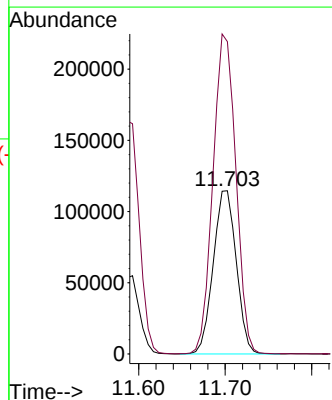
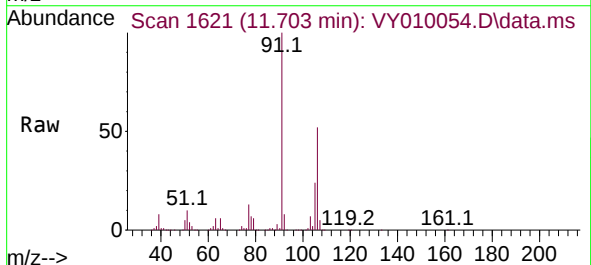
Acq: 16 Aug 2022 19:31

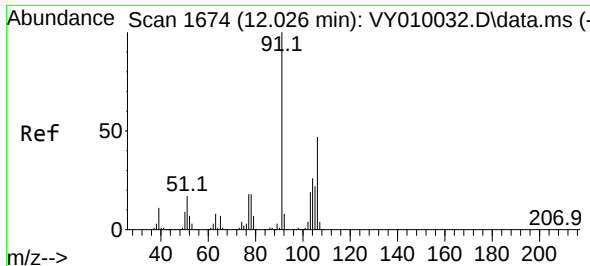
Tgt Ion:106 Resp: 211964

Ion Ratio Lower Upper

106 100

91 195.0 158.2 237.2

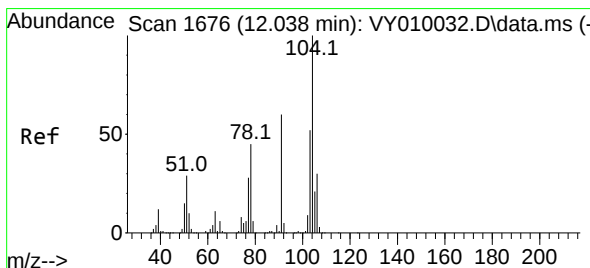
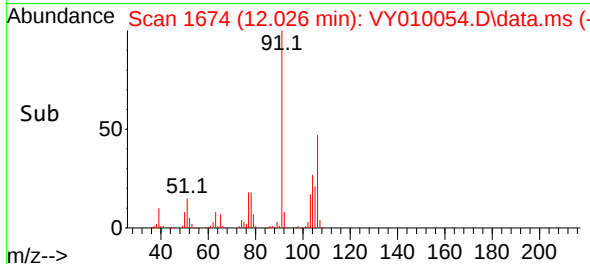
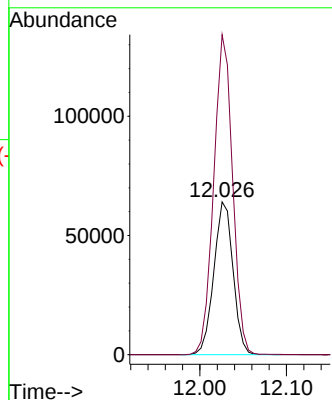
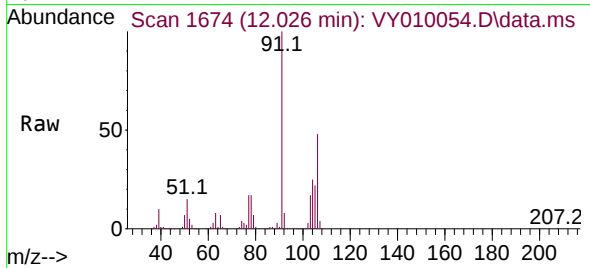




#69
o-Xylene
Concen: 56.826 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

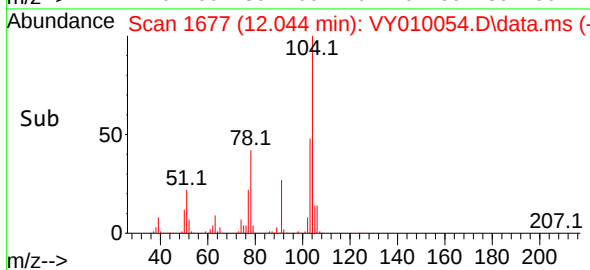
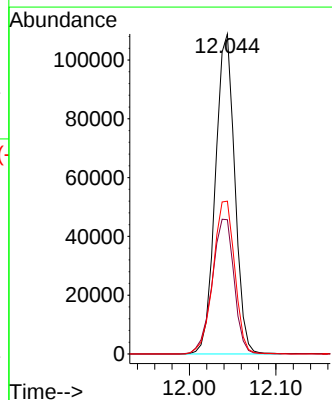
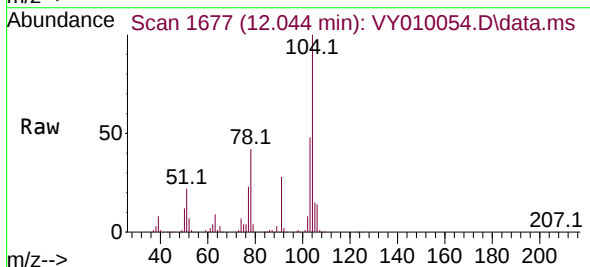
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

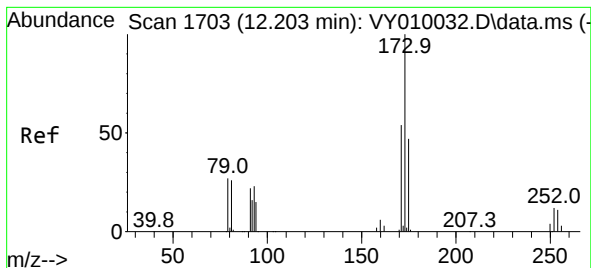
Tgt Ion:106 Resp: 98675
Ion Ratio Lower Upper
106 100
91 206.1 104.6 313.7



#70
Styrene
Concen: 57.753 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:104 Resp: 169230
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 53.3 44.0 66.0





#71

Bromoform

Concen: 59.646 ug/l

RT: 12.202 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

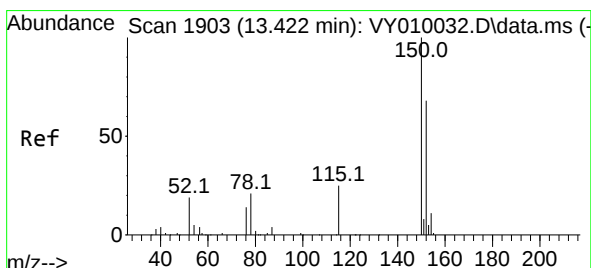
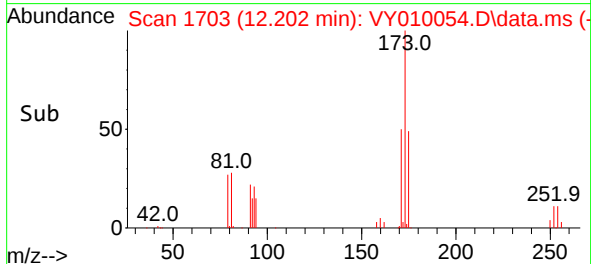
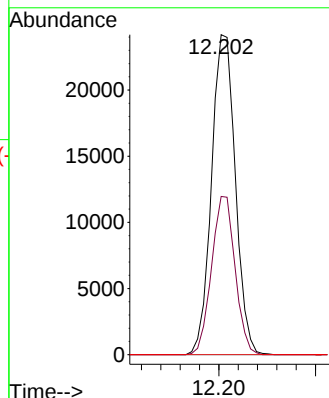
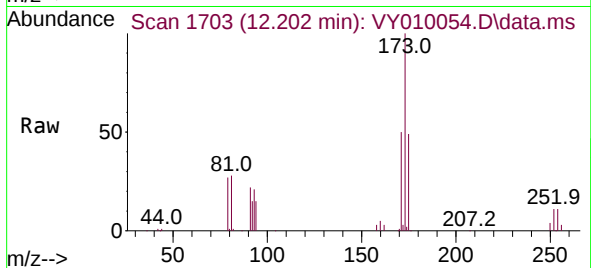
Tgt Ion:173 Resp: 41320

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

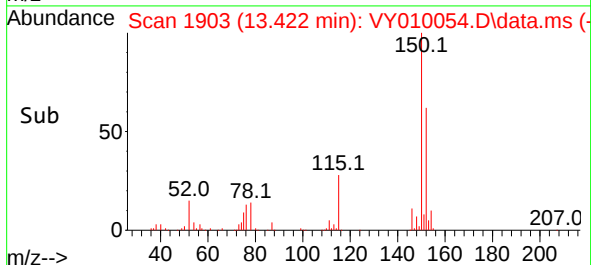
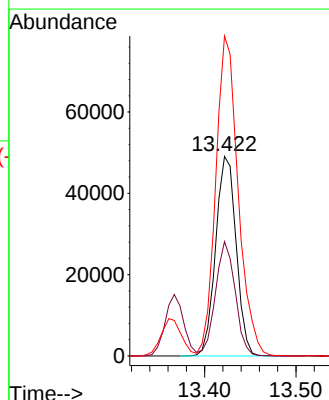
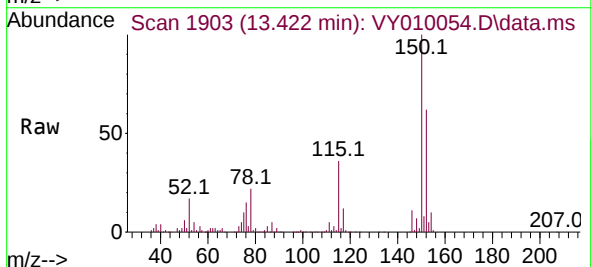
Tgt Ion:152 Resp: 76569

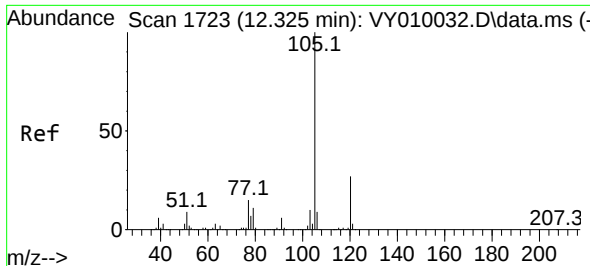
Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.3

150 175.1 0.0 346.6

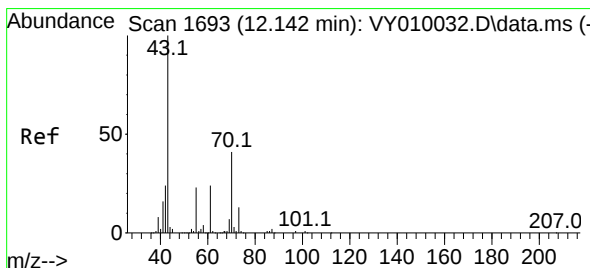
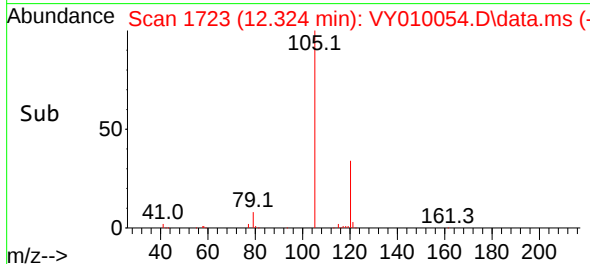
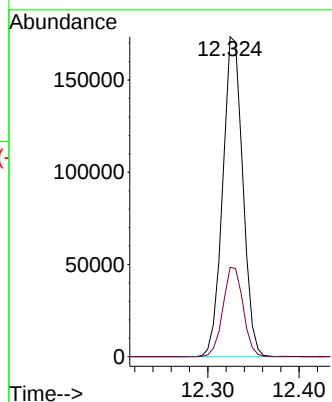
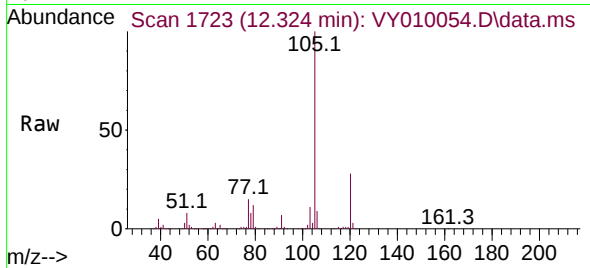




#73
Isopropylbenzene
Concen: 55.298 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

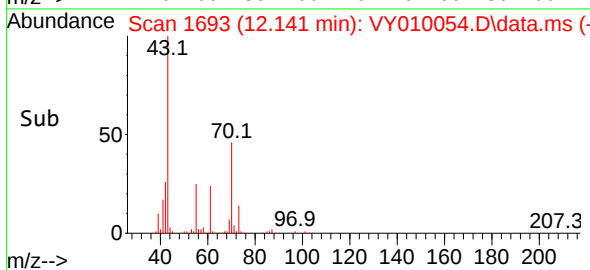
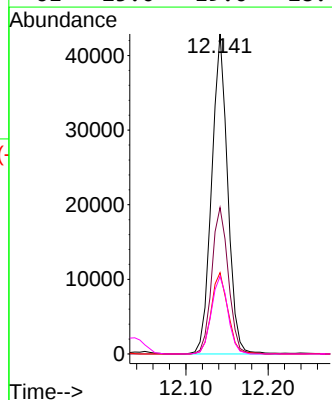
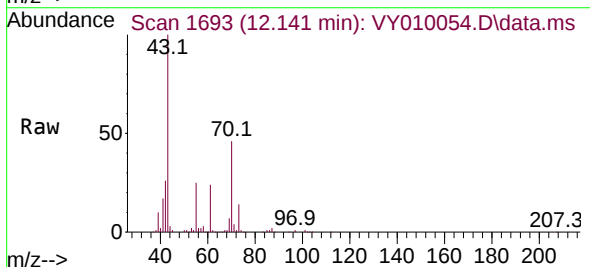
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

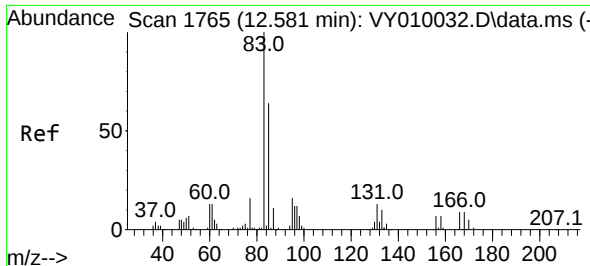
Tgt Ion:105 Resp: 264645
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4



#74
N-ethyl acetate
Concen: 43.437 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 43 Resp: 57907
Ion Ratio Lower Upper
43 100
70 47.3 32.3 48.5
55 26.5 19.3 28.9
61 25.0 19.0 28.4

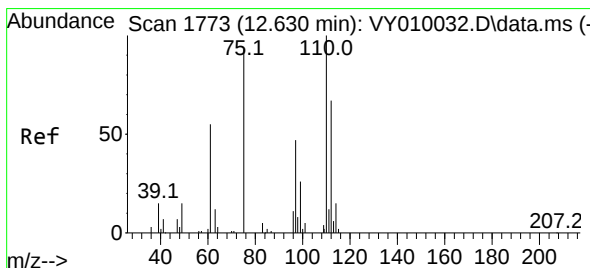
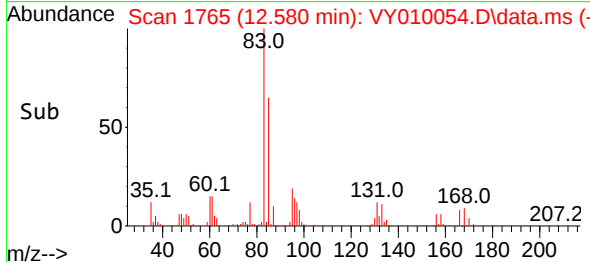
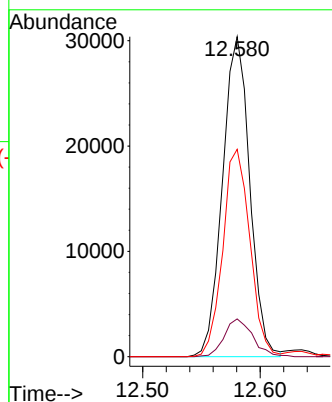
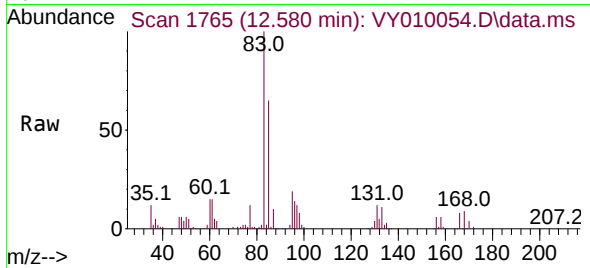




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.425 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.001 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

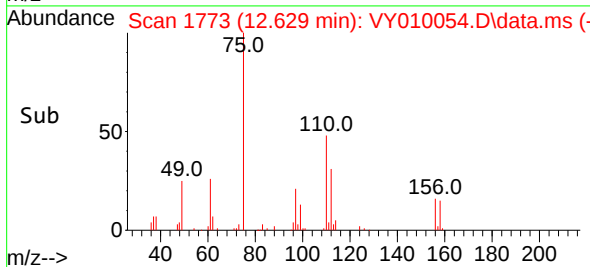
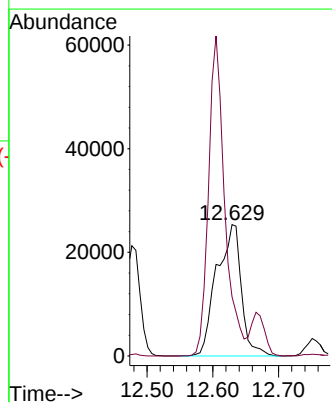
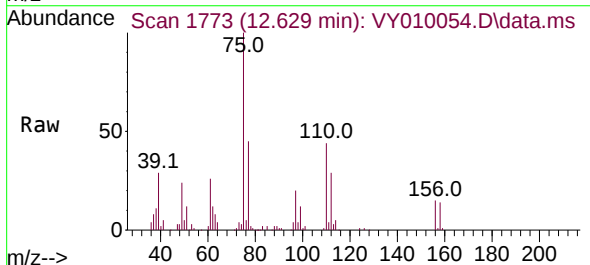
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

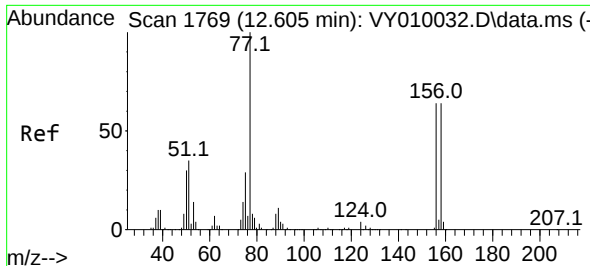
Tgt Ion: 83 Resp: 48926
 Ion Ratio Lower Upper
 83 100
 131 12.3 5.8 17.3
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 91.146 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY010054.D
 Acq: 16 Aug 2022 19:31

Tgt Ion: 75 Resp: 66154
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

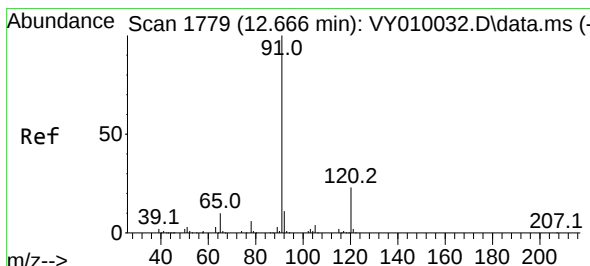
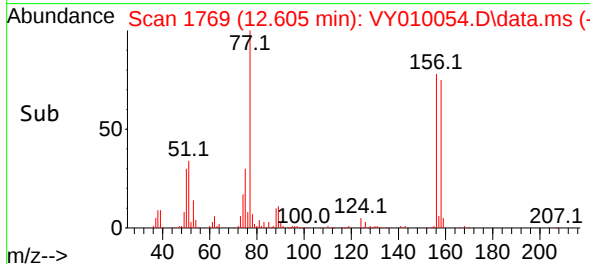
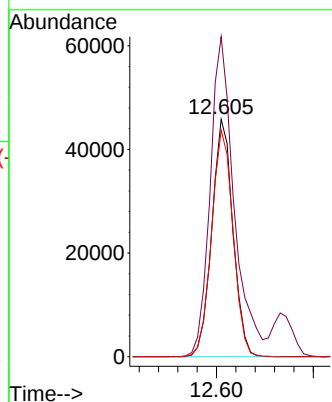
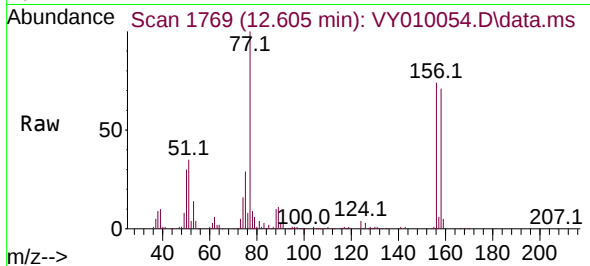




#77
Bromobenzene
Concen: 54.427 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

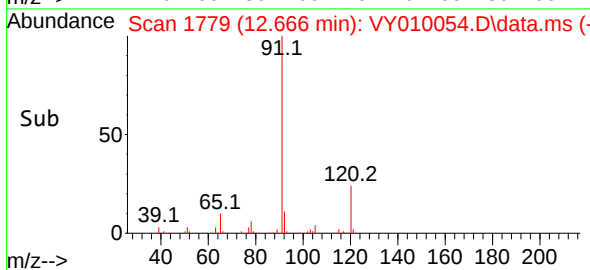
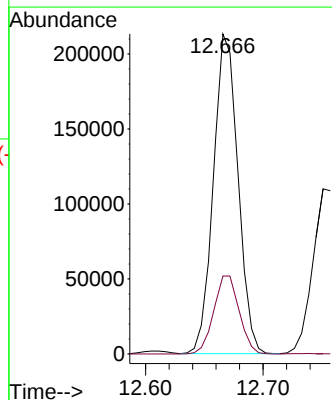
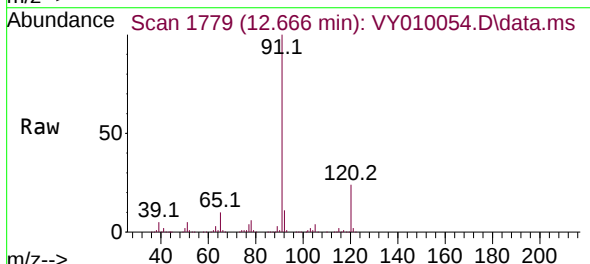
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

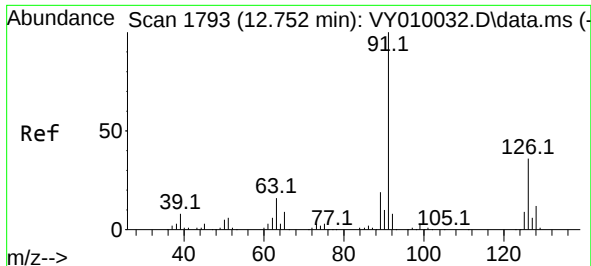
Tgt Ion:156 Resp: 69200
Ion Ratio Lower Upper
156 100
77 153.2 85.9 257.6
158 97.4 48.9 146.8



#78
n-propylbenzene
Concen: 52.548 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 91 Resp: 310041
Ion Ratio Lower Upper
91 100
120 25.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 52.260 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

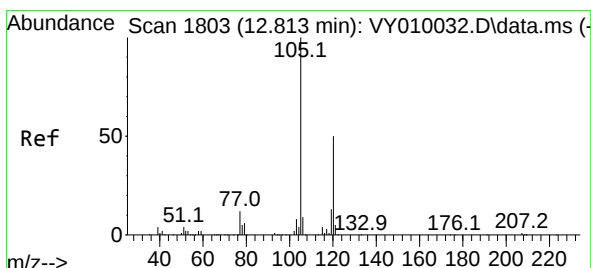
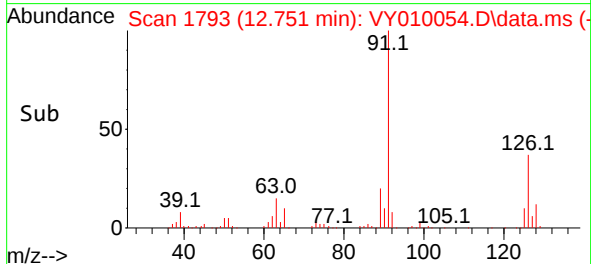
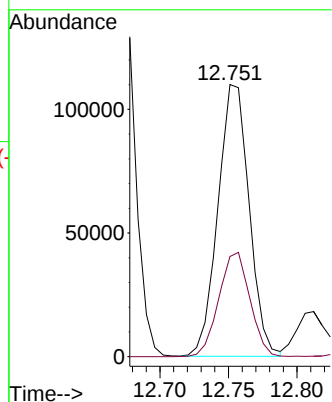
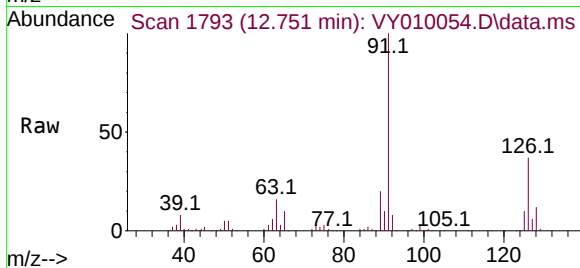
VSTDCCC050EC

Tgt Ion: 91 Resp: 174366

Ion Ratio Lower Upper

91 100

126 38.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 54.830 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010054.D

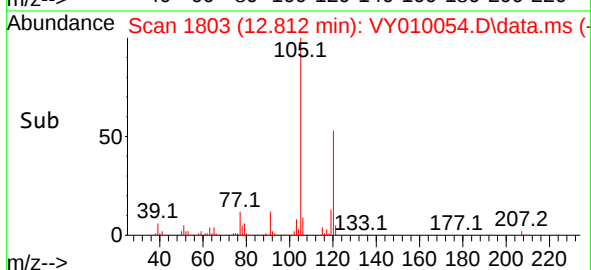
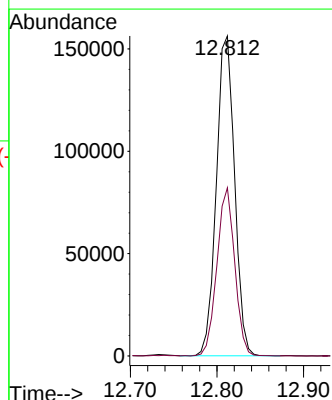
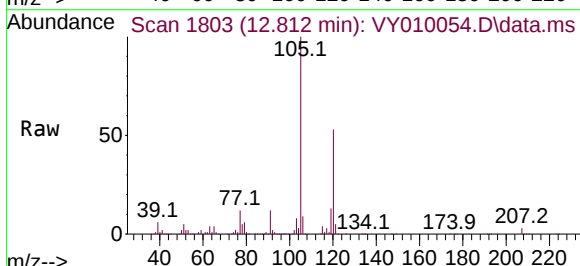
Acq: 16 Aug 2022 19:31

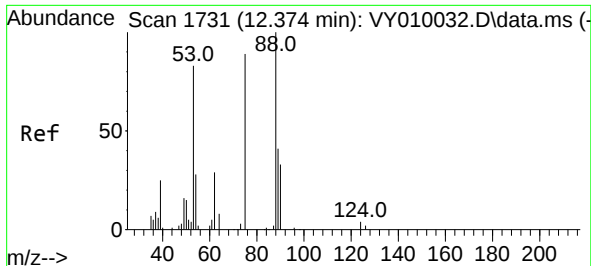
Tgt Ion: 105 Resp: 228599

Ion Ratio Lower Upper

105 100

120 51.4 25.0 75.0

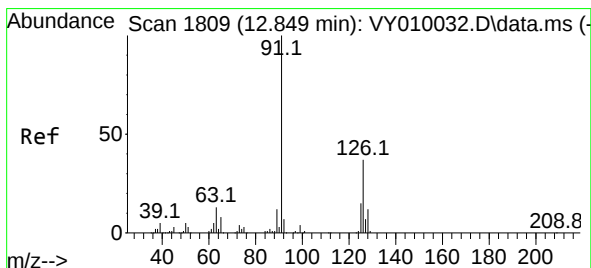
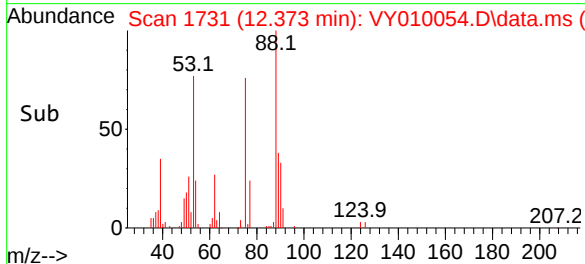
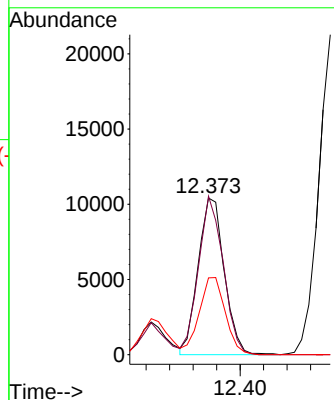
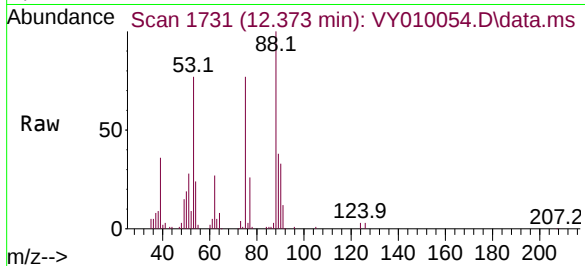




#81
trans-1,4-Dichloro-2-butene
Concen: 50.242 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

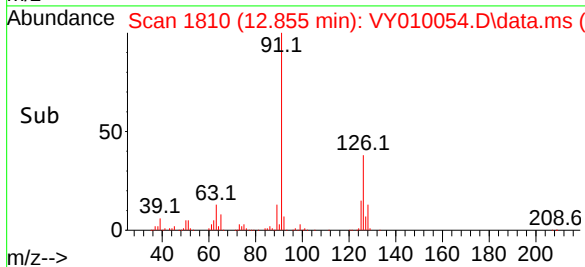
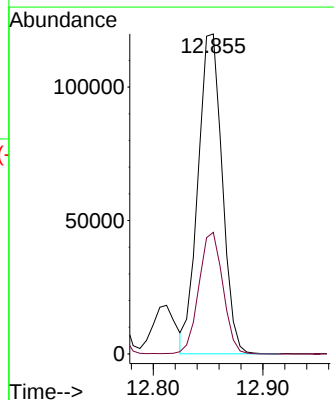
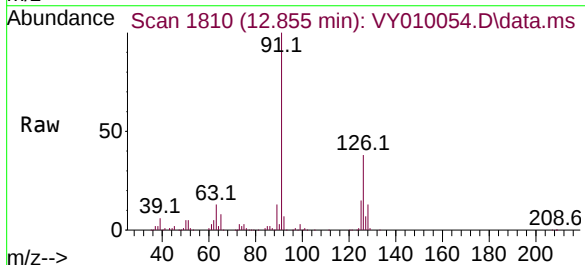
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

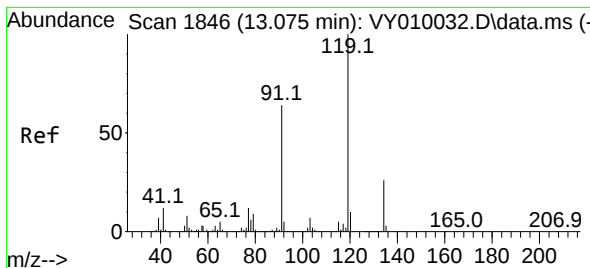
Tgt Ion: 75 Resp: 16136
Ion Ratio Lower Upper
75 100
53 95.7 74.2 111.4
89 49.2 37.8 56.6



#82
4-Chlorotoluene
Concen: 52.579 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 91 Resp: 183515
Ion Ratio Lower Upper
91 100
126 37.9 18.3 54.9





#83

tert-Butylbenzene

Concen: 55.984 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

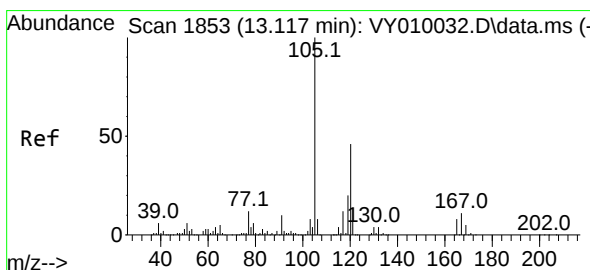
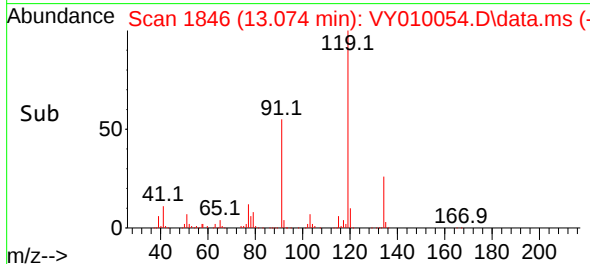
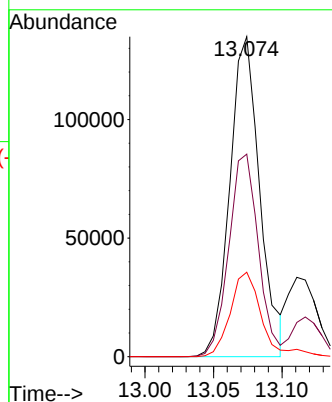
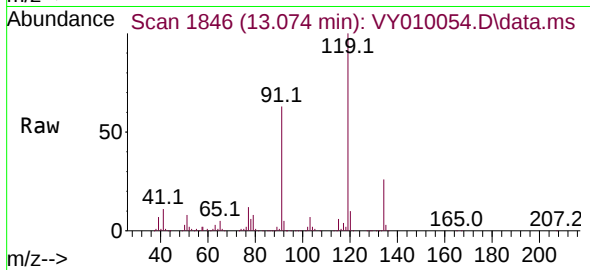
Tgt Ion:119 Resp: 205094

Ion Ratio Lower Upper

119 100

91 62.7 31.6 94.7

134 27.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 56.029 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY010054.D

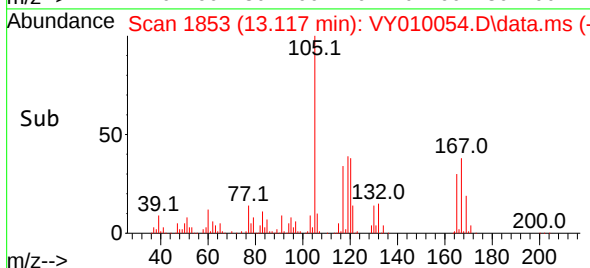
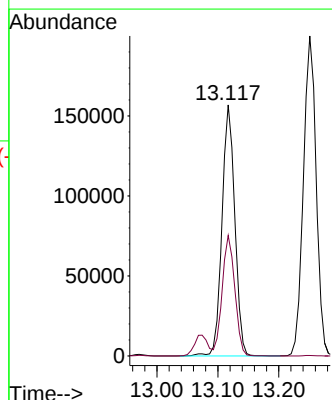
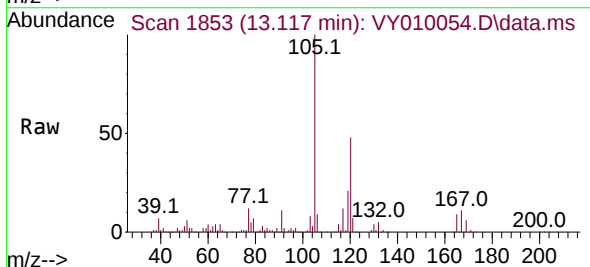
Acq: 16 Aug 2022 19:31

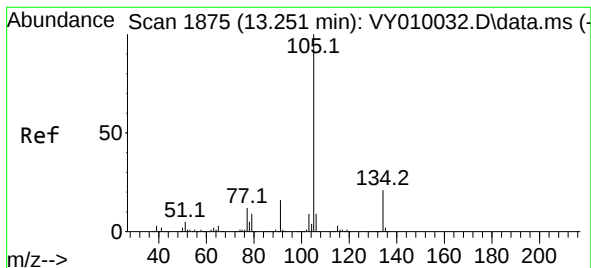
Tgt Ion:105 Resp: 229358

Ion Ratio Lower Upper

105 100

120 47.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 54.469 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

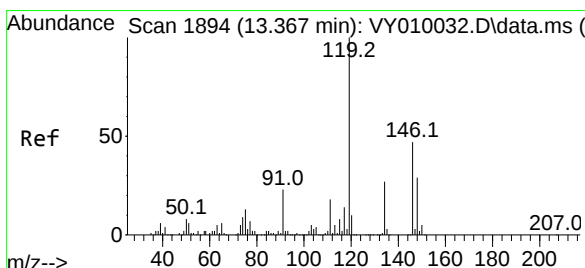
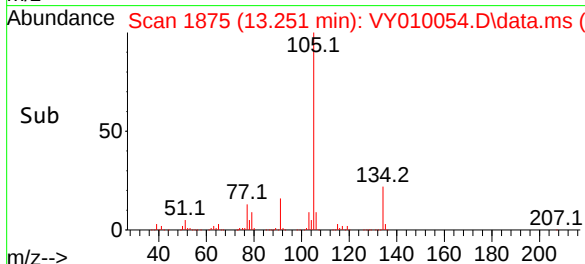
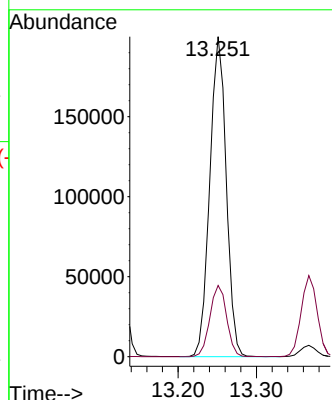
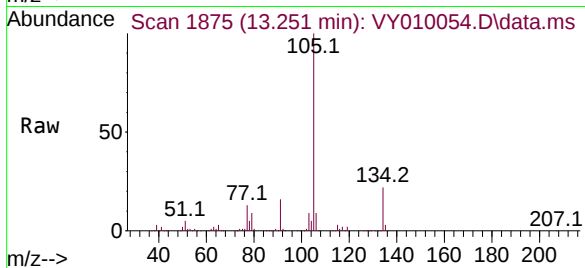
VSTDCCC050EC

Tgt Ion:105 Resp: 291463

Ion Ratio Lower Upper

105 100

134 22.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 56.665 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

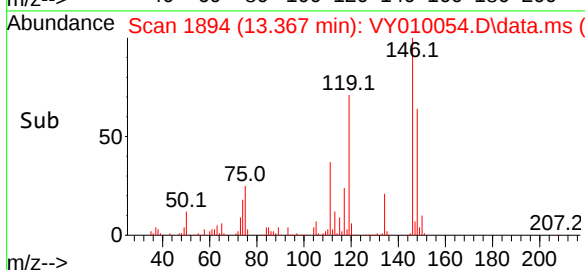
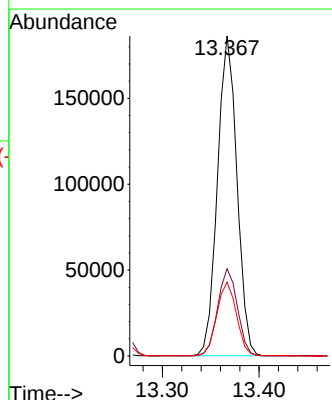
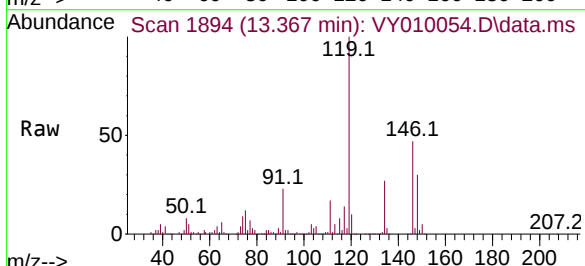
Tgt Ion:119 Resp: 259868

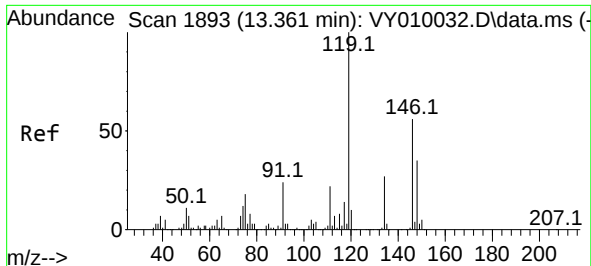
Ion Ratio Lower Upper

119 100

134 27.7 13.8 41.3

91 23.3 11.7 35.0

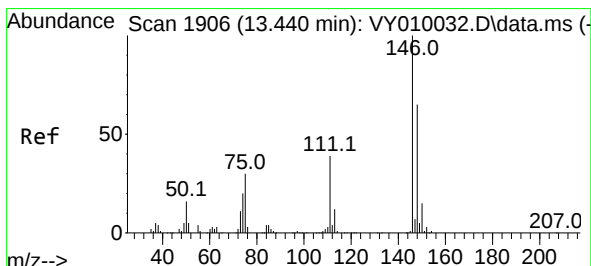
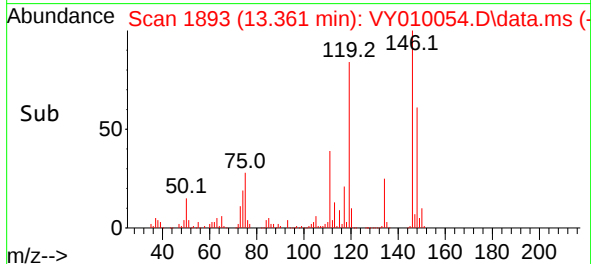
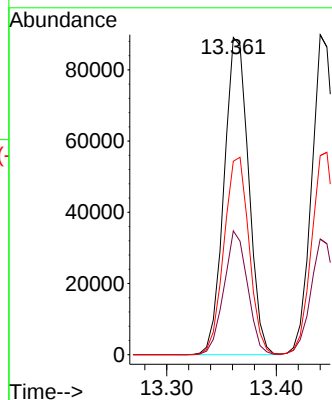
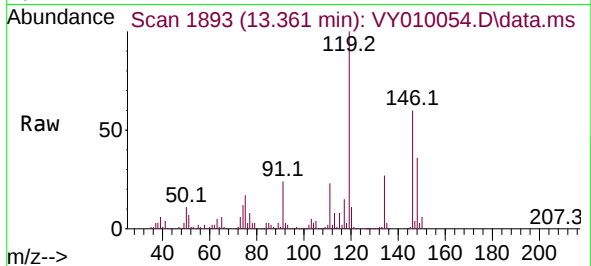




#87
1,3-Dichlorobenzene
Concen: 53.561 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

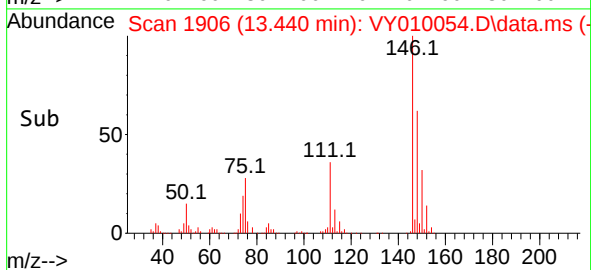
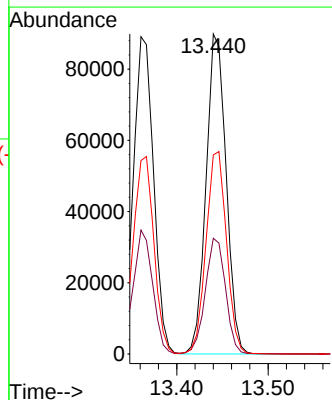
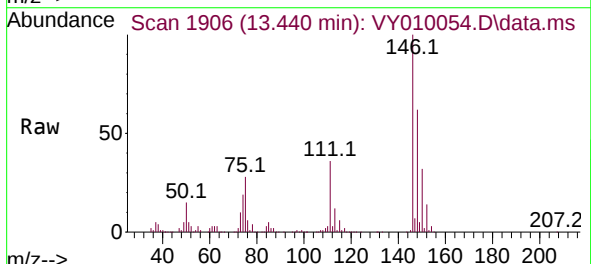
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

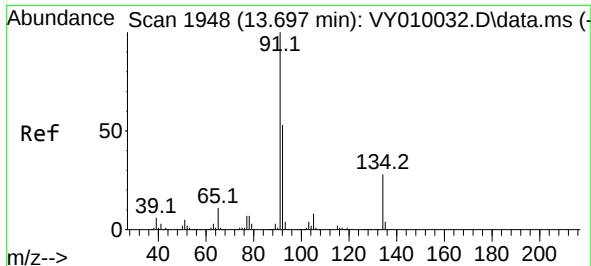
Tgt Ion:146 Resp: 138671
Ion Ratio Lower Upper
146 100
111 37.6 19.2 57.6
148 63.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 52.381 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:146 Resp: 136911
Ion Ratio Lower Upper
146 100
111 36.2 19.1 57.1
148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 53.826 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

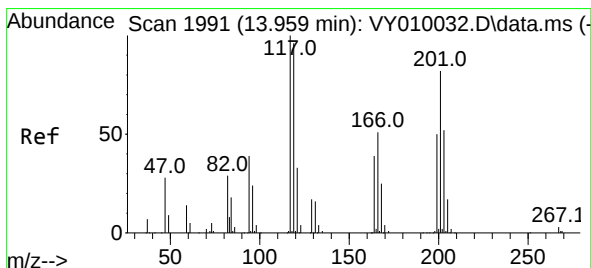
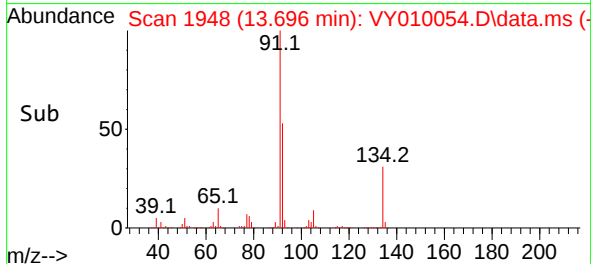
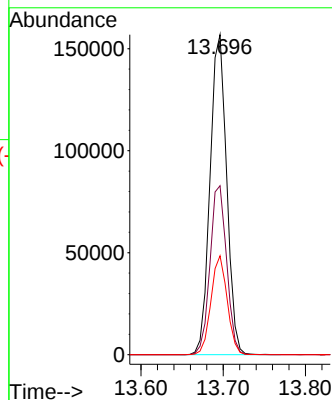
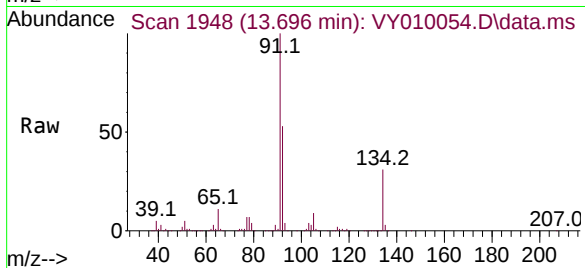
Tgt Ion: 91 Resp: 219920

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 30.2 13.6 40.8



#90

Hexachloroethane

Concen: 52.821 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY010054.D

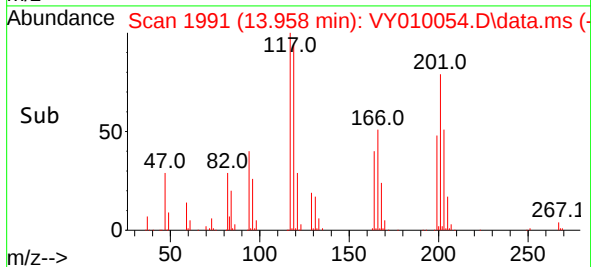
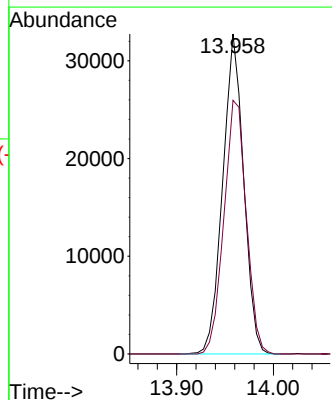
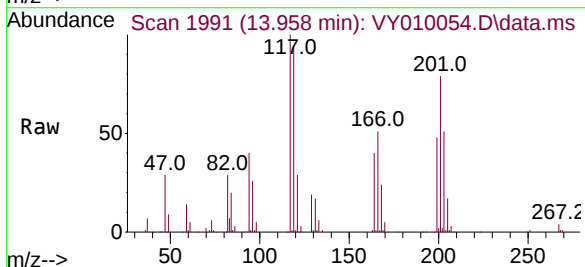
Acq: 16 Aug 2022 19:31

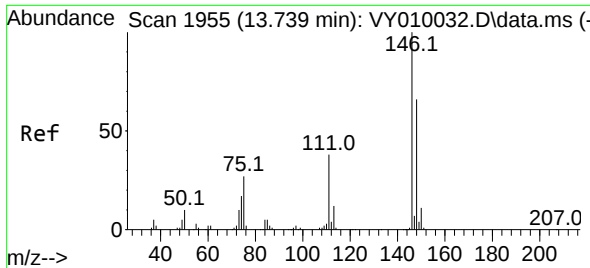
Tgt Ion: 117 Resp: 49100

Ion Ratio Lower Upper

117 100

201 84.7 42.4 127.1

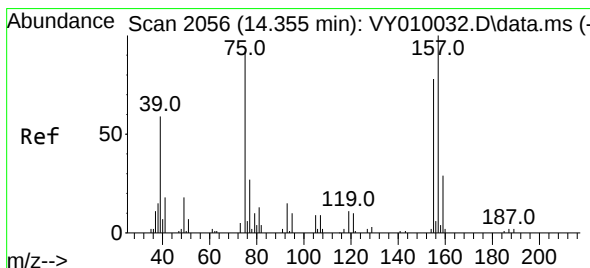
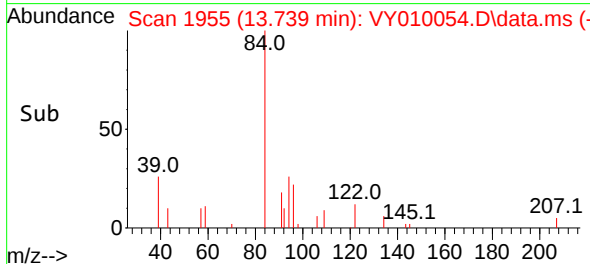
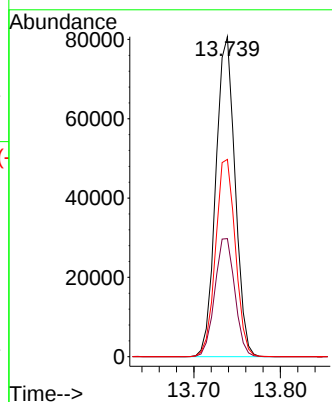
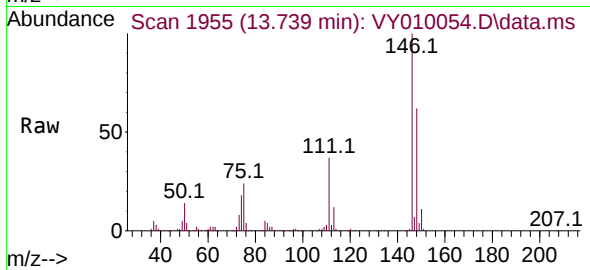




#91
1,2-Dichlorobenzene
Concen: 54.167 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

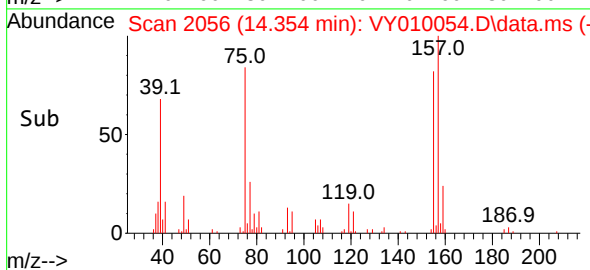
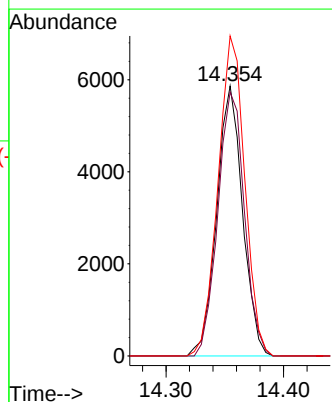
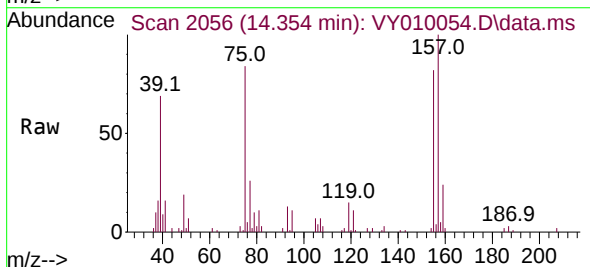
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

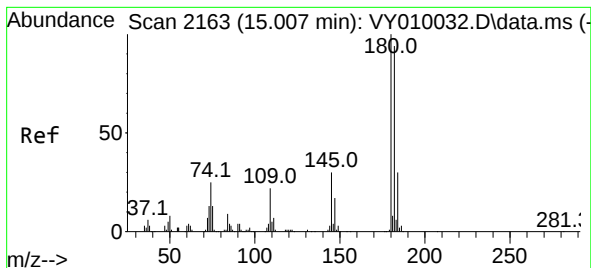
Tgt Ion:146 Resp: 124729
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.4
148 63.4 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.701 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion: 75 Resp: 8945
Ion Ratio Lower Upper
75 100
155 100.7 46.9 140.6
157 122.7 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 57.511 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

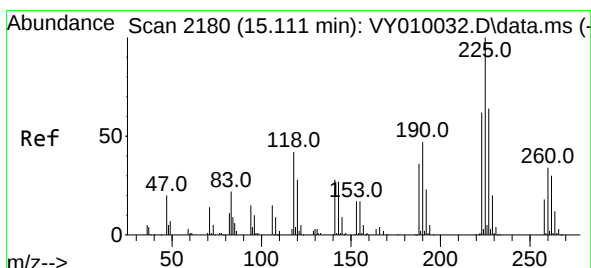
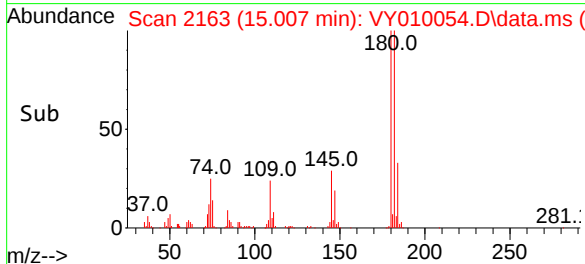
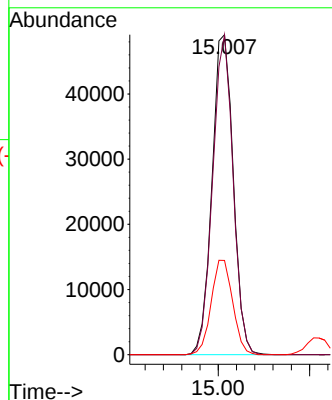
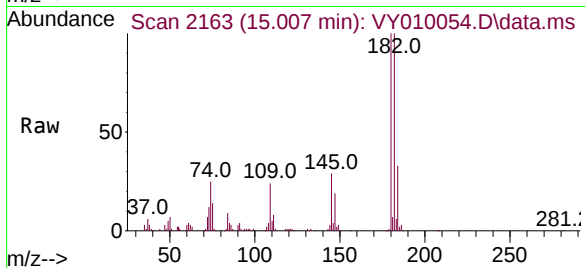
Tgt Ion:180 Resp: 79118

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.2

145 29.9 14.8 44.4



#94

Hexachlorobutadiene

Concen: 57.169 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY010054.D

Acq: 16 Aug 2022 19:31

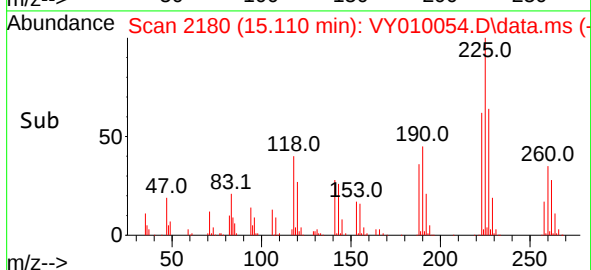
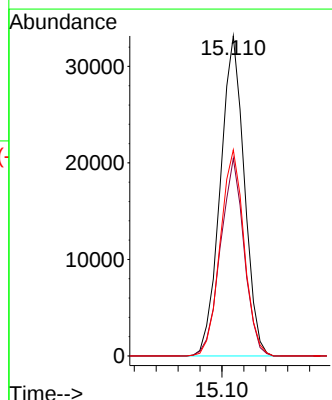
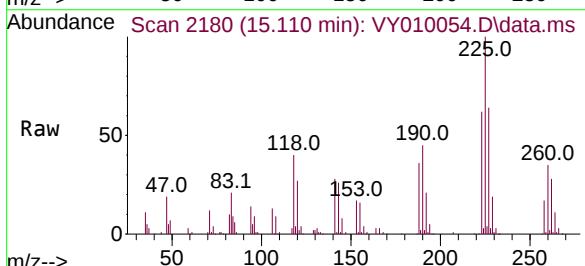
Tgt Ion:225 Resp: 50329

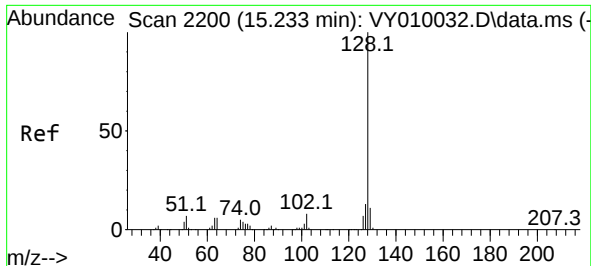
Ion Ratio Lower Upper

225 100

223 60.7 31.6 94.8

227 64.1 32.6 97.8

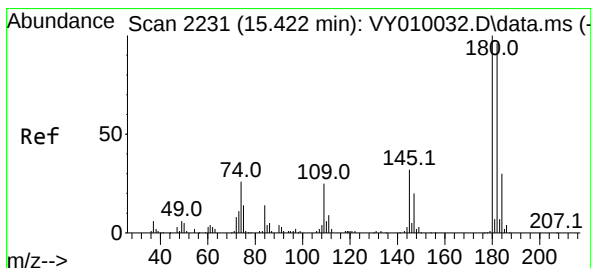
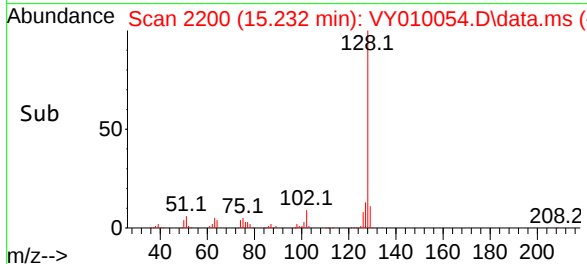
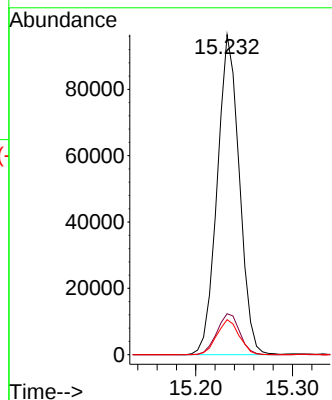
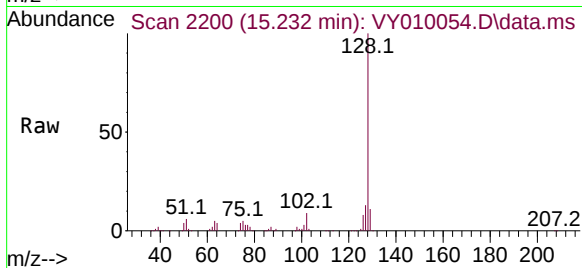




#95
Naphthalene
Concen: 62.787 ug/l
RT: 15.232 min Scan# 2111
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 152914
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 58.367 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY010054.D
Acq: 16 Aug 2022 19:31

Tgt Ion:180 Resp: 70669
Ion Ratio Lower Upper
180 100
182 94.1 48.0 144.0
145 31.2 15.7 47.0

