

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013068.D
 Acq On : 23 Mar 2023 18:22
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 24 05:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	112610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	170409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	62001	55.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.900%	
35) Dibromofluoromethane	7.710	113	62980	61.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.480%	
50) Toluene-d8	10.179	98	194674	51.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.477	95	76050	59.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49713	44.789	ug/l	97
3) Chloromethane	2.107	50	51853	39.077	ug/l	99
4) Vinyl Chloride	2.247	62	53124	43.659	ug/l	97
5) Bromomethane	2.638	94	34931	47.245	ug/l	96
6) Chloroethane	2.784	64	34067	46.749	ug/l	99
7) Trichlorofluoromethane	3.119	101	82792	40.967	ug/l	99
8) Diethyl Ether	3.522	74	35000	49.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	56830	46.740	ug/l	99
10) Methyl Iodide	4.082	142	73416	46.341	ug/l	98
11) Tert butyl alcohol	4.936	59	35179	275.663	ug/l	97
12) 1,1-Dichloroethene	3.863	96	53762	46.361	ug/l	96
13) Acrolein	3.723	56	34569	176.476	ug/l	99
14) Allyl chloride	4.473	41	101568	47.416	ug/l	100
15) Acrylonitrile	5.149	53	101160	271.095	ug/l	100
16) Acetone	3.942	43	108942	248.244	ug/l	100
17) Carbon Disulfide	4.186	76	172898	43.803	ug/l	100
18) Methyl Acetate	4.473	43	69520	53.195	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	158928	53.060	ug/l	97
20) Methylene Chloride	4.710	84	69926	52.483	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	62059	49.246	ug/l	96
22) Diisopropyl ether	6.106	45	209236	53.780	ug/l	93
23) Vinyl Acetate	6.052	43	669002	276.745	ug/l	99
24) 1,1-Dichloroethane	6.009	63	113251	51.083	ug/l	98
25) 2-Butanone	6.978	43	150279	276.475	ug/l	98
26) 2,2-Dichloropropane	6.972	77	94894	48.193	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	69367	51.342	ug/l	99
28) Bromochloromethane	7.326	49	40987	50.590	ug/l	96
29) Tetrahydrofuran	7.338	42	94617	288.617	ug/l	99
30) Chloroform	7.503	83	113650	51.899	ug/l	99
31) Cyclohexane	7.783	56	99610	46.518	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	99350	50.168	ug/l	99
36) 1,1-Dichloropropene	7.911	75	86887	50.416	ug/l	99
37) Ethyl Acetate	7.070	43	60168	55.392	ug/l	99
38) Carbon Tetrachloride	7.899	117	91738	51.547	ug/l	98
39) Methylcyclohexane	9.179	83	102602	50.076	ug/l	97
40) Benzene	8.155	78	249955	51.273	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	87036	148.721	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	77322	52.756	ug/l	100
43) Isopropyl Acetate	8.271	43	108155	55.808	ug/l	100
44) Trichloroethene	8.935	130	64997	50.569	ug/l	95
45) 1,2-Dichloropropane	9.210	63	65114	52.850	ug/l	97
46) Dibromomethane	9.301	93	37997	54.134	ug/l	99
47) Bromodichloromethane	9.490	83	88253	53.356	ug/l	97
48) Methyl methacrylate	9.289	41	51981	58.212	ug/l	98
49) 1,4-Dioxane	9.295	88	11549	1272.784	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	309748	294.654	ug/l	100
52) Toluene	10.240	92	154432	52.527	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	94327	54.369	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	103289	52.599	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	52401	53.607	ug/l	98
56) Ethyl methacrylate	10.508	69	74372	57.061	ug/l	99
57) 1,3-Dichloropropane	10.789	76	91059	54.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	193513	282.820	ug/l	99
59) 2-Hexanone	10.825	43	224419	293.737	ug/l	100
60) Dibromochloromethane	10.984	129	64419	54.139	ug/l	99
61) 1,2-Dibromoethane	11.087	107	50736	53.882	ug/l	100
64) Tetrachloroethene	10.715	164	59289	52.648	ug/l	97
65) Chlorobenzene	11.514	112	164960	50.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	62591	52.106	ug/l	99
67) Ethyl Benzene	11.587	91	294994	51.686	ug/l	100
68) m/p-Xylenes	11.697	106	228155	103.914	ug/l	100
69) o-Xylene	12.026	106	106128	51.791	ug/l	100
70) Styrene	12.038	104	184616	53.988	ug/l	100
71) Bromoform	12.203	173	42044	53.683	ug/l #	98
73) Isopropylbenzene	12.325	105	282909	48.322	ug/l	100
74) N-amyl acetate	12.142	43	97302	52.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	67516	51.300	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	85591	86.762	ug/l #	100
77) Bromobenzene	12.605	156	67878	47.724	ug/l	99
78) n-propylbenzene	12.666	91	352187	48.791	ug/l	99
79) 2-Chlorotoluene	12.752	91	195139	48.642	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	237812	49.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	23667	49.709	ug/l	98
82) 4-Chlorotoluene	12.855	91	203094	48.905	ug/l	99
83) tert-Butylbenzene	13.075	119	208828	50.075	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	233829	49.491	ug/l	98
85) sec-Butylbenzene	13.251	105	312695	49.150	ug/l	99
86) p-Isopropyltoluene	13.367	119	255200	49.080	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	133735	48.752	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	133647	47.737	ug/l	98
89) n-Butylbenzene	13.697	91	241389	48.494	ug/l	100
90) Hexachloroethane	13.959	117	51217	47.293	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	122524	49.411	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10875	51.128	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	69654	45.622	ug/l	100
94) Hexachlorobutadiene	15.111	225	40913	43.935	ug/l	98
95) Naphthalene	15.233	128	148551	48.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62057	45.702	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

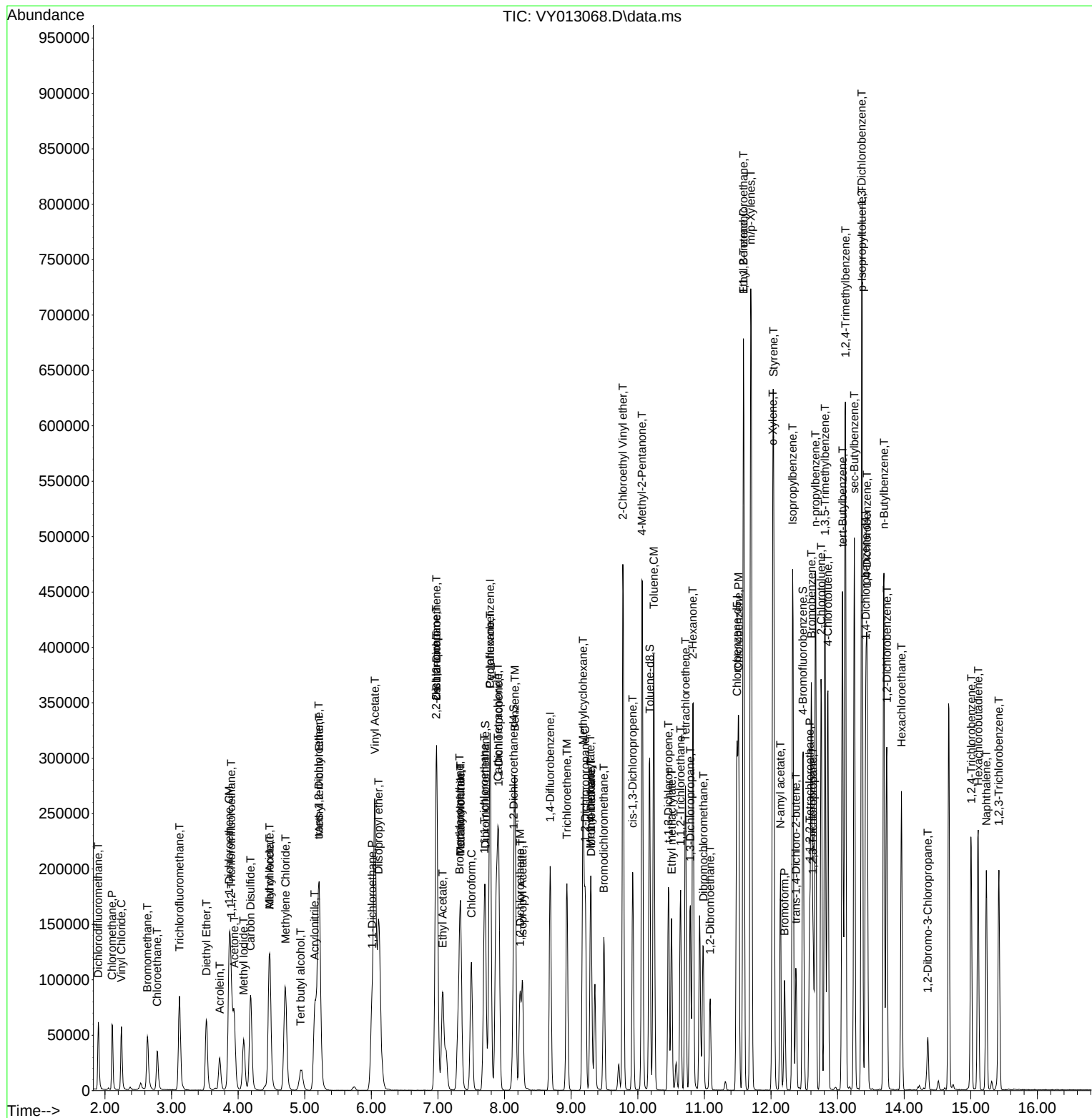
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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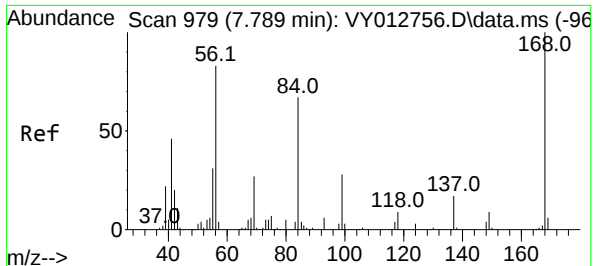
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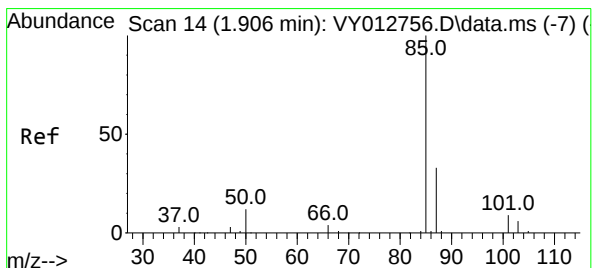
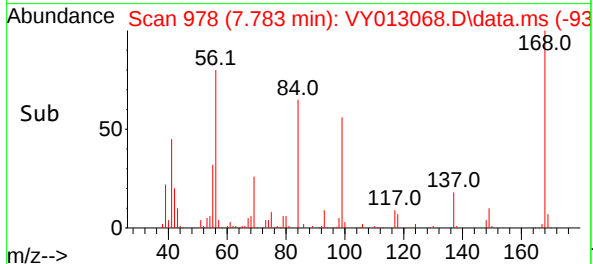
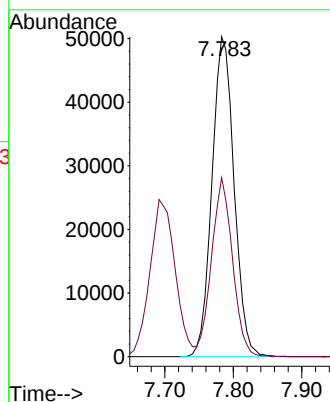
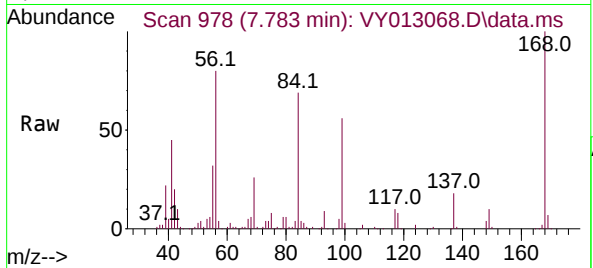




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

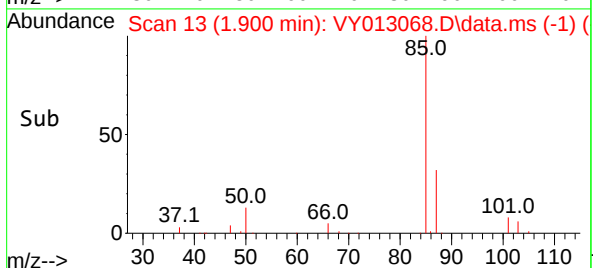
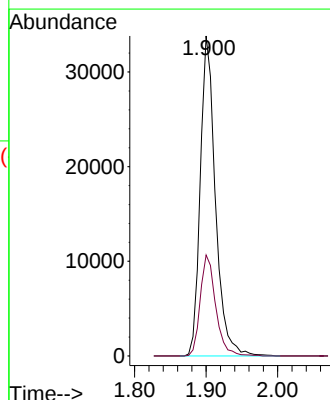
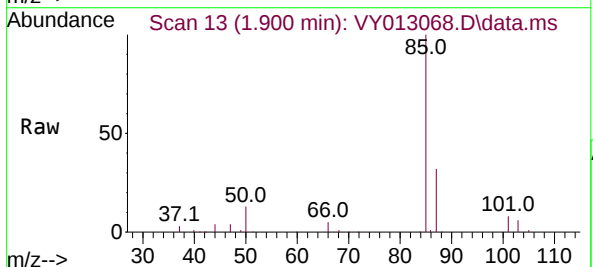
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 112610
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 44.789 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 85 Resp: 49713
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.0

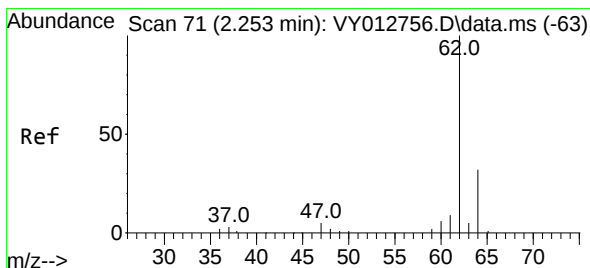
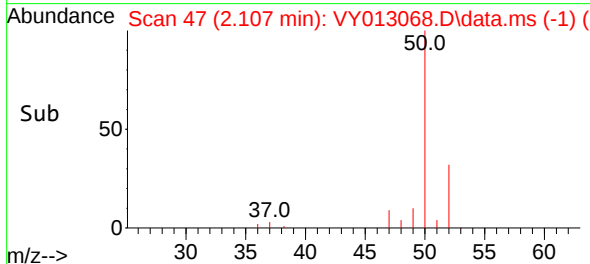
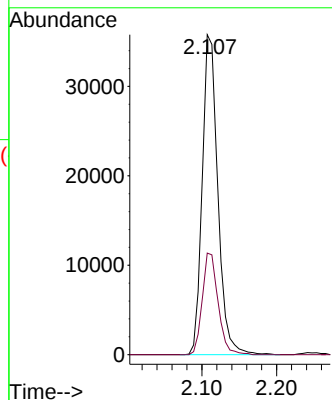
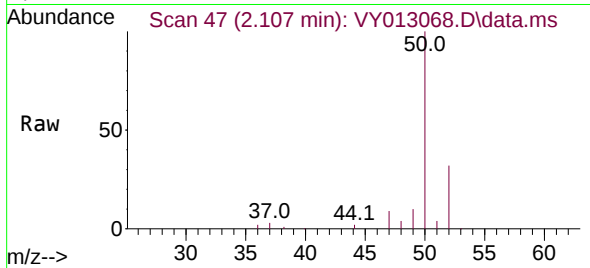




#3
Chloromethane
Concen: 39.077 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

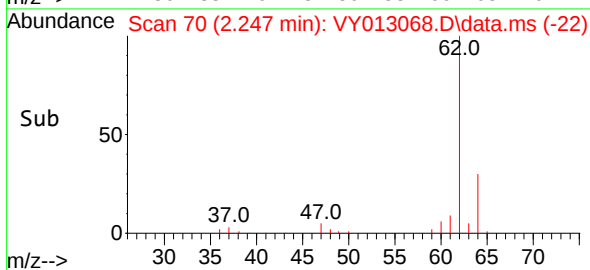
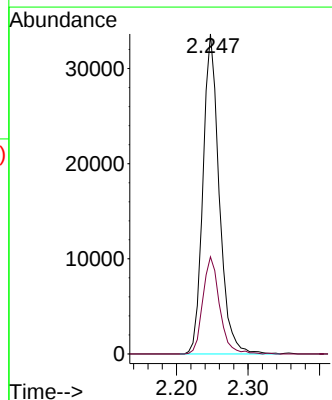
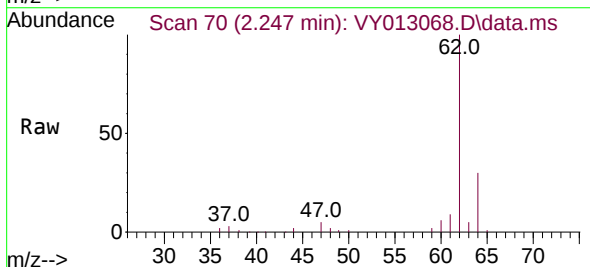
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

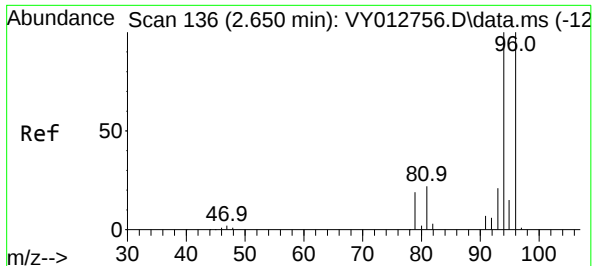
Tgt Ion: 50 Resp: 51853
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 43.659 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 62 Resp: 53124
Ion Ratio Lower Upper
62 100
64 30.4 25.6 38.4





#5

Bromomethane

Concen: 47.245 ug/l

RT: 2.638 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

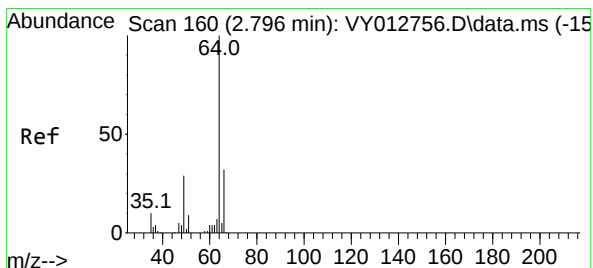
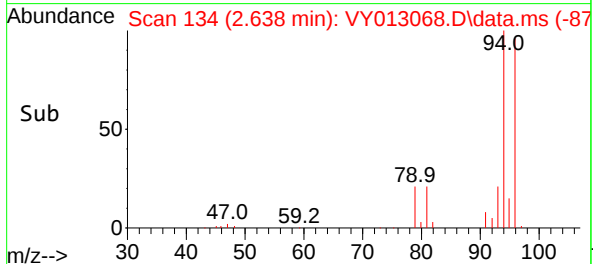
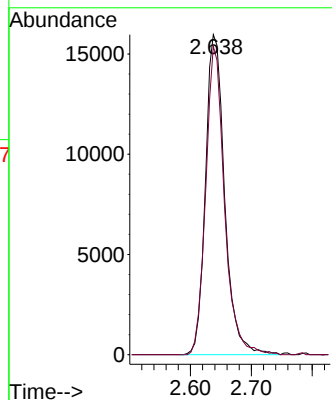
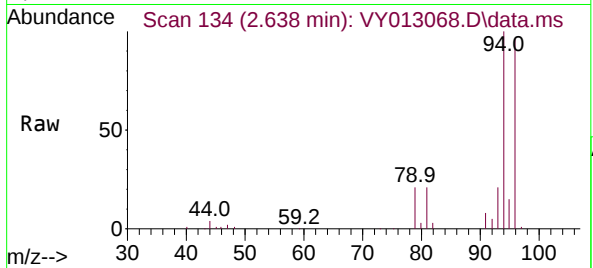
VSTDCCC050EC

Tgt Ion: 94 Resp: 34931

Ion Ratio Lower Upper

94 100

96 96.3 80.3 120.5



#6

Chloroethane

Concen: 46.749 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY013068.D

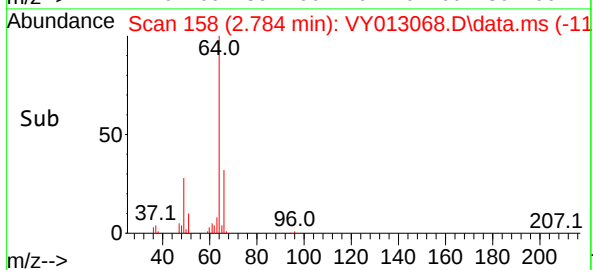
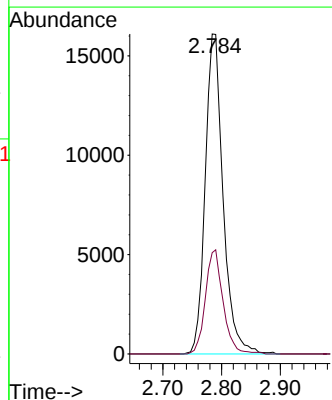
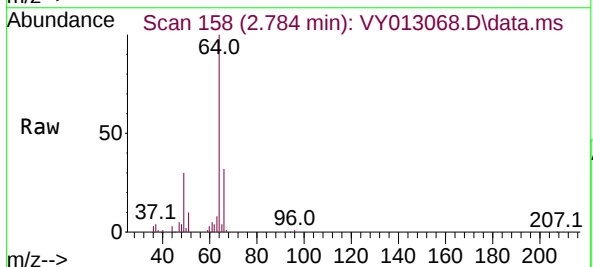
Acq: 23 Mar 2023 18:22

Tgt Ion: 64 Resp: 34067

Ion Ratio Lower Upper

64 100

66 31.6 25.7 38.5

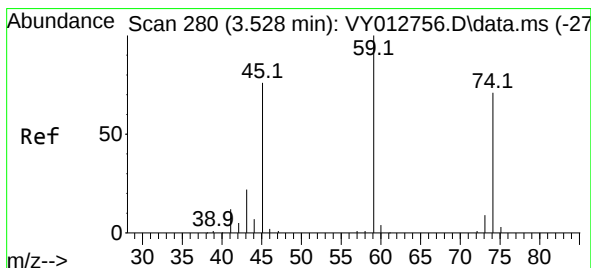
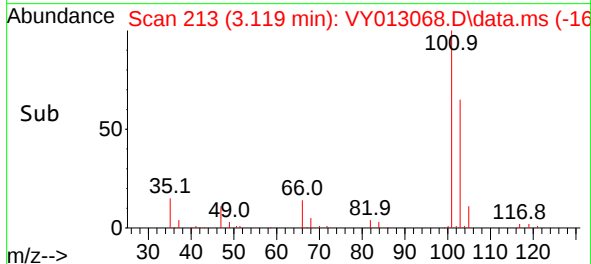
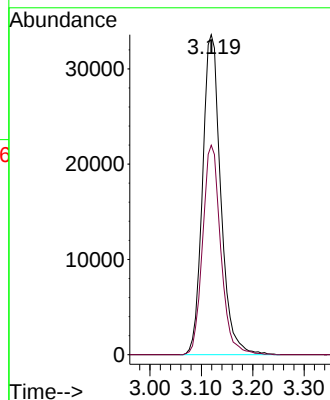
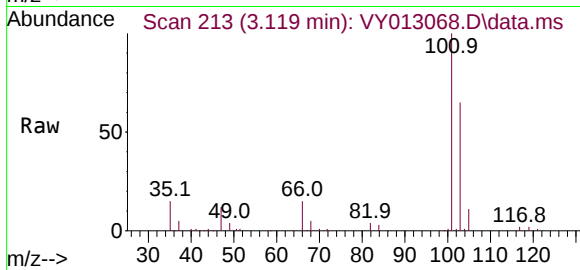




#7
 Trichlorofluoromethane
 Concen: 40.967 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

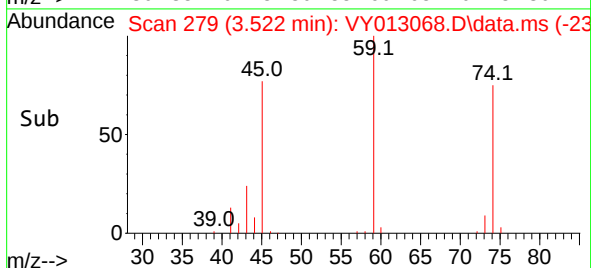
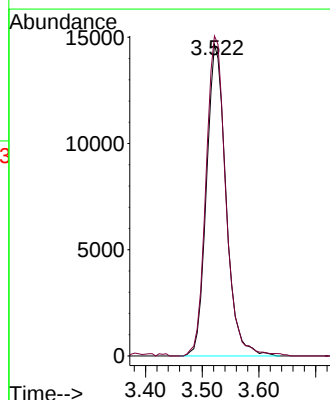
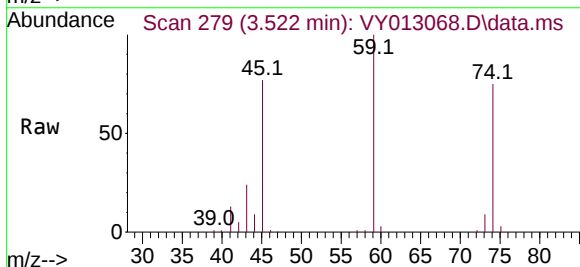
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 82792
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.421 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

Tgt Ion: 74 Resp: 35000
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.1 156.4

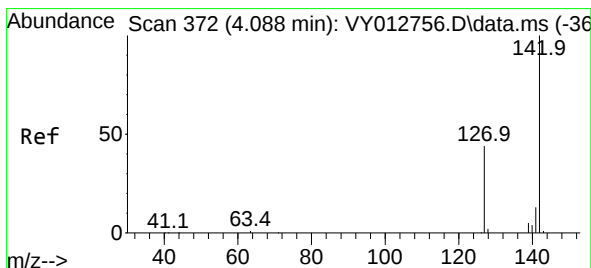
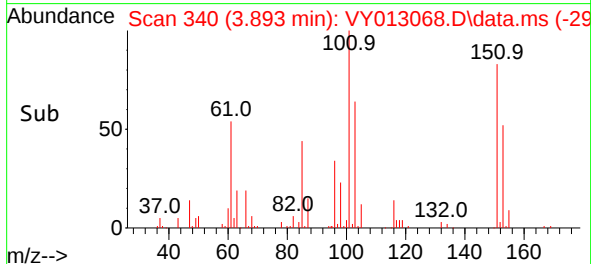
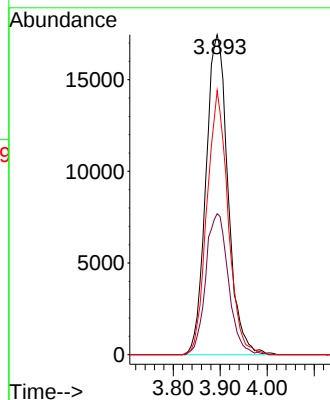
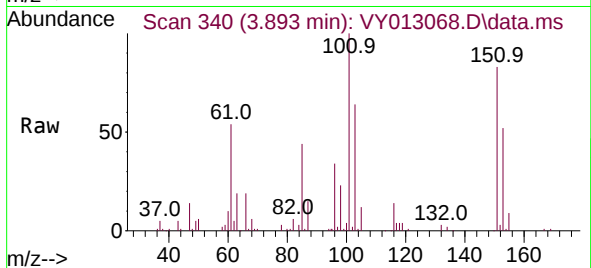




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.740 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

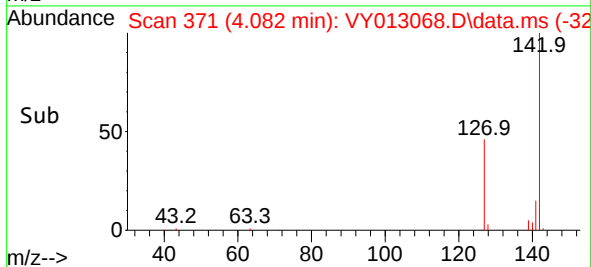
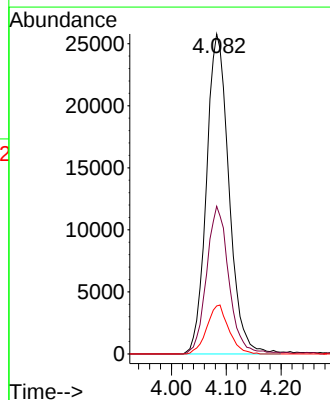
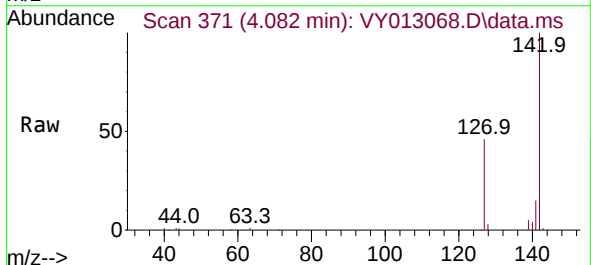
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 56830
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 79.1 63.1 94.7



#10
Methyl Iodide
Concen: 46.341 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:142 Resp: 73416
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.2
141 14.8 11.3 16.9





#11

Tert butyl alcohol

Concen: 275.663 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

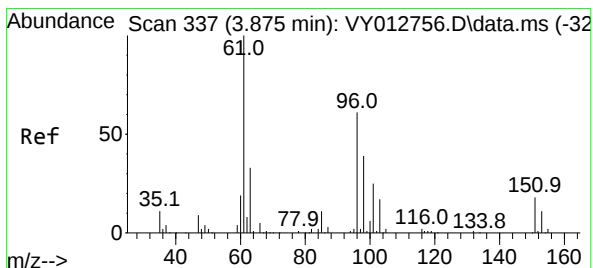
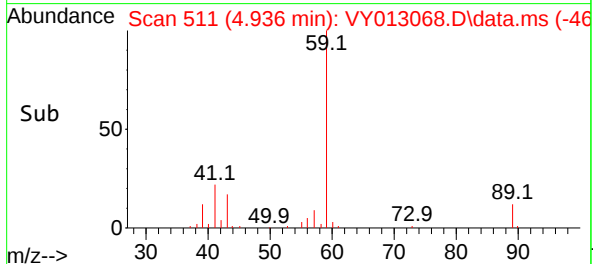
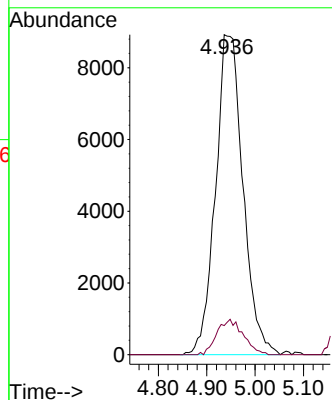
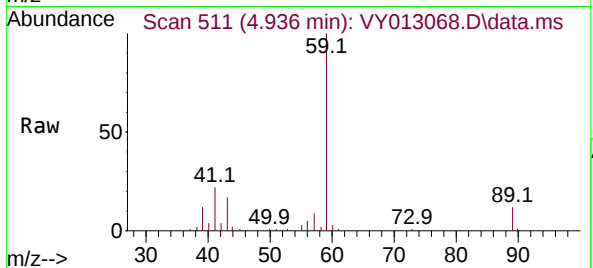
VSTDCCC050EC

Tgt Ion: 59 Resp: 35179

Ion Ratio Lower Upper

59 100

57 10.6 7.7 11.5



#12

1,1-Dichloroethene

Concen: 46.361 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

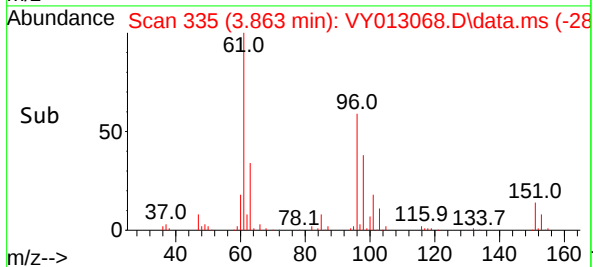
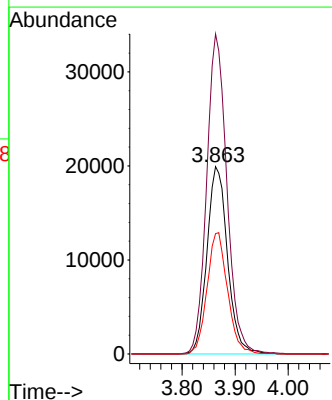
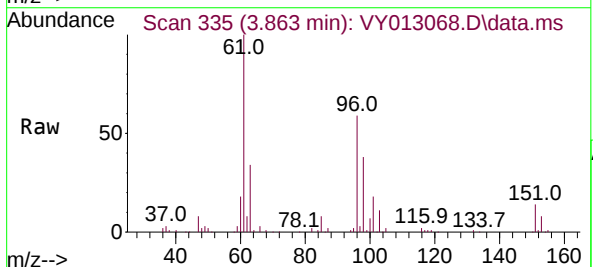
Tgt Ion: 96 Resp: 53762

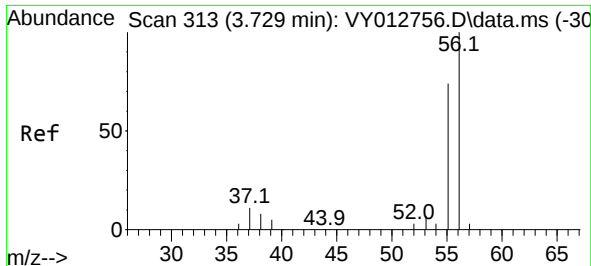
Ion Ratio Lower Upper

96 100

61 170.7 131.7 197.5

98 64.2 52.0 78.0





#13

Acrolein

Concen: 176.476 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

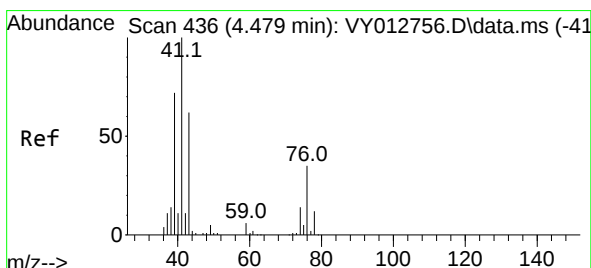
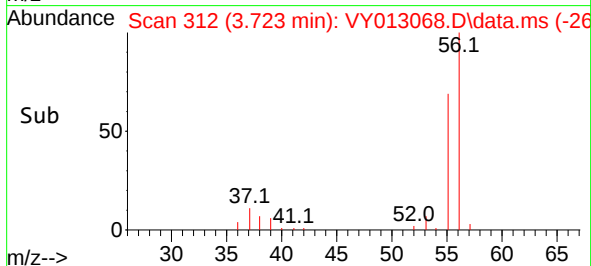
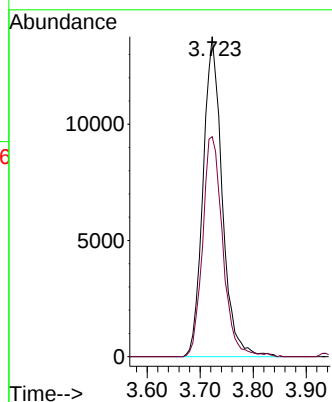
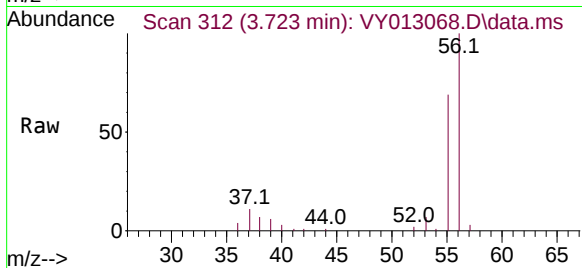
VSTDCCC050EC

Tgt Ion: 56 Resp: 34569

Ion Ratio Lower Upper

56 100

55 72.2 56.8 85.2



#14

Allyl chloride

Concen: 47.416 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

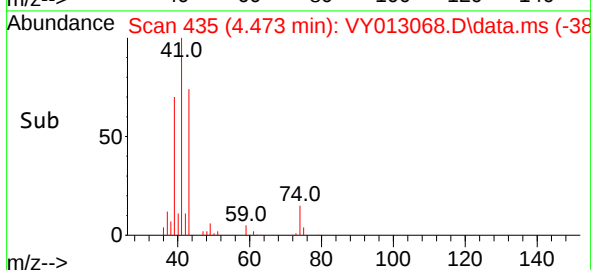
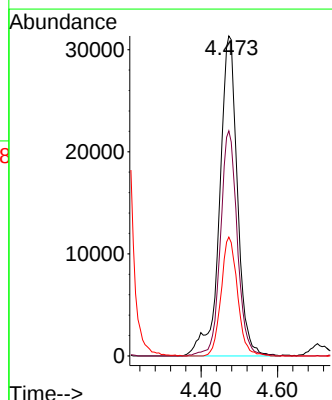
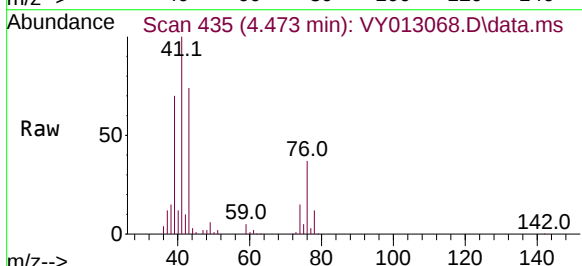
Tgt Ion: 41 Resp: 101568

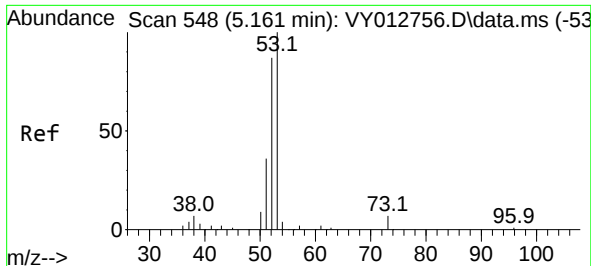
Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 34.2 27.2 40.8





#15

Acrylonitrile

Concen: 271.095 ug/l

RT: 5.149 min Scan# 548

Delta R.T. -0.012 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

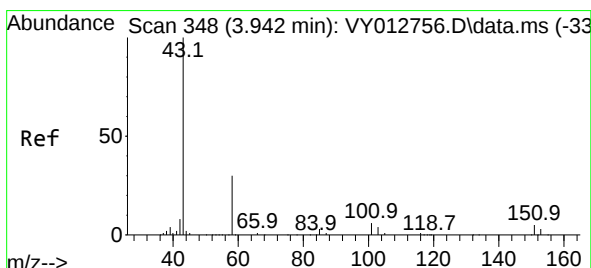
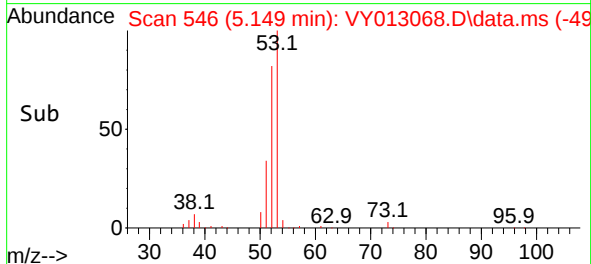
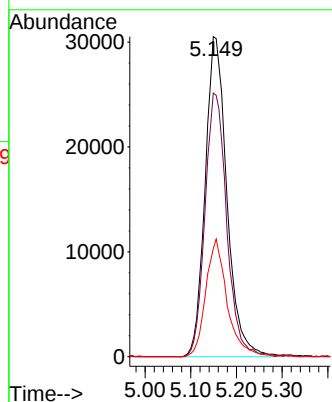
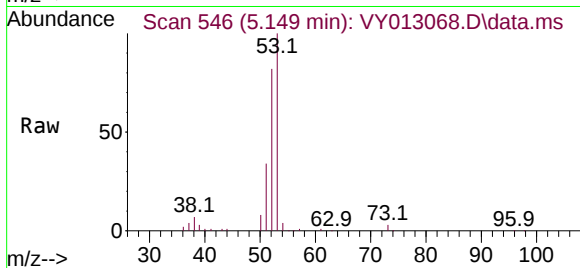
Tgt Ion: 53 Resp: 101160

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

51 36.0 28.8 43.2



#16

Acetone

Concen: 248.244 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY013068.D

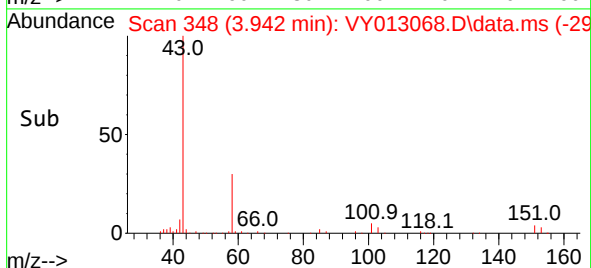
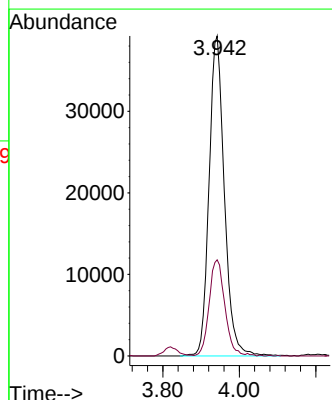
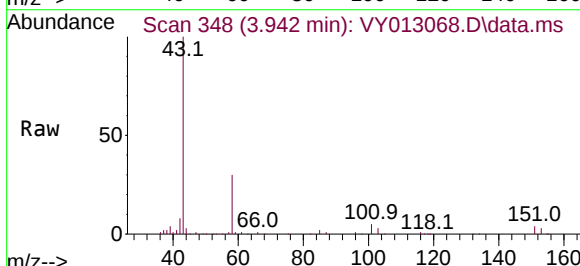
Acq: 23 Mar 2023 18:22

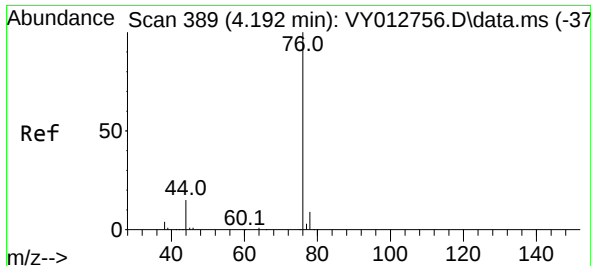
Tgt Ion: 43 Resp: 108942

Ion Ratio Lower Upper

43 100

58 30.1 24.2 36.2

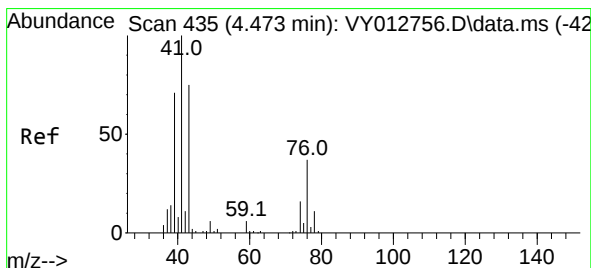
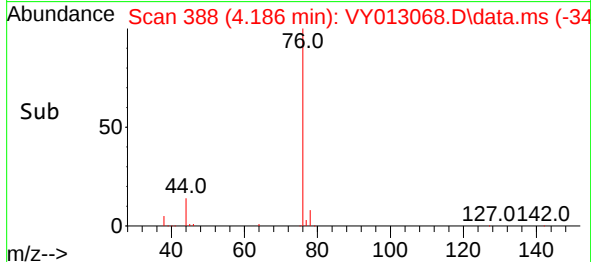
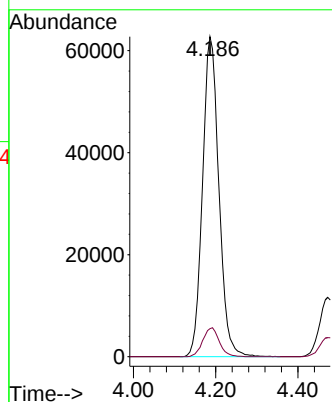
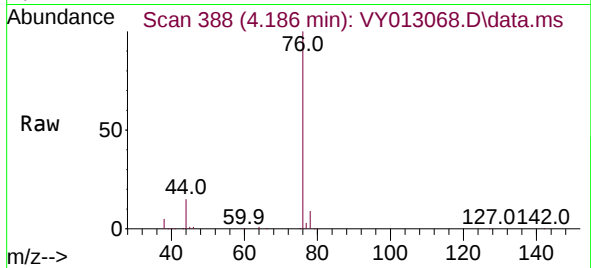




#17
Carbon Disulfide
Concen: 43.803 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

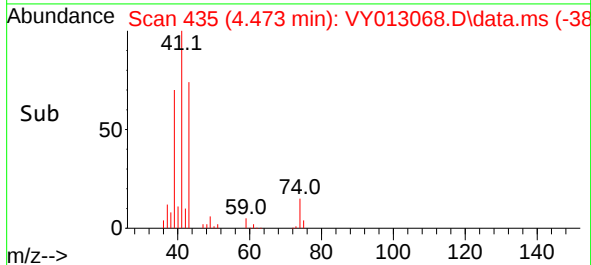
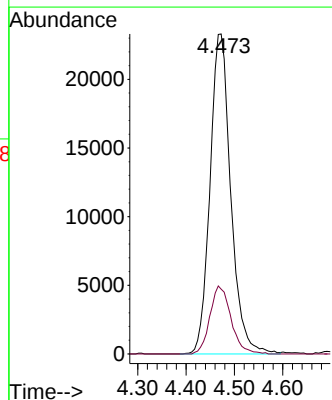
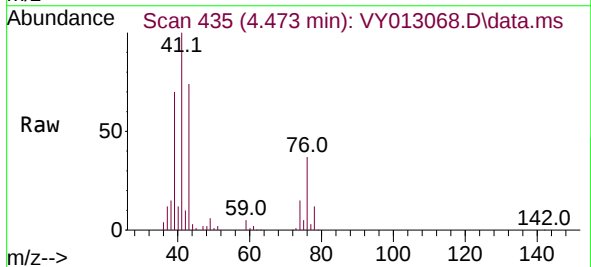
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

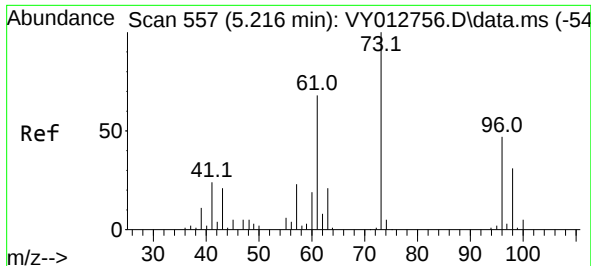
Tgt Ion: 76 Resp: 172898
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 53.195 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 43 Resp: 69520
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 53.060 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

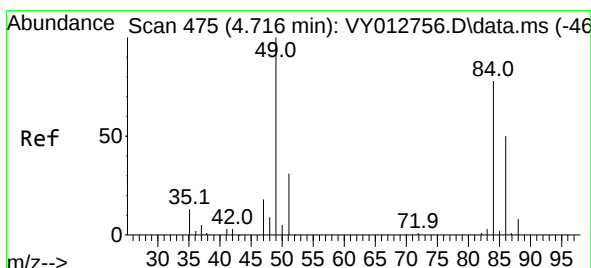
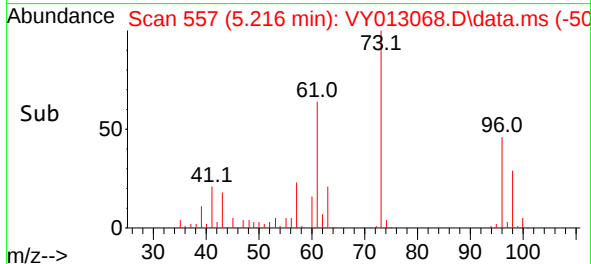
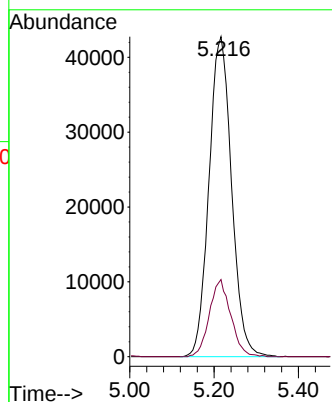
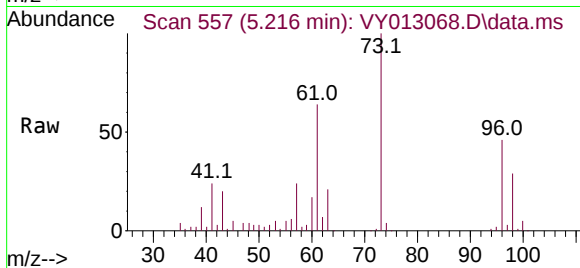
VSTDCCC050EC

Tgt Ion: 73 Resp: 158928

Ion Ratio Lower Upper

73 100

57 24.1 18.3 27.5



#20

Methylene Chloride

Concen: 52.483 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Tgt Ion: 84 Resp: 69926

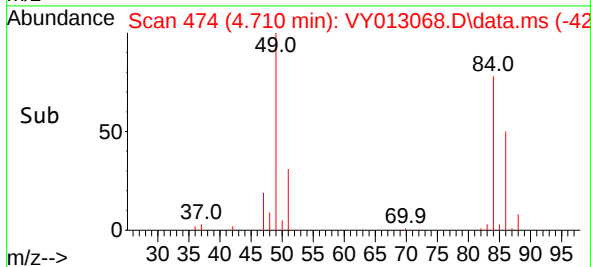
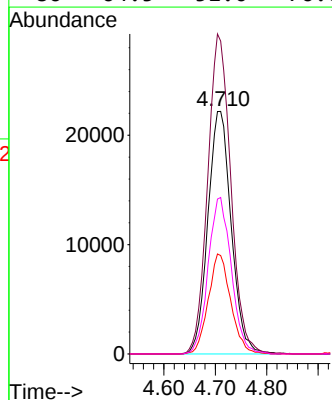
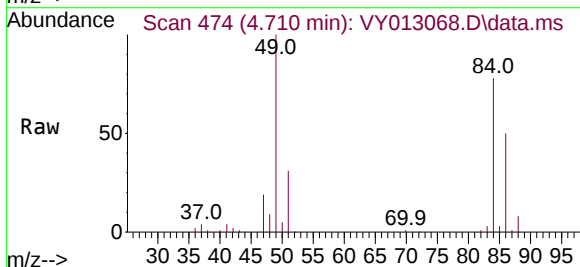
Ion Ratio Lower Upper

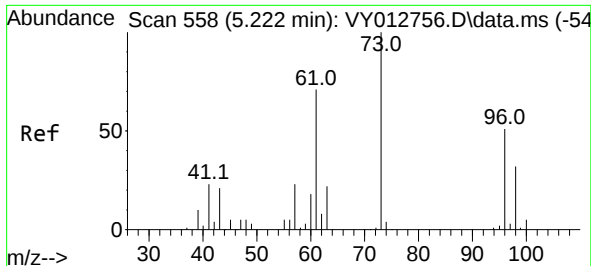
84 100

49 128.9 102.6 154.0

51 40.6 31.9 47.9

86 64.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.246 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

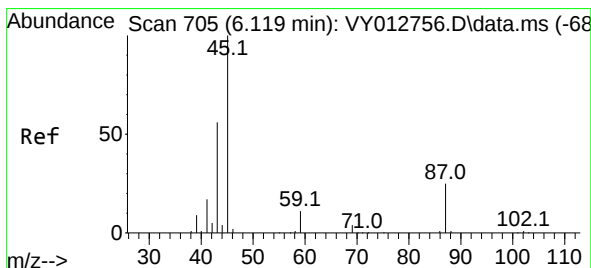
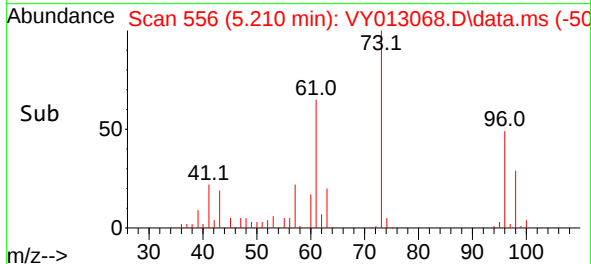
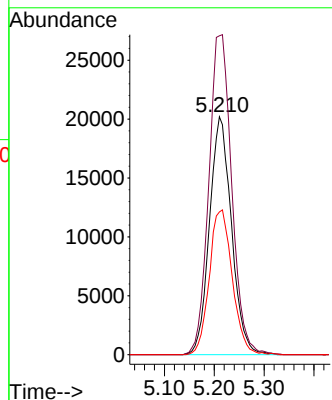
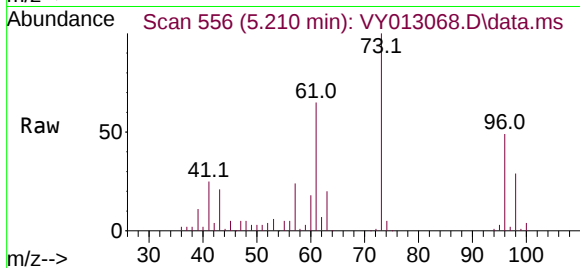
Tgt Ion: 96 Resp: 62059

Ion Ratio Lower Upper

96 100

61 134.1 111.4 167.0

98 60.0 50.8 76.2



#22

Diisopropyl ether

Concen: 53.780 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.013 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Tgt Ion: 45 Resp: 209236

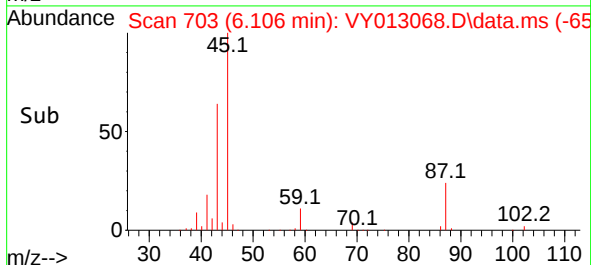
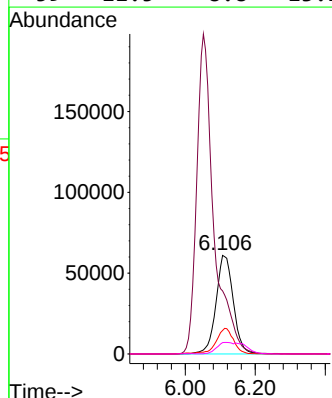
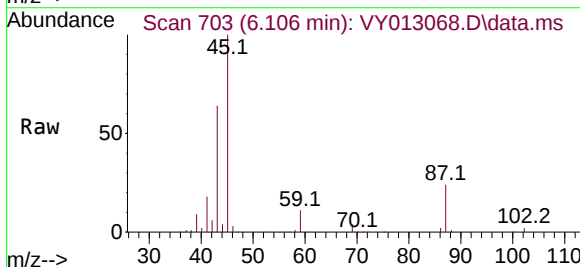
Ion Ratio Lower Upper

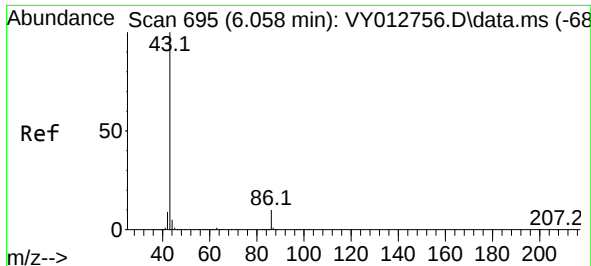
45 100

43 63.6 45.0 67.6

87 23.8 20.3 30.5

59 11.5 8.8 13.2

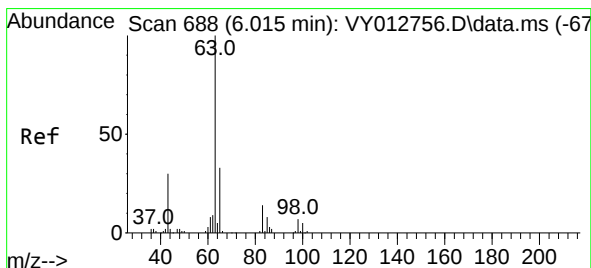
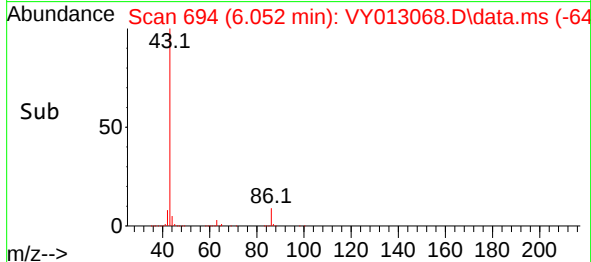
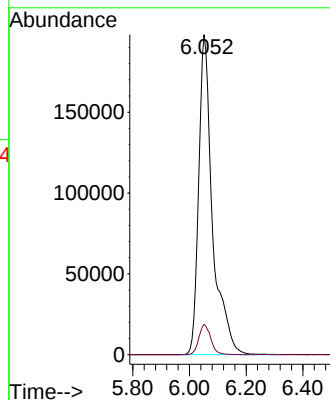
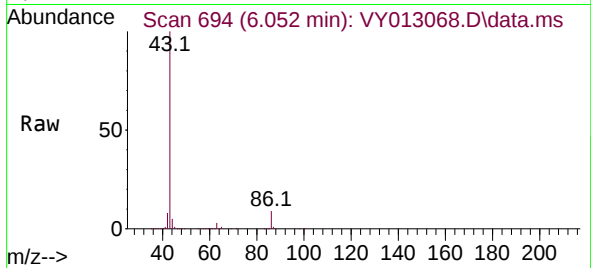




#23
 Vinyl Acetate
 Concen: 276.745 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

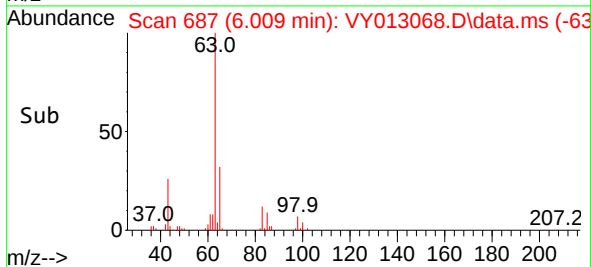
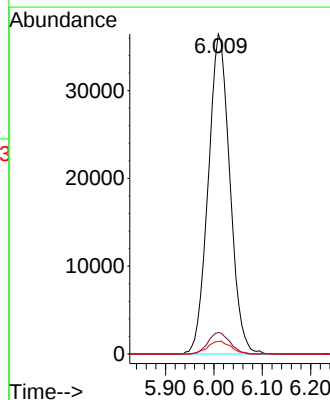
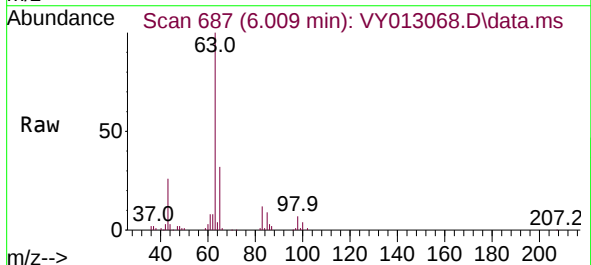
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

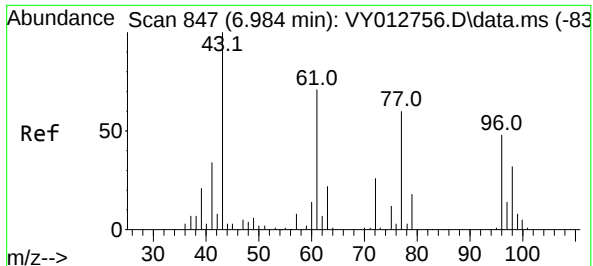
Tgt Ion: 43 Resp: 669002
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.083 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

Tgt Ion: 63 Resp: 113251
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 276.475 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

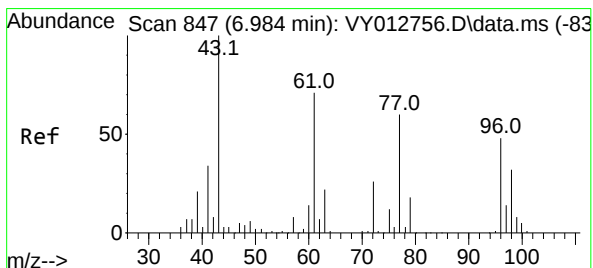
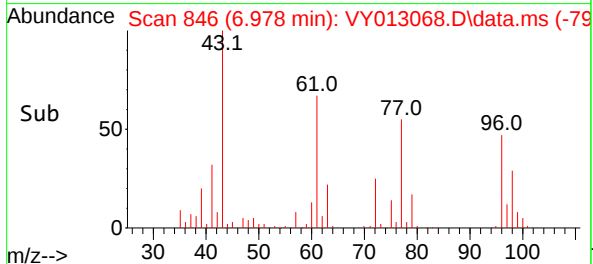
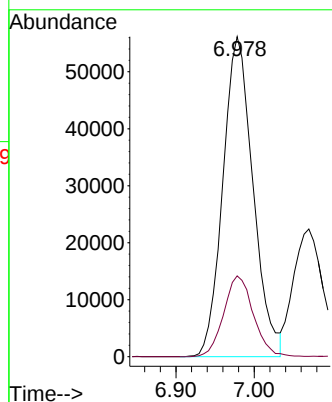
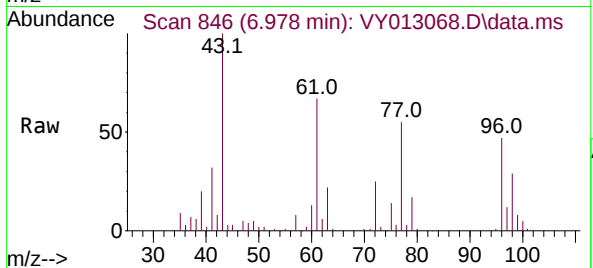
VSTDCCC050EC

Tgt Ion: 43 Resp: 150279

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.193 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013068.D

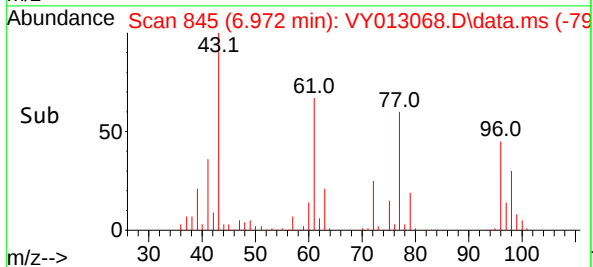
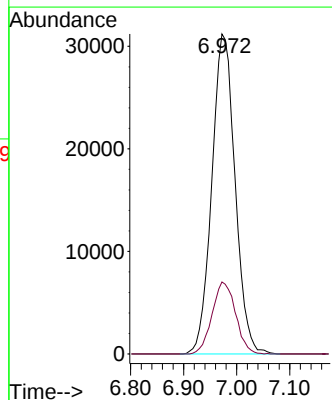
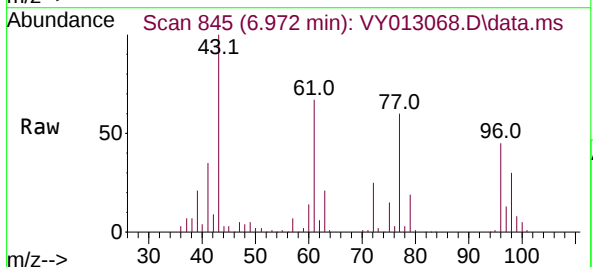
Acq: 23 Mar 2023 18:22

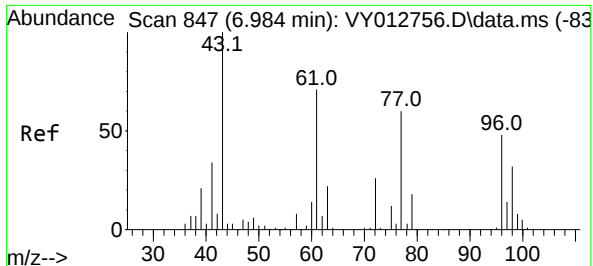
Tgt Ion: 77 Resp: 94894

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0

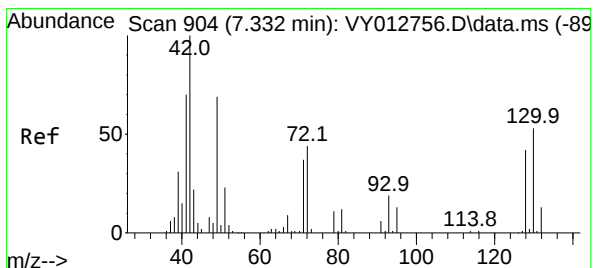
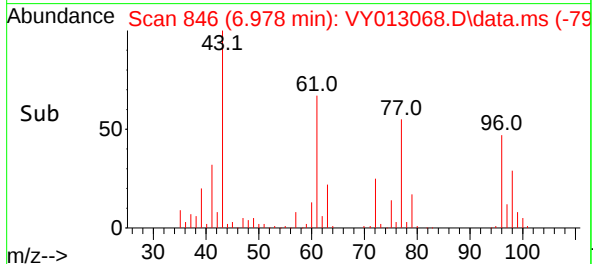
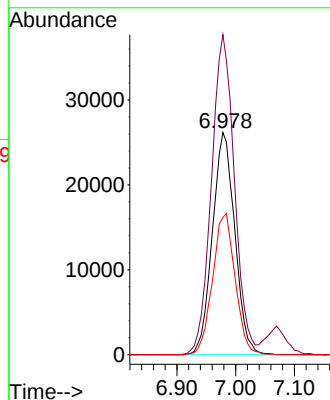
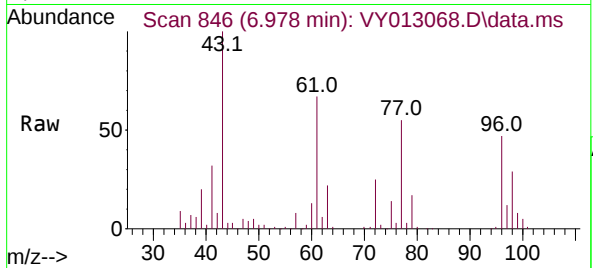




#27
 cis-1,2-Dichloroethene
 Concen: 51.342 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

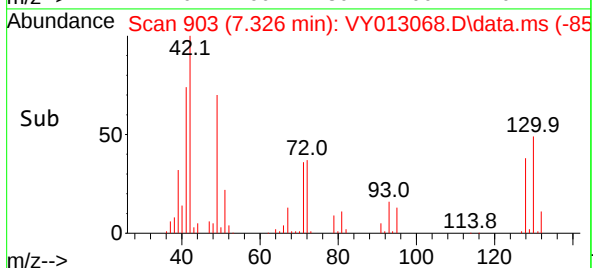
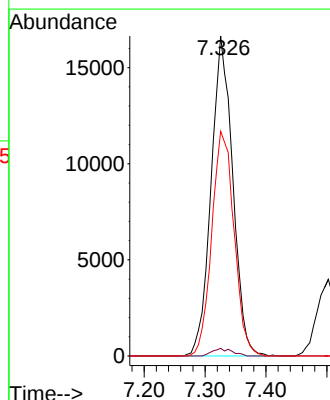
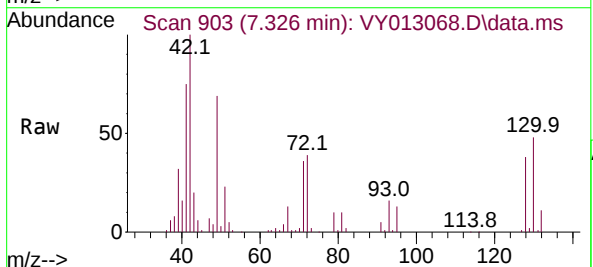
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 69367
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 295.8
 98 63.8 0.0 130.2



#28
 Bromochloromethane
 Concen: 50.590 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

Tgt Ion: 49 Resp: 40987
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 72.4 60.5 90.7





#29

Tetrahydrofuran

Concen: 288.617 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

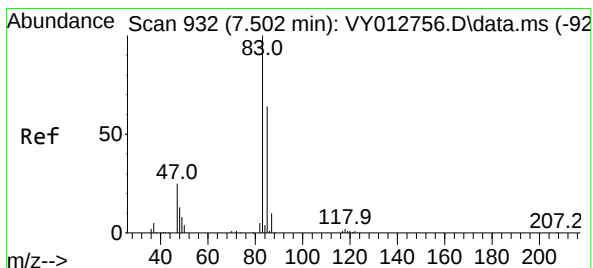
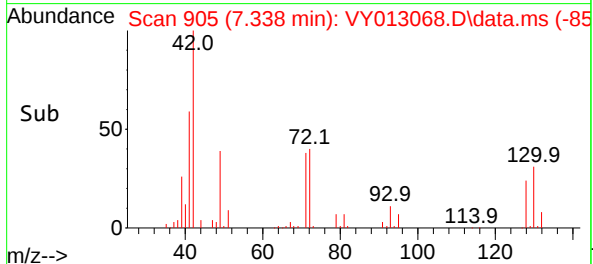
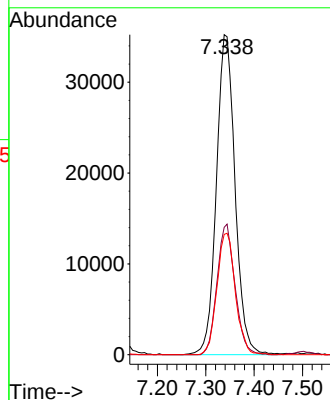
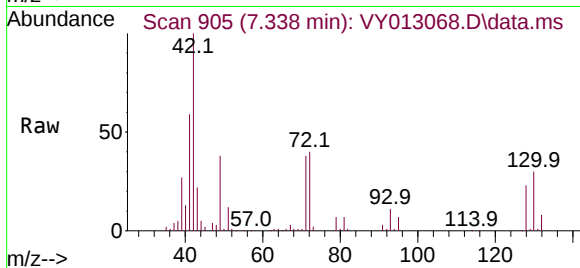
Tgt Ion: 42 Resp: 94617

Ion Ratio Lower Upper

42 100

72 39.2 32.3 48.5

71 37.5 30.3 45.5



#30

Chloroform

Concen: 51.899 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013068.D

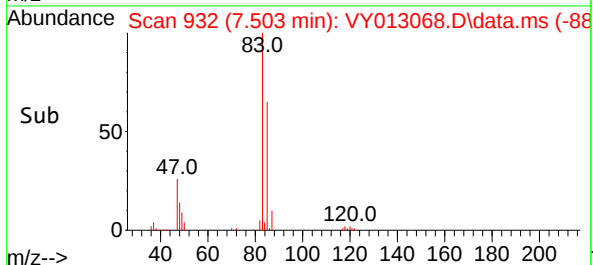
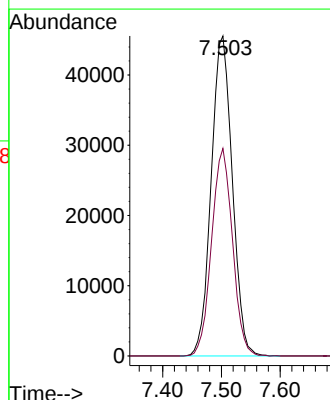
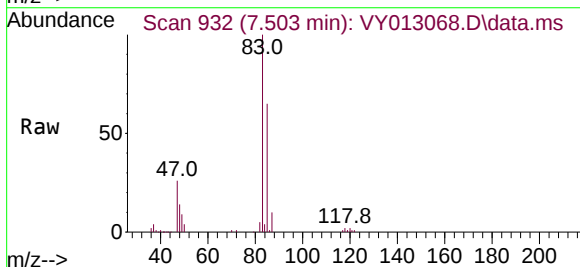
Acq: 23 Mar 2023 18:22

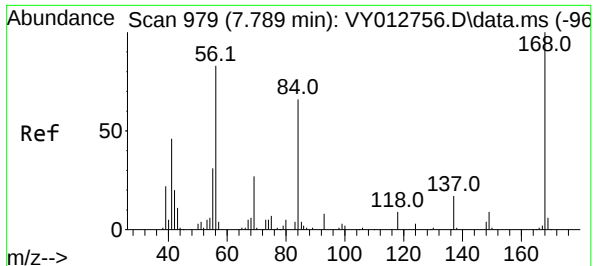
Tgt Ion: 83 Resp: 113650

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

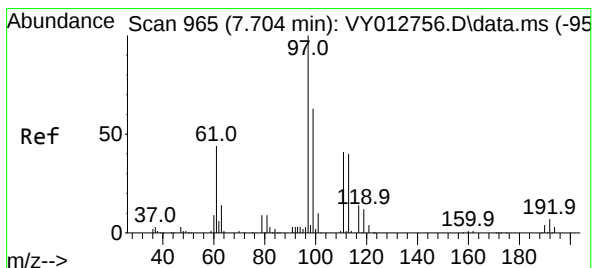
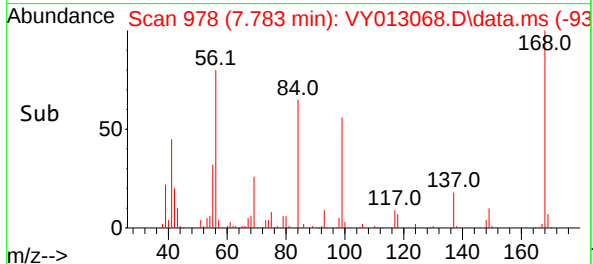
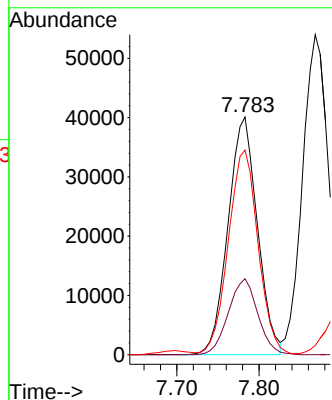
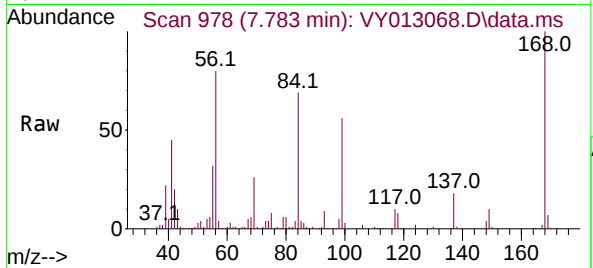




#31
Cyclohexane
Concen: 46.518 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

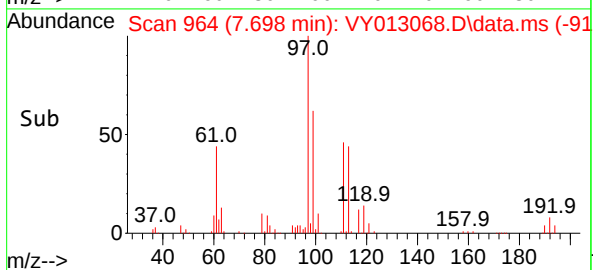
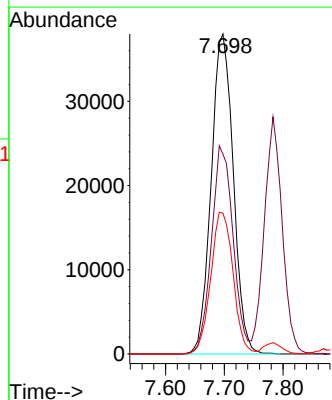
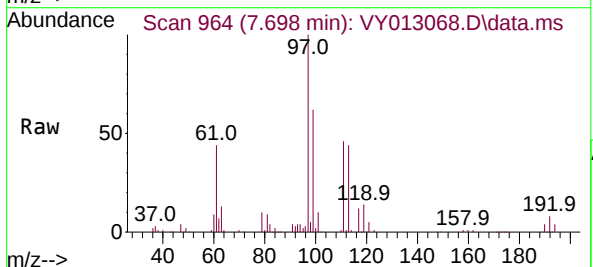
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

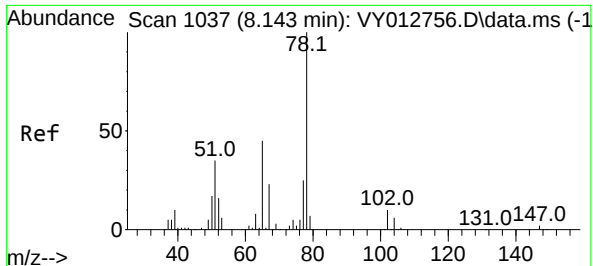
Tgt Ion: 56 Resp: 99610
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 84.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 50.168 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 97 Resp: 99350
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 44.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 55.454 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

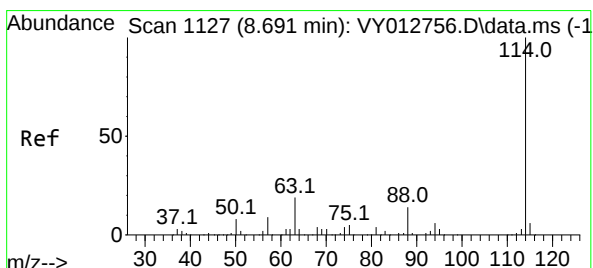
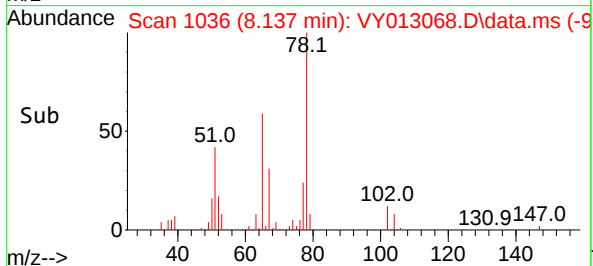
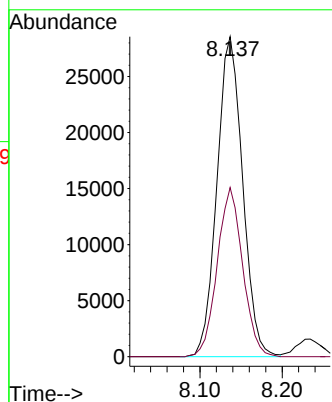
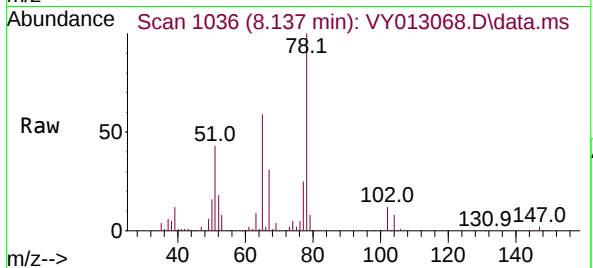
VSTDCCC050EC

Tgt Ion: 65 Resp: 62001

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

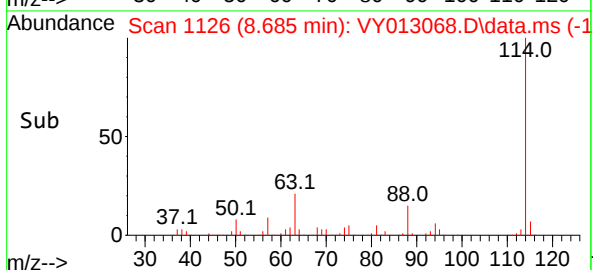
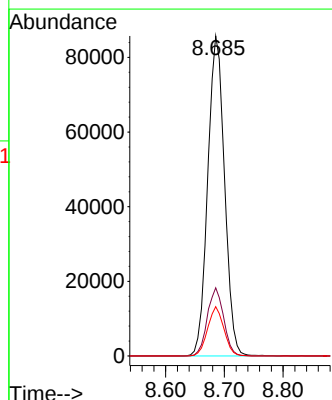
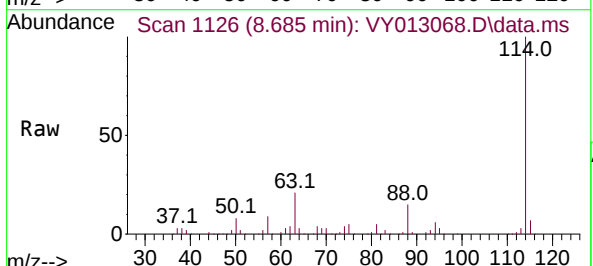
Tgt Ion: 114 Resp: 170409

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.4 0.0 28.6

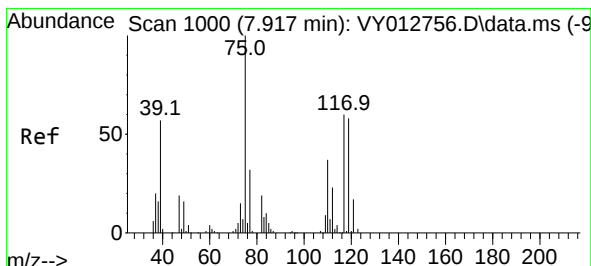
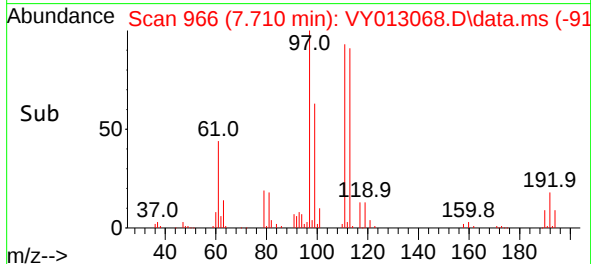
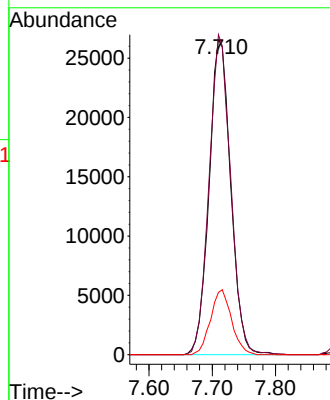
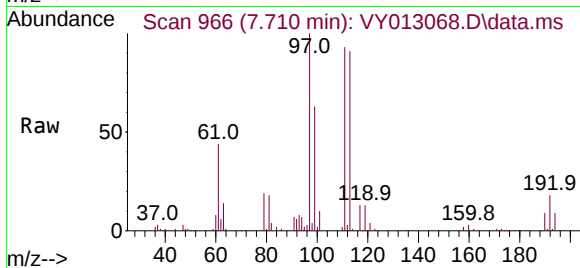




#35
Dibromofluoromethane
Concen: 61.240 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

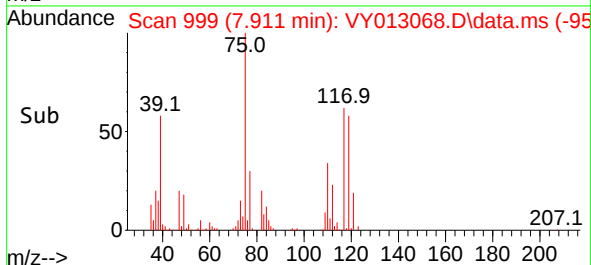
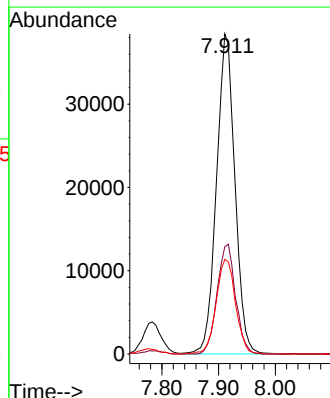
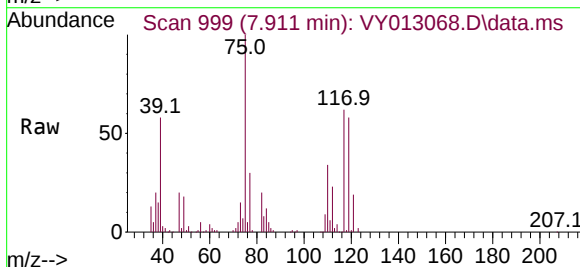
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

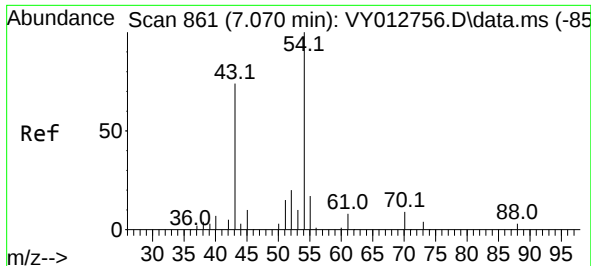
Tgt Ion:113 Resp: 62980
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 20.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.416 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 75 Resp: 86887
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 55.392 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

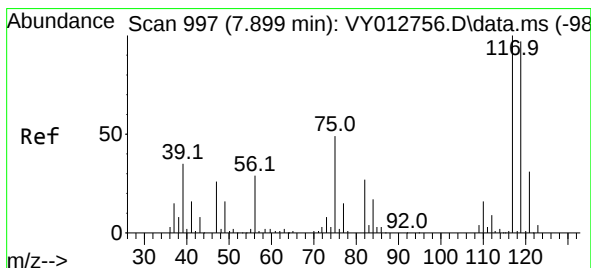
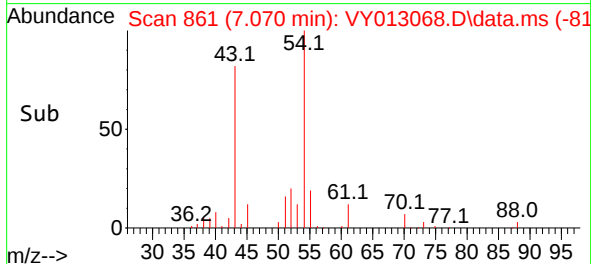
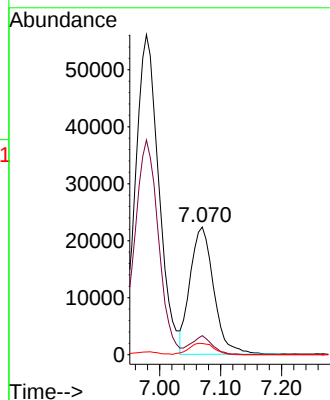
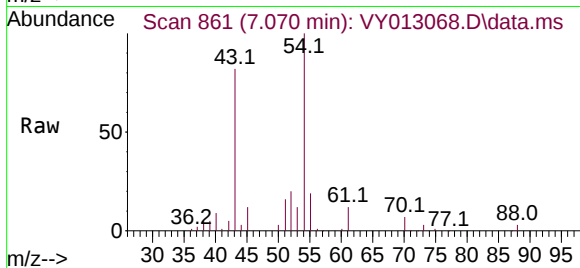
Tgt Ion: 43 Resp: 60168

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.547 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

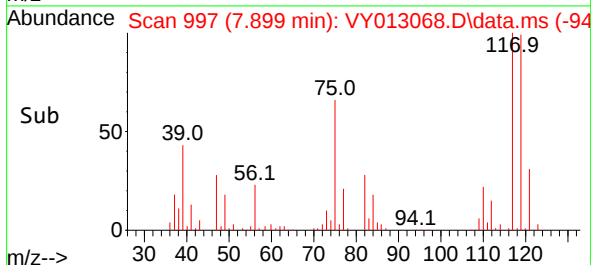
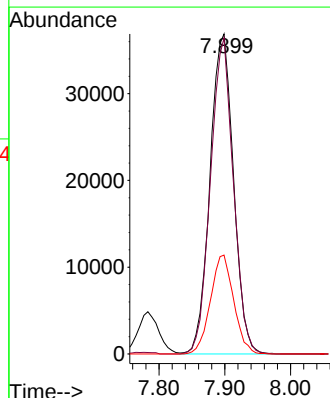
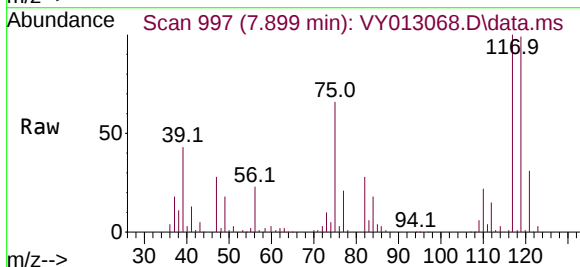
Tgt Ion: 117 Resp: 91738

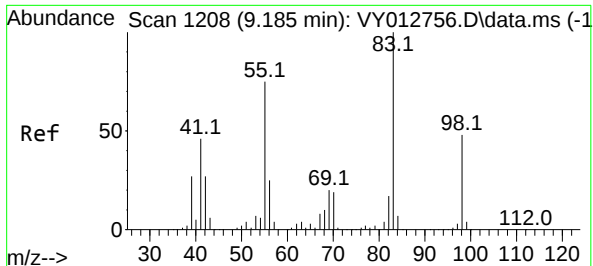
Ion Ratio Lower Upper

117 100

119 98.7 77.2 115.8

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 50.076 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

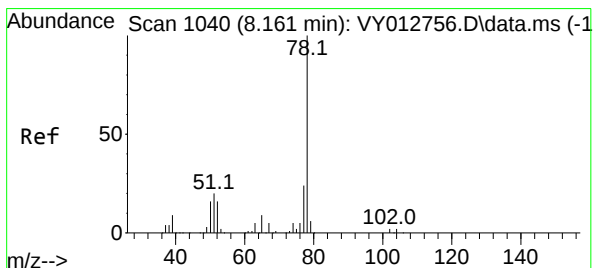
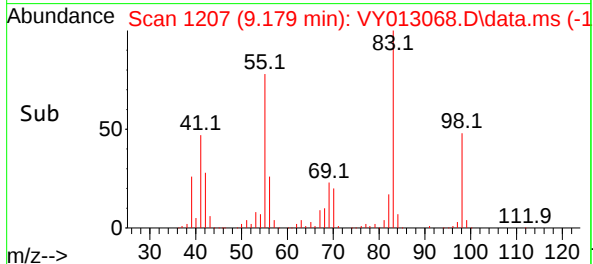
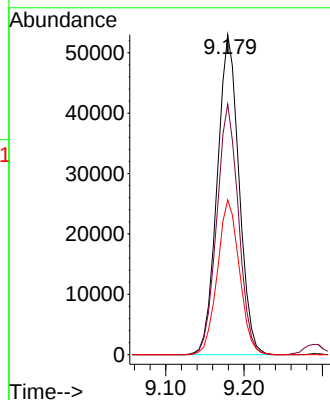
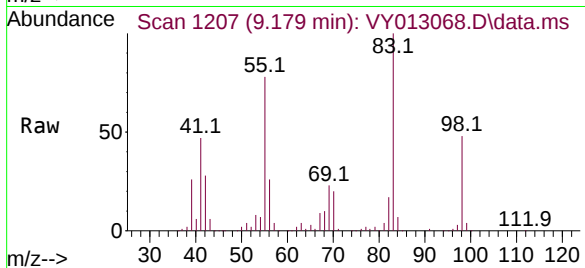
Tgt Ion: 83 Resp: 102602

Ion Ratio Lower Upper

83 100

55 78.3 60.0 90.0

98 48.4 38.3 57.5



#40

Benzene

Concen: 51.273 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013068.D

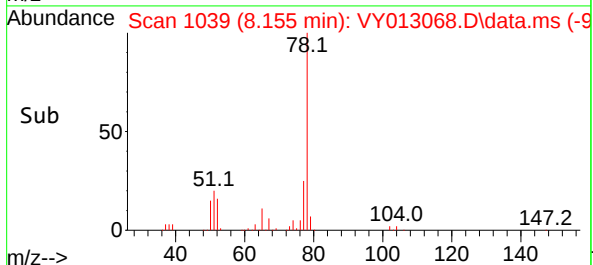
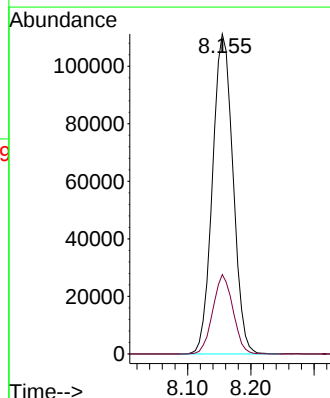
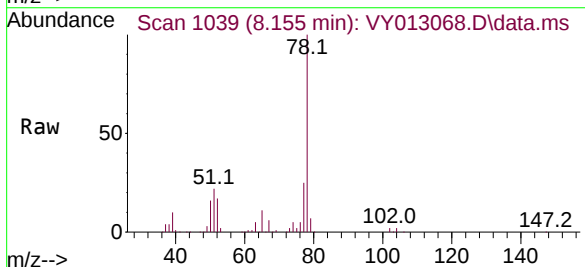
Acq: 23 Mar 2023 18:22

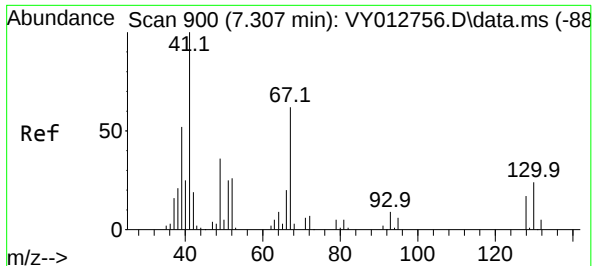
Tgt Ion: 78 Resp: 249955

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

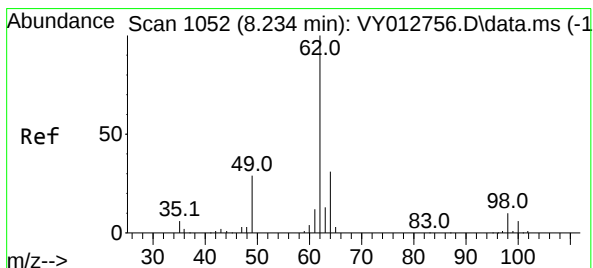
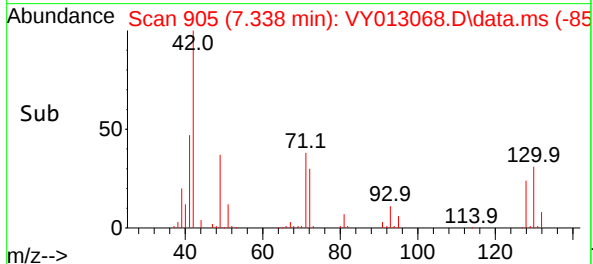
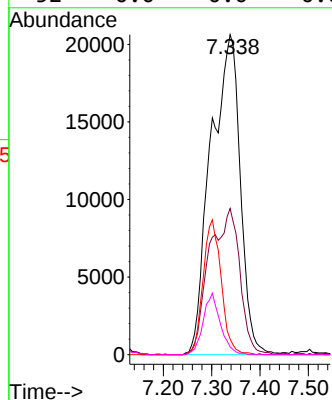
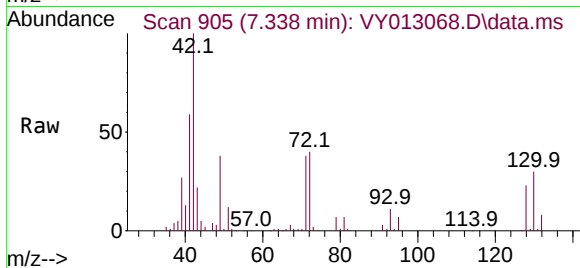




#41
Methacrylonitrile
Concen: 148.721 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

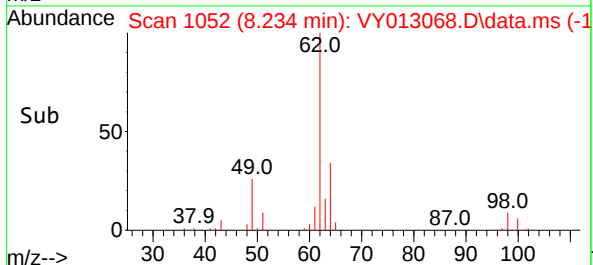
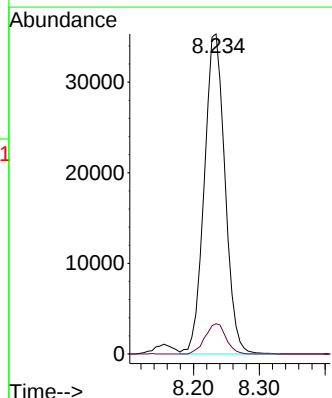
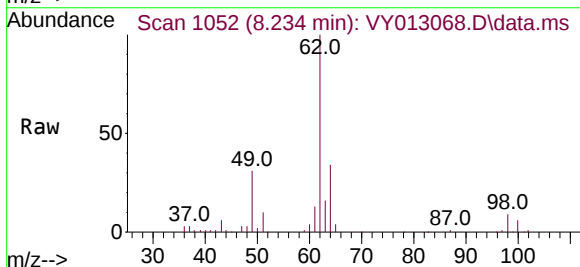
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

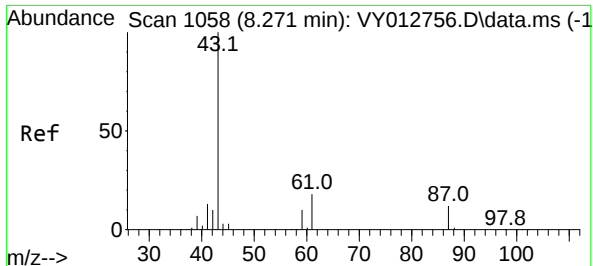
Tgt Ion:	41	Resp:	87036
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.756 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:	62	Resp:	77322
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

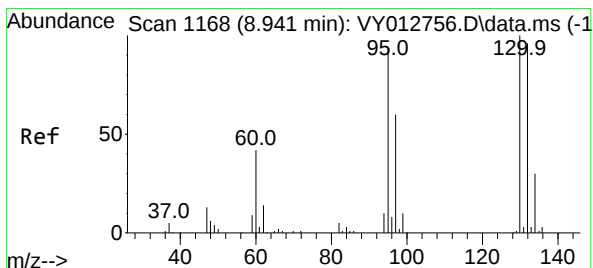
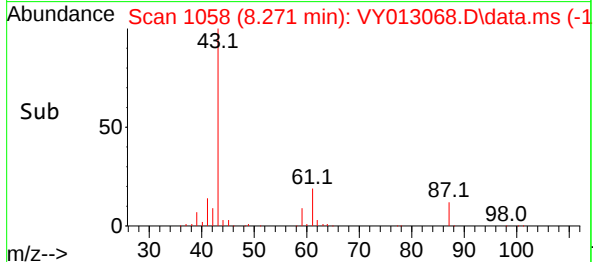
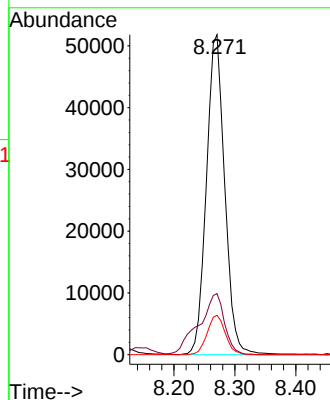
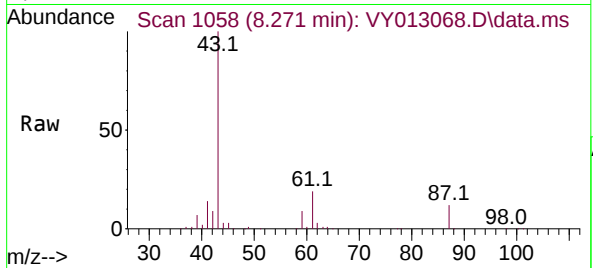




#43
Isopropyl Acetate
Concen: 55.808 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

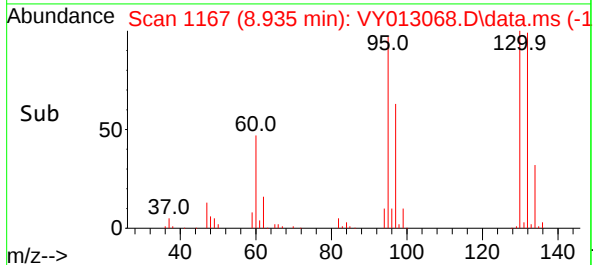
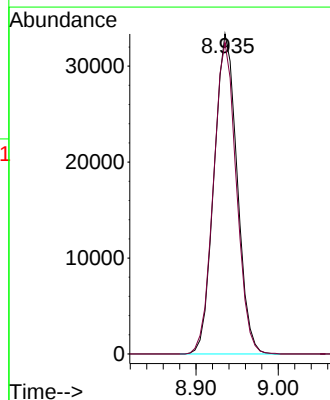
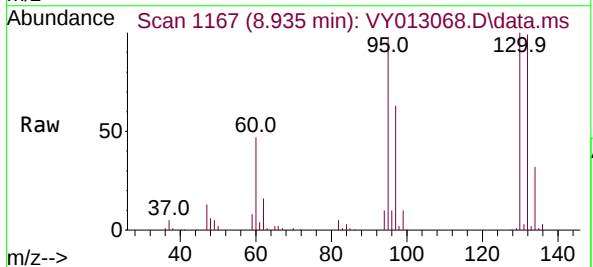
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

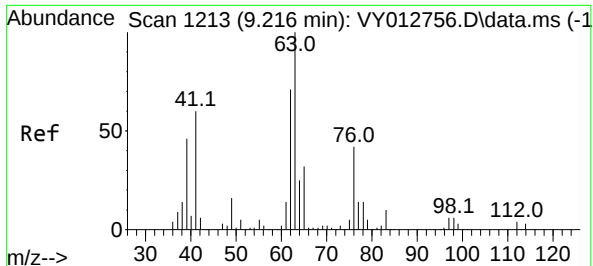
Tgt Ion: 43 Resp: 108155
Ion Ratio Lower Upper
43 100
61 26.8 21.6 32.4
87 12.2 9.9 14.9



#44
Trichloroethene
Concen: 50.569 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:130 Resp: 64997
Ion Ratio Lower Upper
130 100
95 97.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 52.850 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

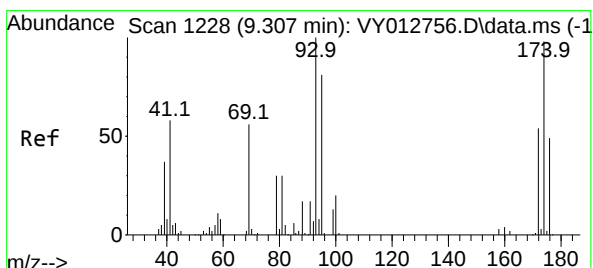
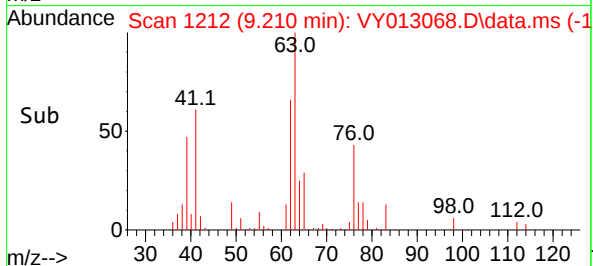
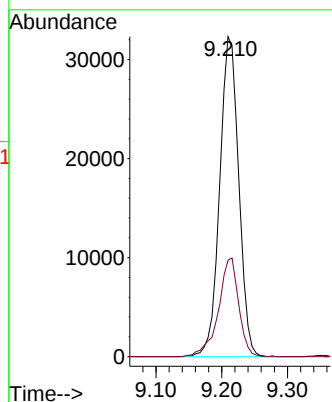
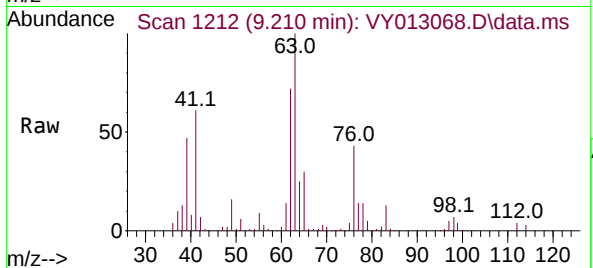
VSTDCCC050EC

Tgt Ion: 63 Resp: 65114

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 54.134 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

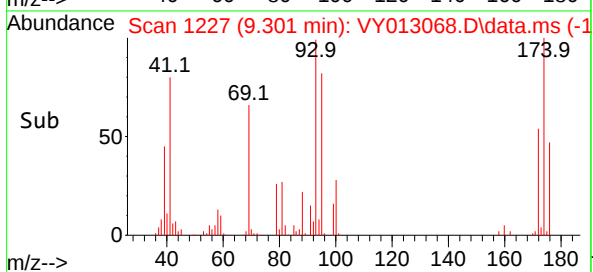
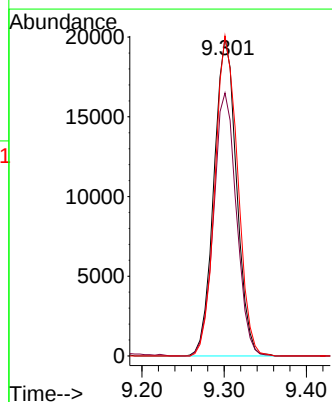
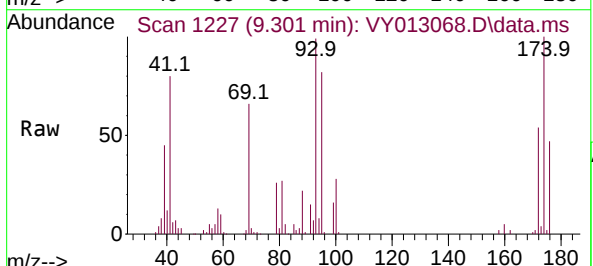
Tgt Ion: 93 Resp: 37997

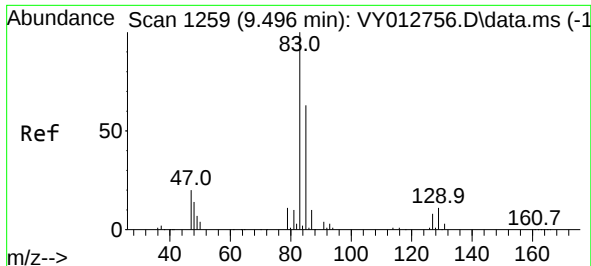
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 101.4 81.3 121.9

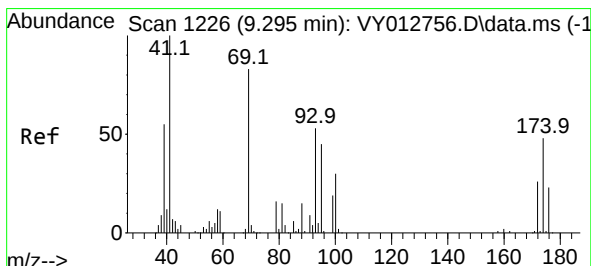
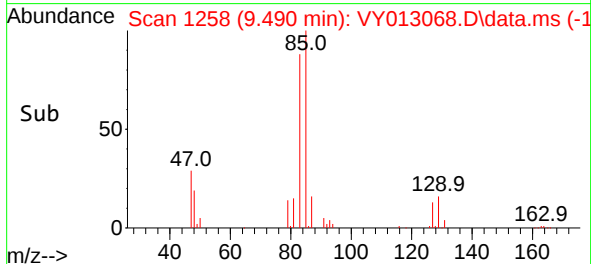
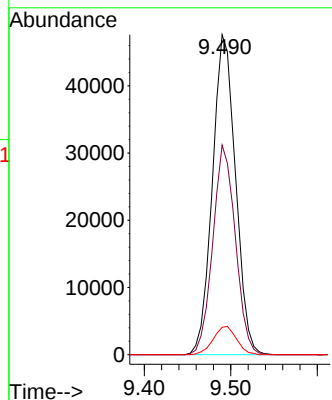
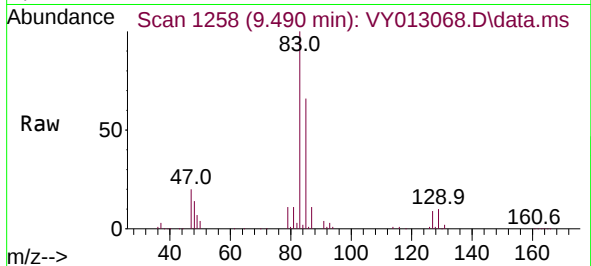




#47
Bromodichloromethane
Concen: 53.356 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

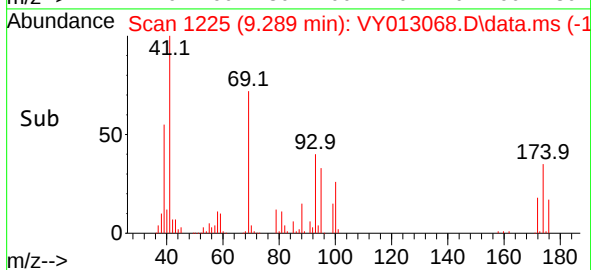
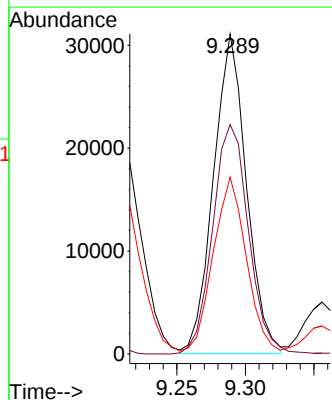
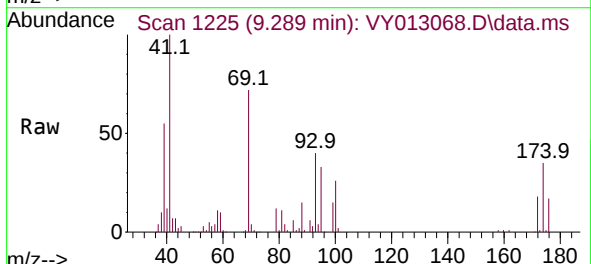
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

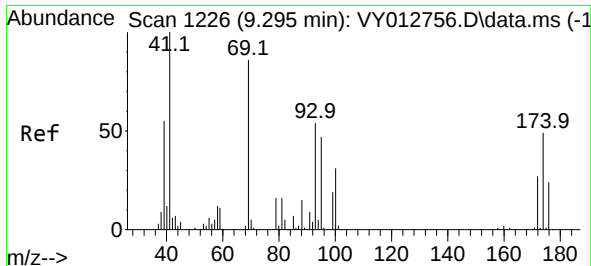
Tgt Ion: 83	Resp: 88253
Ion Ratio	Lower Upper
83 100	
85 65.5	50.2 75.4
127 8.5	6.3 9.5



#48
Methyl methacrylate
Concen: 58.212 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 41	Resp: 51981
Ion Ratio	Lower Upper
41 100	
69 78.2	64.1 96.1
39 54.1	44.0 66.0





#49

1,4-Dioxane

Concen: 1272.784 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

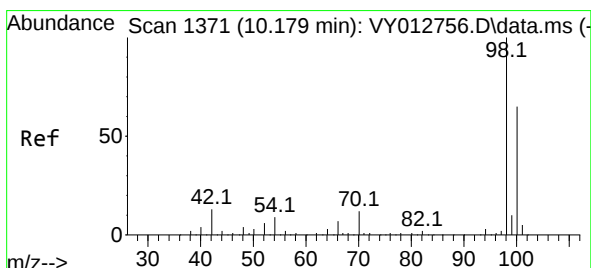
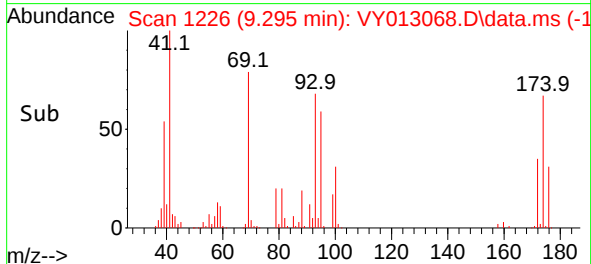
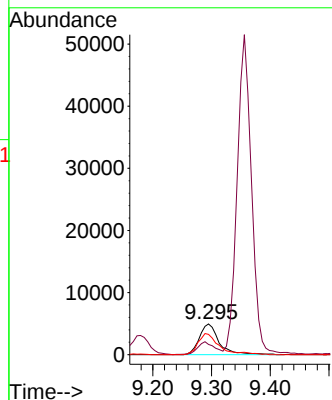
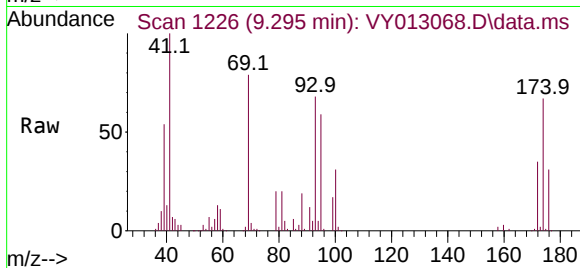
Tgt Ion: 88 Resp: 11549

Ion Ratio Lower Upper

88 100

43 36.9 28.6 42.8

58 67.9 55.2 82.8



#50

Toluene-d8

Concen: 51.779 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013068.D

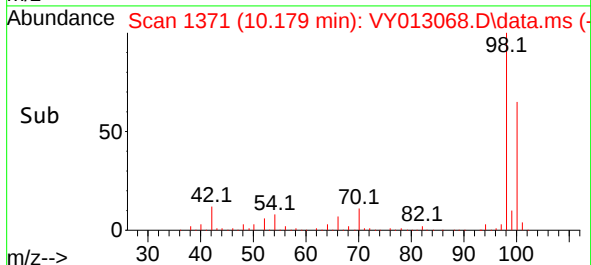
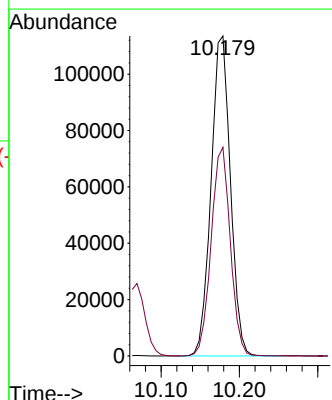
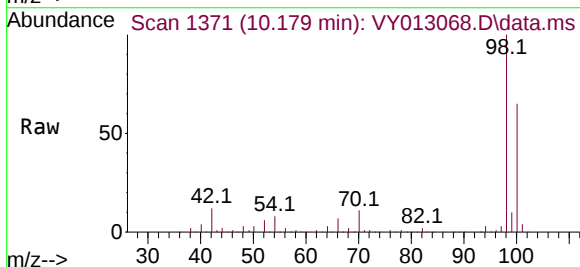
Acq: 23 Mar 2023 18:22

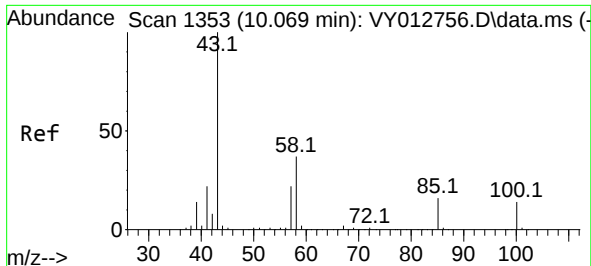
Tgt Ion: 98 Resp: 194674

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 294.654 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

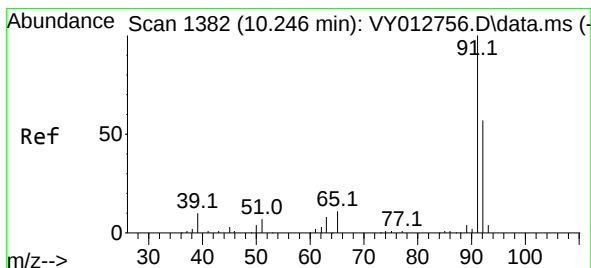
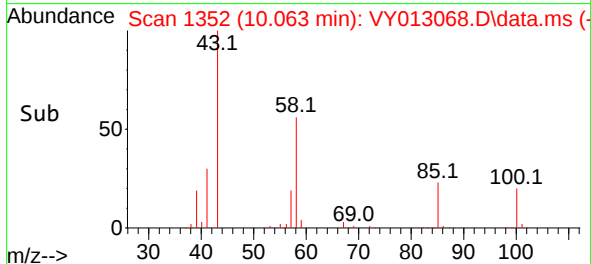
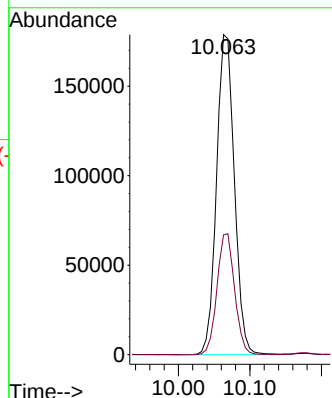
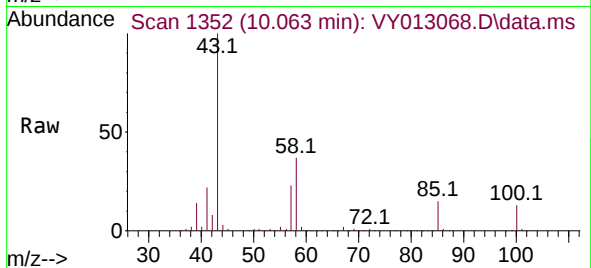
VSTDCCC050EC

Tgt Ion: 43 Resp: 309748

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6



#52

Toluene

Concen: 52.527 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013068.D

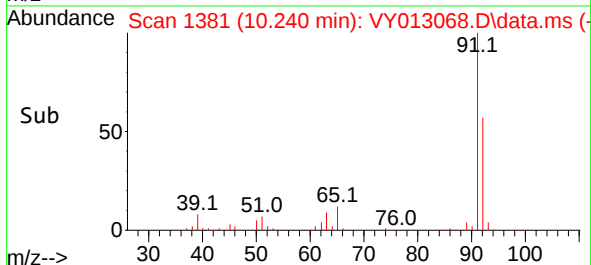
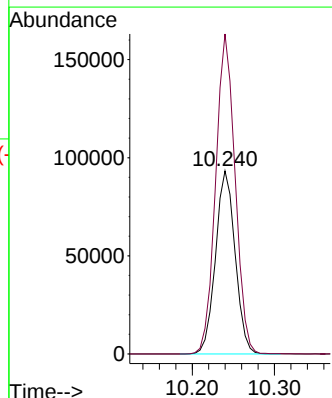
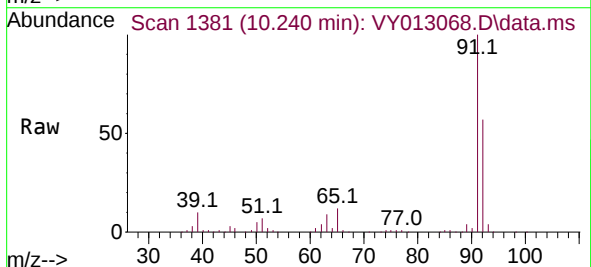
Acq: 23 Mar 2023 18:22

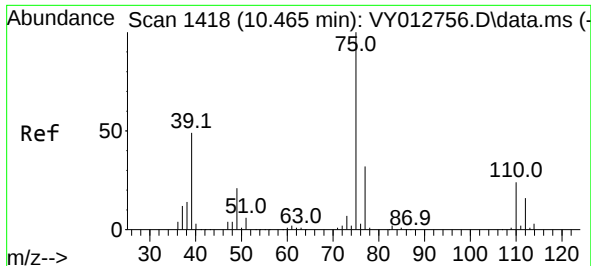
Tgt Ion: 92 Resp: 154432

Ion Ratio Lower Upper

92 100

91 174.0 141.3 211.9

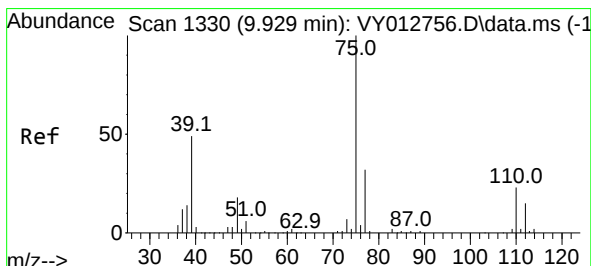
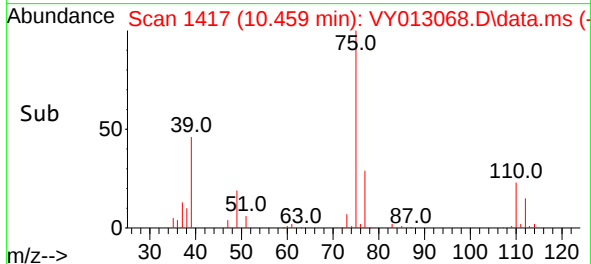
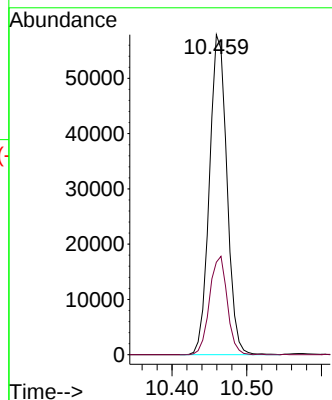
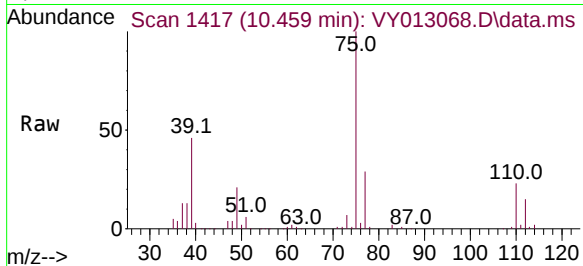




#53
t-1,3-Dichloropropene
Concen: 54.369 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

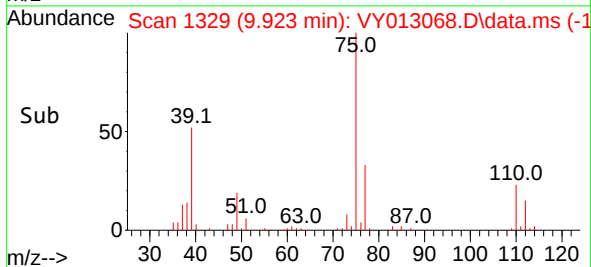
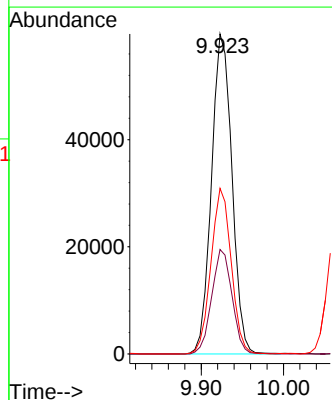
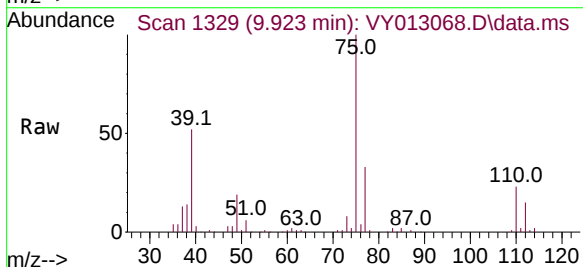
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

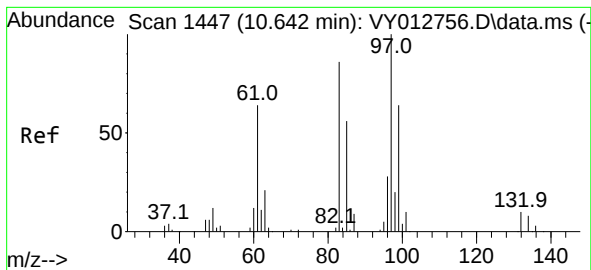
Tgt Ion: 75 Resp: 94327
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.599 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 75 Resp: 103289
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 51.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 53.607 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 52401

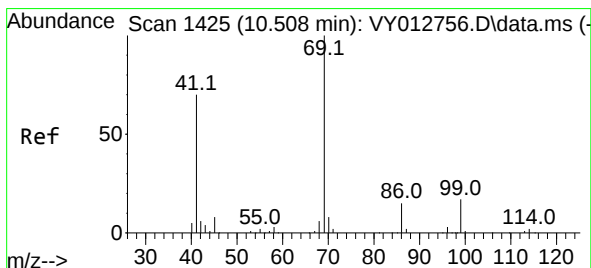
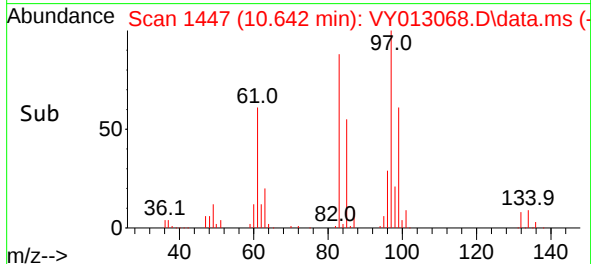
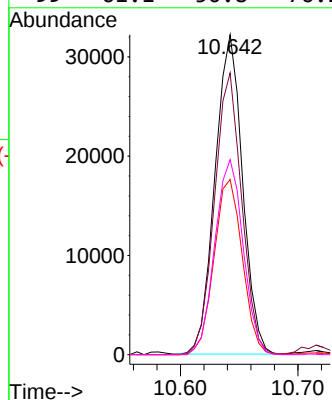
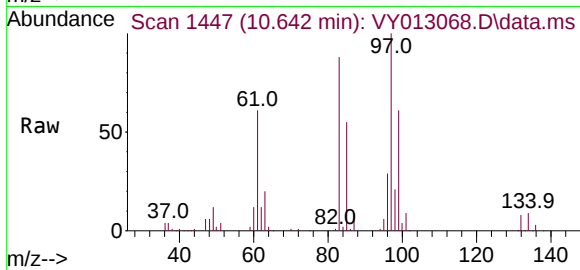
Ion Ratio Lower Upper

97 100

83 88.2 69.0 103.6

85 54.9 44.9 67.3

99 61.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 57.061 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

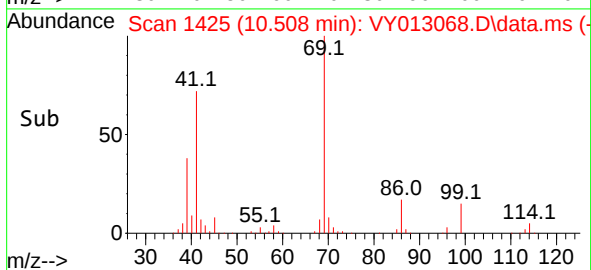
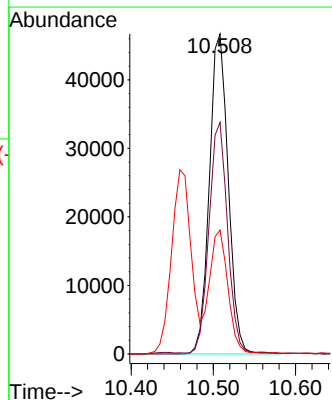
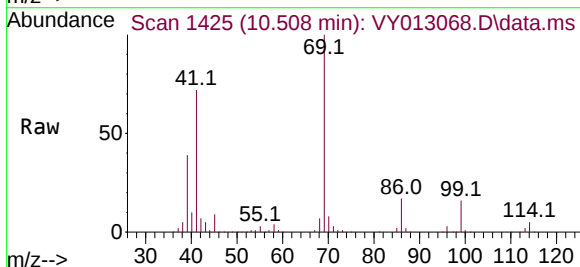
Tgt Ion: 69 Resp: 74372

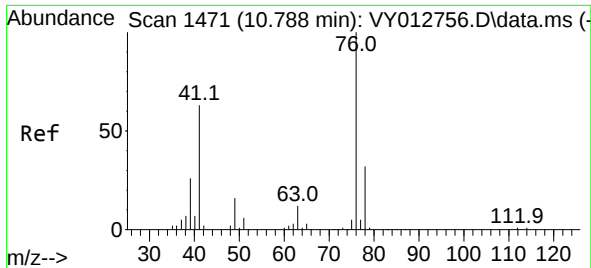
Ion Ratio Lower Upper

69 100

41 71.5 56.4 84.6

39 37.9 30.8 46.2

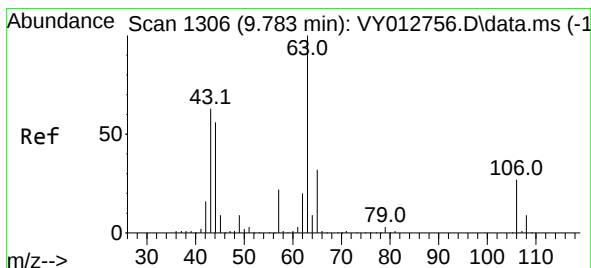
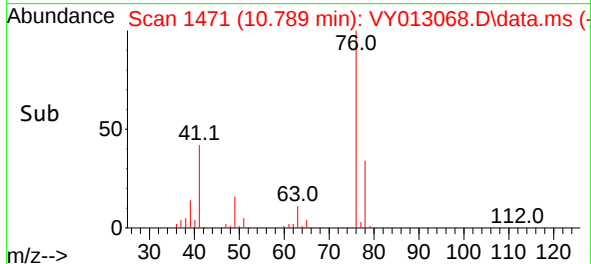
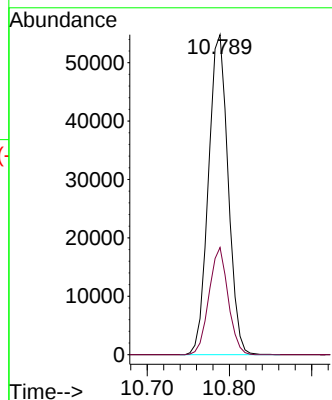
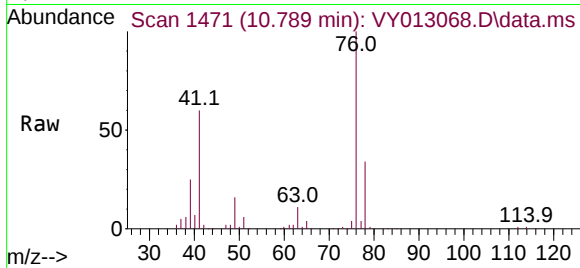




#57
1,3-Dichloropropane
Concen: 54.692 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

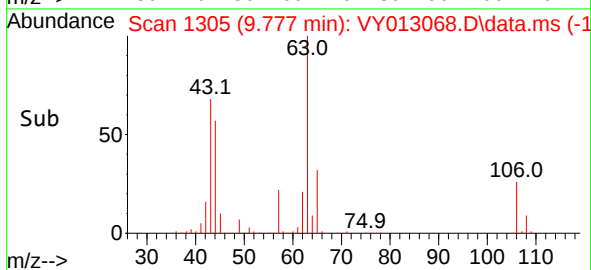
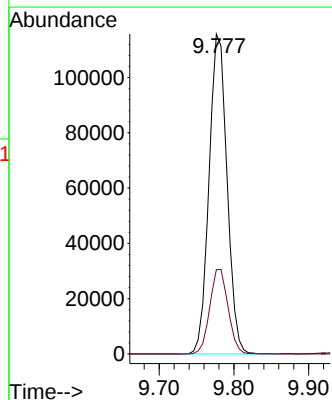
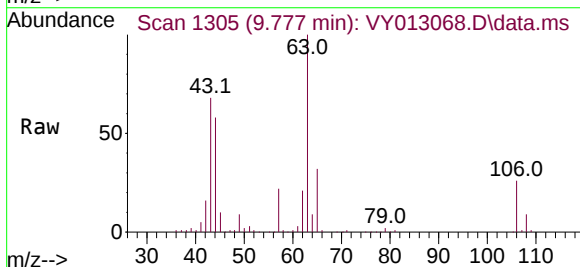
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

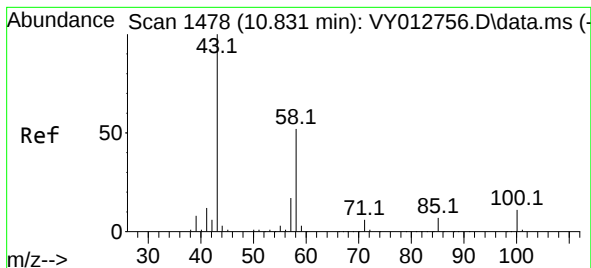
Tgt Ion: 76 Resp: 91059
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 282.820 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 63 Resp: 193513
Ion Ratio Lower Upper
63 100
106 26.9 22.1 33.1

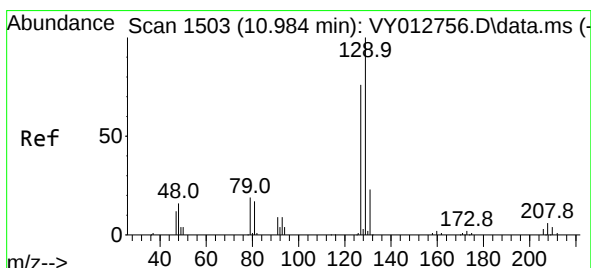
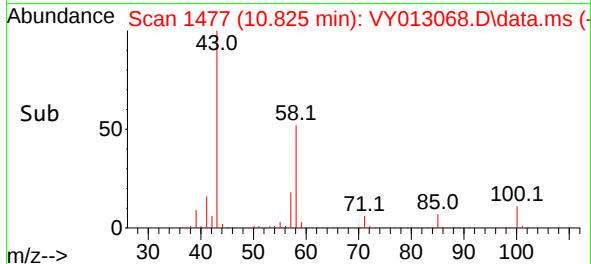
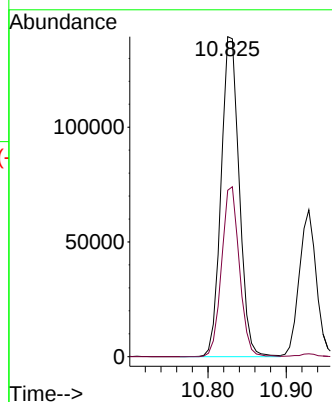
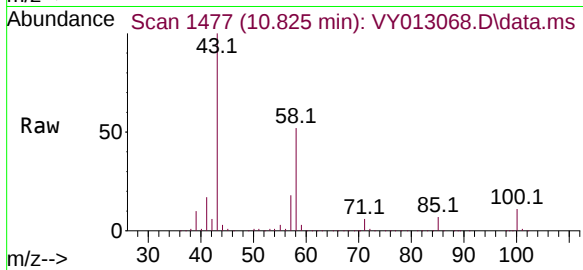




#59
2-Hexanone
Concen: 293.737 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

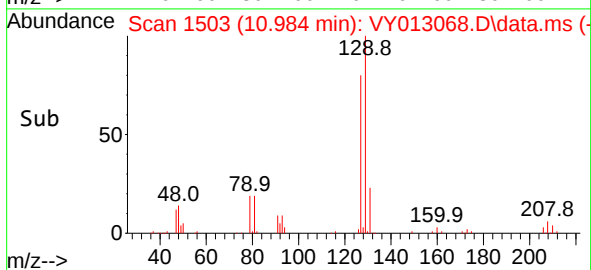
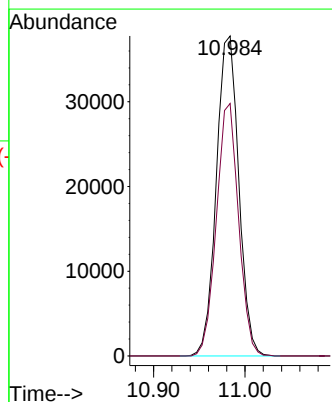
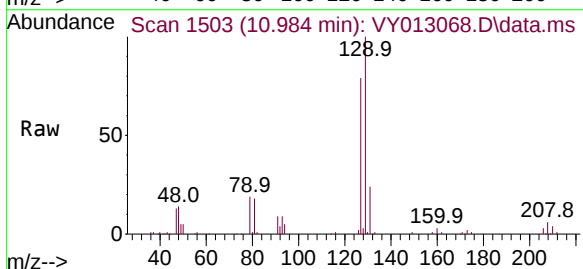
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

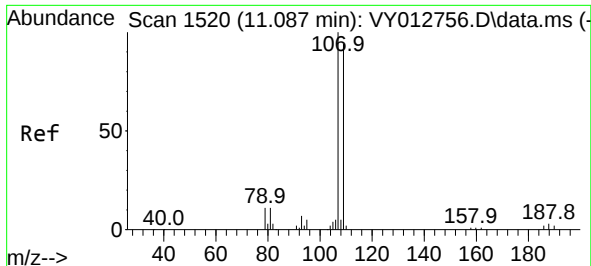
Tgt Ion: 43 Resp: 224419
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 54.139 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:129 Resp: 64419
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

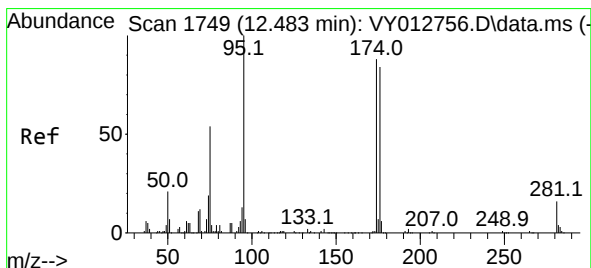
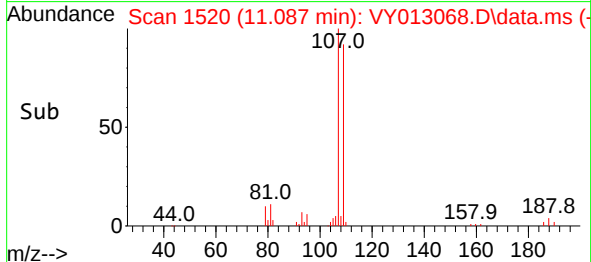
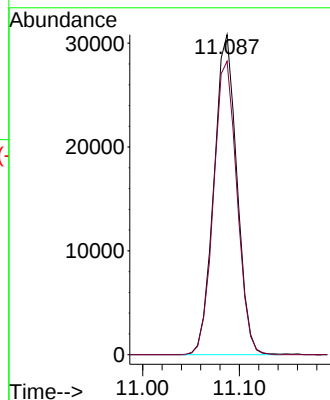
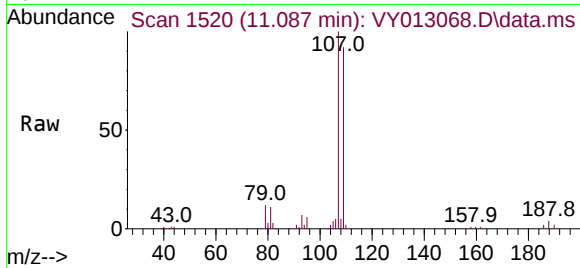




#61
1,2-Dibromoethane
Concen: 53.882 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

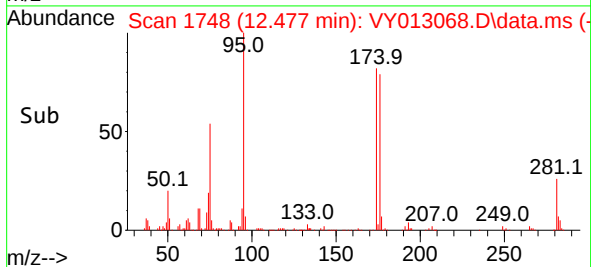
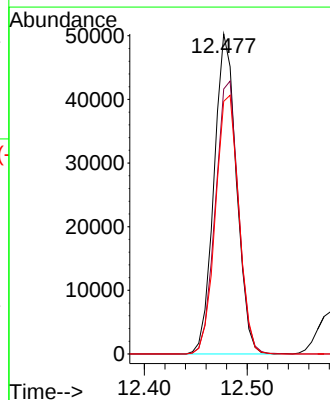
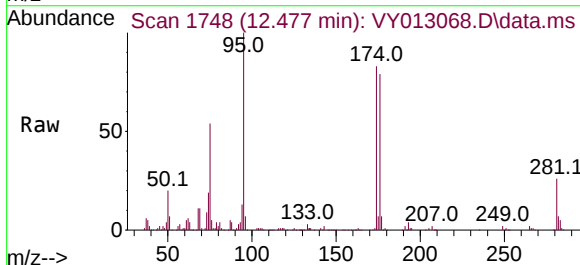
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

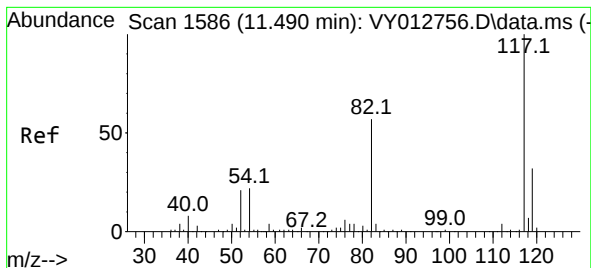
Tgt Ion:107 Resp: 50736
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 59.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 95 Resp: 76050
Ion Ratio Lower Upper
95 100
174 87.6 0.0 176.6
176 84.1 0.0 170.2

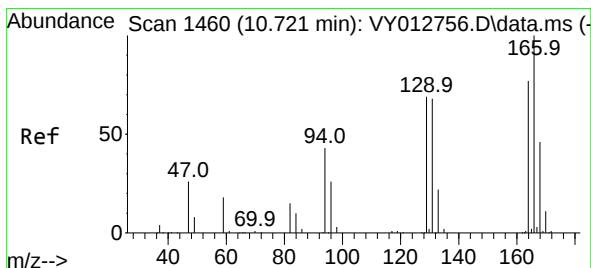
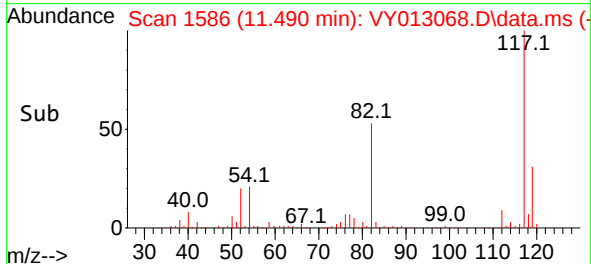
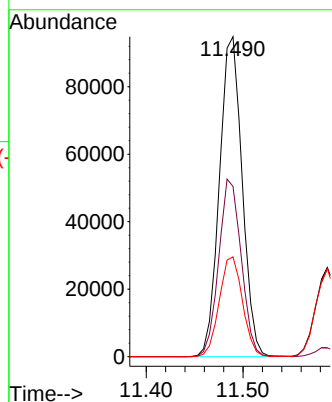
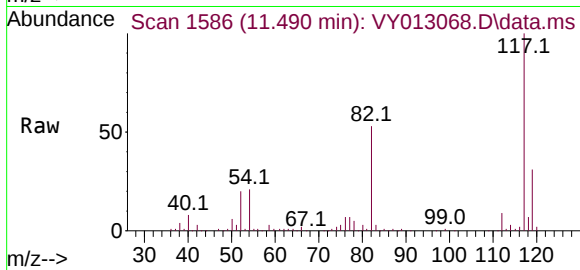




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

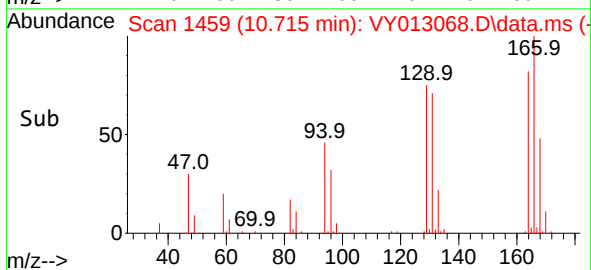
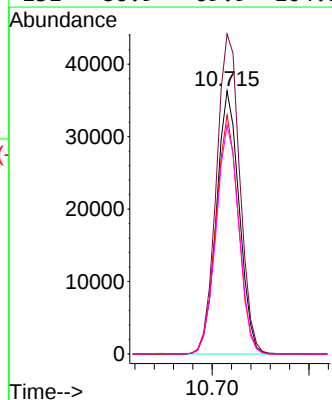
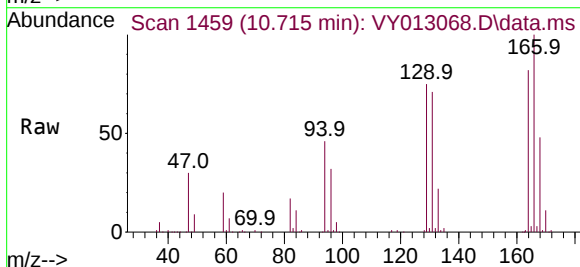
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

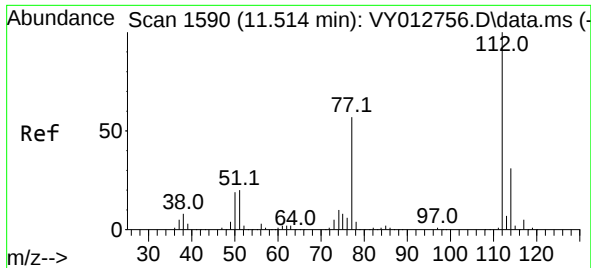
Tgt Ion:117 Resp: 154675
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 52.648 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:164 Resp: 59289
Ion Ratio Lower Upper
164 100
166 121.7 103.4 155.2
129 90.8 71.4 107.2
131 86.9 69.9 104.9

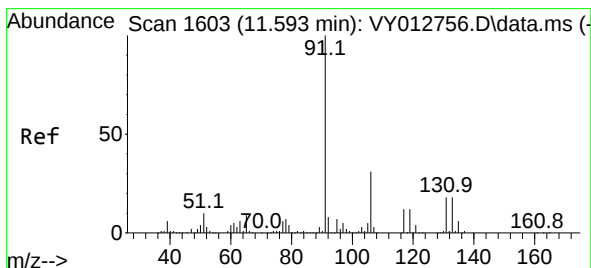
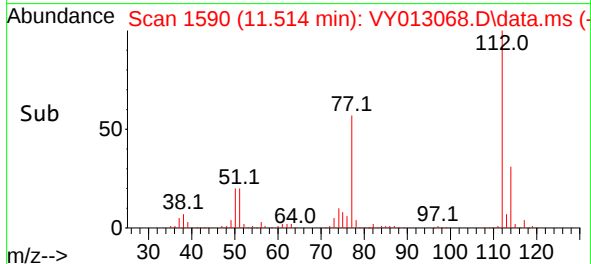
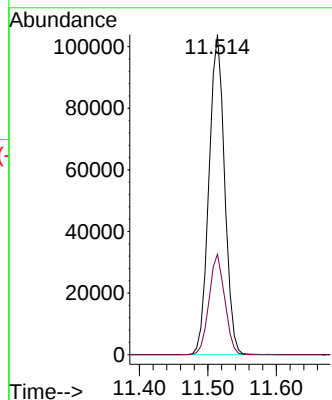
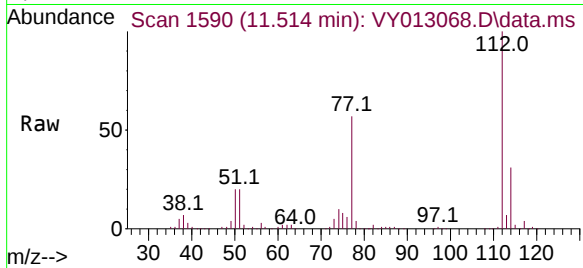




#65
Chlorobenzene
Concen: 50.816 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

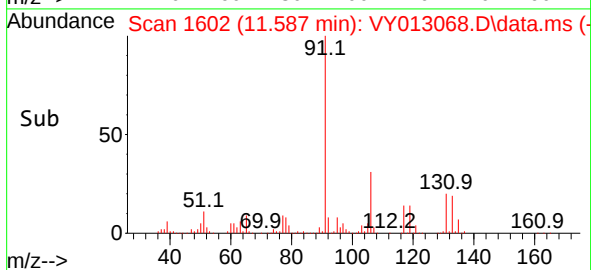
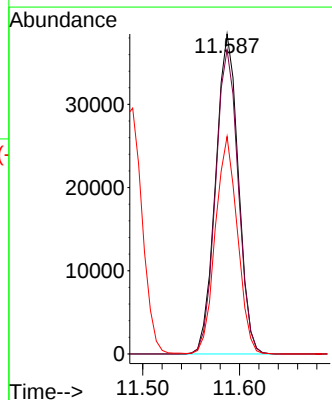
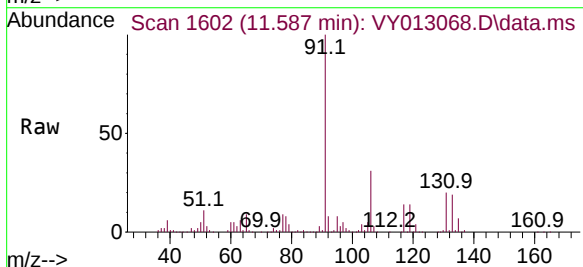
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

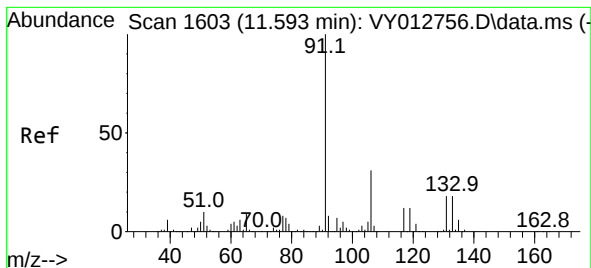
Tgt Ion:112 Resp: 164960
Ion Ratio Lower Upper
112 100
114 31.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.106 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:131 Resp: 62591
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 66.2 32.6 98.0





#67

Ethyl Benzene

Concen: 51.686 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

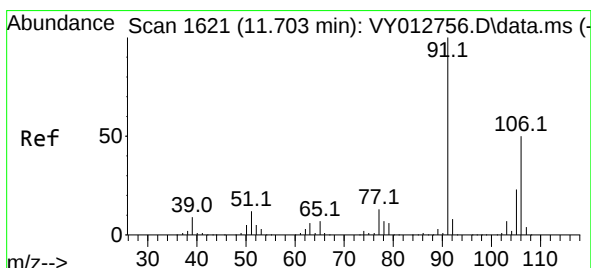
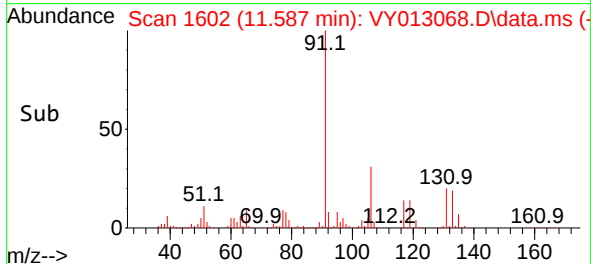
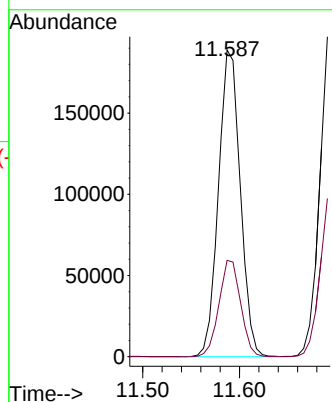
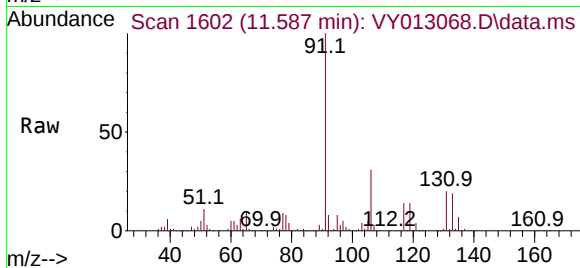
VSTDCCC050EC

Tgt Ion: 91 Resp: 294994

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 103.914 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013068.D

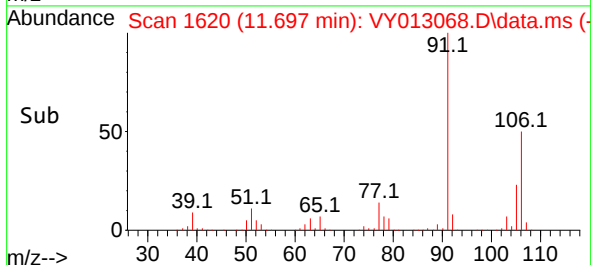
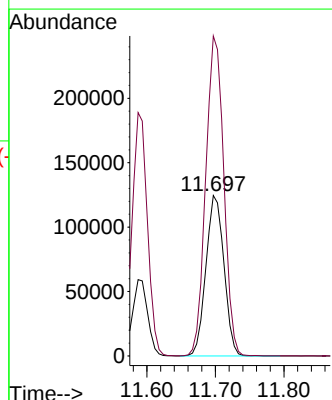
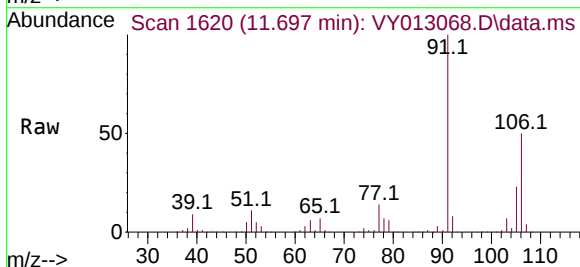
Acq: 23 Mar 2023 18:22

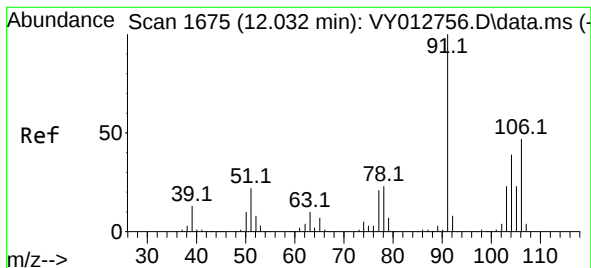
Tgt Ion:106 Resp: 228155

Ion Ratio Lower Upper

106 100

91 199.8 159.8 239.8





#69

o-Xylene

Concen: 51.791 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

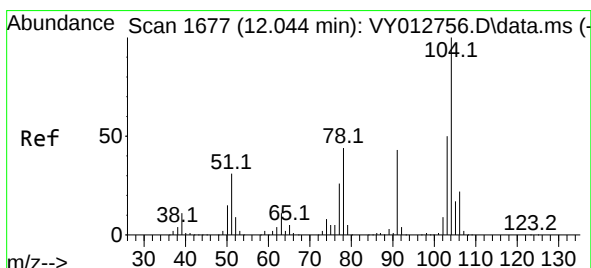
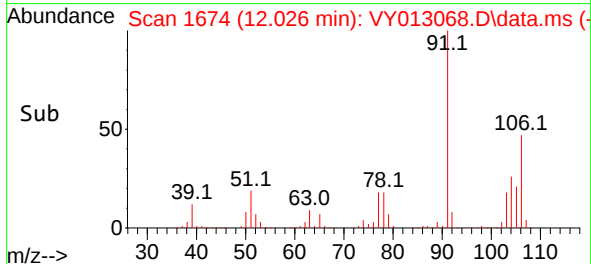
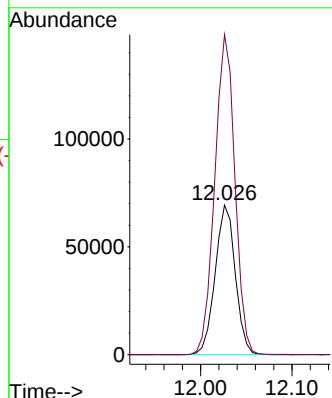
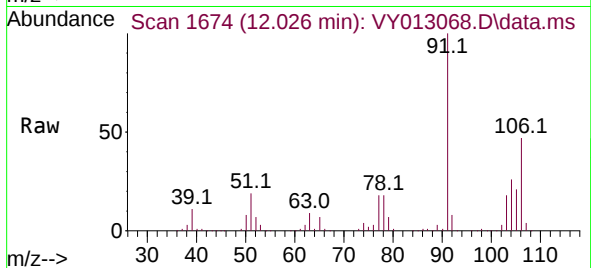
VSTDCCC050EC

Tgt Ion:106 Resp: 106128

Ion Ratio Lower Upper

106 100

91 214.4 107.2 321.6



#70

Styrene

Concen: 53.988 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

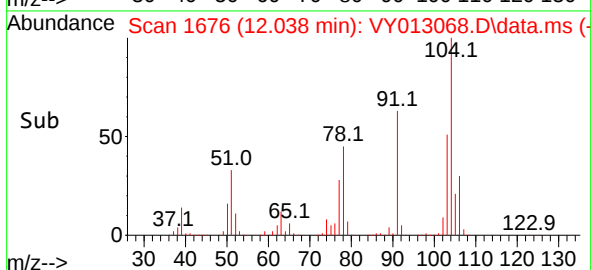
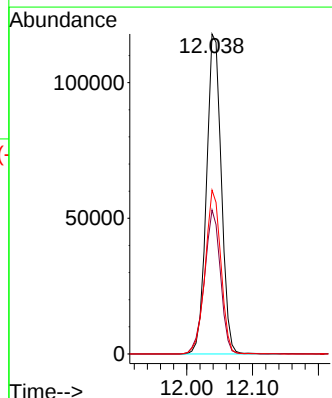
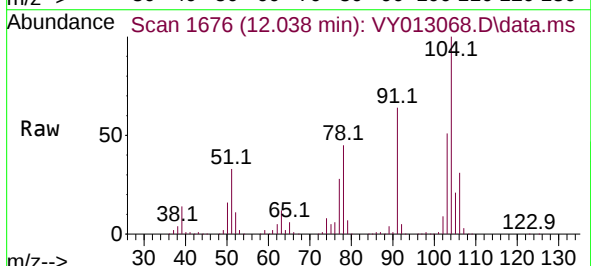
Tgt Ion:104 Resp: 184616

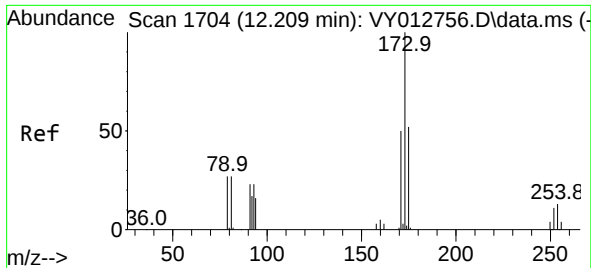
Ion Ratio Lower Upper

104 100

78 48.5 39.2 58.8

103 54.5 43.7 65.5

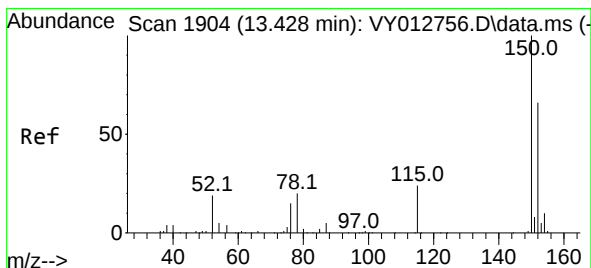
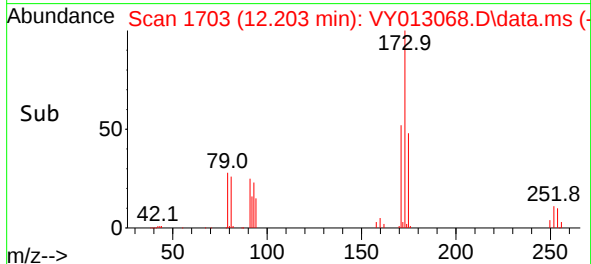
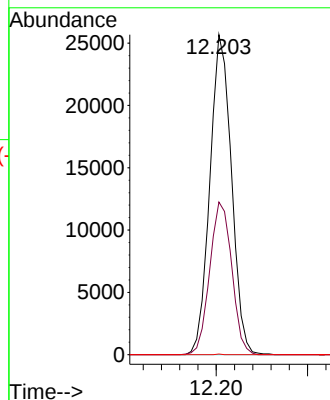
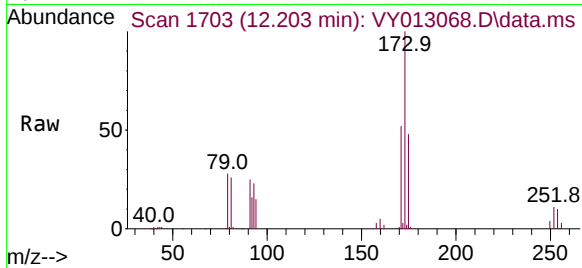




#71
Bromoform
Concen: 53.683 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

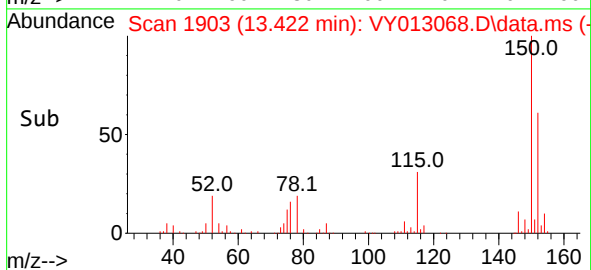
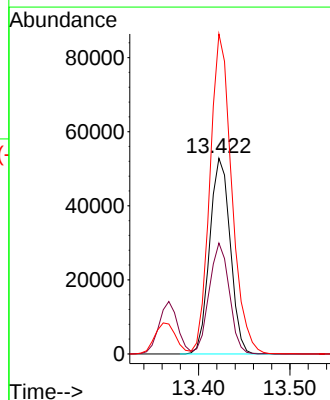
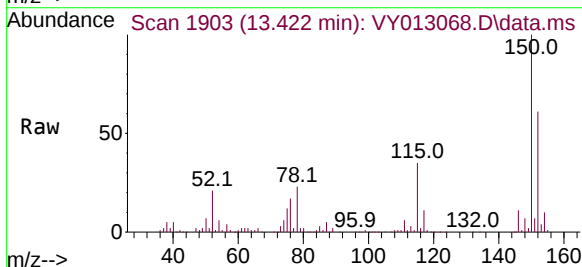
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

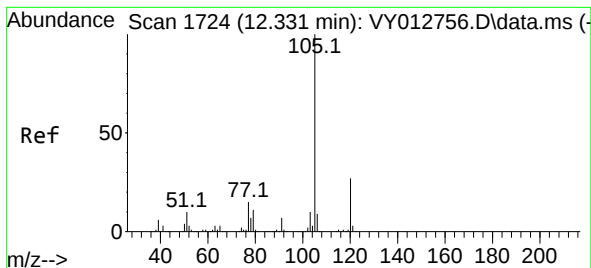
Tgt Ion:173 Resp: 42044
Ion Ratio Lower Upper
173 100
175 48.7 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:152 Resp: 82611
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 173.5 0.0 347.8





#73

Isopropylbenzene

Concen: 48.322 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

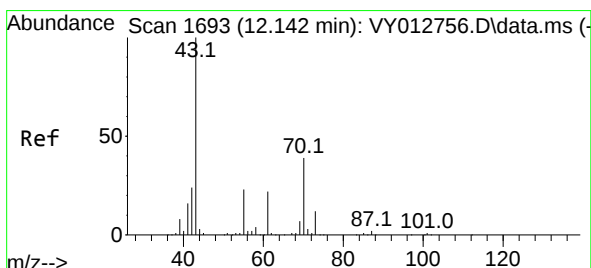
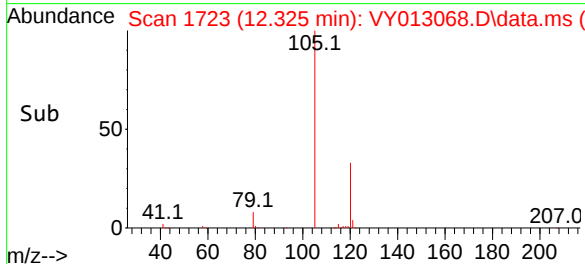
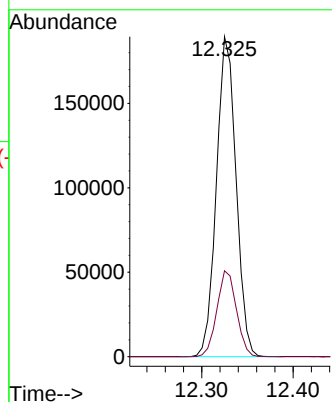
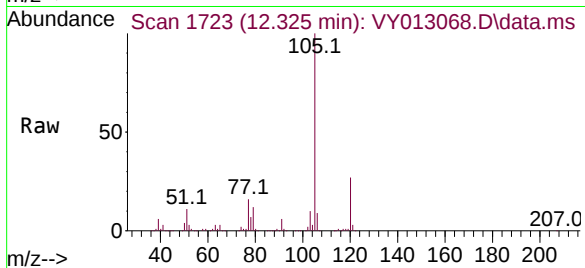
VSTDCCC050EC

Tgt Ion:105 Resp: 282909

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 52.821 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Tgt Ion: 43 Resp: 97302

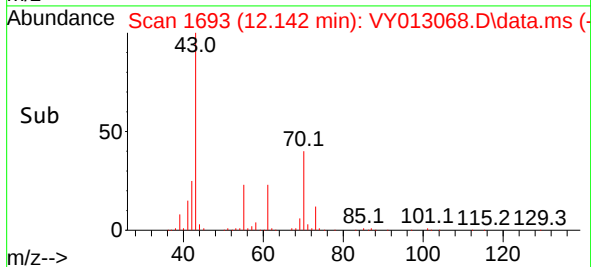
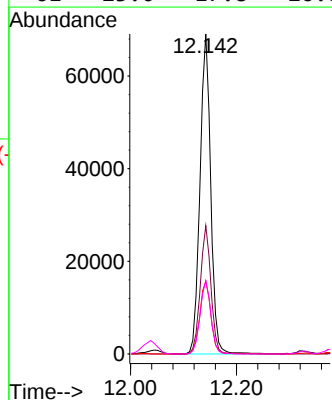
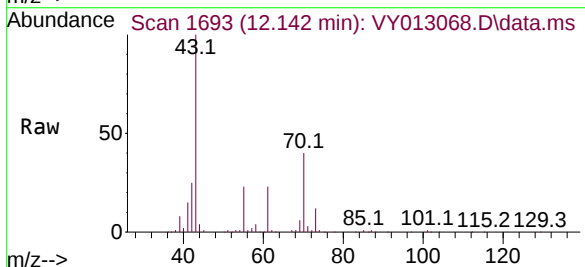
Ion Ratio Lower Upper

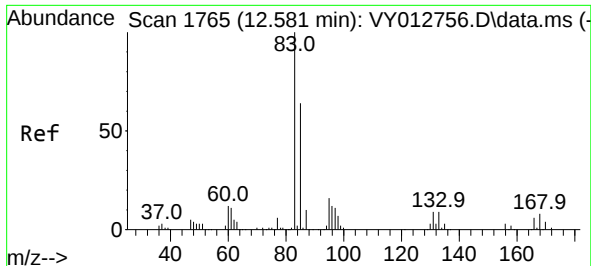
43 100

70 39.8 31.6 47.4

55 23.6 18.8 28.2

61 23.0 17.8 26.8

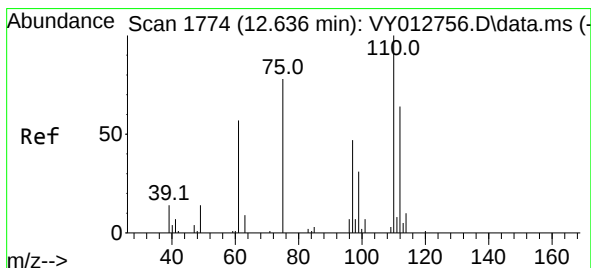
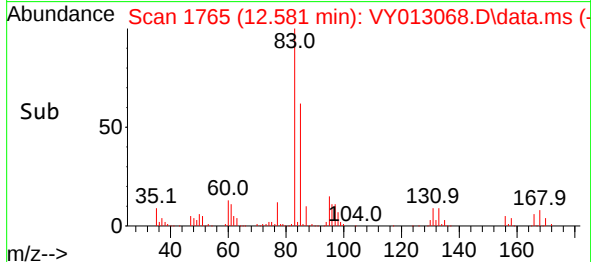
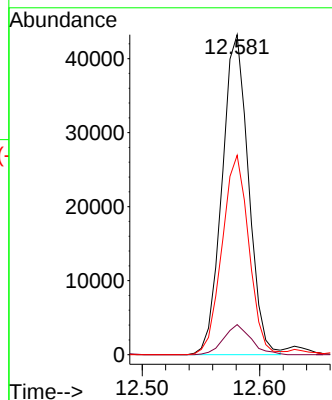
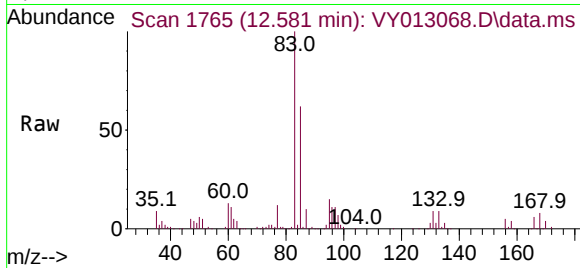




#75
1,1,2,2-Tetrachloroethane
Concen: 51.300 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

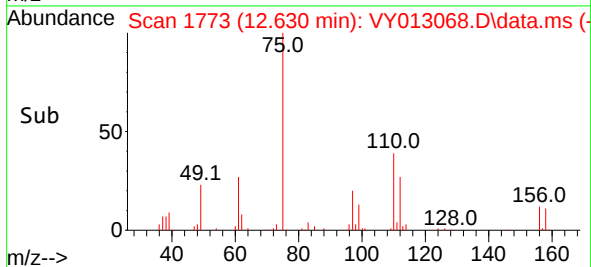
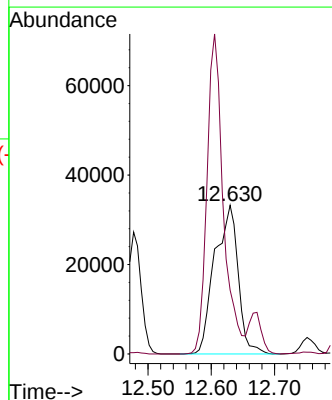
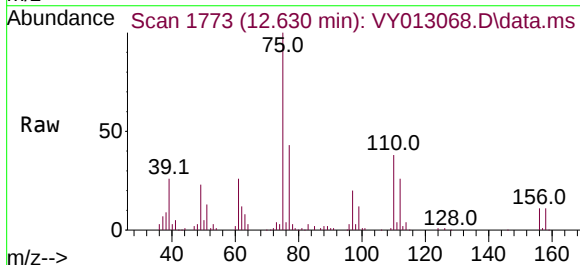
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

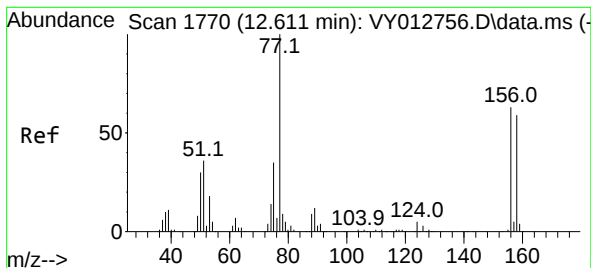
Tgt Ion: 83 Resp: 67516
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 63.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 86.762 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 75 Resp: 85591
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.724 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

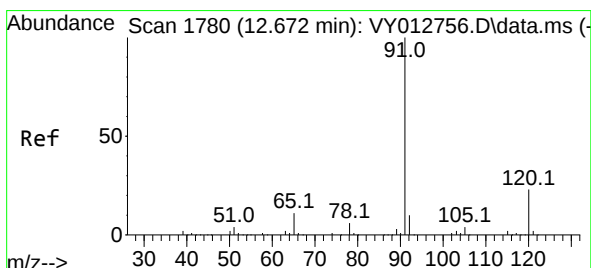
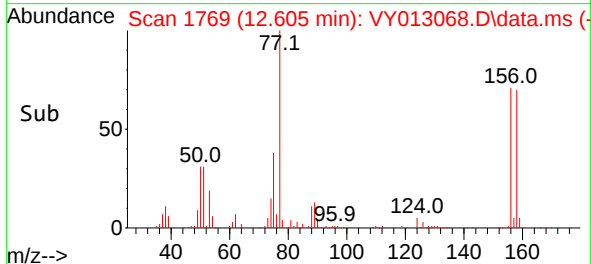
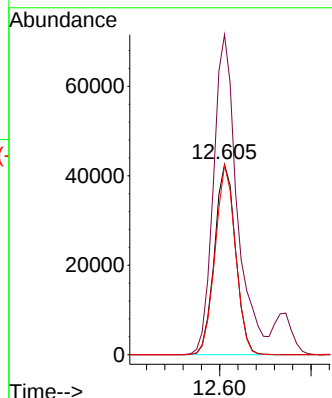
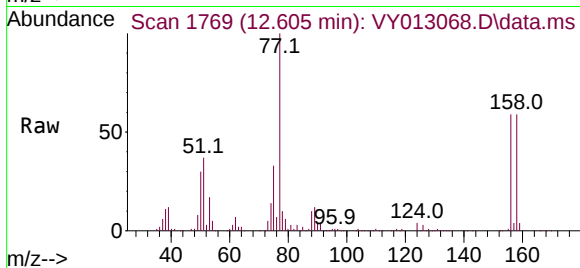
Tgt Ion:156 Resp: 67878

Ion Ratio Lower Upper

156 100

77 190.7 94.0 282.1

158 96.7 48.1 144.4



#78

n-propylbenzene

Concen: 48.791 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013068.D

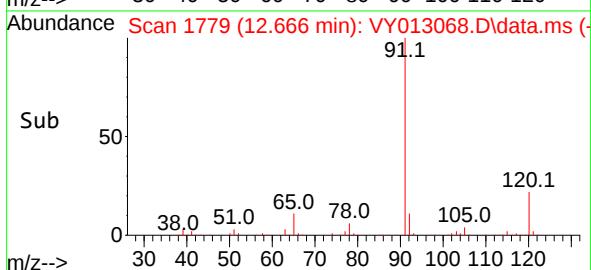
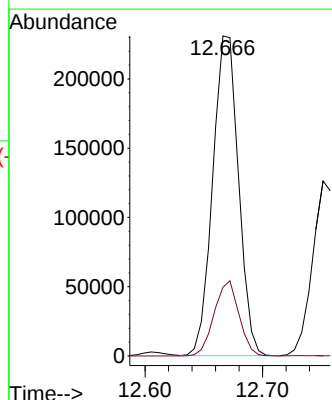
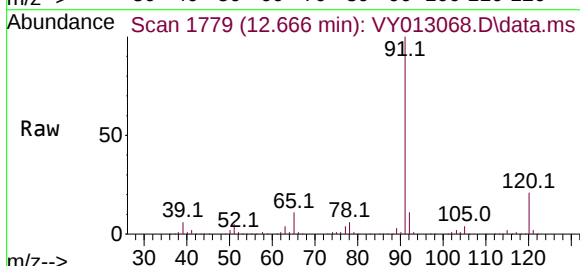
Acq: 23 Mar 2023 18:22

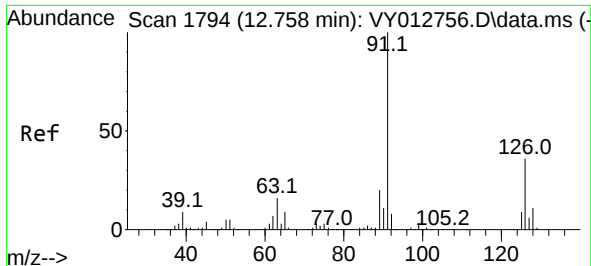
Tgt Ion: 91 Resp: 352187

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 48.642 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

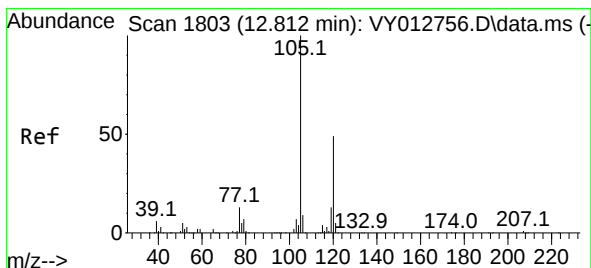
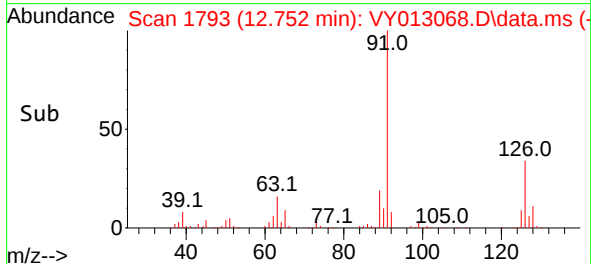
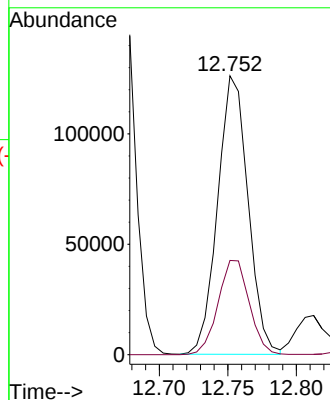
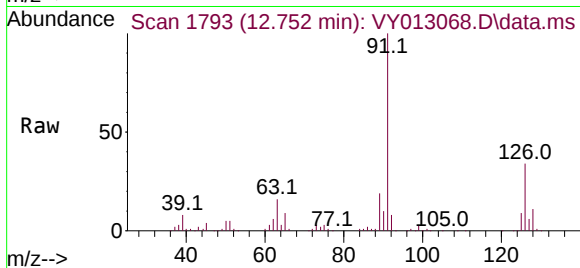
VSTDCCC050EC

Tgt Ion: 91 Resp: 195139

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.219 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013068.D

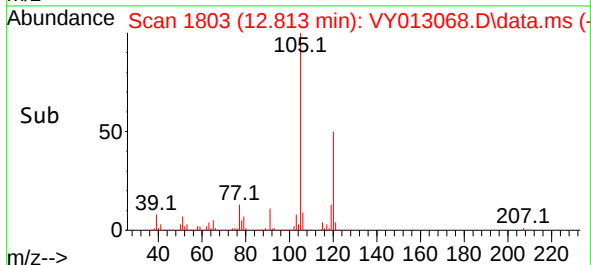
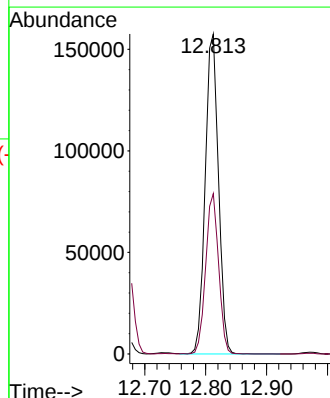
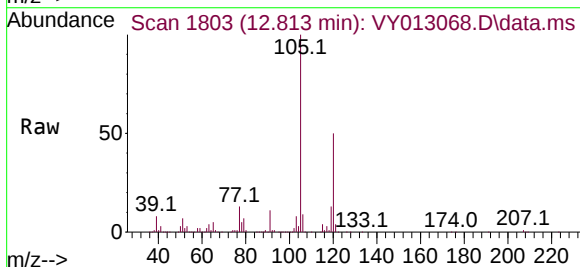
Acq: 23 Mar 2023 18:22

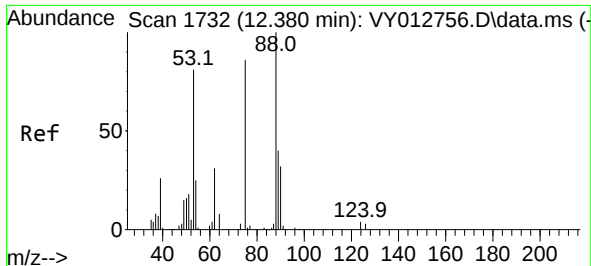
Tgt Ion:105 Resp: 237812

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

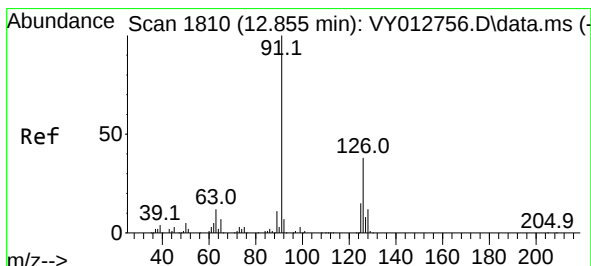
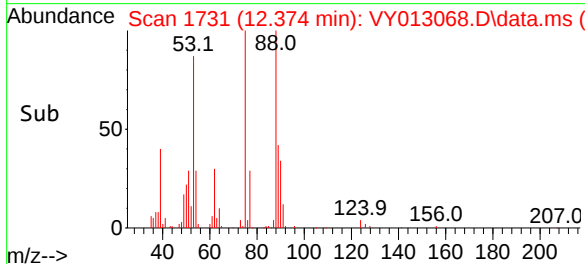
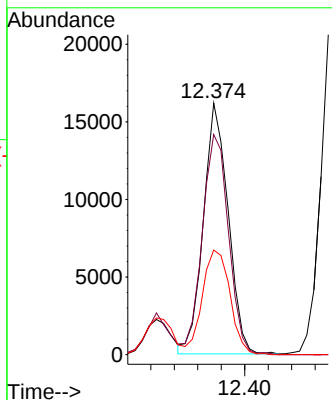
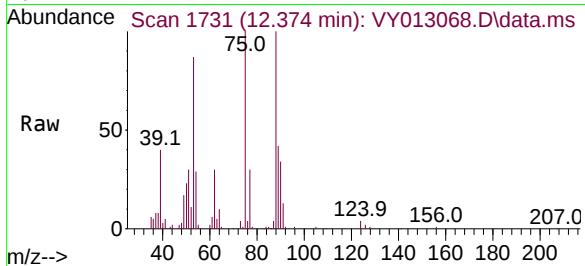




#81
trans-1,4-Dichloro-2-butene
Concen: 49.709 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

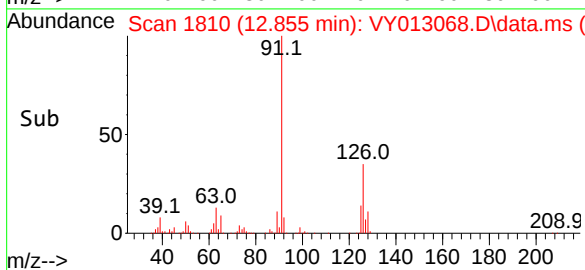
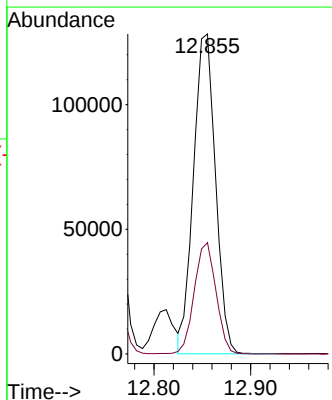
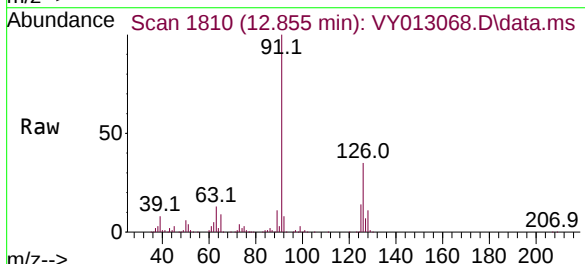
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

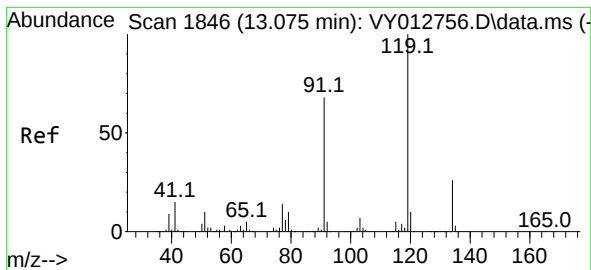
Tgt Ion: 75 Resp: 23667
Ion Ratio Lower Upper
75 100
53 93.5 73.4 110.0
89 46.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.905 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 91 Resp: 203094
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1

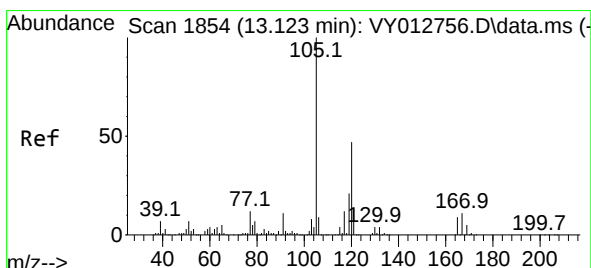
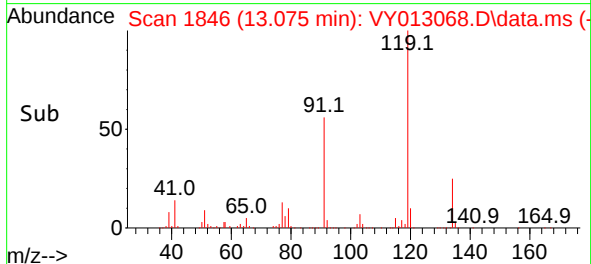
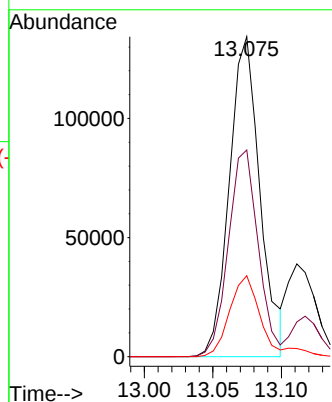
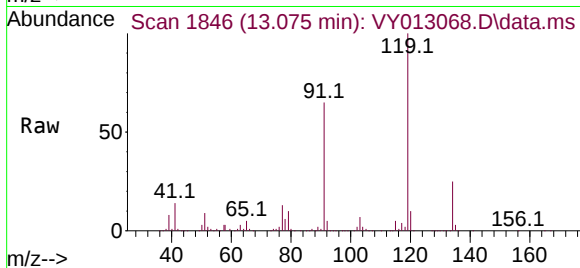




#83
tert-Butylbenzene
Concen: 50.075 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

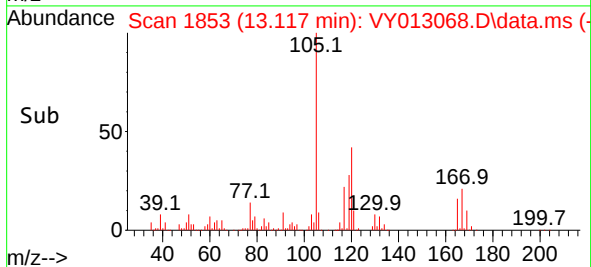
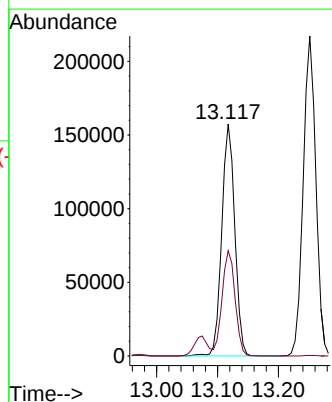
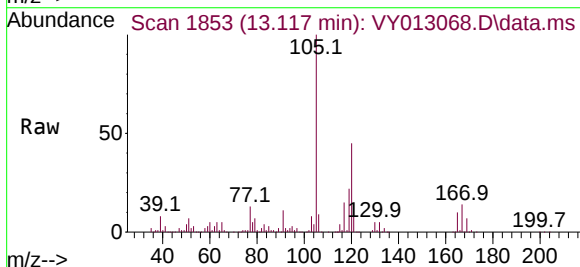
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

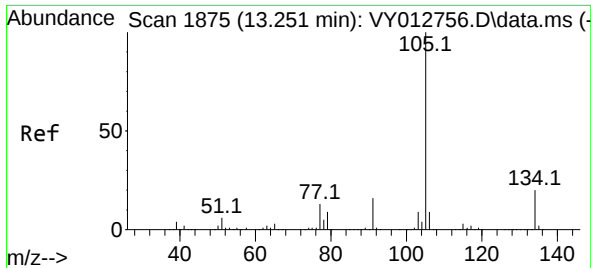
Tgt Ion:119 Resp: 208828
Ion Ratio Lower Upper
119 100
91 63.2 32.8 98.3
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 49.491 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion:105 Resp: 233829
Ion Ratio Lower Upper
105 100
120 44.9 23.0 69.0

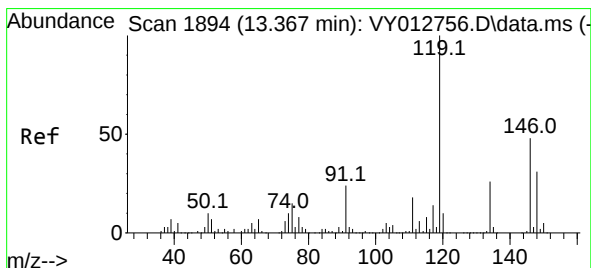
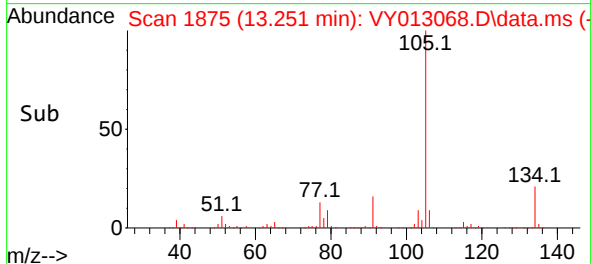
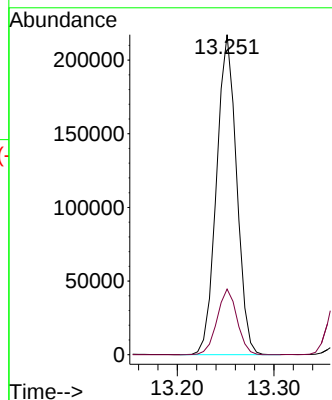
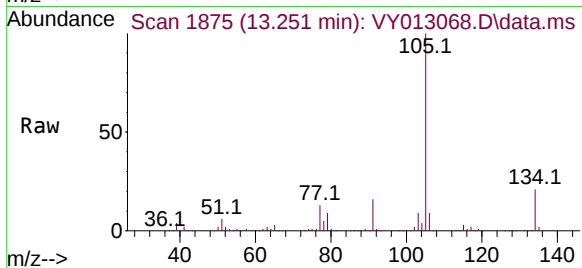




#85
 sec-Butylbenzene
 Concen: 49.150 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

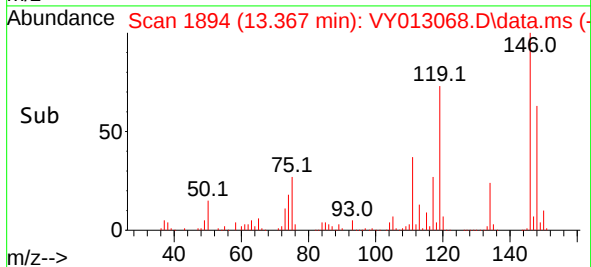
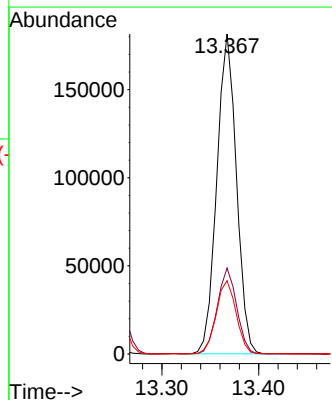
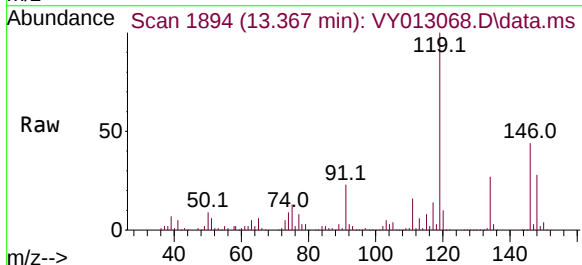
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

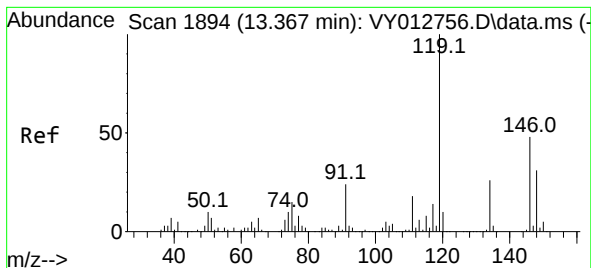
Tgt Ion:105 Resp: 312695
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.080 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013068.D
 Acq: 23 Mar 2023 18:22

Tgt Ion:119 Resp: 255200
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.752 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

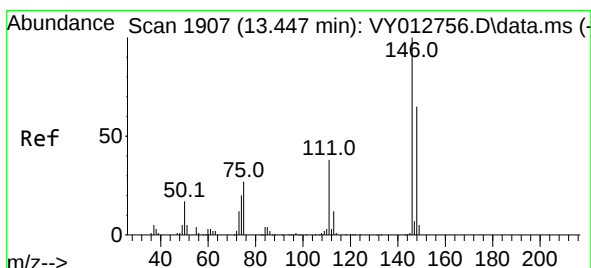
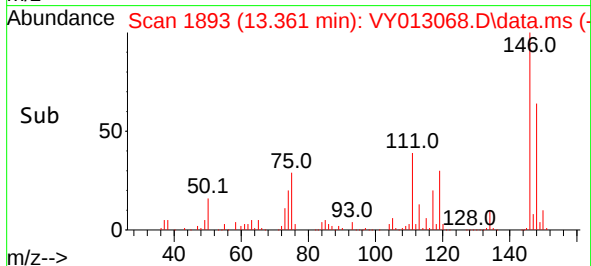
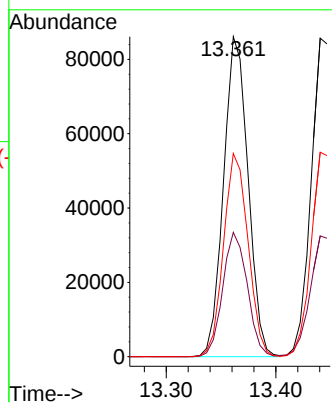
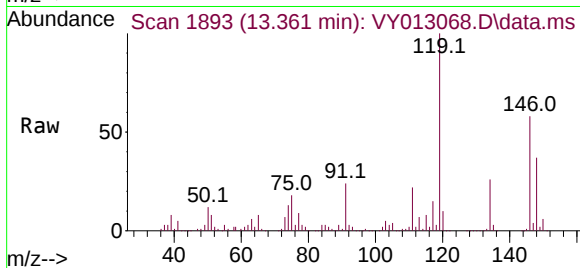
Tgt Ion:146 Resp: 133735

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.737 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

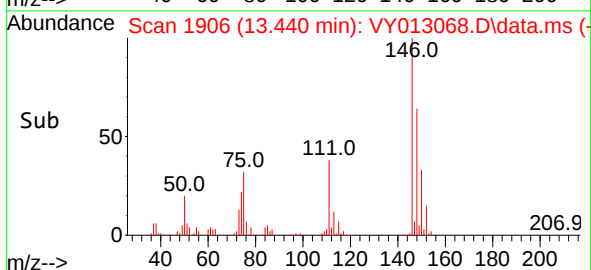
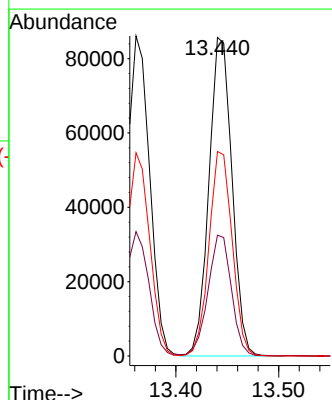
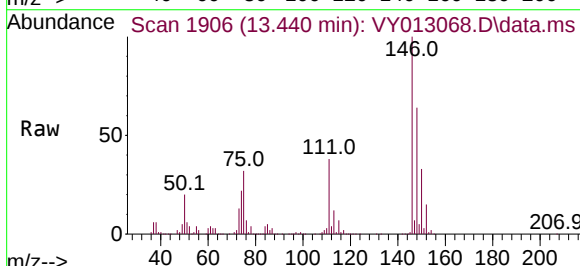
Tgt Ion:146 Resp: 133647

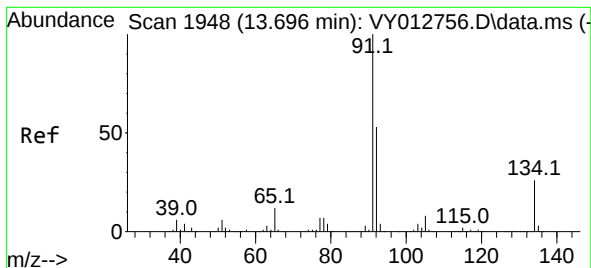
Ion Ratio Lower Upper

146 100

111 38.6 18.6 55.8

148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 48.494 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

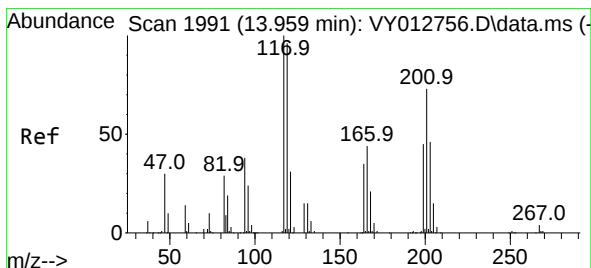
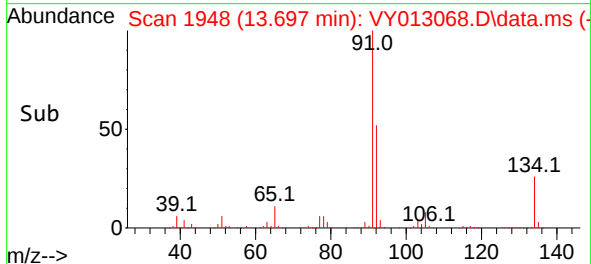
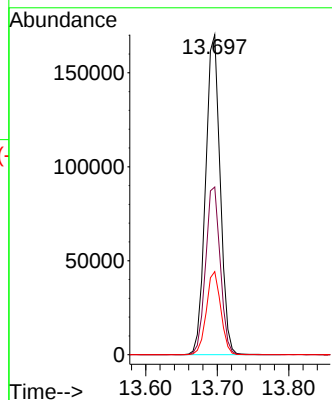
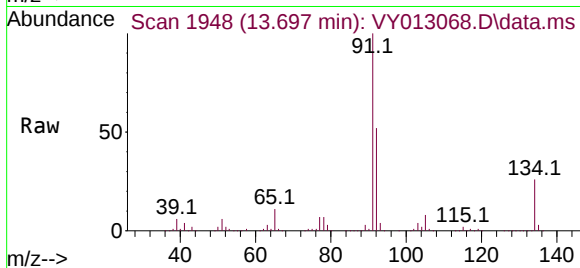
Tgt Ion: 91 Resp: 241389

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 47.293 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013068.D

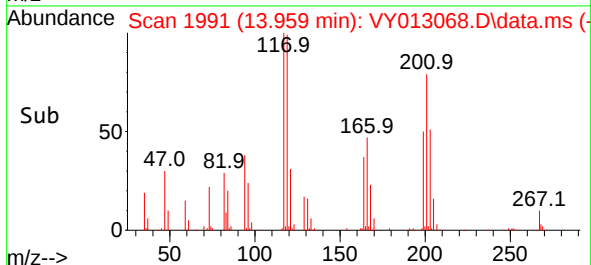
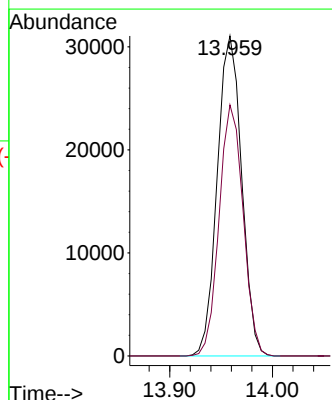
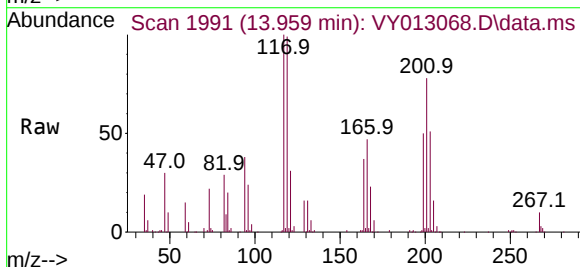
Acq: 23 Mar 2023 18:22

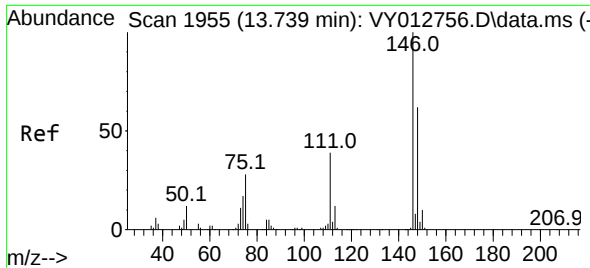
Tgt Ion: 117 Resp: 51217

Ion Ratio Lower Upper

117 100

201 77.1 39.4 118.1

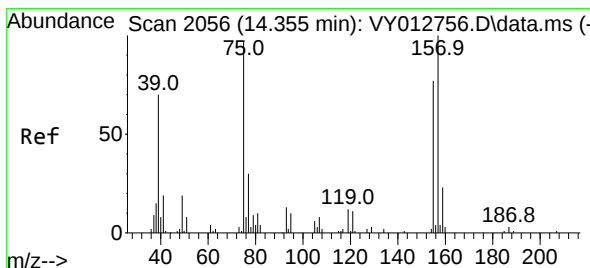
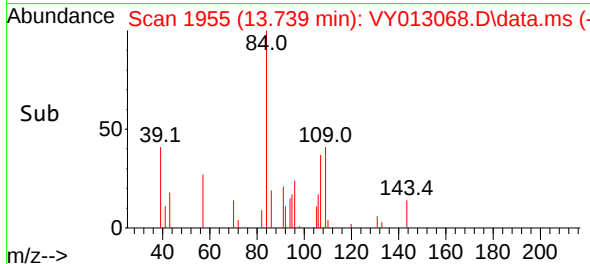
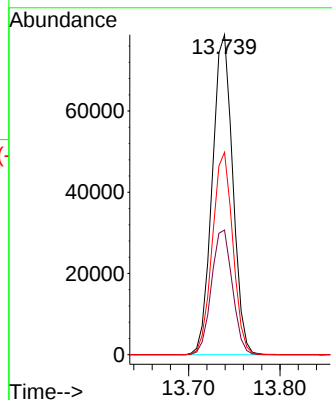
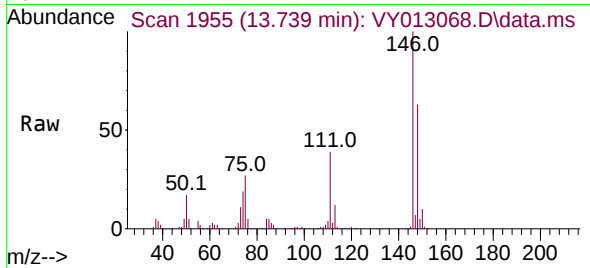




#91
1,2-Dichlorobenzene
Concen: 49.411 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

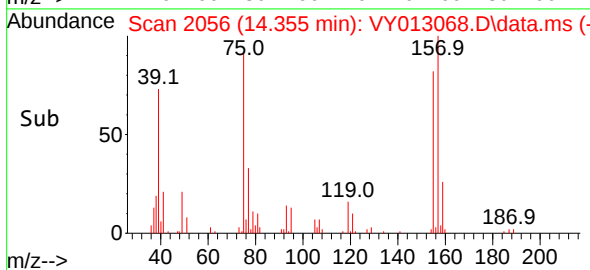
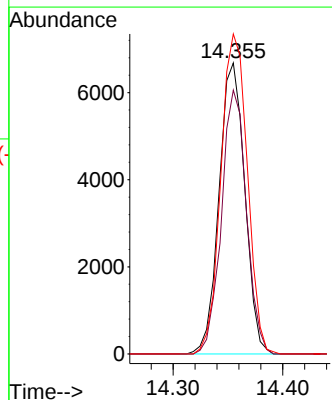
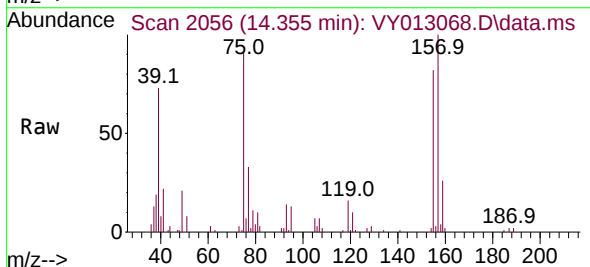
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

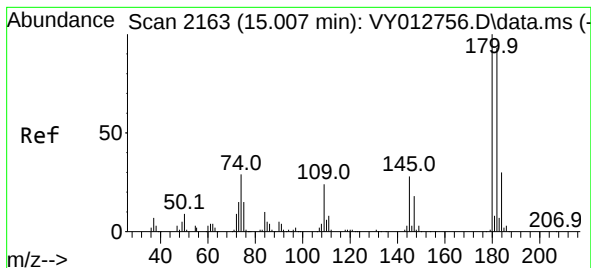
Tgt Ion:146 Resp: 122524
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 63.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.128 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013068.D
Acq: 23 Mar 2023 18:22

Tgt Ion: 75 Resp: 10875
Ion Ratio Lower Upper
75 100
155 88.0 43.8 131.4
157 113.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 45.622 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

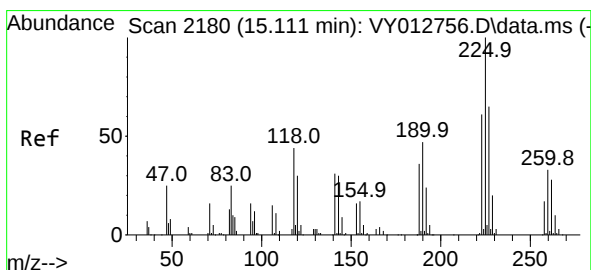
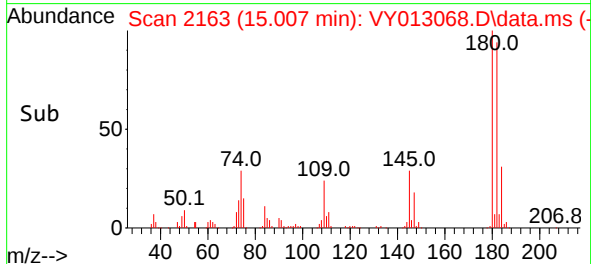
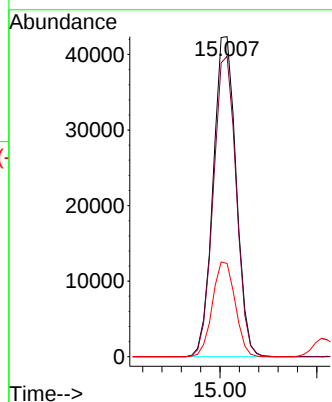
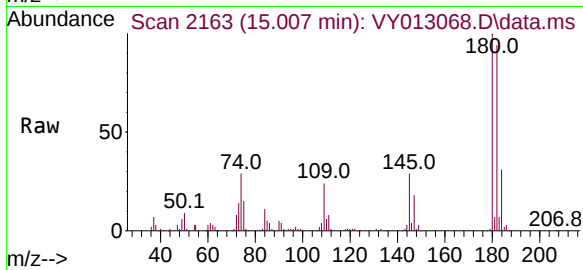
Tgt Ion:180 Resp: 69654

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.935 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

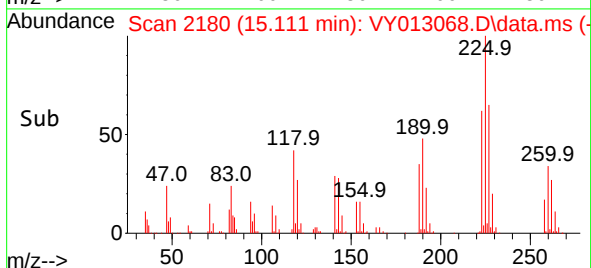
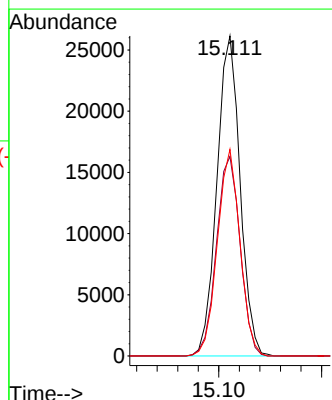
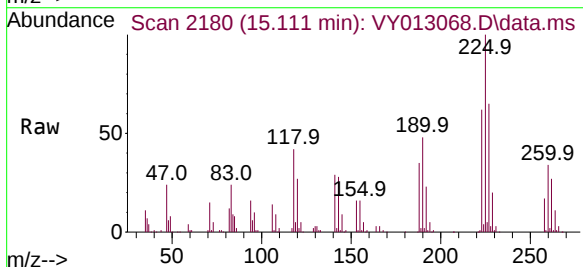
Tgt Ion:225 Resp: 40913

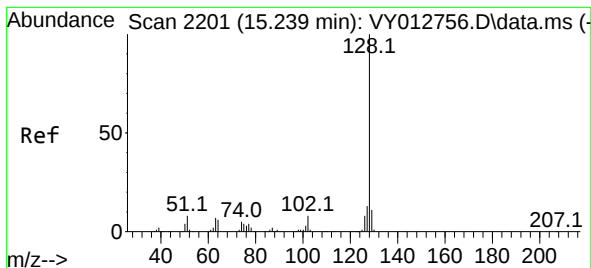
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.3

227 62.8 32.4 97.0





#95

Naphthalene

Concen: 48.554 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

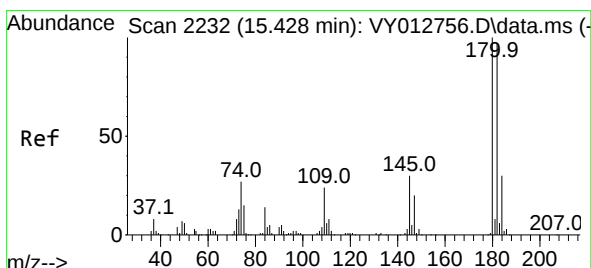
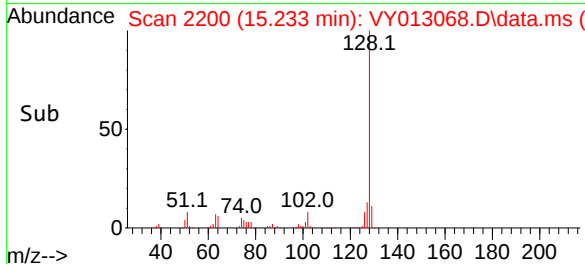
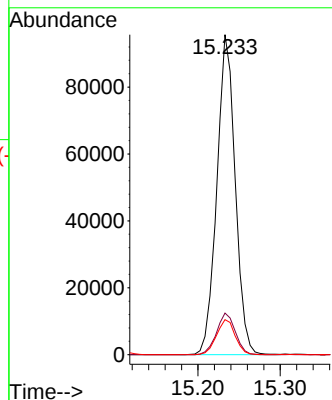
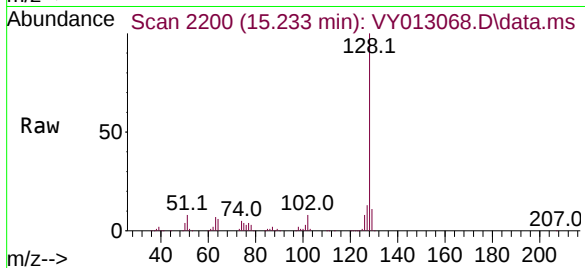
Tgt Ion:128 Resp: 148551

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.702 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013068.D

Acq: 23 Mar 2023 18:22

Tgt Ion:180 Resp: 62057

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 31.8 15.3 45.8

