

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013678.D
 Acq On : 10 May 2023 10:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 11 03:22:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	246211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	363021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137263	50.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.716	113	124724	54.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.179	98	416179	51.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.483	95	152560	55.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	119886	51.218	ug/l	99
3) Chloromethane	2.113	50	144595	46.086	ug/l	100
4) Vinyl Chloride	2.253	62	143028	45.783	ug/l	96
5) Bromomethane	2.656	94	103981	41.768	ug/l	100
6) Chloroethane	2.796	64	92451	42.838	ug/l	98
7) Trichlorofluoromethane	3.131	101	241515	51.033	ug/l	99
8) Diethyl Ether	3.534	74	79586	49.383	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	126978	47.834	ug/l	98
10) Methyl Iodide	4.095	142	158577	47.562	ug/l	98
11) Tert butyl alcohol	4.972	59	81300	267.388	ug/l #	96
12) 1,1-Dichloroethene	3.875	96	120877	47.239	ug/l	90
13) Acrolein	3.735	56	39031	162.406	ug/l	92
14) Allyl chloride	4.479	41	220453	46.431	ug/l	96
15) Acrylonitrile	5.168	53	216019	239.342	ug/l	99
16) Acetone	3.954	43	265832	250.101	ug/l	96
17) Carbon Disulfide	4.198	76	351484	42.287	ug/l	99
18) Methyl Acetate	4.479	43	157097	44.750	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	366882	49.664	ug/l	97
20) Methylene Chloride	4.716	84	157408	46.746	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	136023	48.619	ug/l	95
22) Diisopropyl ether	6.119	45	472250	50.888	ug/l	95
23) Vinyl Acetate	6.058	43	1406143	267.613	ug/l	96
24) 1,1-Dichloroethane	6.021	63	261522	50.564	ug/l	99
25) 2-Butanone	6.990	43	318746	236.460	ug/l	94
26) 2,2-Dichloropropane	6.984	77	239468	53.731	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	159105	51.471	ug/l	96
28) Bromochloromethane	7.332	49	91137	49.655	ug/l	86
29) Tetrahydrofuran	7.350	42	180868	215.551	ug/l	93
30) Chloroform	7.502	83	276290	53.728	ug/l	99
31) Cyclohexane	7.783	56	210300	43.519	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	243555	53.076	ug/l	98
36) 1,1-Dichloropropene	7.917	75	194120	51.228	ug/l	99
37) Ethyl Acetate	7.076	43	131326	46.053	ug/l	97
38) Carbon Tetrachloride	7.905	117	225146	56.688	ug/l	96
39) Methylcyclohexane	9.185	83	222705	49.853	ug/l	97
40) Benzene	8.161	78	579302	54.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	62246	46.843	ug/l	94
42) 1,2-Dichloroethane	8.240	62	192621	55.197	ug/l	98
43) Isopropyl Acetate	8.271	43	234915	48.806	ug/l	98
44) Trichloroethene	8.941	130	150073	52.855	ug/l	98
45) 1,2-Dichloropropane	9.216	63	149819	53.681	ug/l	100
46) Dibromomethane	9.307	93	88179	52.805	ug/l	96
47) Bromodichloromethane	9.496	83	213165	57.047	ug/l	99
48) Methyl methacrylate	9.295	41	107638	48.693	ug/l	95
49) 1,4-Dioxane	9.319	88	21979	921.560	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	656519	244.774	ug/l	96
52) Toluene	10.246	92	355269	55.309	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	216827	54.829	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	240272	53.995	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	121088	54.755	ug/l	98
56) Ethyl methacrylate	10.508	69	163594	53.322	ug/l	93
57) 1,3-Dichloropropane	10.788	76	204621	54.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	281616	244.784	ug/l	96
59) 2-Hexanone	10.831	43	486279	249.411	ug/l	97
60) Dibromochloromethane	10.984	129	151500	56.420	ug/l	99
61) 1,2-Dibromoethane	11.087	107	115813	53.267	ug/l	99
64) Tetrachloroethene	10.721	164	131590	52.694	ug/l	97
65) Chlorobenzene	11.514	112	381053	53.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	150641	56.303	ug/l	99
67) Ethyl Benzene	11.593	91	687903	54.759	ug/l	99
68) m/p-Xylenes	11.703	106	521913	109.287	ug/l	97
69) o-Xylene	12.032	106	248208	54.955	ug/l	97
70) Styrene	12.044	104	426331	56.454	ug/l	100
71) Bromoform	12.209	173	101455	54.136	ug/l #	100
73) Isopropylbenzene	12.331	105	657924	52.631	ug/l	98
74) N-amyl acetate	12.142	43	201447	45.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	146757	48.030	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	192820	86.509	ug/l #	100
77) Bromobenzene	12.611	156	164874	54.433	ug/l	97
78) n-propylbenzene	12.672	91	808045	52.479	ug/l	98
79) 2-Chlorotoluene	12.758	91	451452	52.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	545558	53.470	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	50979	46.785	ug/l	94
82) 4-Chlorotoluene	12.855	91	474145	52.907	ug/l	98
83) tert-Butylbenzene	13.075	119	467257	52.860	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	538388	54.275	ug/l	99
85) sec-Butylbenzene	13.251	105	693189	52.251	ug/l	99
86) p-Isopropyltoluene	13.367	119	568862	53.321	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	311172	53.923	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	304431	52.224	ug/l	99
89) n-Butylbenzene	13.696	91	539772	51.838	ug/l	99
90) Hexachloroethane	13.959	117	115457	51.420	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	281338	53.988	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25157	46.618	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	163389	52.589	ug/l	98
94) Hexachlorobutadiene	15.111	225	98690	54.580	ug/l	99
95) Naphthalene	15.239	128	323096	47.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	145190	52.431	ug/l	99

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

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Quant Title : SW846 8260
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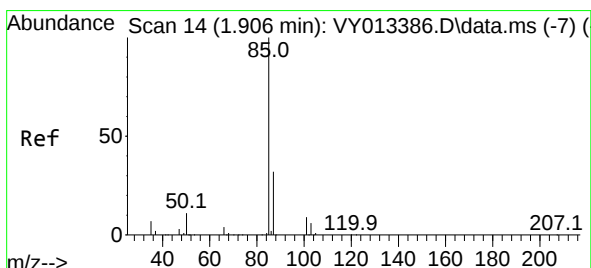
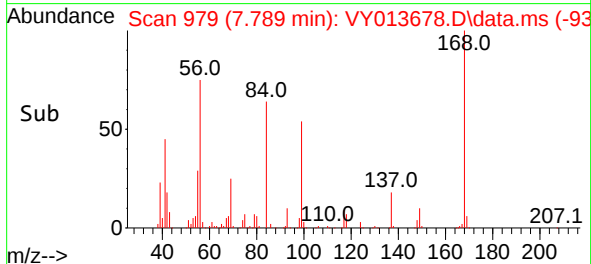
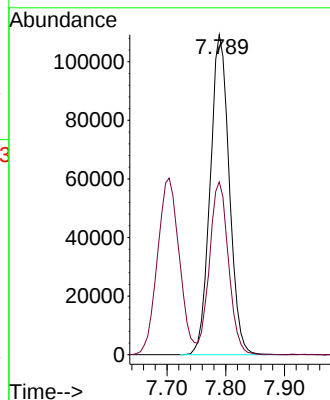
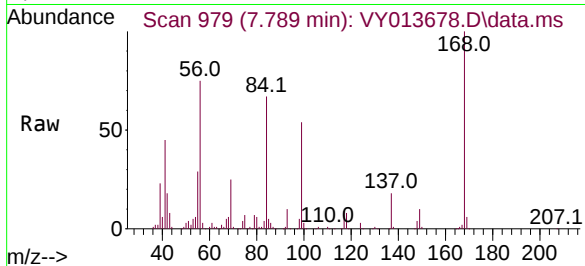




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013678.D
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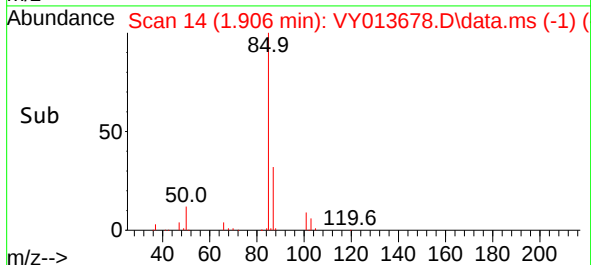
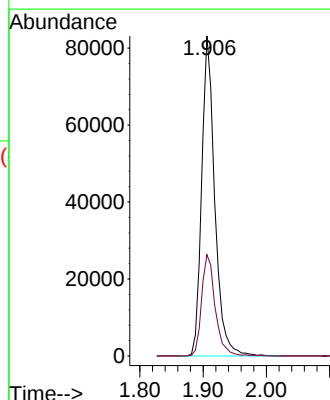
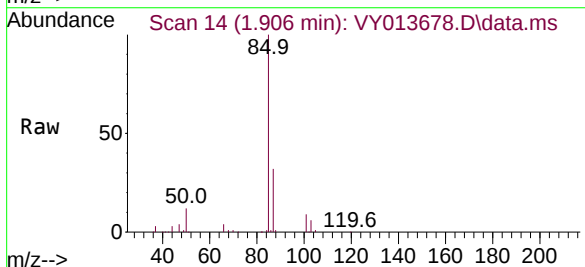
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 246211
Ion Ratio Lower Upper
168 100
99 53.9 41.8 62.6

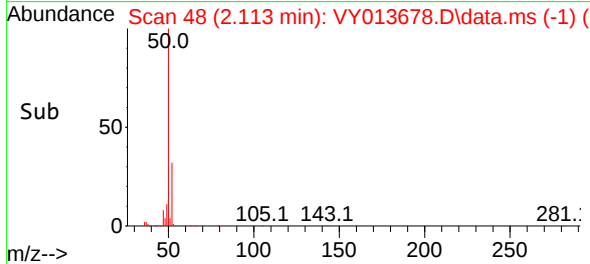
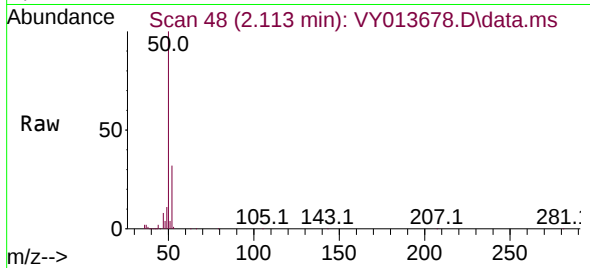
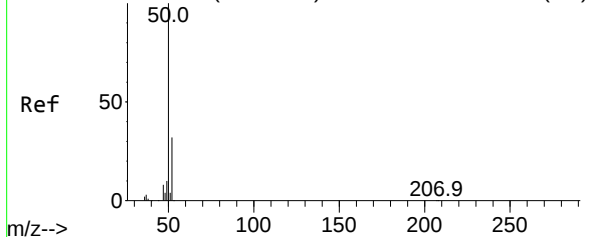


#2
Dichlorodifluoromethane
Concen: 51.218 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 85 Resp: 119886
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2



Abundance Scan 48 (2.113 min): VY013386.D\data.ms (-41)



#3

Chloromethane

Concen: 46.086 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

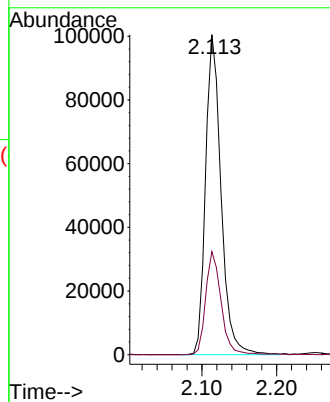
VSTDCCC050

Tgt Ion: 50 Resp: 144595

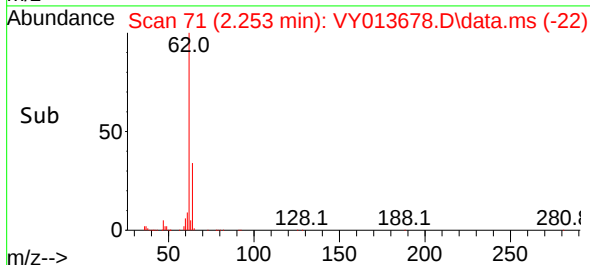
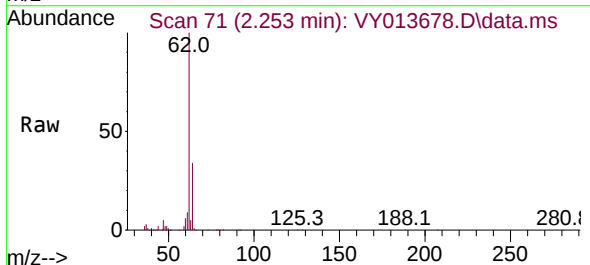
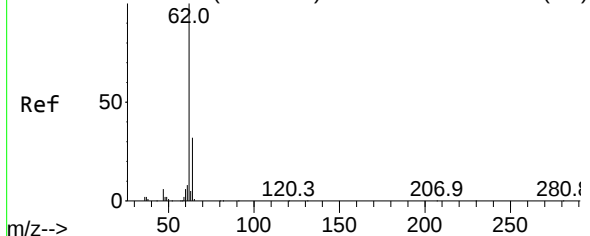
Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



Abundance Scan 71 (2.253 min): VY013386.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 45.783 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013678.D

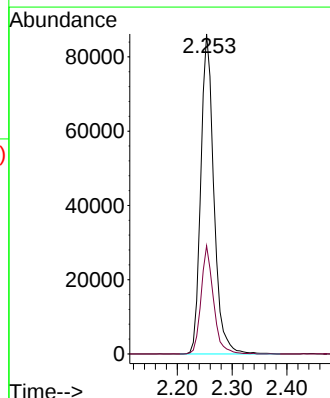
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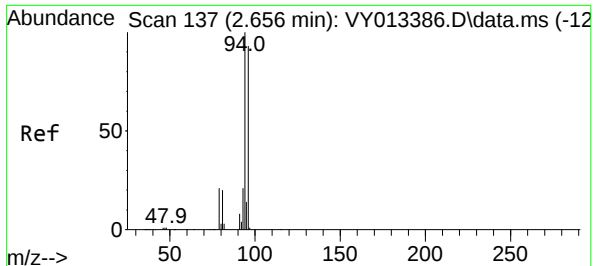
Tgt Ion: 62 Resp: 143028

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0

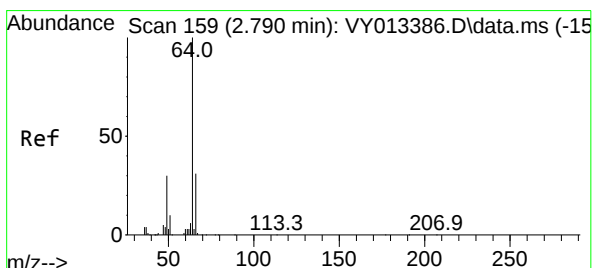
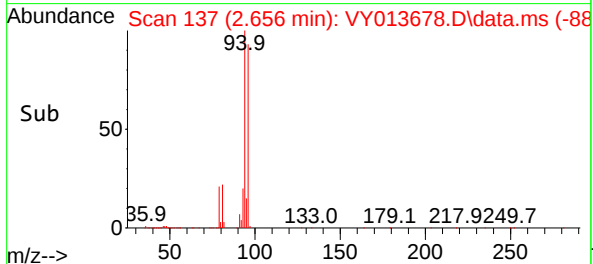
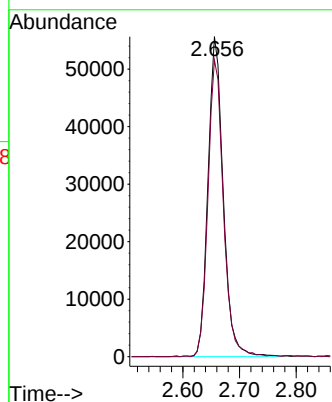
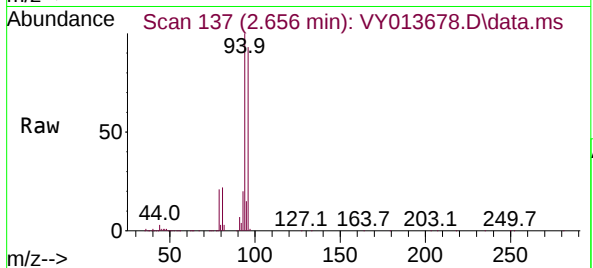




#5
Bromomethane
Concen: 41.768 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

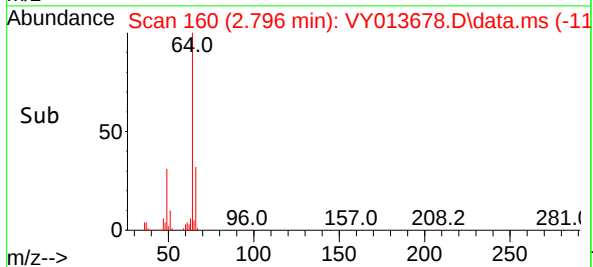
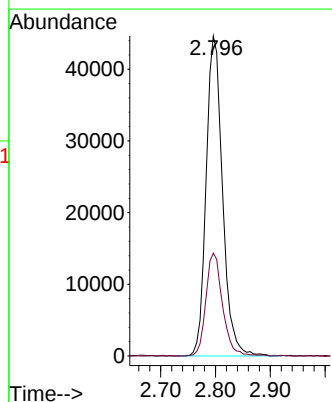
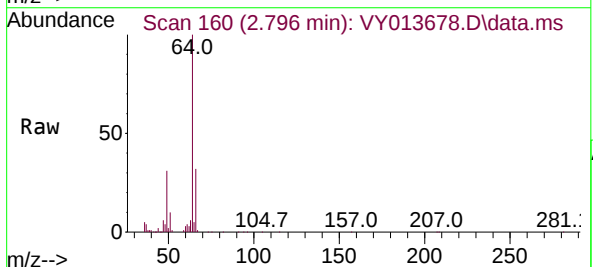
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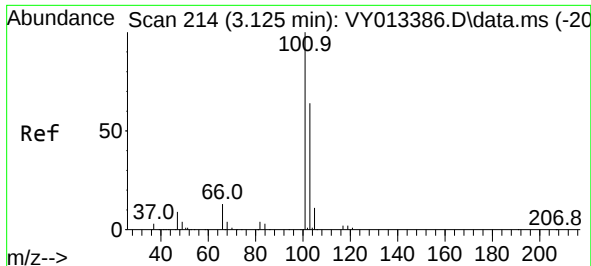
Tgt Ion: 94 Resp: 103981
Ion Ratio Lower Upper
94 100
96 92.7 74.2 111.2



#6
Chloroethane
Concen: 42.838 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 64 Resp: 92451
Ion Ratio Lower Upper
64 100
66 32.2 24.6 37.0

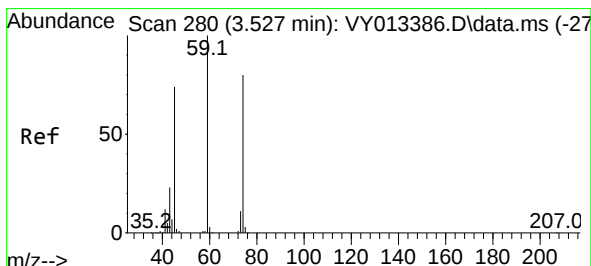
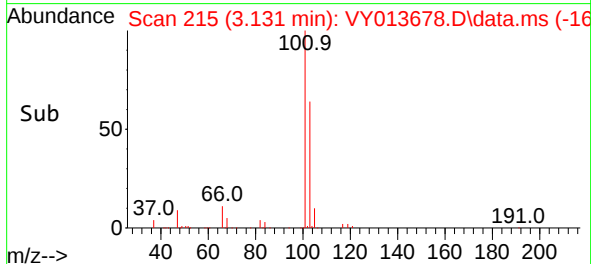
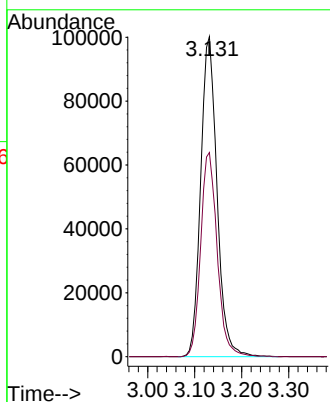
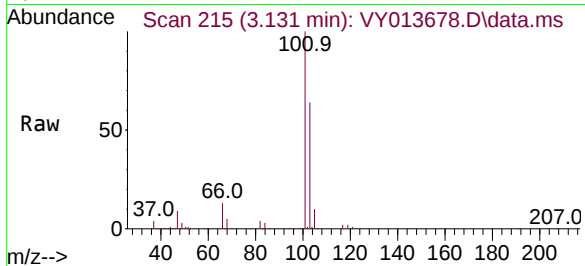




#7
 Trichlorofluoromethane
 Concen: 51.033 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013678.D
 Acq: 10 May 2023 10:48

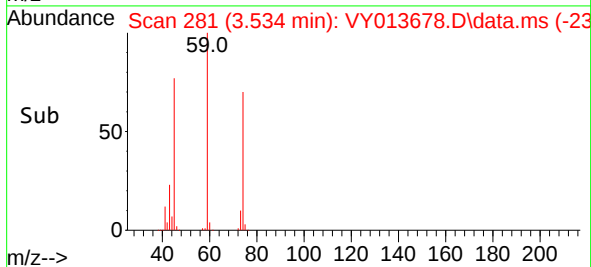
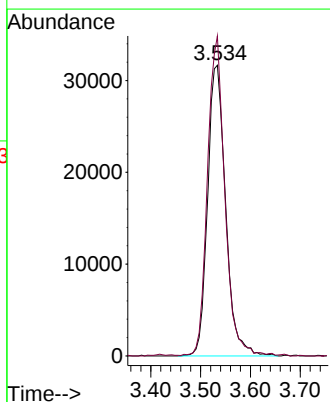
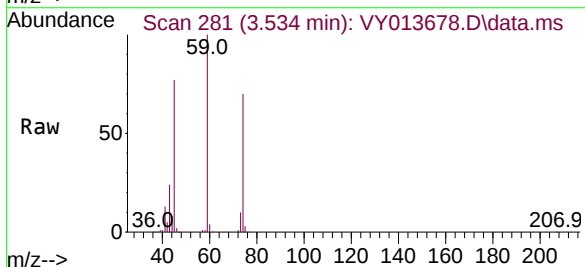
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

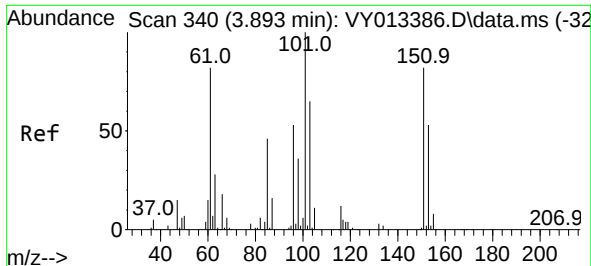
Tgt Ion:101 Resp: 241515
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.6 77.4



#8
 Diethyl Ether
 Concen: 49.383 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY013678.D
 Acq: 10 May 2023 10:48

Tgt Ion: 74 Resp: 79586
 Ion Ratio Lower Upper
 74 100
 45 105.5 48.2 144.6

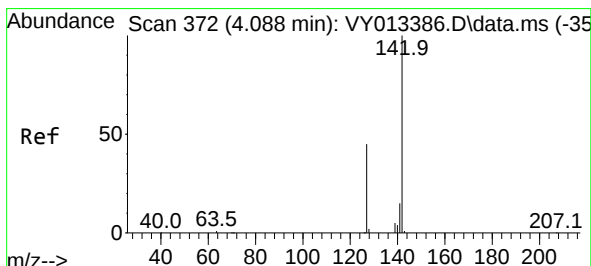
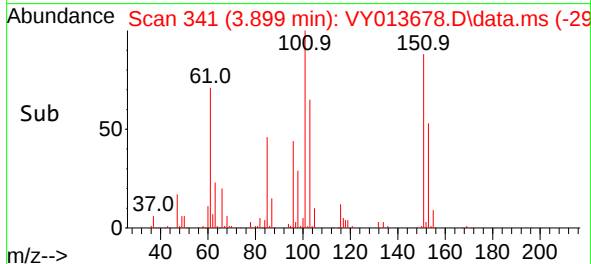
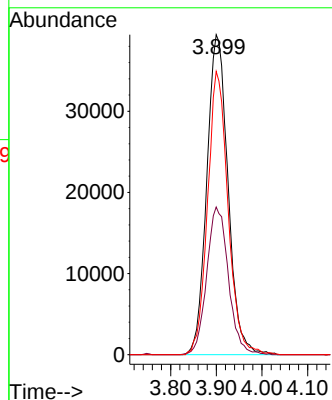
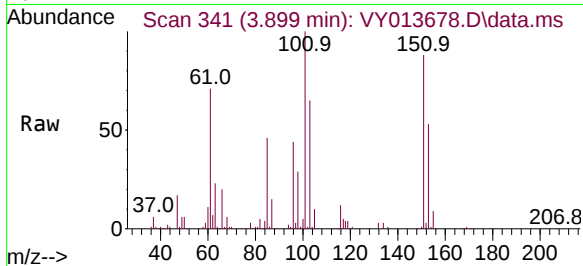




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.834 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013678.D
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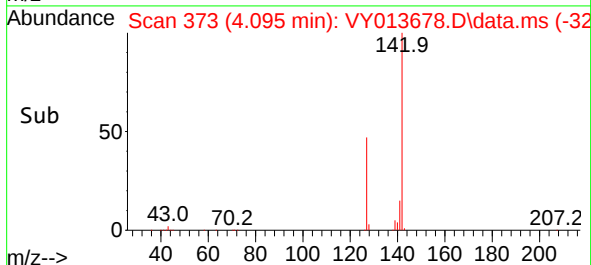
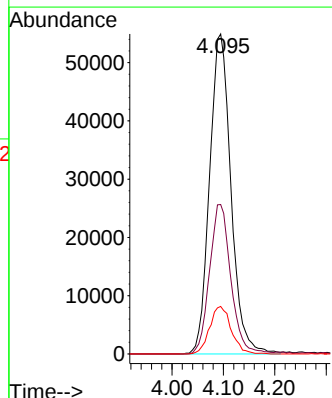
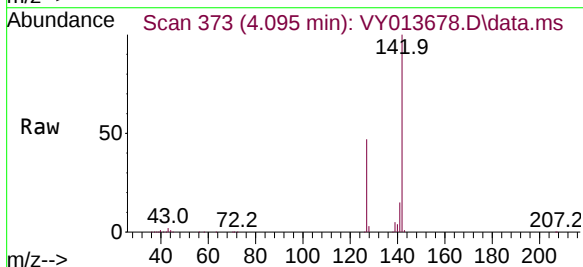
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

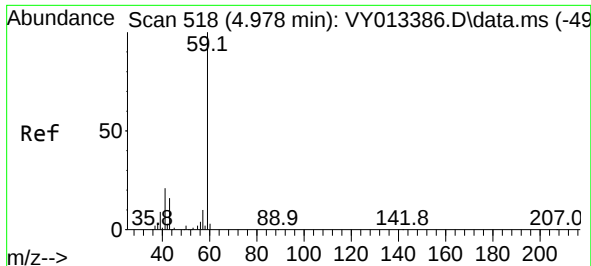
Tgt Ion:101 Resp: 126978
Ion Ratio Lower Upper
101 100
85 47.2 35.6 53.4
151 85.6 68.0 102.0



#10
Methyl Iodide
Concen: 47.562 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion:142 Resp: 158577
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 15.0 11.6 17.4

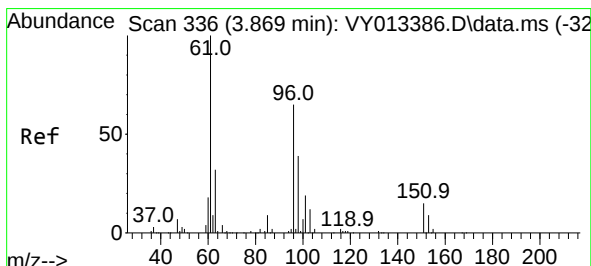
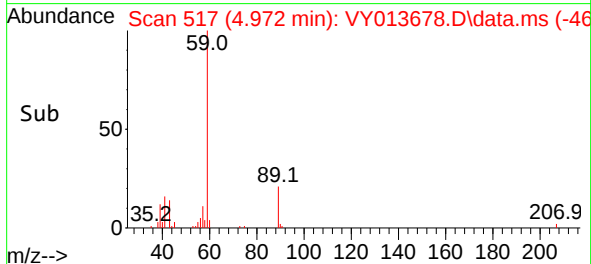
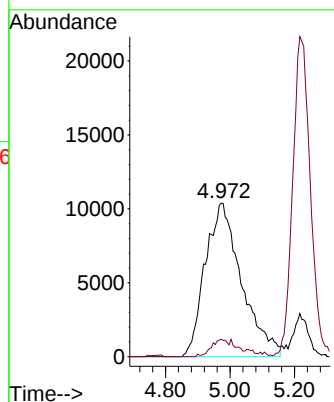
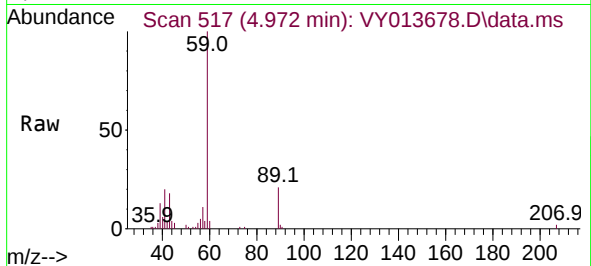




#11
Tert butyl alcohol
Concen: 267.388 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

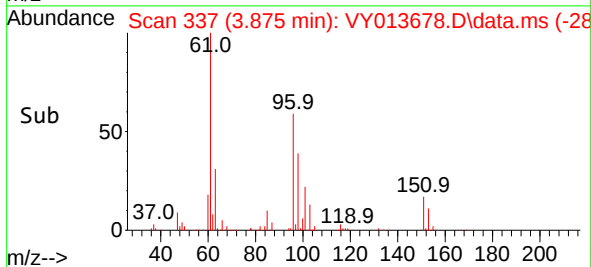
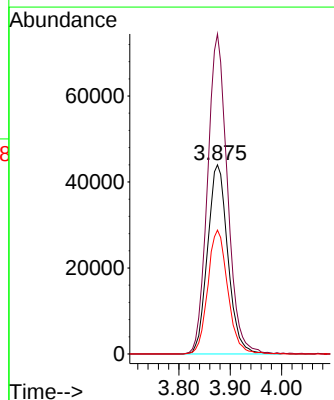
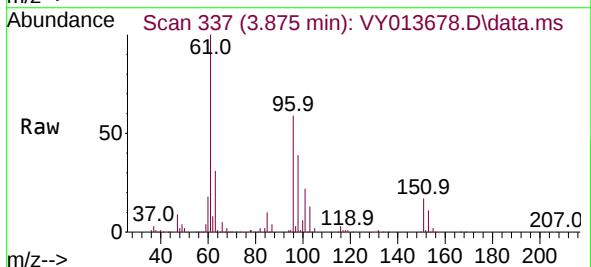
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

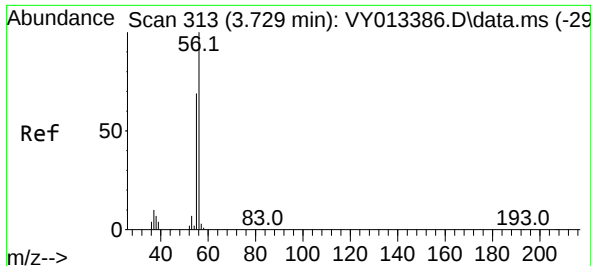
Tgt Ion: 59 Resp: 81300
Ion Ratio Lower Upper
59 100
57 5.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.239 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 96 Resp: 120877
Ion Ratio Lower Upper
96 100
61 169.2 123.9 185.9
98 65.5 48.9 73.3





#13

Acrolein

Concen: 162.406 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

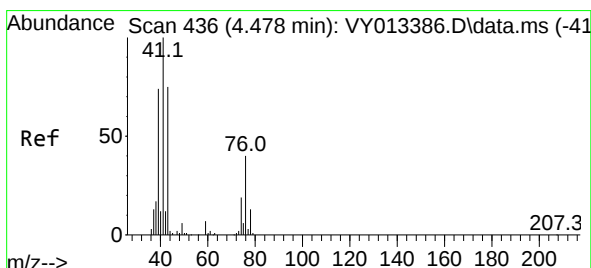
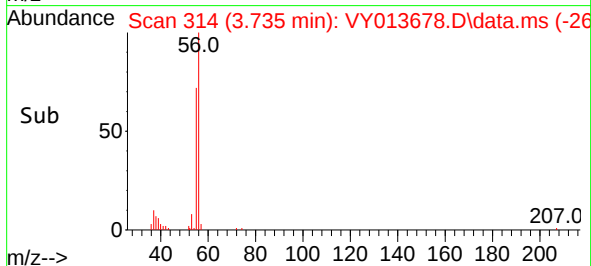
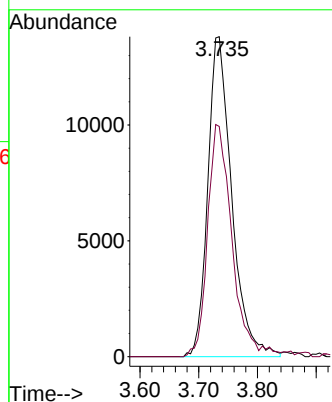
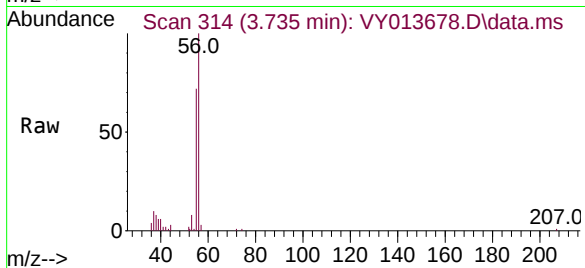
VSTDCCC050

Tgt Ion: 56 Resp: 39031

Ion Ratio Lower Upper

56 100

55 73.9 54.1 81.1



#14

Allyl chloride

Concen: 46.431 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

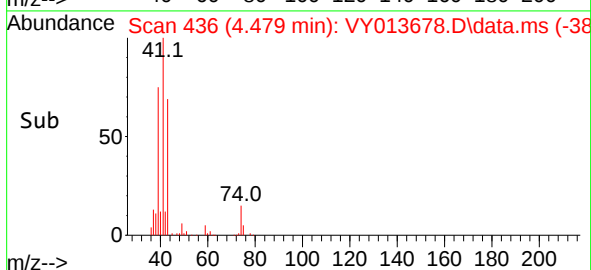
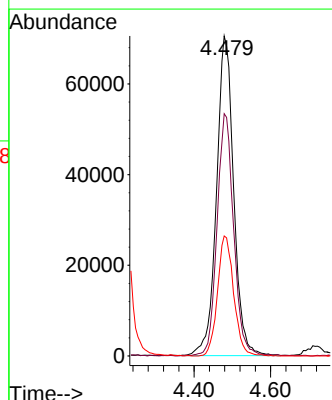
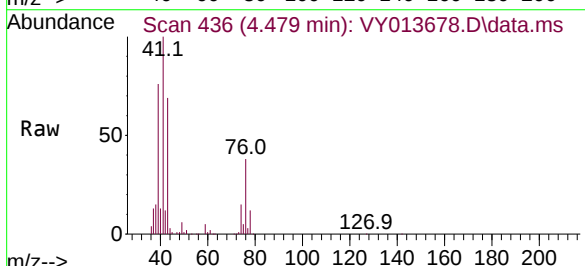
Tgt Ion: 41 Resp: 220453

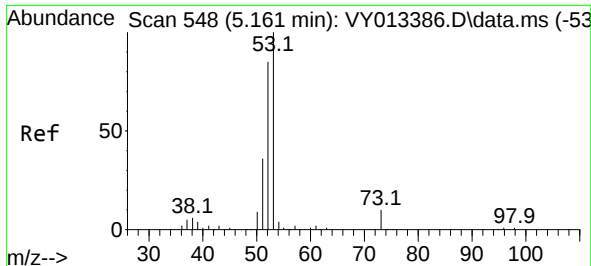
Ion Ratio Lower Upper

41 100

39 73.3 56.6 85.0

76 35.4 30.5 45.7

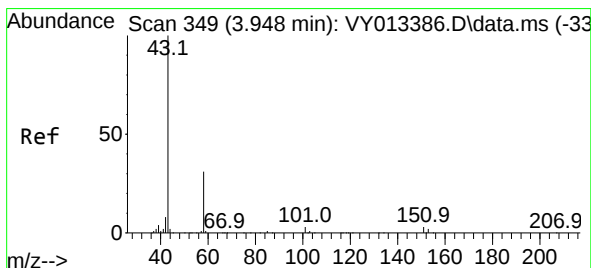
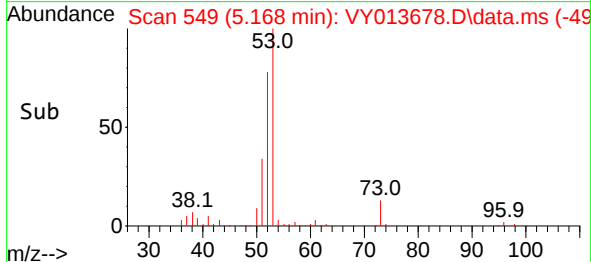
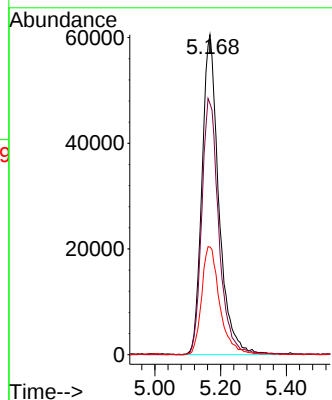
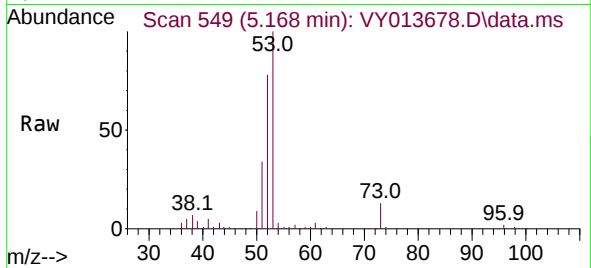




#15
Acrylonitrile
Concen: 239.342 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

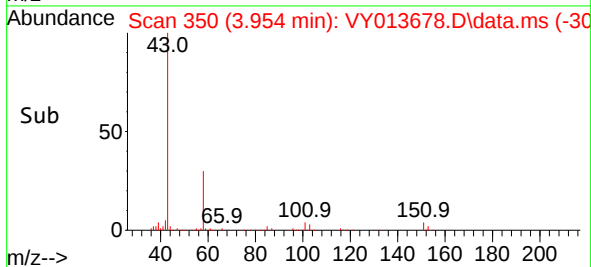
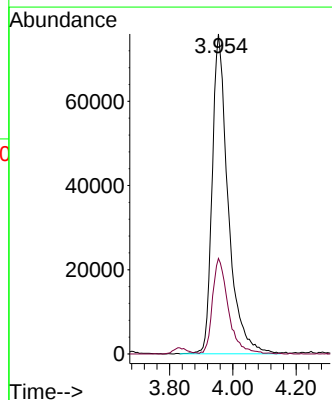
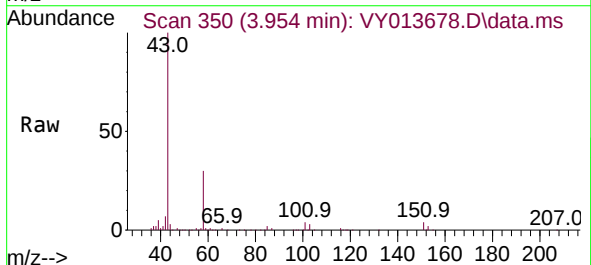
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

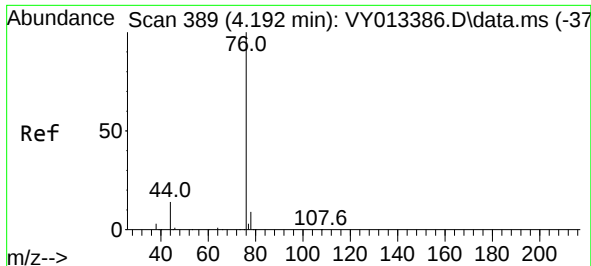
Tgt Ion: 53 Resp: 216019
Ion Ratio Lower Upper
53 100
52 80.7 65.4 98.0
51 36.3 29.3 43.9



#16
Acetone
Concen: 250.101 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 43 Resp: 265832
Ion Ratio Lower Upper
43 100
58 29.8 25.4 38.0

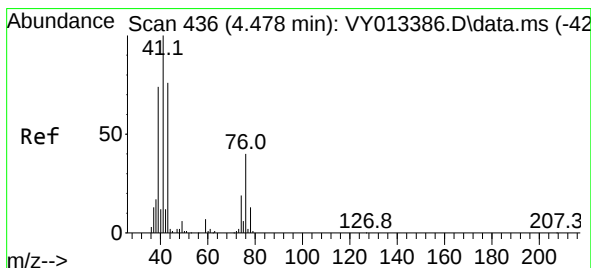
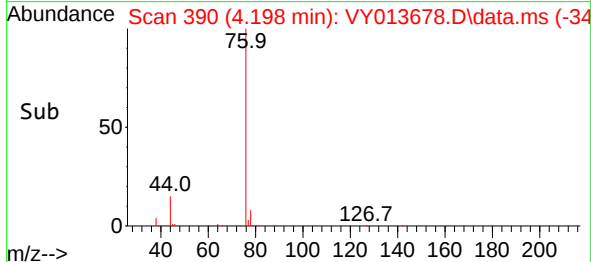
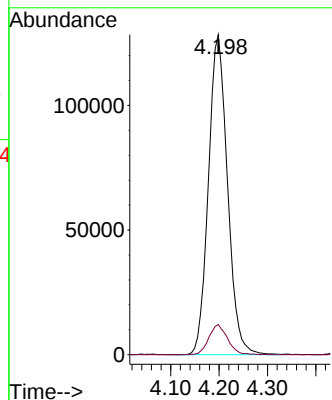
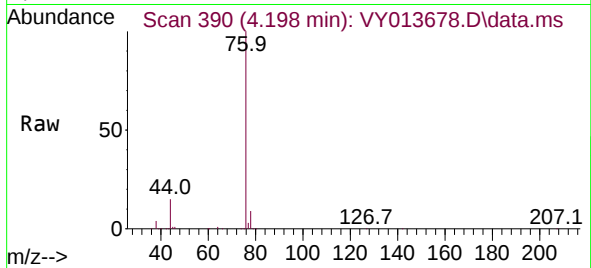




#17
Carbon Disulfide
Concen: 42.287 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

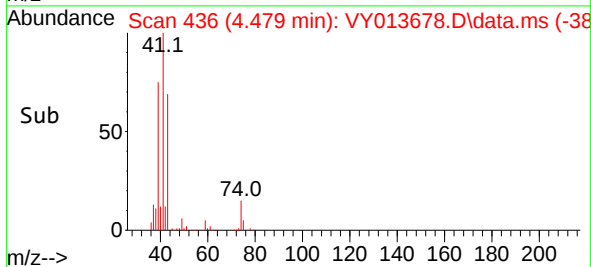
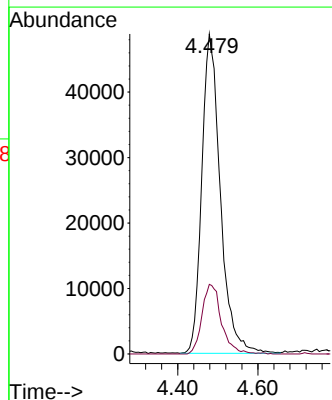
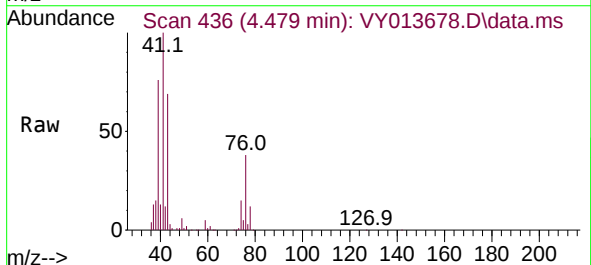
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

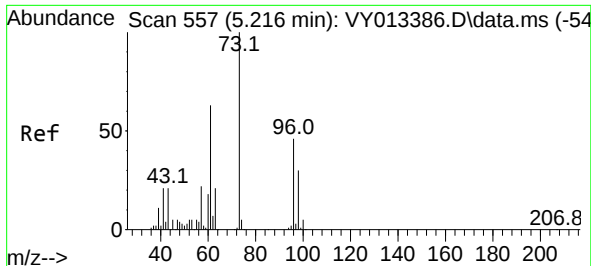
Tgt Ion: 76 Resp: 351484
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 44.750 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 43 Resp: 157097
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 49.664 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

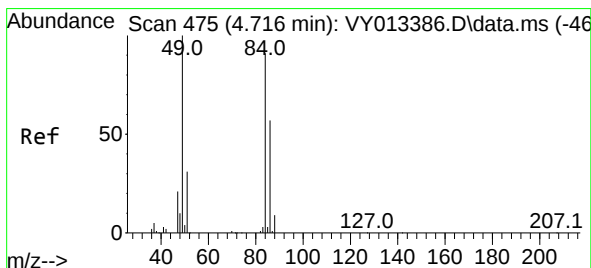
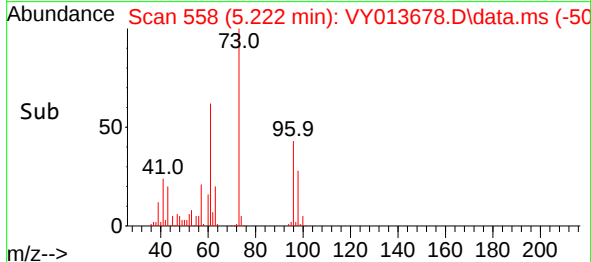
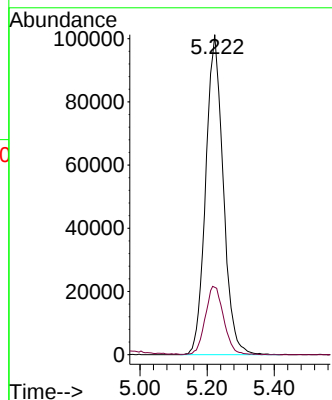
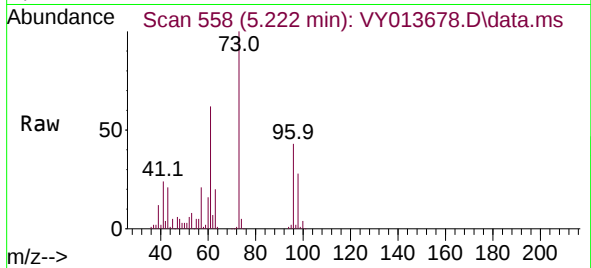
VSTDCCC050

Tgt Ion: 73 Resp: 366882

Ion Ratio Lower Upper

73 100

57 21.1 17.8 26.8



#20

Methylene Chloride

Concen: 46.746 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Tgt Ion: 84 Resp: 157408

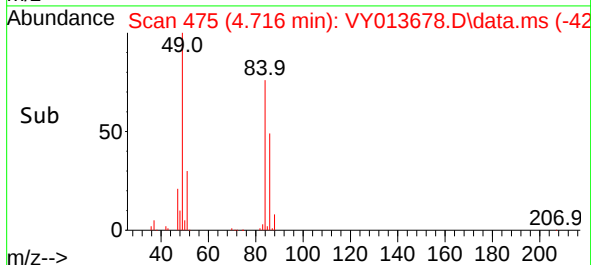
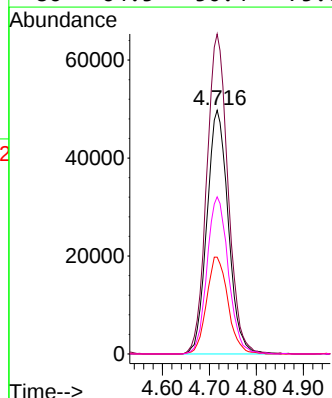
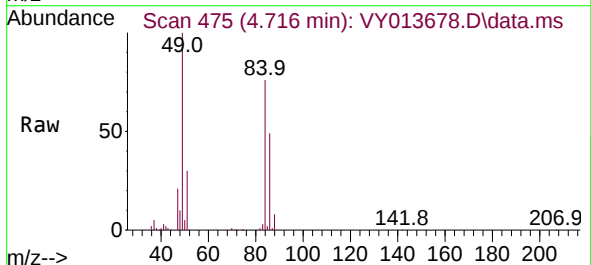
Ion Ratio Lower Upper

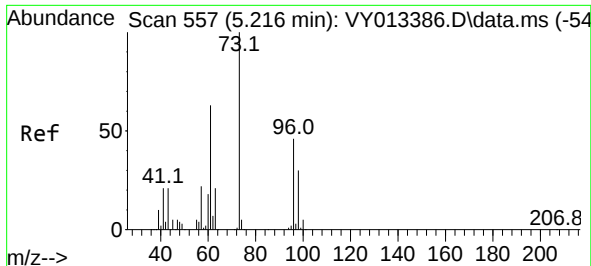
84 100

49 131.3 88.0 132.0

51 39.7 27.4 41.0

86 64.5 50.4 75.6

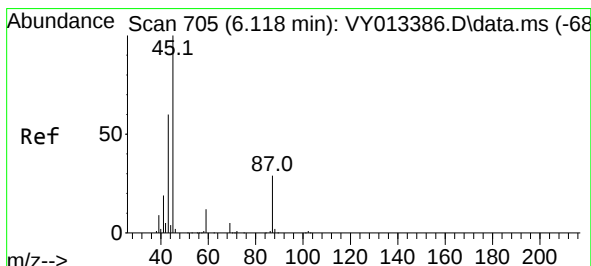
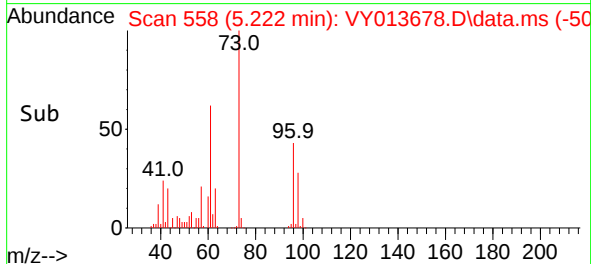
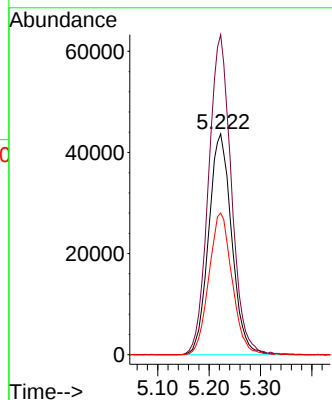
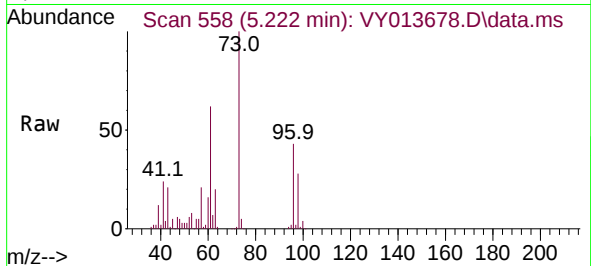




#21
trans-1,2-Dichloroethene
Concen: 48.619 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

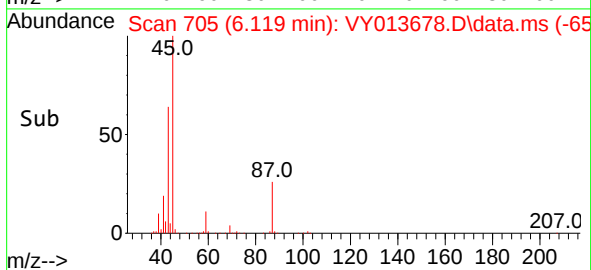
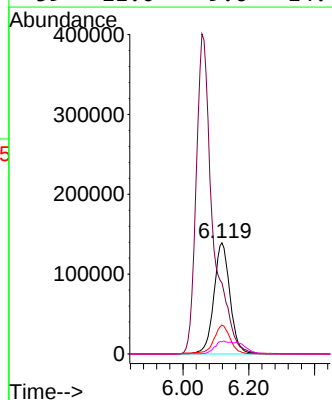
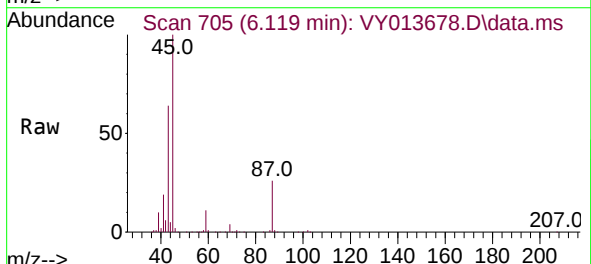
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 136023
Ion Ratio Lower Upper
96 100
61 144.9 110.6 165.8
98 64.1 53.1 79.7



#22
Diisopropyl ether
Concen: 50.888 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 45 Resp: 472250
Ion Ratio Lower Upper
45 100
43 63.7 48.4 72.6
87 26.0 23.8 35.6
59 11.0 9.6 14.4

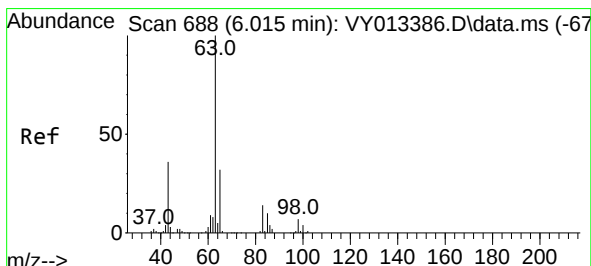
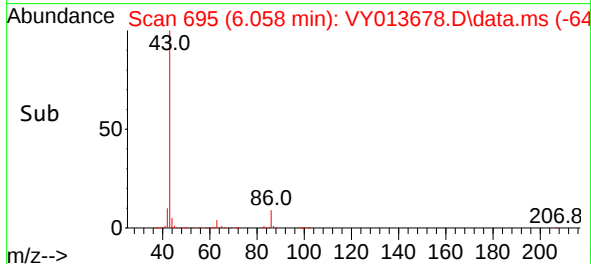
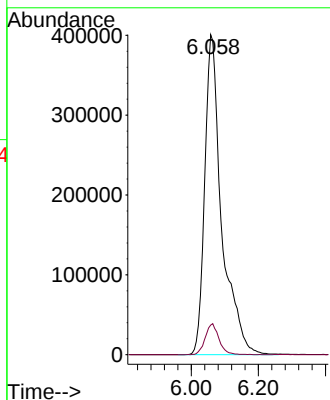
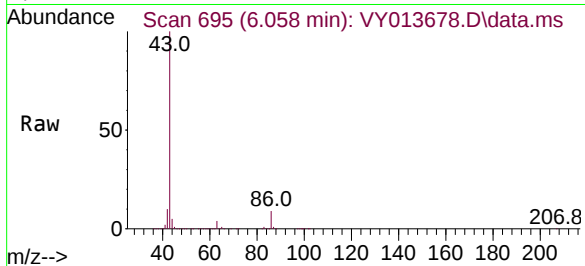




#23
 Vinyl Acetate
 Concen: 267.613 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013678.D
 Acq: 10 May 2023 10:48

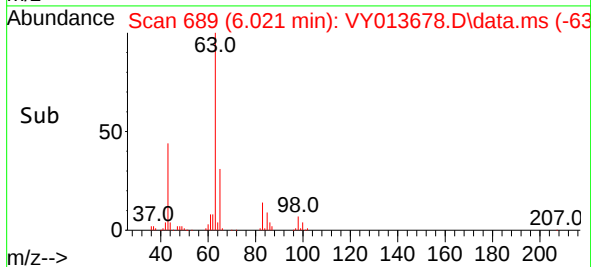
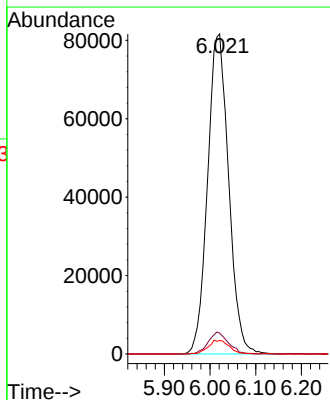
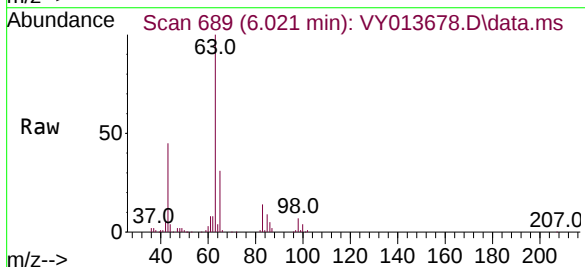
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

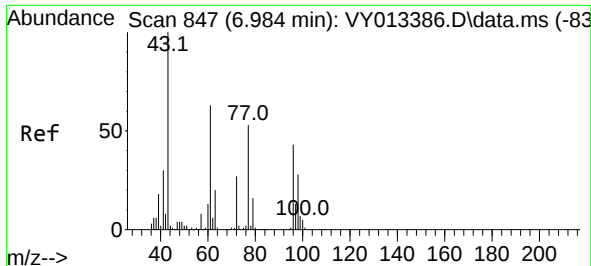
Tgt Ion: 43 Resp: 1406143
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.564 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013678.D
 Acq: 10 May 2023 10:48

Tgt Ion: 63 Resp: 261522
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 236.460 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

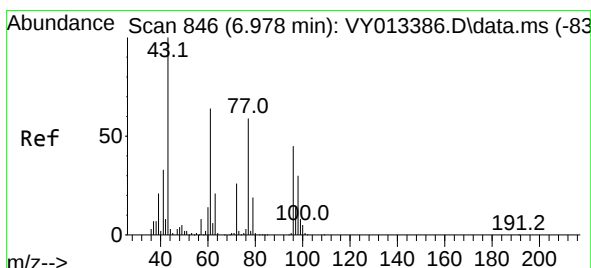
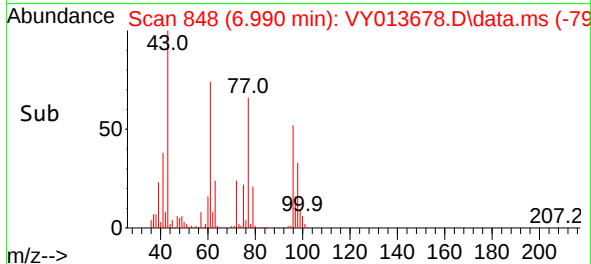
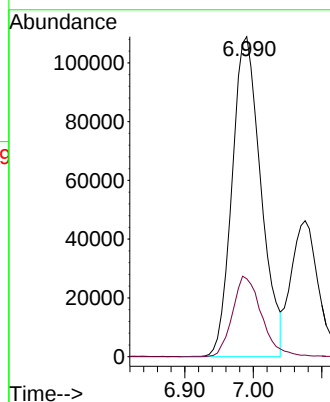
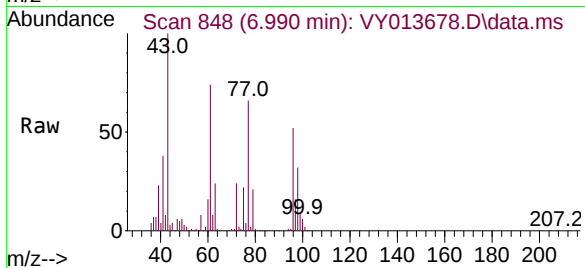
VSTDCCC050

Tgt Ion: 43 Resp: 318746

Ion Ratio Lower Upper

43 100

72 24.3 21.9 32.9



#26

2,2-Dichloropropane

Concen: 53.731 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013678.D

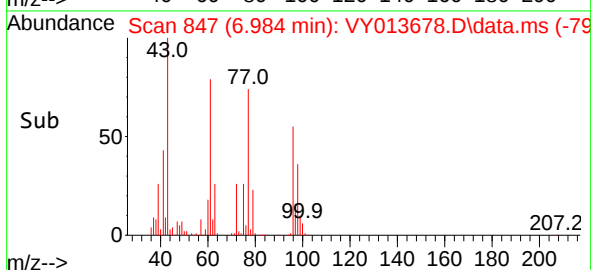
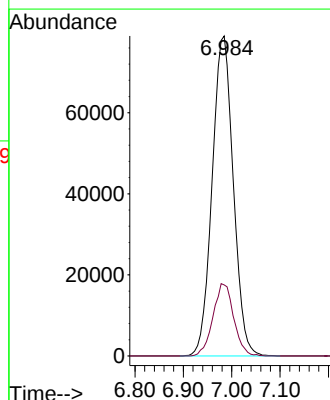
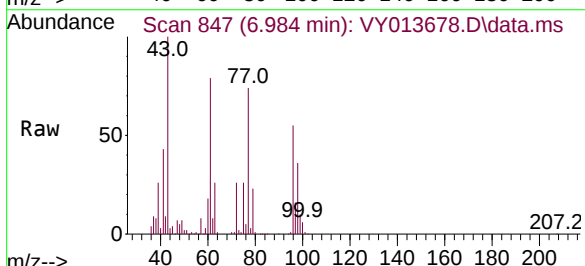
Acq: 10 May 2023 10:48

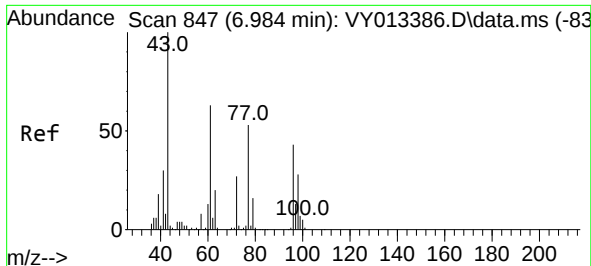
Tgt Ion: 77 Resp: 239468

Ion Ratio Lower Upper

77 100

97 22.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 51.471 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

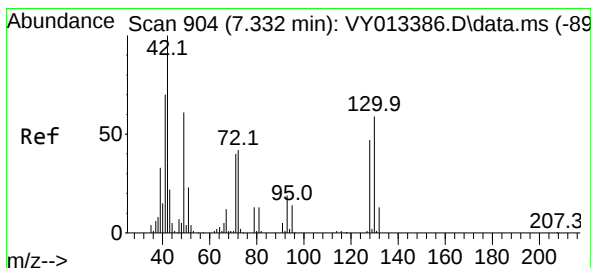
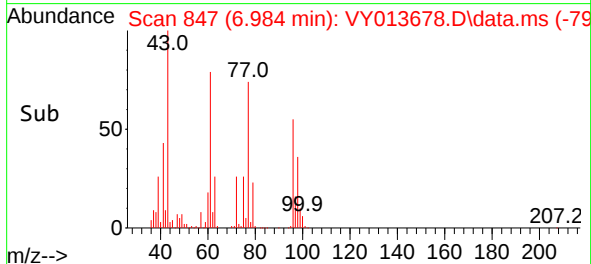
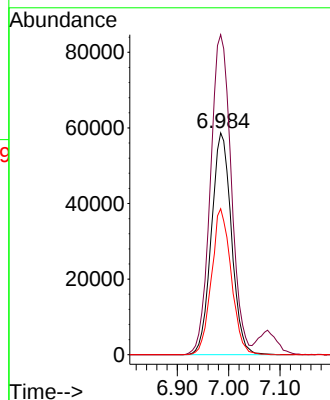
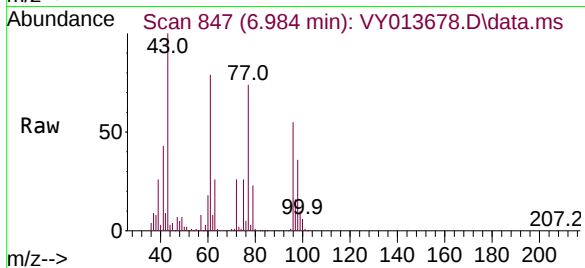
Tgt Ion: 96 Resp: 159105

Ion Ratio Lower Upper

96 100

61 149.9 0.0 285.0

98 64.7 0.0 130.6



#28

Bromochloromethane

Concen: 49.655 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

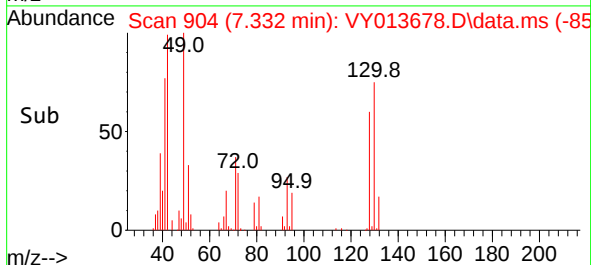
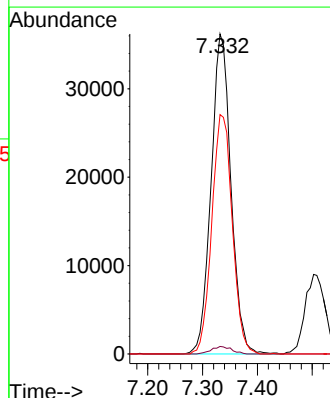
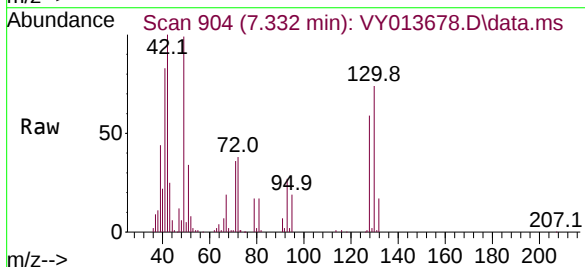
Tgt Ion: 49 Resp: 91137

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 76.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 215.551 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

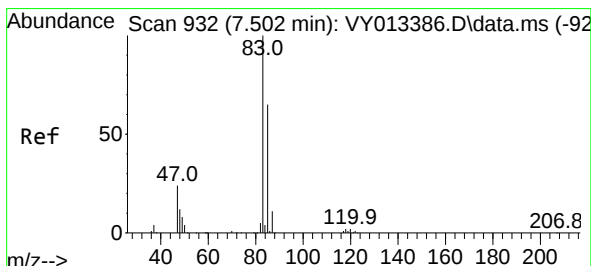
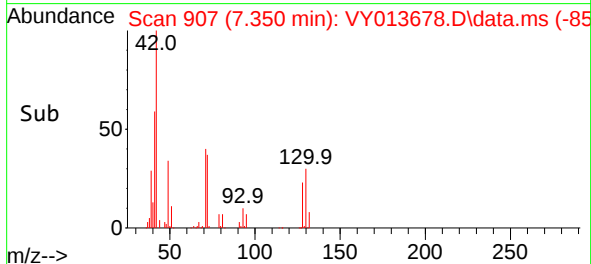
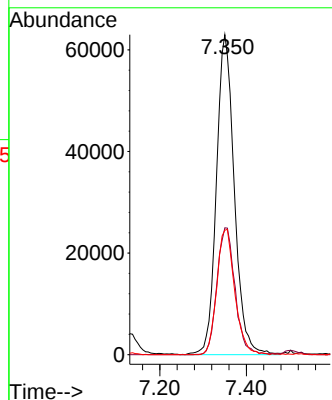
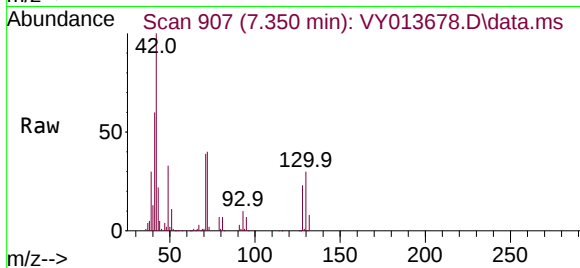
Tgt Ion: 42 Resp: 180868

Ion Ratio Lower Upper

42 100

72 40.0 35.9 53.9

71 39.3 34.3 51.5



#30

Chloroform

Concen: 53.728 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013678.D

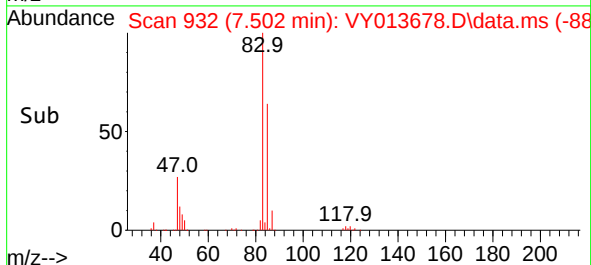
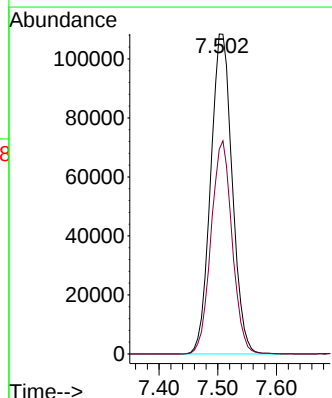
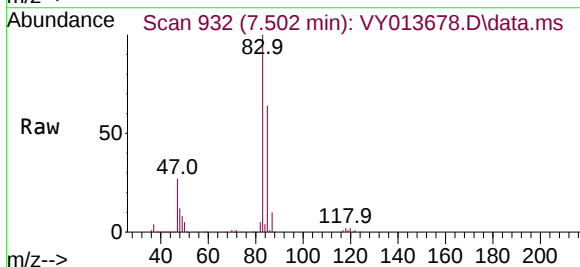
Acq: 10 May 2023 10:48

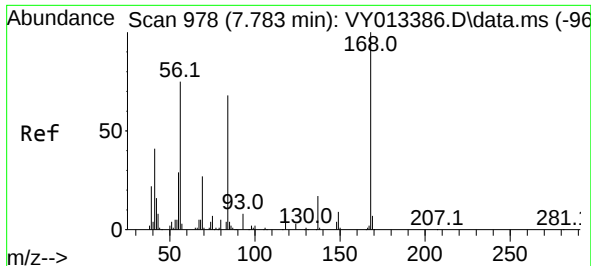
Tgt Ion: 83 Resp: 276290

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

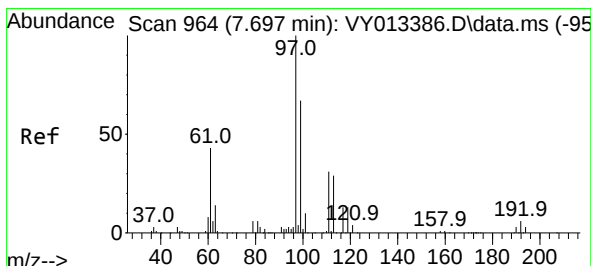
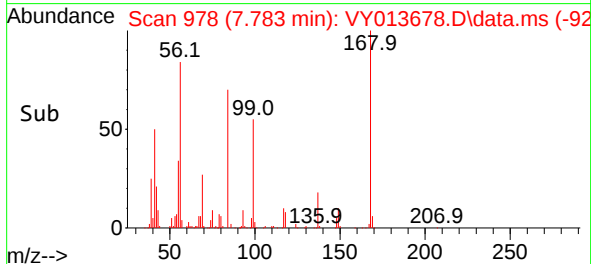
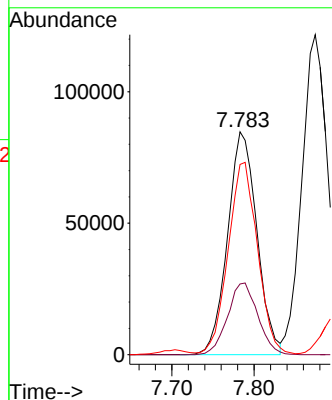
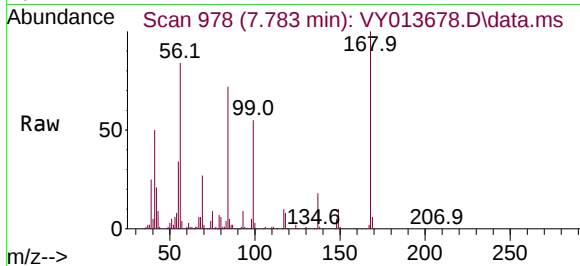




#31
Cyclohexane
Concen: 43.519 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

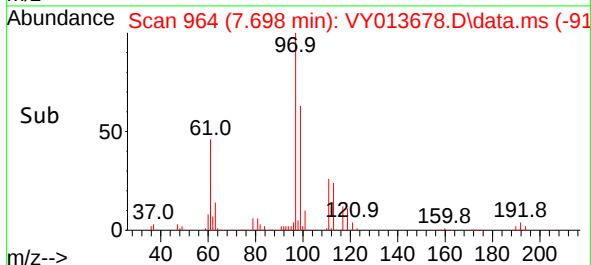
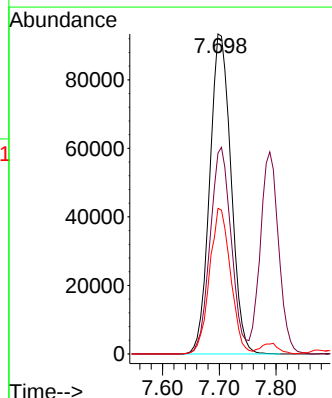
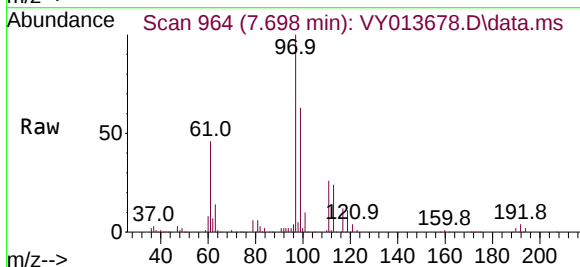
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

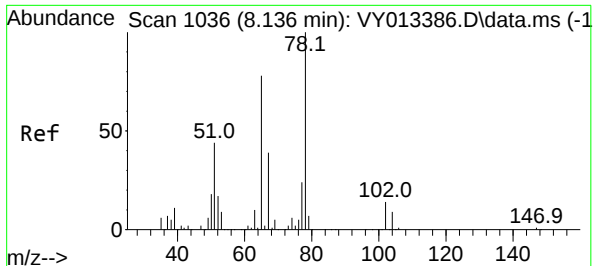
Tgt Ion: 56 Resp: 210300
Ion Ratio Lower Upper
56 100
69 31.8 29.2 43.8
84 83.5 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.076 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 97 Resp: 243555
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 45.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.857 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

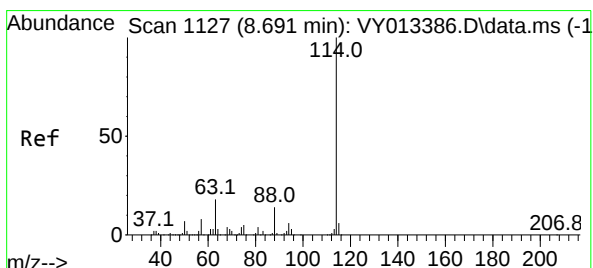
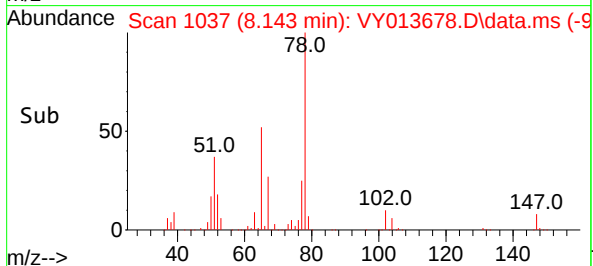
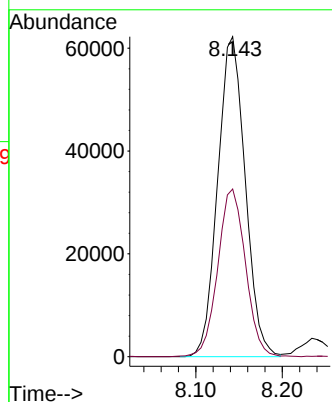
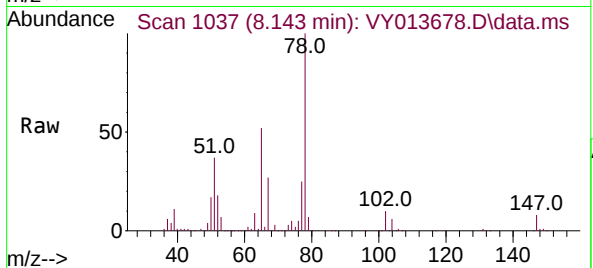
VSTDCCC050

Tgt Ion: 65 Resp: 137263

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

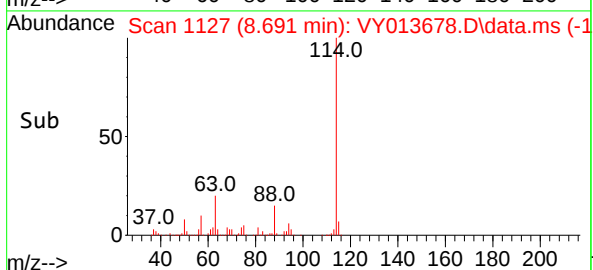
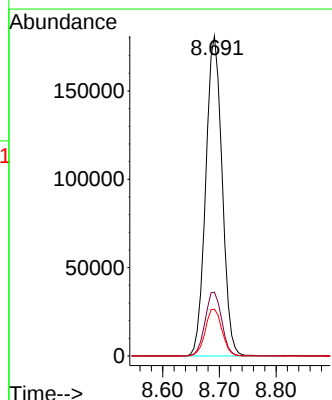
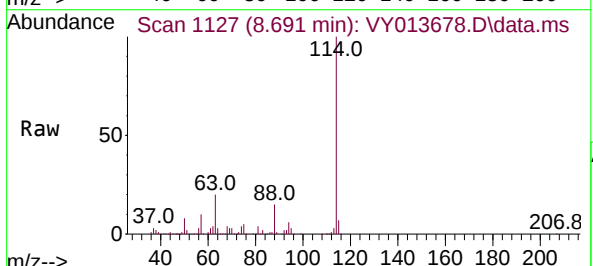
Tgt Ion: 114 Resp: 363021

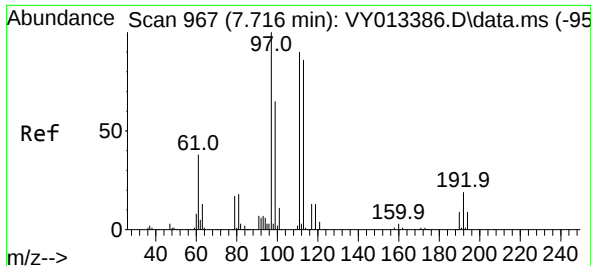
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 54.626 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

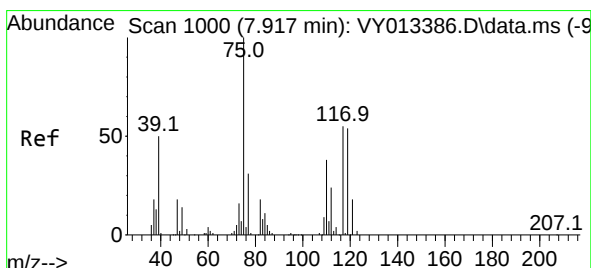
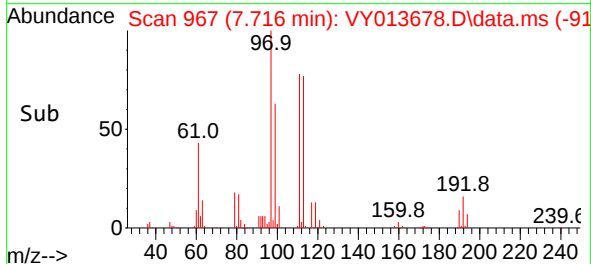
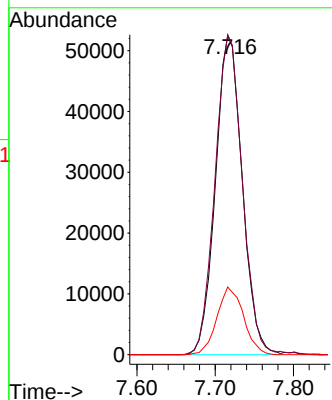
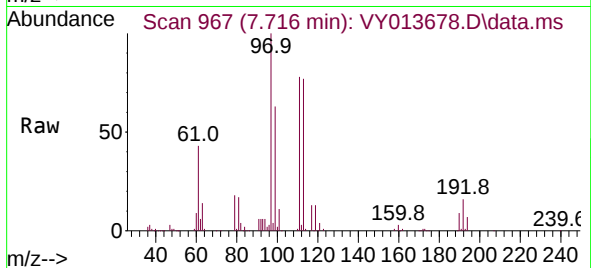
Tgt Ion:113 Resp: 124724

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 21.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 51.228 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

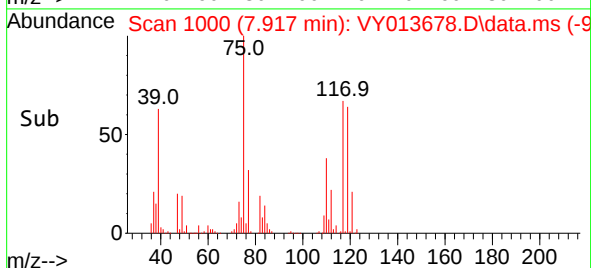
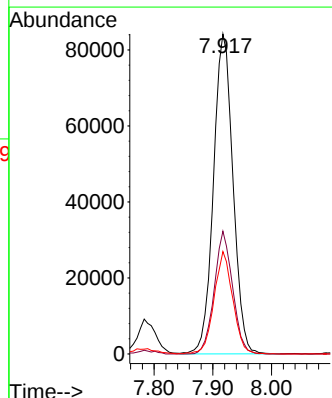
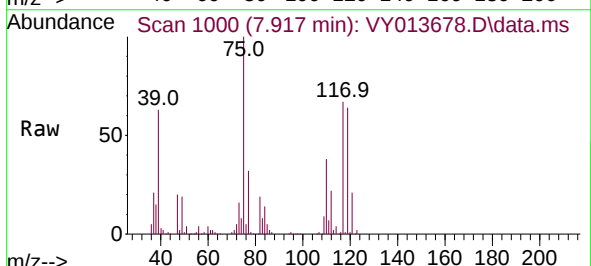
Tgt Ion: 75 Resp: 194120

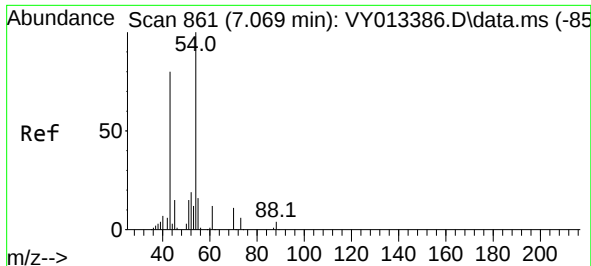
Ion Ratio Lower Upper

75 100

110 36.1 18.7 56.1

77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 46.053 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

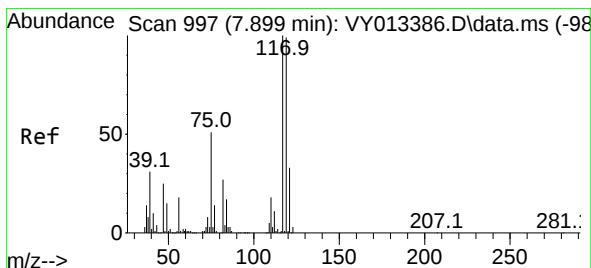
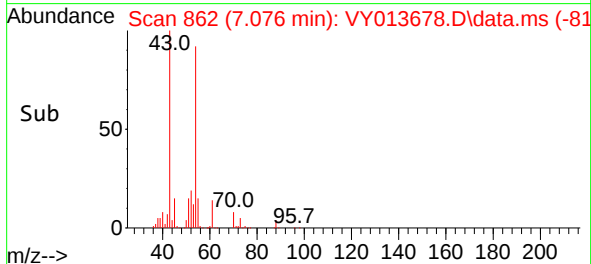
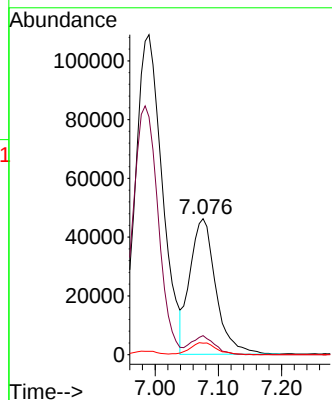
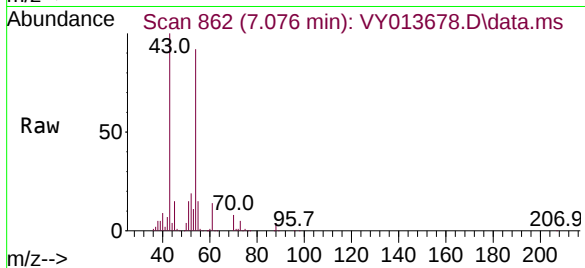
Tgt Ion: 43 Resp: 131326

Ion Ratio Lower Upper

43 100

61 12.5 11.4 17.0

70 9.1 7.9 11.9



#38

Carbon Tetrachloride

Concen: 56.688 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

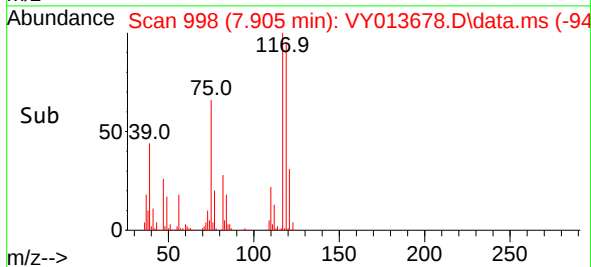
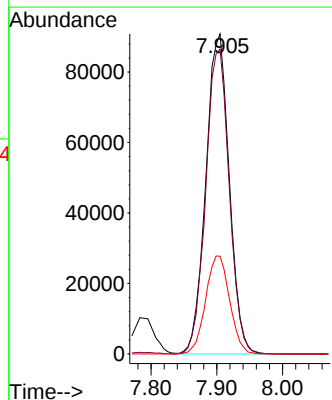
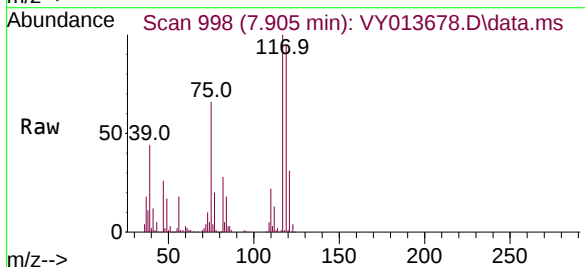
Tgt Ion: 117 Resp: 225146

Ion Ratio Lower Upper

117 100

119 95.3 79.0 118.6

121 30.5 26.6 40.0





#39

Methylcyclohexane

Concen: 49.853 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

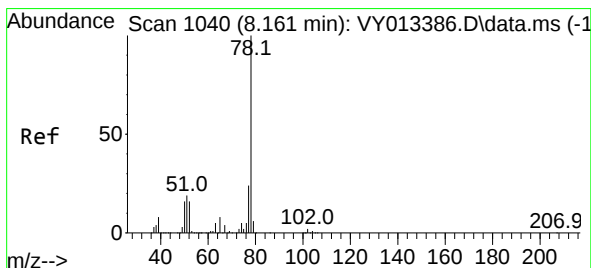
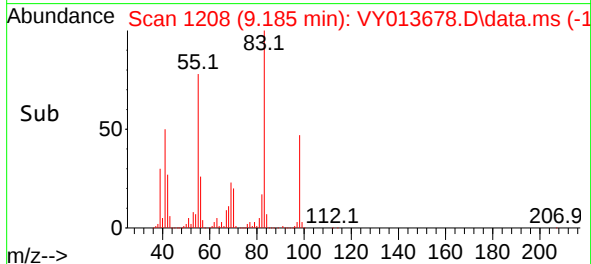
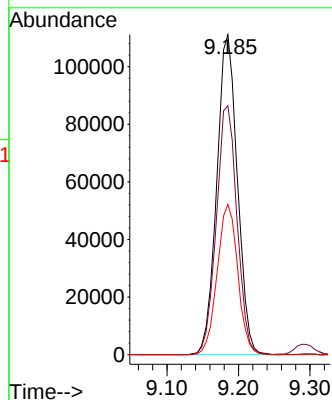
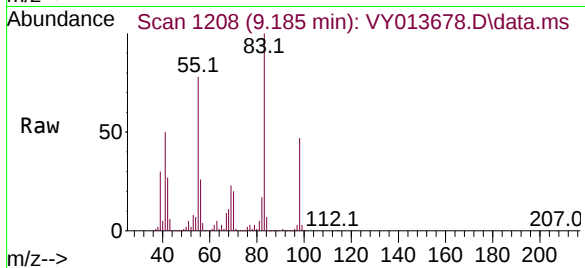
Tgt Ion: 83 Resp: 222705

Ion Ratio Lower Upper

83 100

55 77.8 59.0 88.4

98 47.0 37.0 55.4



#40

Benzene

Concen: 54.272 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013678.D

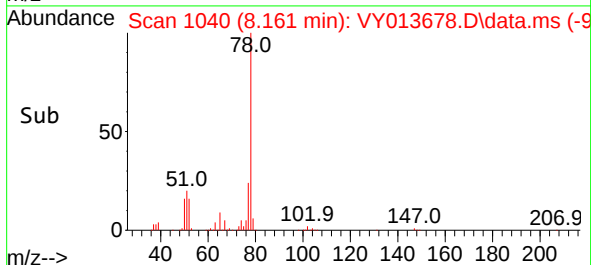
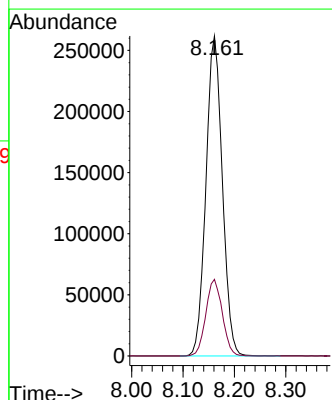
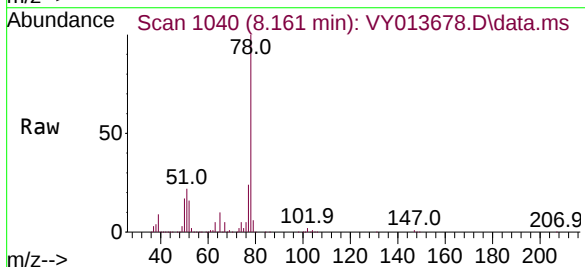
Acq: 10 May 2023 10:48

Tgt Ion: 78 Resp: 579302

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8

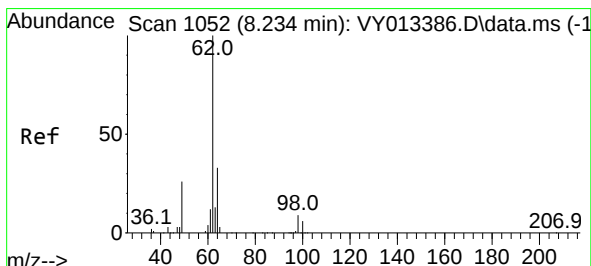
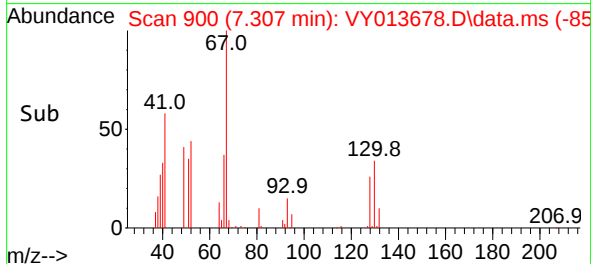
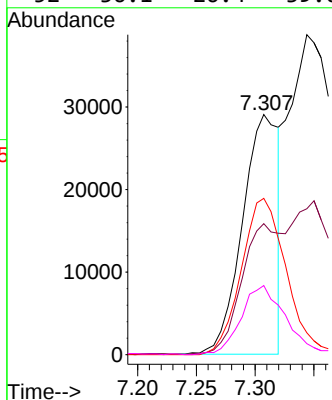
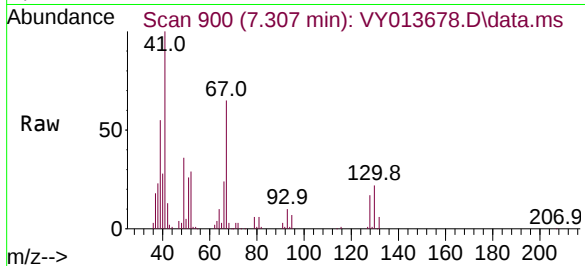




#41
Methacrylonitrile
Concen: 46.843 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

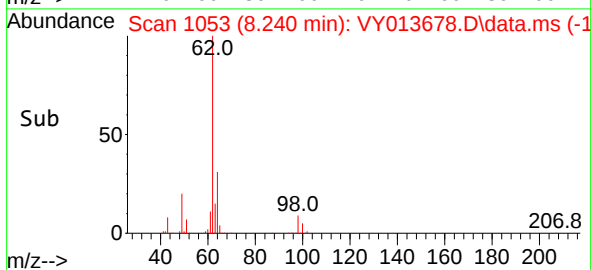
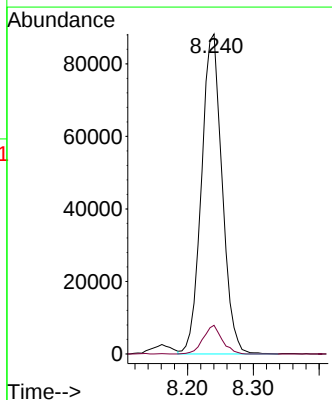
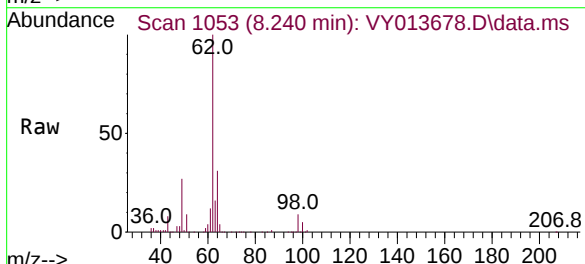
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

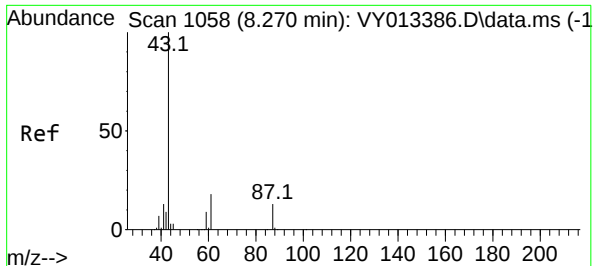
Tgt Ion:	41	Resp:	62246
Ion	Ratio	Lower	Upper
41	100		
39	63.6	44.2	66.4
67	80.9	62.9	94.3
52	36.1	26.4	39.6



#42
1,2-Dichloroethane
Concen: 55.197 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion:	62	Resp:	192621
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.8

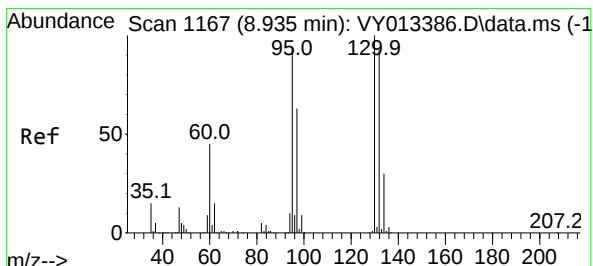
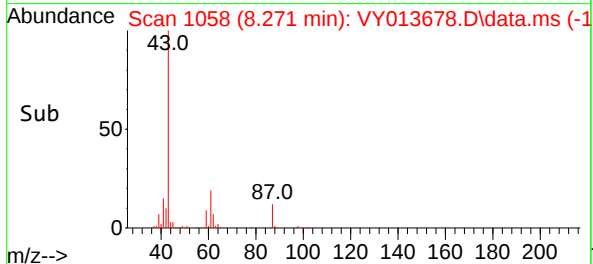
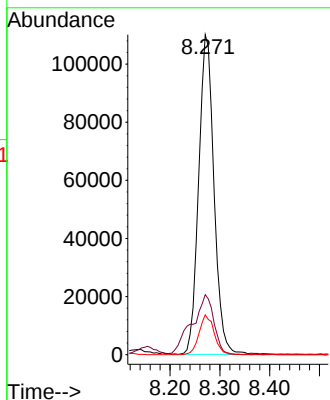
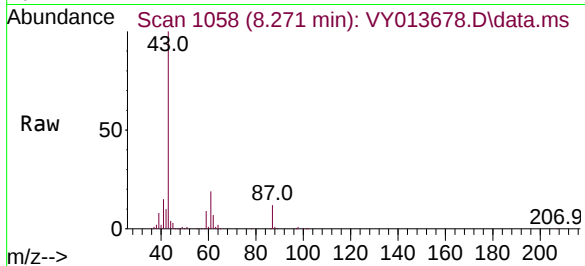




#43
Isopropyl Acetate
Concen: 48.806 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

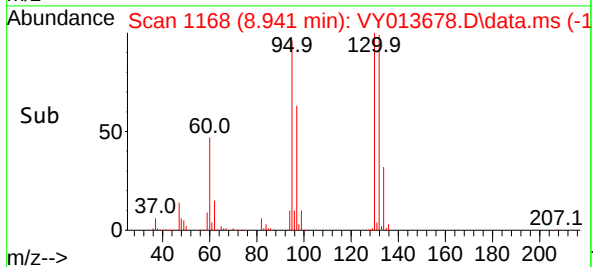
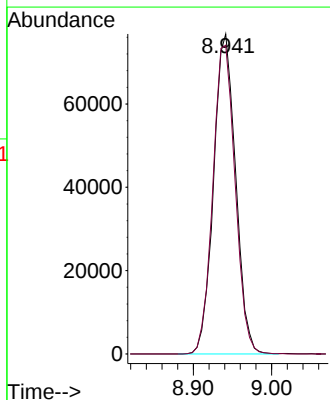
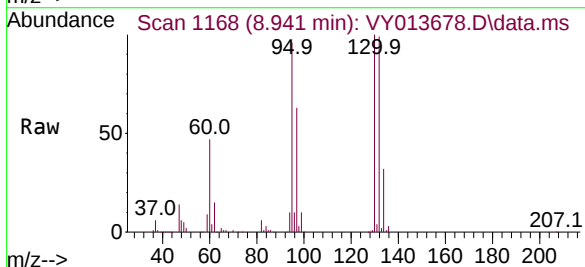
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

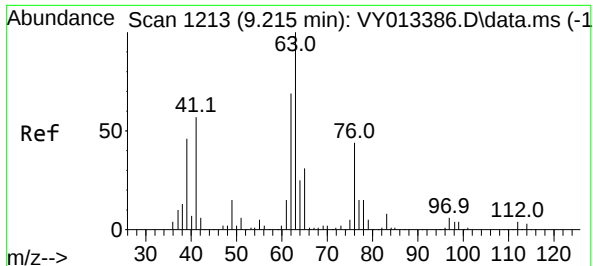
Tgt Ion: 43 Resp: 234915
Ion Ratio Lower Upper
43 100
61 27.0 22.2 33.4
87 12.2 11.0 16.6



#44
Trichloroethene
Concen: 52.855 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion:130 Resp: 150073
Ion Ratio Lower Upper
130 100
95 96.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.681 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

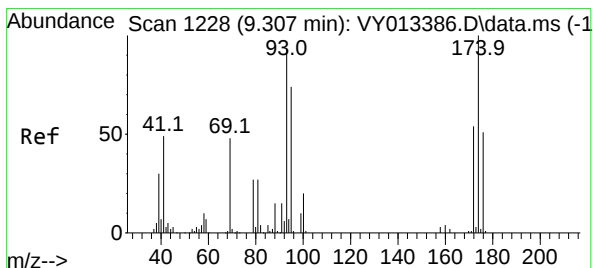
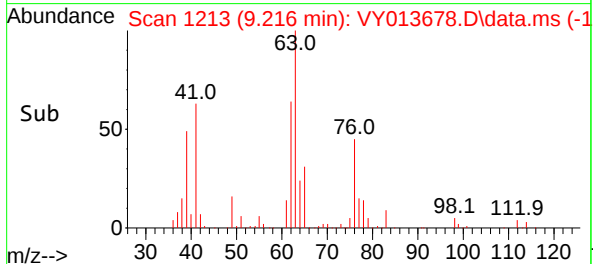
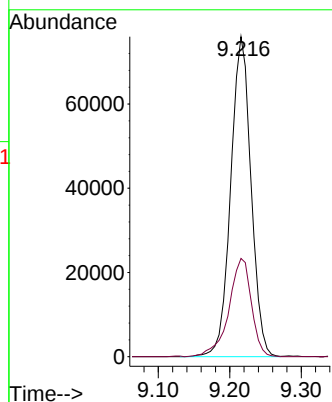
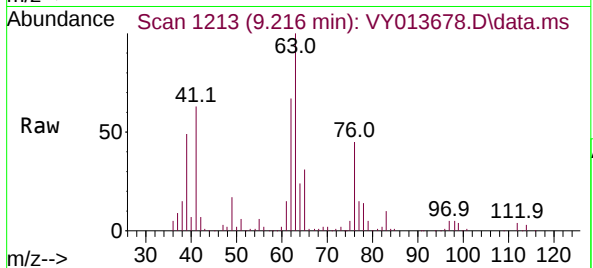
VSTDCCC050

Tgt Ion: 63 Resp: 149819

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 52.805 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

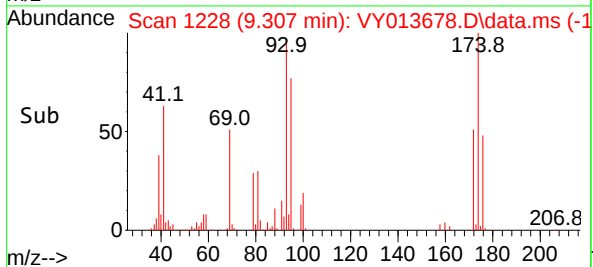
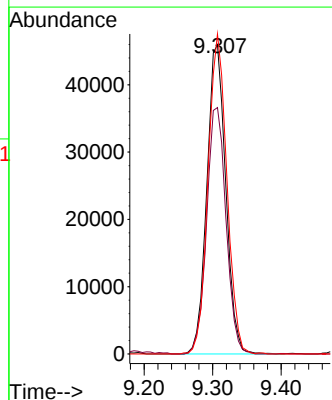
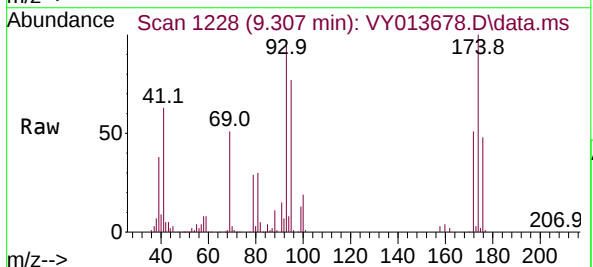
Tgt Ion: 93 Resp: 88179

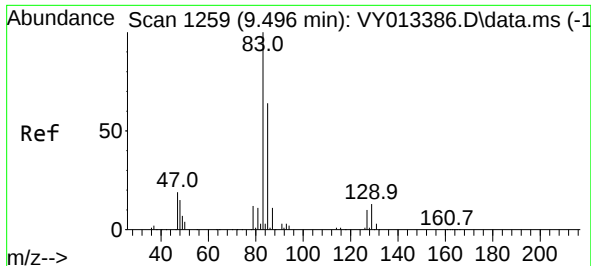
Ion Ratio Lower Upper

93 100

95 81.7 67.1 100.7

174 102.8 87.0 130.4





#47

Bromodichloromethane

Concen: 57.047 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

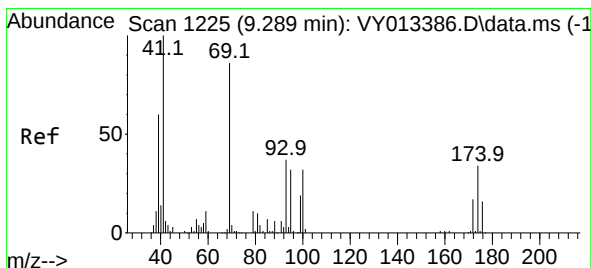
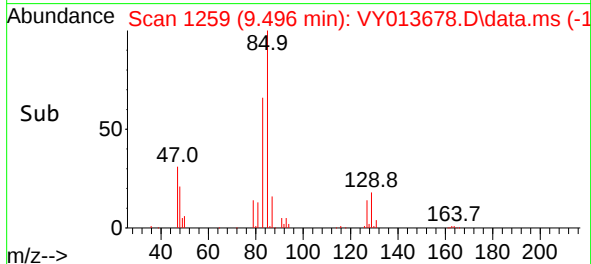
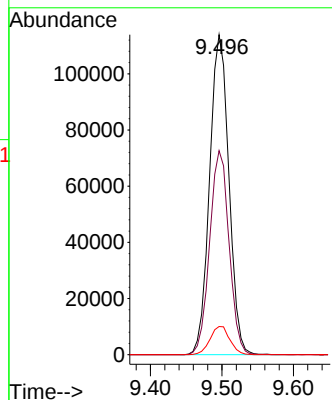
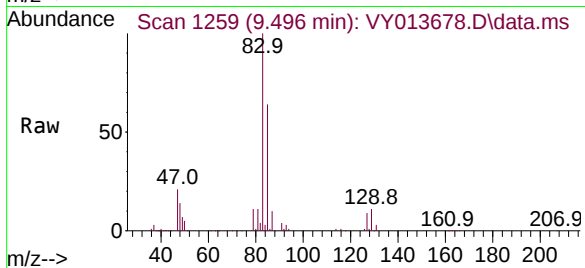
Tgt Ion: 83 Resp: 213165

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.2

127 8.8 8.1 12.1



#48

Methyl methacrylate

Concen: 48.693 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

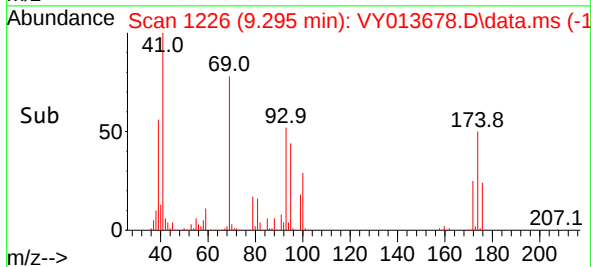
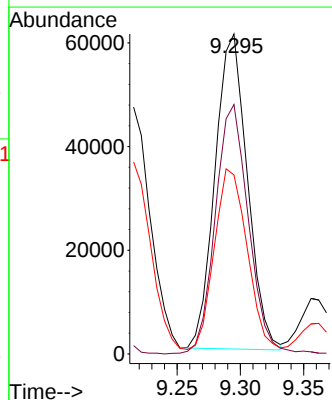
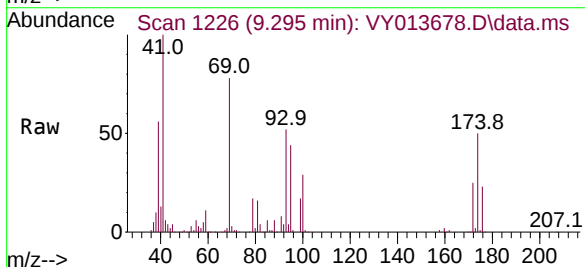
Tgt Ion: 41 Resp: 107638

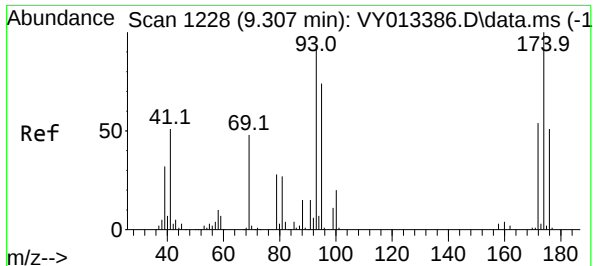
Ion Ratio Lower Upper

41 100

69 81.7 70.2 105.4

39 61.1 47.9 71.9





#49

1,4-Dioxane

Concen: 921.560 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

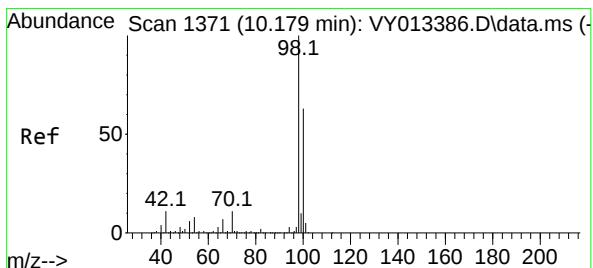
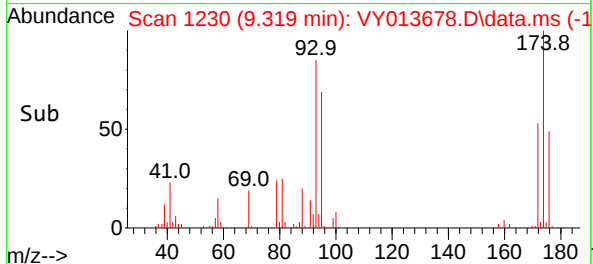
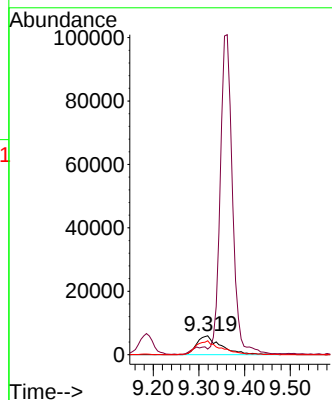
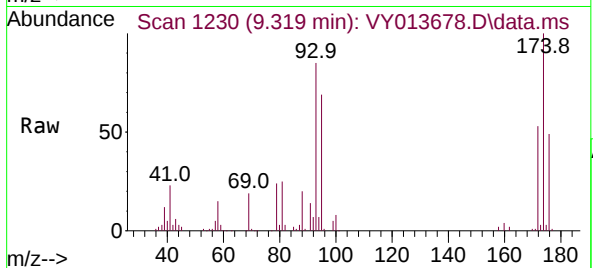
Tgt Ion: 88 Resp: 21979

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 75.9 54.3 81.5



#50

Toluene-d8

Concen: 51.238 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013678.D

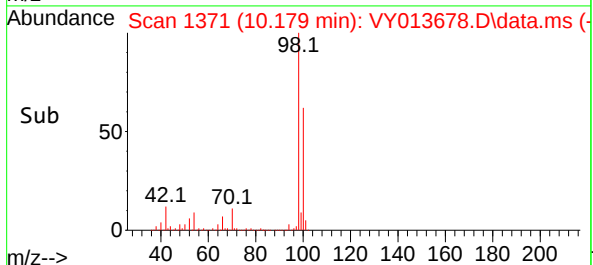
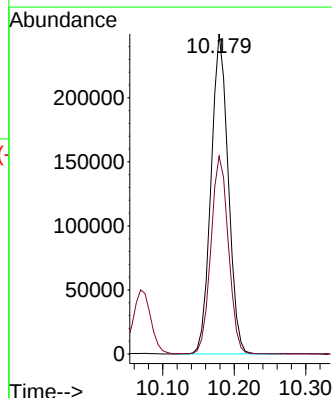
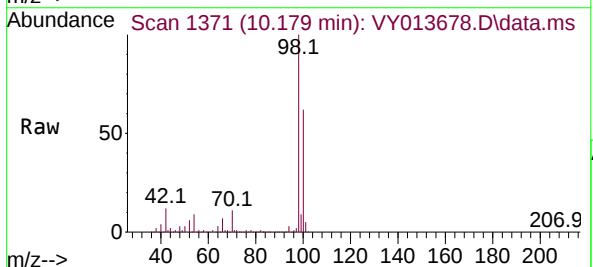
Acq: 10 May 2023 10:48

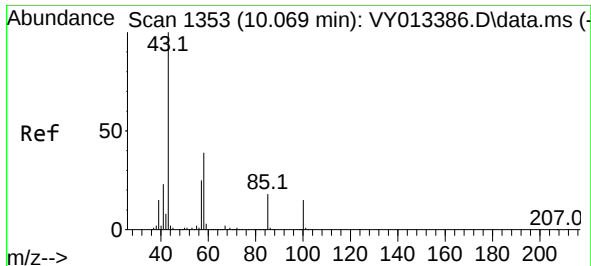
Tgt Ion: 98 Resp: 416179

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7

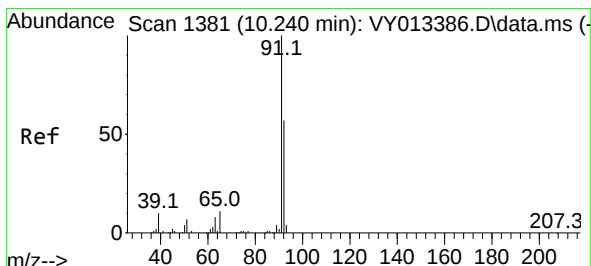
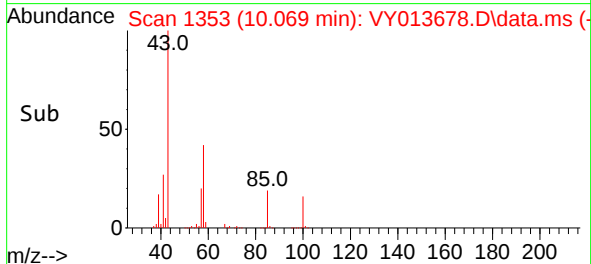
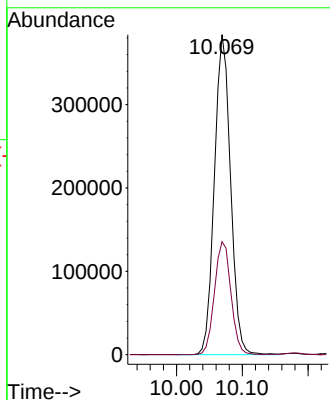
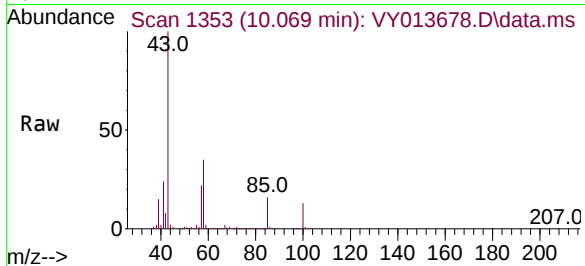




#51
4-Methyl-2-Pentanone
Concen: 244.774 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

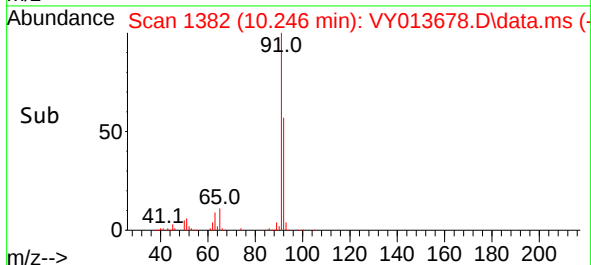
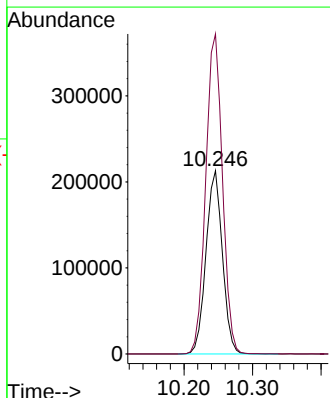
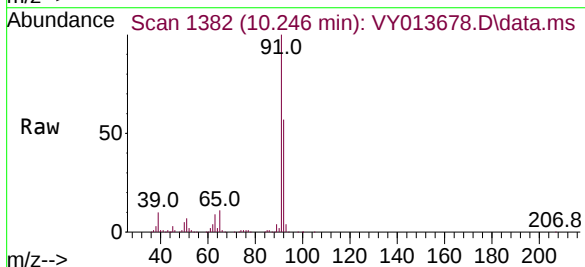
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

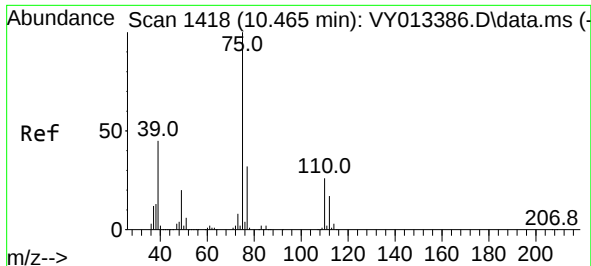
Tgt Ion: 43 Resp: 656519
Ion Ratio Lower Upper
43 100
58 36.0 30.6 46.0



#52
Toluene
Concen: 55.309 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 92 Resp: 355269
Ion Ratio Lower Upper
92 100
91 177.5 140.2 210.4

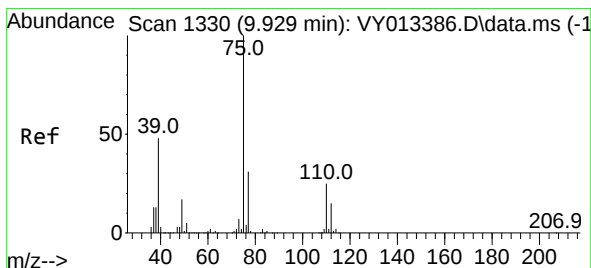
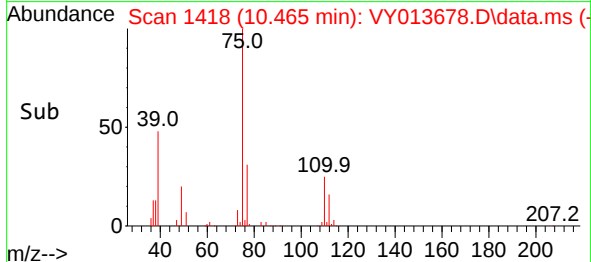
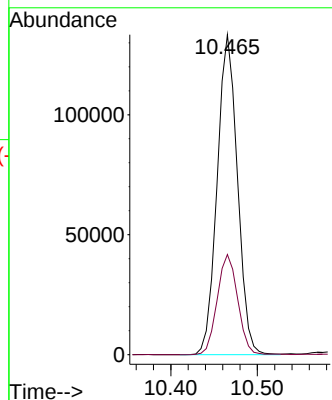
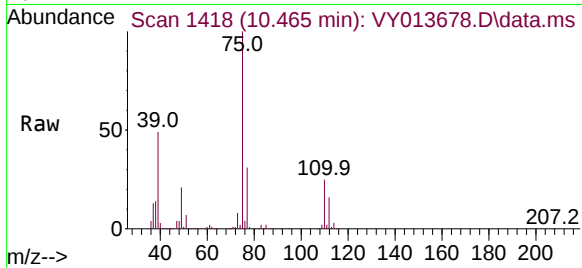




#53
t-1,3-Dichloropropene
Concen: 54.829 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

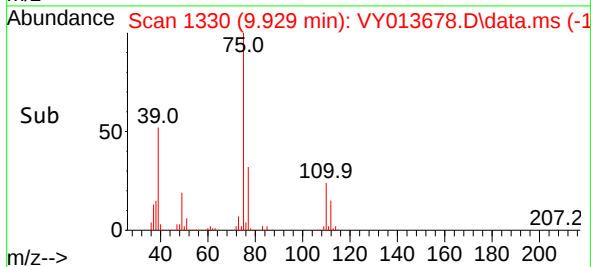
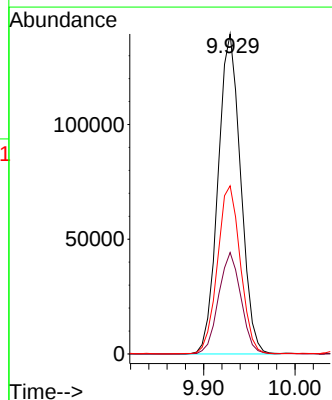
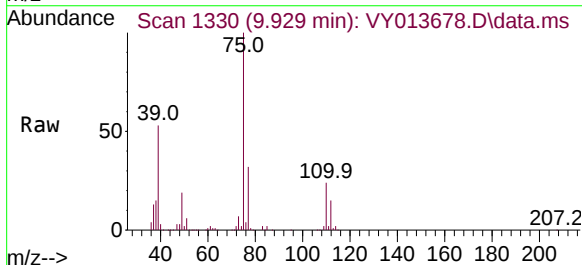
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

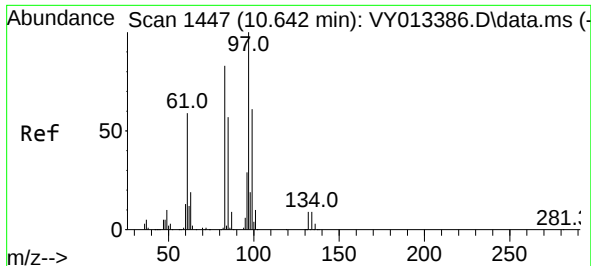
Tgt Ion: 75 Resp: 216827
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.995 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 75 Resp: 240272
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 52.5 38.1 57.1

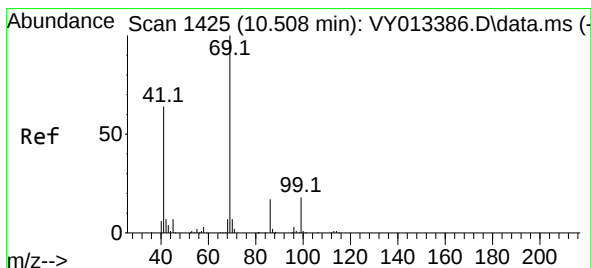
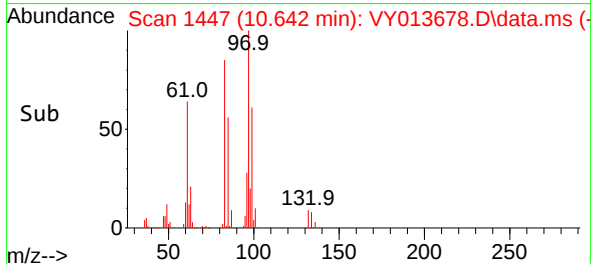
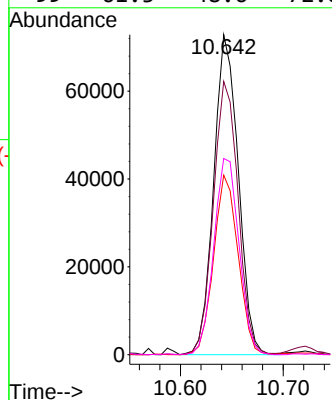
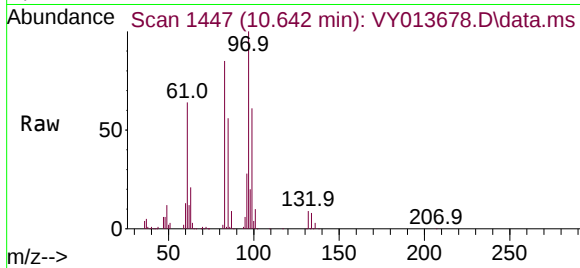




#55
1,1,2-Trichloroethane
Concen: 54.755 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

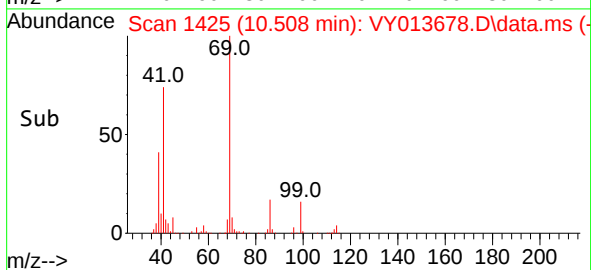
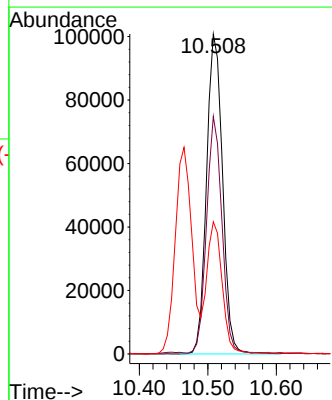
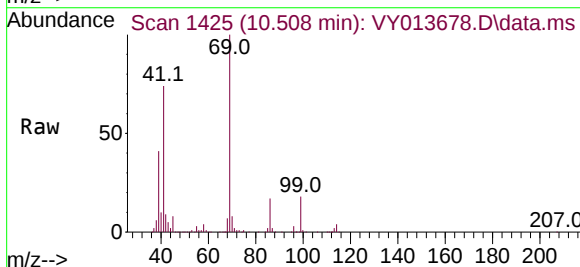
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

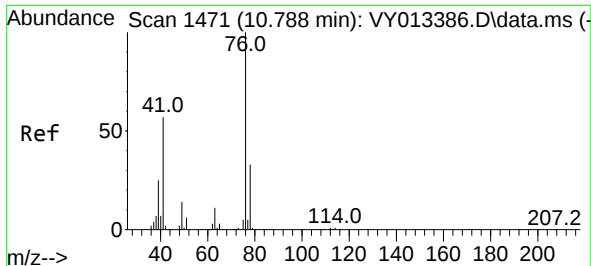
Tgt Ion: 97	Resp: 121088
Ion Ratio	Lower Upper
97 100	
83 85.4	66.4 99.6
85 56.1	45.6 68.4
99 61.3	48.6 72.8



#56
Ethyl methacrylate
Concen: 53.322 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 69	Resp: 163594
Ion Ratio	Lower Upper
69 100	
41 71.0	51.4 77.0
39 38.8	29.0 43.6





#57

1,3-Dichloropropane

Concen: 54.634 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

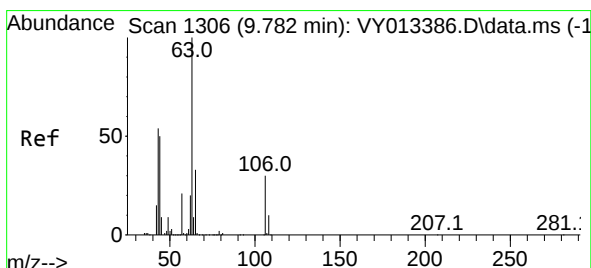
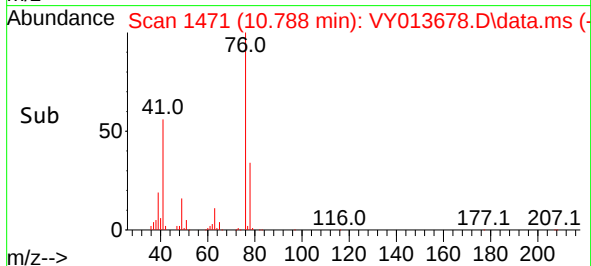
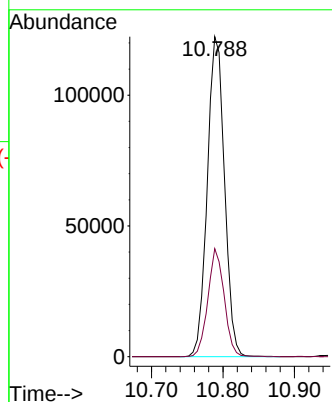
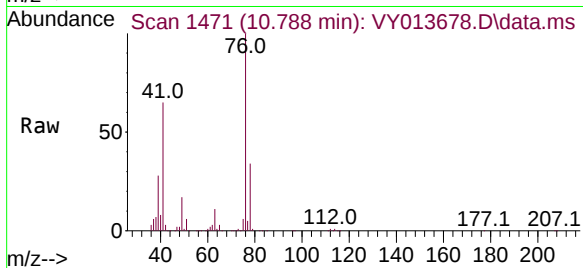
VSTDCCC050

Tgt Ion: 76 Resp: 204621

Ion Ratio Lower Upper

76 100

78 32.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 244.784 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013678.D

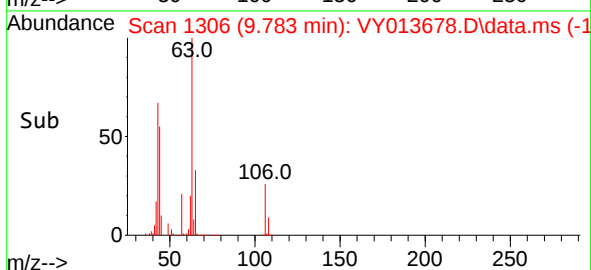
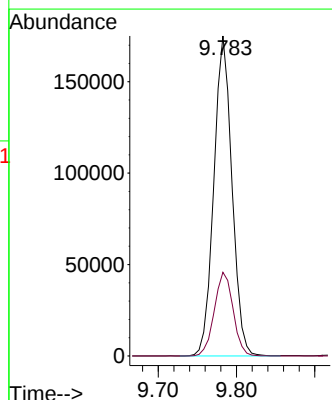
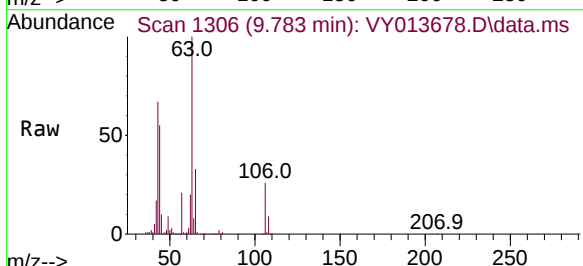
Acq: 10 May 2023 10:48

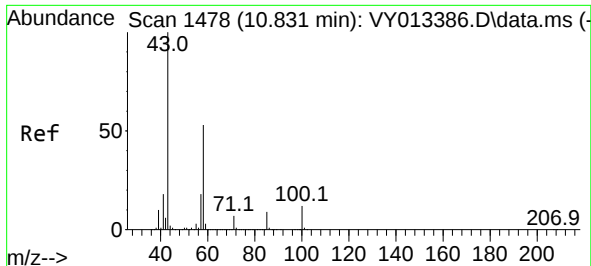
Tgt Ion: 63 Resp: 281616

Ion Ratio Lower Upper

63 100

106 27.1 23.5 35.3

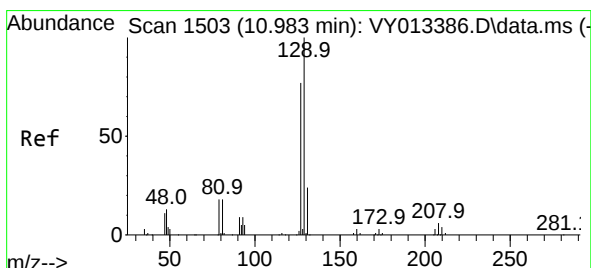
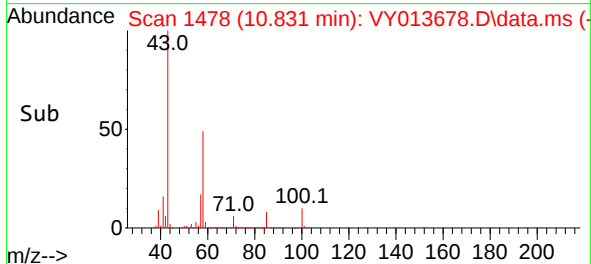
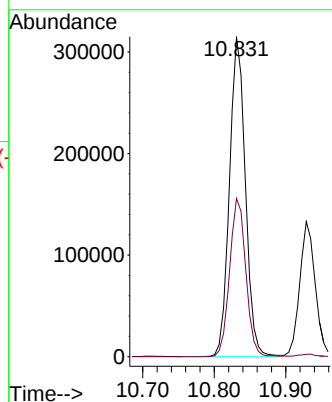
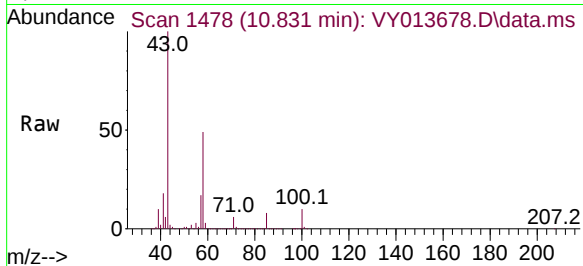




#59
2-Hexanone
Concen: 249.411 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

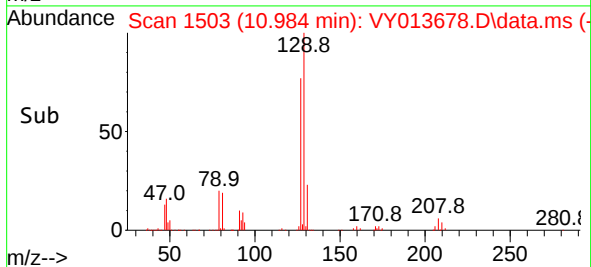
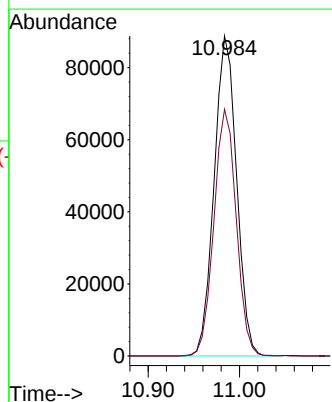
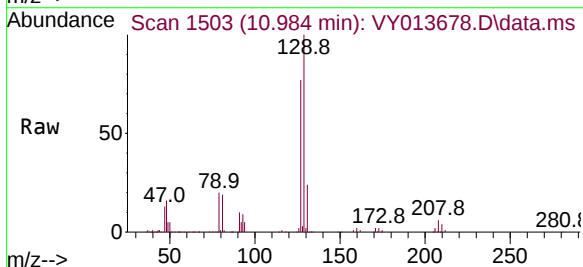
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

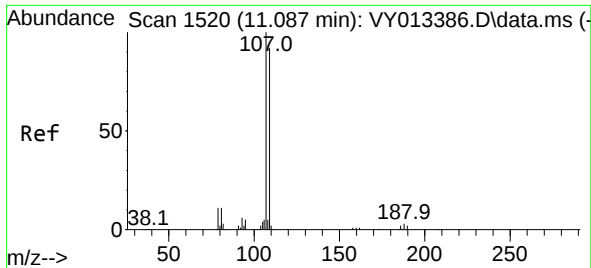
Tgt Ion: 43 Resp: 486279
Ion Ratio Lower Upper
43 100
58 50.4 26.3 78.8



#60
Dibromochloromethane
Concen: 56.420 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 129 Resp: 151500
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

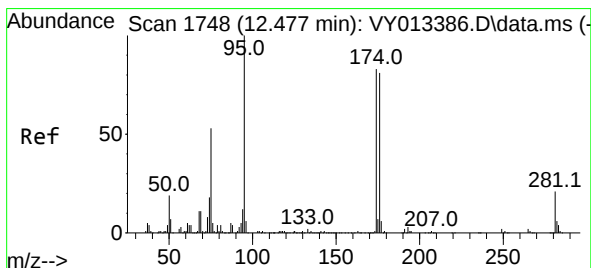
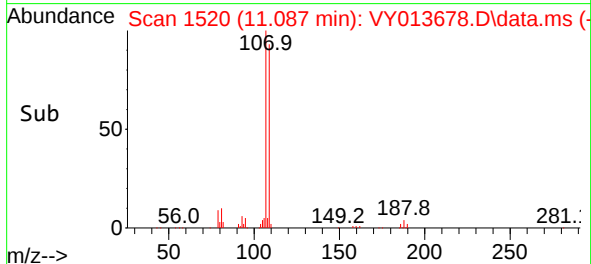
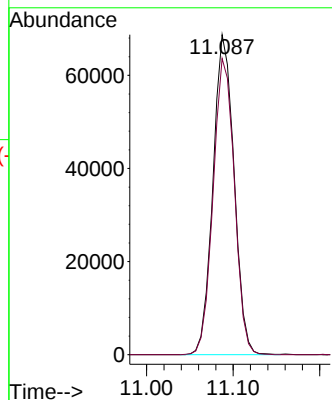
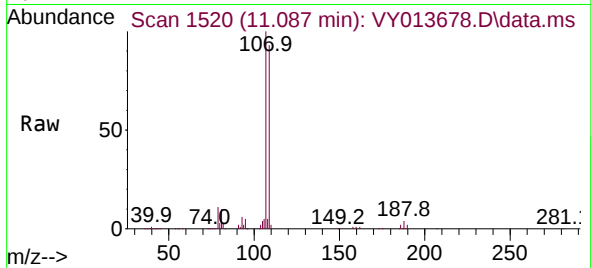




#61
1,2-Dibromoethane
Concen: 53.267 ug/l
RT: 11.087 min Scan# 115813
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

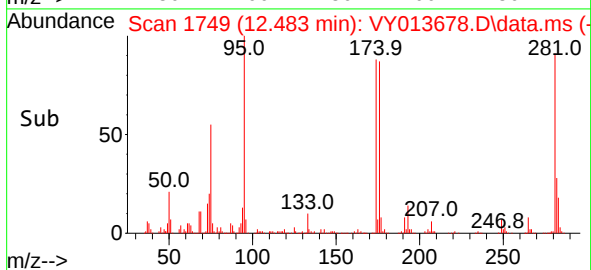
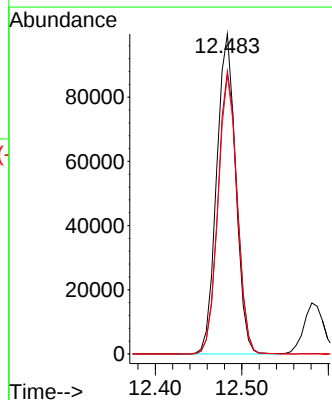
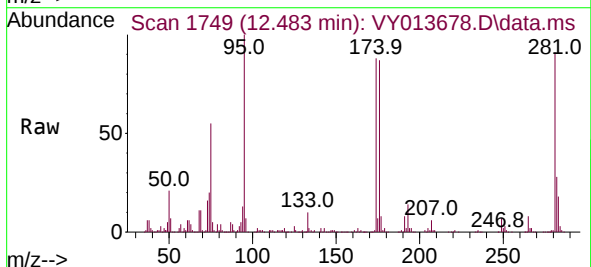
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

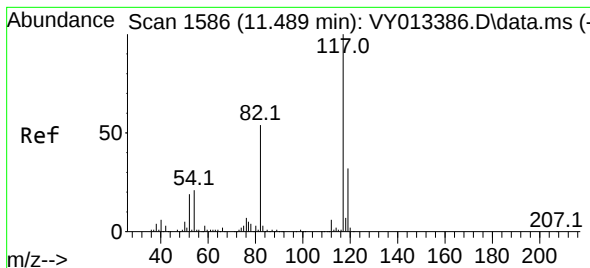
Tgt Ion:107 Resp: 115813
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 95 Resp: 152560
Ion Ratio Lower Upper
95 100
174 89.1 0.0 182.0
176 87.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

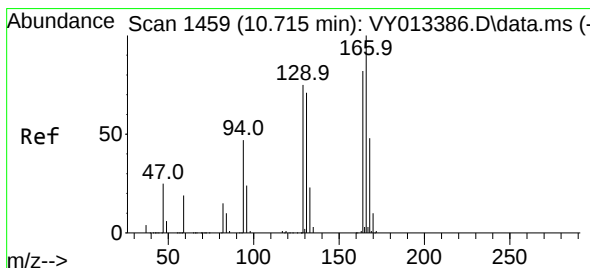
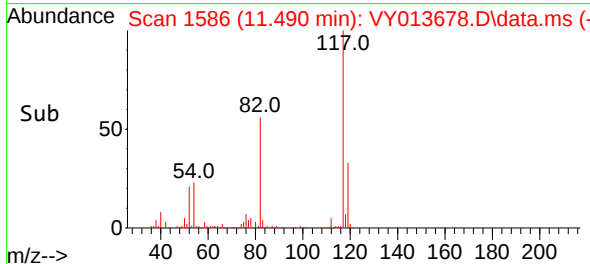
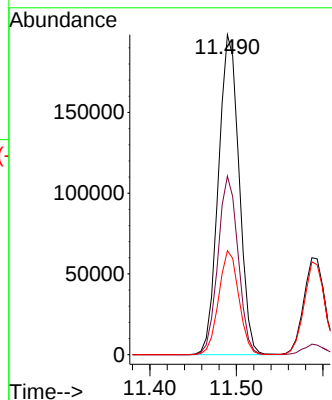
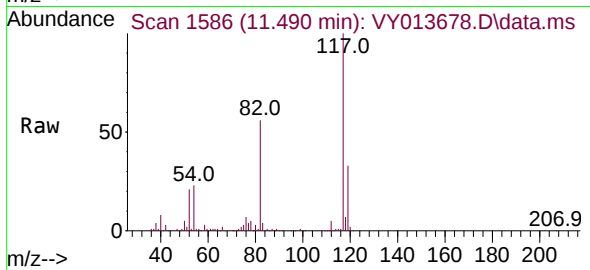
Tgt Ion:117 Resp: 328407

Ion Ratio Lower Upper

117 100

82 55.8 43.0 64.6

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 52.694 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Tgt Ion:164 Resp: 131590

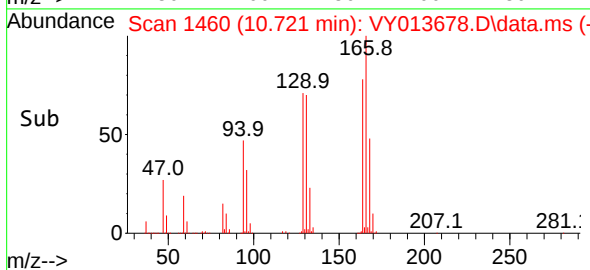
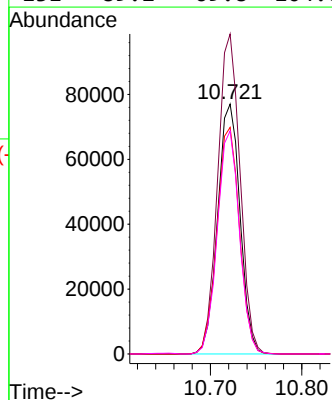
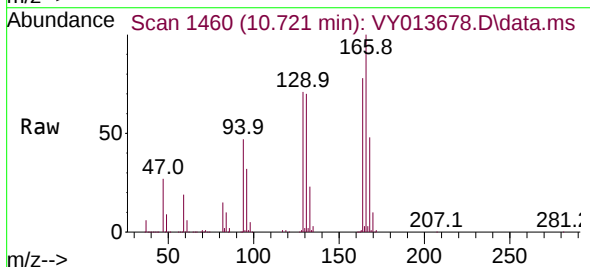
Ion Ratio Lower Upper

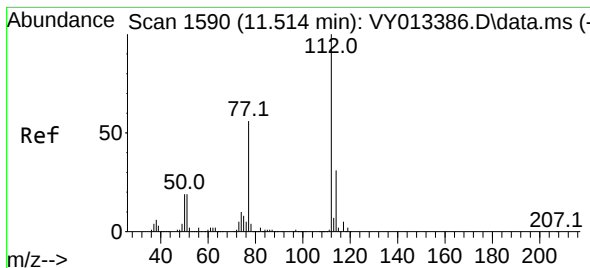
164 100

166 128.0 97.5 146.3

129 90.6 72.6 109.0

131 89.2 69.8 104.6





#65

Chlorobenzene

Concen: 53.265 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

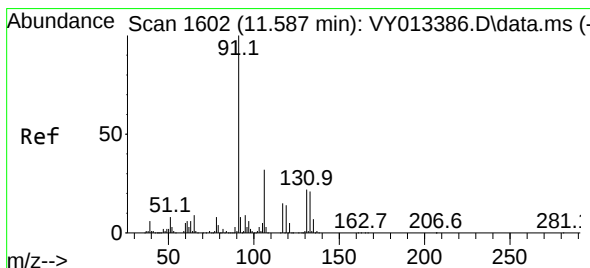
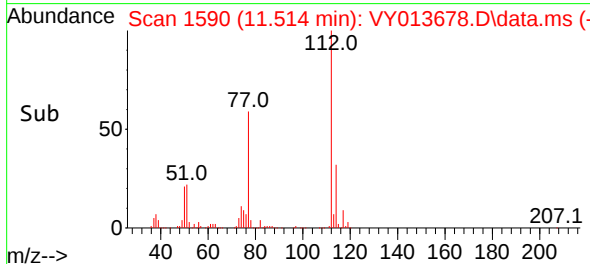
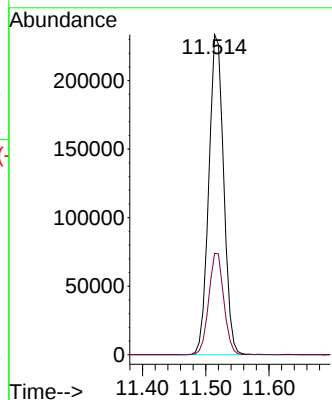
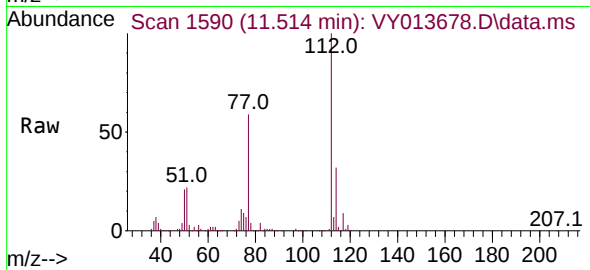
VSTDCCC050

Tgt Ion:112 Resp: 381053

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 56.303 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

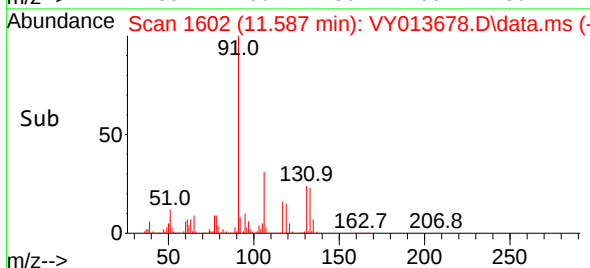
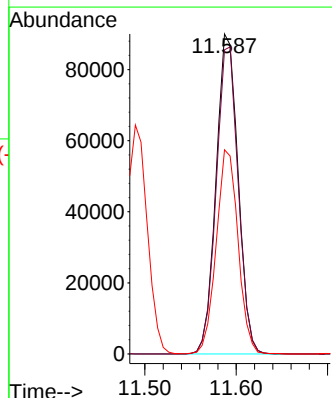
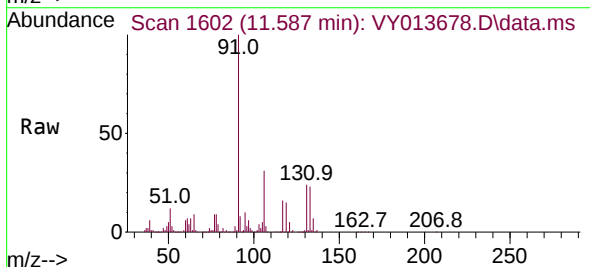
Tgt Ion:131 Resp: 150641

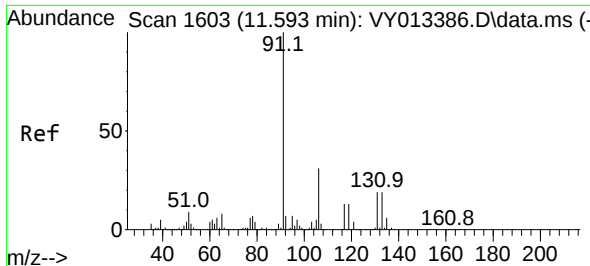
Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

119 63.4 32.6 98.0

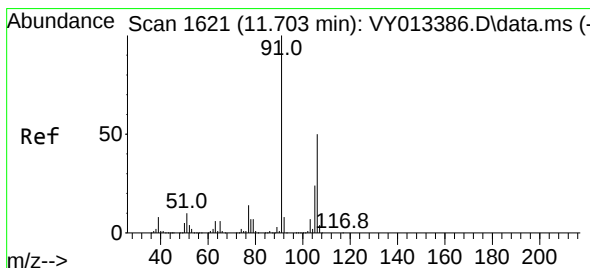
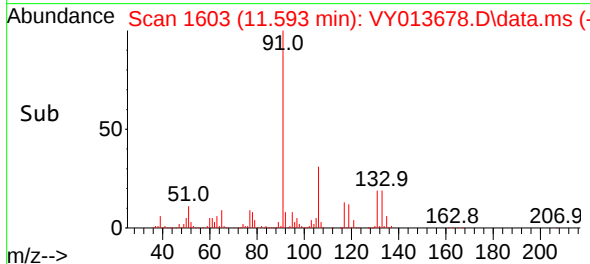
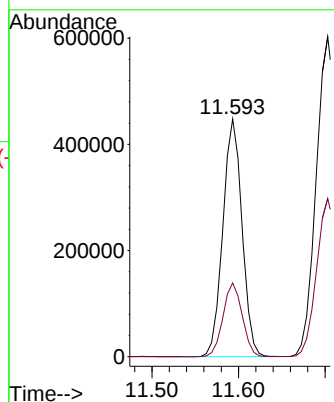
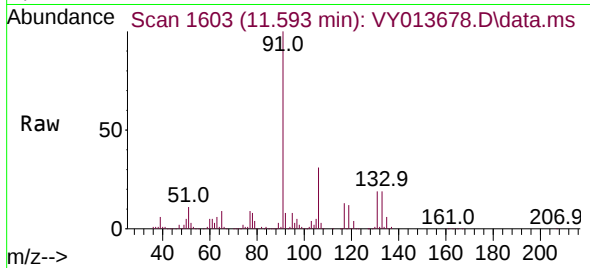




#67
Ethyl Benzene
Concen: 54.759 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

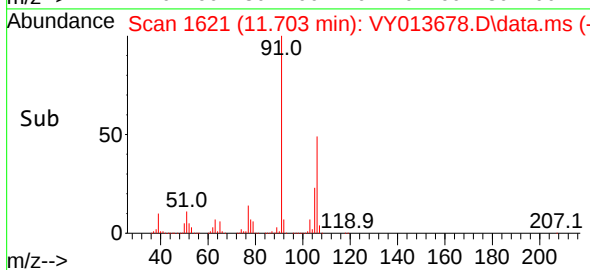
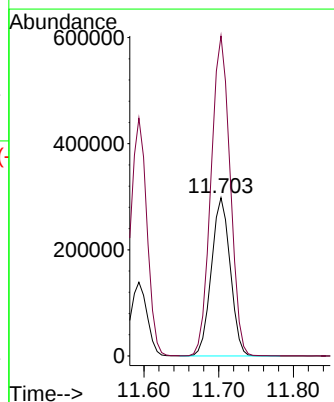
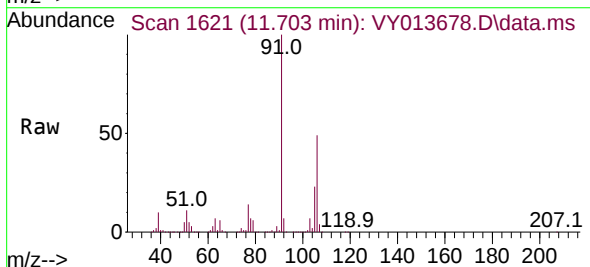
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

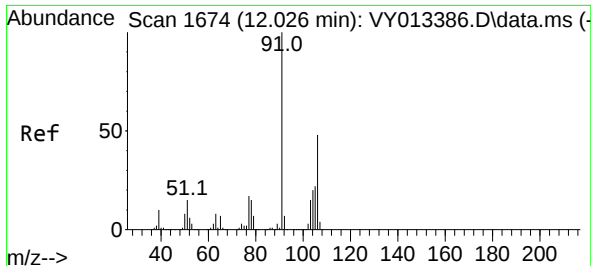
Tgt Ion: 91 Resp: 687903
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 109.287 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion:106 Resp: 521913
Ion Ratio Lower Upper
106 100
91 205.7 160.9 241.3

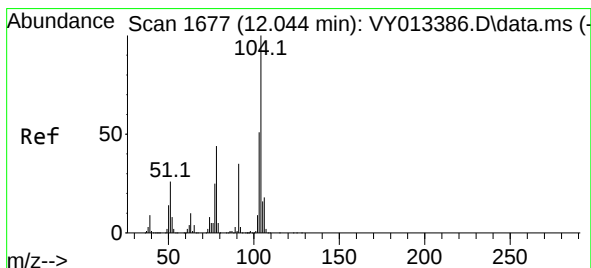
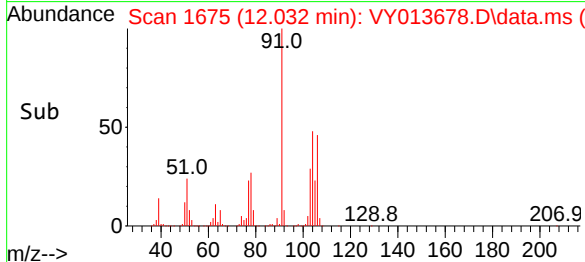
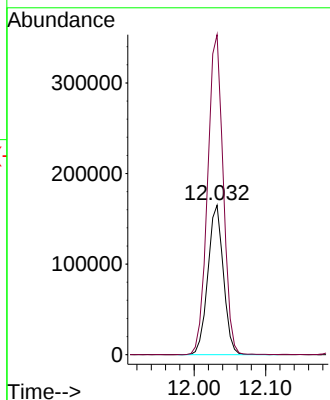
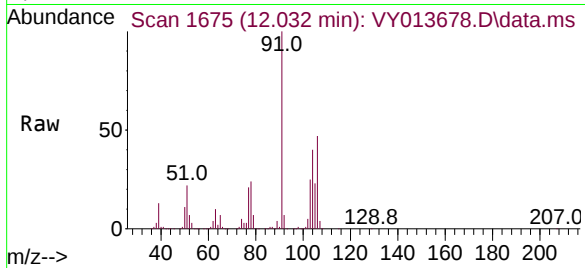




#69
o-Xylene
Concen: 54.955 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

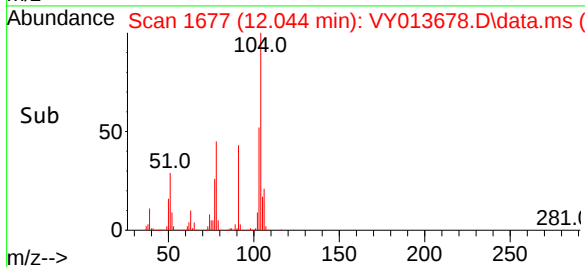
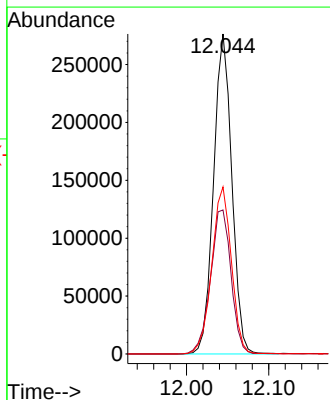
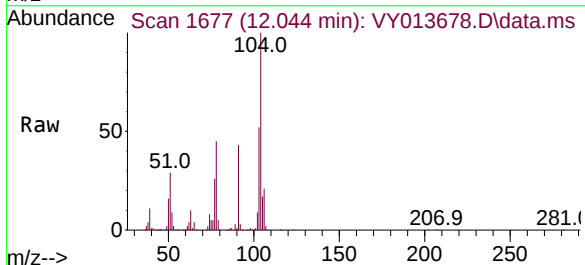
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

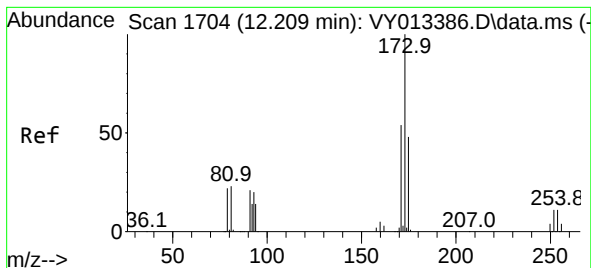
Tgt Ion:106 Resp: 248208
Ion Ratio Lower Upper
106 100
91 215.9 105.5 316.4



#70
Styrene
Concen: 56.454 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion:104 Resp: 426331
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 56.1 45.0 67.4





#71

Bromoform

Concen: 54.136 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

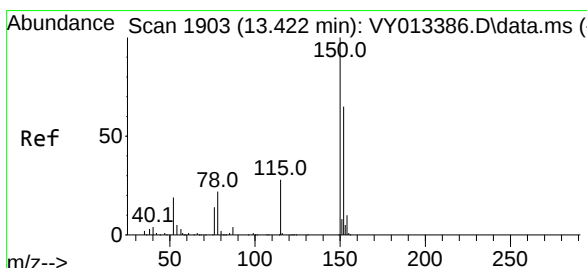
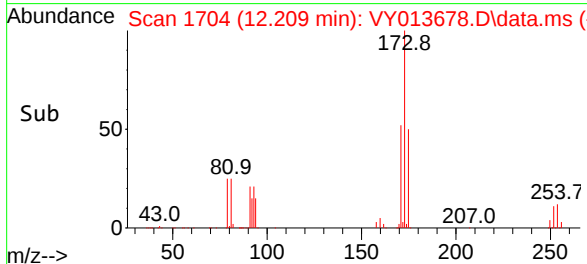
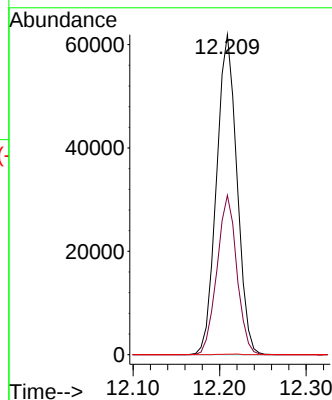
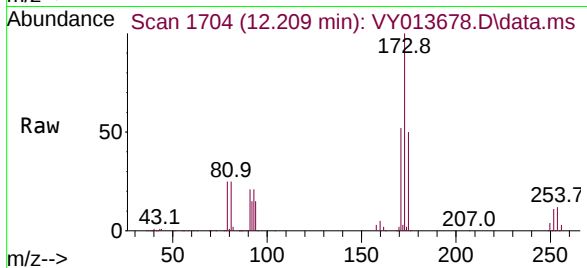
Tgt Ion:173 Resp: 101455

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

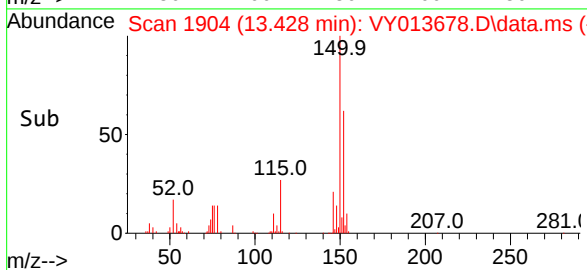
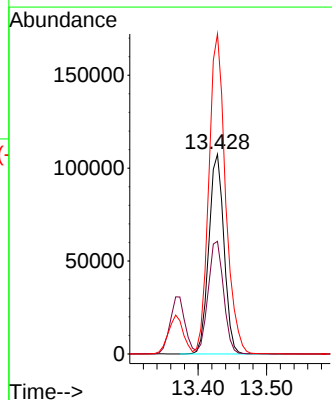
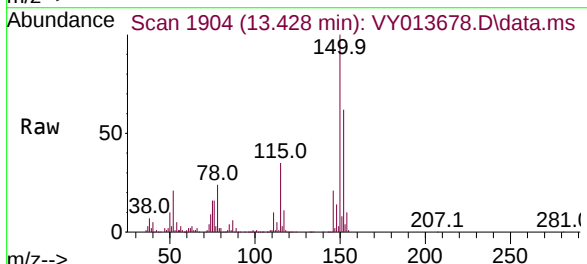
Tgt Ion:152 Resp: 165273

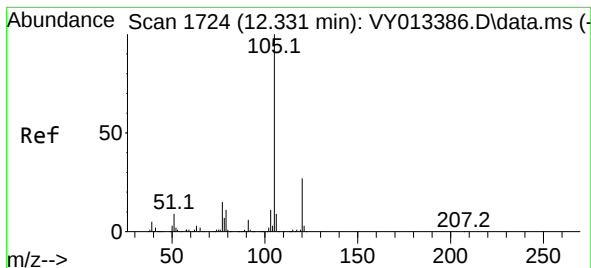
Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 176.5 0.0 352.0





#73

Isopropylbenzene

Concen: 52.631 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

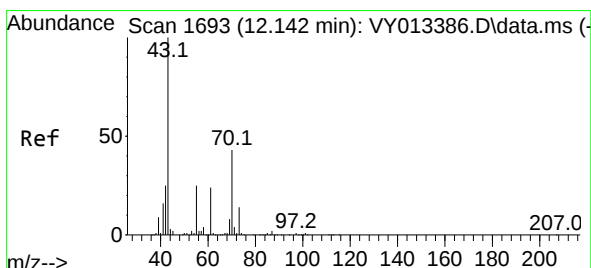
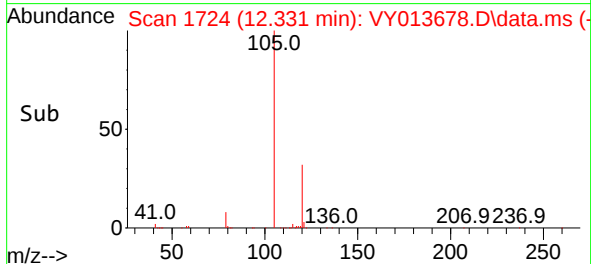
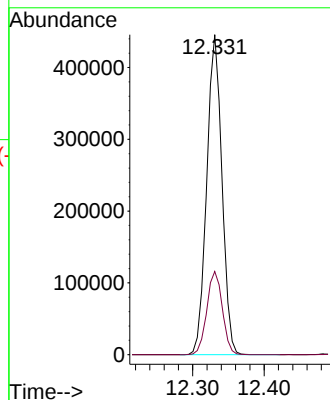
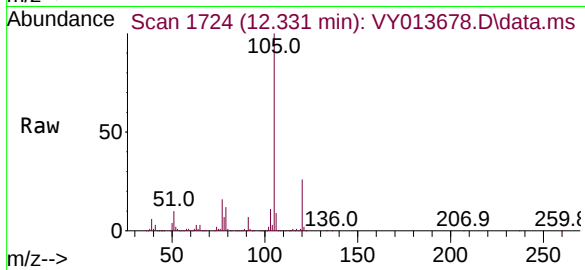
VSTDCCC050

Tgt Ion:105 Resp: 657924

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.0



#74

N-ethyl acetate

Concen: 45.284 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Tgt Ion: 43 Resp: 201447

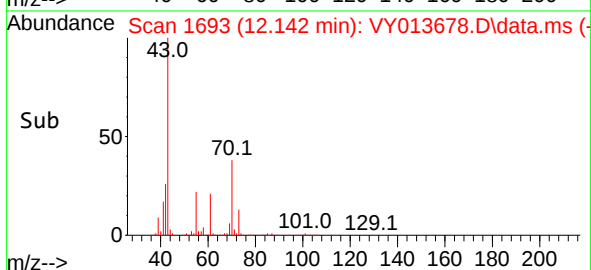
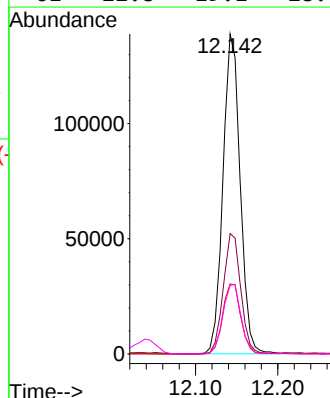
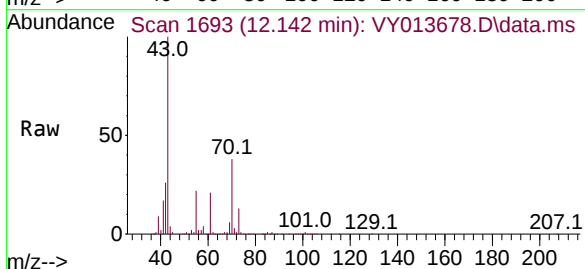
Ion Ratio Lower Upper

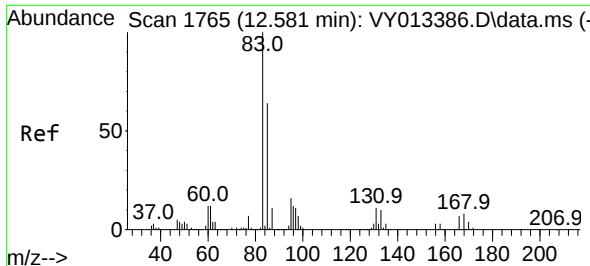
43 100

70 38.5 33.0 49.4

55 23.6 19.8 29.6

61 22.8 19.1 28.7

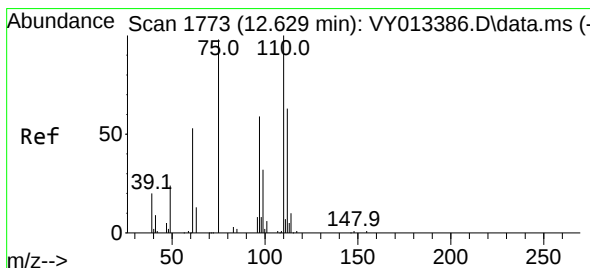
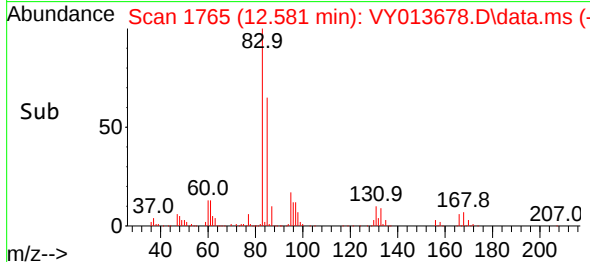
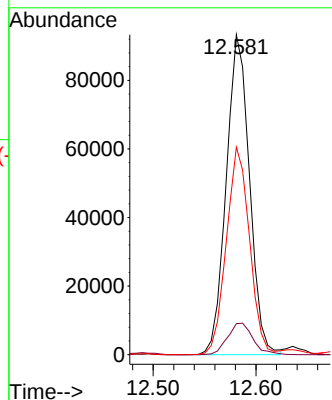
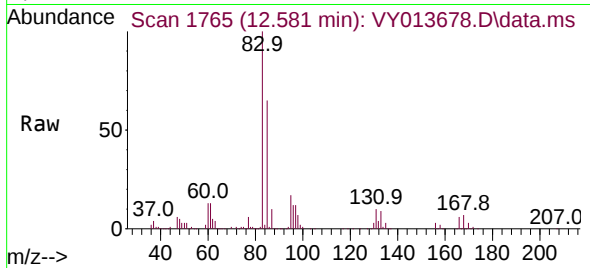




#75
1,1,2,2-Tetrachloroethane
Concen: 48.030 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

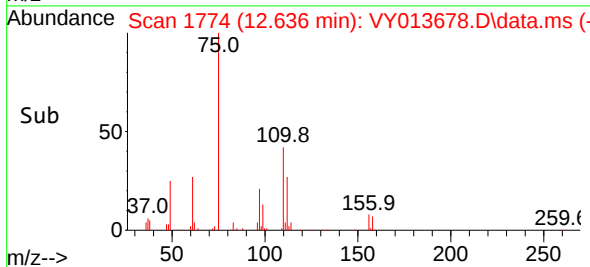
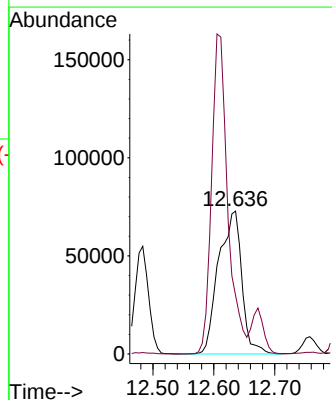
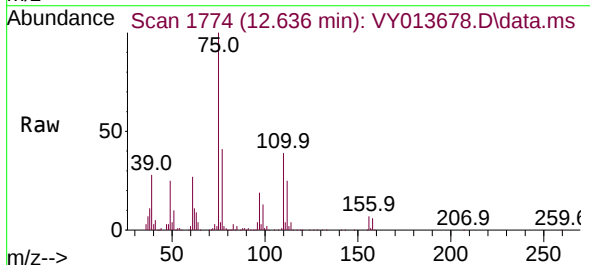
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

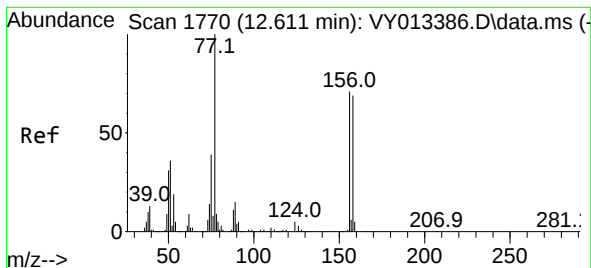
Tgt Ion: 83 Resp: 146757
Ion Ratio Lower Upper
83 100
131 10.8 5.7 17.0
85 64.6 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 86.509 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 75 Resp: 192820
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.433 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

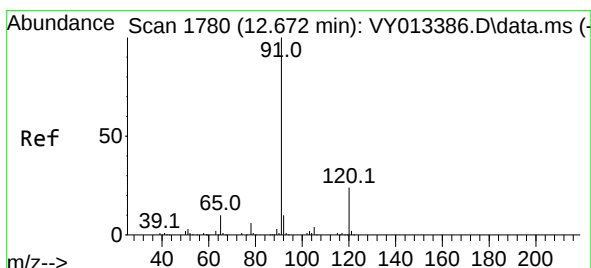
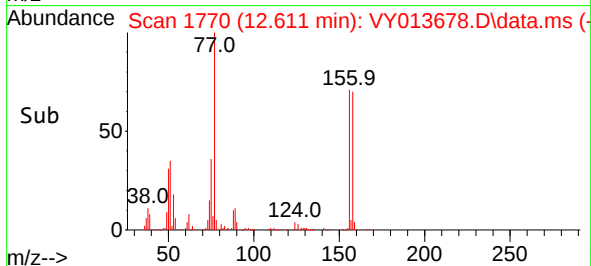
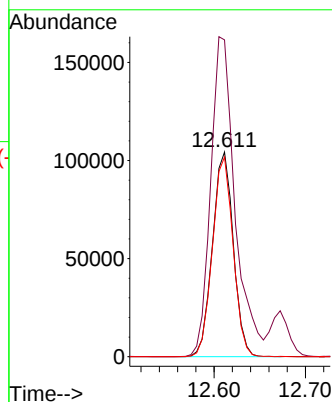
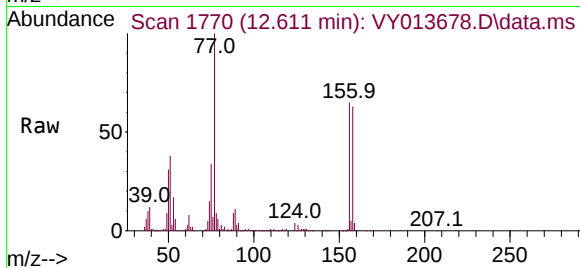
Tgt Ion:156 Resp: 164874

Ion Ratio Lower Upper

156 100

77 182.8 87.6 262.9

158 96.9 48.5 145.5



#78

n-propylbenzene

Concen: 52.479 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013678.D

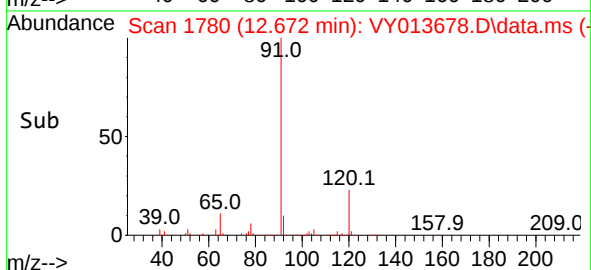
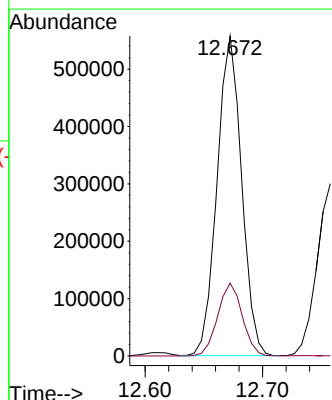
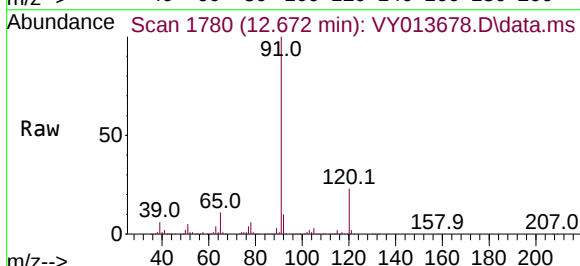
Acq: 10 May 2023 10:48

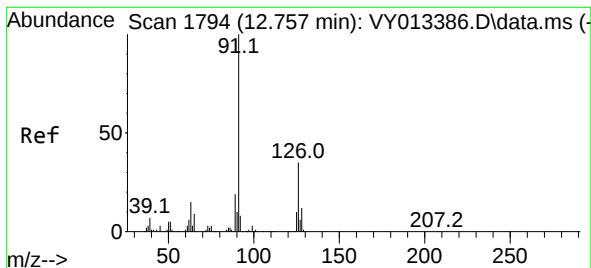
Tgt Ion: 91 Resp: 808045

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 52.504 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

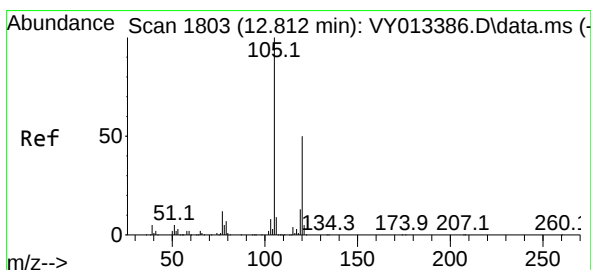
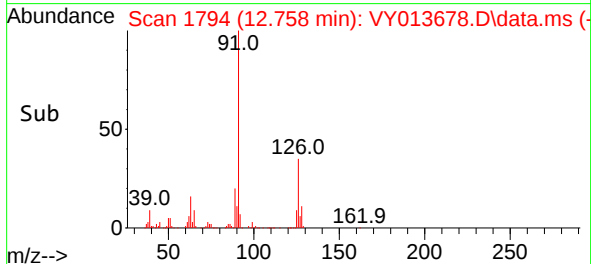
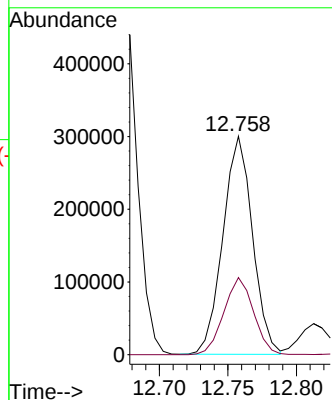
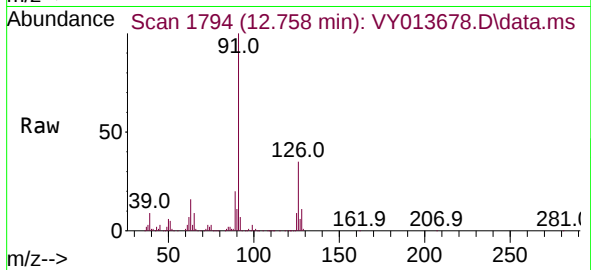
VSTDCCC050

Tgt Ion: 91 Resp: 451452

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 53.470 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013678.D

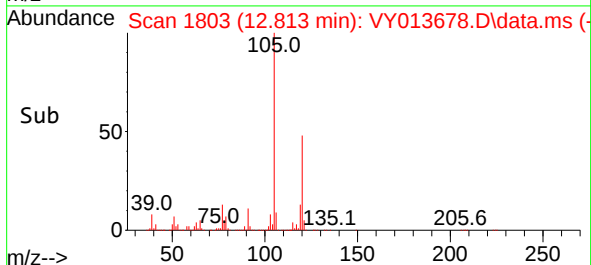
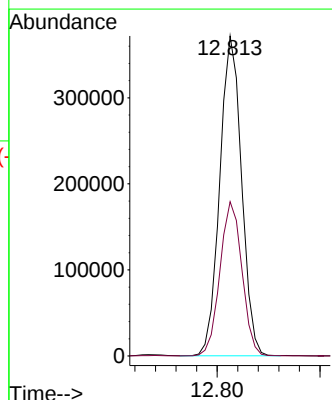
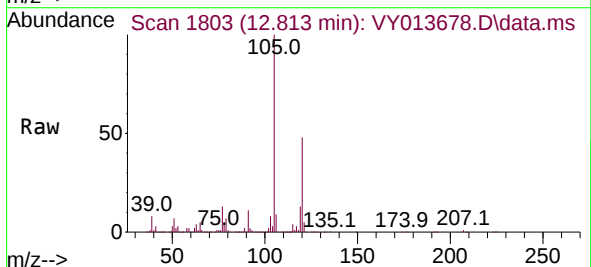
Acq: 10 May 2023 10:48

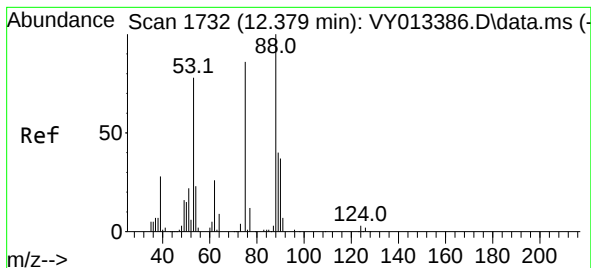
Tgt Ion: 105 Resp: 545558

Ion Ratio Lower Upper

105 100

120 48.7 24.7 74.1

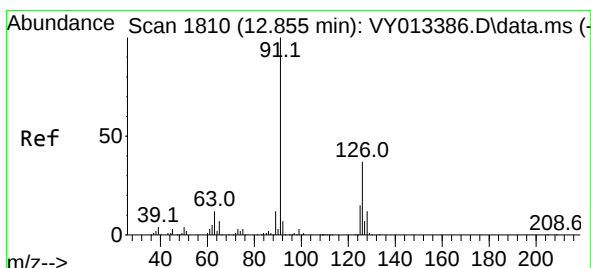
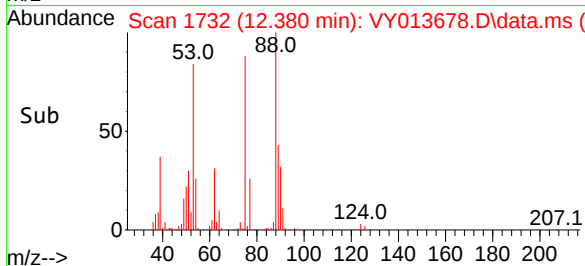
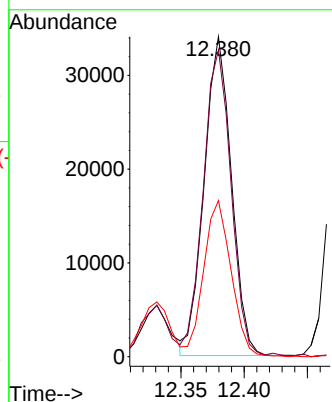
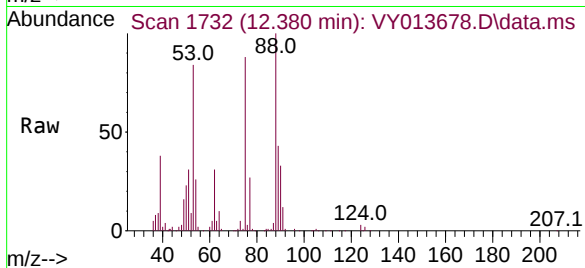




#81
trans-1,4-Dichloro-2-butene
Concen: 46.785 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

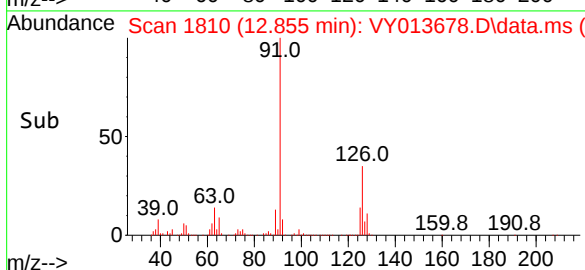
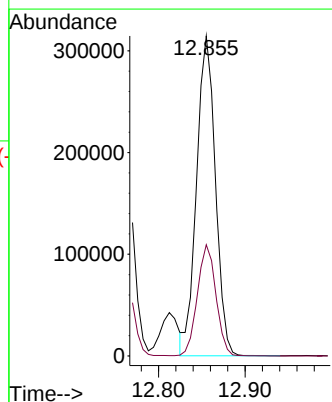
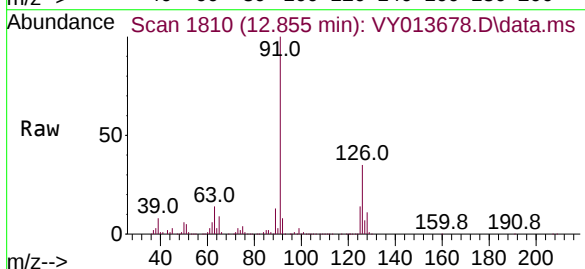
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

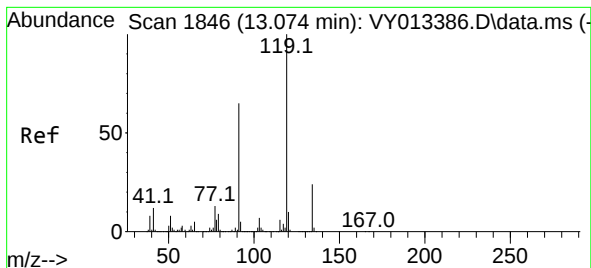
Tgt Ion: 75 Resp: 50979
Ion Ratio Lower Upper
75 100
53 98.2 73.2 109.8
89 49.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.907 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013678.D
Acq: 10 May 2023 10:48

Tgt Ion: 91 Resp: 474145
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 52.860 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

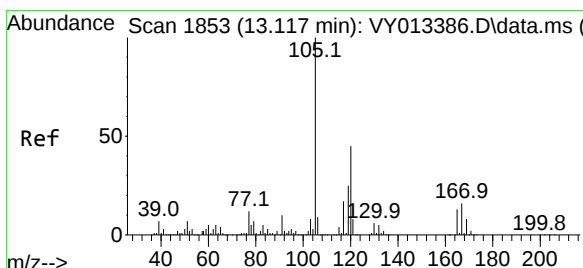
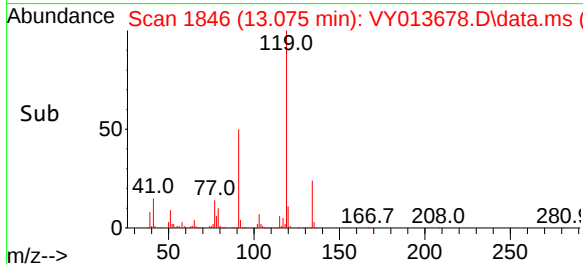
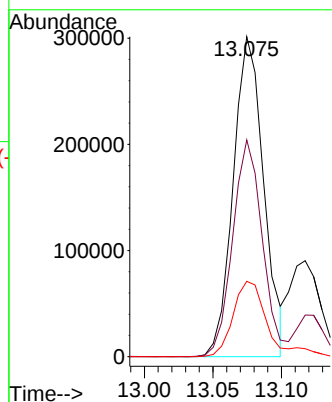
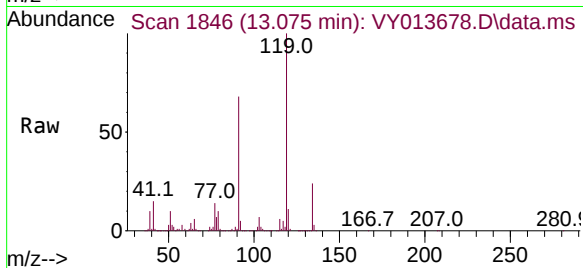
Tgt Ion:119 Resp: 467257

Ion Ratio Lower Upper

119 100

91 66.3 32.2 96.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.275 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013678.D

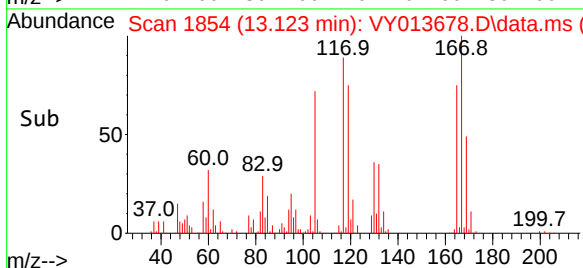
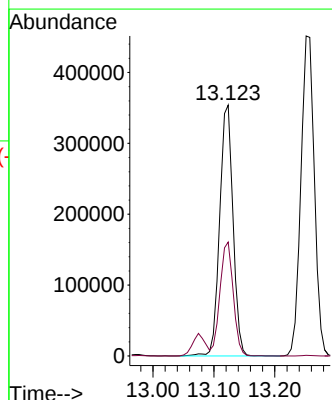
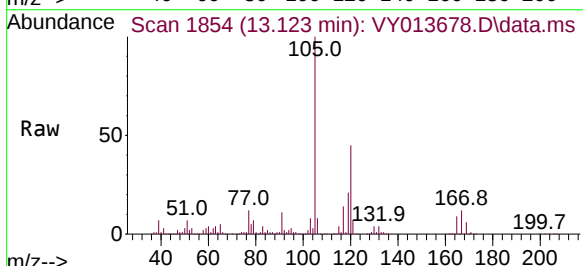
Acq: 10 May 2023 10:48

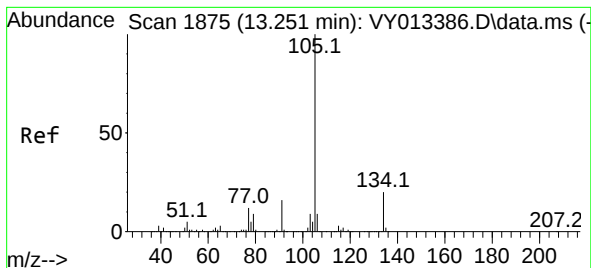
Tgt Ion:105 Resp: 538388

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.251 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

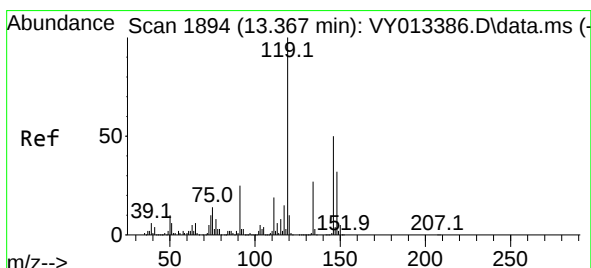
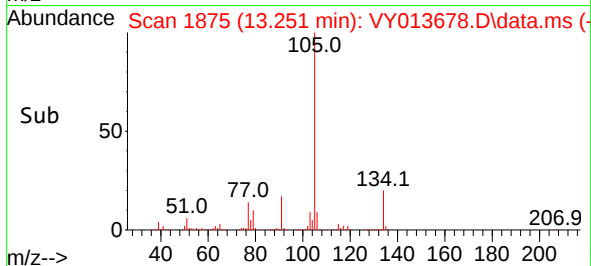
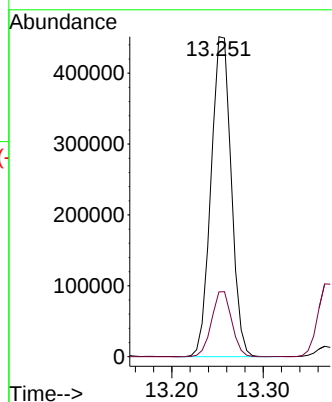
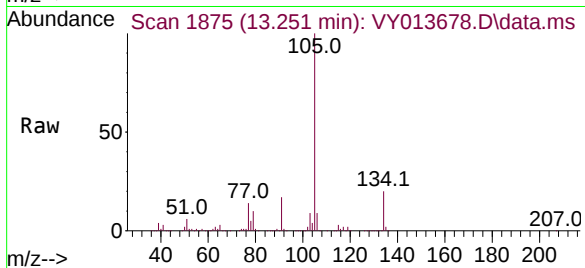
VSTDCCC050

Tgt Ion:105 Resp: 693189

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 53.321 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

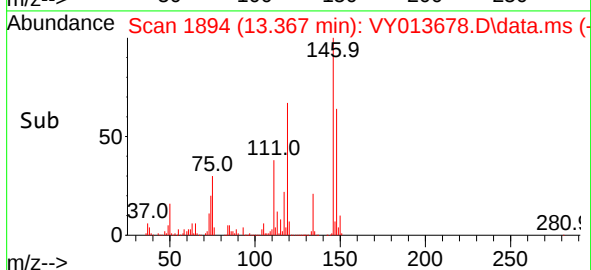
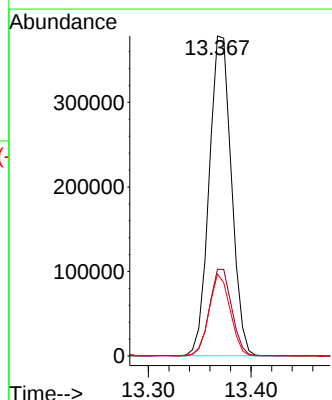
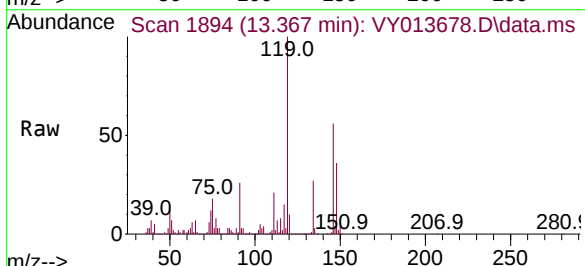
Tgt Ion:119 Resp: 568862

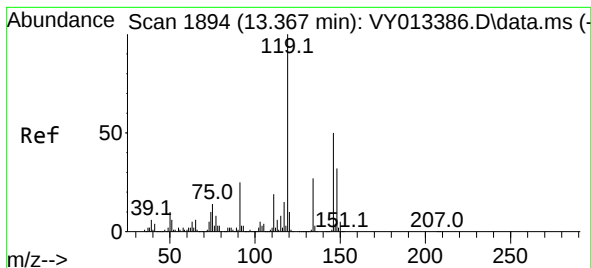
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.923 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

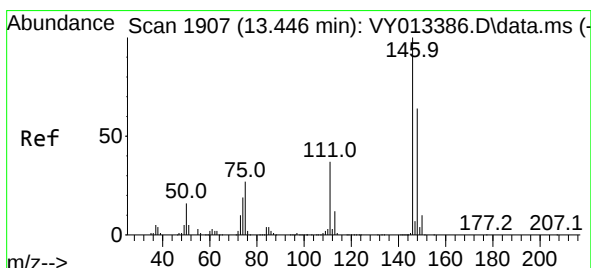
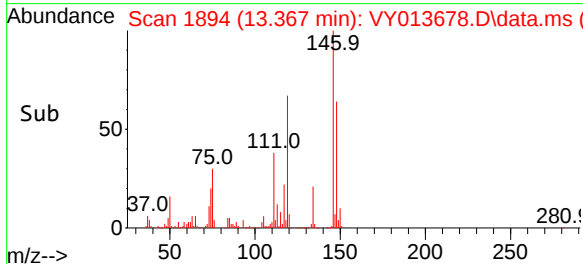
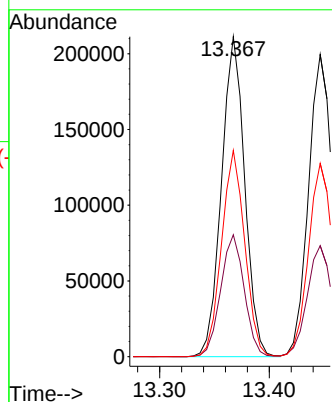
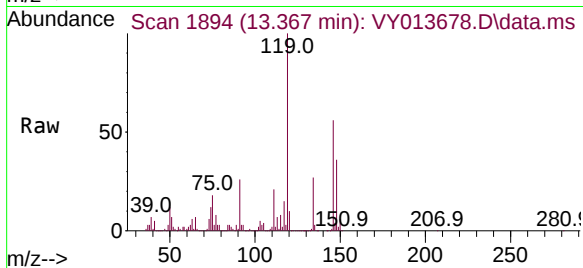
Tgt Ion:146 Resp: 311172

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 64.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.224 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

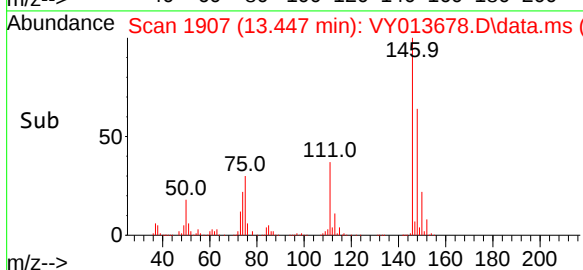
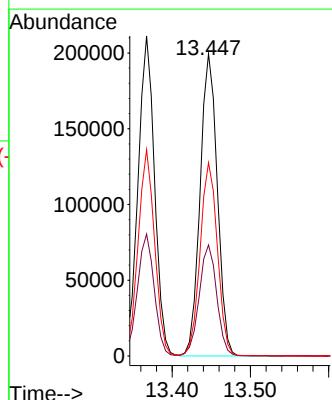
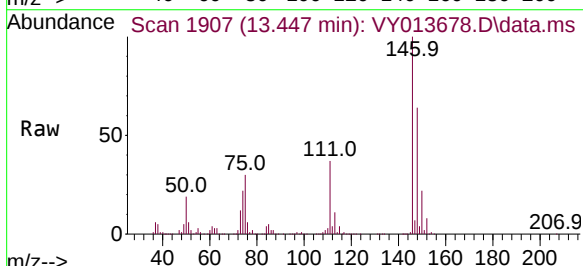
Tgt Ion:146 Resp: 304431

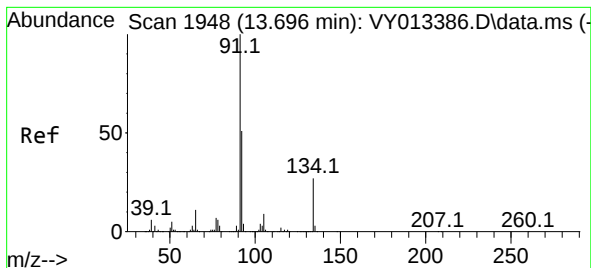
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.5

148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 51.838 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

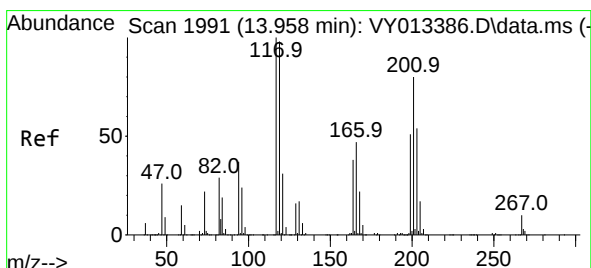
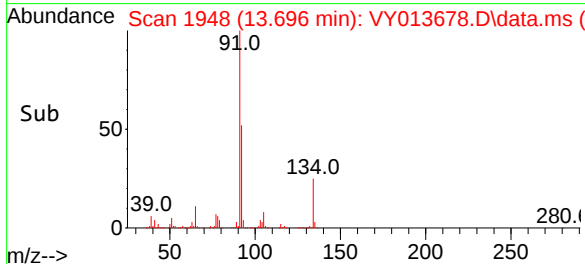
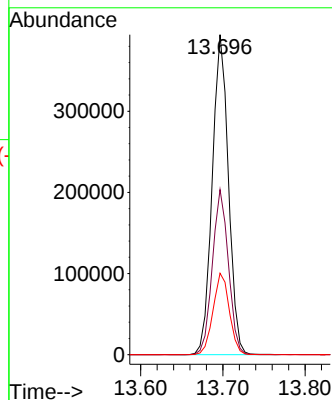
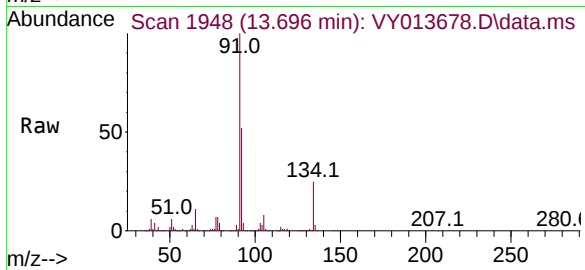
Tgt Ion: 91 Resp: 539772

Ion Ratio Lower Upper

91 100

92 51.1 25.8 77.3

134 25.6 13.5 40.4



#90

Hexachloroethane

Concen: 51.420 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013678.D

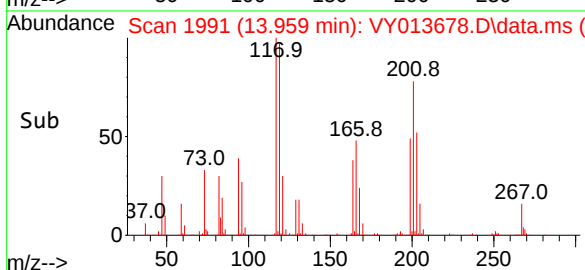
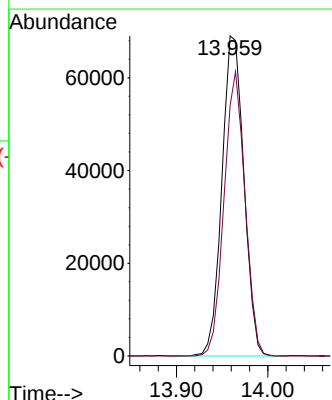
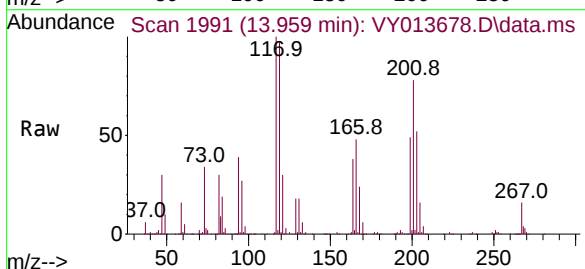
Acq: 10 May 2023 10:48

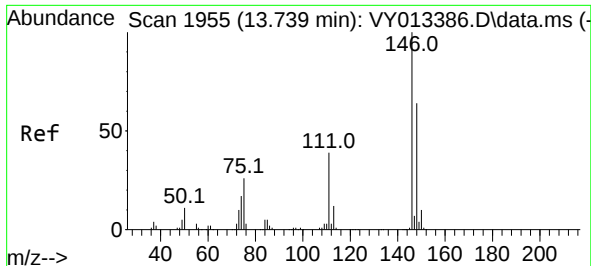
Tgt Ion: 117 Resp: 115457

Ion Ratio Lower Upper

117 100

201 84.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.988 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

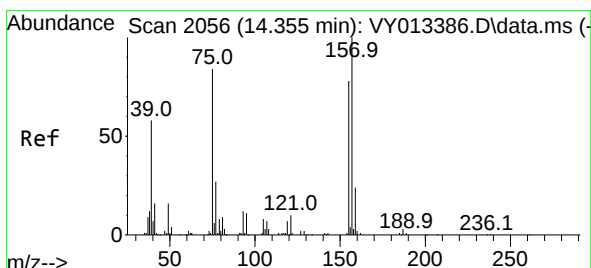
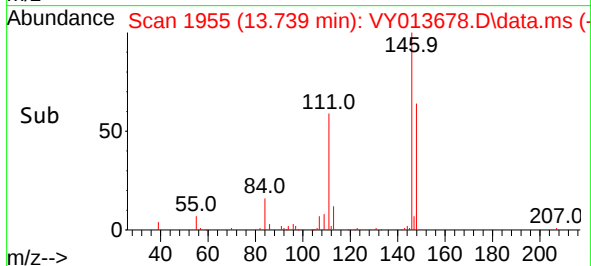
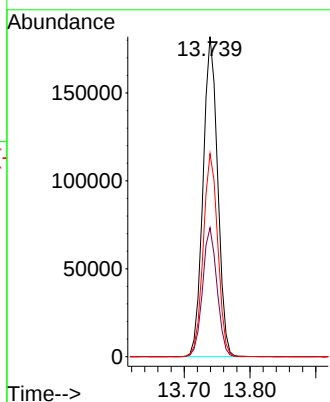
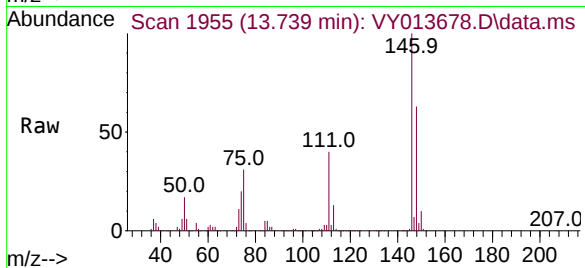
Tgt Ion:146 Resp: 281338

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

148 63.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.618 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

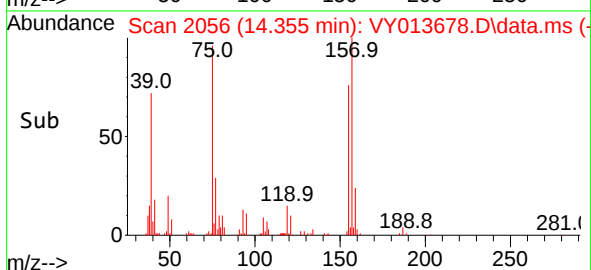
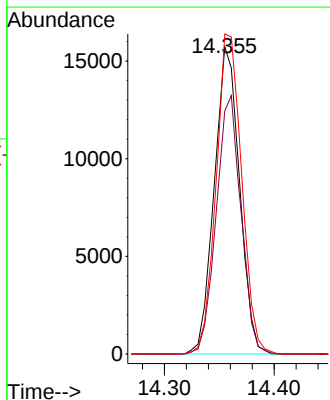
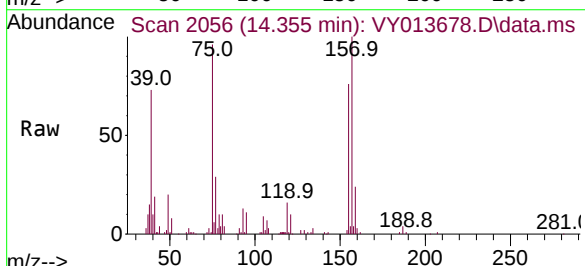
Tgt Ion: 75 Resp: 25157

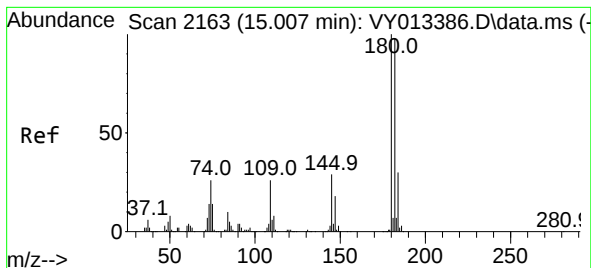
Ion Ratio Lower Upper

75 100

155 82.4 44.6 134.0

157 105.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.589 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

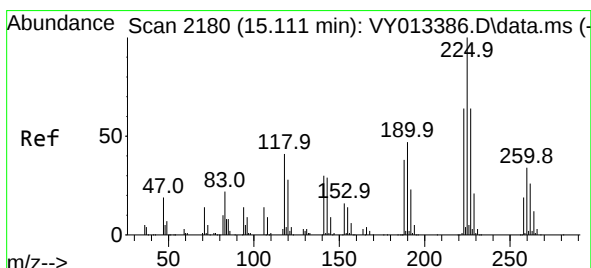
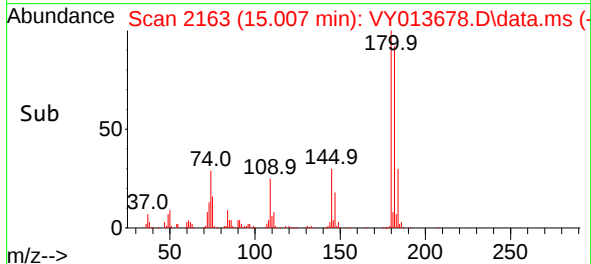
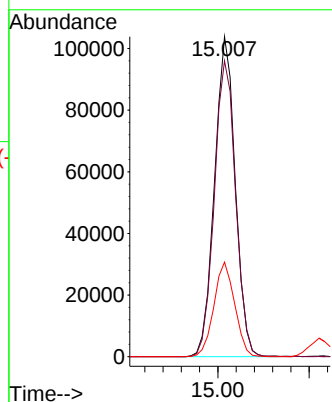
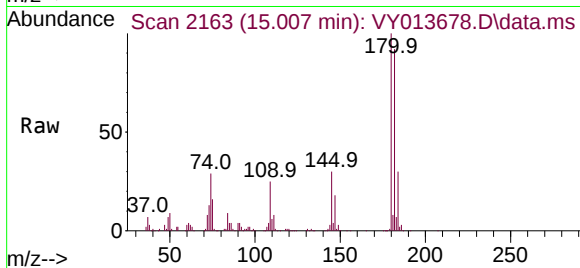
Tgt Ion:180 Resp: 163389

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

145 29.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 54.580 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

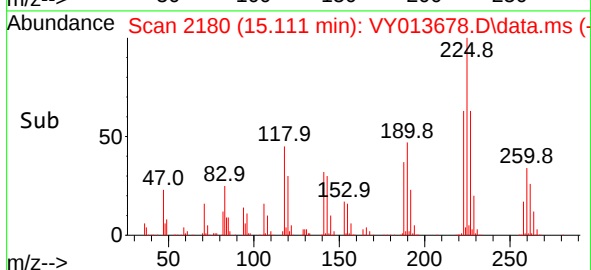
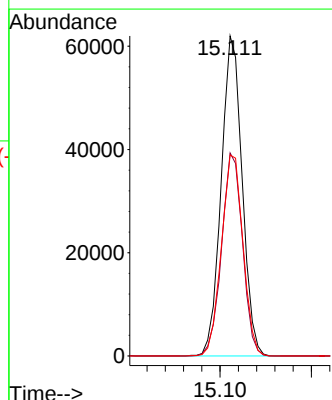
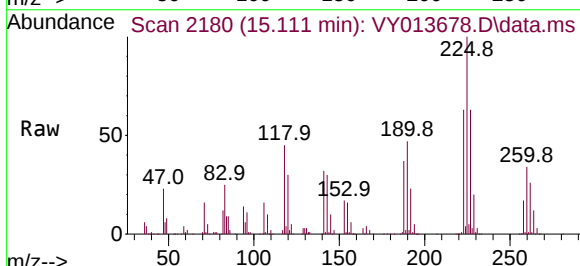
Tgt Ion:225 Resp: 98690

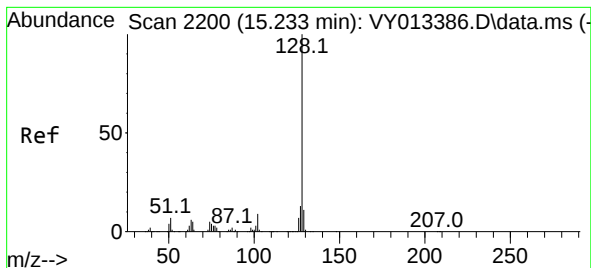
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.2

227 64.8 32.0 96.0





#95

Naphthalene

Concen: 47.930 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

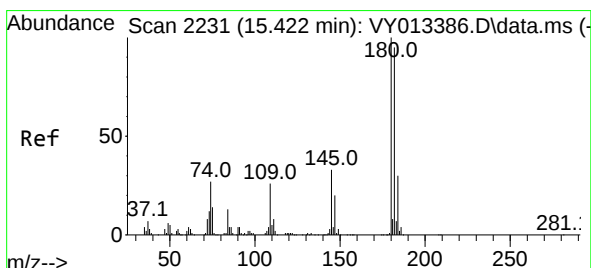
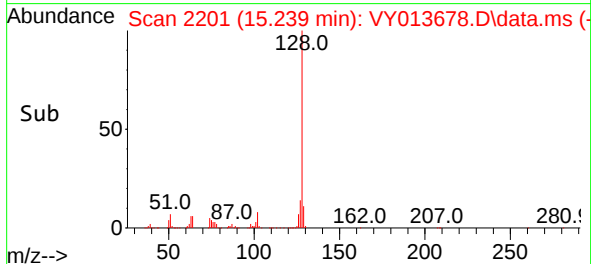
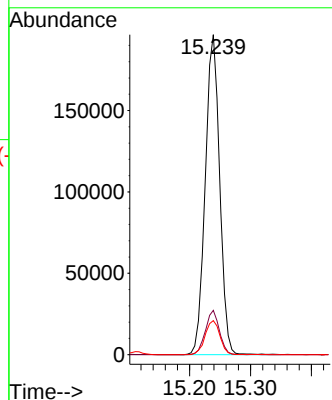
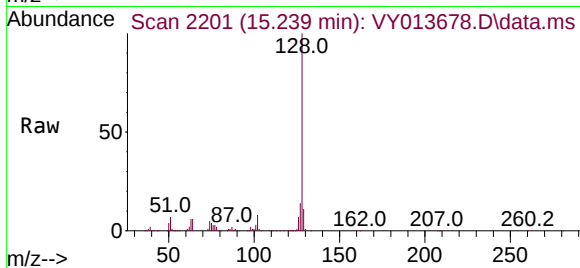
Tgt Ion:128 Resp: 323096

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.431 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013678.D

Acq: 10 May 2023 10:48

Tgt Ion:180 Resp: 145190

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 31.2 15.9 47.7

