

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013637.D
 Acq On : 05 May 2023 19:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 00:26:17 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	243362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	347168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143492	53.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.580%	
35) Dibromofluoromethane	7.716	113	124086	52.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.460%	
50) Toluene-d8	10.179	98	419190	49.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.477	95	157773	55.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	119324	51.575	ug/l	99
3) Chloromethane	2.107	50	137297	44.272	ug/l	100
4) Vinyl Chloride	2.247	62	135843	43.993	ug/l	100
5) Bromomethane	2.650	94	106036	43.092	ug/l	97
6) Chloroethane	2.790	64	91551	42.917	ug/l	100
7) Trichlorofluoromethane	3.125	101	236878	50.639	ug/l	97
8) Diethyl Ether	3.528	74	81786	51.343	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	128331	48.909	ug/l	97
10) Methyl Iodide	4.088	142	136850	41.526	ug/l	97
11) Tert butyl alcohol	4.979	59	82618	274.886	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	119800	47.366	ug/l	94
13) Acrolein	3.723	56	45705	194.098	ug/l	98
14) Allyl chloride	4.473	41	225784	48.111	ug/l	98
15) Acrylonitrile	5.161	53	251368	281.768	ug/l	98
16) Acetone	3.954	43	228207	217.216	ug/l	90
17) Carbon Disulfide	4.192	76	351453	42.778	ug/l	100
18) Methyl Acetate	4.473	43	190395	54.870	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	405408	55.521	ug/l	98
20) Methylene Chloride	4.716	84	162734	49.337	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	138622	50.128	ug/l	95
22) Diisopropyl ether	6.119	45	485671	52.947	ug/l	97
23) Vinyl Acetate	6.058	43	1570208	302.336	ug/l	96
24) 1,1-Dichloroethane	6.015	63	262783	51.402	ug/l	98
25) 2-Butanone	6.984	43	347874	261.090	ug/l	96
26) 2,2-Dichloropropane	6.972	77	223629	50.764	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	160890	52.657	ug/l	96
28) Bromochloromethane	7.332	49	96777	53.345	ug/l	87
29) Tetrahydrofuran	7.350	42	235997	284.544	ug/l	93
30) Chloroform	7.503	83	276867	54.470	ug/l	100
31) Cyclohexane	7.783	56	214716	44.953	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	244816	53.975	ug/l	98
36) 1,1-Dichloropropene	7.917	75	193128	48.977	ug/l	98
37) Ethyl Acetate	7.070	43	164312	55.372	ug/l	96
38) Carbon Tetrachloride	7.899	117	224546	54.330	ug/l	95
39) Methylcyclohexane	9.179	83	226582	48.741	ug/l	97
40) Benzene	8.155	78	573381	51.620	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	79986	57.843	ug/l	98
42) 1,2-Dichloroethane	8.234	62	203330	55.991	ug/l	97
43) Isopropyl Acetate	8.271	43	279183	55.739	ug/l	96
44) Trichloroethene	8.935	130	153057	51.802	ug/l	98
45) 1,2-Dichloropropane	9.216	63	151365	52.118	ug/l	98
46) Dibromomethane	9.301	93	93292	53.686	ug/l	98
47) Bromodichloromethane	9.496	83	216892	55.779	ug/l	99
48) Methyl methacrylate	9.289	41	130494	56.728	ug/l	95
49) 1,4-Dioxane	9.313	88	30356	1223.124	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	822544	294.704	ug/l	97
52) Toluene	10.240	92	359548	53.790	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	228765	55.590	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	246411	53.214	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	129201	56.144	ug/l	97
56) Ethyl methacrylate	10.508	69	189354	59.309	ug/l	91
57) 1,3-Dichloropropane	10.788	76	217465	55.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	345791	288.834	ug/l	95
59) 2-Hexanone	10.831	43	595722	293.619	ug/l	97
60) Dibromochloromethane	10.984	129	157324	56.303	ug/l	98
61) 1,2-Dibromoethane	11.087	107	125788	55.597	ug/l	100
64) Tetrachloroethene	10.715	164	136914	51.864	ug/l	98
65) Chlorobenzene	11.514	112	390523	51.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	156038	55.168	ug/l	99
67) Ethyl Benzene	11.587	91	699941	52.706	ug/l	99
68) m/p-Xylenes	11.697	106	529723	104.928	ug/l	97
69) o-Xylene	12.026	106	255242	53.459	ug/l	97
70) Styrene	12.038	104	434703	54.452	ug/l	99
71) Bromoform	12.203	173	114655	57.873	ug/l	100
73) Isopropylbenzene	12.325	105	672878	50.515	ug/l	98
74) N-amyl acetate	12.142	43	252998	53.373	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	167962	51.588	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	222849	93.828	ug/l #	100
77) Bromobenzene	12.605	156	170112	52.706	ug/l	95
78) n-propylbenzene	12.666	91	822857	50.152	ug/l	97
79) 2-Chlorotoluene	12.752	91	466219	50.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	560019	51.510	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	59364	51.128	ug/l	95
82) 4-Chlorotoluene	12.849	91	478013	50.056	ug/l	99
83) tert-Butylbenzene	13.069	119	477714	50.717	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	553909	52.403	ug/l	99
85) sec-Butylbenzene	13.251	105	713048	50.440	ug/l	99
86) p-Isopropyltoluene	13.367	119	588015	51.725	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	317549	51.642	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	317142	51.057	ug/l	99
89) n-Butylbenzene	13.690	91	561082	50.568	ug/l	99
90) Hexachloroethane	13.959	117	118441	49.503	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	296751	53.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32546	56.599	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	188356	56.894	ug/l	100
94) Hexachlorobutadiene	15.111	225	111049	57.636	ug/l	99
95) Naphthalene	15.233	128	441473	61.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	177418	60.127	ug/l	99

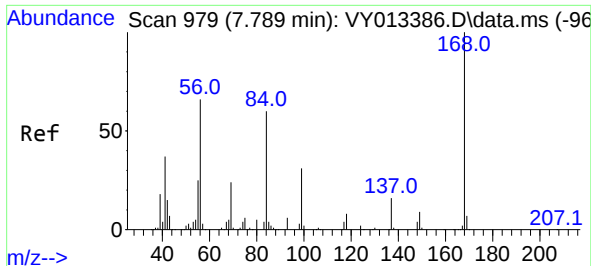
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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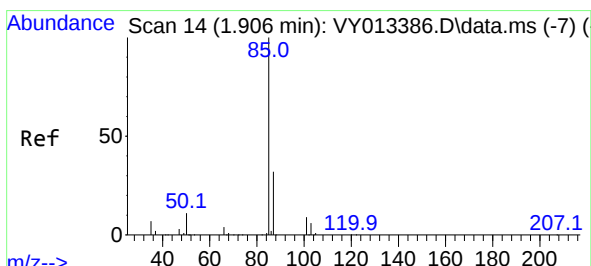
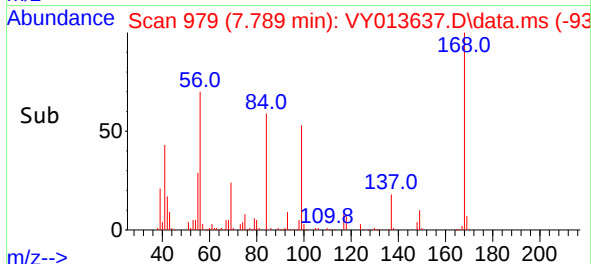
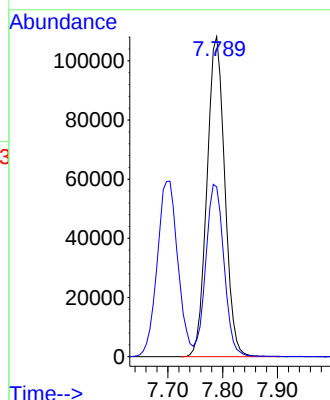
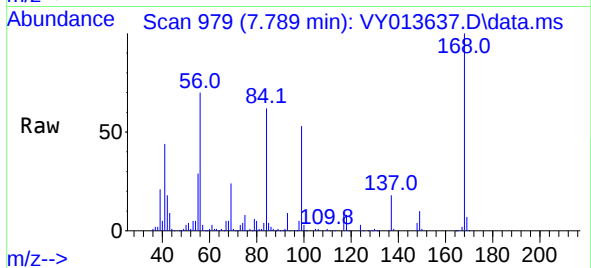
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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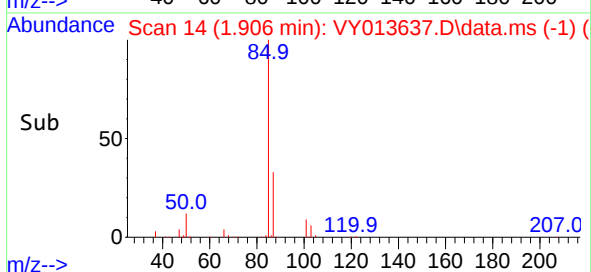
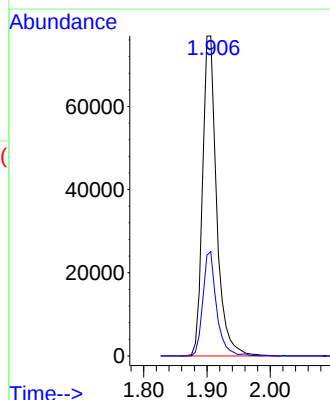
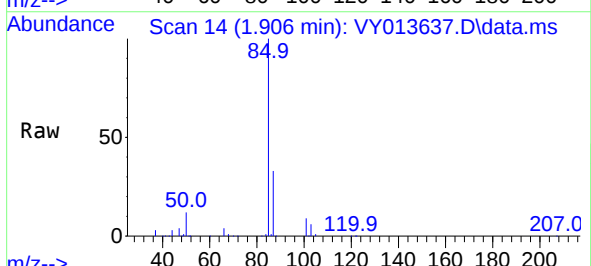
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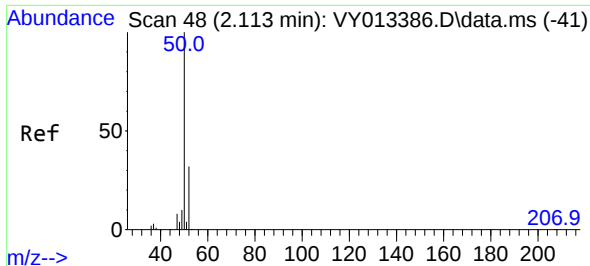
Tgt Ion:168 Resp: 243362
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.575 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 85 Resp: 119324
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

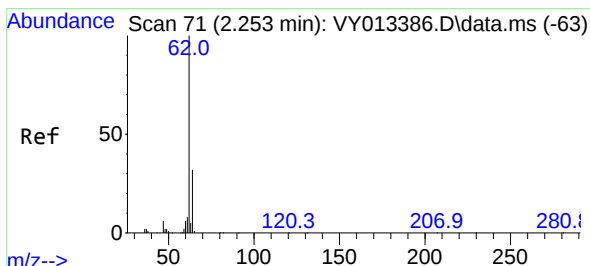
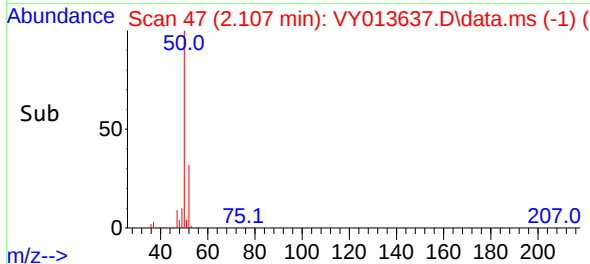
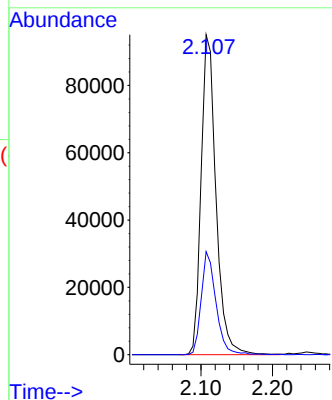
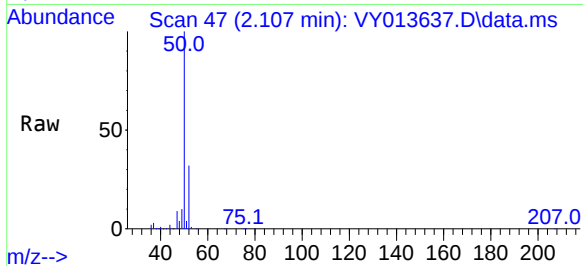




#3
Chloromethane
Concen: 44.272 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

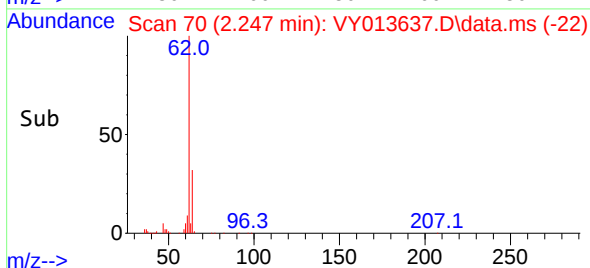
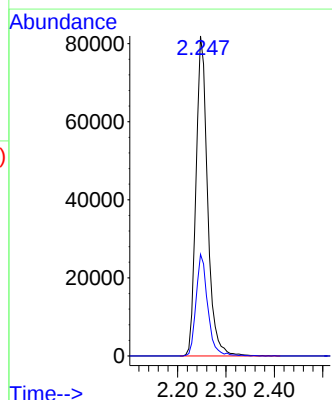
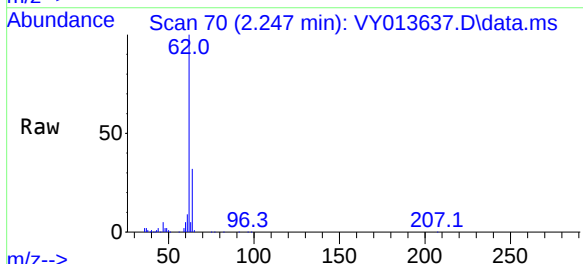
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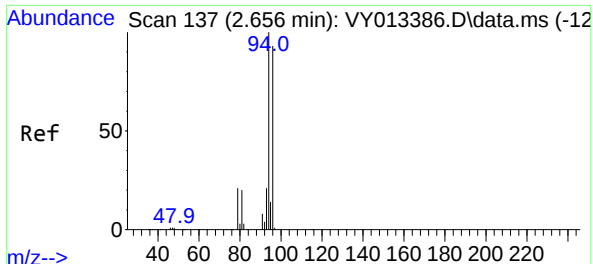
Tgt Ion: 50 Resp: 137297
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 43.993 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 62 Resp: 135843
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

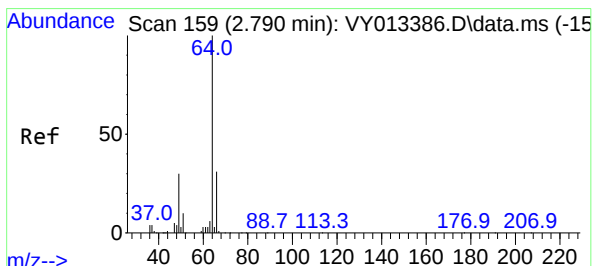
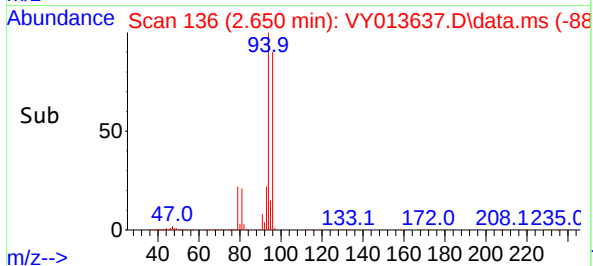
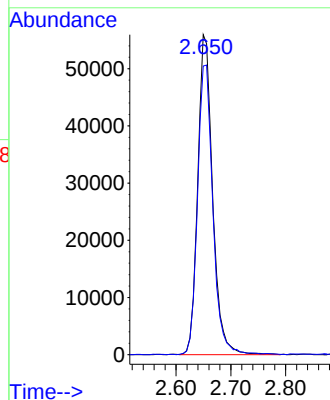
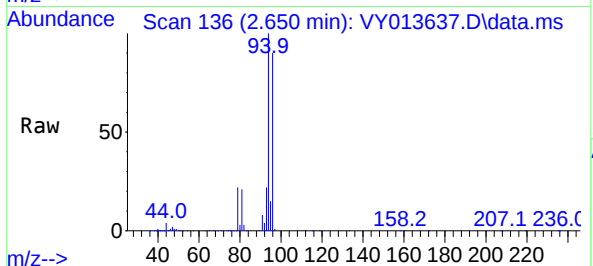




#5
Bromomethane
Concen: 43.092 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

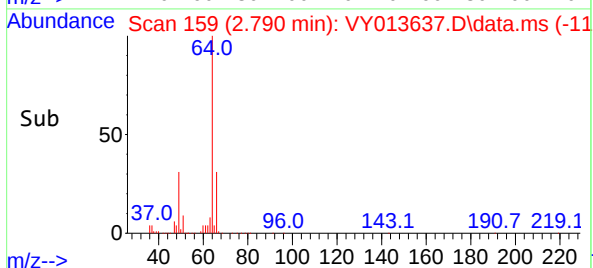
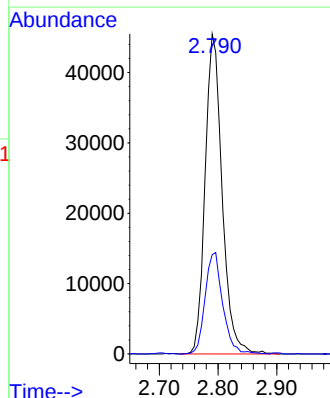
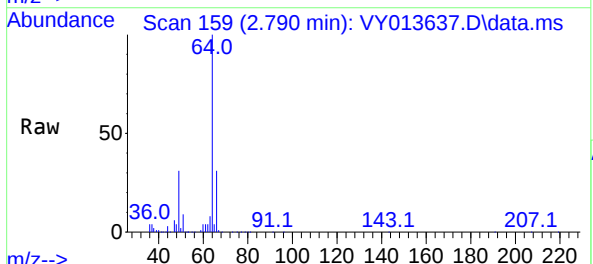
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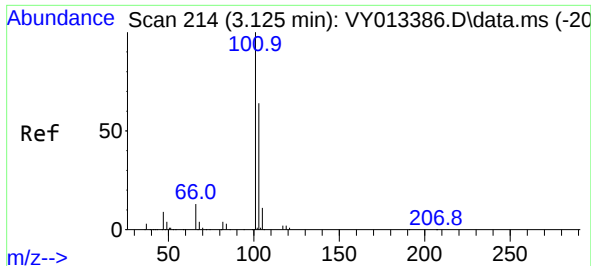
Tgt Ion: 94 Resp: 106036
Ion Ratio Lower Upper
94 100
96 90.1 74.2 111.2



#6
Chloroethane
Concen: 42.917 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 64 Resp: 91551
Ion Ratio Lower Upper
64 100
66 31.0 24.6 37.0

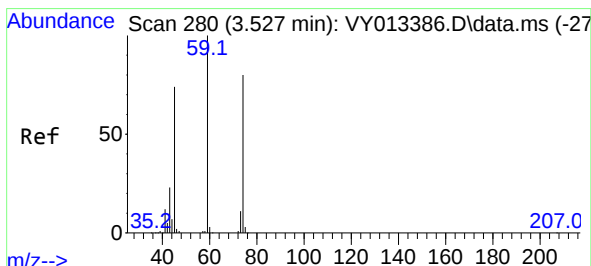
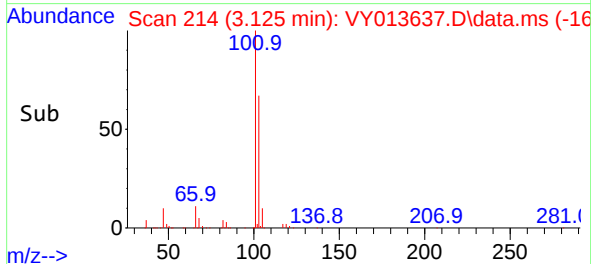
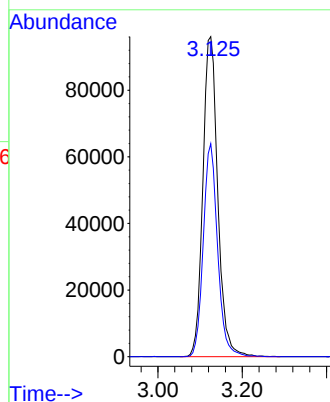
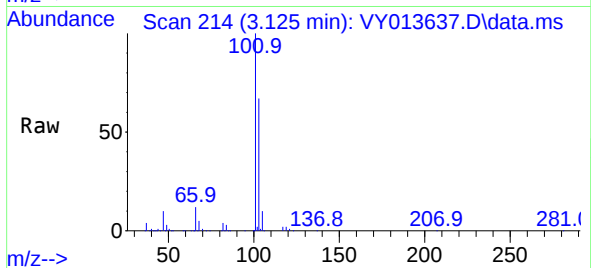




#7
Trichlorofluoromethane
Concen: 50.639 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013637.D
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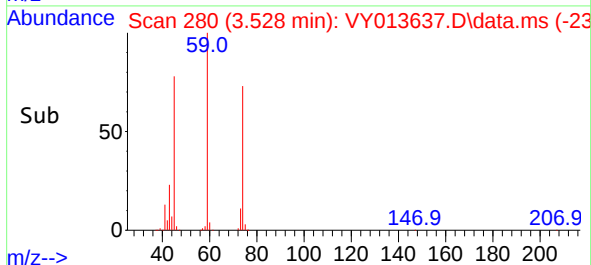
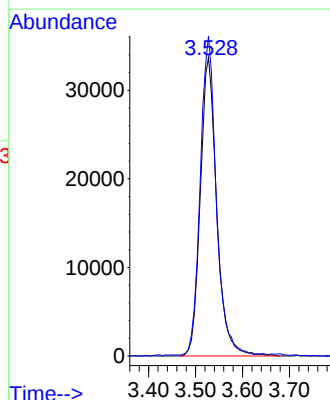
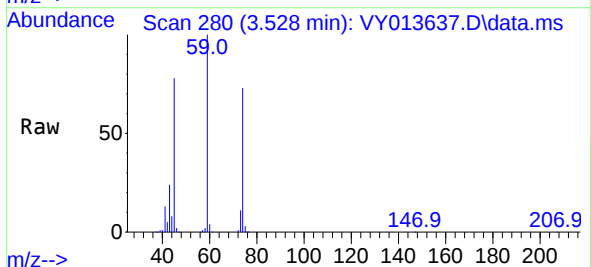
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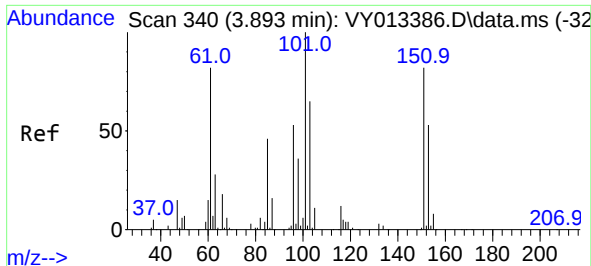
Tgt Ion:101 Resp: 236878
Ion Ratio Lower Upper
101 100
103 66.6 51.6 77.4



#8
Diethyl Ether
Concen: 51.343 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 74 Resp: 81786
Ion Ratio Lower Upper
74 100
45 105.7 48.2 144.6

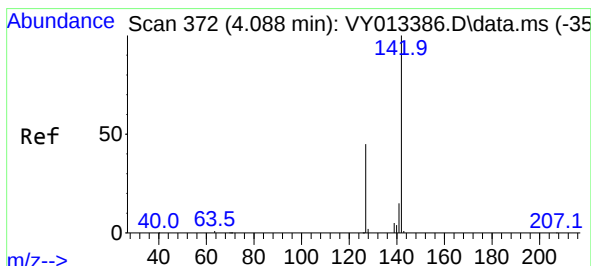
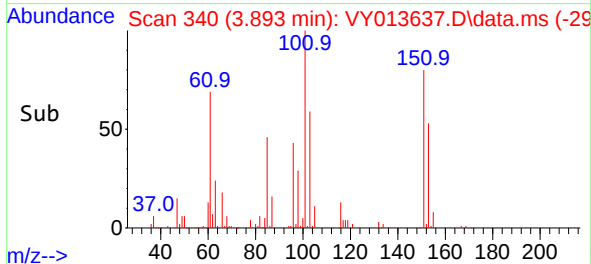
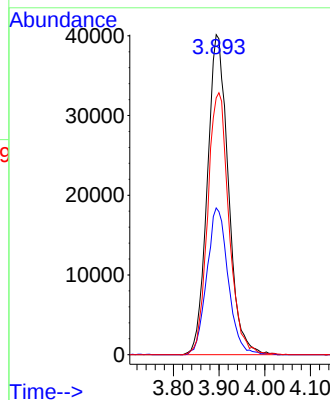
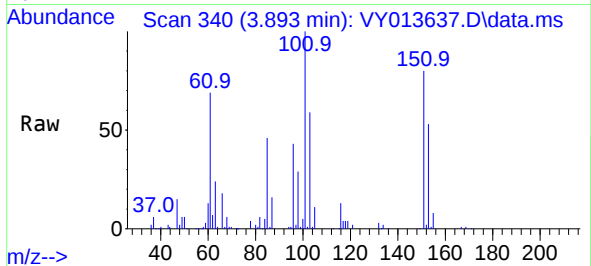




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.909 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013637.D
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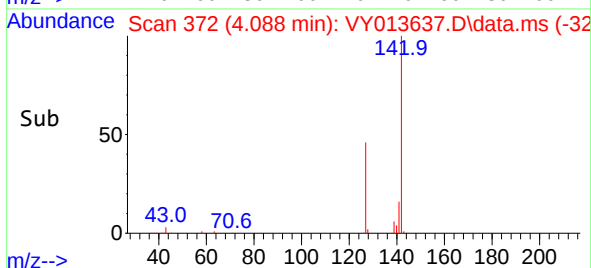
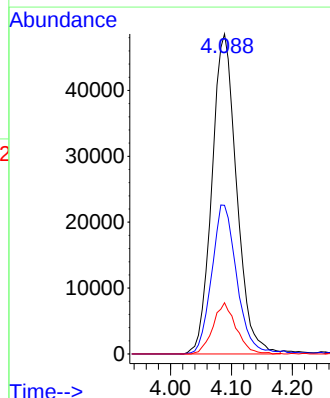
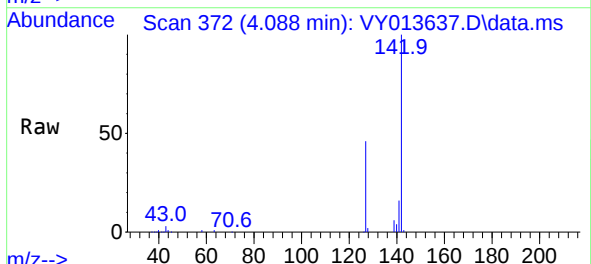
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

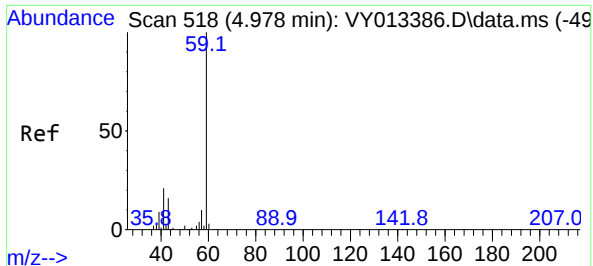
Tgt Ion:101 Resp: 128331
Ion Ratio Lower Upper
101 100
85 46.5 35.6 53.4
151 82.6 68.0 102.0



#10
Methyl Iodide
Concen: 41.526 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:142 Resp: 136850
Ion Ratio Lower Upper
142 100
127 47.8 36.1 54.1
141 15.0 11.6 17.4

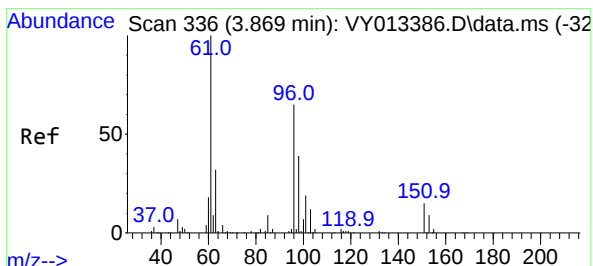
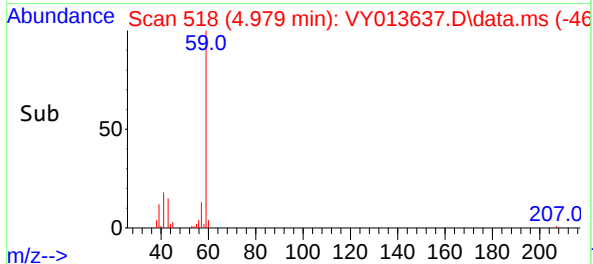
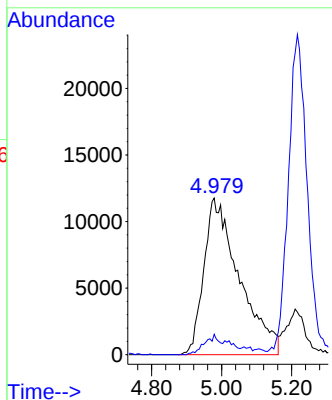
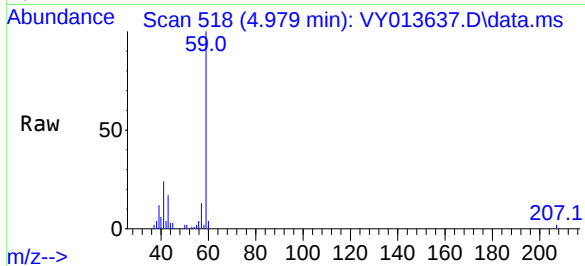




#11
Tert butyl alcohol
Concen: 274.886 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

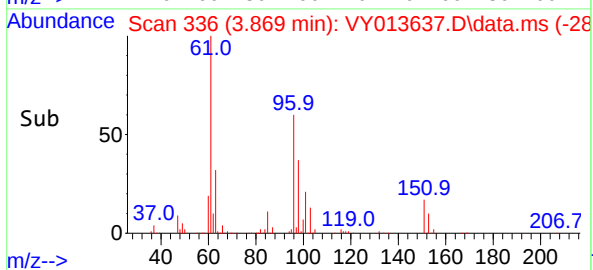
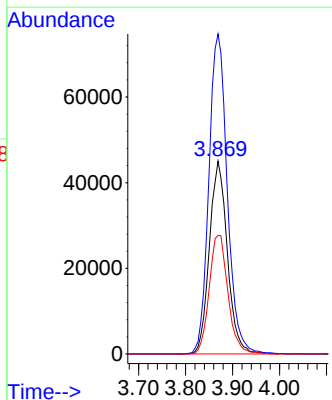
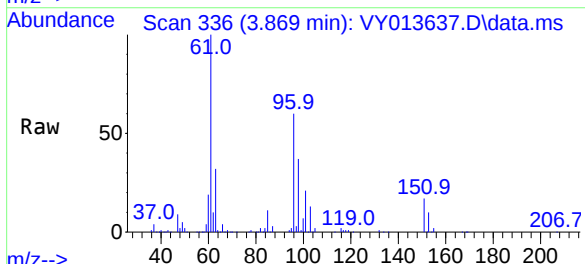
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

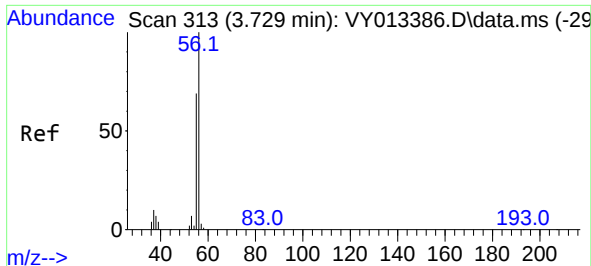
Tgt Ion: 59 Resp: 82618
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.366 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 96 Resp: 119800
Ion Ratio Lower Upper
96 100
61 165.9 123.9 185.9
98 61.5 48.9 73.3

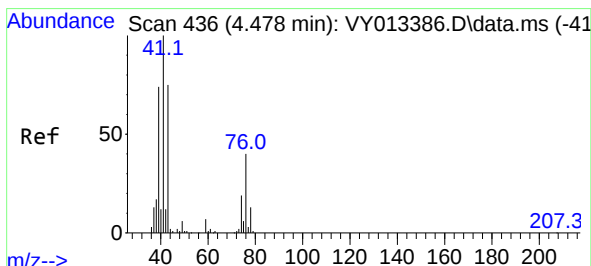
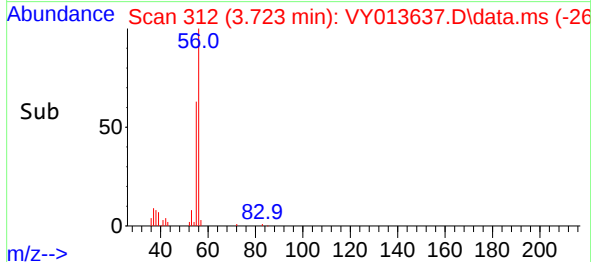
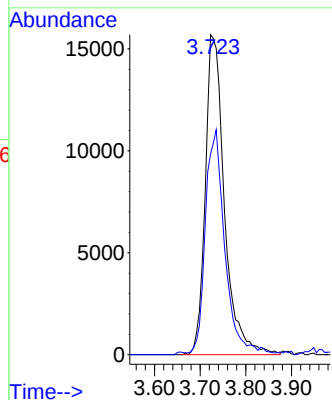
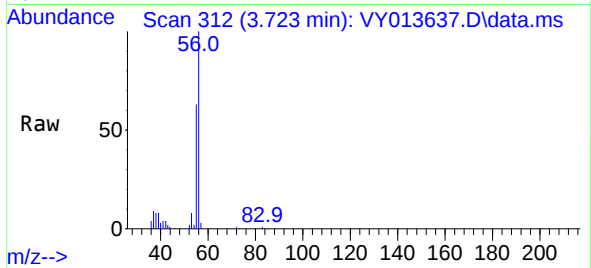




#13
Acrolein
Concen: 194.098 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

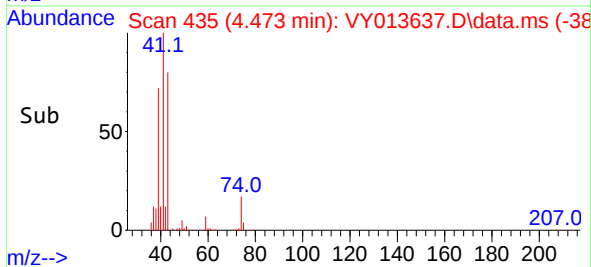
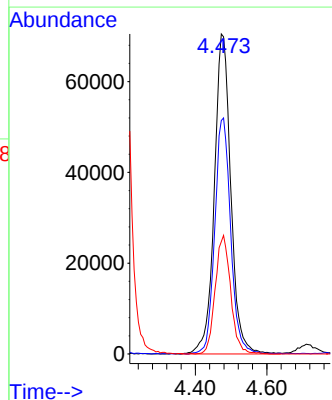
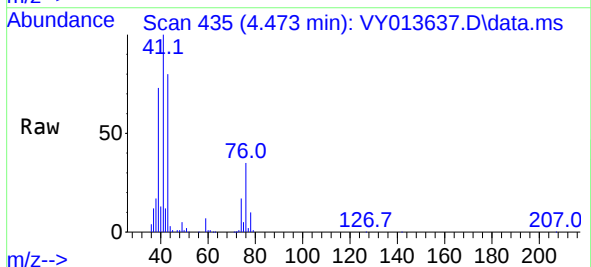
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

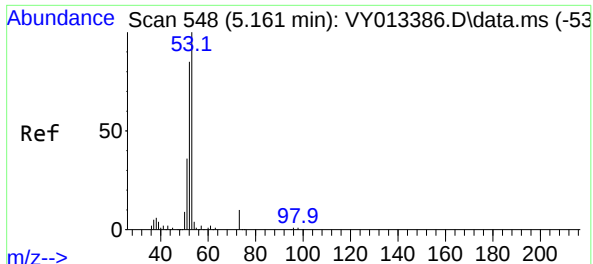
Tgt Ion: 56 Resp: 45705
Ion Ratio Lower Upper
56 100
55 69.1 54.1 81.1



#14
Allyl chloride
Concen: 48.111 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 41 Resp: 225784
Ion Ratio Lower Upper
41 100
39 71.2 56.6 85.0
76 34.7 30.5 45.7





#15

Acrylonitrile

Concen: 281.768 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

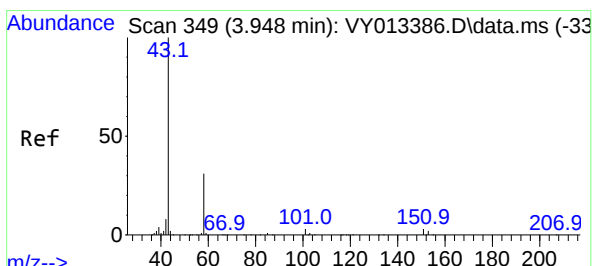
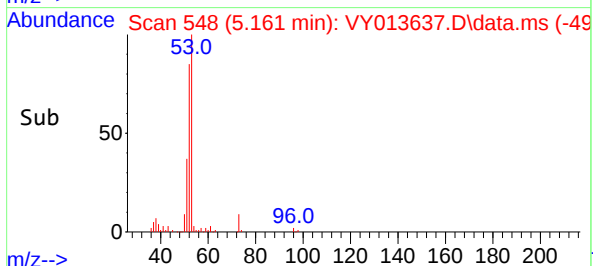
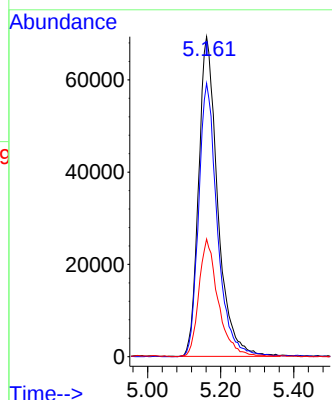
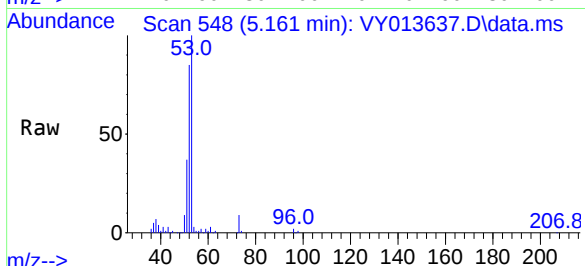
Tgt Ion: 53 Resp: 251368

Ion Ratio Lower Upper

53 100

52 84.1 65.4 98.0

51 37.4 29.3 43.9



#16

Acetone

Concen: 217.216 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013637.D

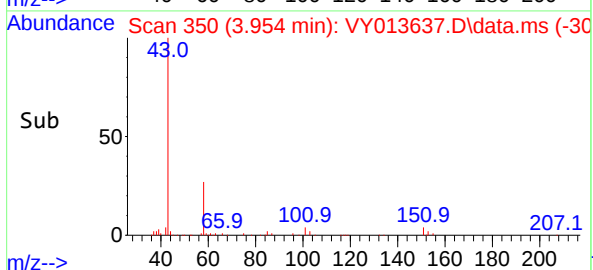
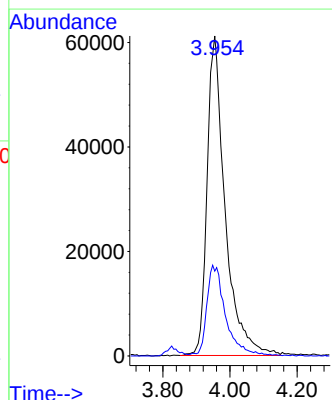
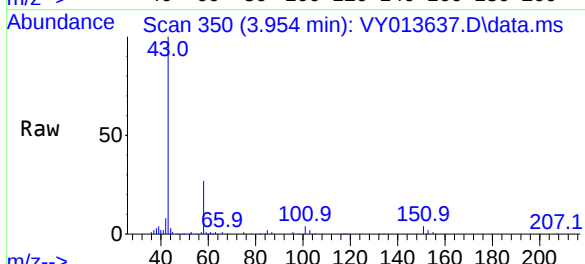
Acq: 05 May 2023 19:48

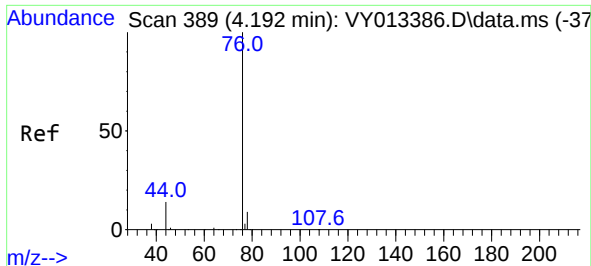
Tgt Ion: 43 Resp: 228207

Ion Ratio Lower Upper

43 100

58 26.3 25.4 38.0

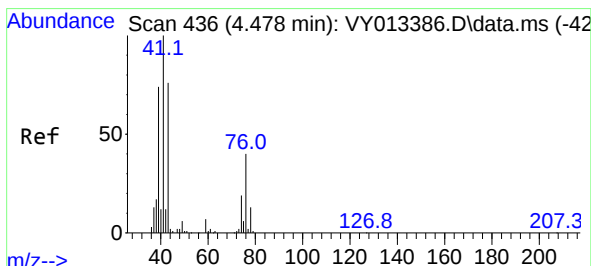
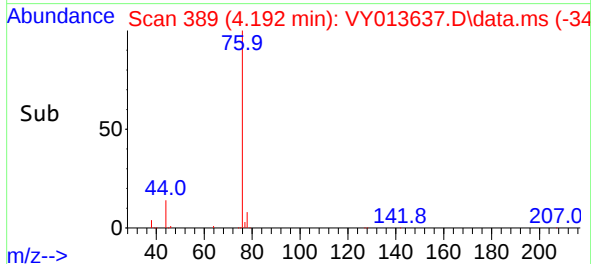
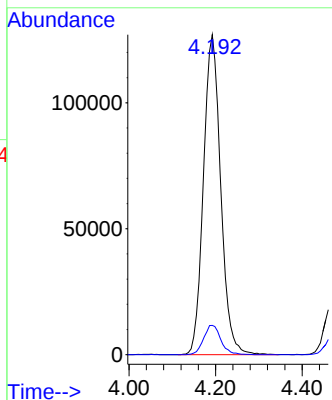
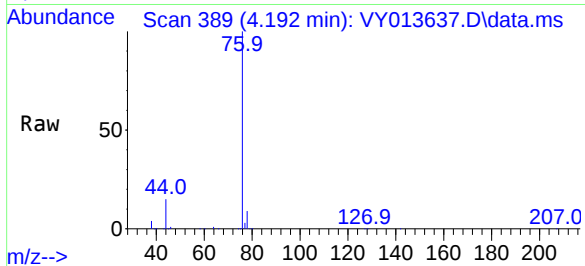




#17
Carbon Disulfide
Concen: 42.778 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

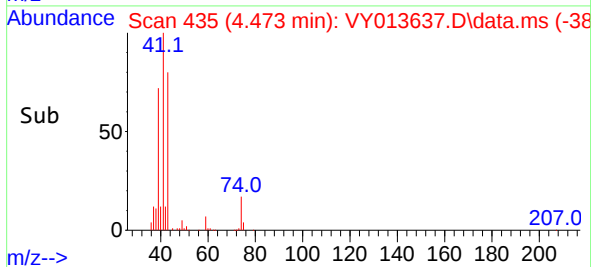
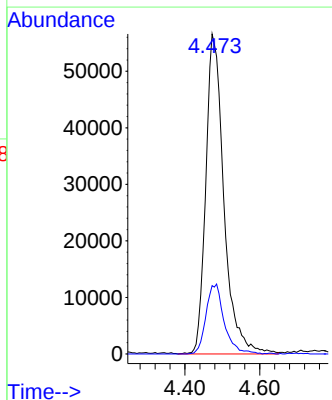
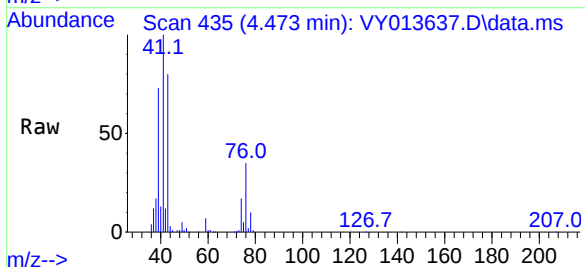
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

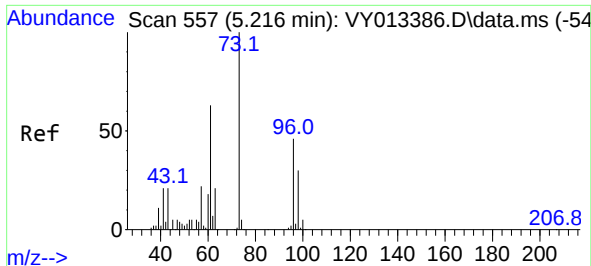
Tgt Ion: 76 Resp: 351453
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 54.870 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 43 Resp: 190395
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2

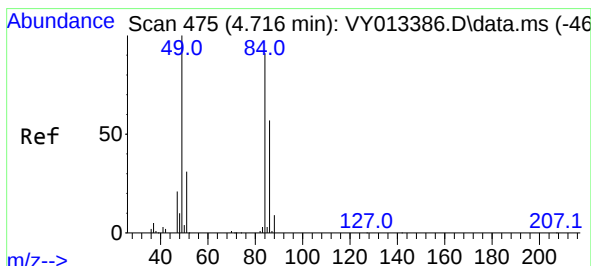
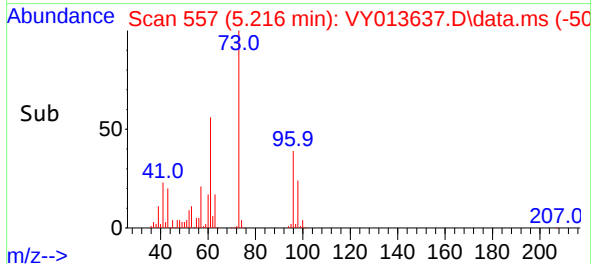
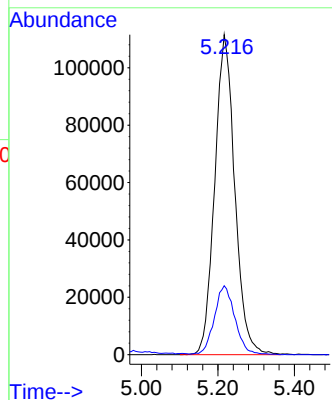
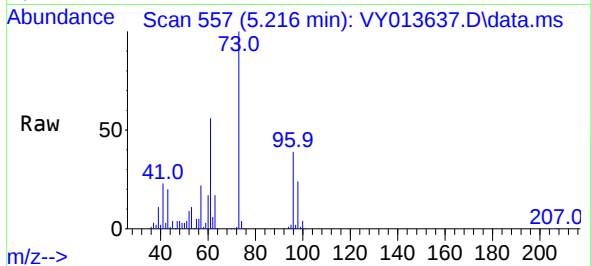




#19
Methyl tert-butyl Ether
Concen: 55.521 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

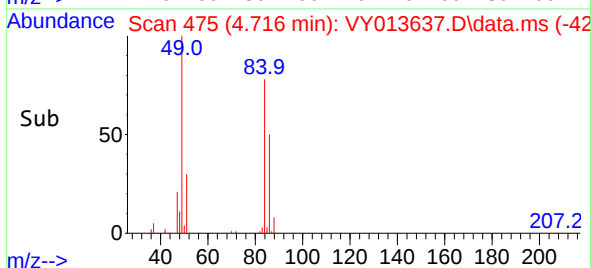
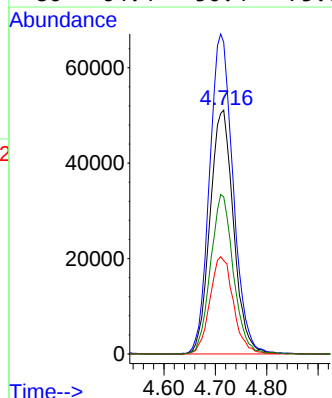
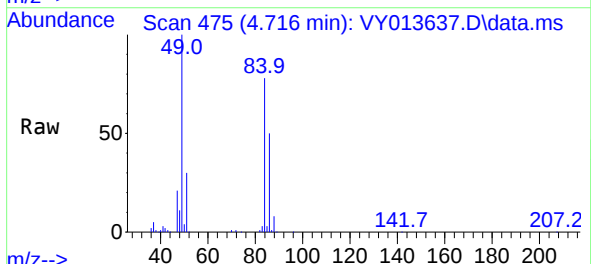
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

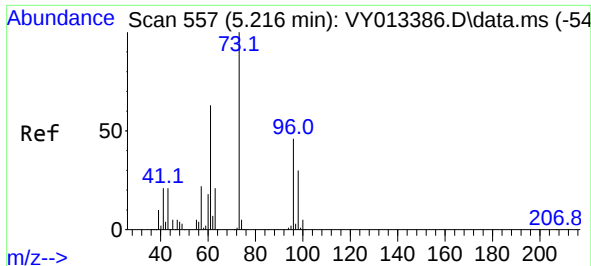
Tgt Ion: 73 Resp: 405408
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 49.337 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 84 Resp: 162734
Ion Ratio Lower Upper
84 100
49 127.7 88.0 132.0
51 38.2 27.4 41.0
86 64.4 50.4 75.6

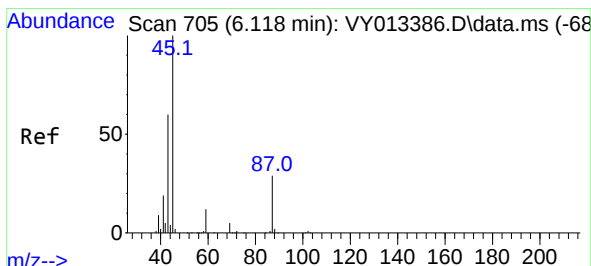
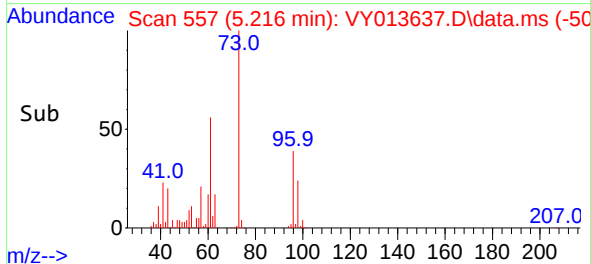
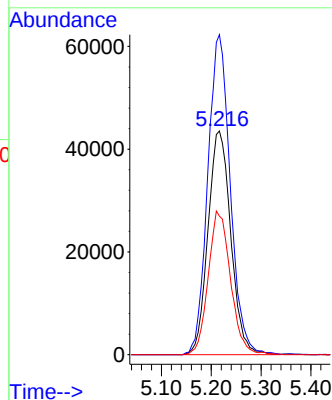
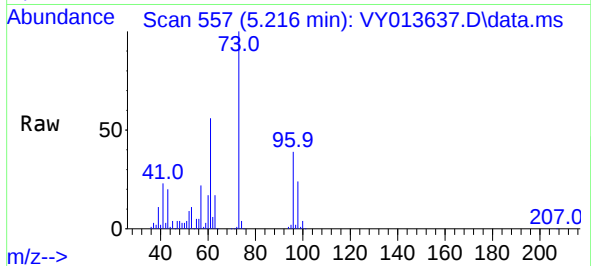




#21
trans-1,2-Dichloroethene
Concen: 50.128 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

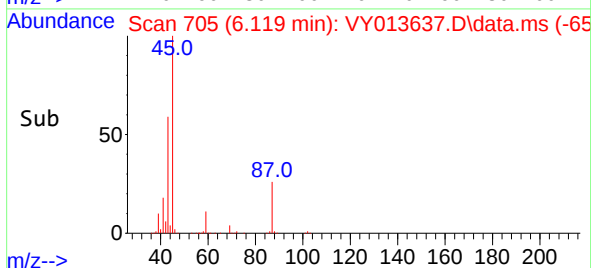
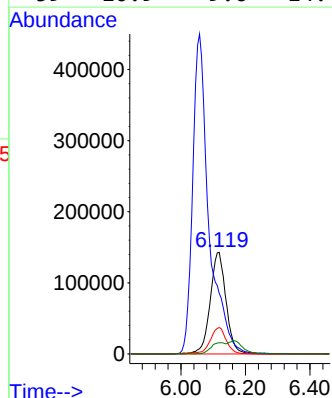
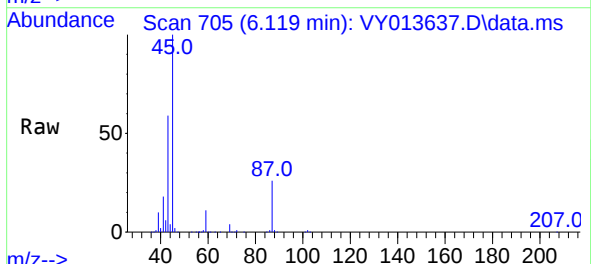
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

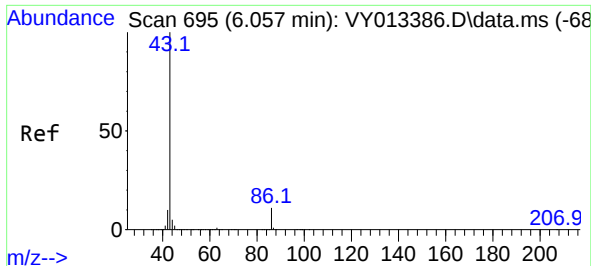
Tgt Ion: 96 Resp: 138622
Ion Ratio Lower Upper
96 100
61 143.1 110.6 165.8
98 62.0 53.1 79.7



#22
Diisopropyl ether
Concen: 52.947 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 45 Resp: 485671
Ion Ratio Lower Upper
45 100
43 59.0 48.4 72.6
87 25.9 23.8 35.6
59 10.9 9.6 14.4

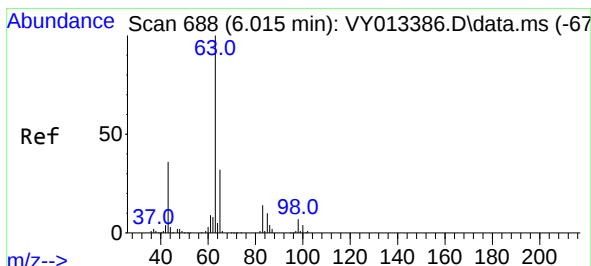
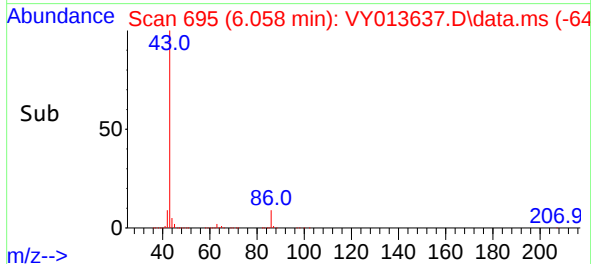
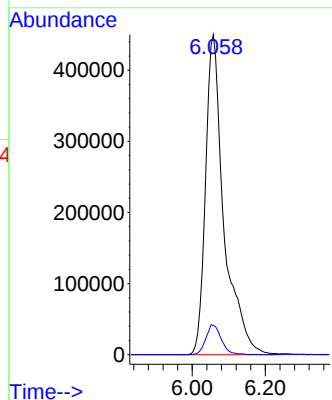
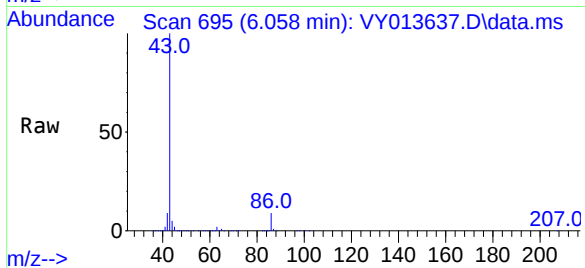




#23
 Vinyl Acetate
 Concen: 302.336 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013637.D
 Acq: 05 May 2023 19:48

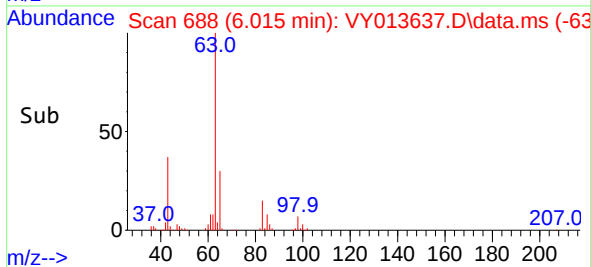
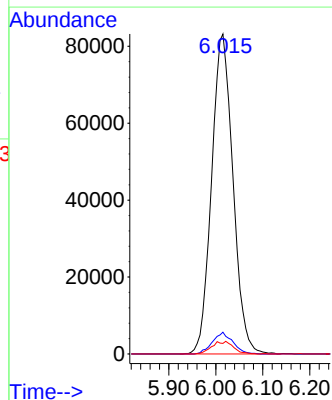
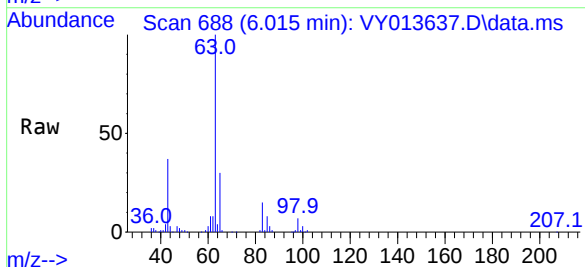
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

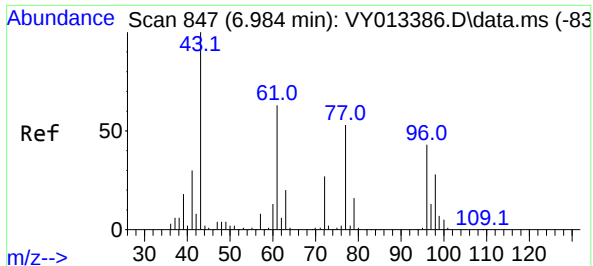
Tgt Ion: 43 Resp: 1570208
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.402 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013637.D
 Acq: 05 May 2023 19:48

Tgt Ion: 63 Resp: 262783
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 3.3 2.2 6.6

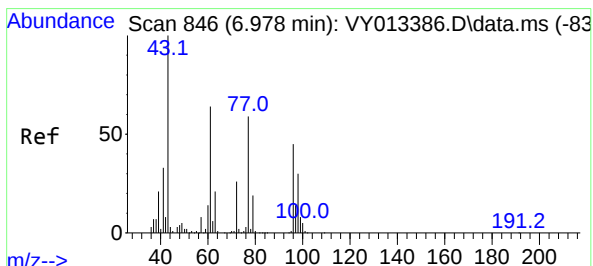
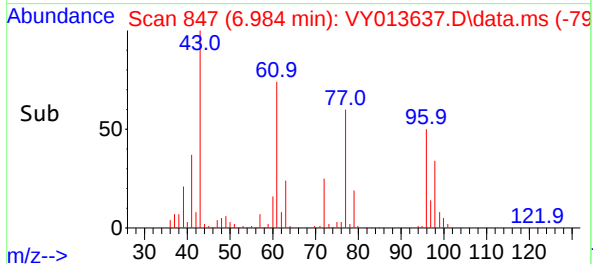
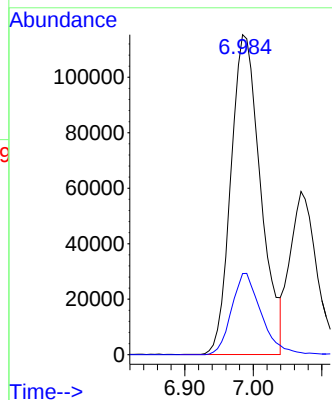
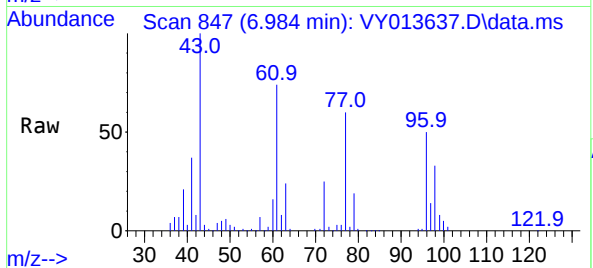




#25
2-Butanone
Concen: 261.090 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

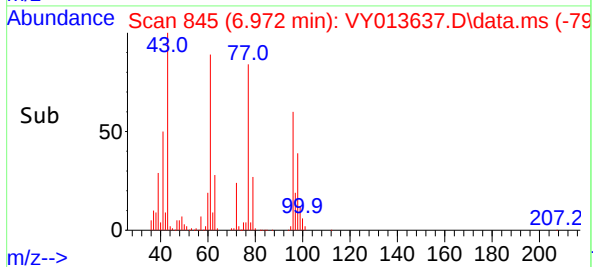
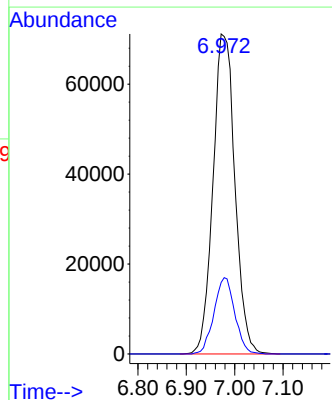
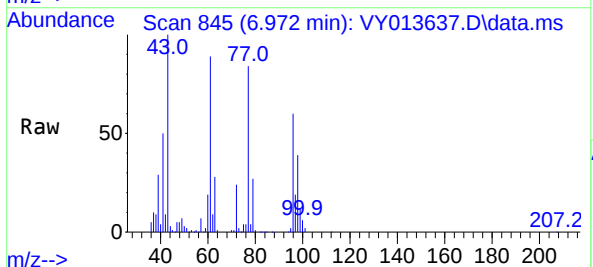
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

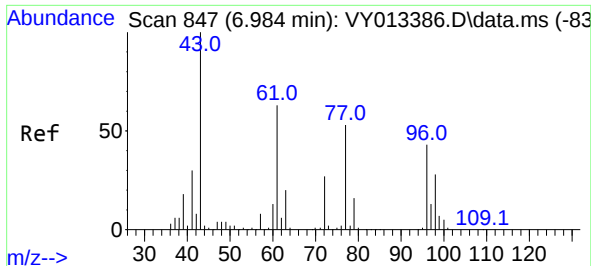
Tgt Ion: 43 Resp: 347874
Ion Ratio Lower Upper
43 100
72 25.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 50.764 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 77 Resp: 223629
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.4



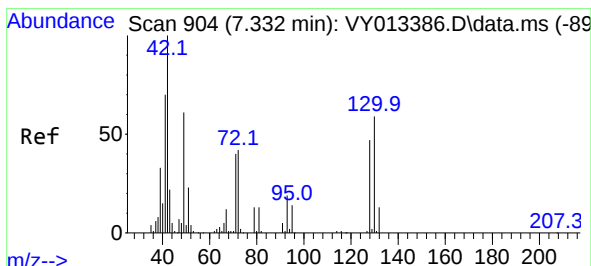
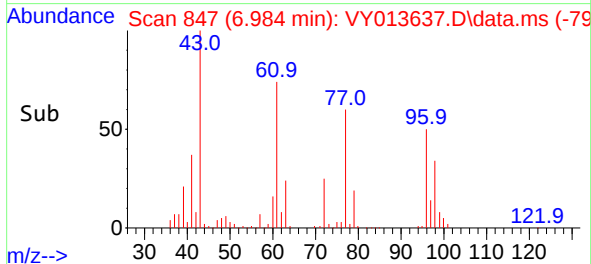
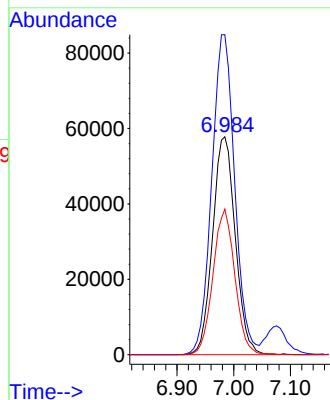
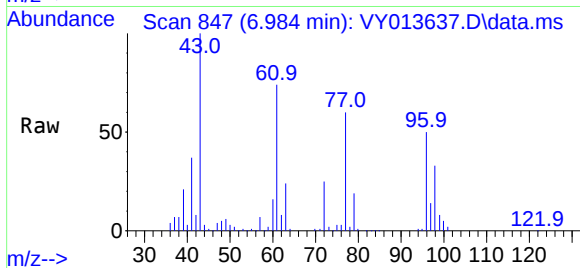


#27
 cis-1,2-Dichloroethene
 Concen: 52.657 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013637.D
 Acq: 05 May 2023 19:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 160890

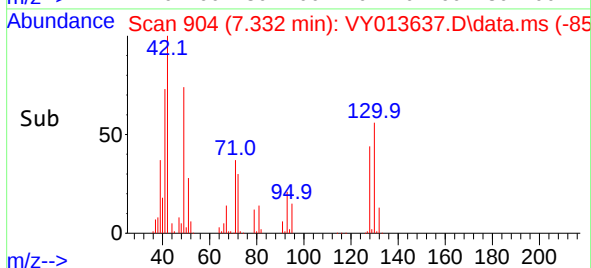
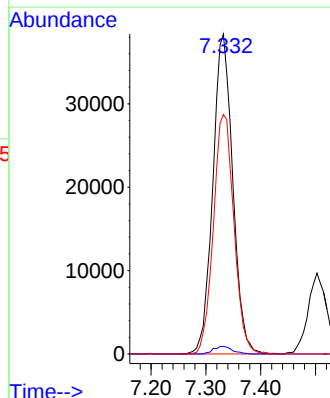
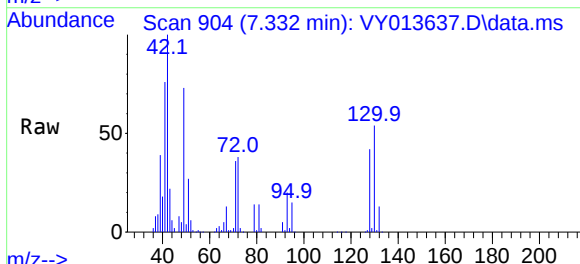
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	285.0
98	64.3	0.0	130.6

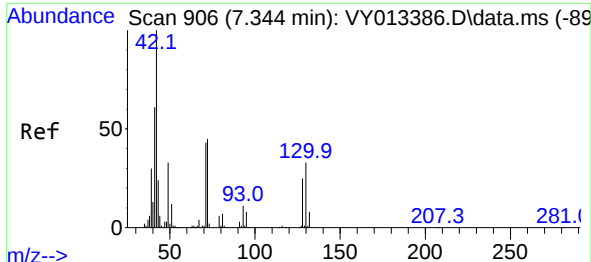


#28
 Bromochloromethane
 Concen: 53.345 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013637.D
 Acq: 05 May 2023 19:48

Tgt Ion: 49 Resp: 96777

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	77.1	72.1	108.1

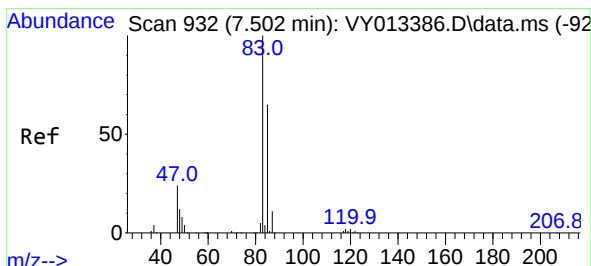
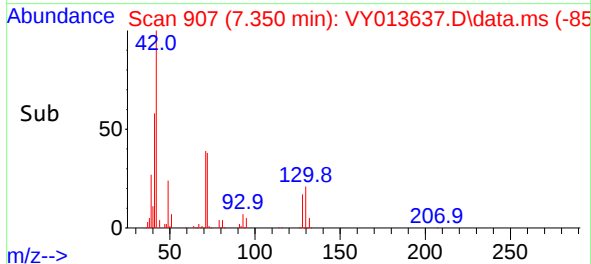
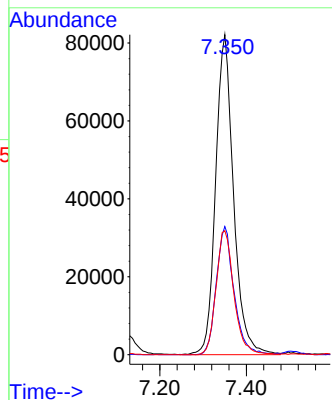
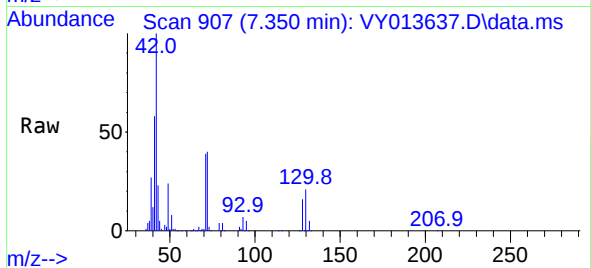




#29
Tetrahydrofuran
Concen: 284.544 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

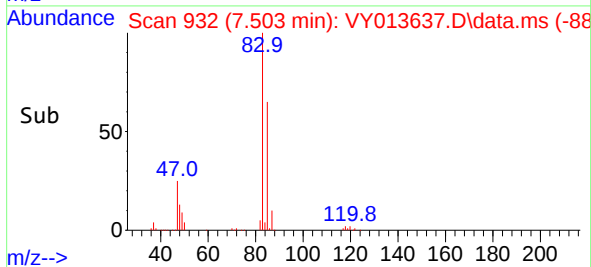
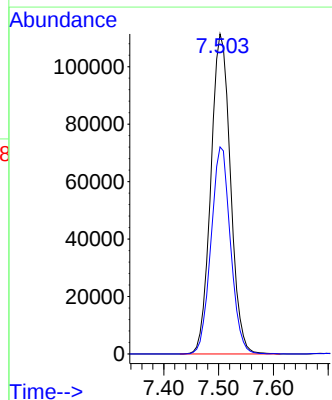
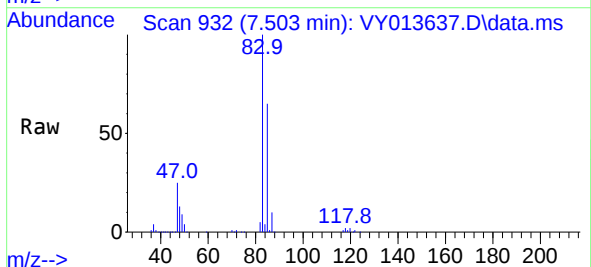
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

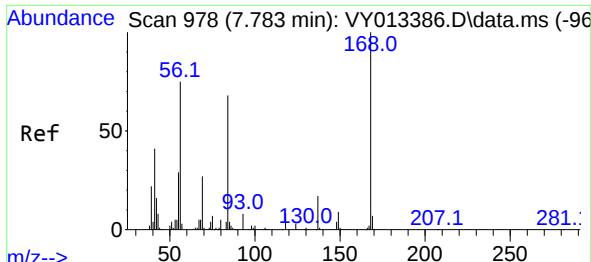
Tgt Ion: 42 Resp: 235997
Ion Ratio Lower Upper
42 100
72 39.7 35.9 53.9
71 38.6 34.3 51.5



#30
Chloroform
Concen: 54.470 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

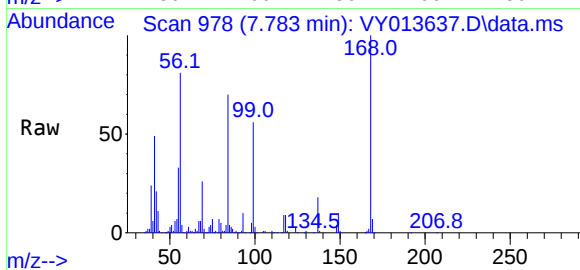
Tgt Ion: 83 Resp: 276867
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0



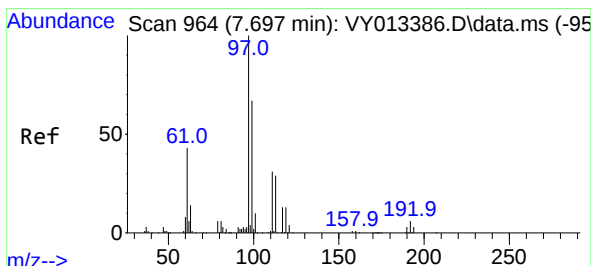
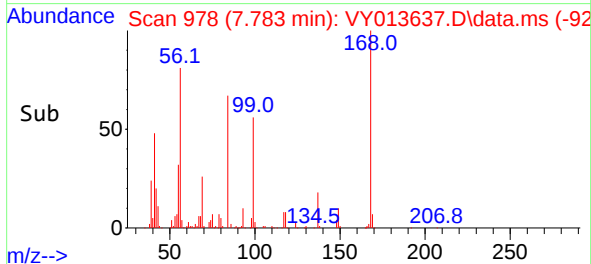
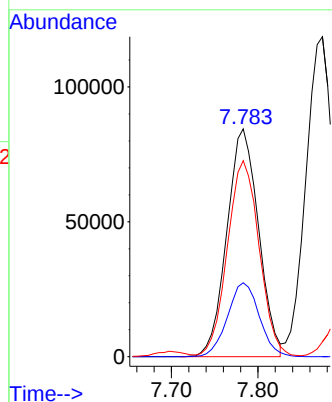


#31
Cyclohexane
Concen: 44.953 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

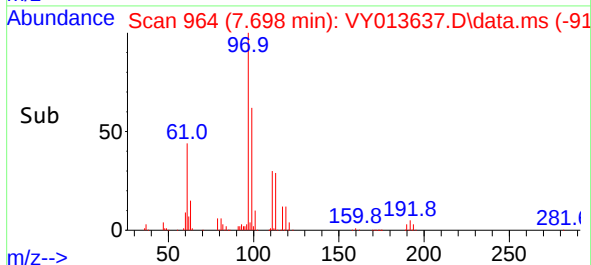
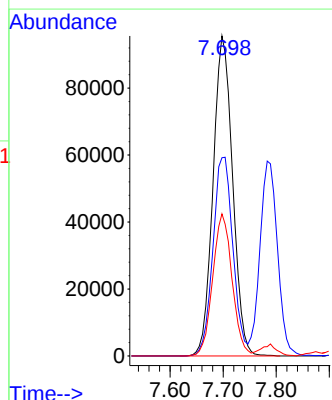
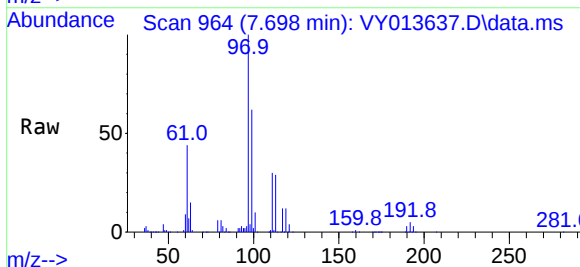


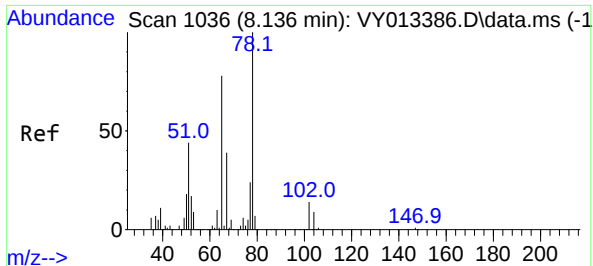
Tgt Ion: 56 Resp: 214716
Ion Ratio Lower Upper
56 100
69 32.5 29.2 43.8
84 84.2 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.975 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 97 Resp: 244816
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.2
61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.787 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

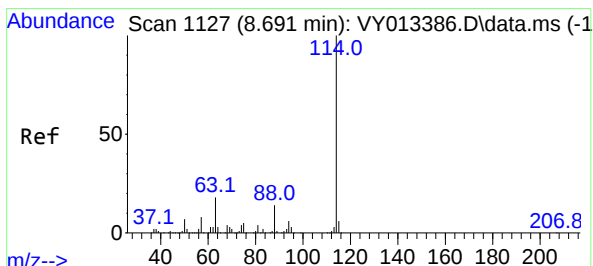
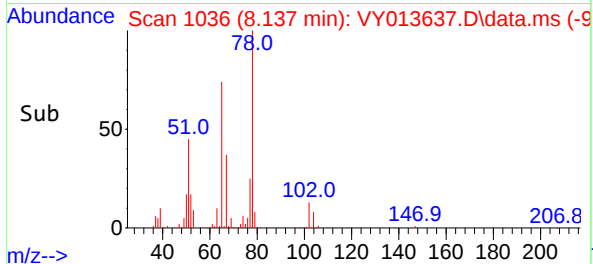
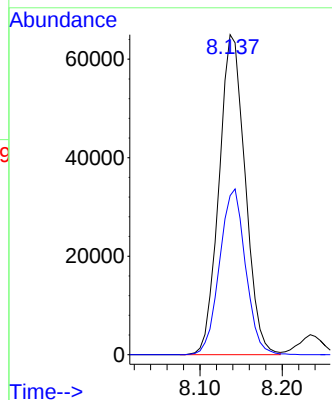
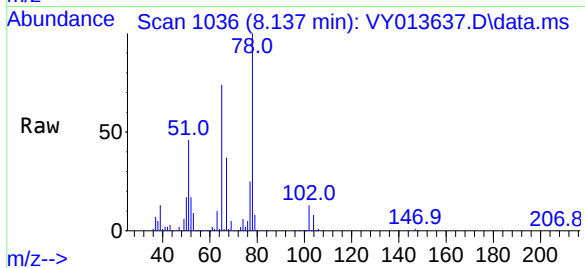
VSTDCCC050EC

Tgt Ion: 65 Resp: 143492

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

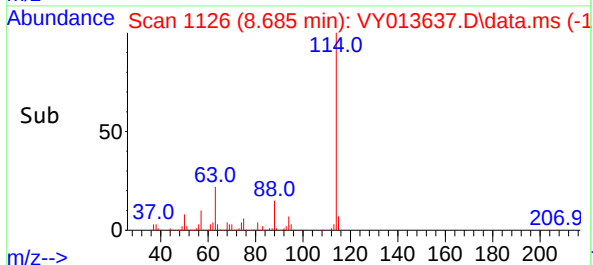
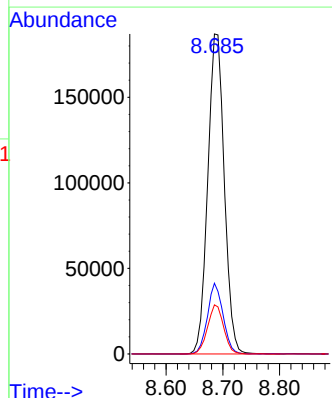
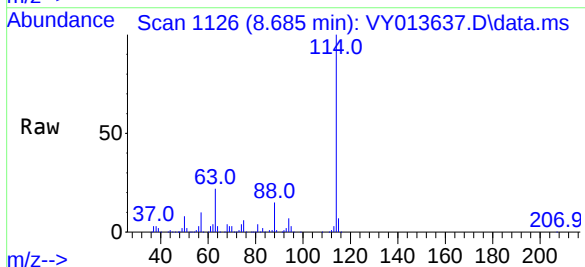
Tgt Ion: 114 Resp: 377765

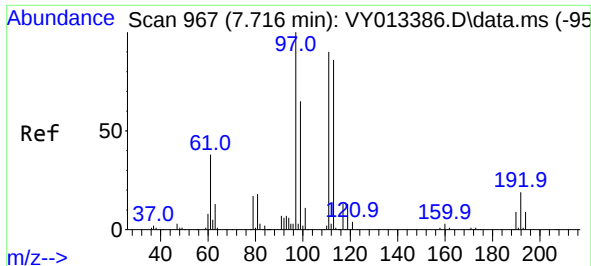
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.6

88 15.4 0.0 28.8

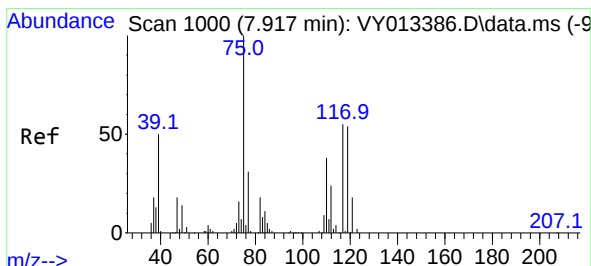
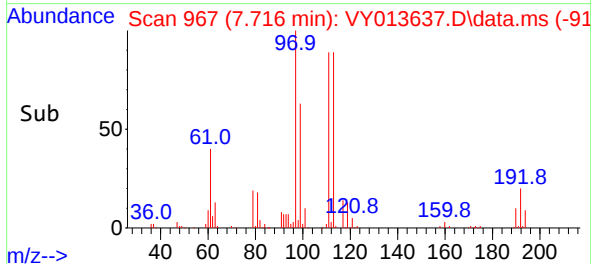
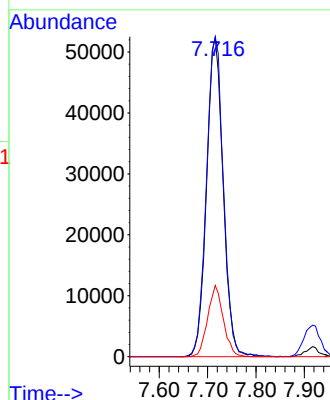
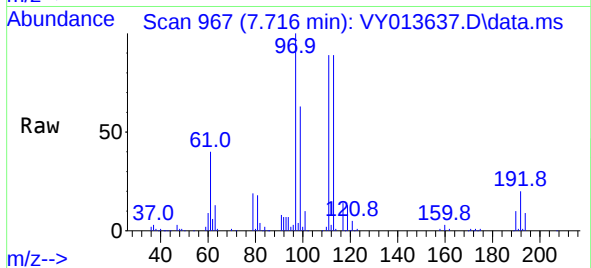




#35
Dibromofluoromethane
Concen: 52.225 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

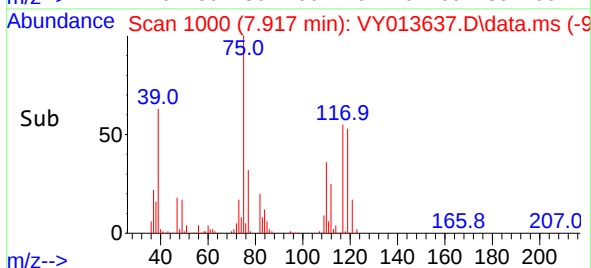
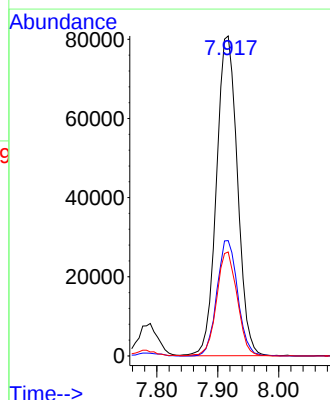
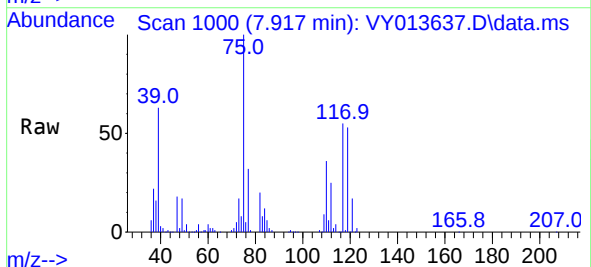
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

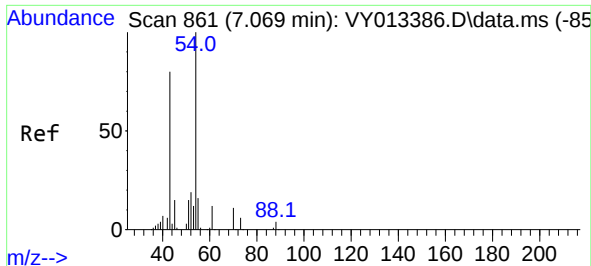
Tgt Ion:113 Resp: 124086
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 48.977 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 75 Resp: 193128
Ion Ratio Lower Upper
75 100
110 35.8 18.7 56.1
77 32.0 24.6 37.0

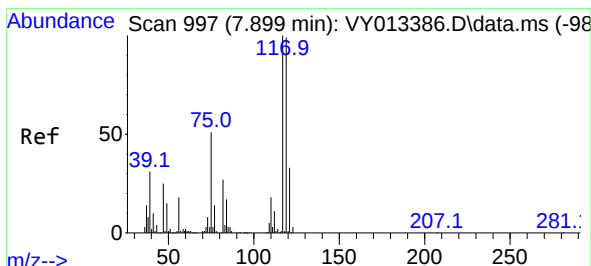
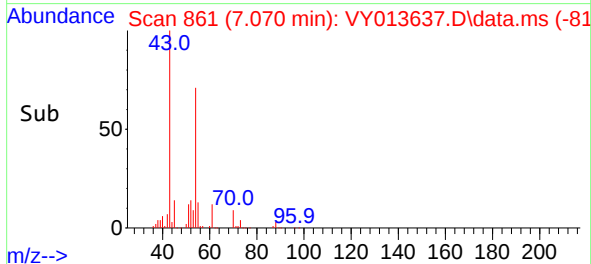
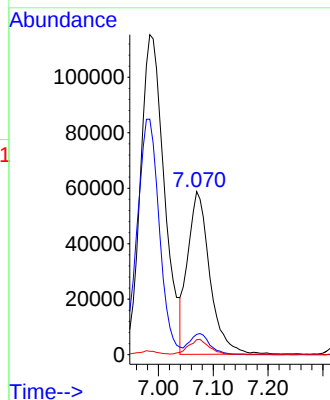
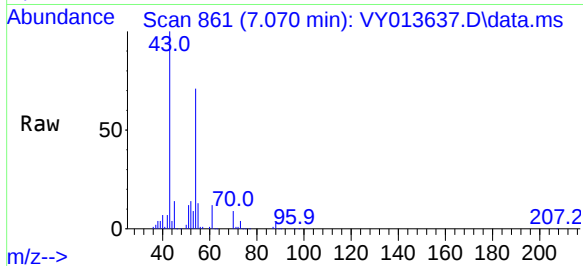




#37
Ethyl Acetate
Concen: 55.372 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

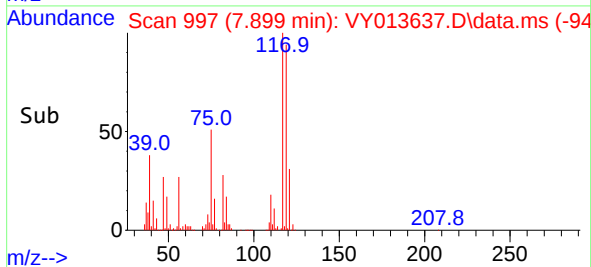
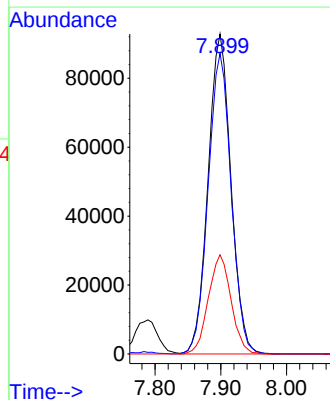
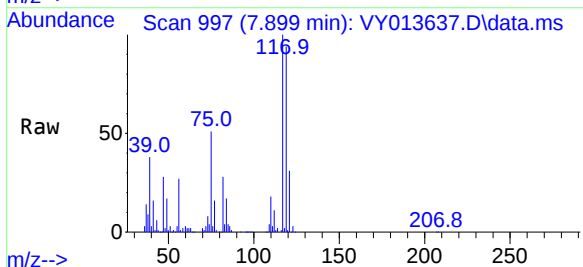
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

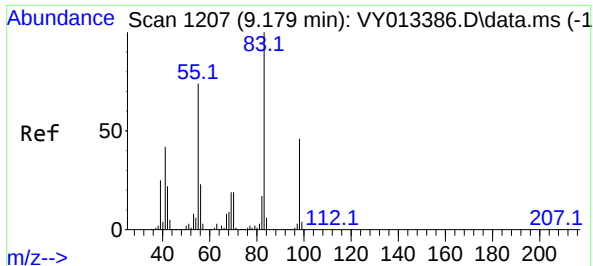
Tgt Ion: 43 Resp: 164312
Ion Ratio Lower Upper
43 100
61 11.8 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 54.330 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 117 Resp: 224546
Ion Ratio Lower Upper
117 100
119 93.9 79.0 118.6
121 31.0 26.6 40.0

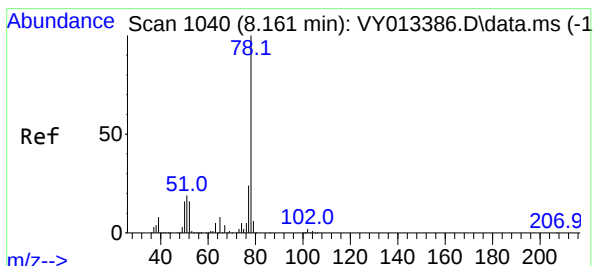
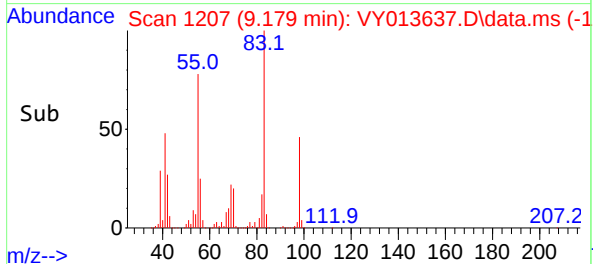
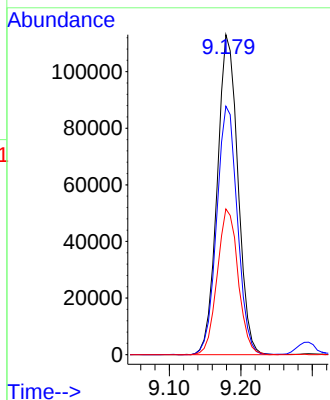
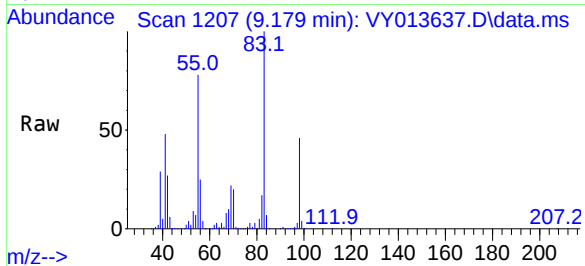




#39
Methylcyclohexane
Concen: 48.741 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

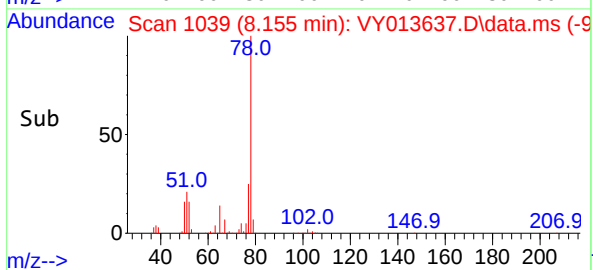
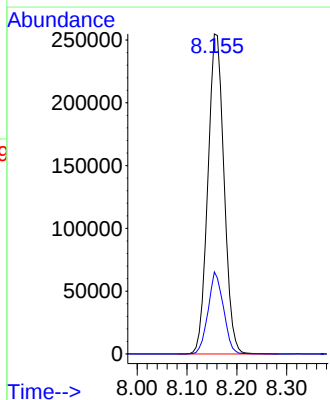
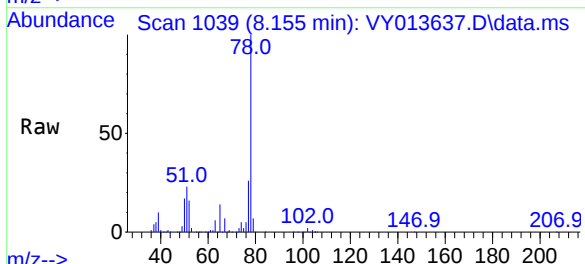
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

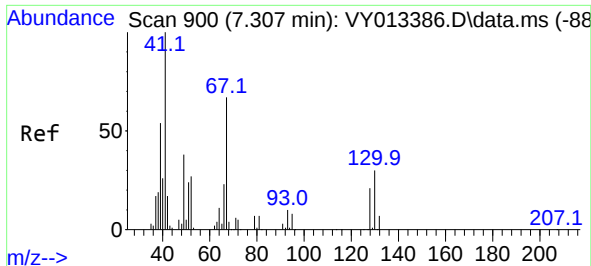
Tgt Ion: 83 Resp: 226582
Ion Ratio Lower Upper
83 100
55 77.7 59.0 88.4
98 45.6 37.0 55.4



#40
Benzene
Concen: 51.620 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 78 Resp: 573381
Ion Ratio Lower Upper
78 100
77 25.6 19.2 28.8



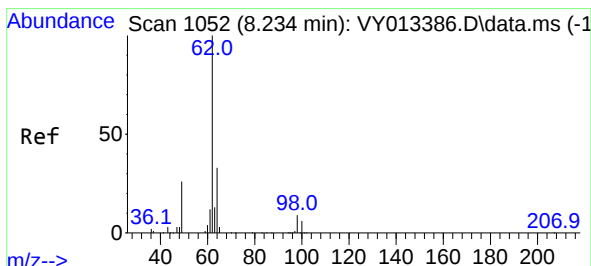
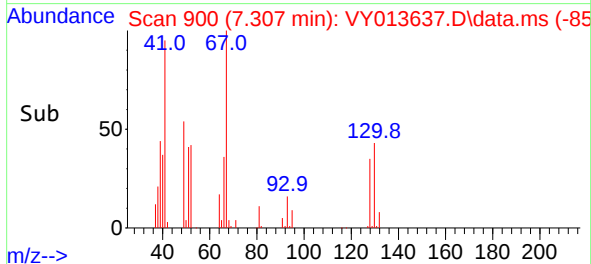
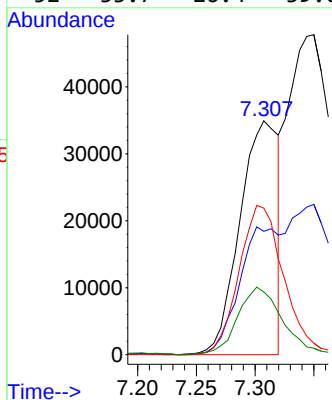
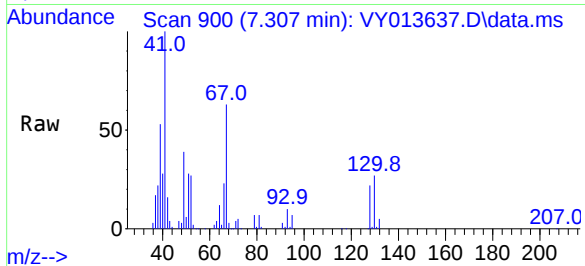


#41
Methacrylonitrile
Concen: 57.843 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 79986

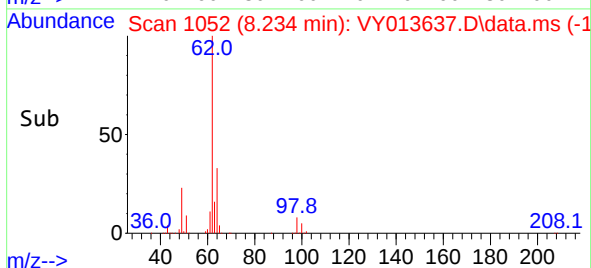
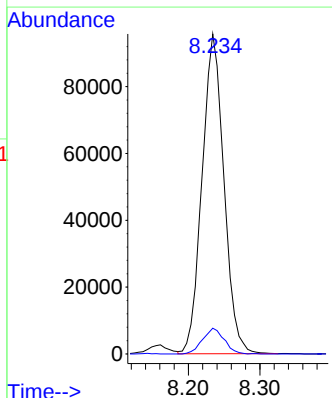
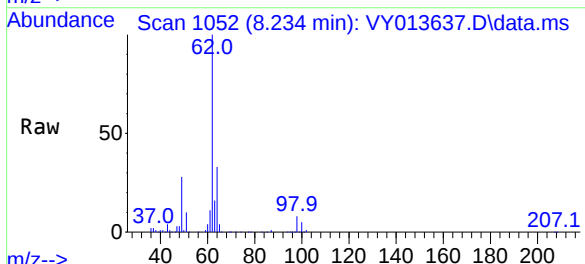
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.2	66.4
67	74.7	62.9	94.3
52	33.7	26.4	39.6

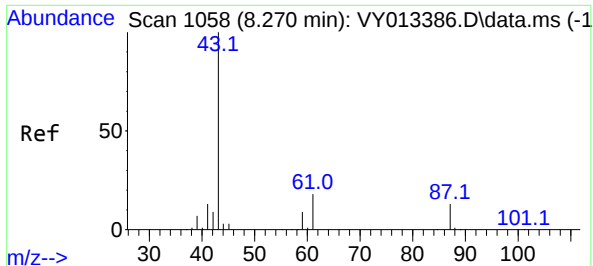


#42
1,2-Dichloroethane
Concen: 55.991 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 62 Resp: 203330

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 55.739 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

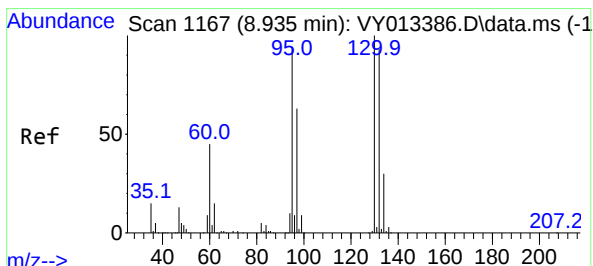
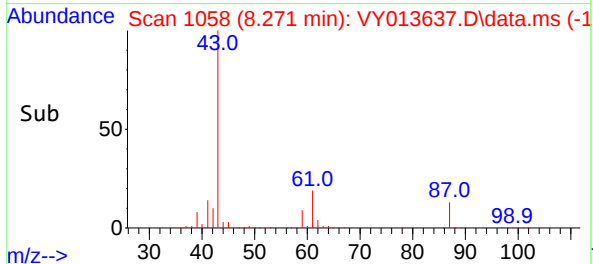
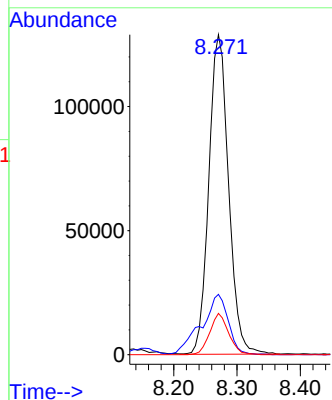
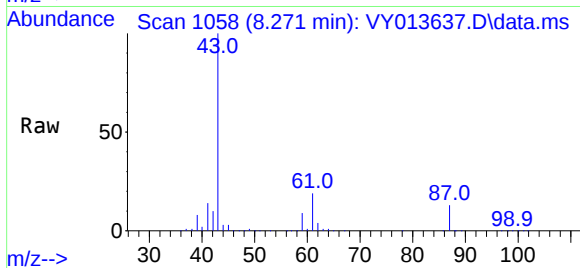
Tgt Ion: 43 Resp: 279183

Ion Ratio Lower Upper

43 100

61 25.8 22.2 33.4

87 12.4 11.0 16.6



#44

Trichloroethene

Concen: 51.802 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013637.D

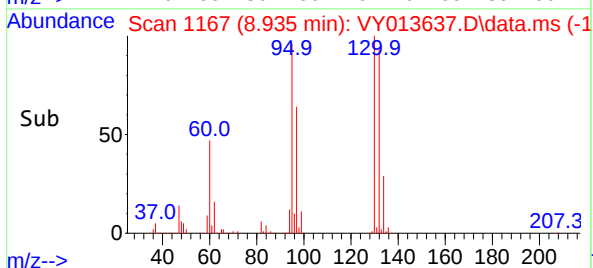
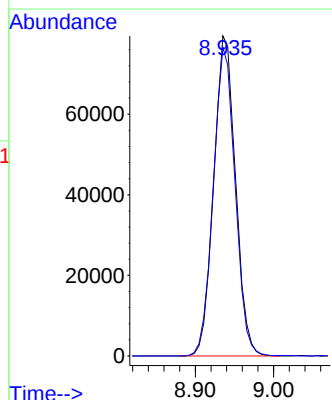
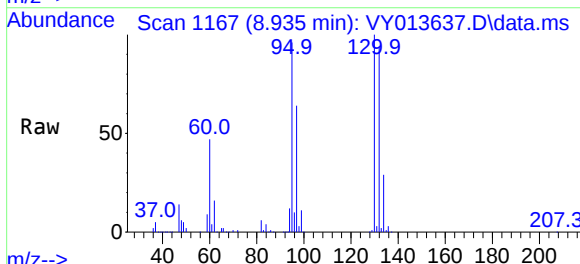
Acq: 05 May 2023 19:48

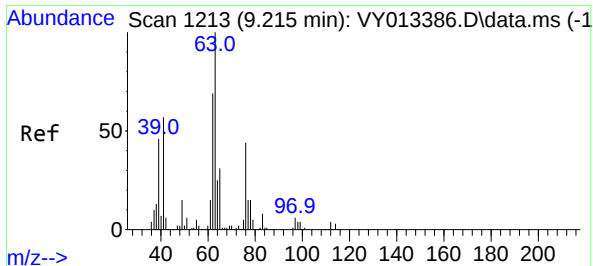
Tgt Ion:130 Resp: 153057

Ion Ratio Lower Upper

130 100

95 96.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 52.118 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

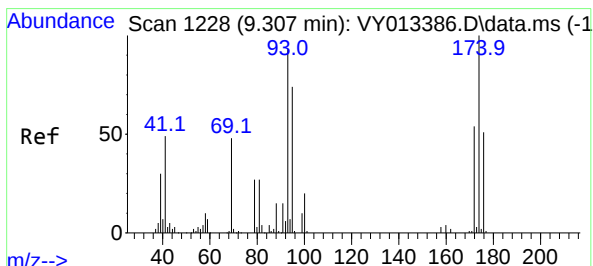
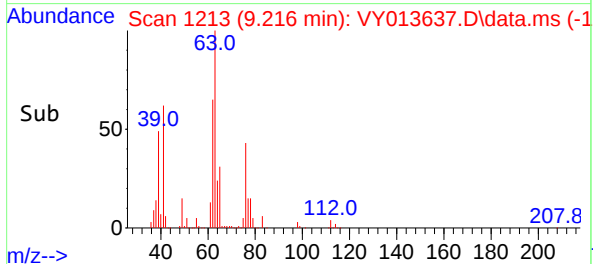
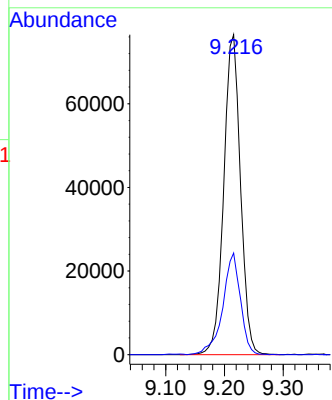
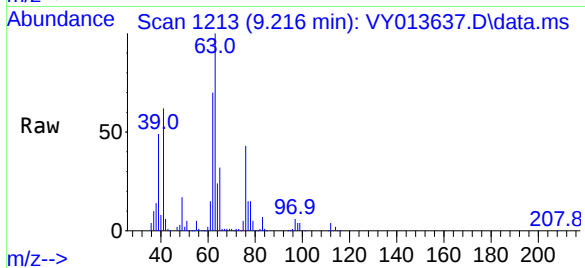
VSTDCCC050EC

Tgt Ion: 63 Resp: 151365

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 53.686 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

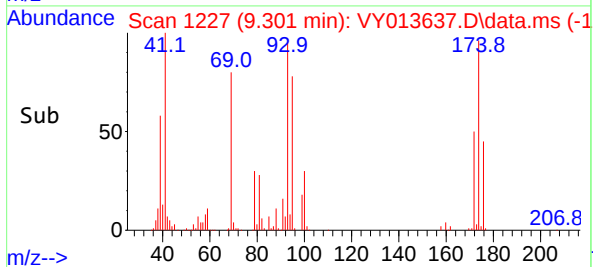
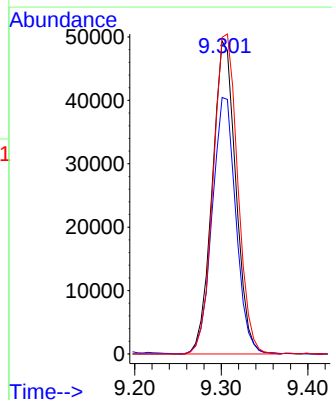
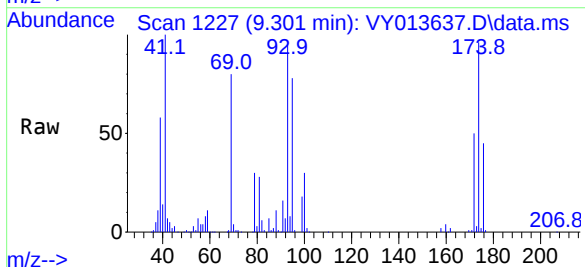
Tgt Ion: 93 Resp: 93292

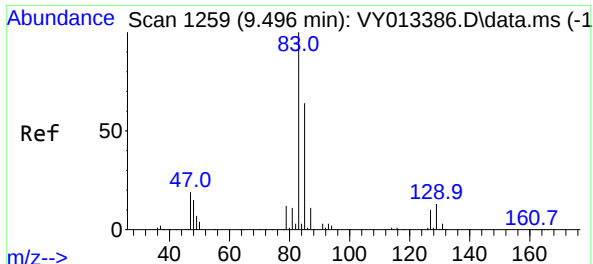
Ion Ratio Lower Upper

93 100

95 82.4 67.1 100.7

174 106.0 87.0 130.4

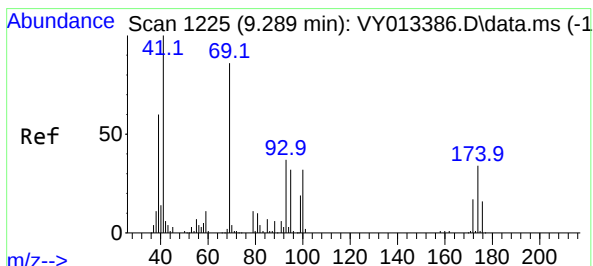
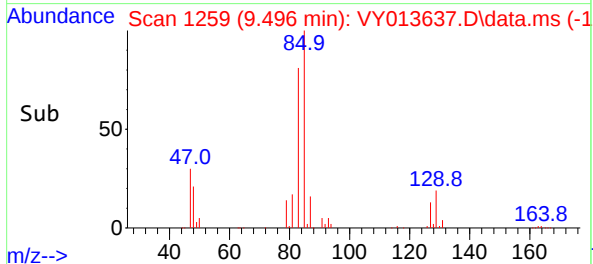
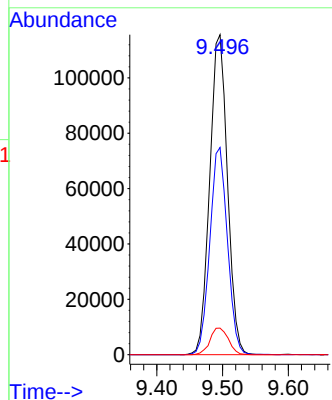
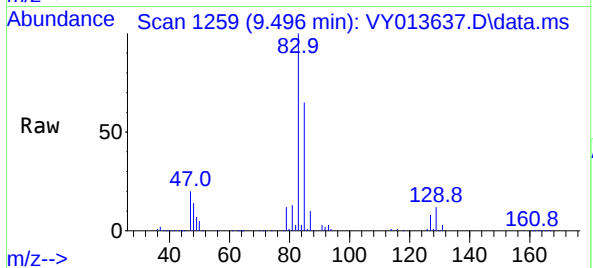




#47
Bromodichloromethane
Concen: 55.779 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

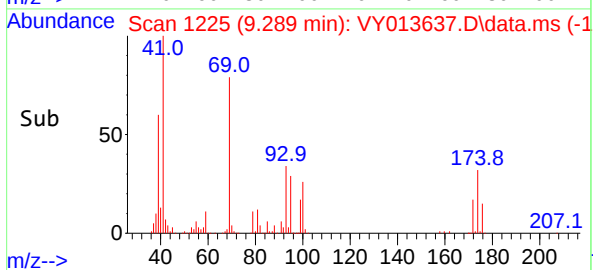
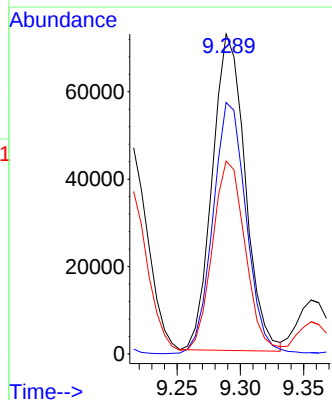
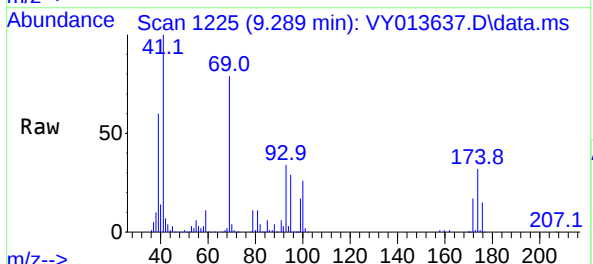
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

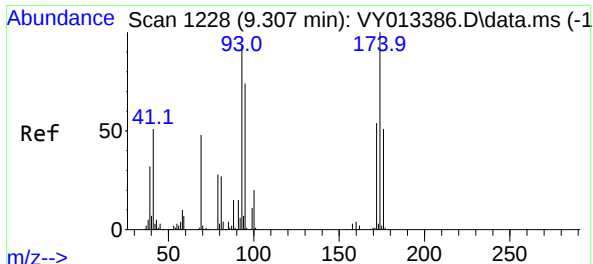
Tgt Ion: 83 Resp: 216892
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.3 8.1 12.1



#48
Methyl methacrylate
Concen: 56.728 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 41 Resp: 130494
Ion Ratio Lower Upper
41 100
69 80.6 70.2 105.4
39 61.6 47.9 71.9

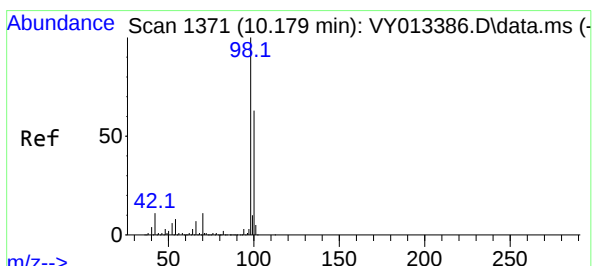
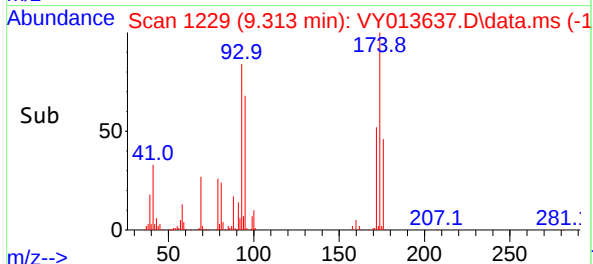
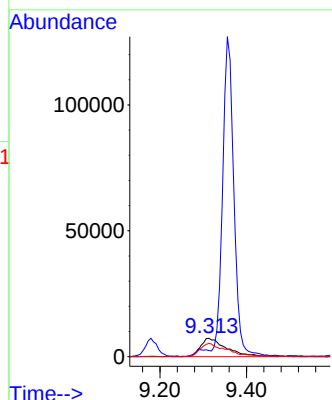
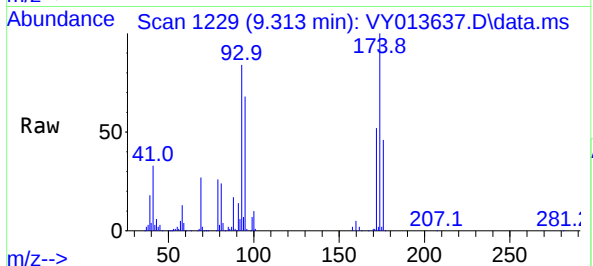




#49
1,4-Dioxane
Concen: 1223.124 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

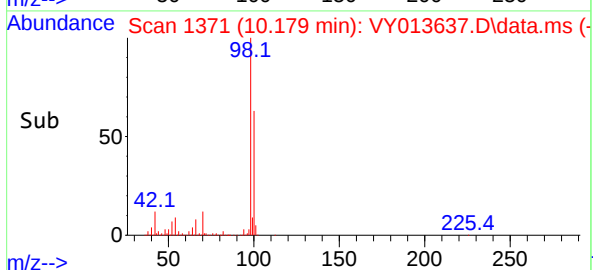
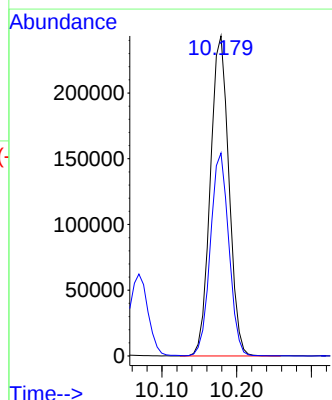
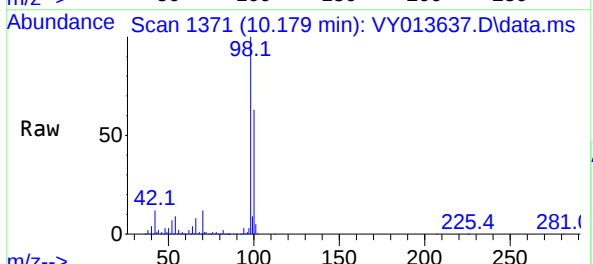
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

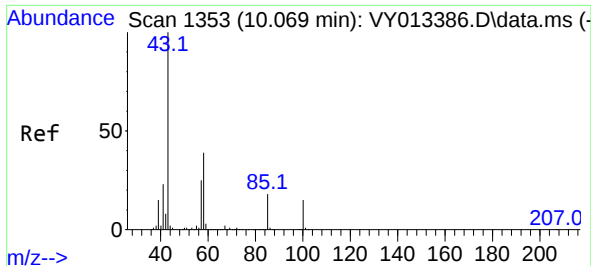
Tgt Ion: 88 Resp: 30356
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 74.6 54.3 81.5



#50
Toluene-d8
Concen: 49.595 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 98 Resp: 419190
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

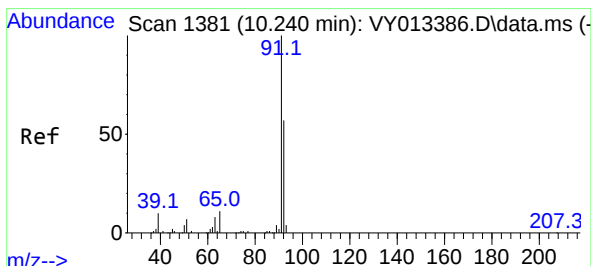
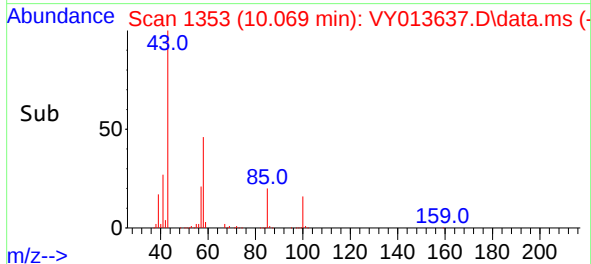
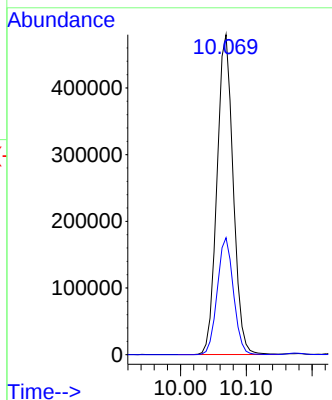
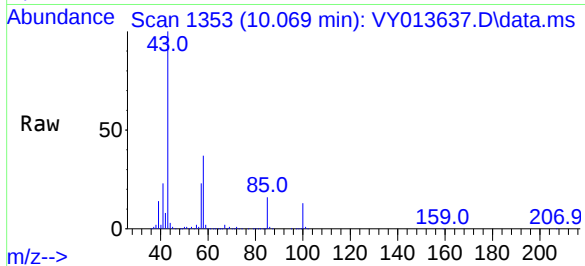




#51
4-Methyl-2-Pentanone
Concen: 294.704 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

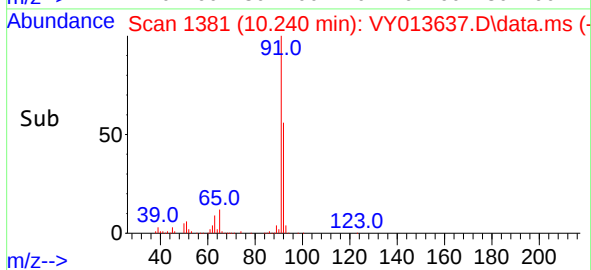
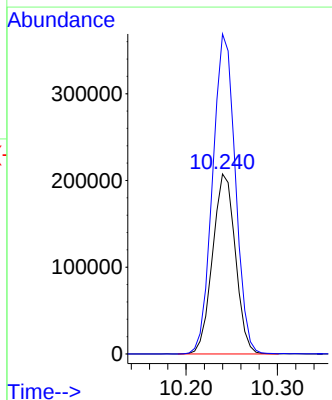
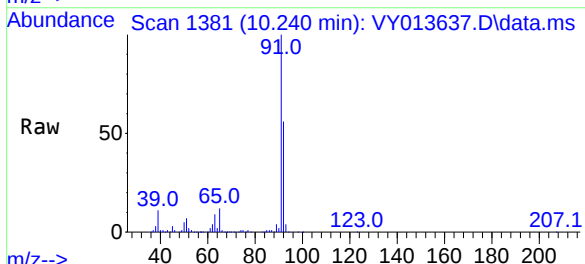
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

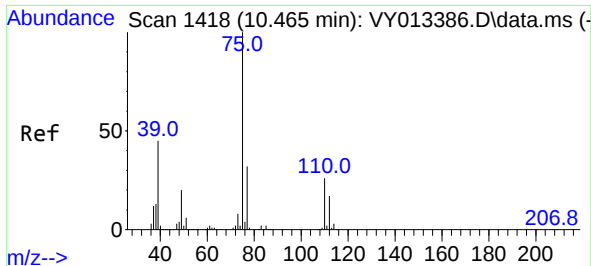
Tgt Ion: 43 Resp: 822544
Ion Ratio Lower Upper
43 100
58 36.5 30.6 46.0



#52
Toluene
Concen: 53.790 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 92 Resp: 359548
Ion Ratio Lower Upper
92 100
91 177.3 140.2 210.4

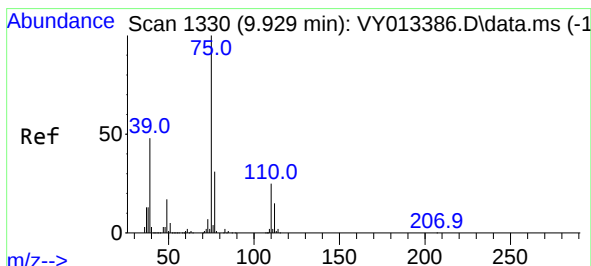
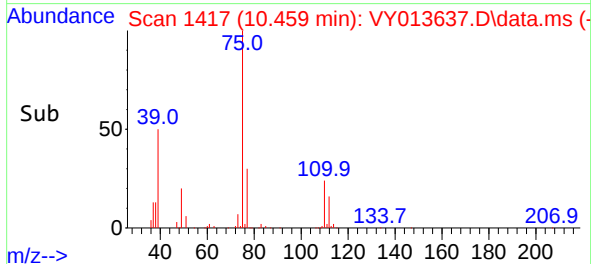
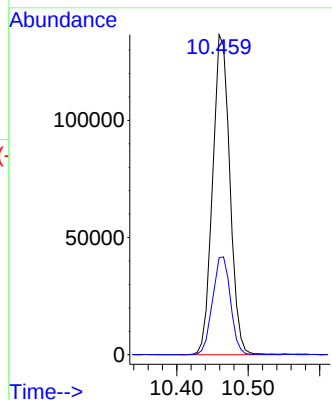
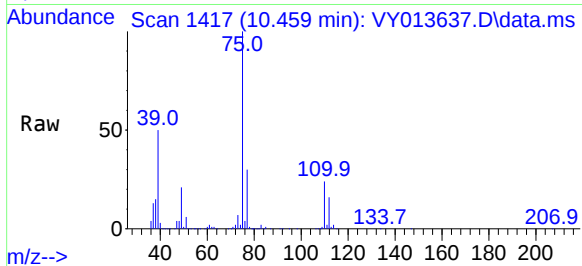




#53
t-1,3-Dichloropropene
Concen: 55.590 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

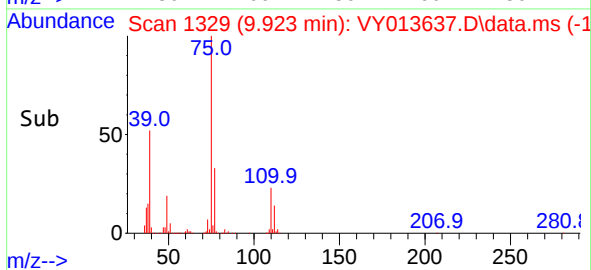
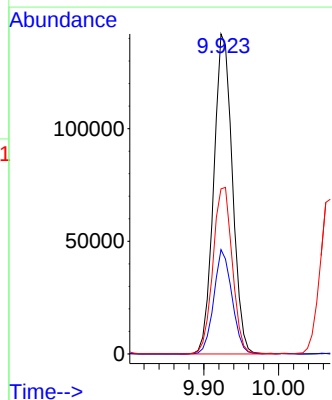
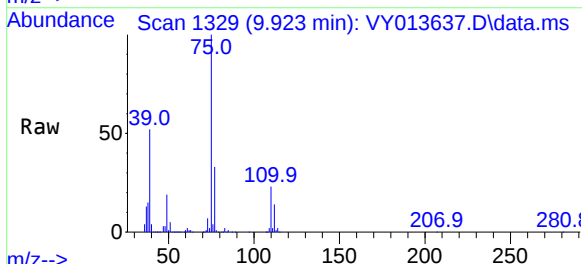
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

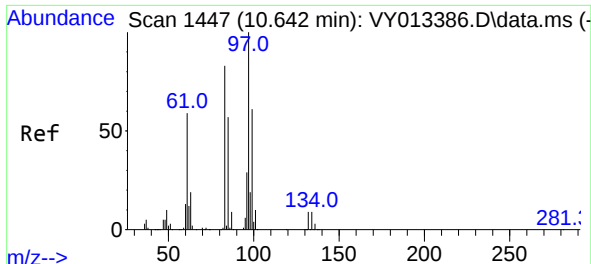
Tgt Ion: 75 Resp: 228765
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.214 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 75 Resp: 246411
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 51.5 38.1 57.1



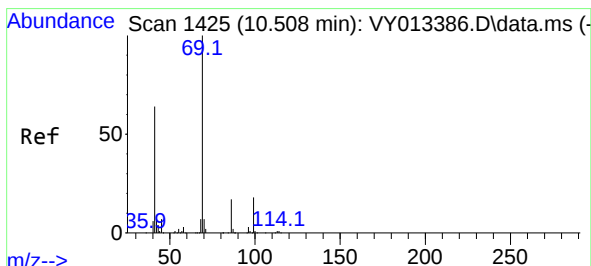
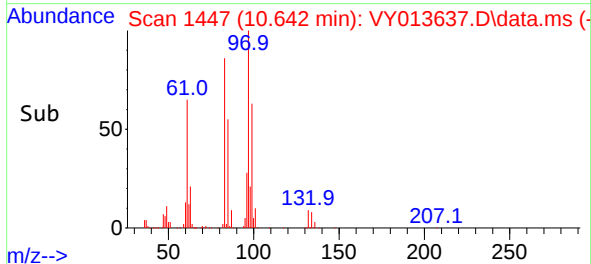
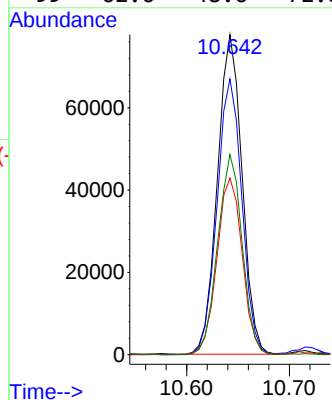
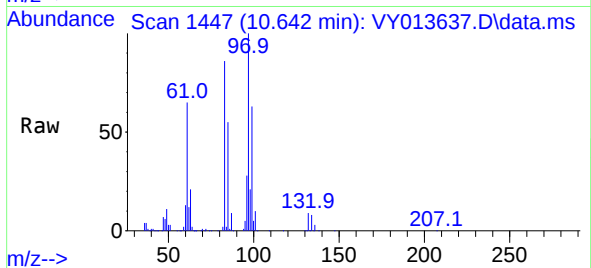


#55
1,1,2-Trichloroethane
Concen: 56.144 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 129201

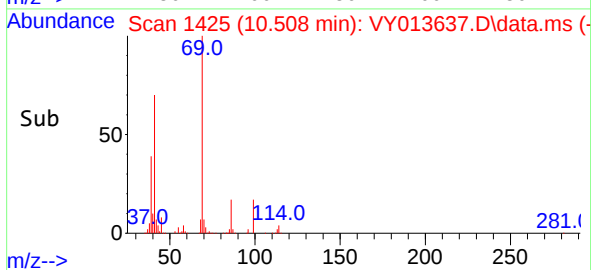
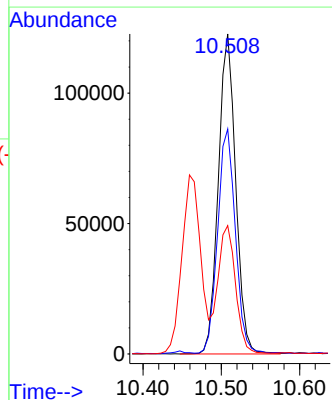
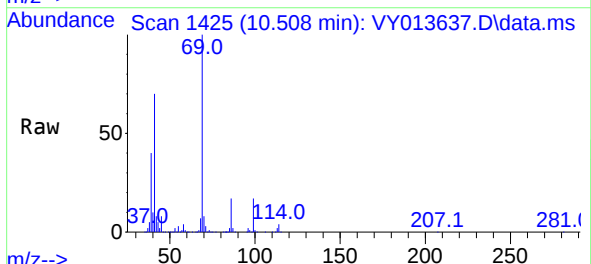
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.4	99.6
85	55.2	45.6	68.4
99	62.6	48.6	72.8

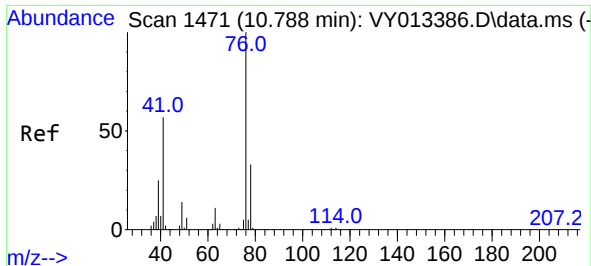


#56
Ethyl methacrylate
Concen: 59.309 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 69 Resp: 189354

Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.4	77.0
39	40.7	29.0	43.6





#57

1,3-Dichloropropane

Concen: 55.797 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

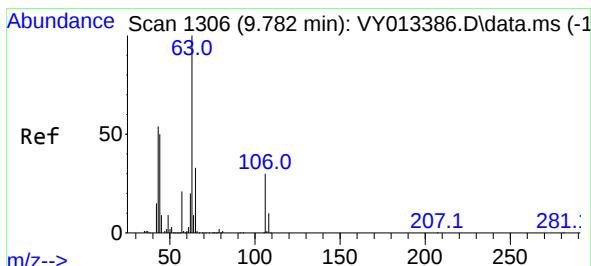
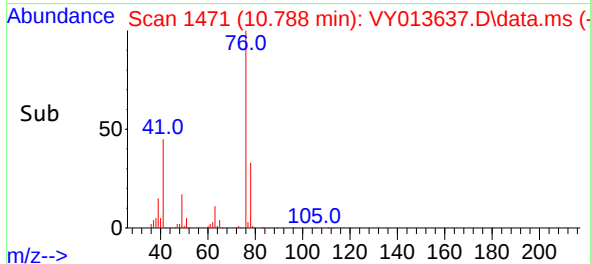
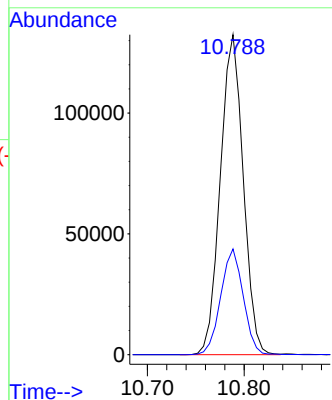
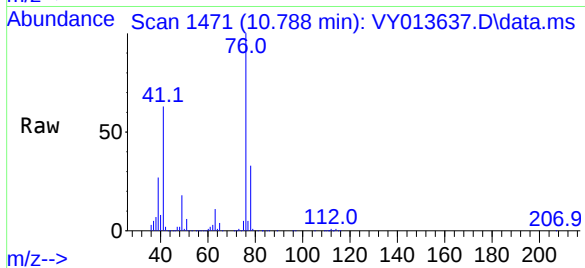
VSTDCCC050EC

Tgt Ion: 76 Resp: 217465

Ion Ratio Lower Upper

76 100

78 32.5 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 288.834 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013637.D

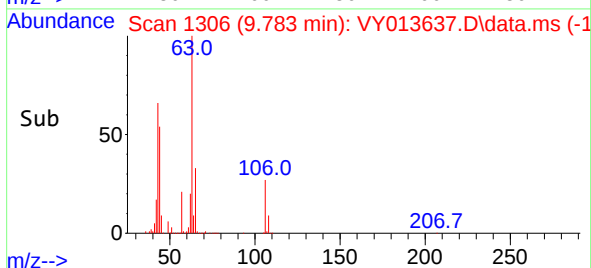
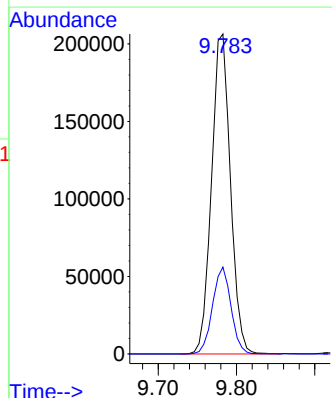
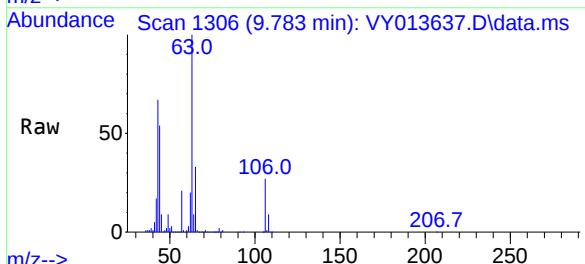
Acq: 05 May 2023 19:48

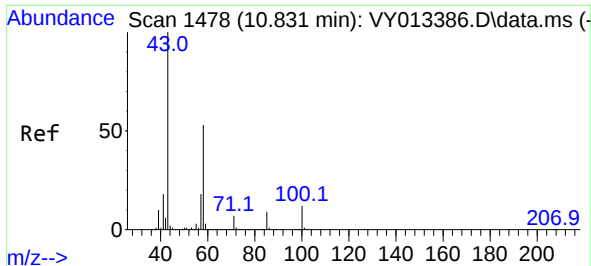
Tgt Ion: 63 Resp: 345791

Ion Ratio Lower Upper

63 100

106 26.5 23.5 35.3

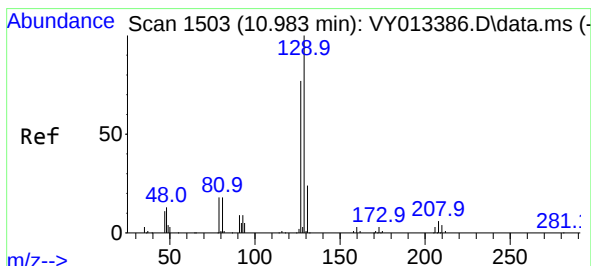
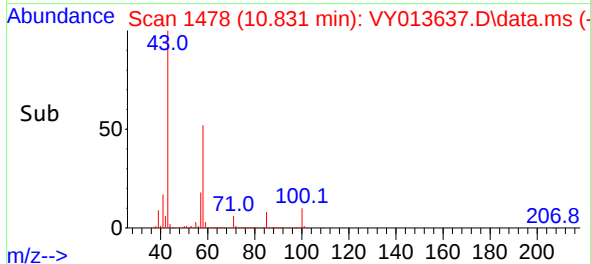
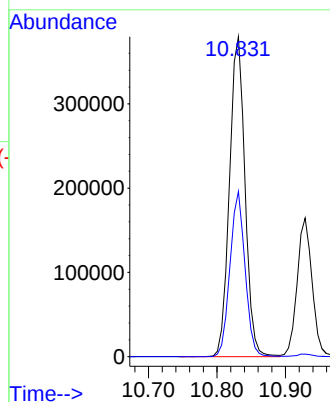
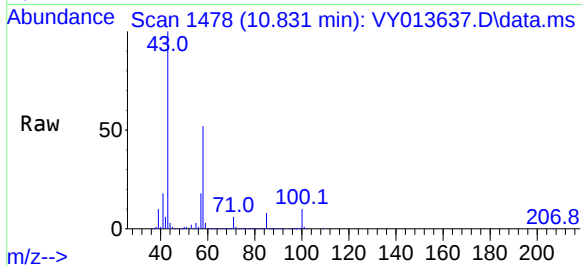




#59
2-Hexanone
Concen: 293.619 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

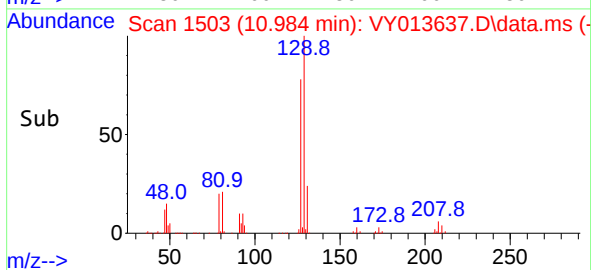
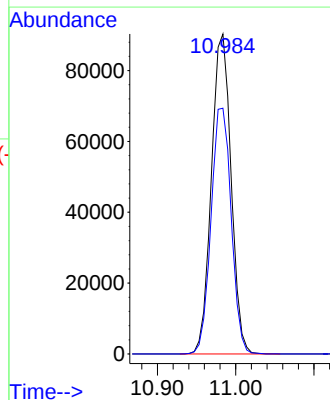
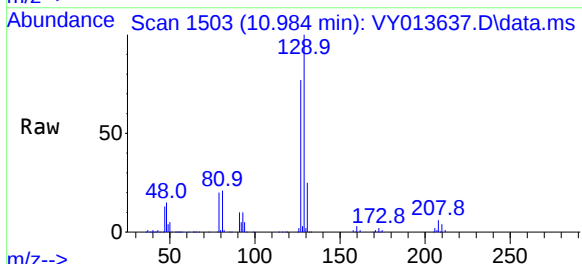
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

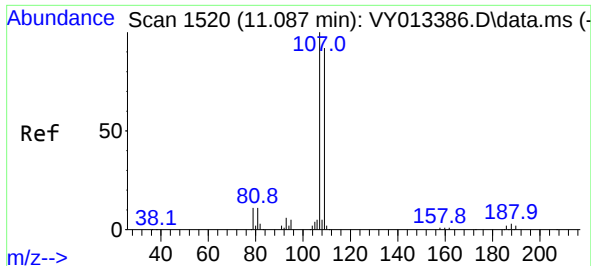
Tgt Ion: 43 Resp: 595722
Ion Ratio Lower Upper
43 100
58 50.2 26.3 78.8



#60
Dibromochloromethane
Concen: 56.303 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 129 Resp: 157324
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

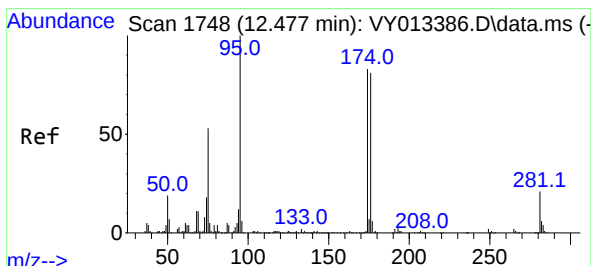
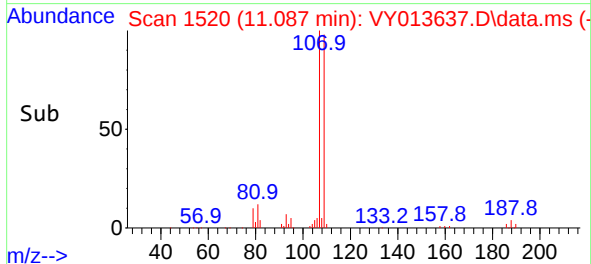
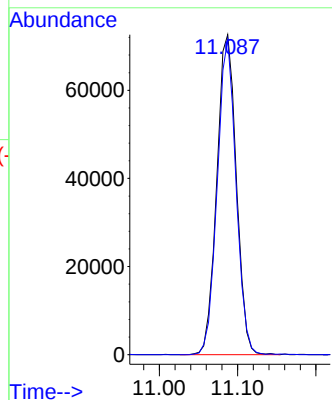
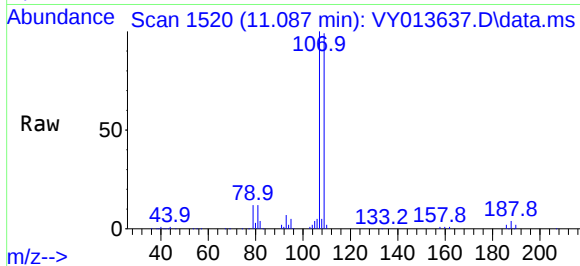




#61
1,2-Dibromoethane
Concen: 55.597 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

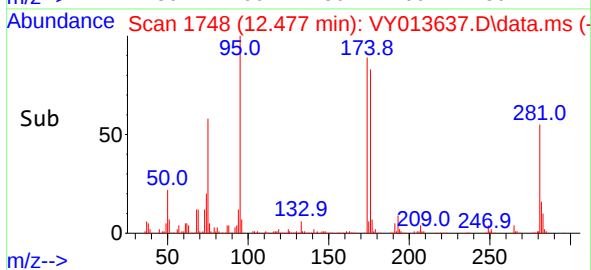
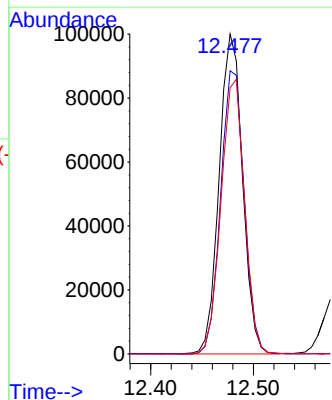
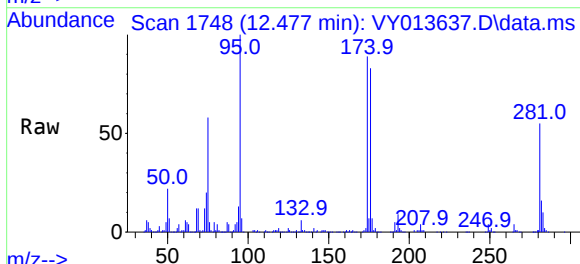
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

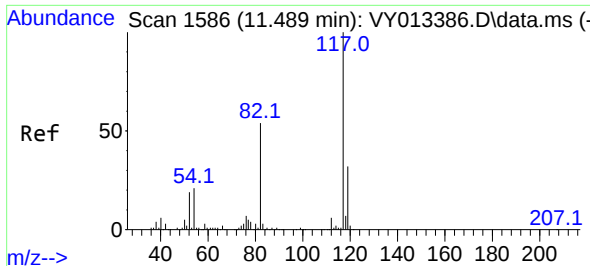
Tgt Ion:107 Resp: 125788
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 95 Resp: 157773
Ion Ratio Lower Upper
95 100
174 89.3 0.0 182.0
176 86.4 0.0 175.4

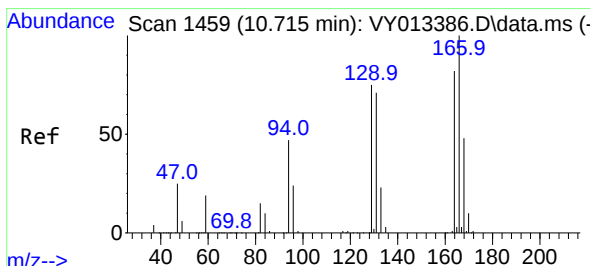
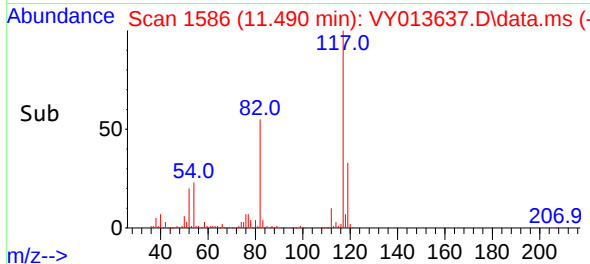
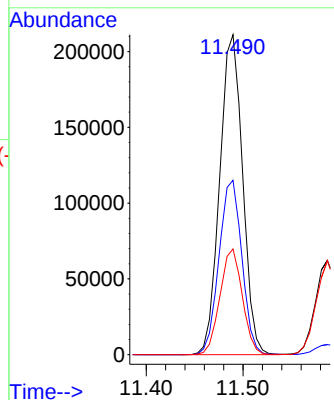
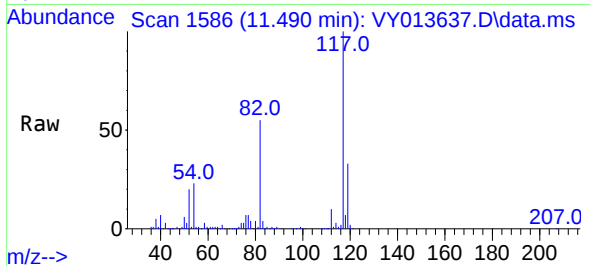




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

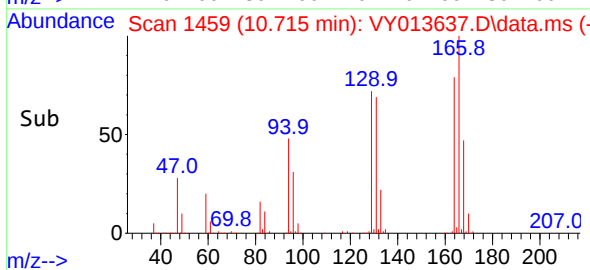
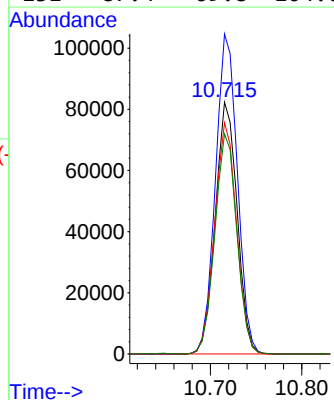
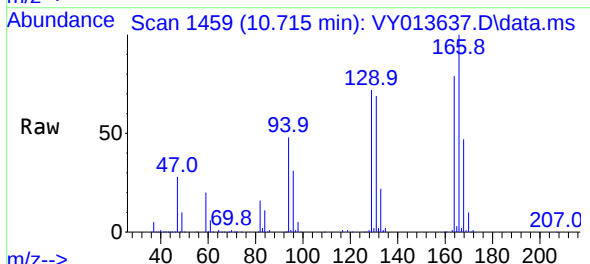
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

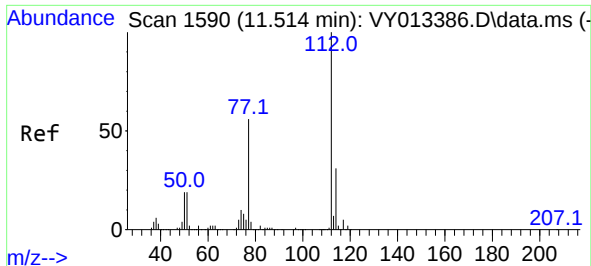
Tgt Ion:	117	Resp:	347168
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.6
119	33.0	25.5	38.3



#64
Tetrachloroethene
Concen: 51.864 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:	164	Resp:	136914
Ion	Ratio	Lower	Upper
164	100		
166	127.1	97.5	146.3
129	91.8	72.6	109.0
131	87.4	69.8	104.6

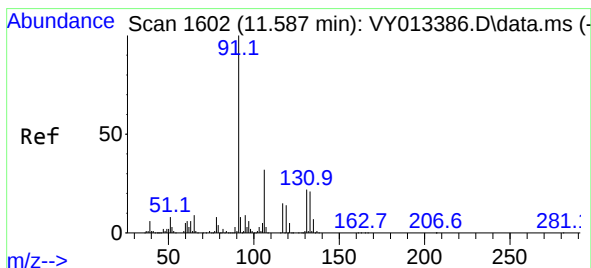
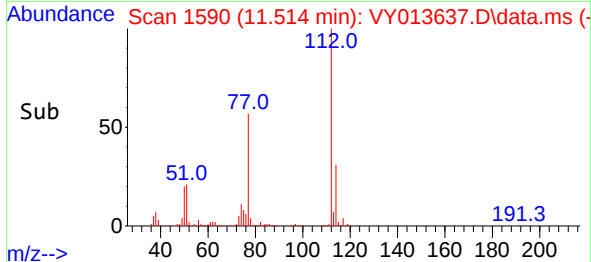
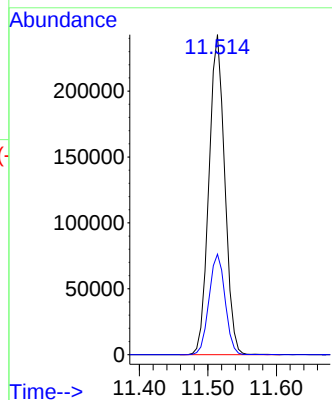
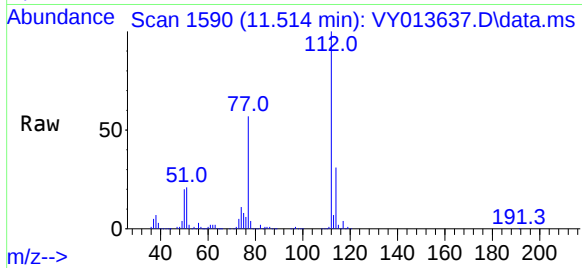




#65
Chlorobenzene
Concen: 51.638 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

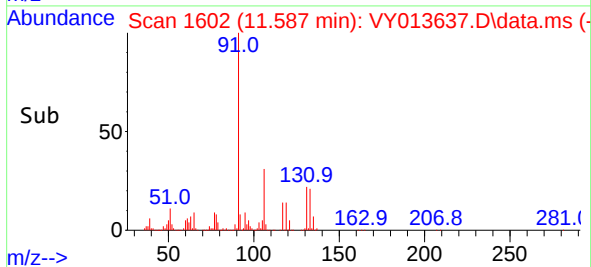
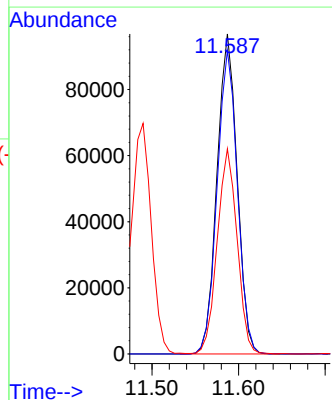
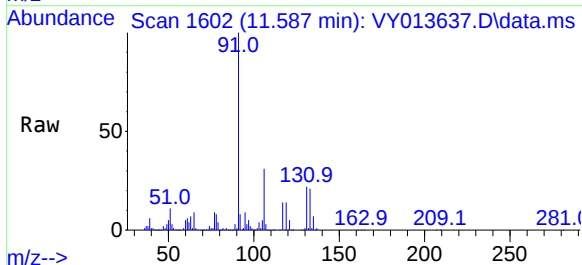
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

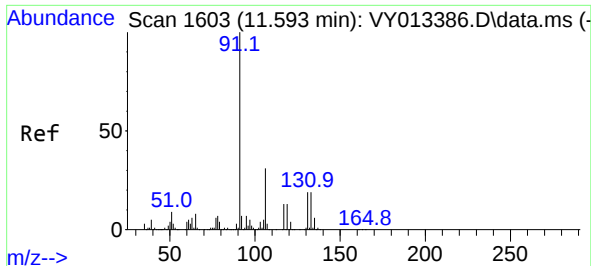
Tgt Ion:112 Resp: 390523
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.168 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:131 Resp: 156038
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 63.5 32.6 98.0





#67

Ethyl Benzene

Concen: 52.706 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

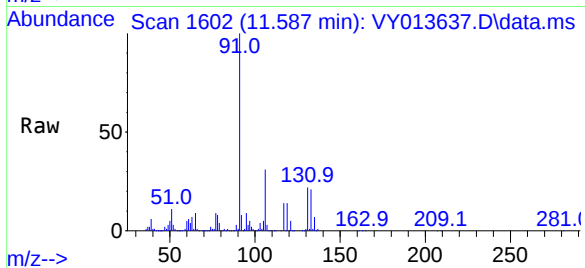
VSTDCCC050EC

Tgt Ion: 91 Resp: 699941

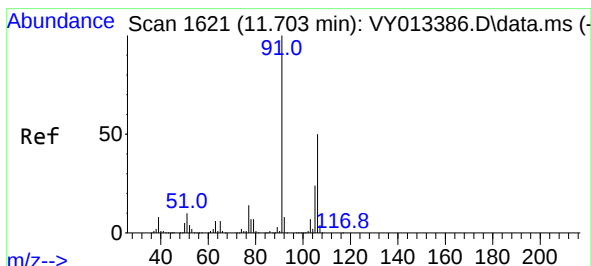
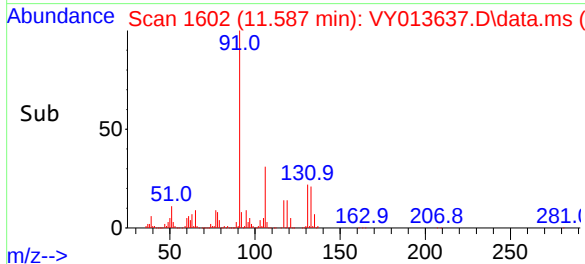
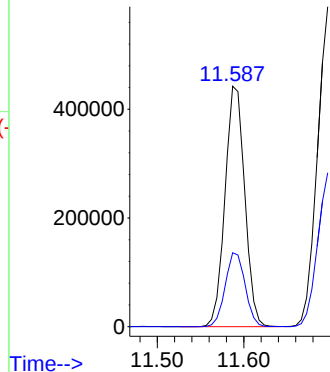
Ion Ratio Lower Upper

91 100

106 30.7 25.1 37.7



Abundance



#68

m/p-Xylenes

Concen: 104.928 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013637.D

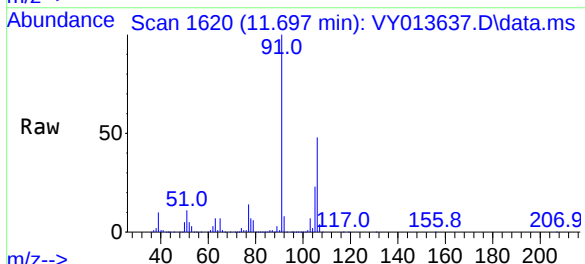
Acq: 05 May 2023 19:48

Tgt Ion:106 Resp: 529723

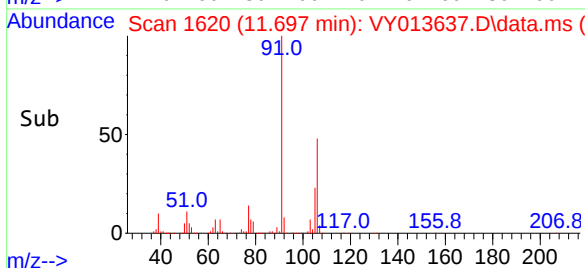
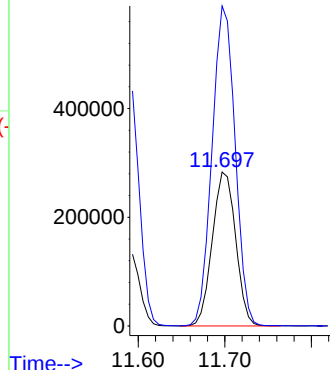
Ion Ratio Lower Upper

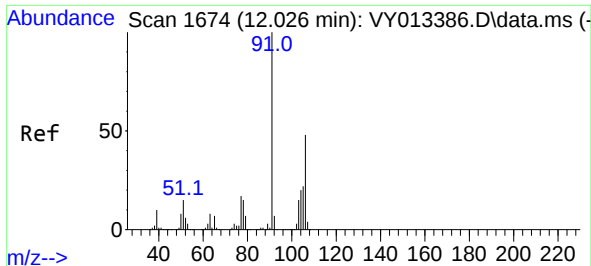
106 100

91 205.8 160.9 241.3



Abundance

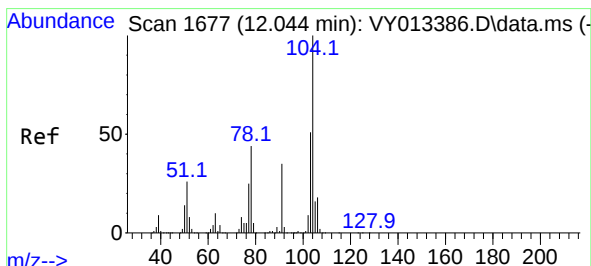
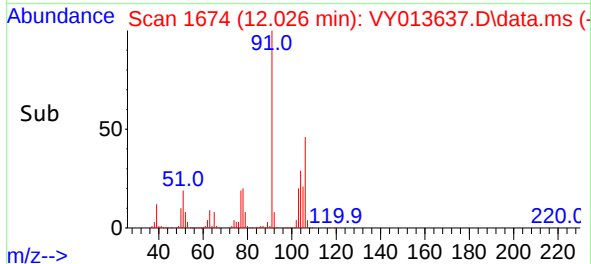
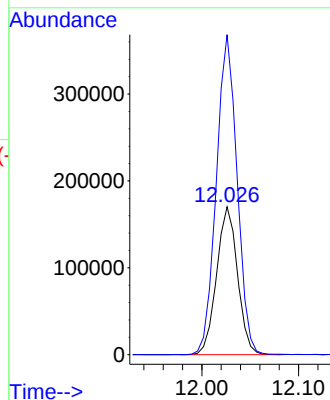
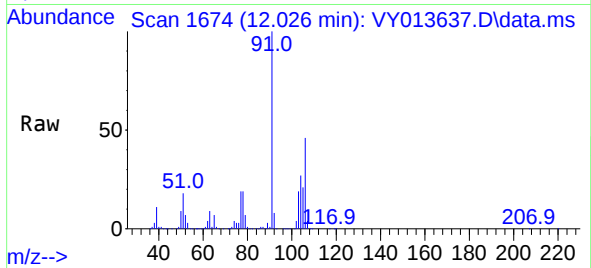




#69
o-Xylene
Concen: 53.459 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

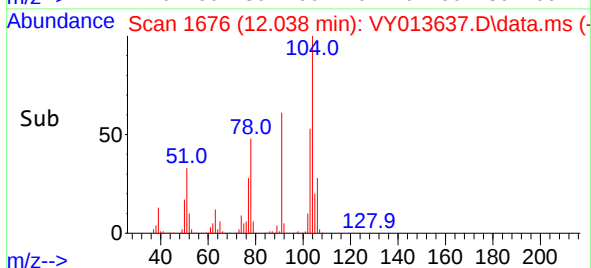
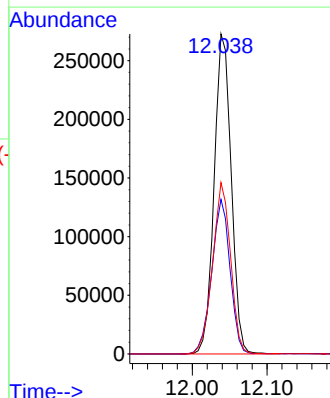
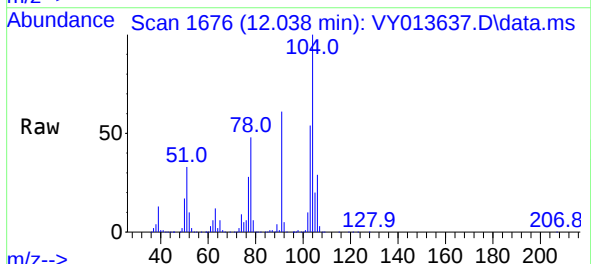
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

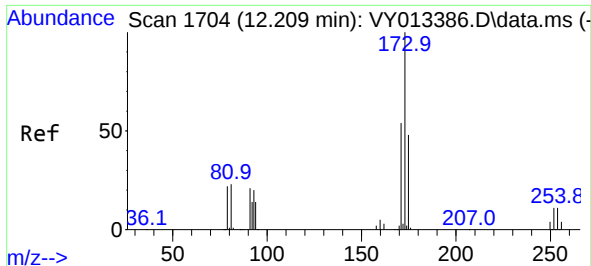
Tgt Ion:106 Resp: 255242
Ion Ratio Lower Upper
106 100
91 215.1 105.5 316.4



#70
Styrene
Concen: 54.452 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:104 Resp: 434703
Ion Ratio Lower Upper
104 100
78 51.7 40.3 60.5
103 56.4 45.0 67.4

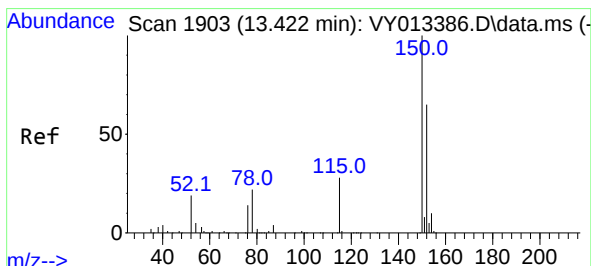
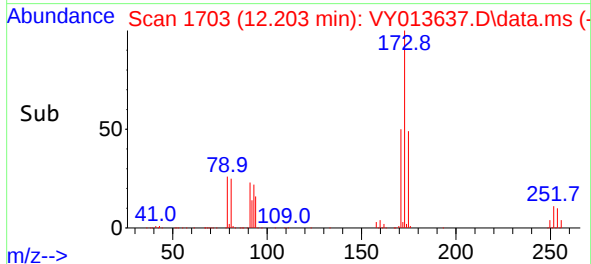
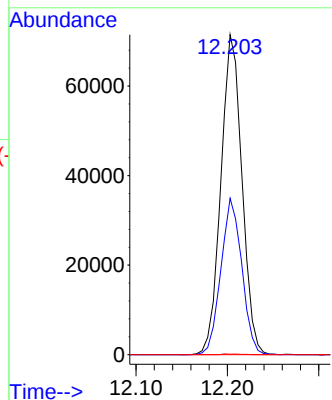
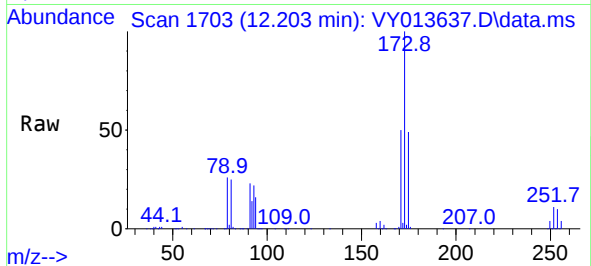




#71
Bromoform
Concen: 57.873 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

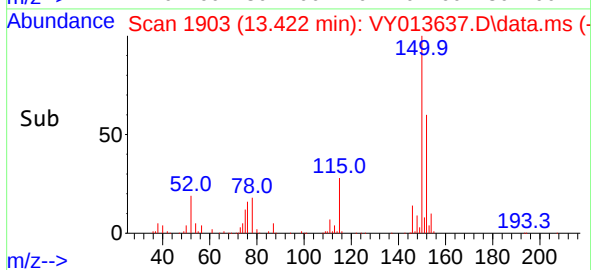
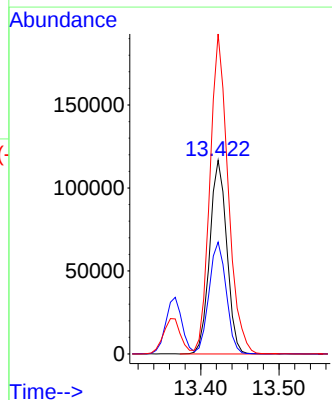
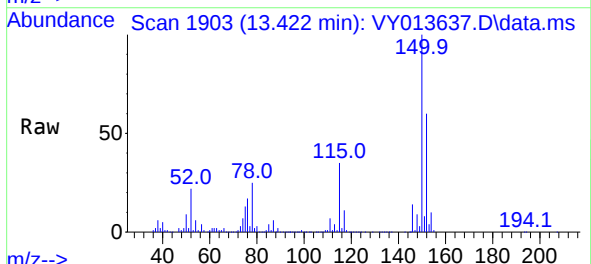
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

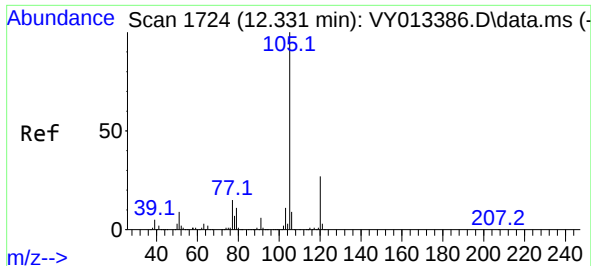
Tgt Ion:173 Resp: 114655
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:152 Resp: 176111
Ion Ratio Lower Upper
152 100
115 58.0 28.1 84.2
150 176.5 0.0 352.0

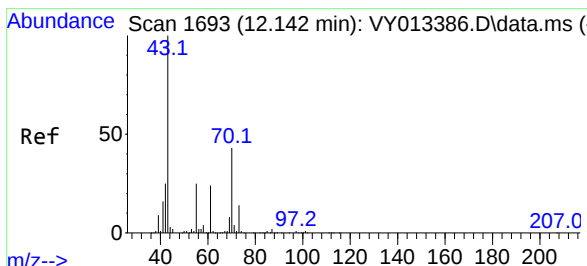
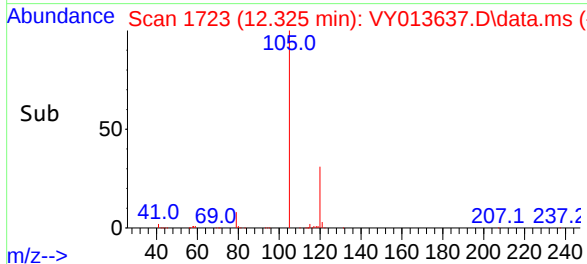
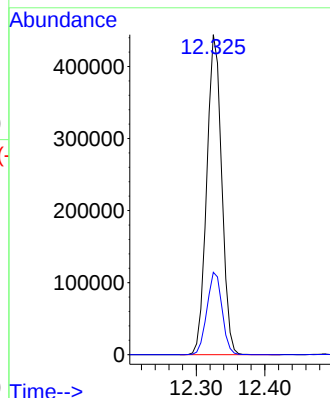
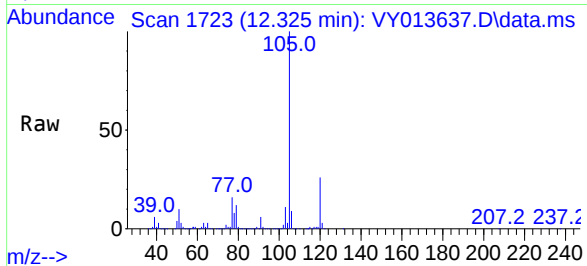




#73
Isopropylbenzene
Concen: 50.515 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

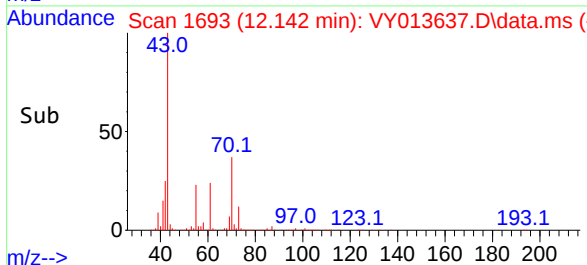
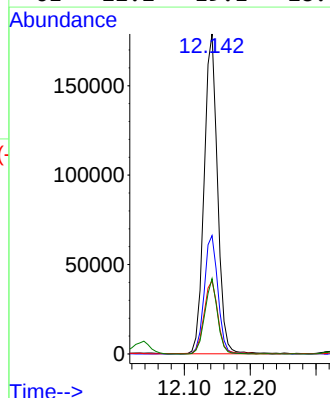
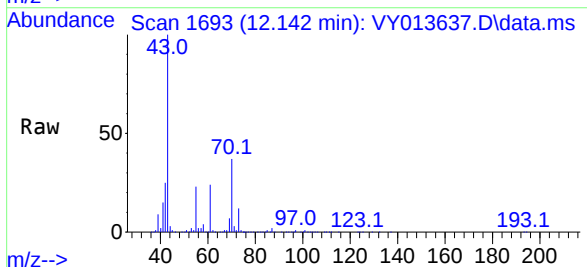
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

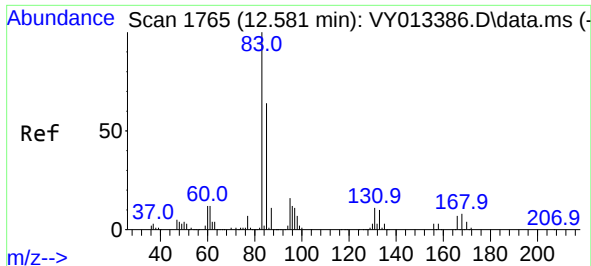
Tgt Ion:105 Resp: 672878
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.0



#74
N-ethyl acetate
Concen: 53.373 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 43 Resp: 252998
Ion Ratio Lower Upper
43 100
70 37.7 33.0 49.4
55 23.8 19.8 29.6
61 22.2 19.1 28.7

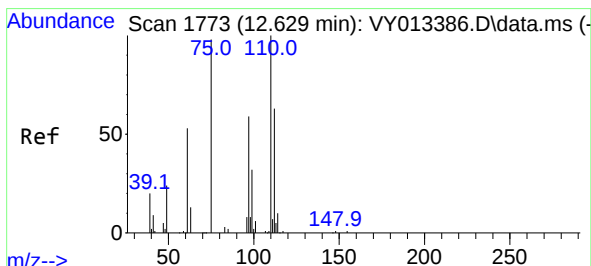
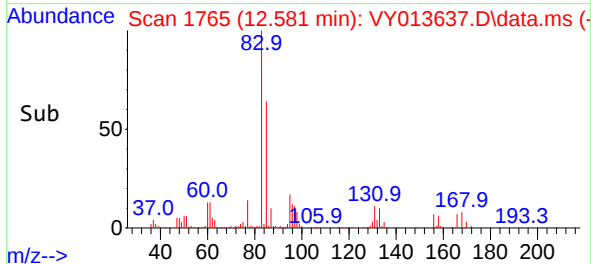
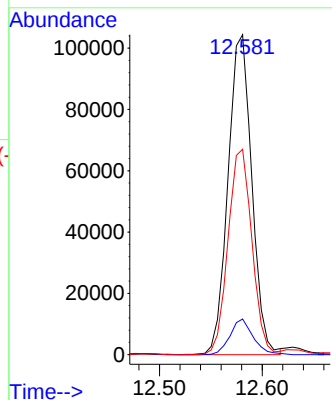
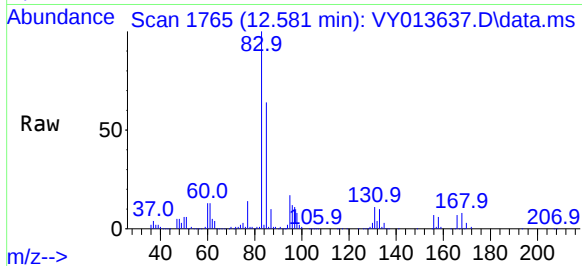




#75
1,1,2,2-Tetrachloroethane
Concen: 51.588 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

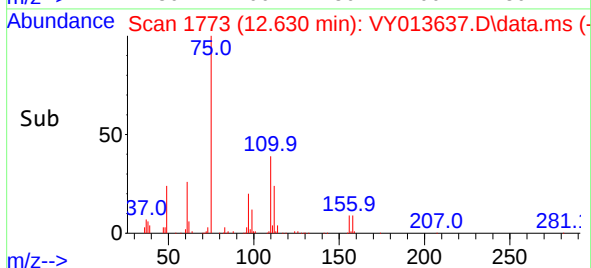
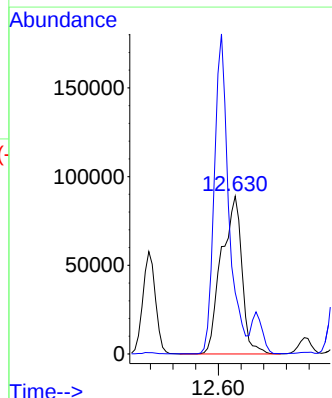
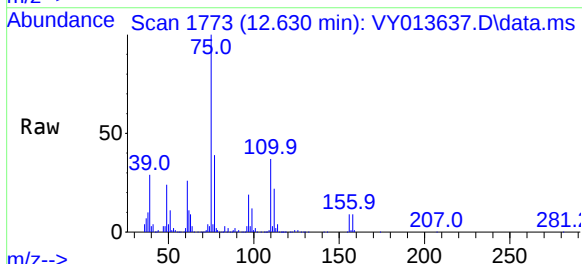
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

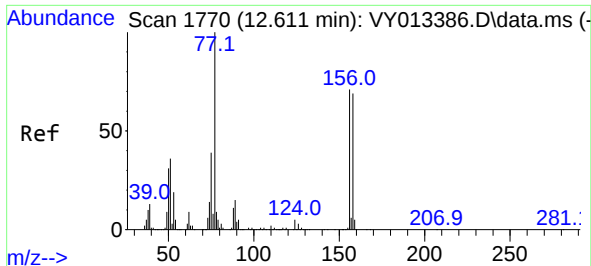
Tgt Ion: 83 Resp: 167962
Ion Ratio Lower Upper
83 100
131 10.9 5.7 17.0
85 64.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 93.828 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 75 Resp: 222849
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

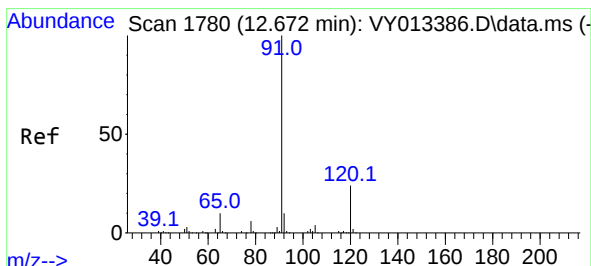
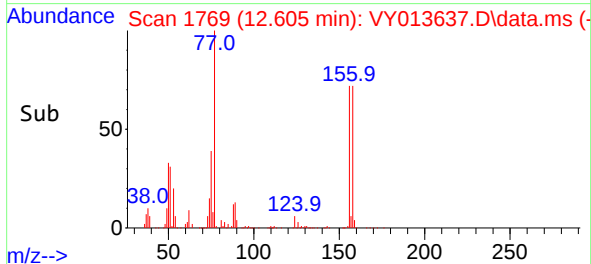
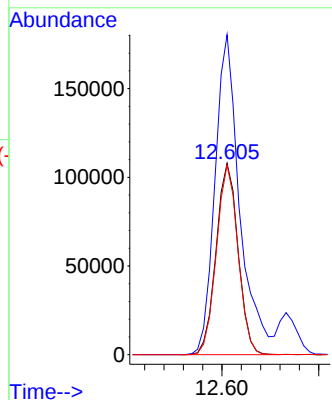
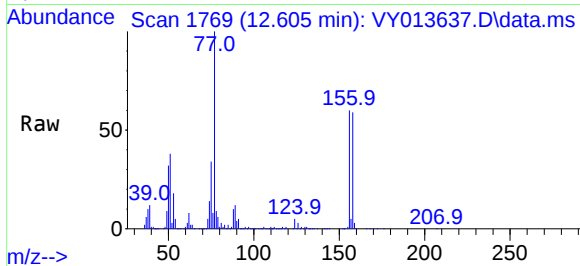




#77
Bromobenzene
Concen: 52.706 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

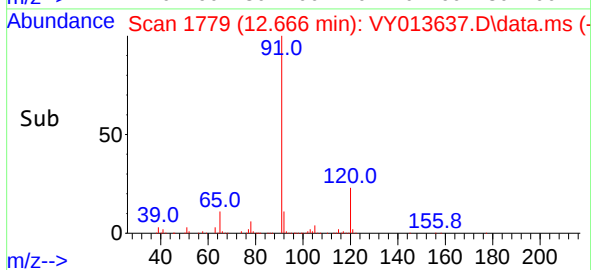
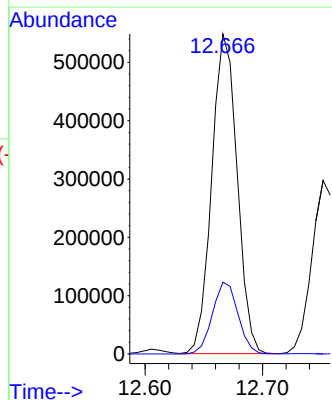
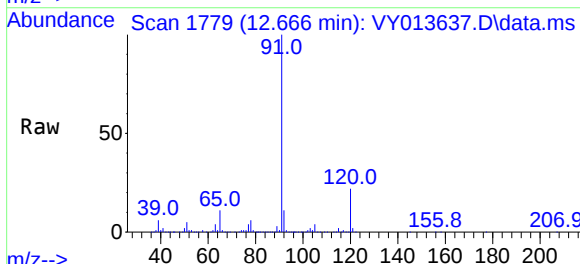
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

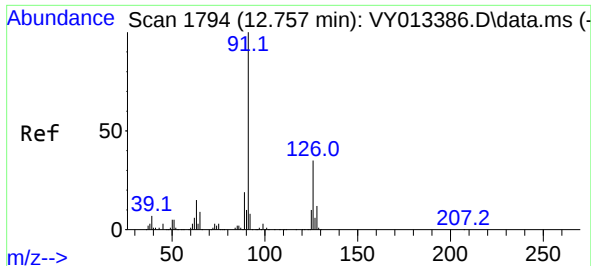
Tgt Ion:156 Resp: 170112
Ion Ratio Lower Upper
156 100
77 186.6 87.6 262.9
158 97.0 48.5 145.5



#78
n-propylbenzene
Concen: 50.152 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 91 Resp: 822857
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 50.885 ug/l

RT: 12.752 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY013637.D

Acq: 05 May 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

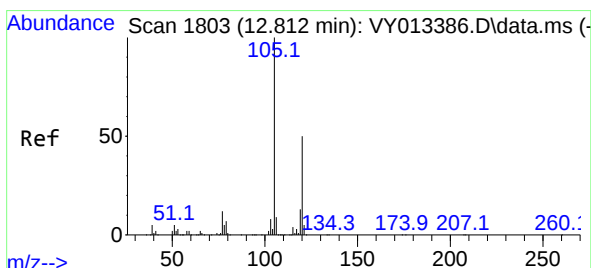
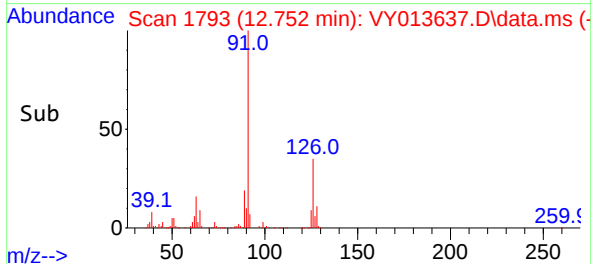
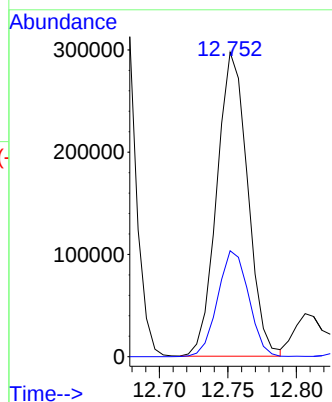
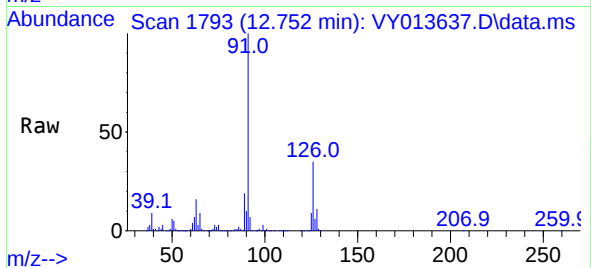
VSTDCCC050EC

Tgt Ion: 91 Resp: 466219

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 51.510 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013637.D

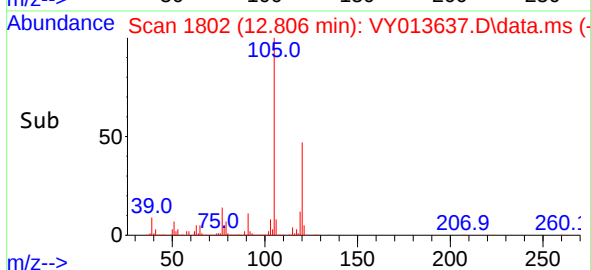
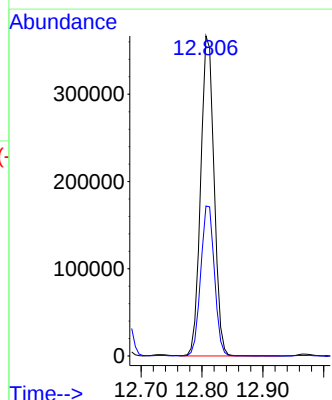
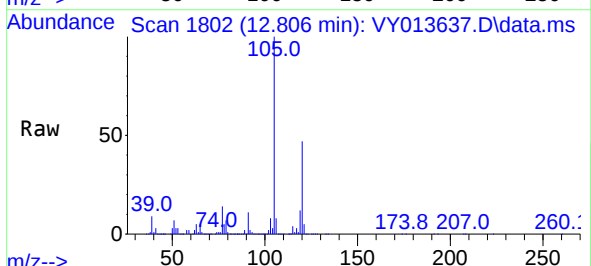
Acq: 05 May 2023 19:48

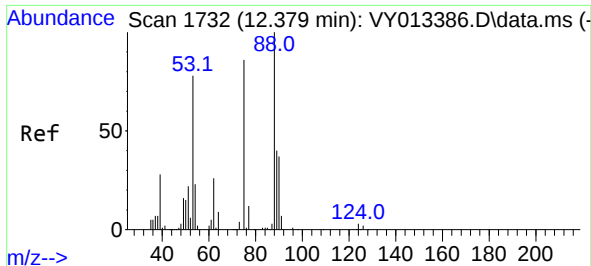
Tgt Ion:105 Resp: 560019

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1

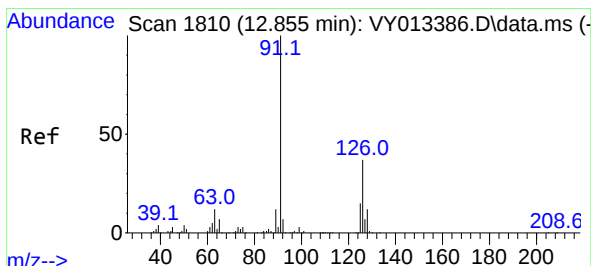
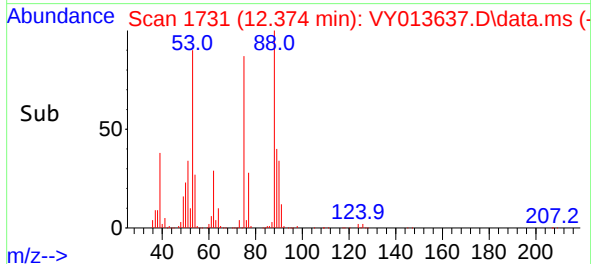
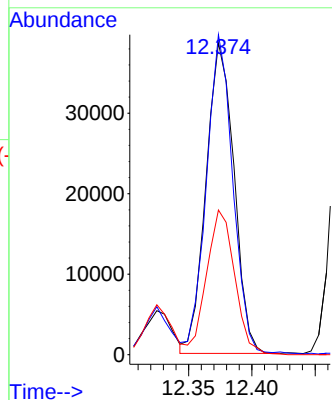
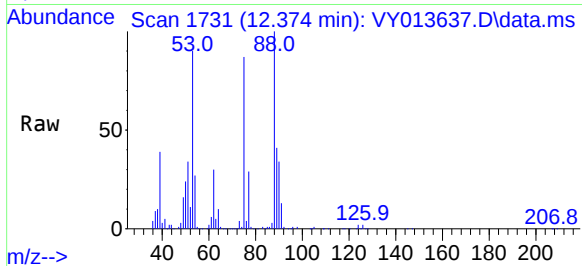




#81
trans-1,4-Dichloro-2-butene
Concen: 51.128 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

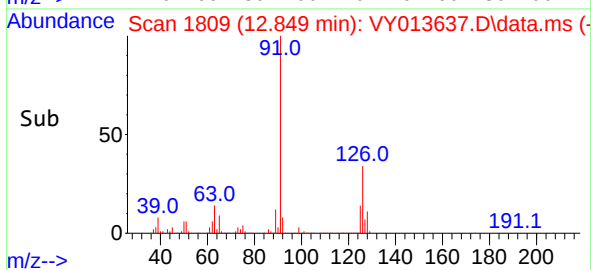
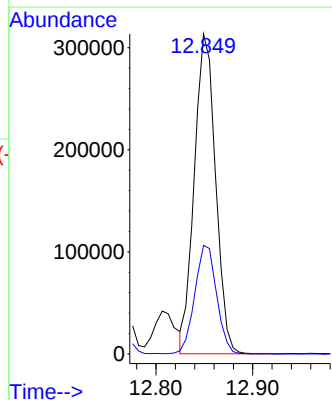
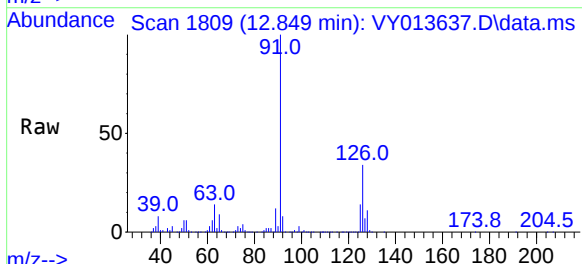
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

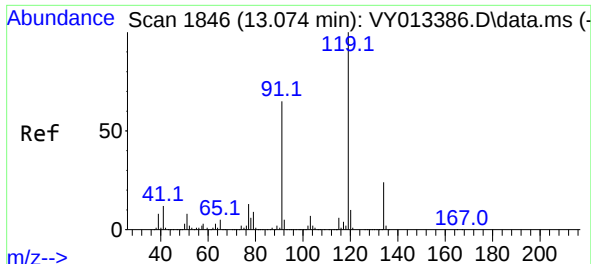
Tgt Ion: 75 Resp: 59364
Ion Ratio Lower Upper
75 100
53 97.8 73.2 109.8
89 46.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.056 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 91 Resp: 478013
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.8

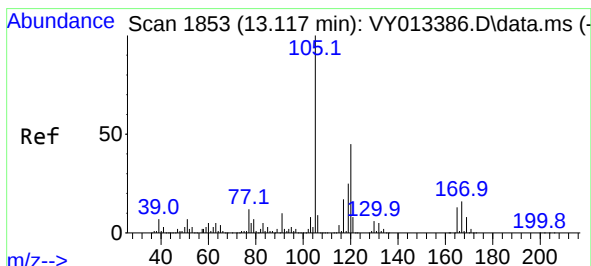
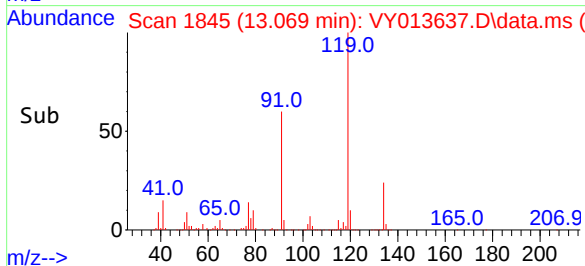
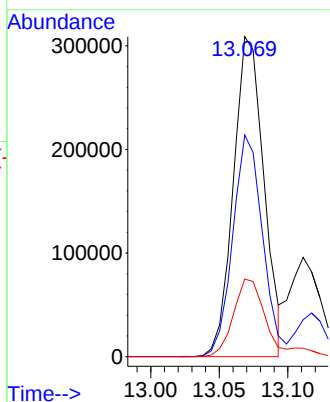
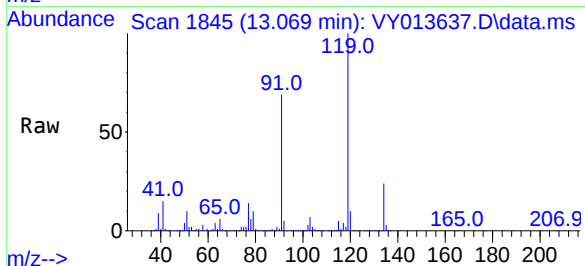




#83
tert-Butylbenzene
Concen: 50.717 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.005 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

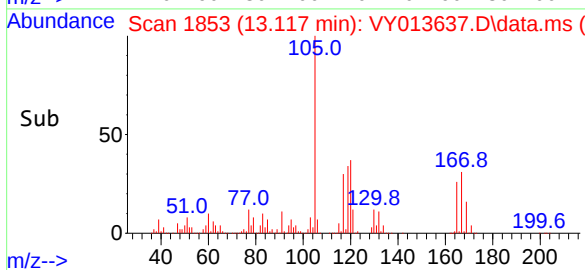
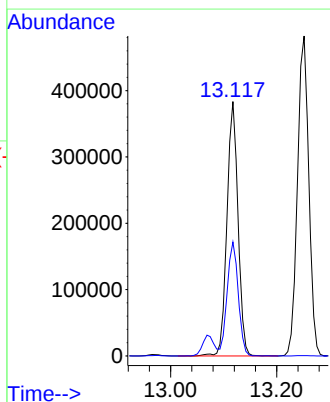
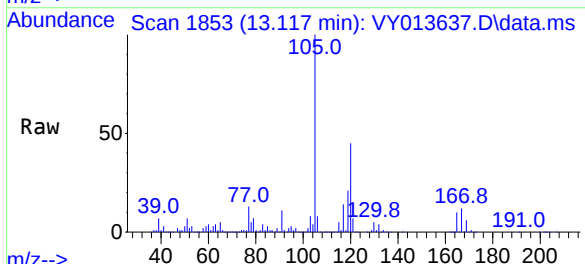
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

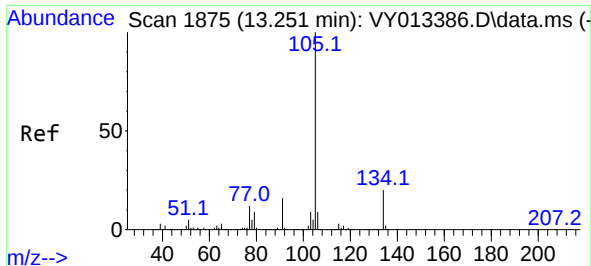
Tgt Ion:119 Resp: 477714
Ion Ratio Lower Upper
119 100
91 67.7 32.2 96.6
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.403 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:105 Resp: 553909
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9

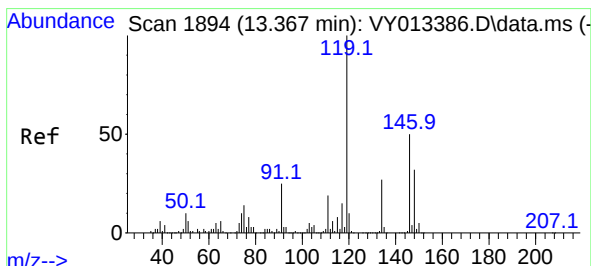
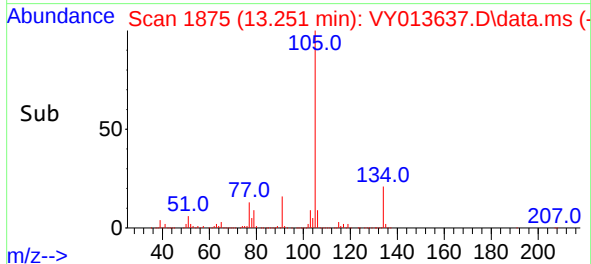
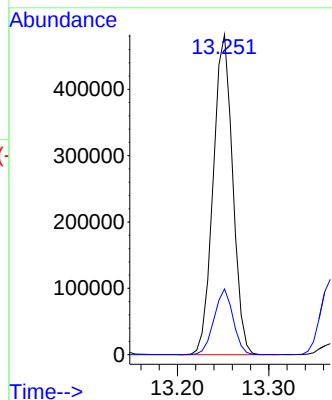
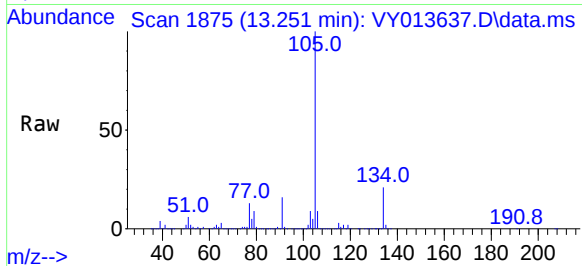




#85
 sec-Butylbenzene
 Concen: 50.440 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013637.D
 Acq: 05 May 2023 19:48

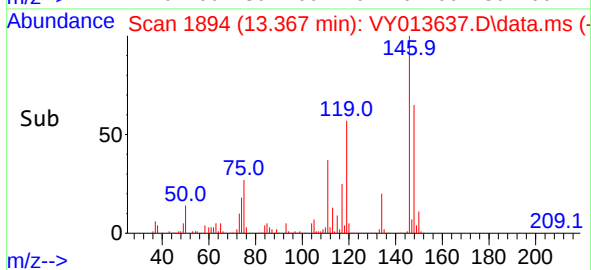
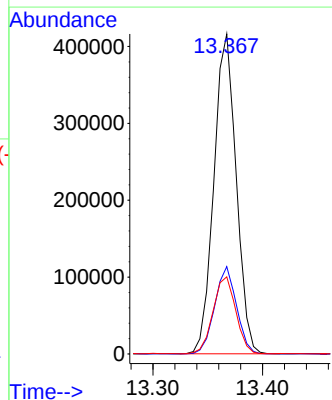
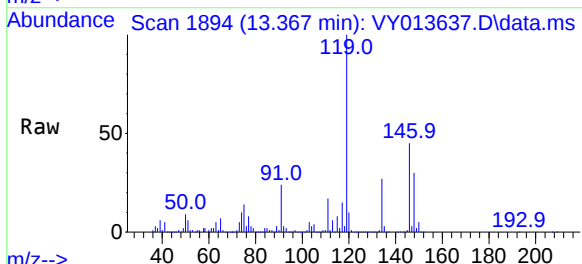
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

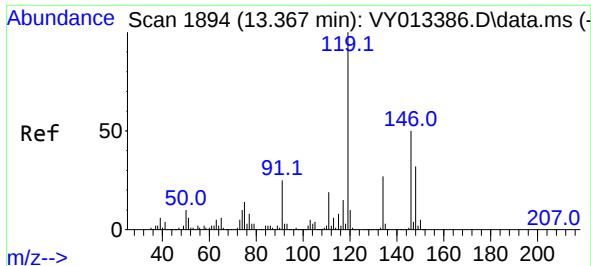
Tgt Ion:105 Resp: 713048
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 51.725 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013637.D
 Acq: 05 May 2023 19:48

Tgt Ion:119 Resp: 588015
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 24.5 12.1 36.3

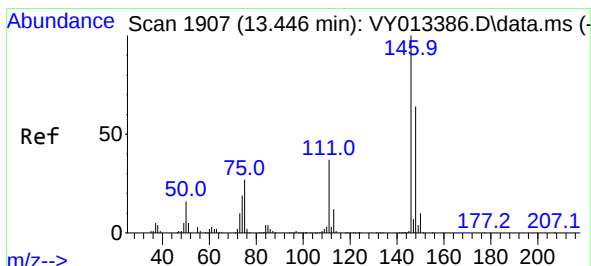
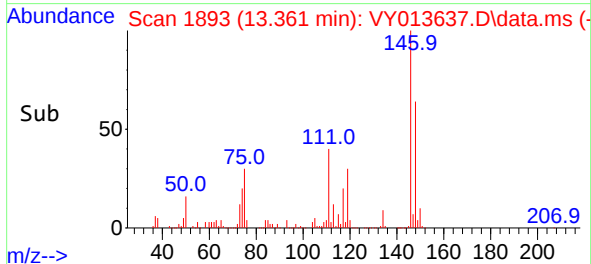
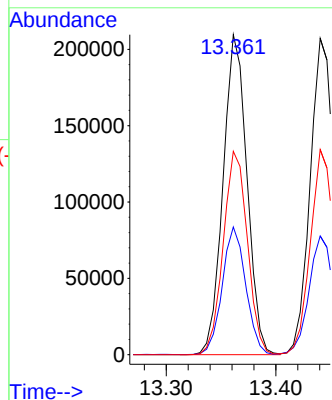
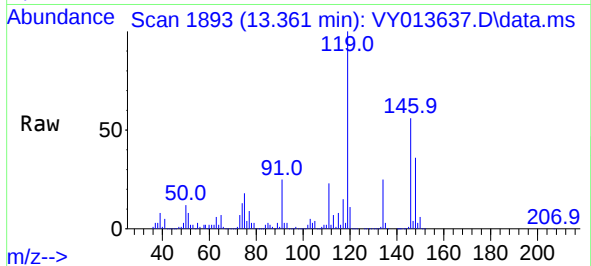




#87
1,3-Dichlorobenzene
Concen: 51.642 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

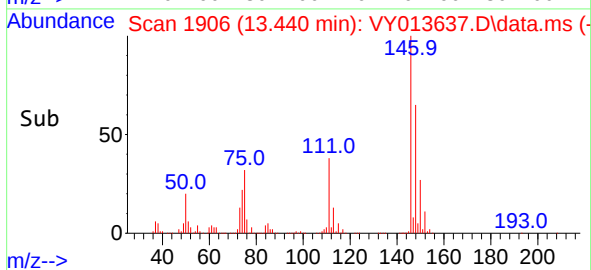
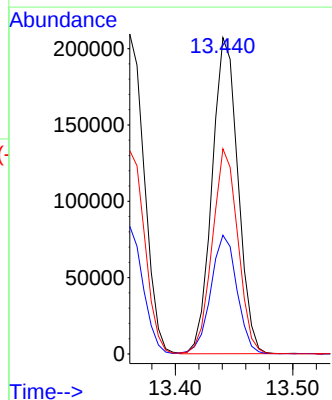
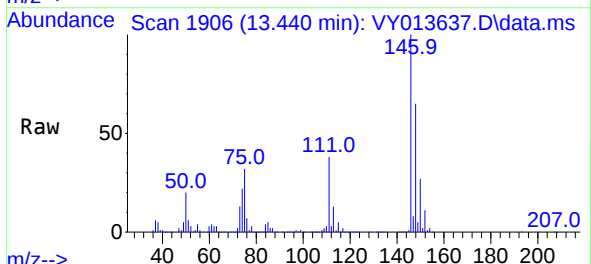
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

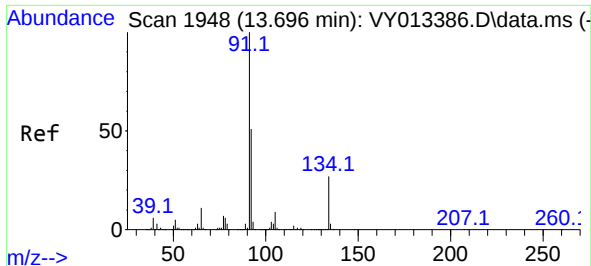
Tgt Ion:146 Resp: 317549
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.057 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:146 Resp: 317142
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.5
148 64.2 31.9 95.5

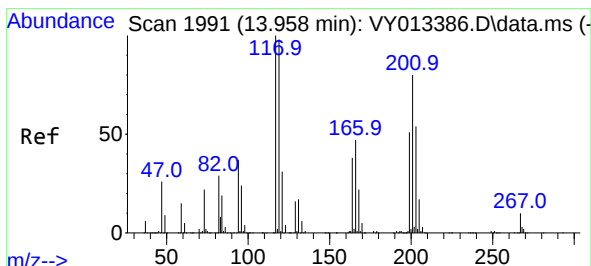
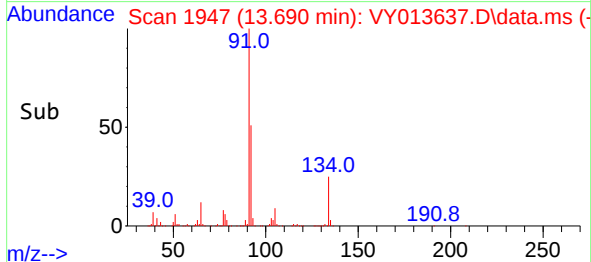
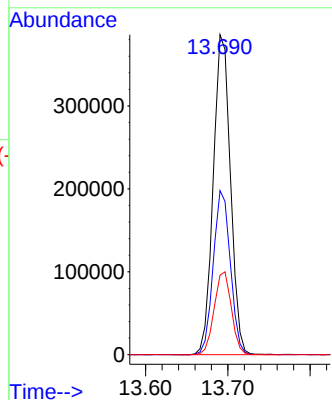
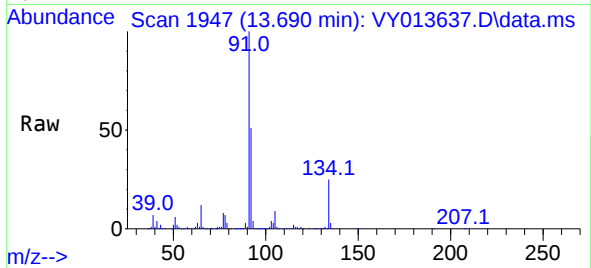




#89
n-Butylbenzene
Concen: 50.568 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

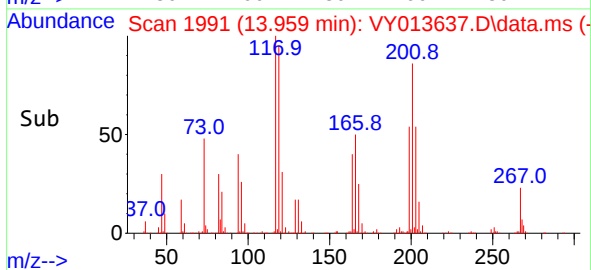
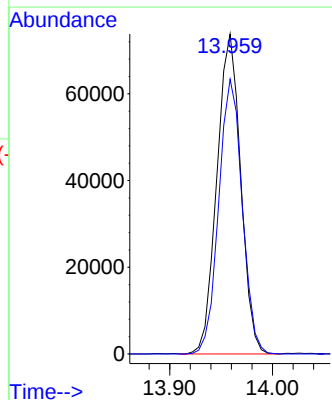
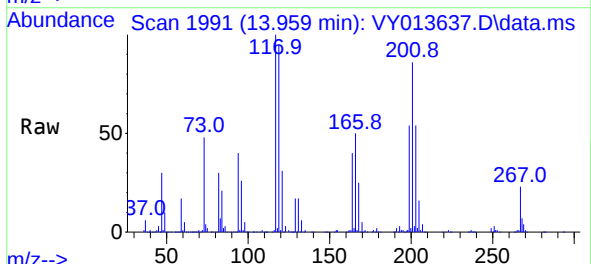
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

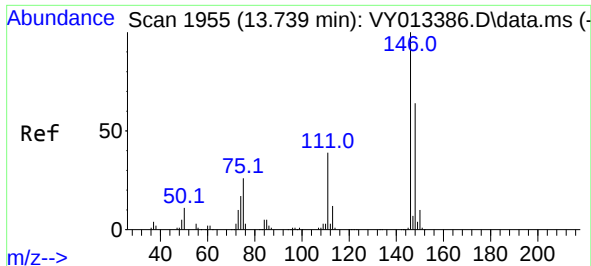
Tgt Ion: 91 Resp: 561082
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 26.0 13.5 40.4



#90
Hexachloroethane
Concen: 49.503 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 117 Resp: 118441
Ion Ratio Lower Upper
117 100
201 84.7 41.6 124.8

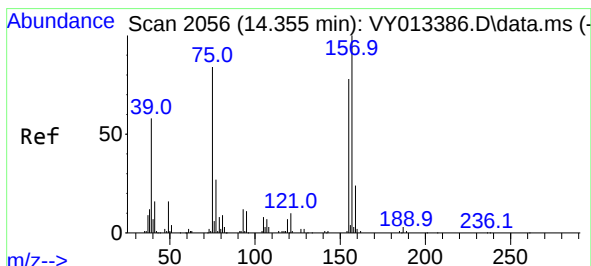
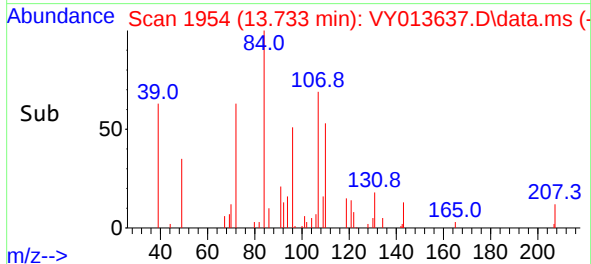
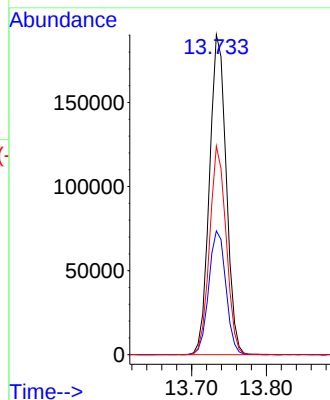
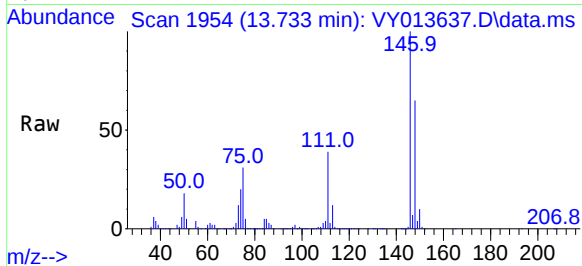




#91
1,2-Dichlorobenzene
Concen: 53.442 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

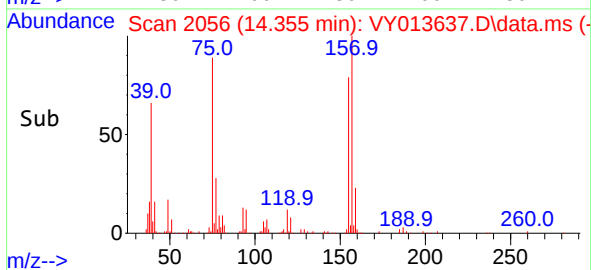
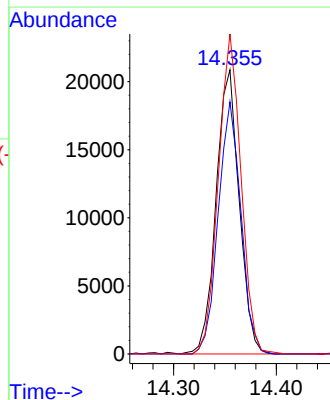
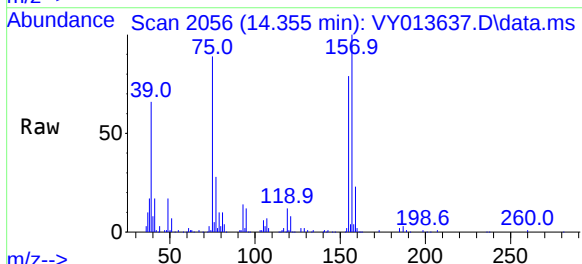
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ClientSampleId :
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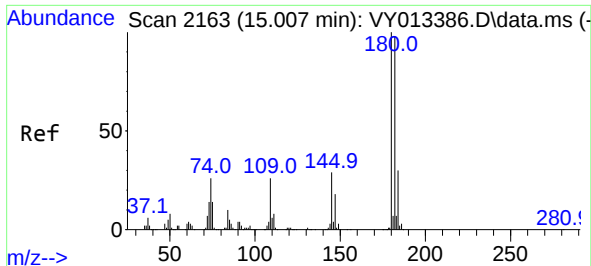
Tgt Ion:146 Resp: 296751
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 64.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.599 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion: 75 Resp: 32546
Ion Ratio Lower Upper
75 100
155 86.9 44.6 134.0
157 110.5 57.6 172.7

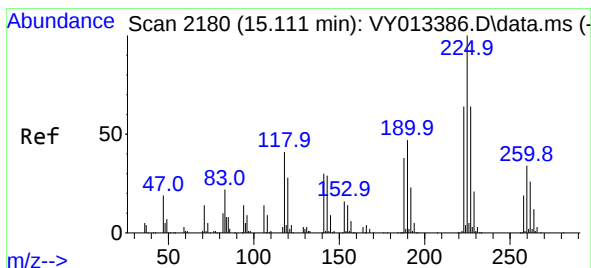
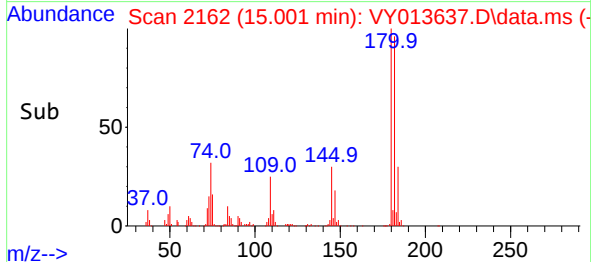
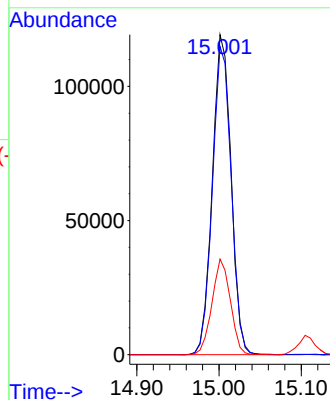
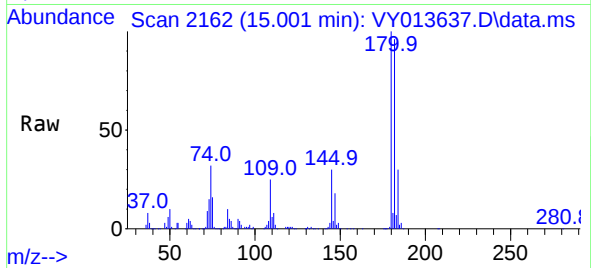




#93
1,2,4-Trichlorobenzene
Concen: 56.894 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

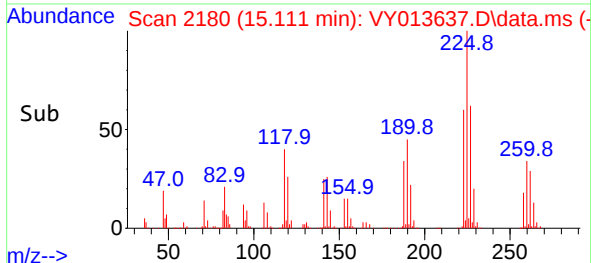
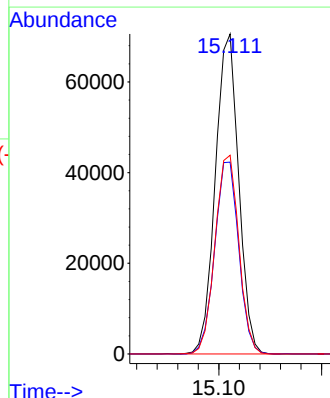
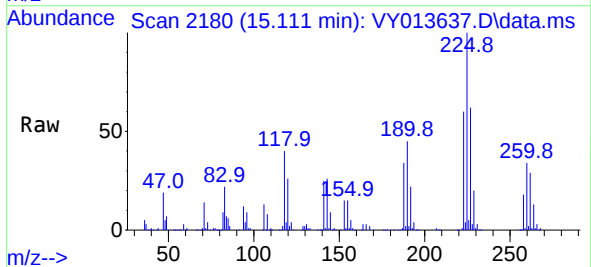
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

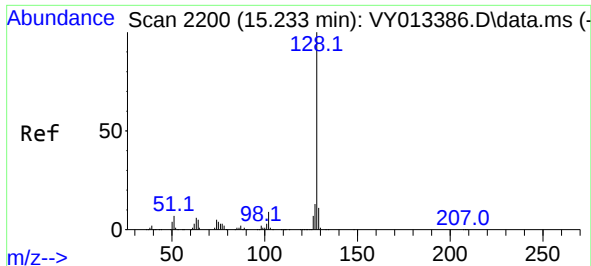
Tgt Ion:180 Resp: 188356
Ion Ratio Lower Upper
180 100
182 96.7 48.5 145.5
145 29.4 15.0 45.0



#94
Hexachlorobutadiene
Concen: 57.636 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:225 Resp: 111049
Ion Ratio Lower Upper
225 100
223 61.7 31.4 94.2
227 63.4 32.0 96.0

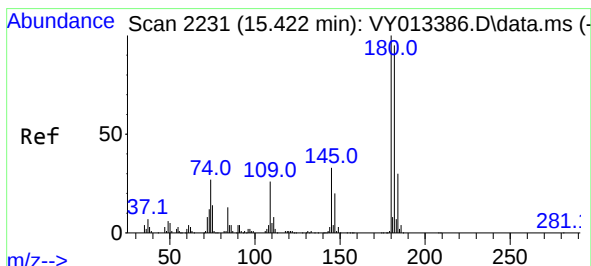
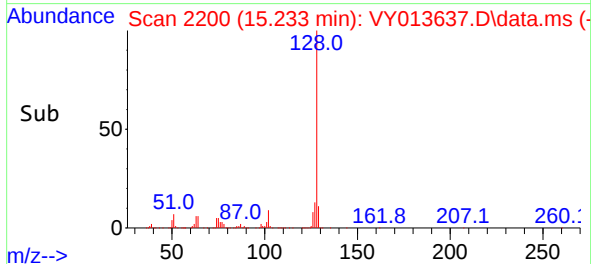
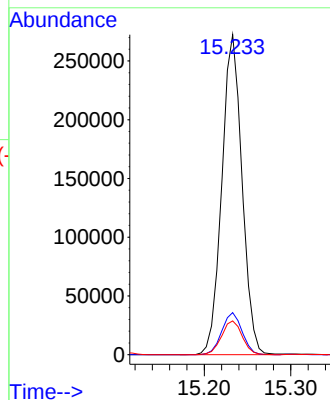
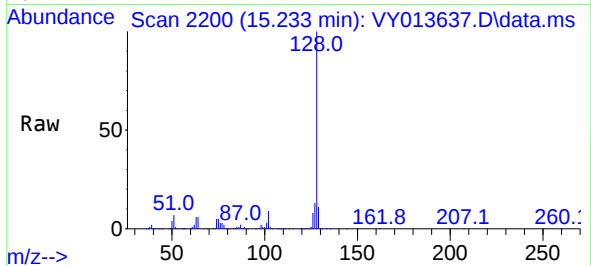




#95
Naphthalene
Concen: 61.460 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 441473
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 60.127 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013637.D
Acq: 05 May 2023 19:48

Tgt Ion:180 Resp: 177418
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.3
145 30.8 15.9 47.7

