

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018893.D
 Acq On : 22 Jul 2024 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 08:02:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	101819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	158549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49650	49.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.704	113	49460	49.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.173	98	175980	46.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.477	95	61598	47.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	32691	38.317	ug/l	98
3) Chloromethane	2.107	50	51538	39.752	ug/l	97
4) Vinyl Chloride	2.241	62	62727	41.359	ug/l	100
5) Bromomethane	2.637	94	44088	42.261	ug/l	96
6) Chloroethane	2.778	64	41568	42.187	ug/l	98
7) Trichlorofluoromethane	3.101	101	89643	45.232	ug/l	100
8) Diethyl Ether	3.515	74	23030	47.677	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	45017	44.272	ug/l	95
10) Methyl Iodide	4.070	142	51970	47.462	ug/l	94
11) Tert butyl alcohol	4.942	59	19943	196.492	ug/l #	80
12) 1,1-Dichloroethene	3.851	96	41992	42.688	ug/l	95
13) Acrolein	3.710	56	12077	148.518	ug/l	100
14) Allyl chloride	4.460	41	53678	44.046	ug/l	91
15) Acrylonitrile	5.143	53	49165	258.003	ug/l	98
16) Acetone	3.924	43	51544	279.045	ug/l #	84
17) Carbon Disulfide	4.174	76	111352	40.426	ug/l	100
18) Methyl Acetate	4.454	43	27002	50.310	ug/l	95
19) Methyl tert-butyl Ether	5.198	73	109343	47.916	ug/l	100
20) Methylene Chloride	4.692	84	57417	55.426	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	45187	43.523	ug/l	92
22) Diisopropyl ether	6.100	45	120059	45.290	ug/l #	90
23) Vinyl Acetate	6.039	43	516694	247.403	ug/l	97
24) 1,1-Dichloroethane	5.991	63	76086	44.954	ug/l	98
25) 2-Butanone	6.972	43	68692	265.302	ug/l	92
26) 2,2-Dichloropropane	6.966	77	69147	44.030	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	55668	46.054	ug/l	99
28) Bromochloromethane	7.320	49	32682	48.076	ug/l	97
29) Tetrahydrofuran	7.332	42	41866	263.749	ug/l	94
30) Chloroform	7.490	83	88373	46.849	ug/l	96
31) Cyclohexane	7.771	56	61424	39.905	ug/l	98
32) 1,1,1-Trichloroethane	7.685	97	80221	45.734	ug/l	98
36) 1,1-Dichloropropene	7.905	75	59260	43.243	ug/l	99
37) Ethyl Acetate	7.057	43	30019	52.700	ug/l	98
38) Carbon Tetrachloride	7.887	117	74162	44.932	ug/l	96
39) Methylcyclohexane	9.173	83	76383	43.494	ug/l	92
40) Benzene	8.143	78	181416	45.634	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15623m	48.106	ug/l	
42) 1,2-Dichloroethane	8.222	62	53716	48.261	ug/l	96
43) Isopropyl Acetate	8.258	43	59680	52.653	ug/l	90
44) Trichloroethene	8.929	130	53082	46.712	ug/l	95
45) 1,2-Dichloropropane	9.203	63	39790	45.963	ug/l	100
46) Dibromomethane	9.295	93	27356	48.752	ug/l	96
47) Bromodichloromethane	9.484	83	67002	47.797	ug/l	97
48) Methyl methacrylate	9.283	41	25176	48.868	ug/l #	89
49) 1,4-Dioxane	9.289	88	6597	1002.932	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	151478	261.759	ug/l	94
52) Toluene	10.234	92	115339	43.651	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	58967	48.720	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	68682	48.371	ug/l	92
55) 1,1,2-Trichloroethane	10.636	97	35968	50.619	ug/l	94
56) Ethyl methacrylate	10.502	69	48960	52.335	ug/l #	87
57) 1,3-Dichloropropane	10.782	76	56602	48.053	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	124433	278.410	ug/l	94
59) 2-Hexanone	10.825	43	110831	273.758	ug/l	91
60) Dibromochloromethane	10.977	129	50703	51.933	ug/l	97
61) 1,2-Dibromoethane	11.081	107	35240	51.013	ug/l	98
64) Tetrachloroethene	10.715	164	53454	46.786	ug/l	99
65) Chlorobenzene	11.508	112	135832	45.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	48584	47.357	ug/l	95
67) Ethyl Benzene	11.587	91	229407	43.979	ug/l	96
68) m/p-Xylenes	11.697	106	179721	87.799	ug/l	97
69) o-Xylene	12.026	106	86624	45.013	ug/l	99
70) Styrene	12.038	104	143677	44.745	ug/l	96
71) Bromoform	12.203	173	28673	51.275	ug/l #	100
73) Isopropylbenzene	12.325	105	225761	42.974	ug/l	98
74) N-amyl acetate	12.142	43	51411	47.852	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	39069	47.174	ug/l	99
76) 1,2,3-Trichloropropane	12.623	75	25835m	45.953	ug/l	
77) Bromobenzene	12.605	156	56527	45.071	ug/l	95
78) n-propylbenzene	12.666	91	268717	43.073	ug/l	96
79) 2-Chlorotoluene	12.752	91	150672	42.952	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	184049	42.817	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	11847	47.161	ug/l #	80
82) 4-Chlorotoluene	12.849	91	151399	41.913	ug/l	95
83) tert-Butylbenzene	13.069	119	173868	43.812	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	181868	42.577	ug/l	98
85) sec-Butylbenzene	13.251	105	245864	43.648	ug/l	97
86) p-Isopropyltoluene	13.367	119	207371	42.643	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	109406	44.416	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	107060	43.853	ug/l	99
89) n-Butylbenzene	13.696	91	188225	42.694	ug/l	97
90) Hexachloroethane	13.959	117	39365	43.527	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	99226	46.634	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6422	47.855	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	61291	47.187	ug/l	98
94) Hexachlorobutadiene	15.111	225	34062	45.496	ug/l	96
95) Naphthalene	15.233	128	111650	50.107	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	52710	47.429	ug/l	100

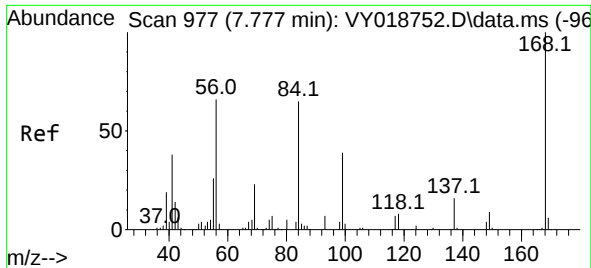
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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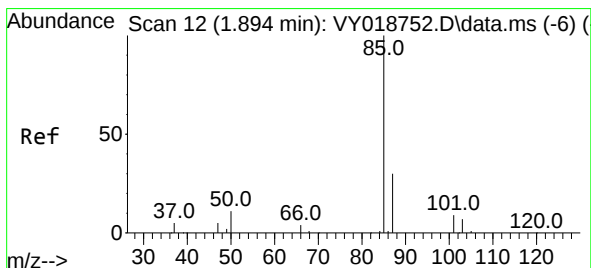
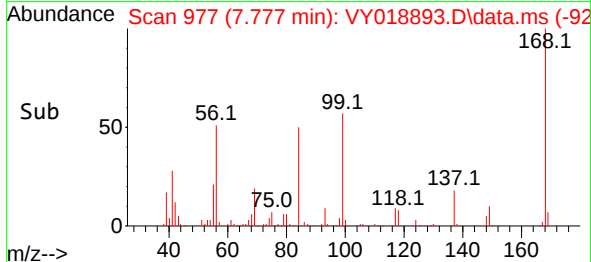
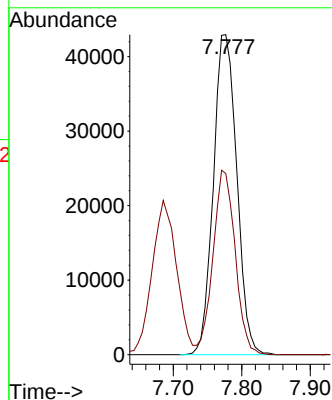
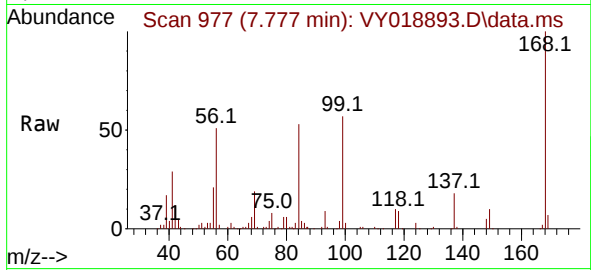
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
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Acq: 22 Jul 2024 17:36

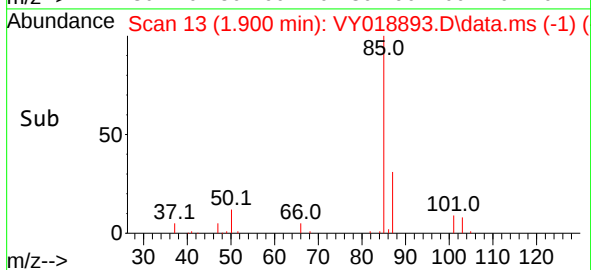
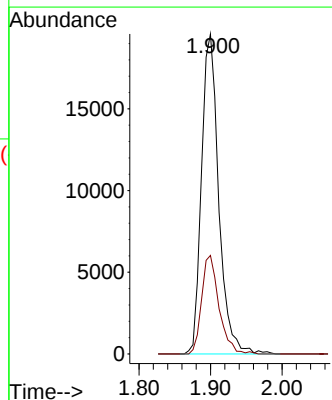
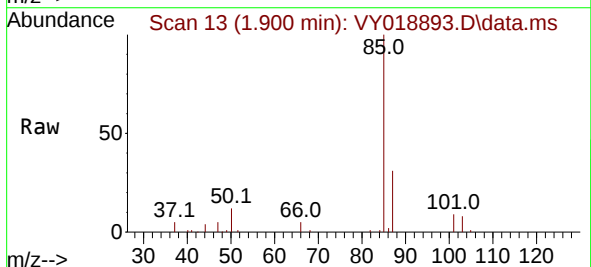
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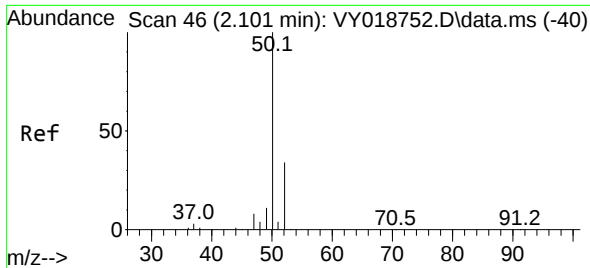
Tgt Ion:168 Resp: 101819
Ion Ratio Lower Upper
168 100
99 56.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 38.317 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 85 Resp: 32691
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0

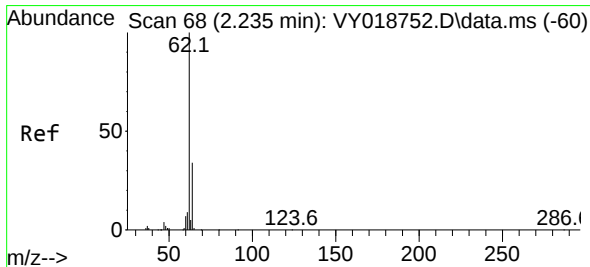
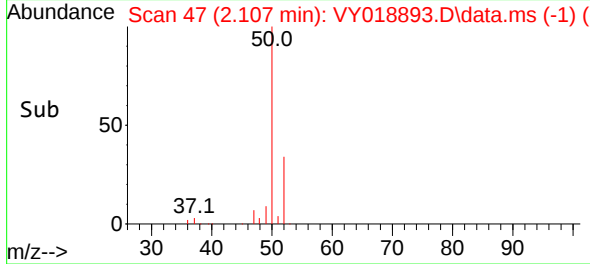
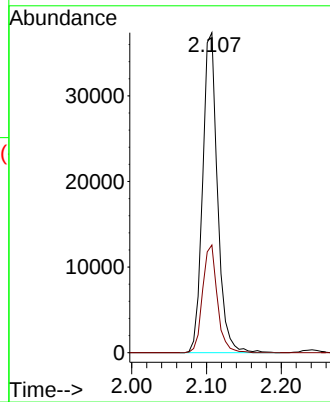
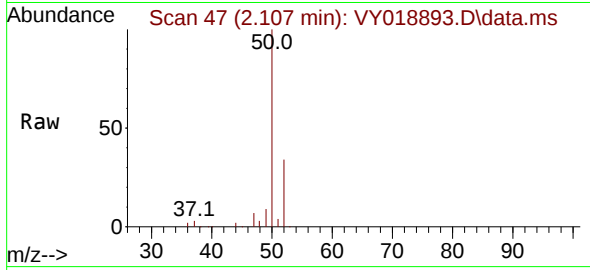




#3
Chloromethane
Concen: 39.752 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

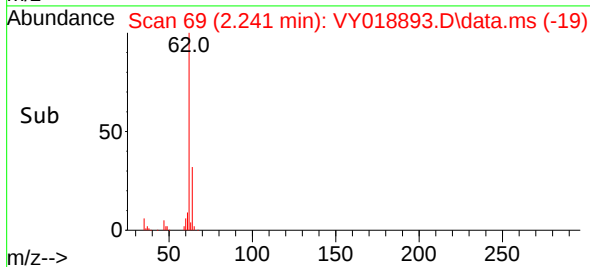
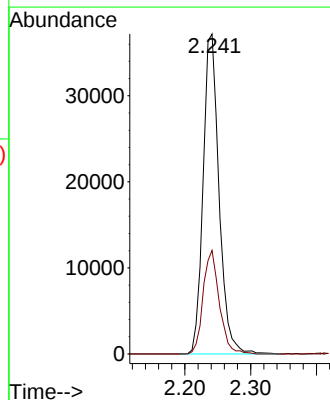
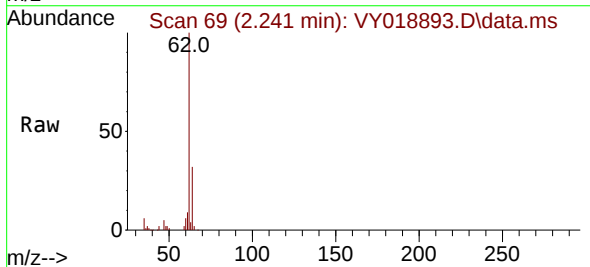
Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 51538
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 41.359 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 62 Resp: 62727
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

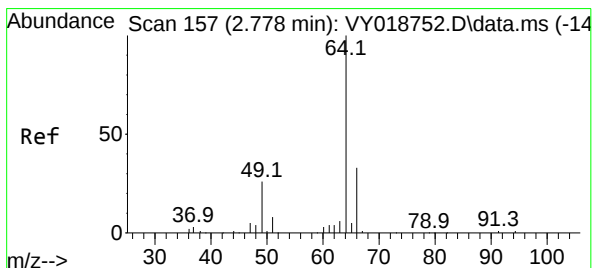
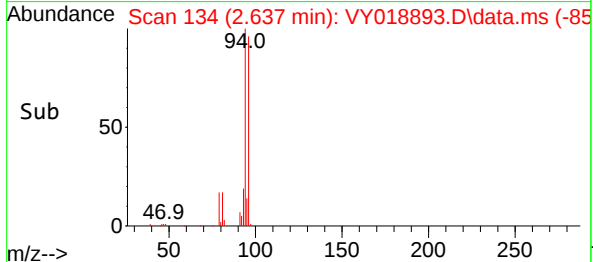
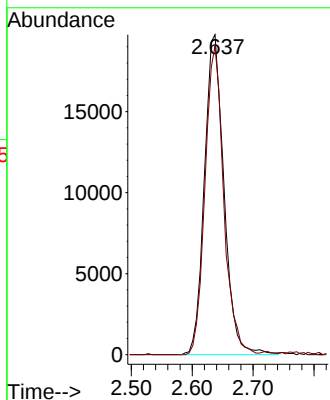
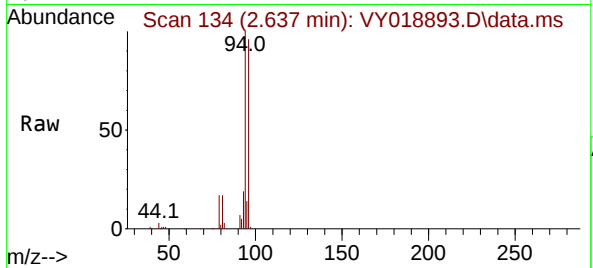




#5
Bromomethane
Concen: 42.261 ug/l
RT: 2.637 min Scan# 134
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

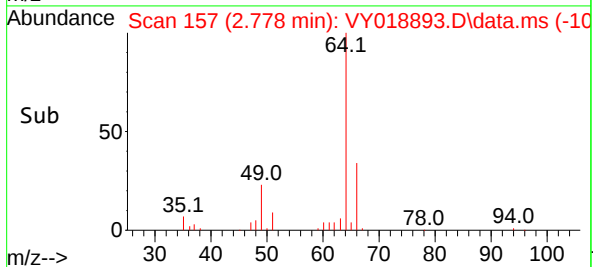
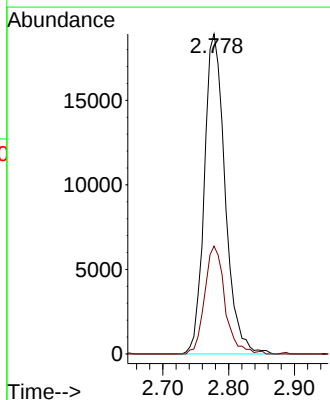
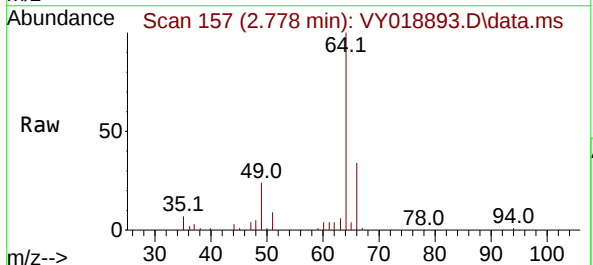
Instrument :
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ClientSampleId :
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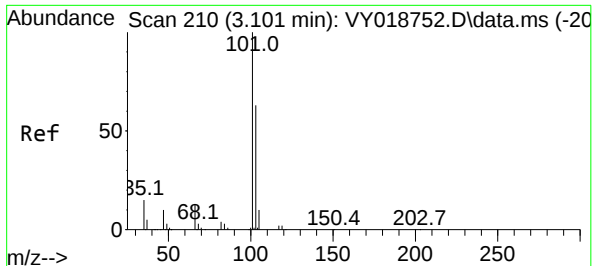
Tgt Ion: 94 Resp: 44088
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 42.187 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 64 Resp: 41568
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

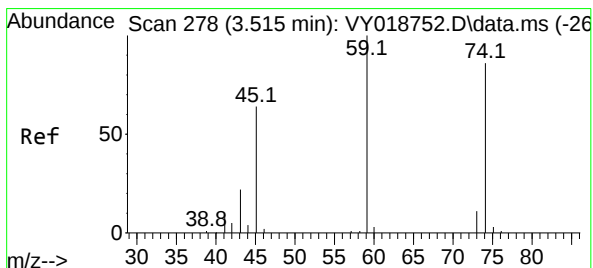
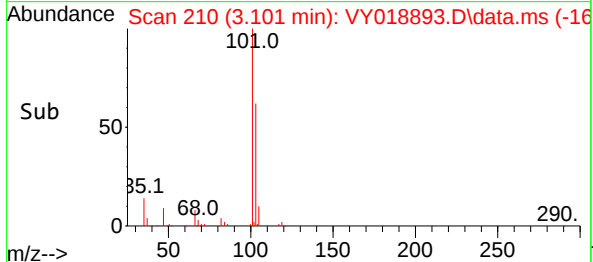
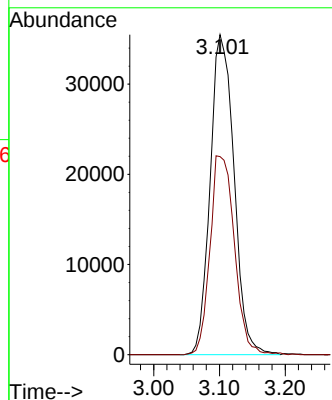
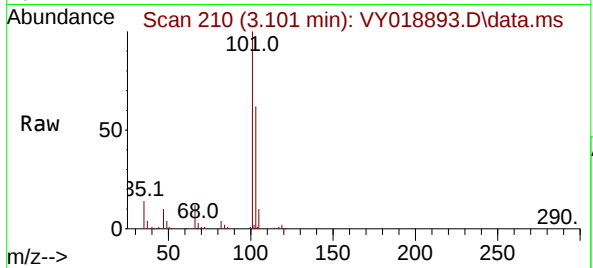




#7
Trichlorofluoromethane
Concen: 45.232 ug/l
RT: 3.101 min Scan# 210
Delta R.T. -0.000 min
Lab File: VY018893.D
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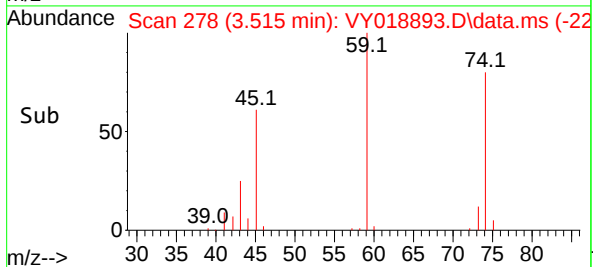
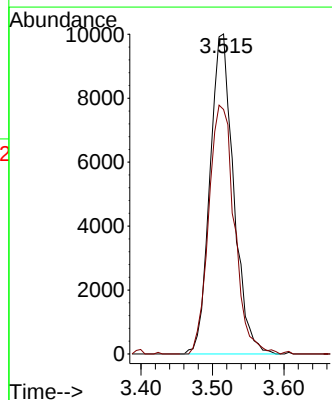
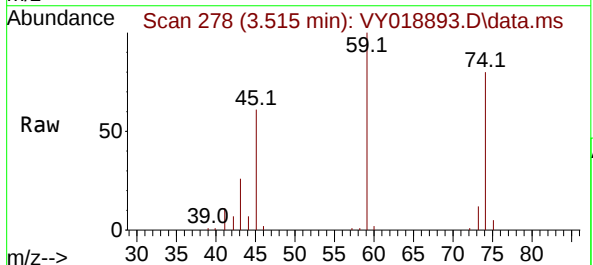
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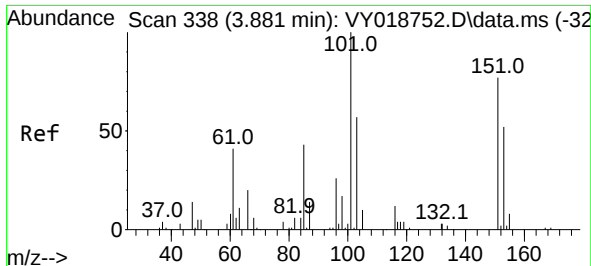
Tgt Ion:101 Resp: 89643
Ion Ratio Lower Upper
101 100
103 61.9 49.3 73.9



#8
Diethyl Ether
Concen: 47.677 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 74 Resp: 23030
Ion Ratio Lower Upper
74 100
45 84.3 41.3 124.1

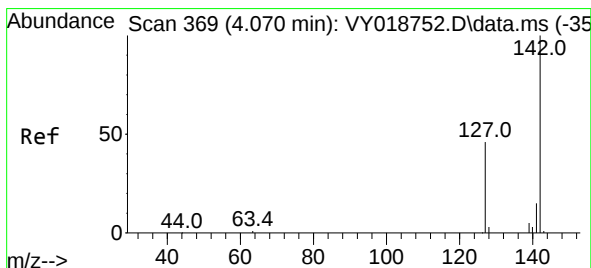
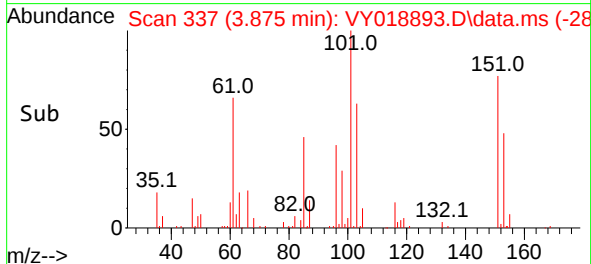
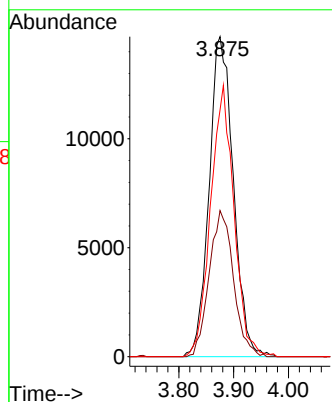
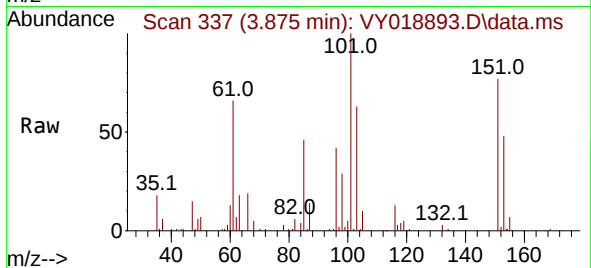




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.272 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018893.D
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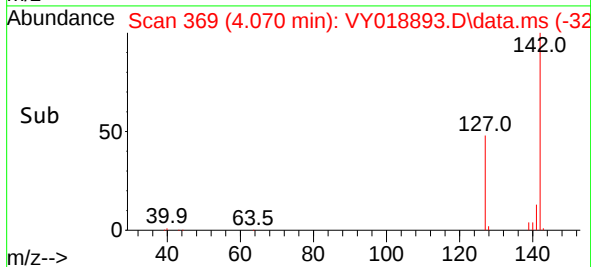
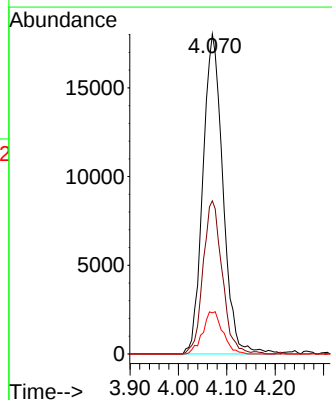
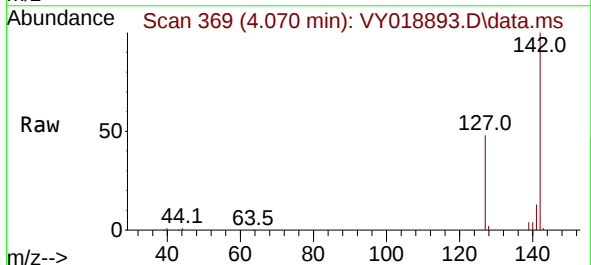
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ClientSampleId :
VSTDCCC050EC

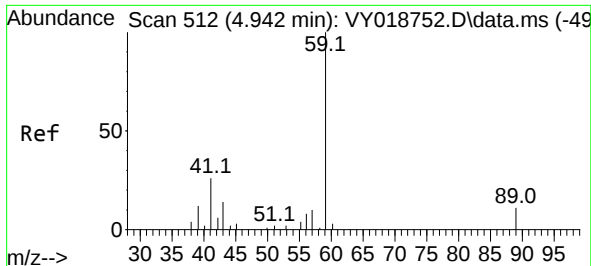
Tgt Ion:101 Resp: 45017
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 82.0 61.7 92.5



#10
Methyl Iodide
Concen: 47.462 ug/l
RT: 4.070 min Scan# 369
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion:142 Resp: 51970
Ion Ratio Lower Upper
142 100
127 45.5 32.8 49.2
141 13.2 11.4 17.2

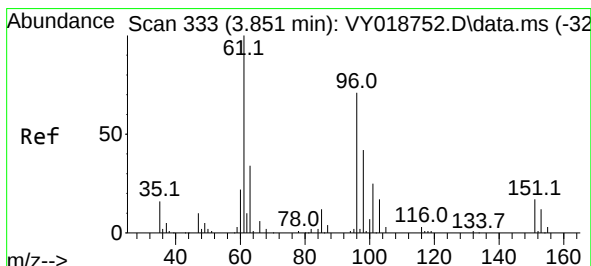
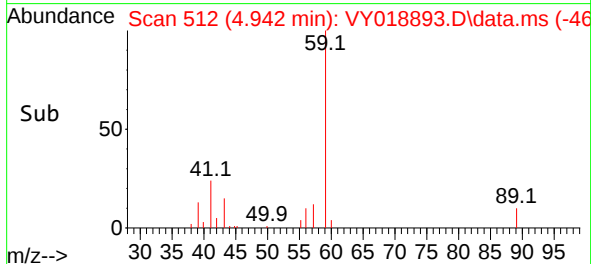
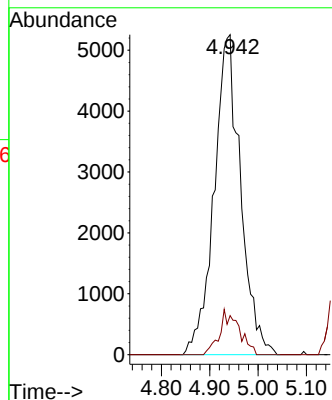
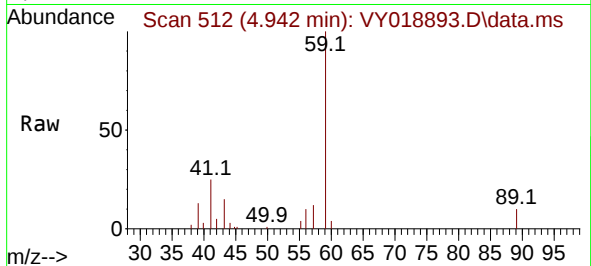




#11
Tert butyl alcohol
Concen: 196.492 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

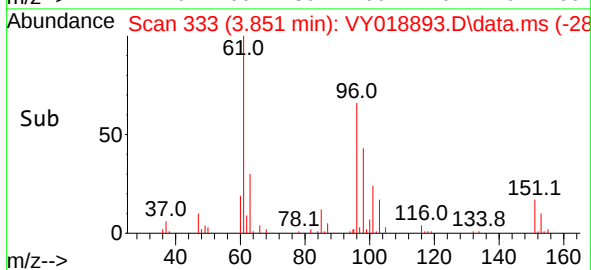
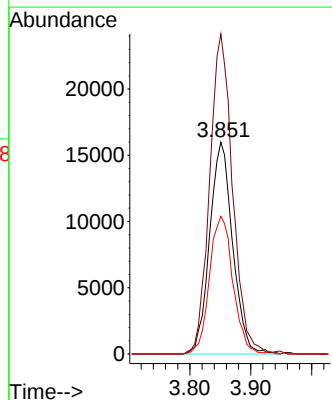
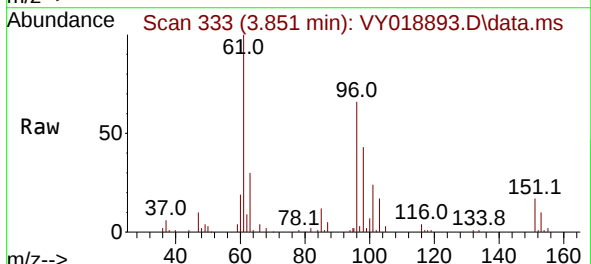
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

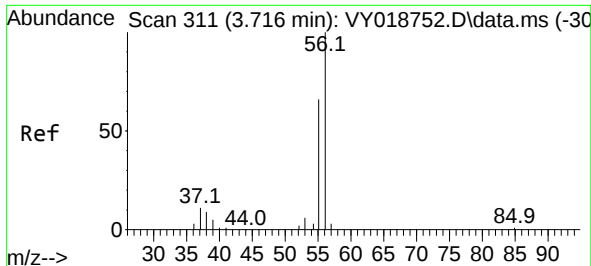
Tgt Ion: 59 Resp: 19943
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 42.688 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 96 Resp: 41992
Ion Ratio Lower Upper
96 100
61 151.0 114.6 171.8
98 64.9 50.8 76.2

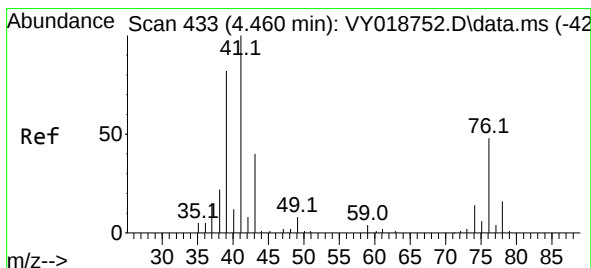
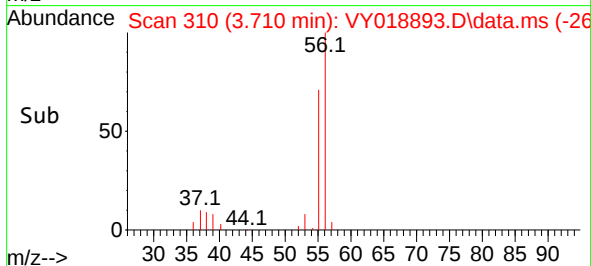
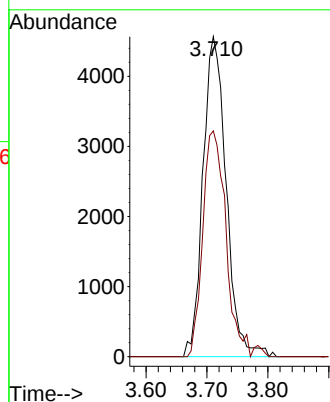
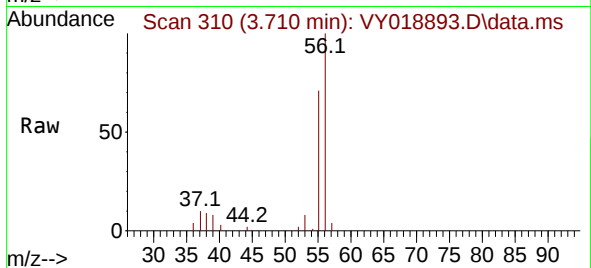




#13
Acrolein
Concen: 148.518 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

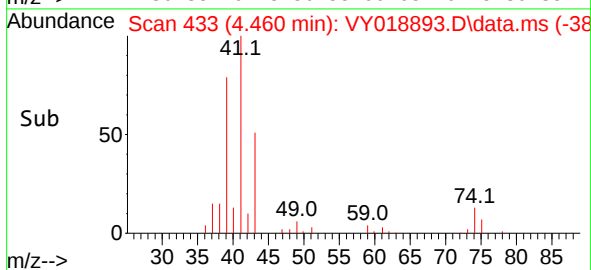
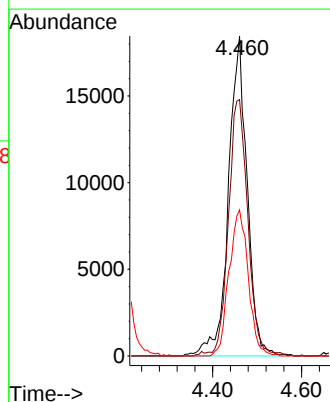
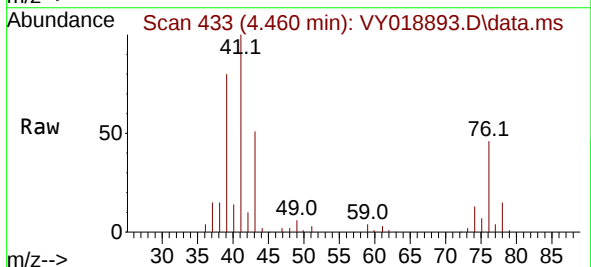
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

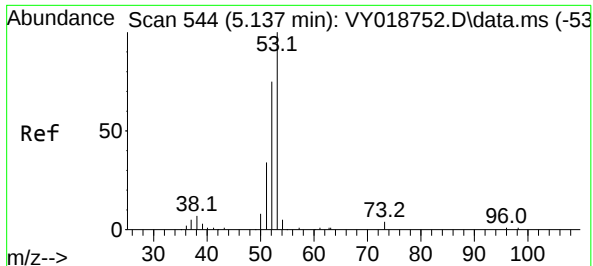
Tgt Ion: 56 Resp: 12077
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5



#14
Allyl chloride
Concen: 44.046 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 41 Resp: 53678
Ion Ratio Lower Upper
41 100
39 83.6 58.3 87.5
76 47.1 39.0 58.6

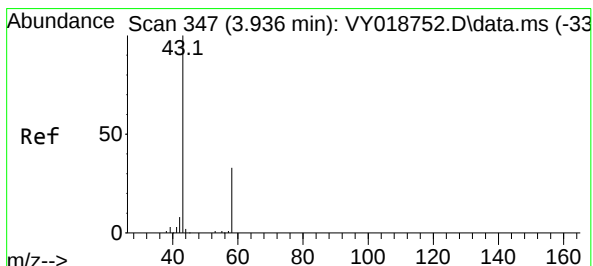
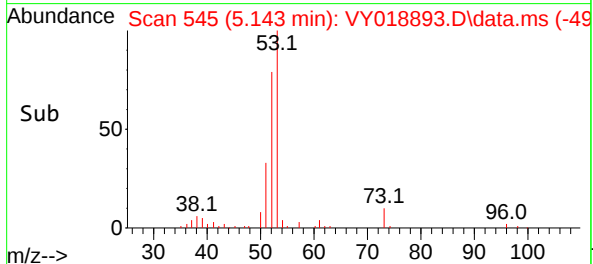
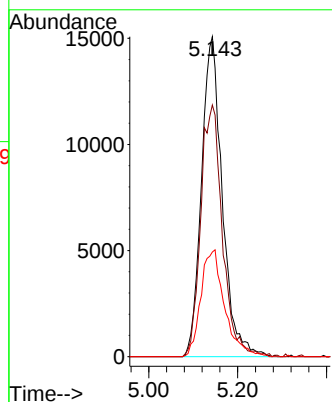
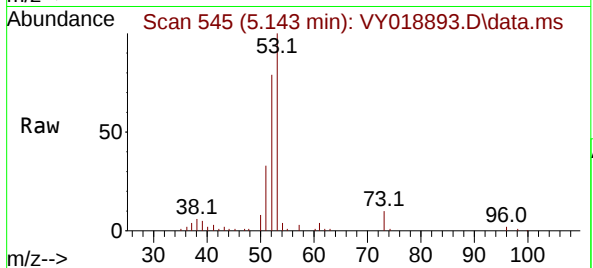




#15
Acrylonitrile
Concen: 258.003 ug/l
RT: 5.143 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

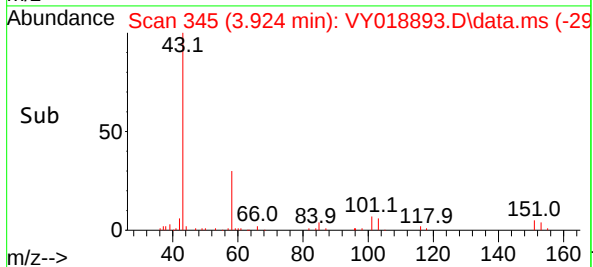
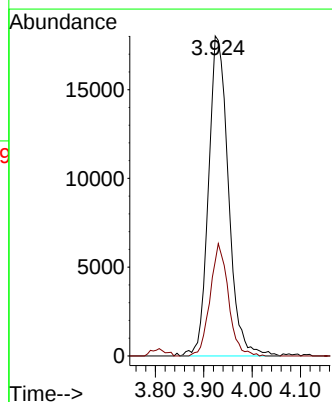
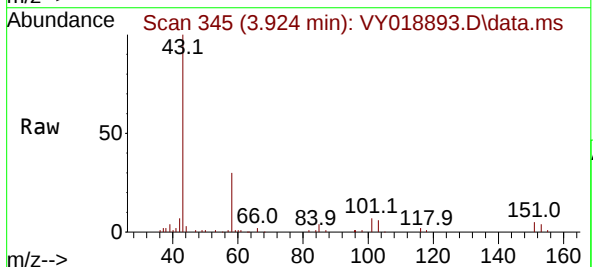
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

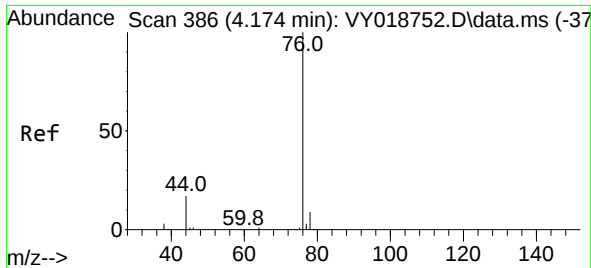
Tgt Ion: 53 Resp: 49165
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 279.045 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 43 Resp: 51544
Ion Ratio Lower Upper
43 100
58 29.6 31.7 47.5#

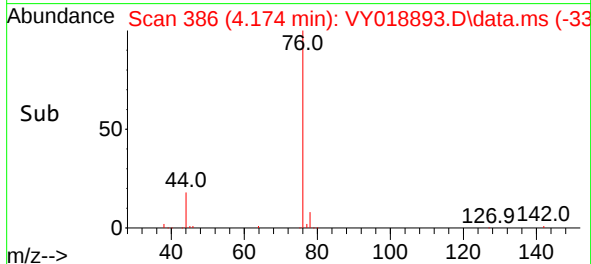
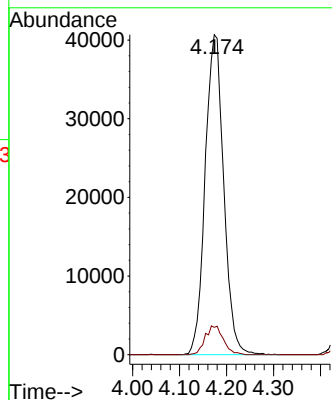
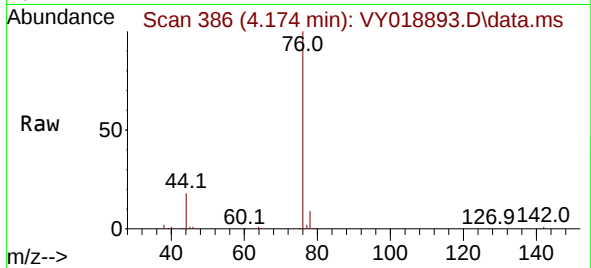




#17
Carbon Disulfide
Concen: 40.426 ug/l
RT: 4.174 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

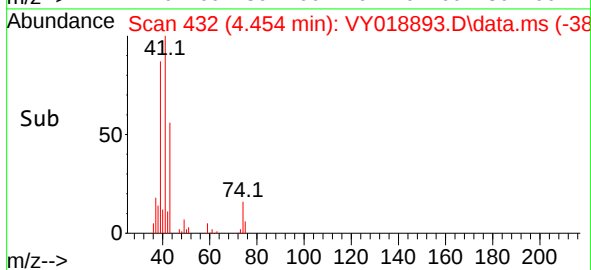
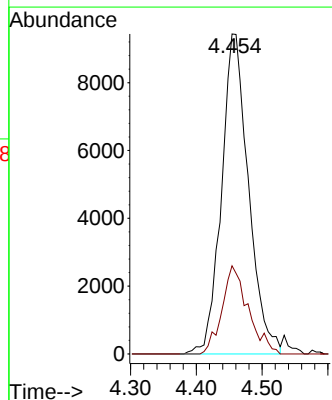
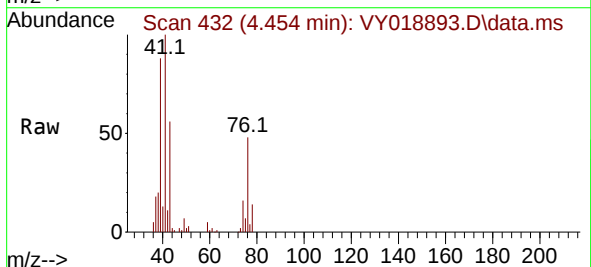
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

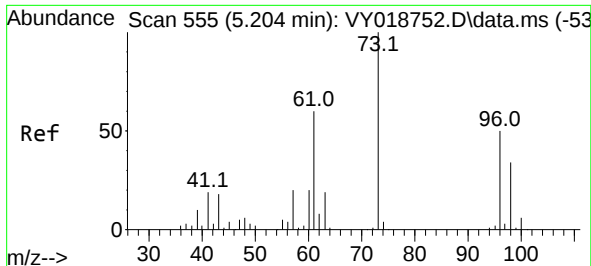
Tgt Ion: 76 Resp: 111352
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 50.310 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 43 Resp: 27002
Ion Ratio Lower Upper
43 100
74 26.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 47.916 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

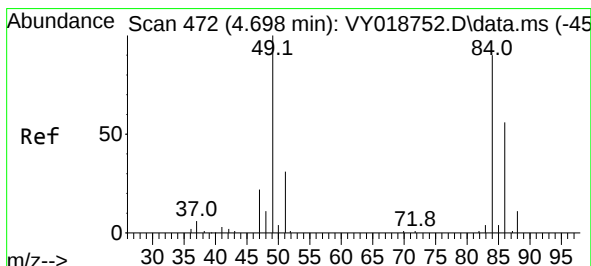
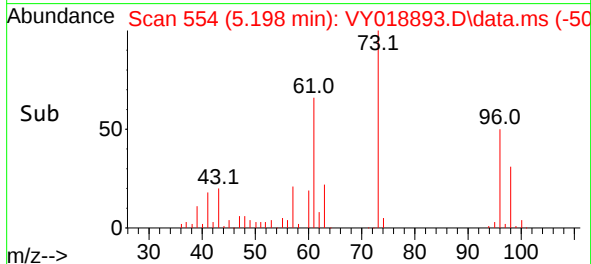
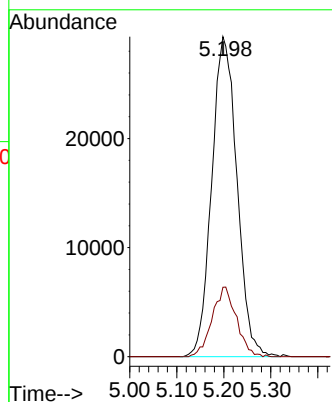
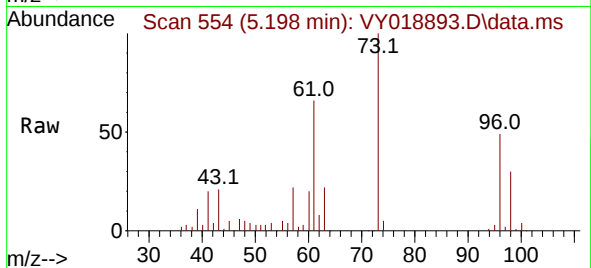
VSTDCCC050EC

Tgt Ion: 73 Resp: 109343

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 55.426 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Tgt Ion: 84 Resp: 57417

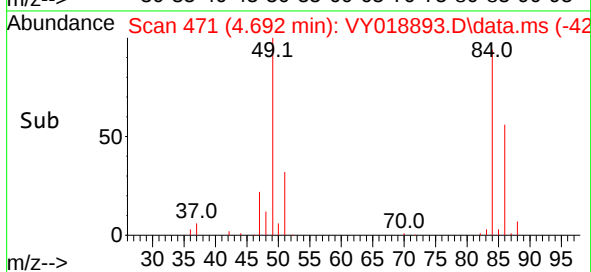
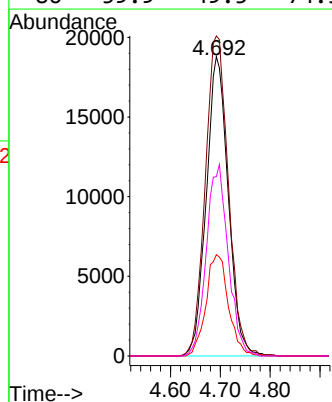
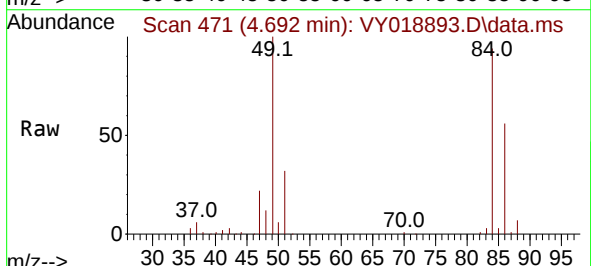
Ion Ratio Lower Upper

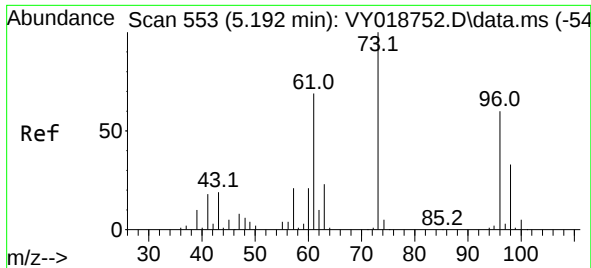
84 100

49 106.9 84.4 126.6

51 33.8 26.0 39.0

86 59.9 49.5 74.3

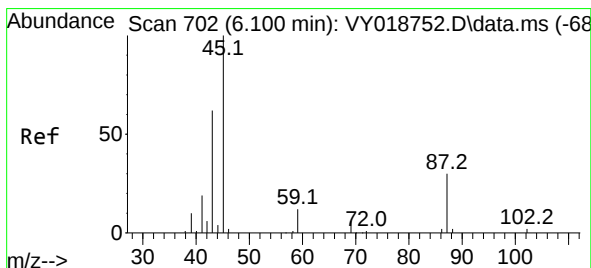
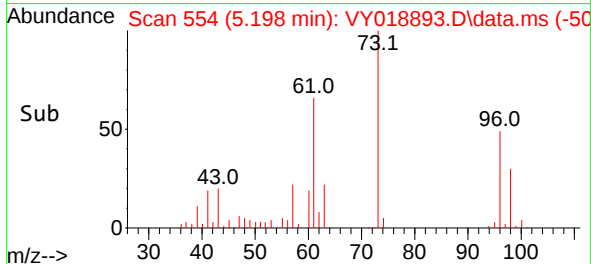
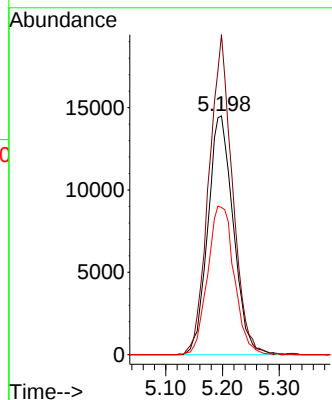
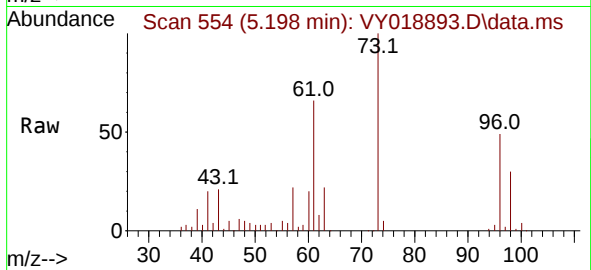




#21
trans-1,2-Dichloroethene
Concen: 43.523 ug/l
RT: 5.198 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

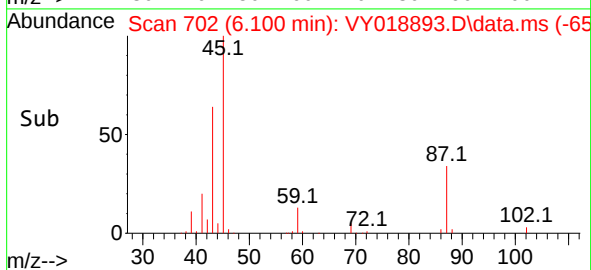
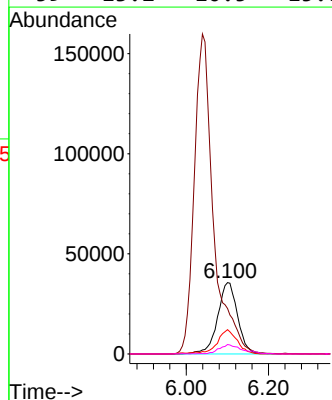
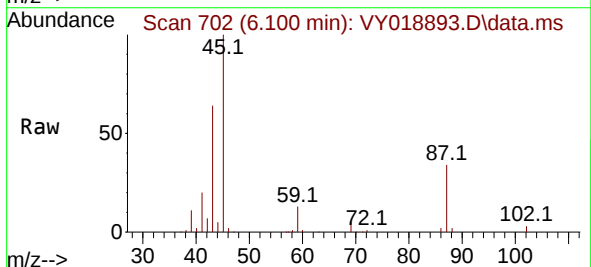
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

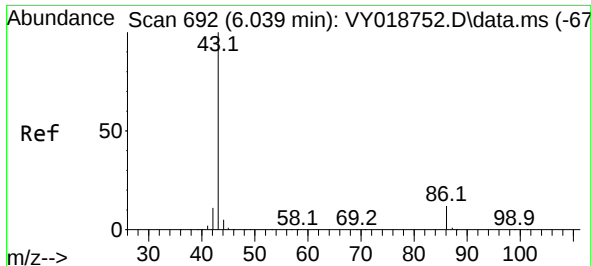
Tgt Ion: 96 Resp: 45187
Ion Ratio Lower Upper
96 100
61 133.7 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 45.290 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 45 Resp: 120059
Ion Ratio Lower Upper
45 100
43 63.3 42.2 63.2#
87 34.1 25.0 37.6
59 13.2 10.5 15.7

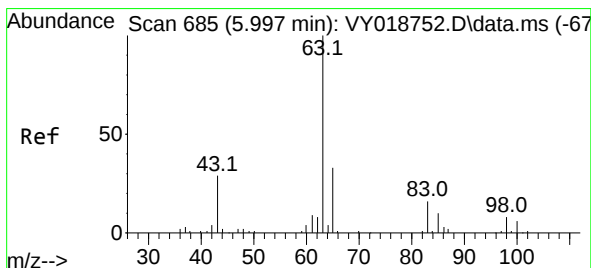
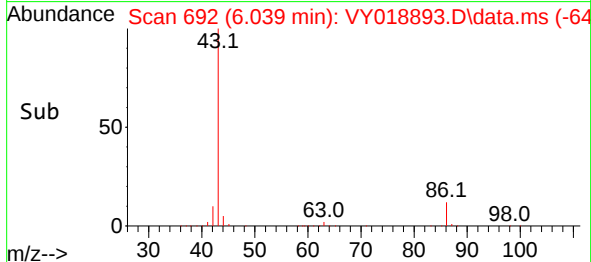
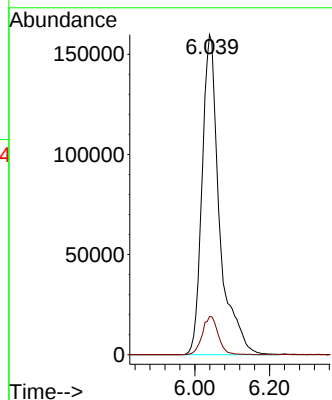
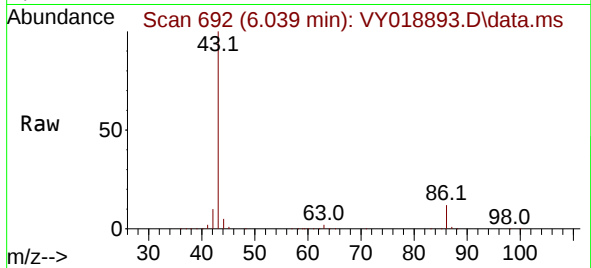




#23
 Vinyl Acetate
 Concen: 247.403 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.000 min
 Lab File: VY018893.D
 Acq: 22 Jul 2024 17:36

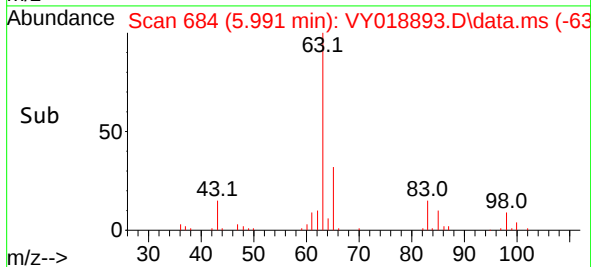
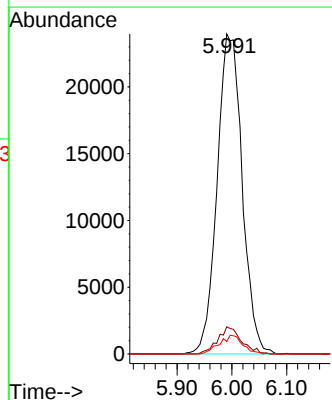
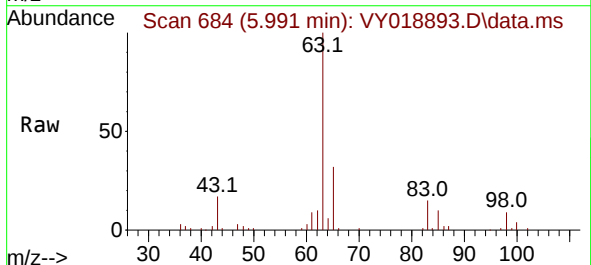
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

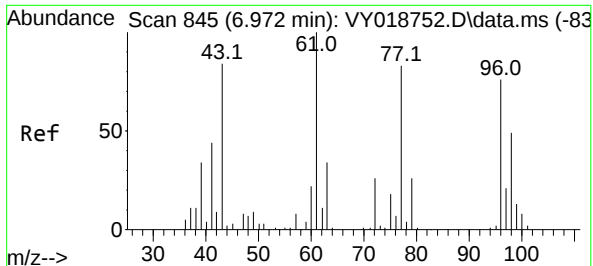
Tgt Ion: 43 Resp: 516694
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.954 ug/l
 RT: 5.991 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: VY018893.D
 Acq: 22 Jul 2024 17:36

Tgt Ion: 63 Resp: 76086
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.2
 100 3.9 2.6 8.0





#25

2-Butanone

Concen: 265.302 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

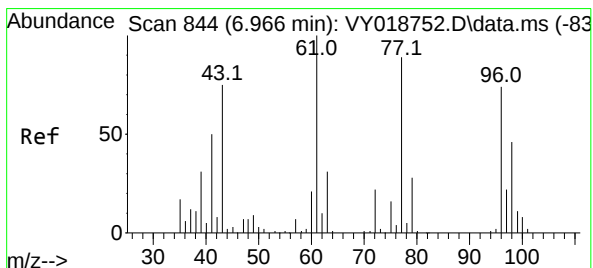
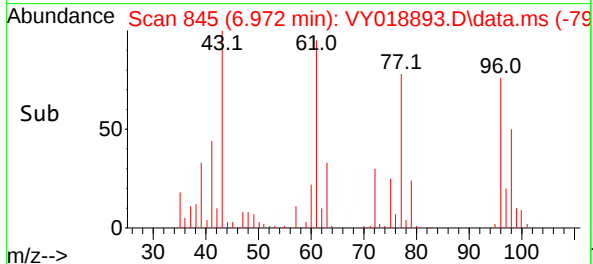
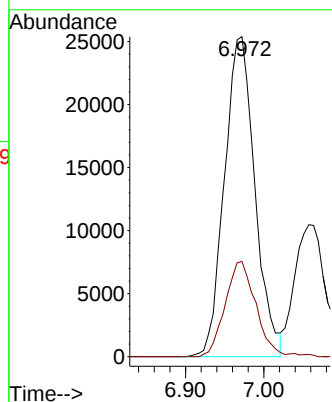
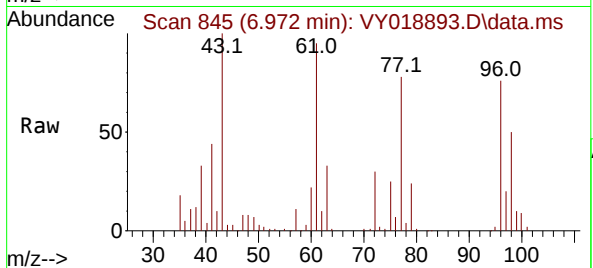
VSTDCCC050EC

Tgt Ion: 43 Resp: 68692

Ion Ratio Lower Upper

43 100

72 29.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 44.030 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018893.D

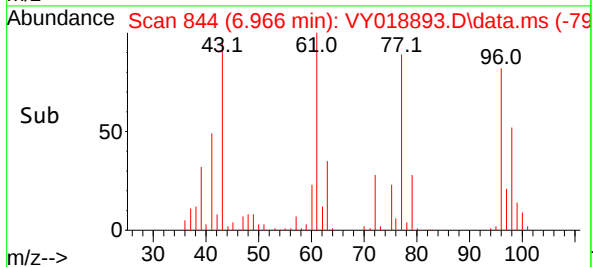
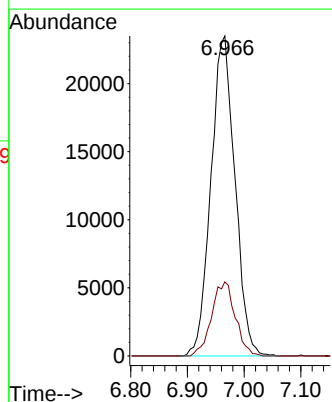
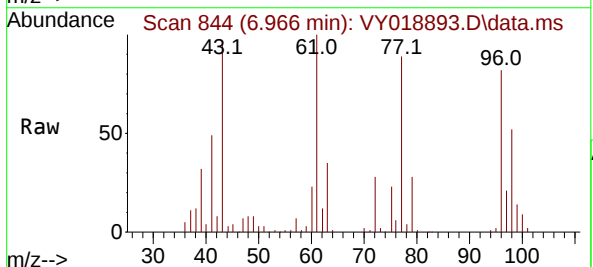
Acq: 22 Jul 2024 17:36

Tgt Ion: 77 Resp: 69147

Ion Ratio Lower Upper

77 100

97 22.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 46.054 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

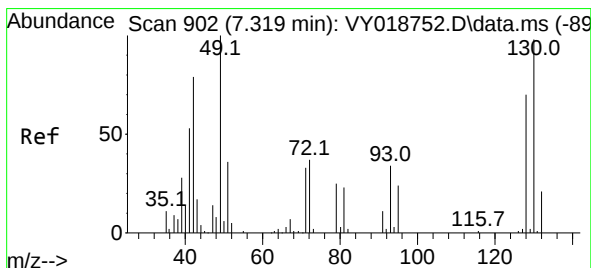
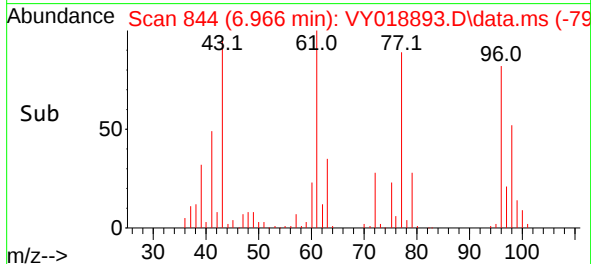
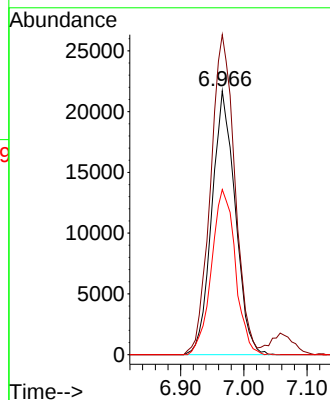
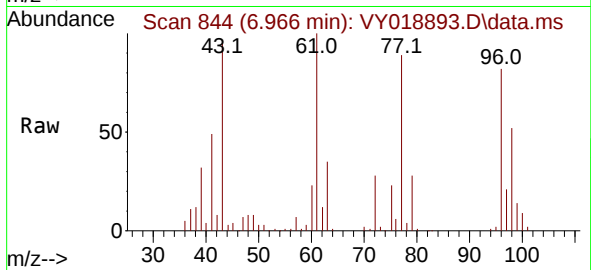
Tgt Ion: 96 Resp: 55668

Ion Ratio Lower Upper

96 100

61 126.3 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 48.076 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

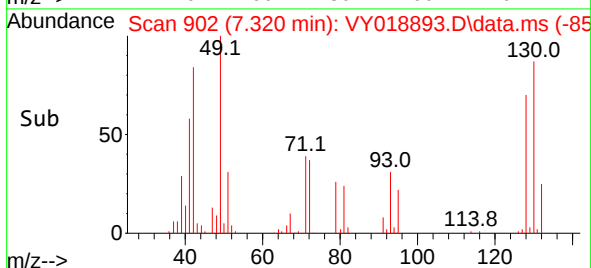
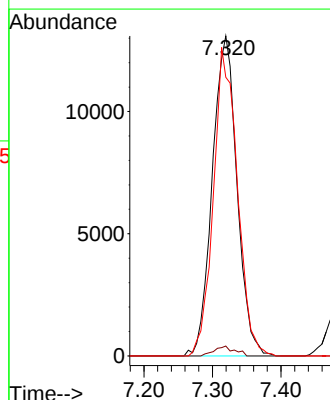
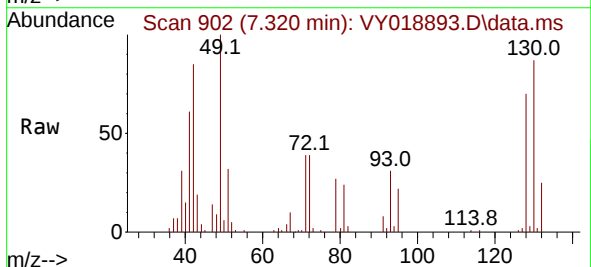
Tgt Ion: 49 Resp: 32682

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 93.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 263.749 ug/l

RT: 7.332 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

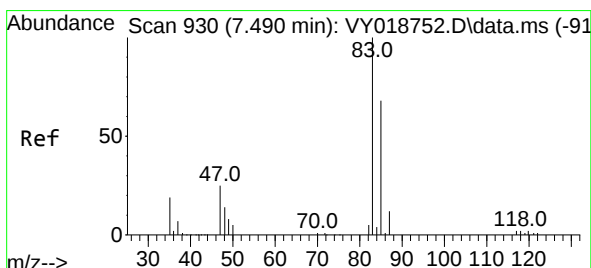
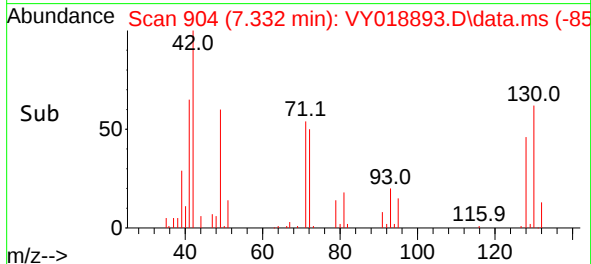
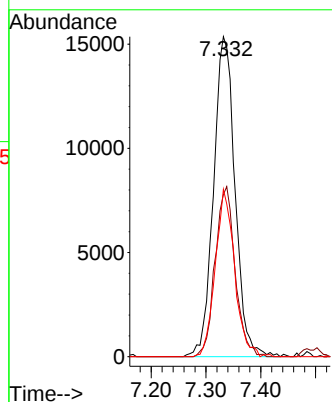
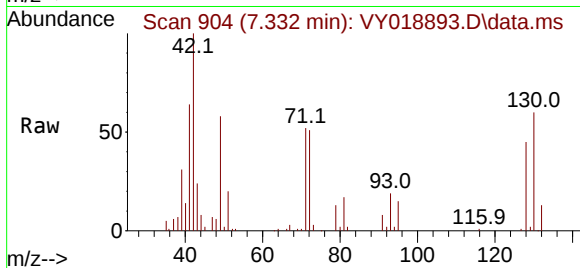
Tgt Ion: 42 Resp: 41866

Ion Ratio Lower Upper

42 100

72 49.4 43.0 64.4

71 46.8 40.8 61.2



#30

Chloroform

Concen: 46.849 ug/l

RT: 7.490 min Scan# 930

Delta R.T. 0.000 min

Lab File: VY018893.D

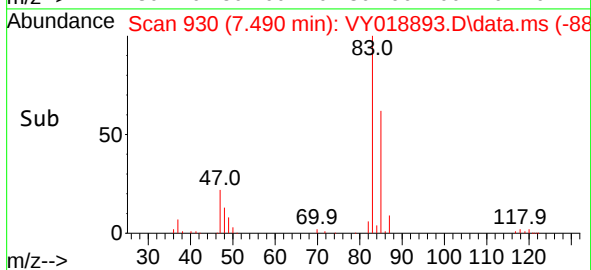
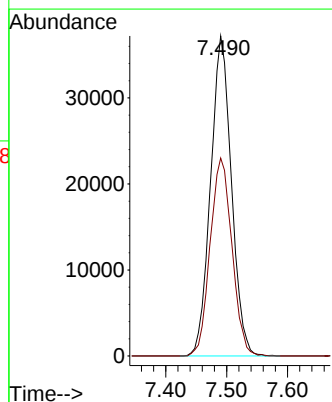
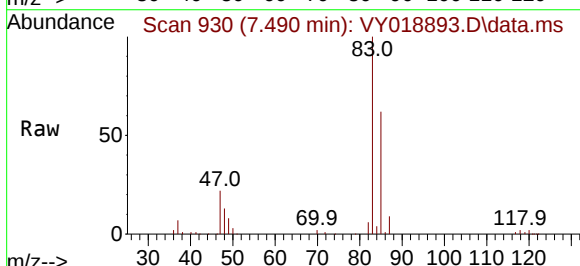
Acq: 22 Jul 2024 17:36

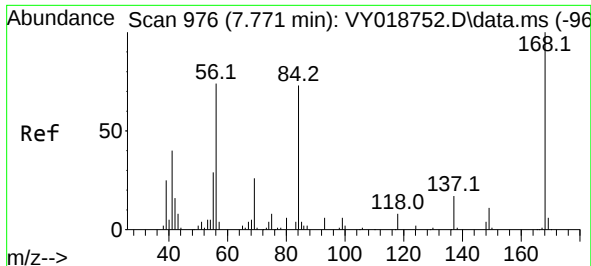
Tgt Ion: 83 Resp: 88373

Ion Ratio Lower Upper

83 100

85 61.9 52.2 78.4

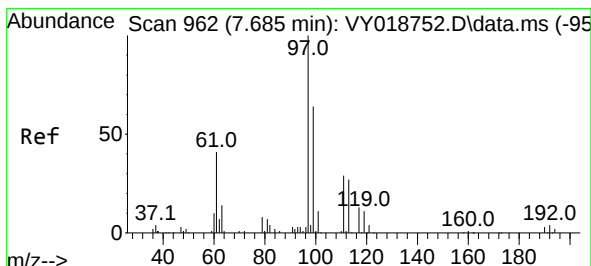
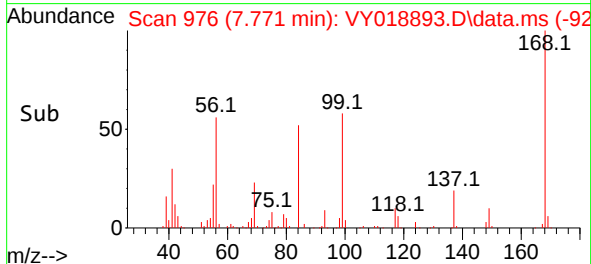
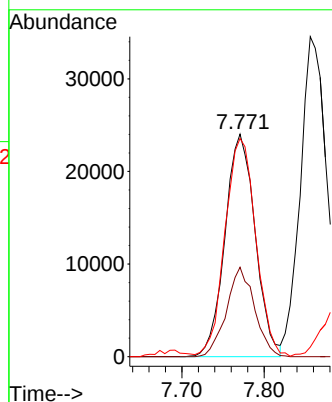
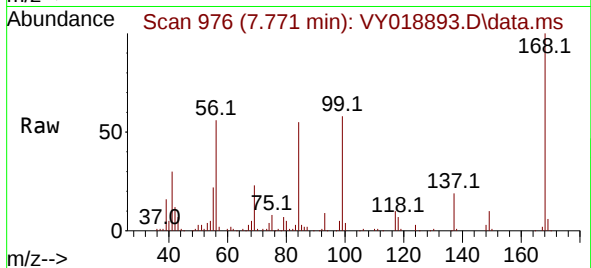




#31
Cyclohexane
Concen: 39.905 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

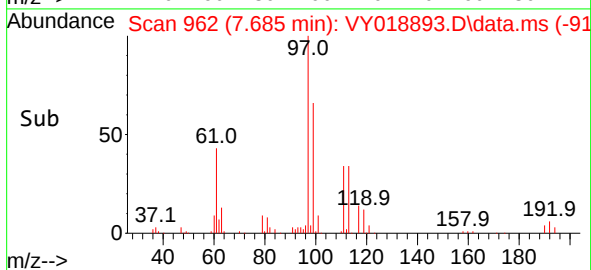
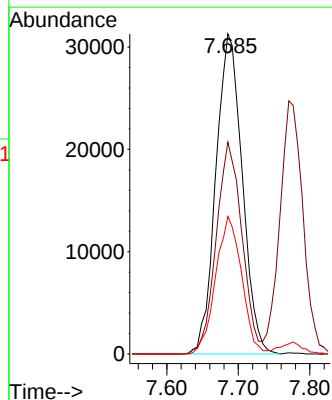
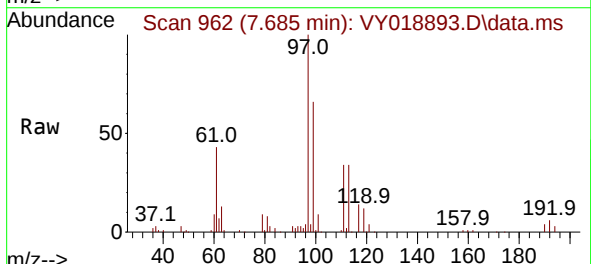
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

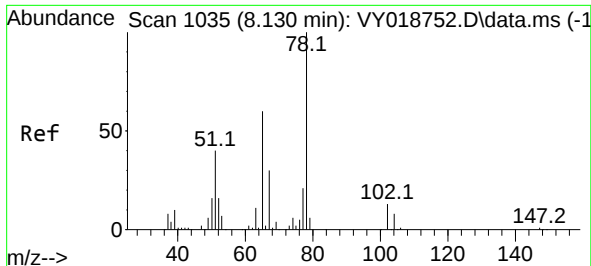
Tgt Ion: 56 Resp: 61424
Ion Ratio Lower Upper
56 100
69 40.2 28.7 43.1
84 96.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.734 ug/l
RT: 7.685 min Scan# 962
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 97 Resp: 80221
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 42.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.555 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

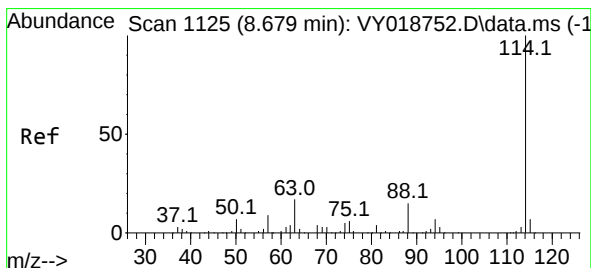
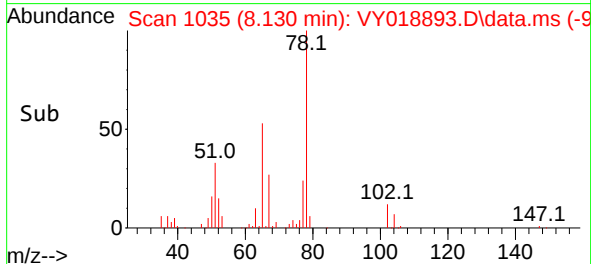
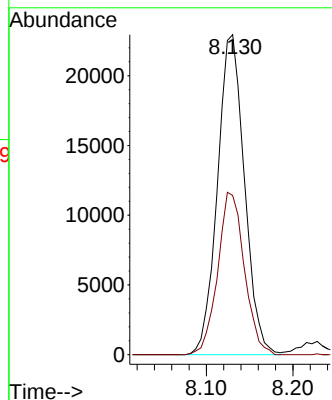
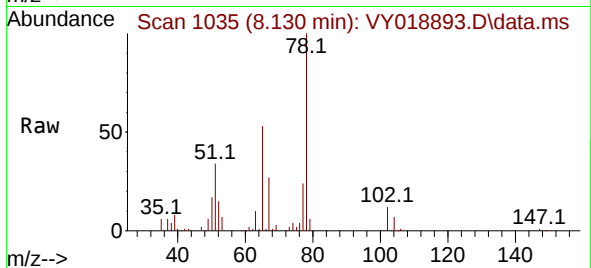
VSTDCCC050EC

Tgt Ion: 65 Resp: 49650

Ion Ratio Lower Upper

65 100

67 50.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

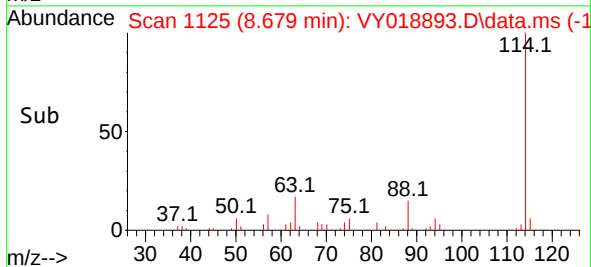
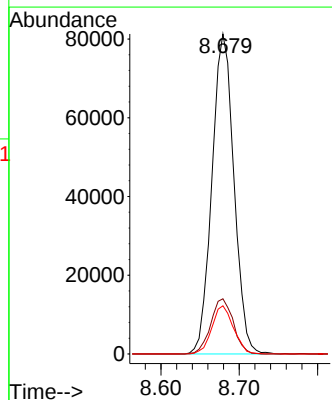
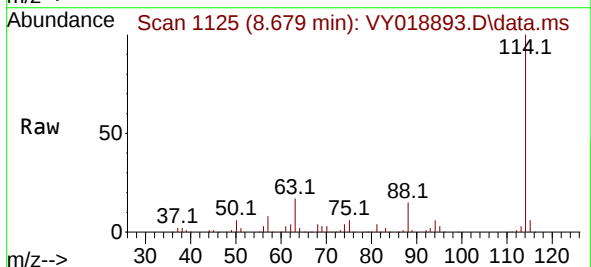
Tgt Ion: 114 Resp: 158549

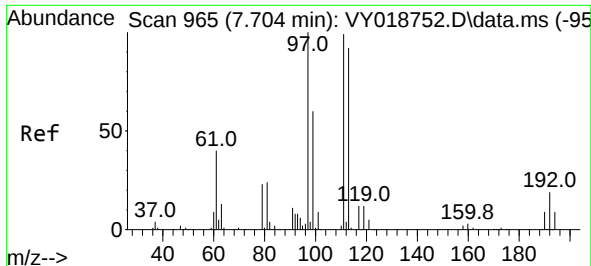
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 15.0 0.0 27.2

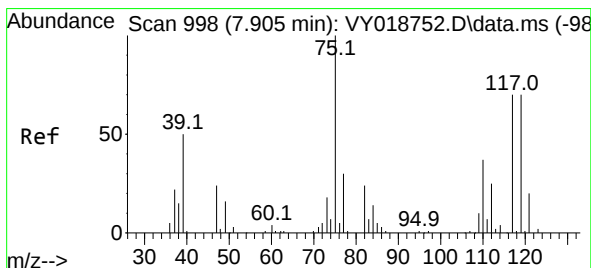
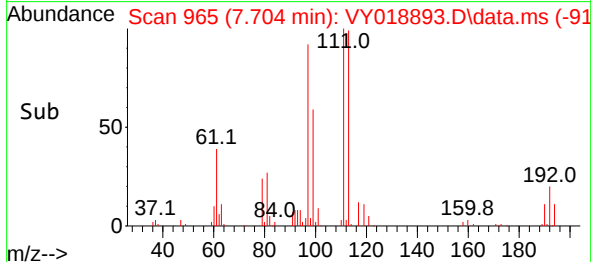
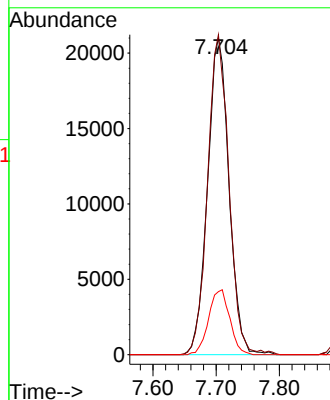
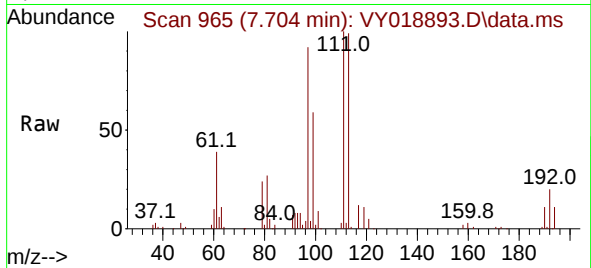




#35
Dibromofluoromethane
Concen: 49.807 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

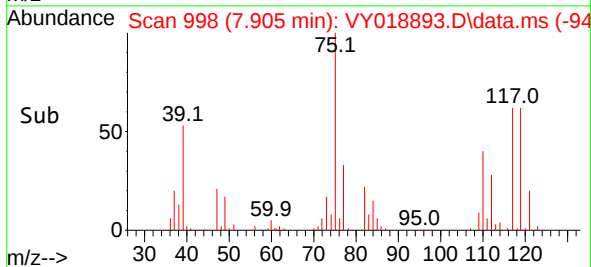
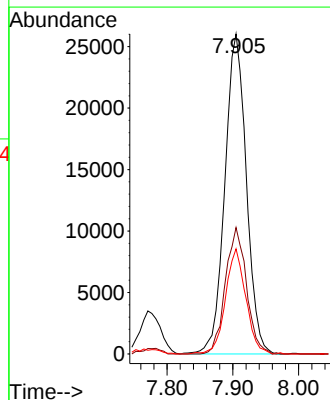
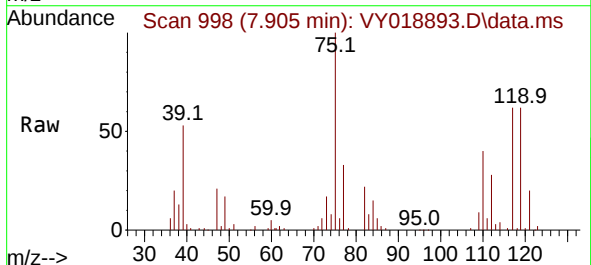
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

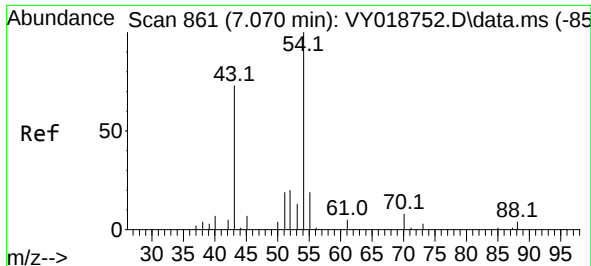
Tgt Ion:113 Resp: 49460
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 43.243 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 75 Resp: 59260
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 31.1 25.3 37.9

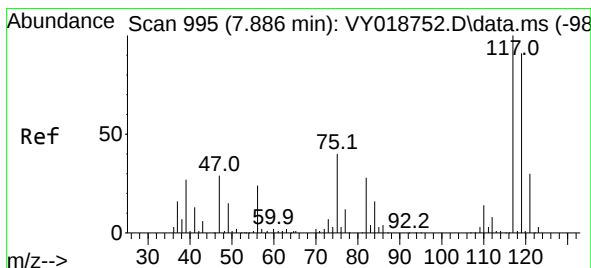
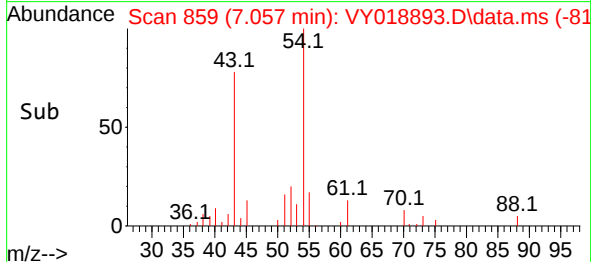
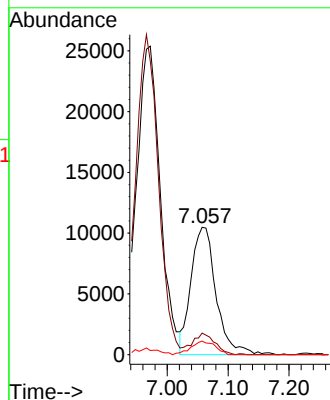
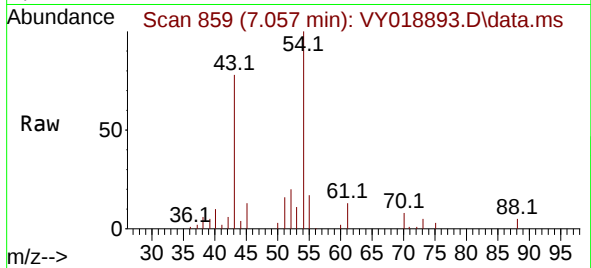




#37
Ethyl Acetate
Concen: 52.700 ug/l
RT: 7.057 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

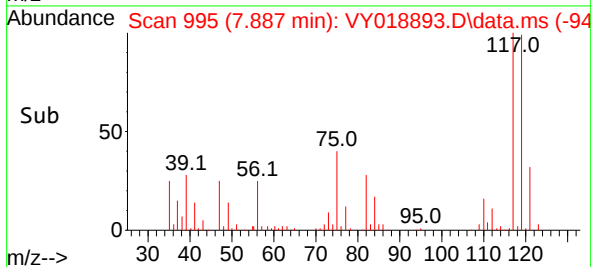
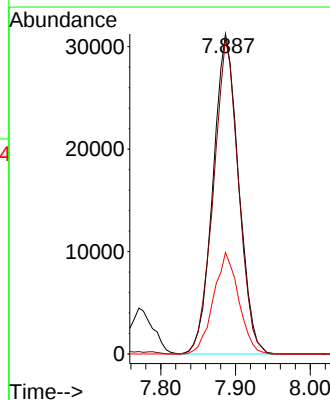
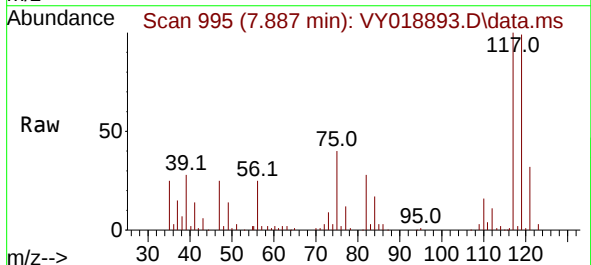
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

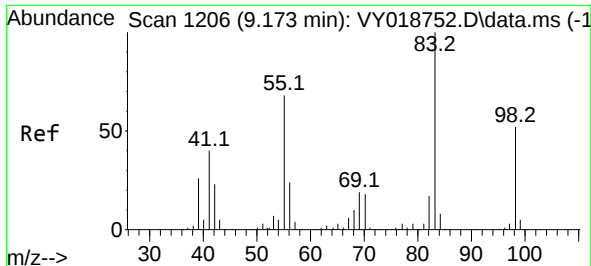
Tgt Ion: 43 Resp: 30019
Ion Ratio Lower Upper
43 100
61 14.7 12.6 19.0
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 44.932 ug/l
RT: 7.887 min Scan# 995
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 117 Resp: 74162
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 31.7 24.0 36.0





#39

Methylcyclohexane

Concen: 43.494 ug/l

RT: 9.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

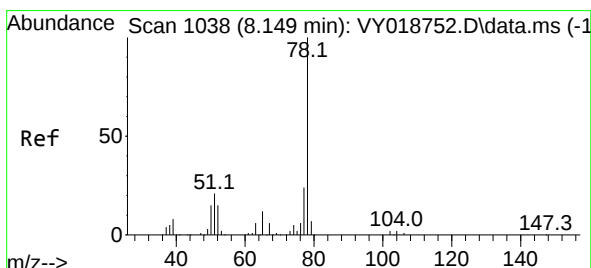
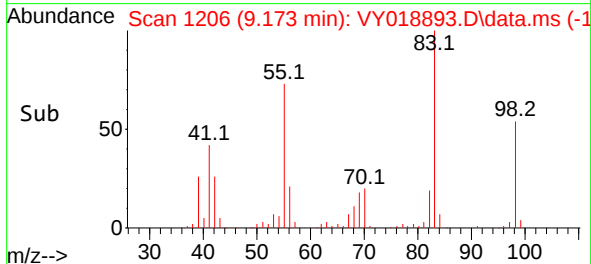
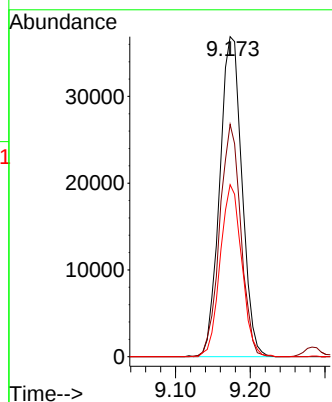
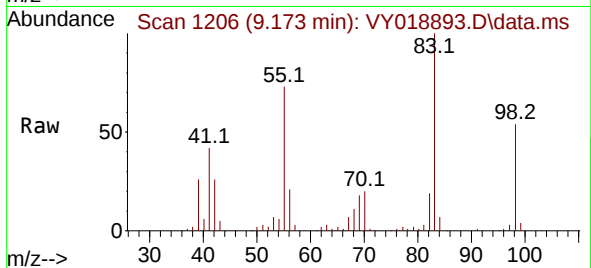
Tgt Ion: 83 Resp: 76383

Ion Ratio Lower Upper

83 100

55 72.6 51.5 77.3

98 53.7 40.5 60.7



#40

Benzene

Concen: 45.634 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY018893.D

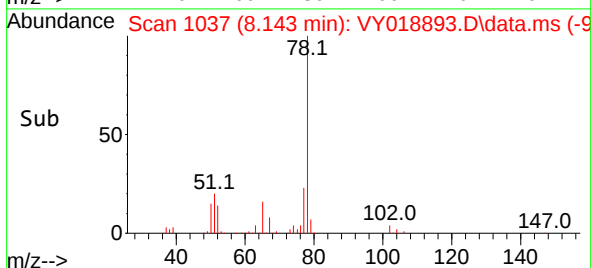
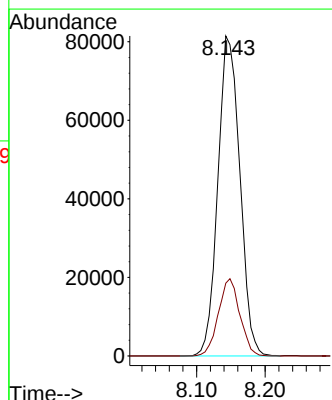
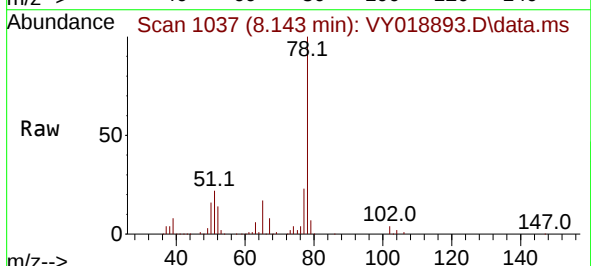
Acq: 22 Jul 2024 17:36

Tgt Ion: 78 Resp: 181416

Ion Ratio Lower Upper

78 100

77 22.7 19.5 29.3

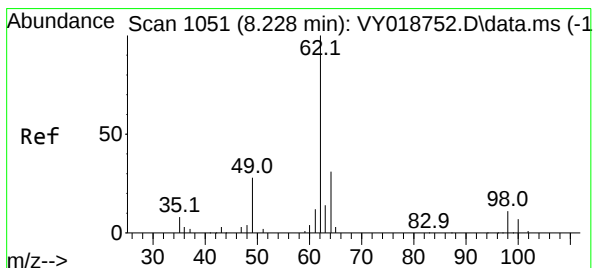
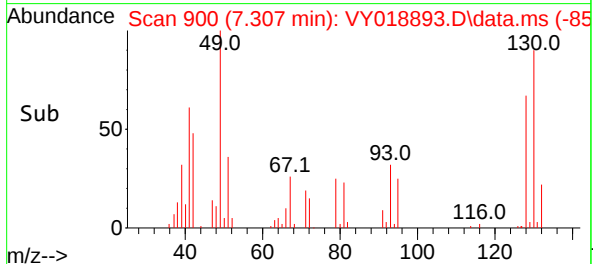
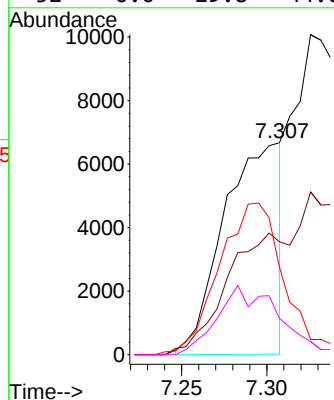
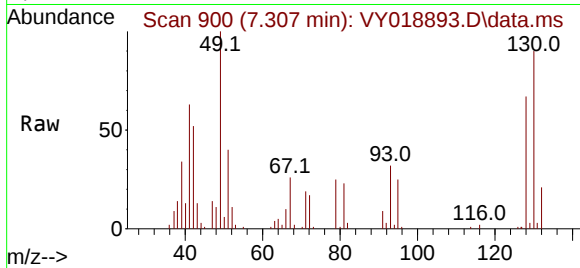




#41
Methacrylonitrile
Concen: 48.106 ug/l m
RT: 7.307 min Scan# 904
Delta R.T. -0.025 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

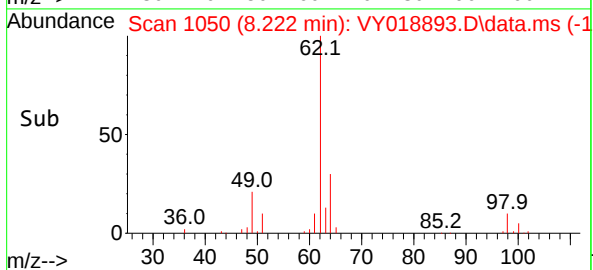
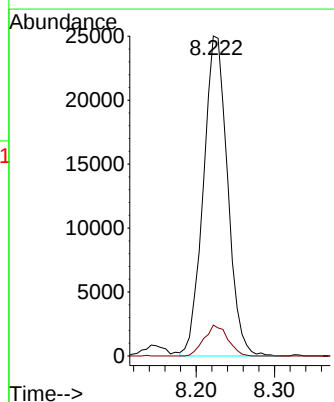
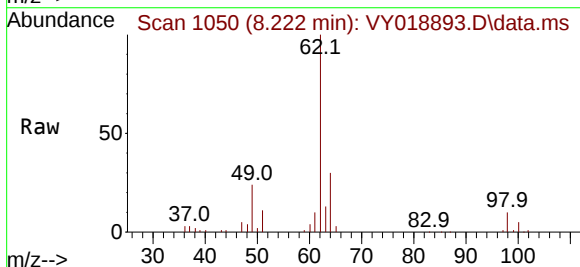
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

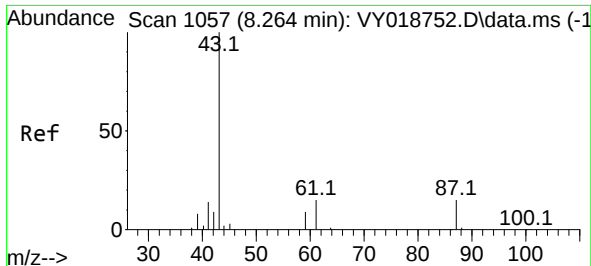
Tgt Ion: 41 Resp: 15623
Ion Ratio Lower Upper
41 100
39 70.2 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 48.261 ug/l
RT: 8.222 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 62 Resp: 53716
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

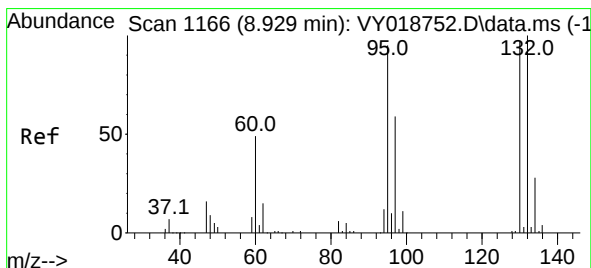
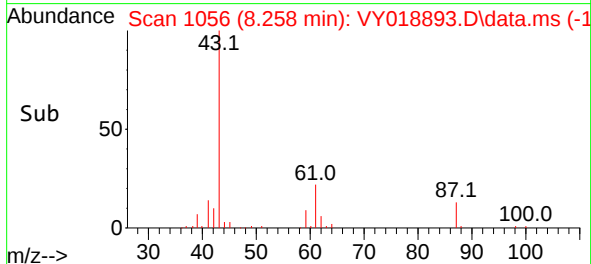
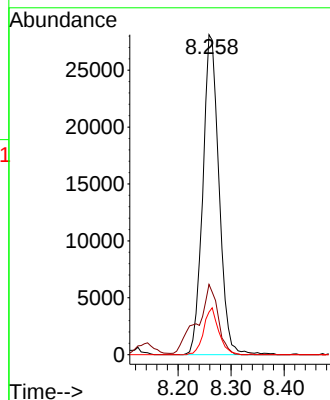
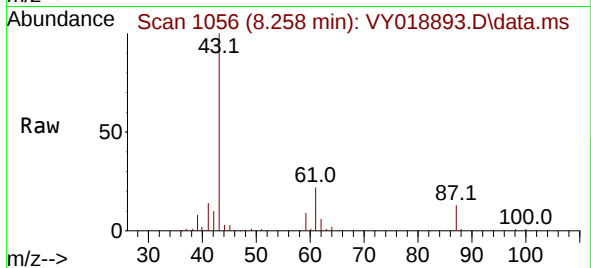




#43
Isopropyl Acetate
Concen: 52.653 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

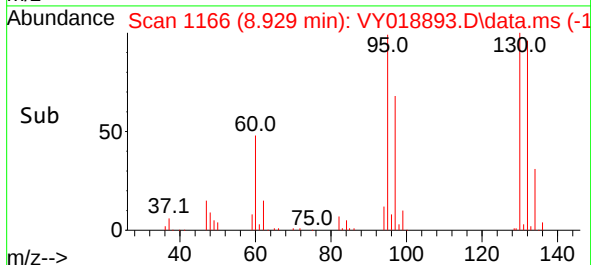
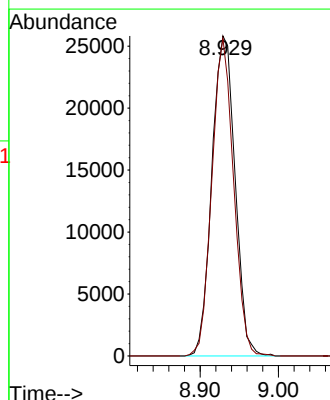
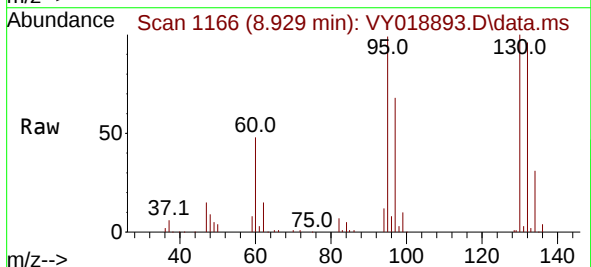
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

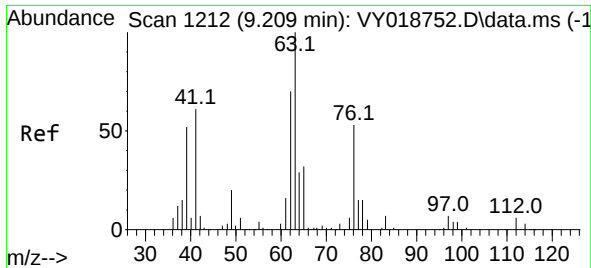
Tgt Ion: 43 Resp: 59680
Ion Ratio Lower Upper
43 100
61 28.3 27.9 41.9
87 13.5 13.1 19.7



#44
Trichloroethene
Concen: 46.712 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion:130 Resp: 53082
Ion Ratio Lower Upper
130 100
95 99.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.963 ug/l

RT: 9.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

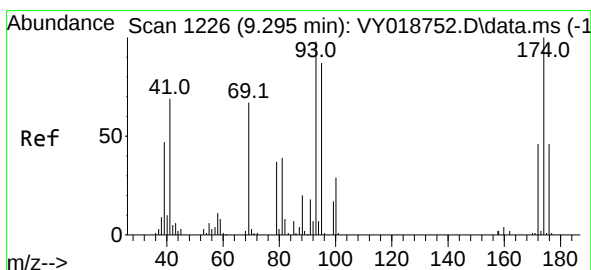
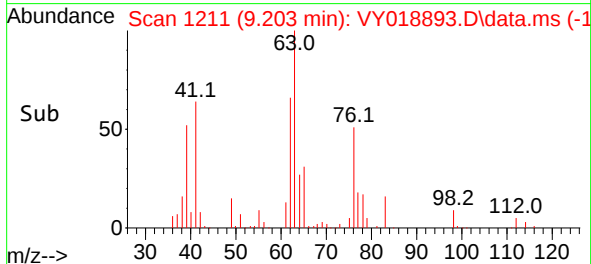
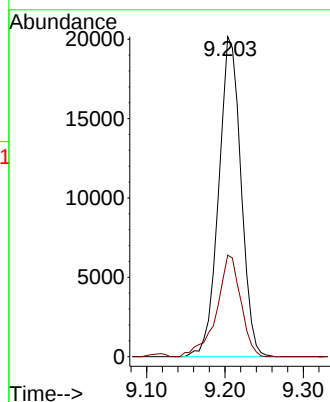
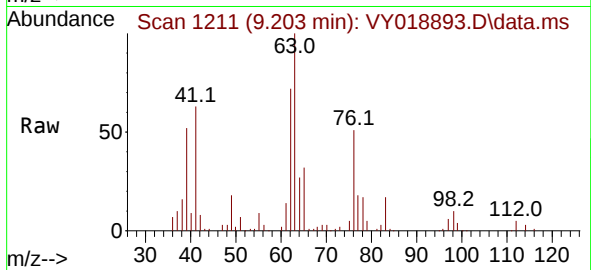
VSTDCCC050EC

Tgt Ion: 63 Resp: 39790

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 48.752 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

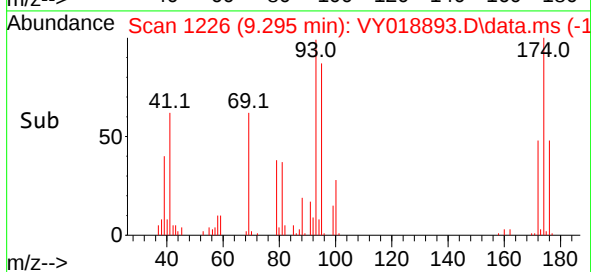
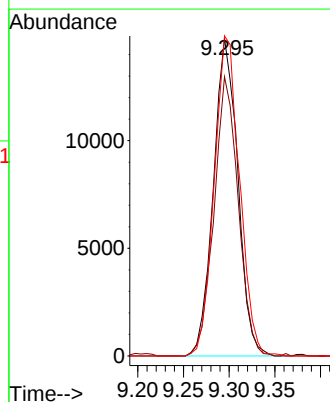
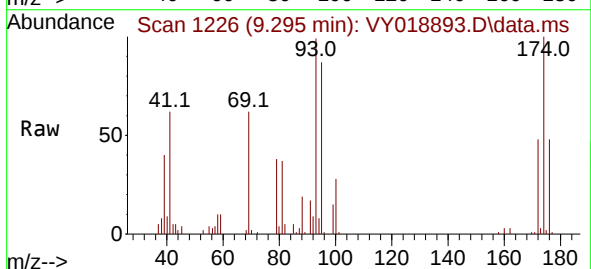
Tgt Ion: 93 Resp: 27356

Ion Ratio Lower Upper

93 100

95 87.2 66.2 99.4

174 104.3 80.9 121.3

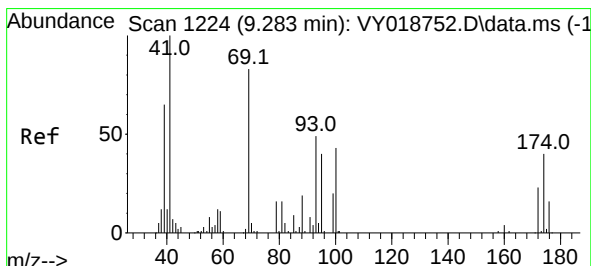
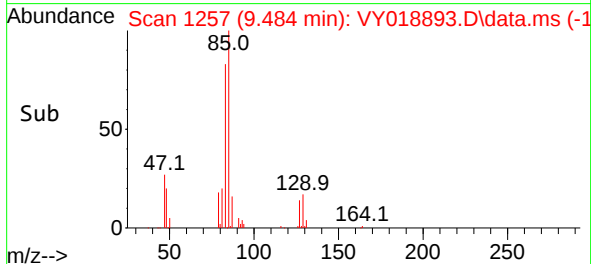
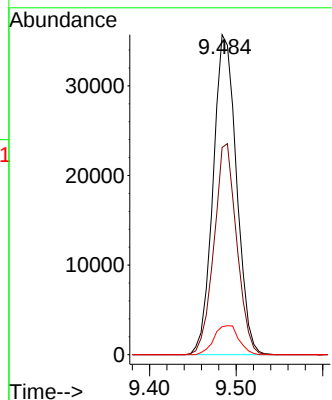
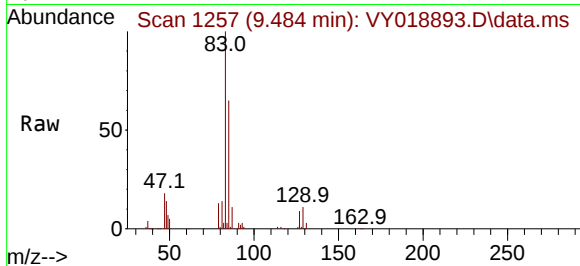




#47
Bromodichloromethane
Concen: 47.797 ug/l
RT: 9.484 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

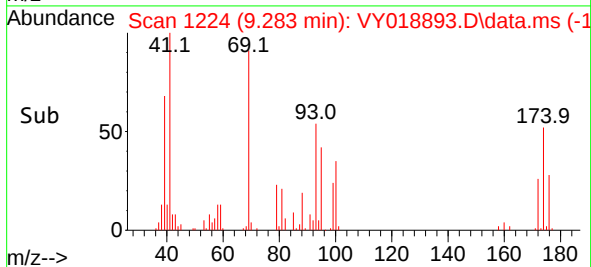
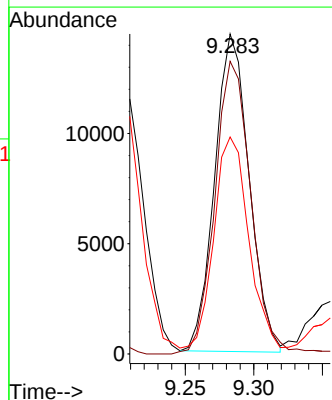
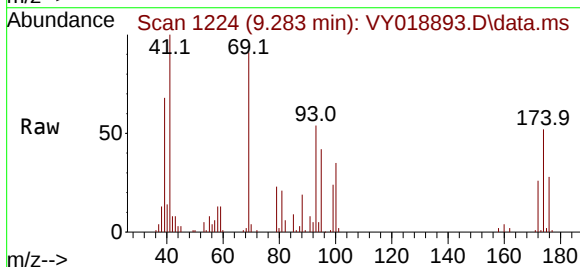
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

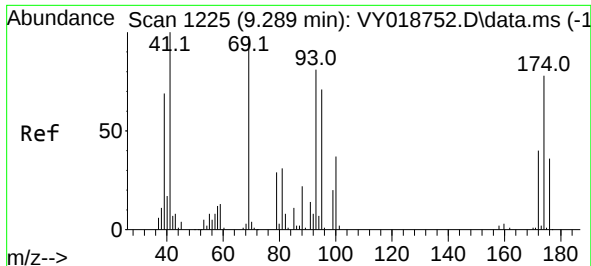
Tgt Ion: 83 Resp: 67002
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 48.868 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 41 Resp: 25176
Ion Ratio Lower Upper
41 100
69 96.6 84.1 126.1
39 67.0 43.6 65.4#





#49

1,4-Dioxane

Concen: 1002.932 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

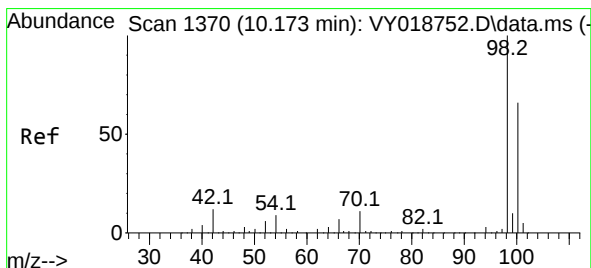
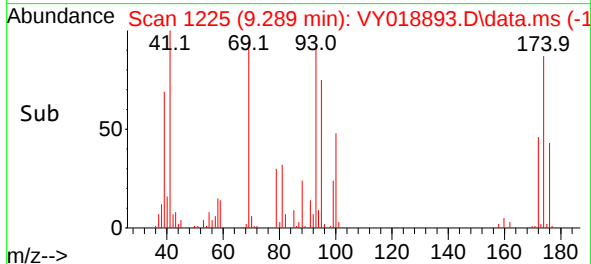
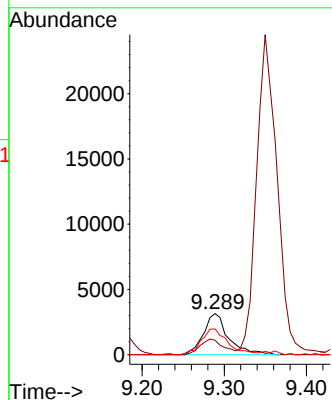
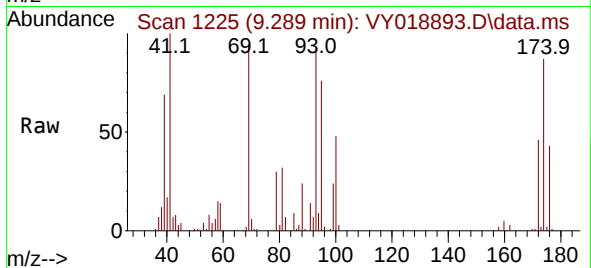
Tgt Ion: 88 Resp: 6597

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 67.4 49.3 73.9



#50

Toluene-d8

Concen: 46.776 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018893.D

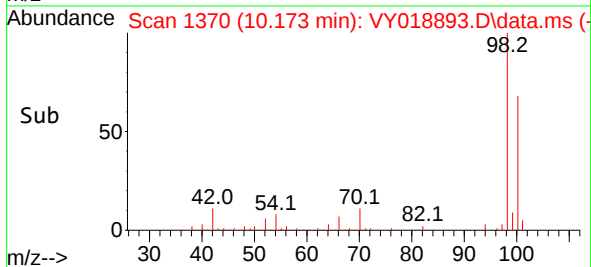
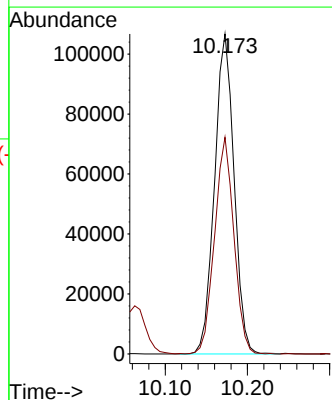
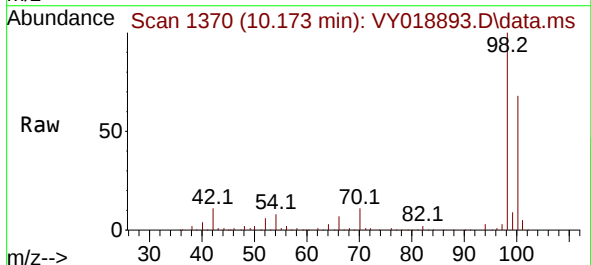
Acq: 22 Jul 2024 17:36

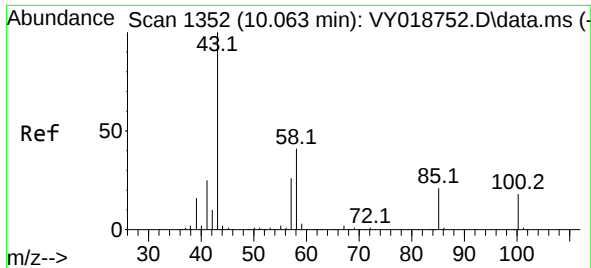
Tgt Ion: 98 Resp: 175980

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0

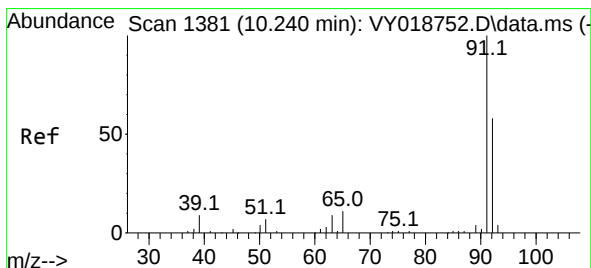
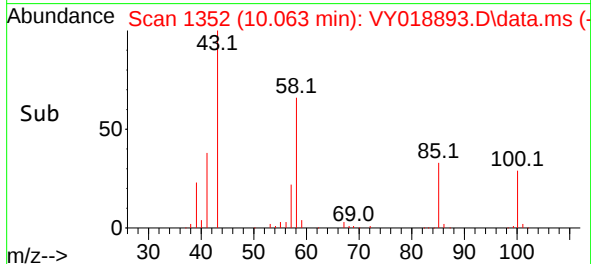
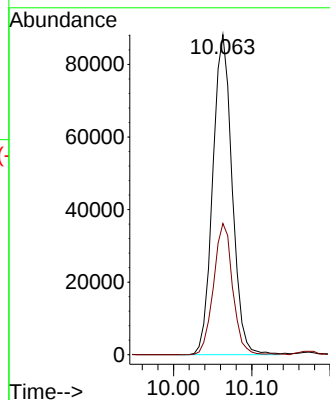
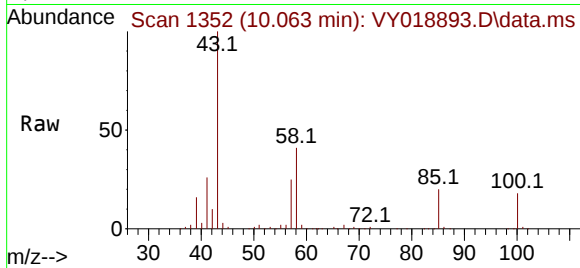




#51
4-Methyl-2-Pentanone
Concen: 261.759 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

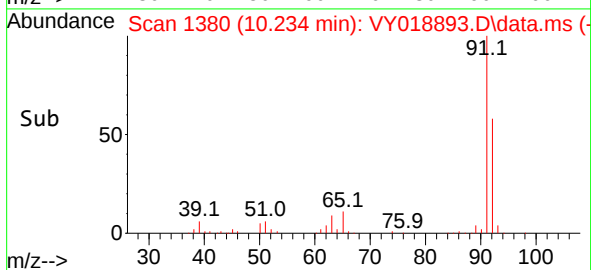
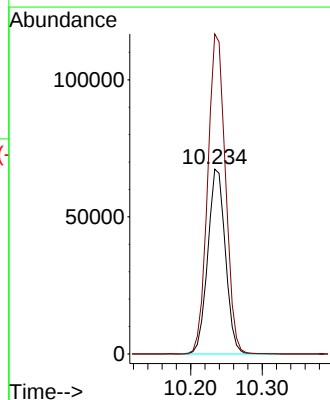
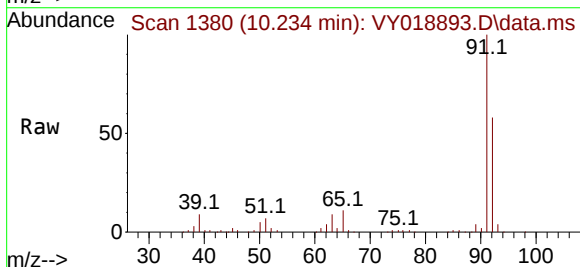
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

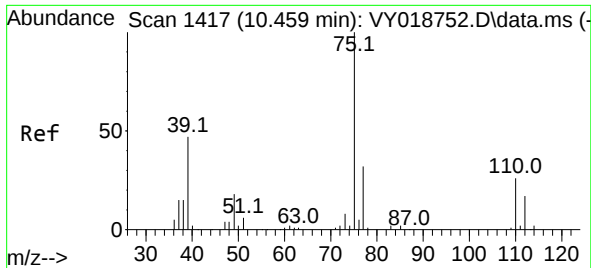
Tgt Ion: 43 Resp: 151478
Ion Ratio Lower Upper
43 100
58 40.4 35.7 53.5



#52
Toluene
Concen: 43.651 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 92 Resp: 115339
Ion Ratio Lower Upper
92 100
91 174.8 139.0 208.6

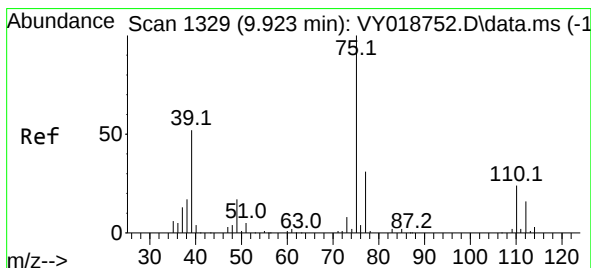
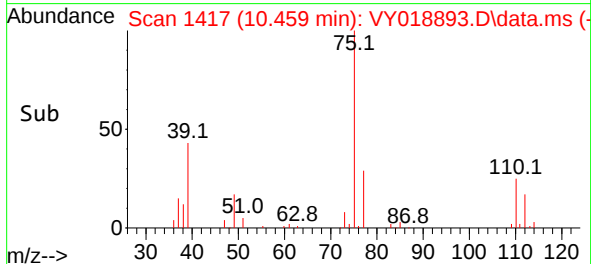
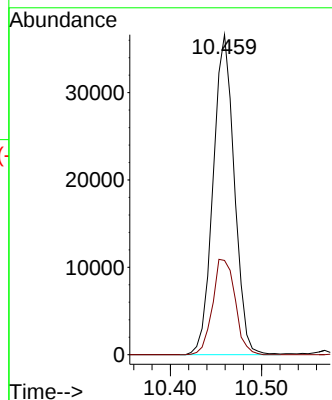
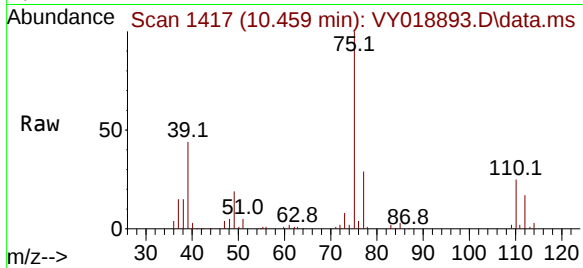




#53
t-1,3-Dichloropropene
Concen: 48.720 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

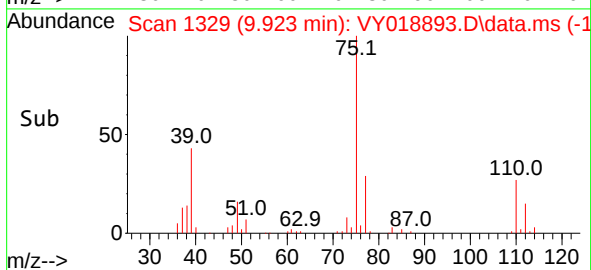
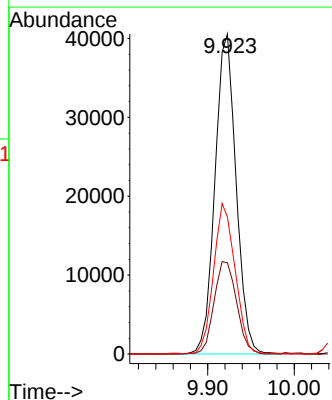
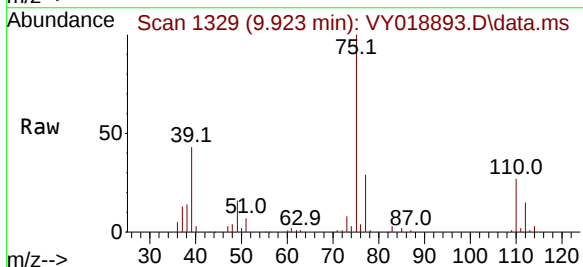
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

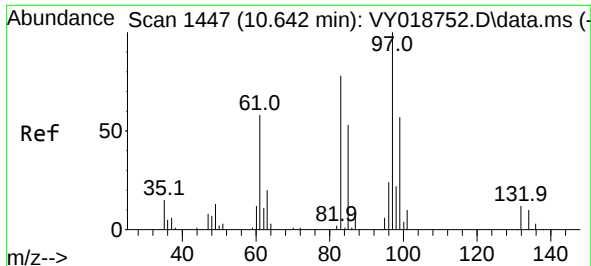
Tgt Ion: 75 Resp: 58967
Ion Ratio Lower Upper
75 100
77 29.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.371 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 75 Resp: 68682
Ion Ratio Lower Upper
75 100
77 28.5 25.4 38.0
39 42.6 29.8 44.6

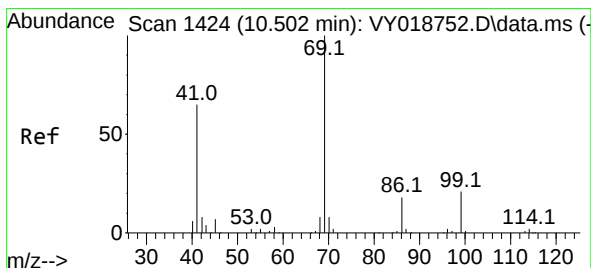
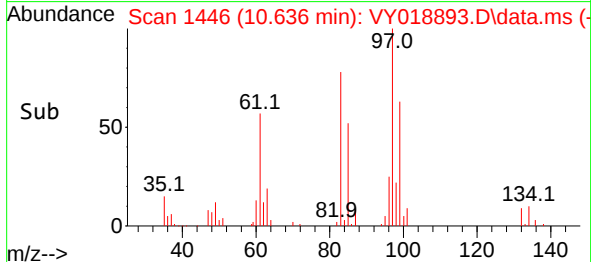
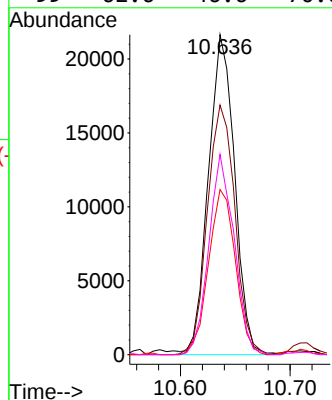
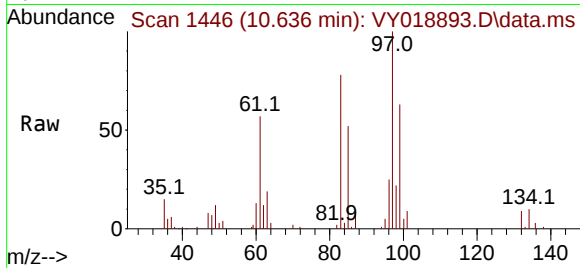




#55
1,1,2-Trichloroethane
Concen: 50.619 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

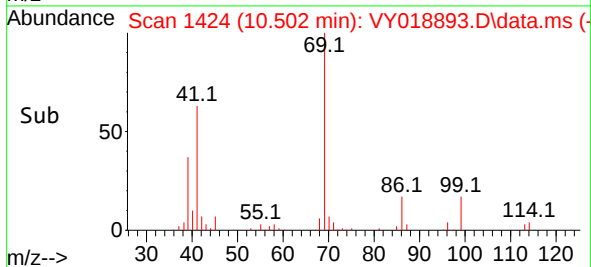
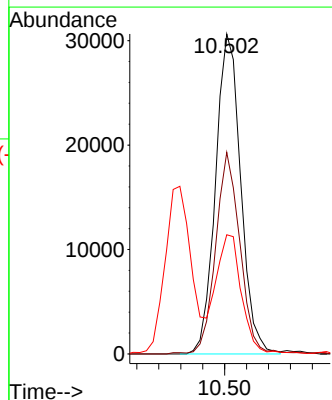
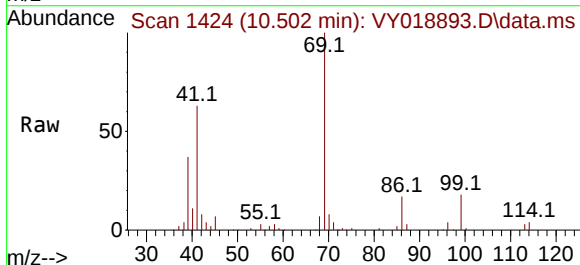
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 35968
Ion Ratio	Lower Upper
97 100	
83 77.7	67.5 101.3
85 51.6	42.9 64.3
99 62.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 52.335 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 69	Resp: 48960		
Ion Ratio	Lower	Upper	
69 100			
41 61.1	42.3	63.5	
39 36.9	22.9	34.3	#





#57

1,3-Dichloropropane

Concen: 48.053 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

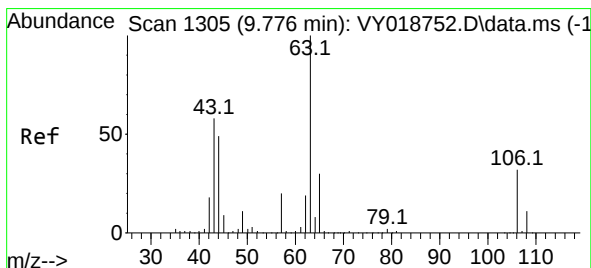
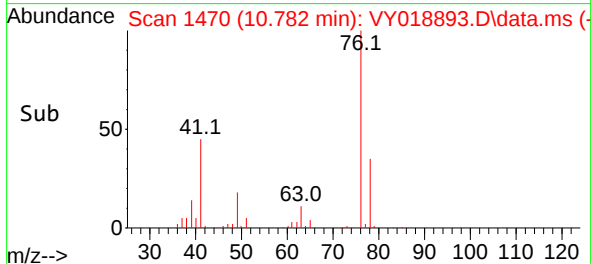
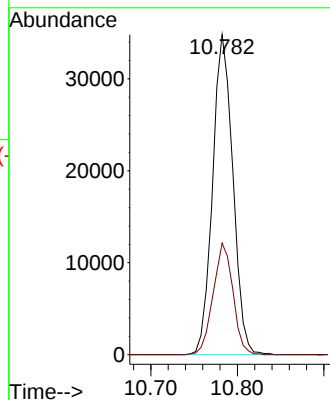
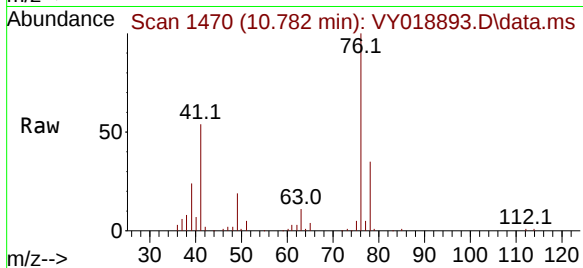
VSTDCCC050EC

Tgt Ion: 76 Resp: 56602

Ion Ratio Lower Upper

76 100

78 34.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 278.410 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018893.D

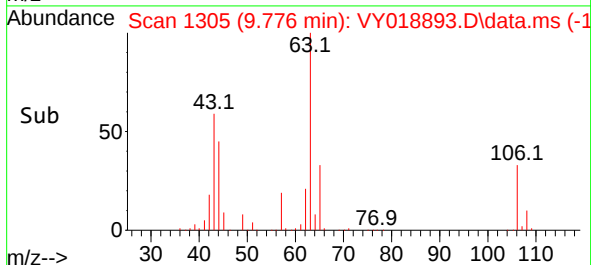
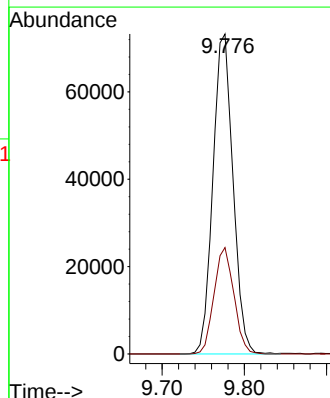
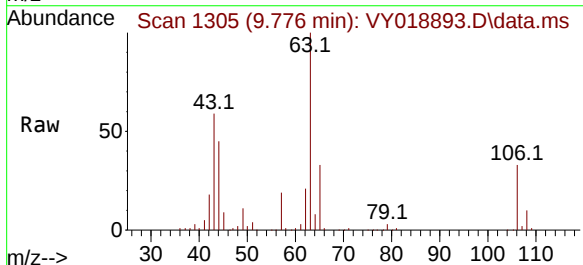
Acq: 22 Jul 2024 17:36

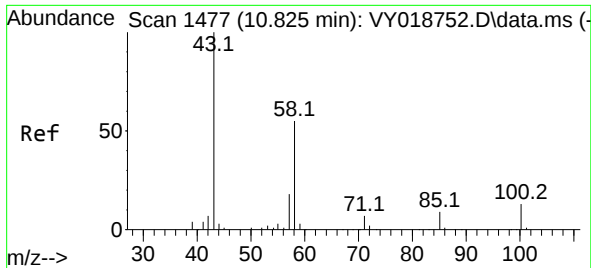
Tgt Ion: 63 Resp: 124433

Ion Ratio Lower Upper

63 100

106 32.9 23.7 35.5

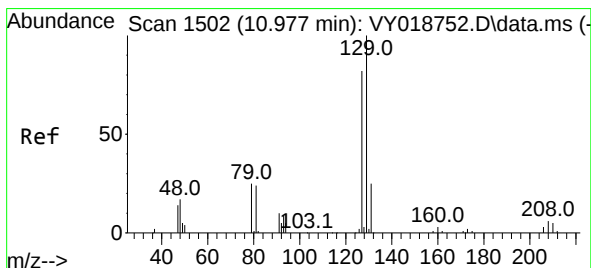
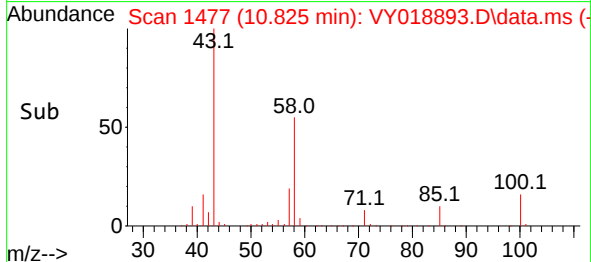
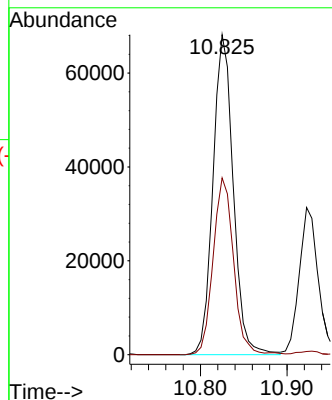
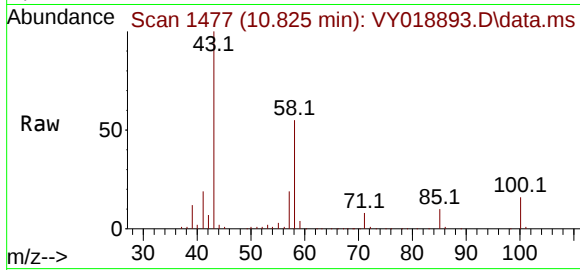




#59
2-Hexanone
Concen: 273.758 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

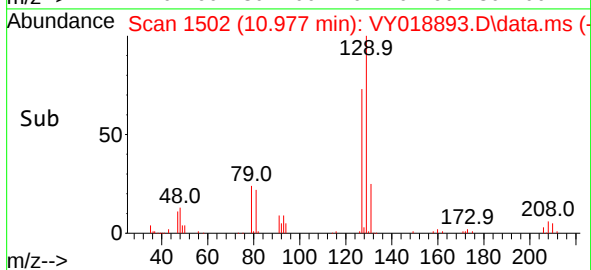
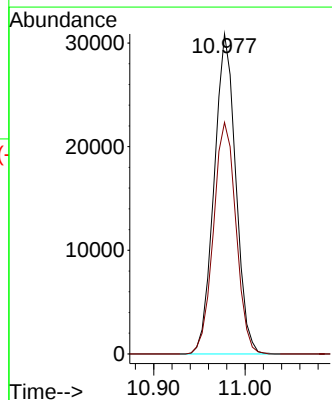
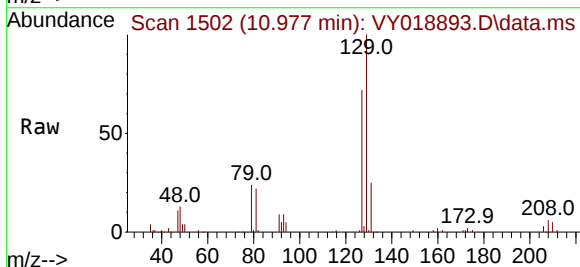
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

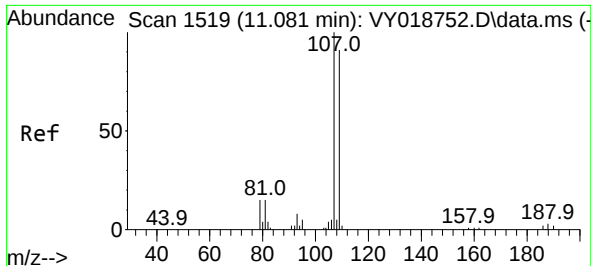
Tgt Ion: 43 Resp: 110831
Ion Ratio Lower Upper
43 100
58 55.7 31.4 94.0



#60
Dibromochloromethane
Concen: 51.933 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 129 Resp: 50703
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0

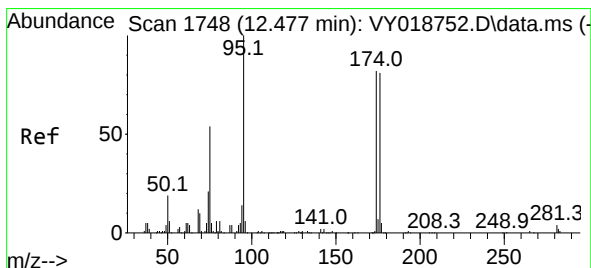
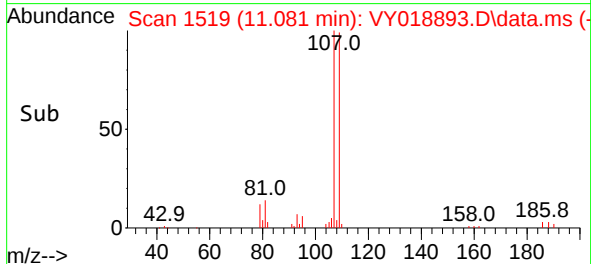
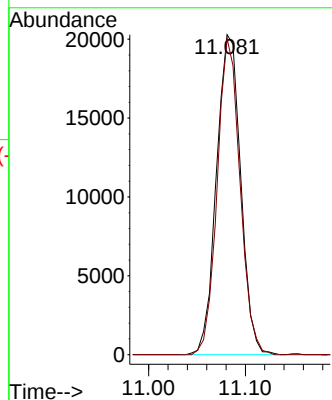
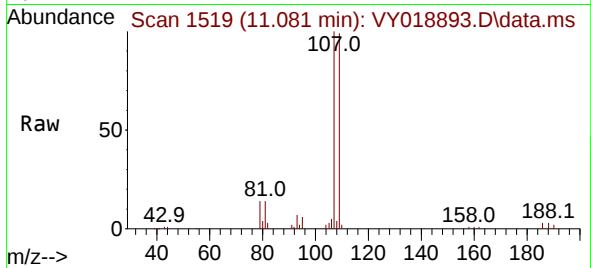




#61
1,2-Dibromoethane
Concen: 51.013 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

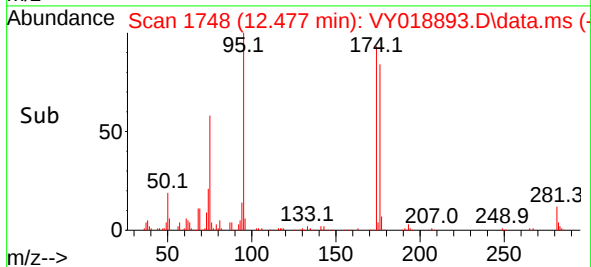
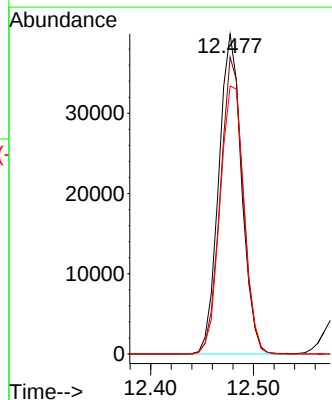
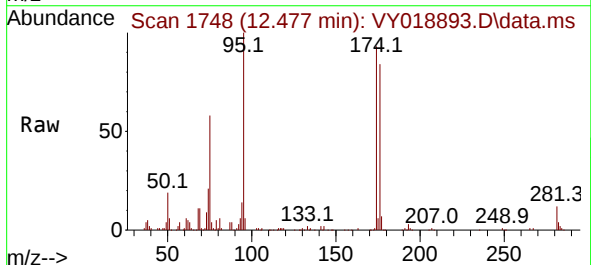
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

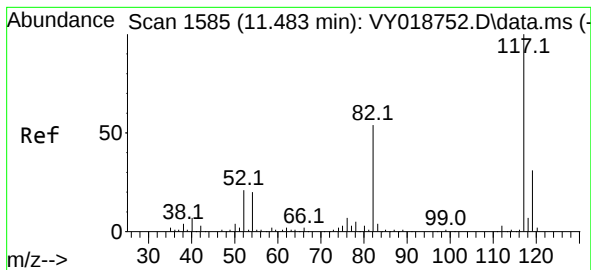
Tgt Ion:107 Resp: 35240
Ion Ratio Lower Upper
107 100
109 92.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.944 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 95 Resp: 61598
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 87.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

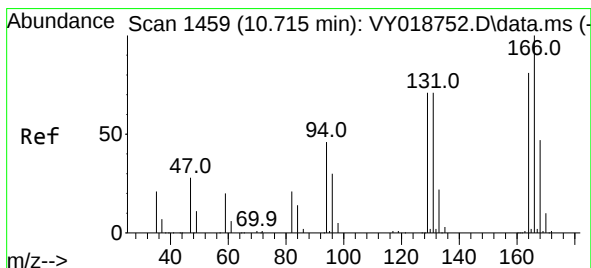
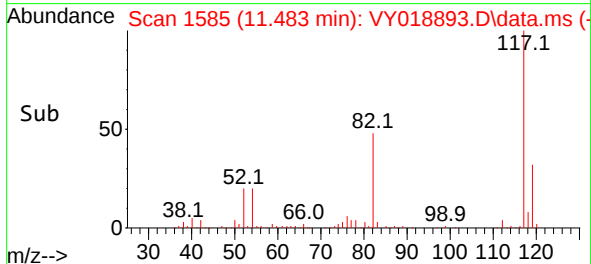
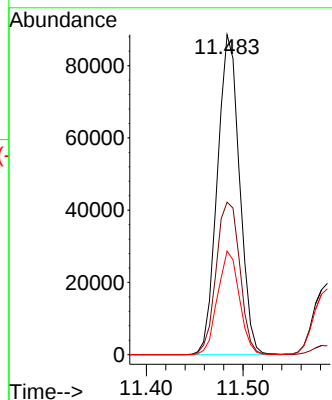
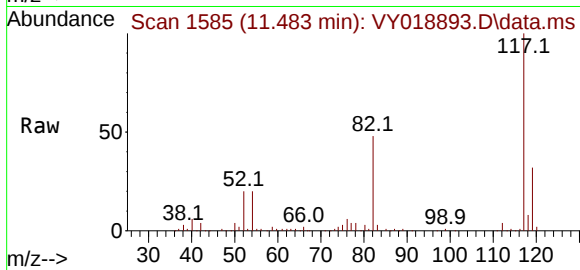
Tgt Ion:117 Resp: 141152

Ion Ratio Lower Upper

117 100

82 47.6 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 46.786 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Tgt Ion:164 Resp: 53454

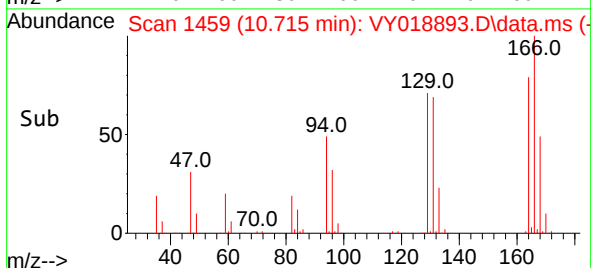
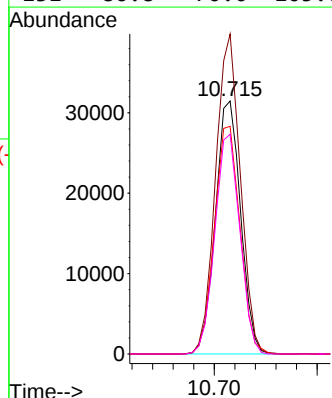
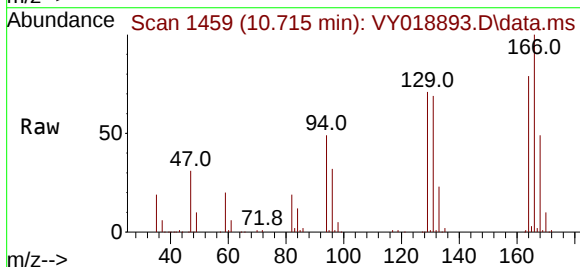
Ion Ratio Lower Upper

164 100

166 126.5 102.6 154.0

129 90.0 72.0 108.0

131 86.8 70.0 105.0





#65

Chlorobenzene

Concen: 45.618 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

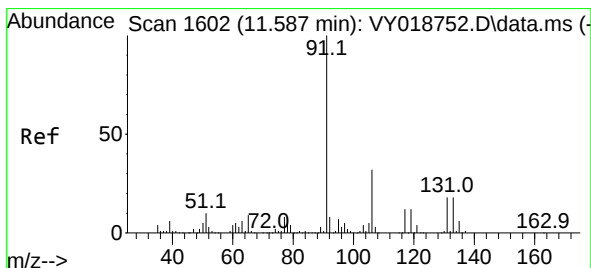
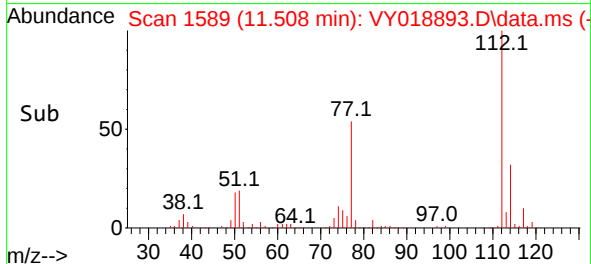
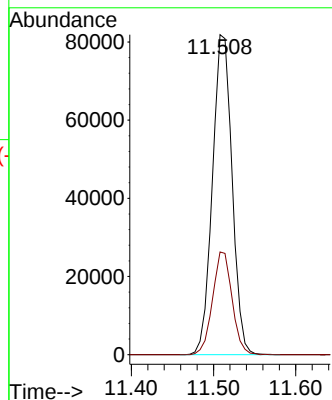
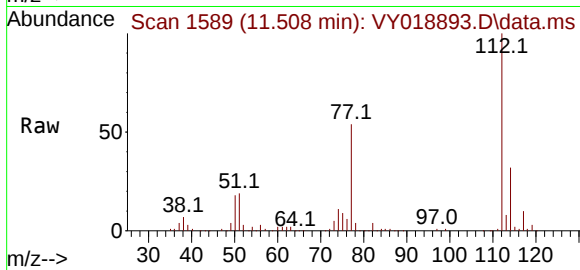
VSTDCCC050EC

Tgt Ion:112 Resp: 135832

Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.357 ug/l

RT: 11.581 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

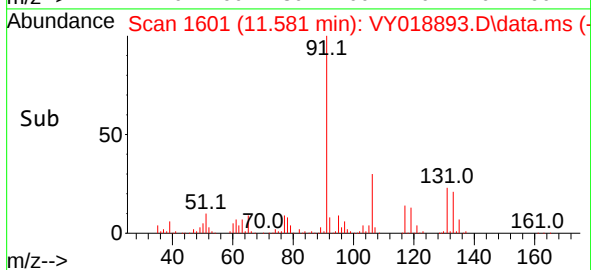
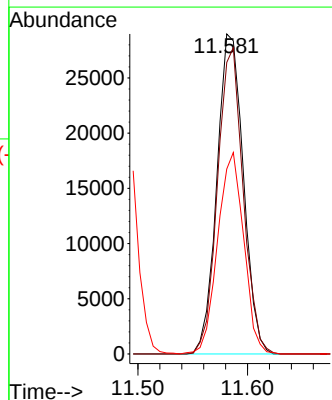
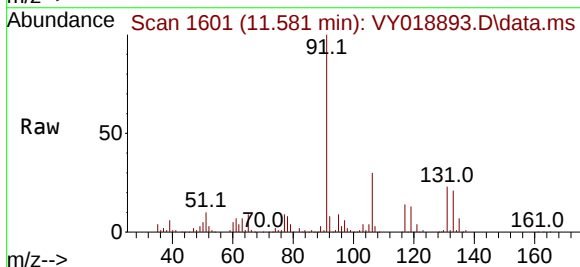
Tgt Ion:131 Resp: 48584

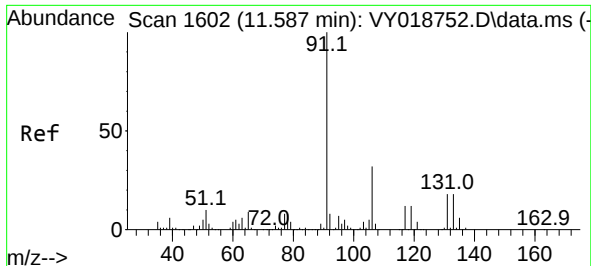
Ion Ratio Lower Upper

131 100

133 92.6 47.8 143.3

119 62.0 34.1 102.2





#67

Ethyl Benzene

Concen: 43.979 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

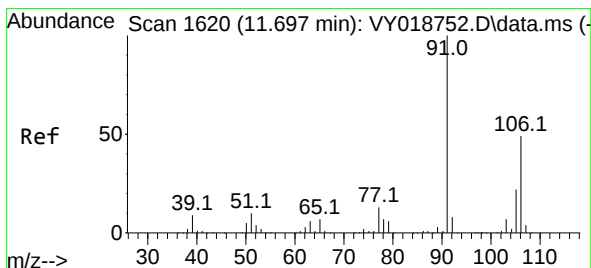
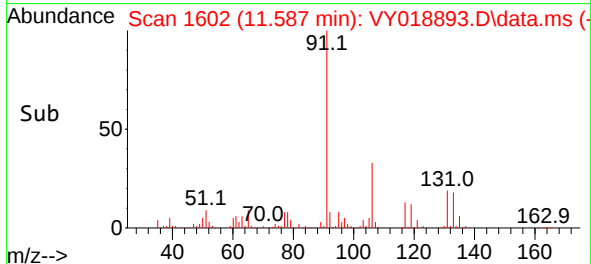
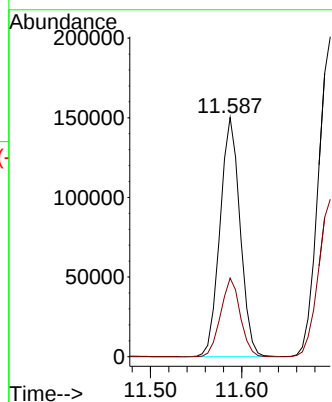
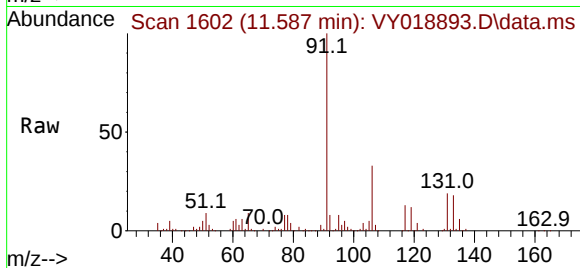
VSTDCCC050EC

Tgt Ion: 91 Resp: 229407

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 87.799 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018893.D

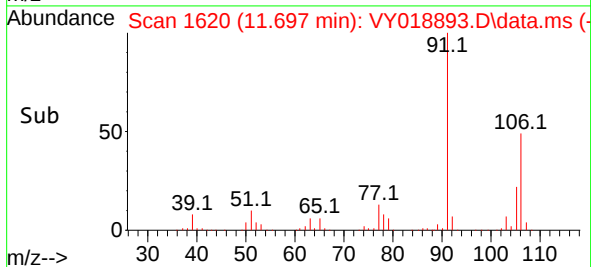
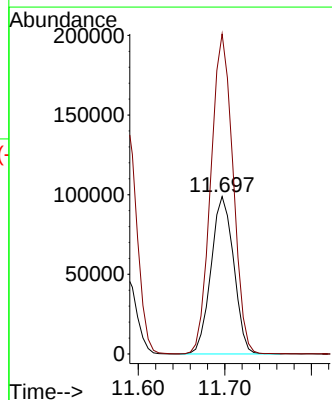
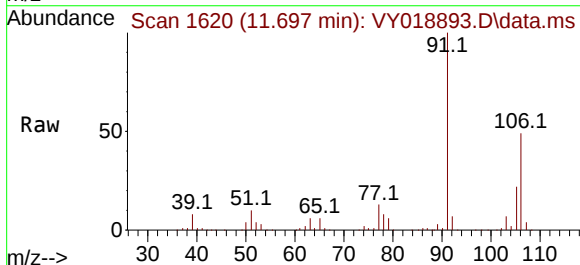
Acq: 22 Jul 2024 17:36

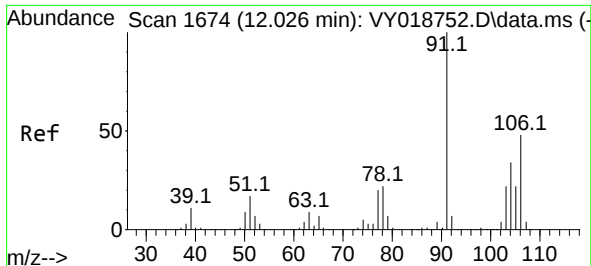
Tgt Ion: 106 Resp: 179721

Ion Ratio Lower Upper

106 100

91 199.1 156.0 234.0

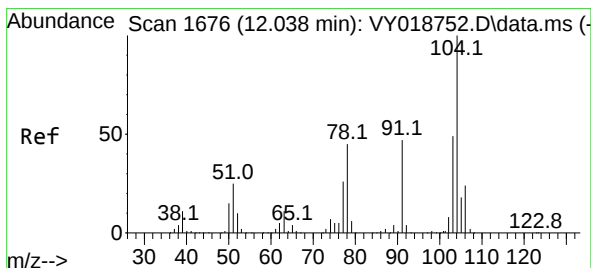
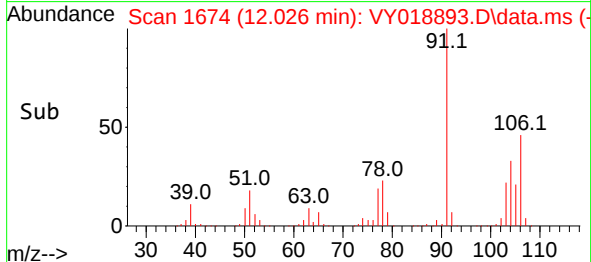
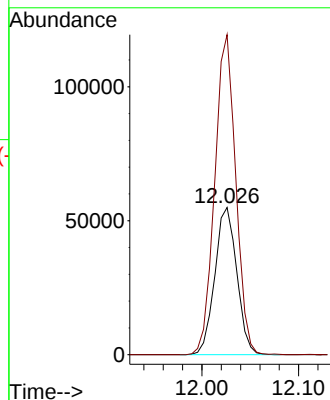
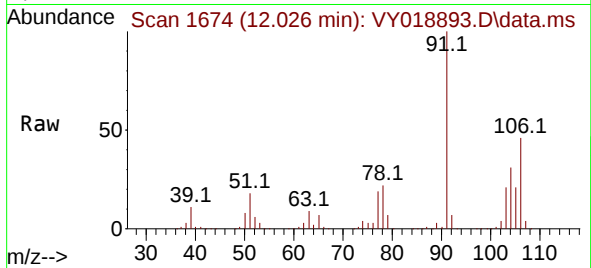




#69
o-Xylene
Concen: 45.013 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

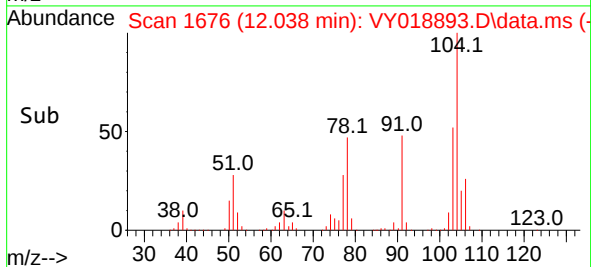
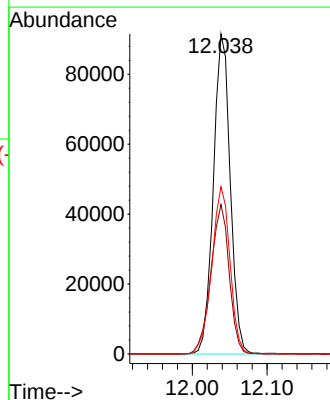
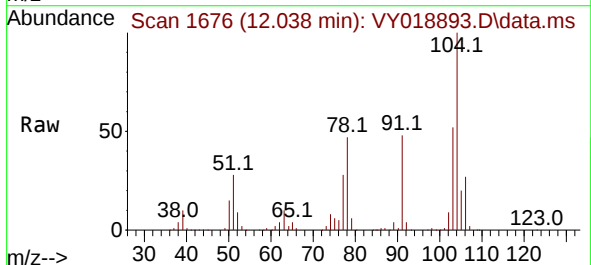
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 86624
Ion Ratio Lower Upper
106 100
91 208.0 103.6 310.8



#70
Styrene
Concen: 44.745 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion:104 Resp: 143677
Ion Ratio Lower Upper
104 100
78 50.6 37.0 55.4
103 56.3 44.2 66.2





#71

Bromoform

Concen: 51.275 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

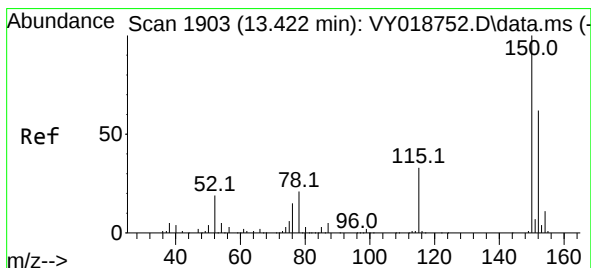
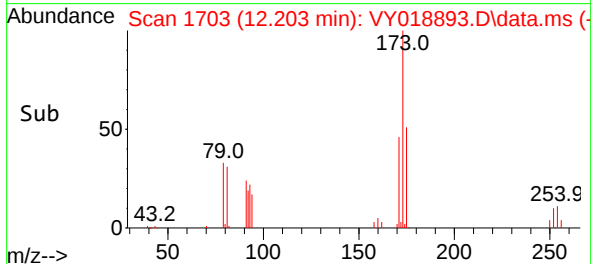
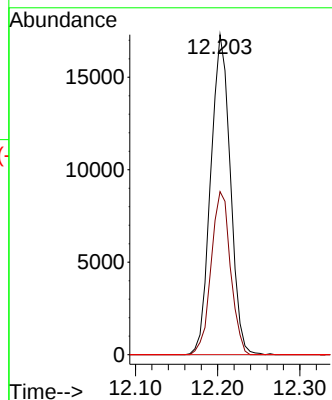
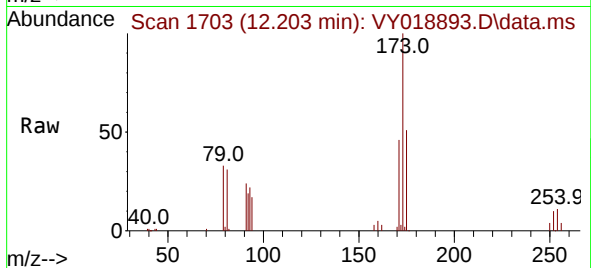
Tgt Ion:173 Resp: 28673

Ion Ratio Lower Upper

173 100

175 50.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

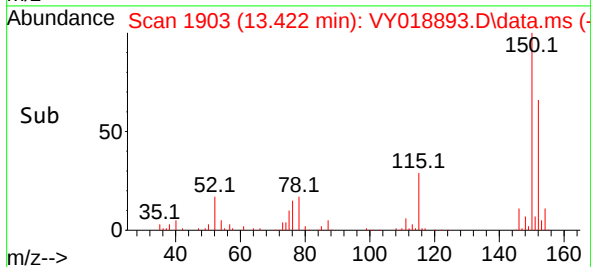
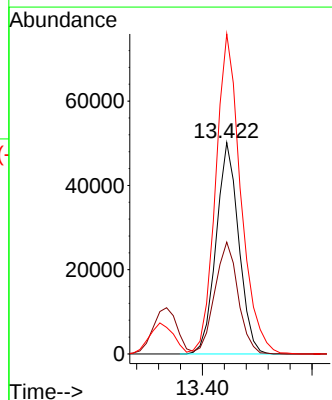
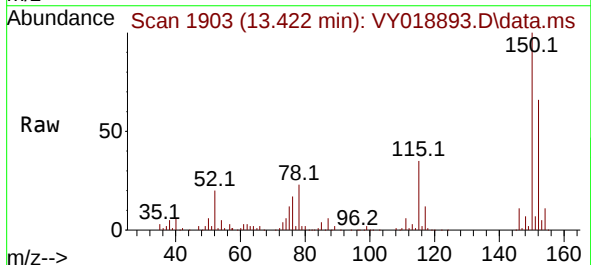
Tgt Ion:152 Resp: 71782

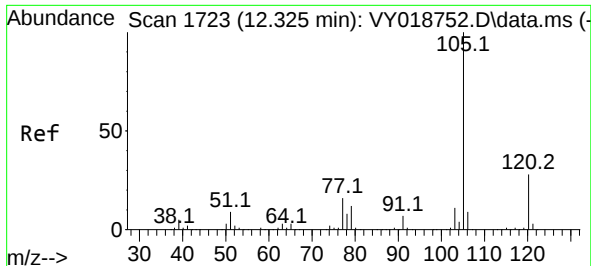
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 168.1 0.0 345.6

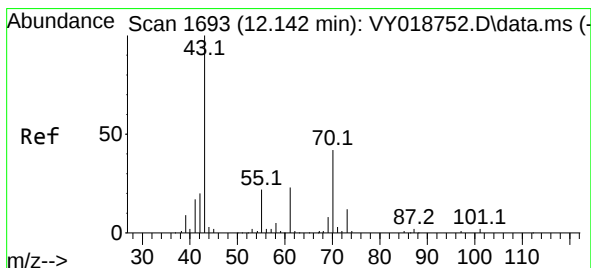
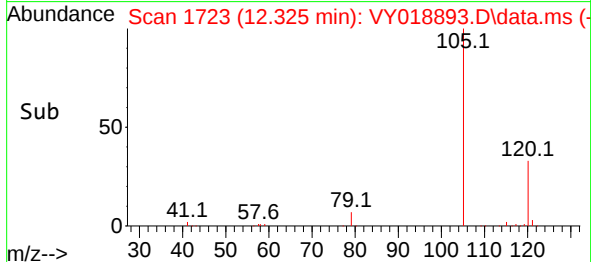
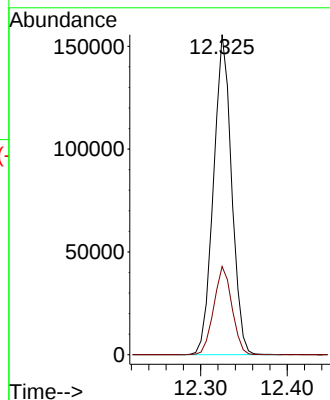
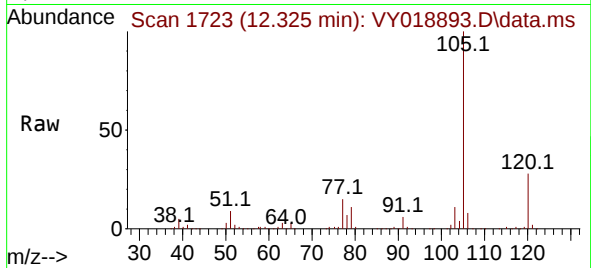




#73
Isopropylbenzene
Concen: 42.974 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

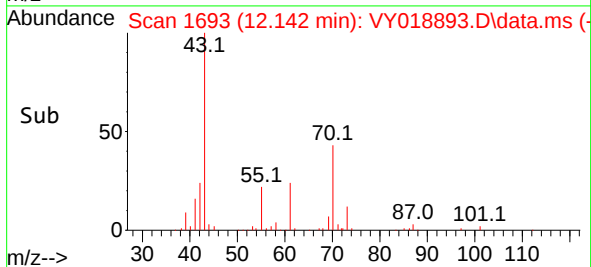
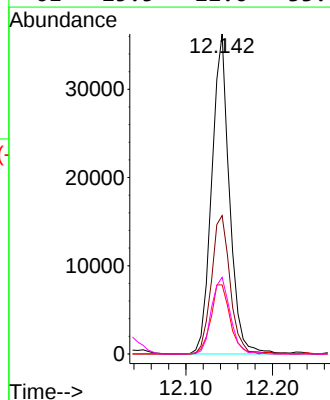
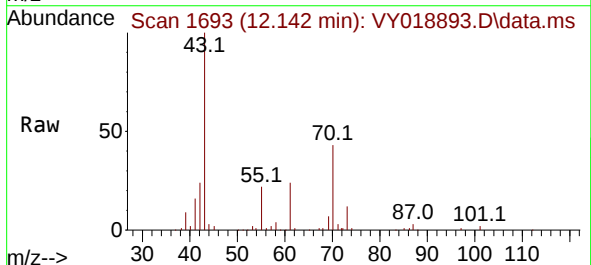
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

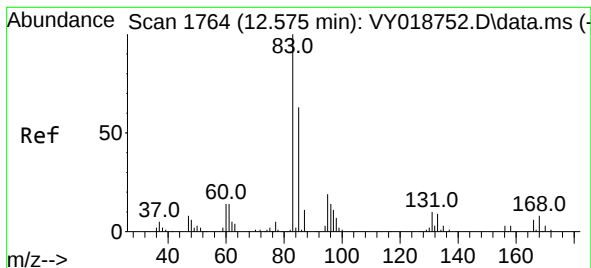
Tgt Ion:105 Resp: 225761
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 47.852 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 43 Resp: 51411
Ion Ratio Lower Upper
43 100
70 46.0 41.4 62.2
55 23.5 23.3 34.9
61 25.5 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 47.174 ug/l

RT: 12.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

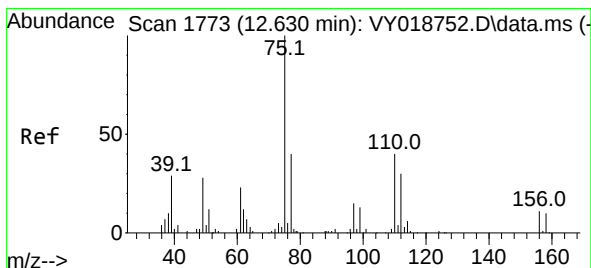
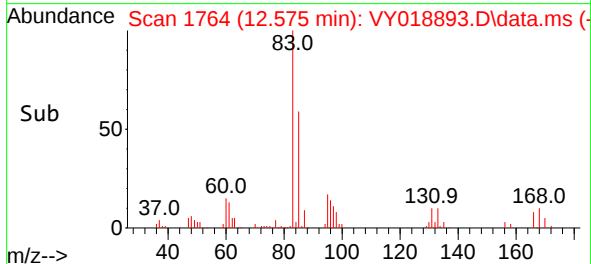
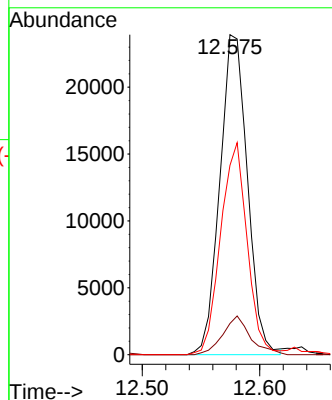
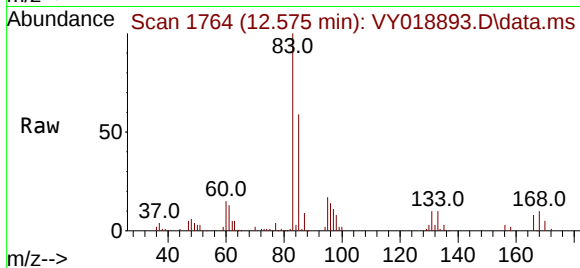
Tgt Ion: 83 Resp: 39069

Ion Ratio Lower Upper

83 100

131 12.1 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 45.953 ug/l m

RT: 12.623 min Scan# 1772

Delta R.T. -0.007 min

Lab File: VY018893.D

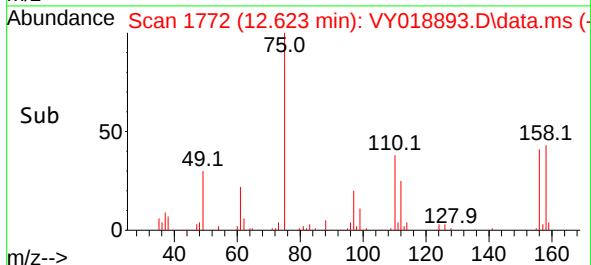
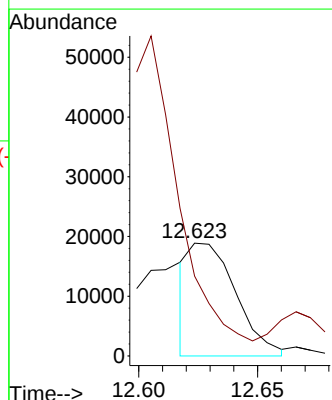
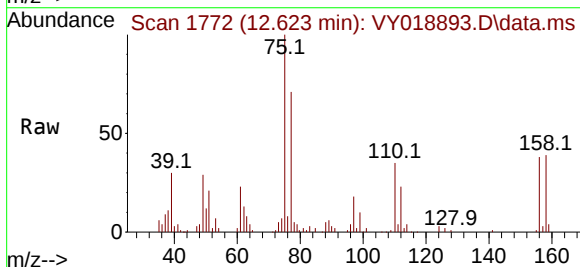
Acq: 22 Jul 2024 17:36

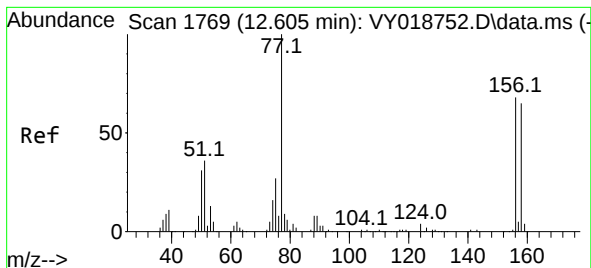
Tgt Ion: 75 Resp: 25835

Ion Ratio Lower Upper

75 100

77 358.3 0.0 0.0#





#77

Bromobenzene

Concen: 45.071 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

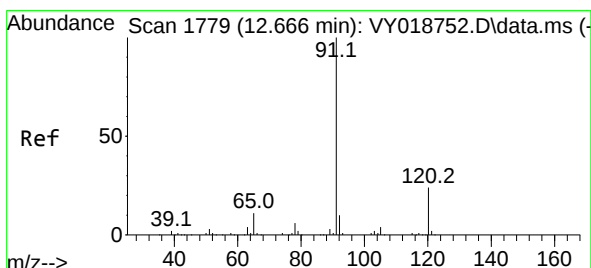
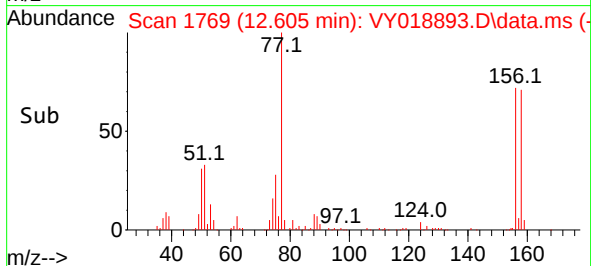
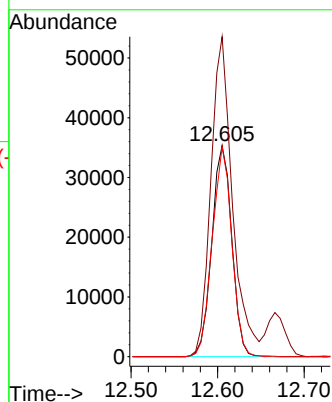
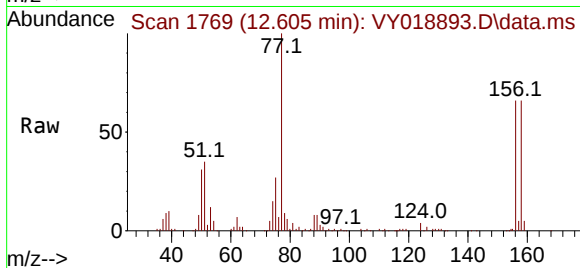
Tgt Ion:156 Resp: 56527

Ion Ratio Lower Upper

156 100

77 163.7 87.1 261.3

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 43.073 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018893.D

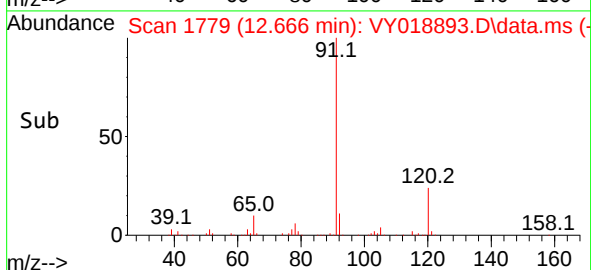
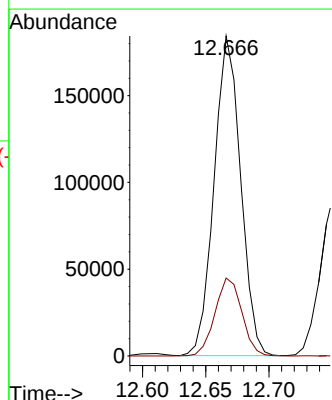
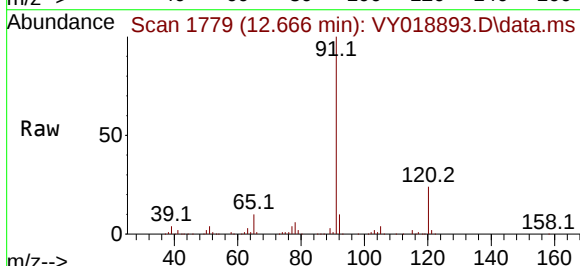
Acq: 22 Jul 2024 17:36

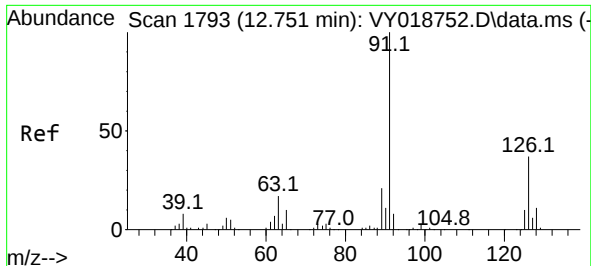
Tgt Ion: 91 Resp: 268717

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4

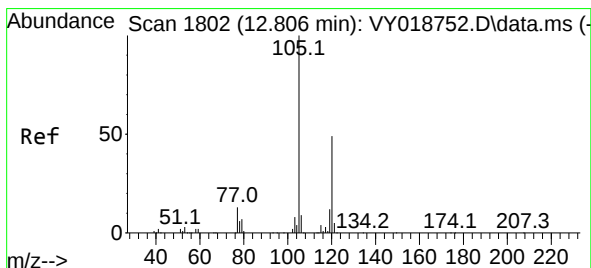
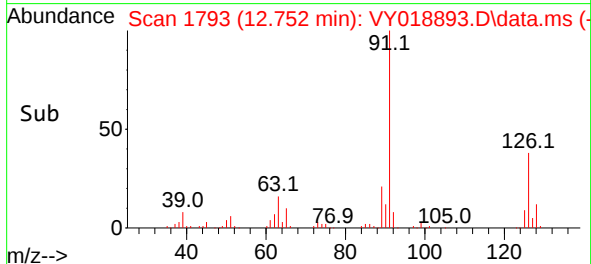
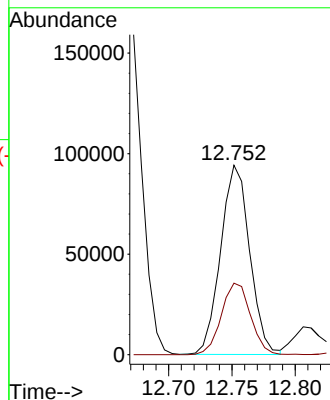
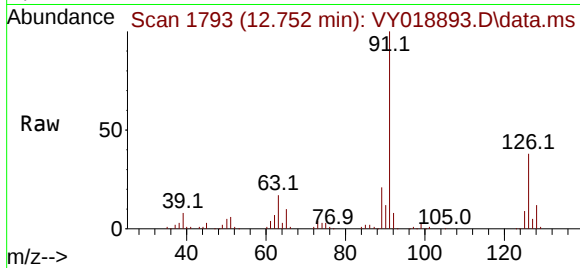




#79
2-Chlorotoluene
Concen: 42.952 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

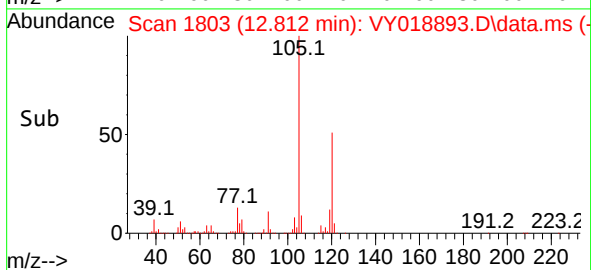
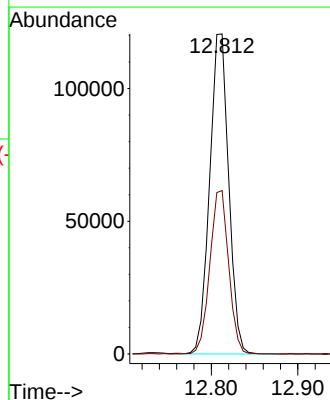
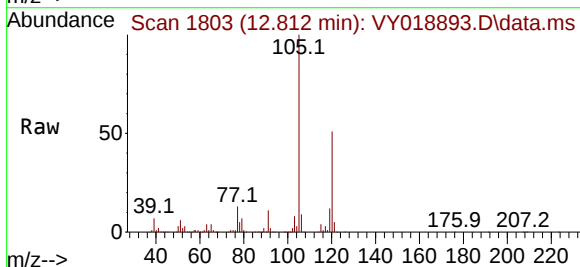
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 150672
Ion Ratio Lower Upper
91 100
126 37.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 42.817 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 105 Resp: 184049
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

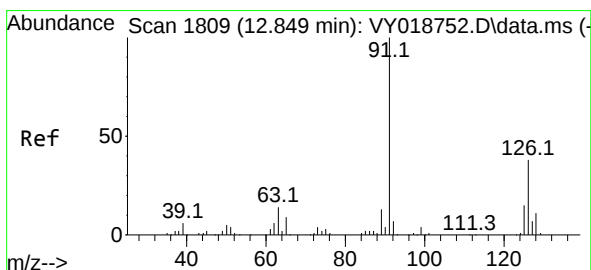
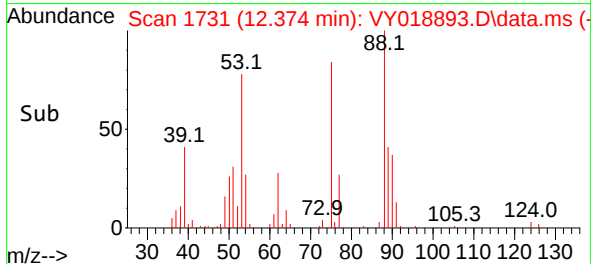
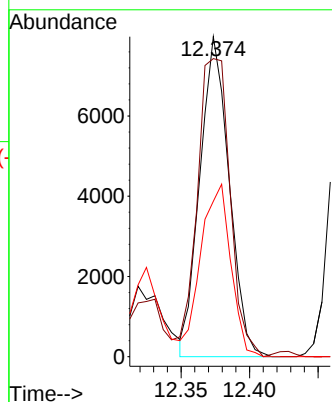
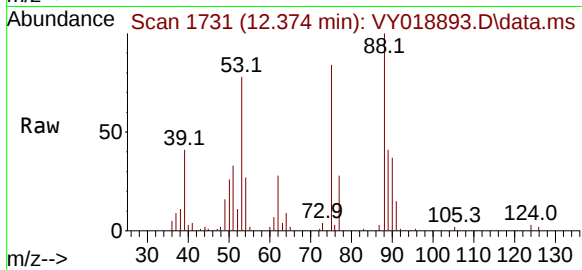




#81
trans-1,4-Dichloro-2-butene
Concen: 47.161 ug/l
RT: 12.374 min Scan# 11847
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

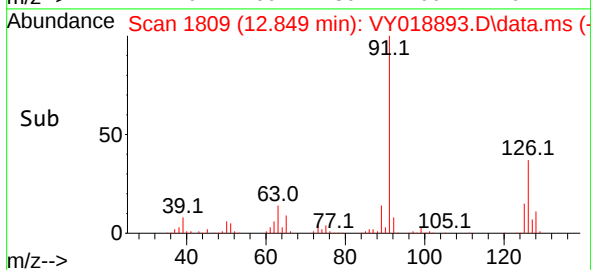
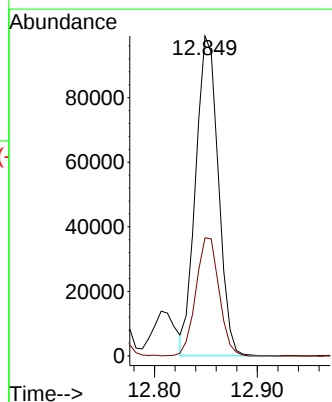
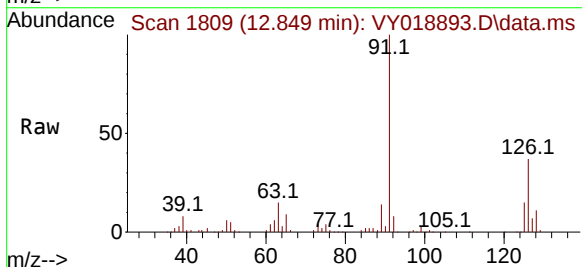
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

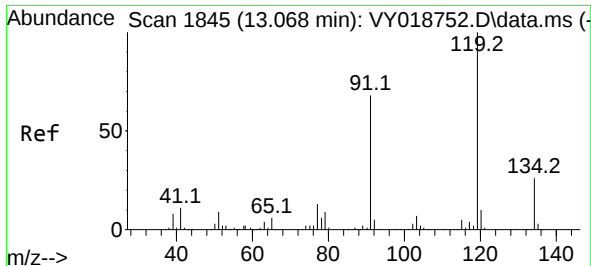
Tgt Ion: 75 Resp: 11847
Ion Ratio Lower Upper
75 100
53 103.4 66.8 100.2#
89 55.3 35.8 53.6#



#82
4-Chlorotoluene
Concen: 41.913 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 91 Resp: 151399
Ion Ratio Lower Upper
91 100
126 38.1 17.6 52.9

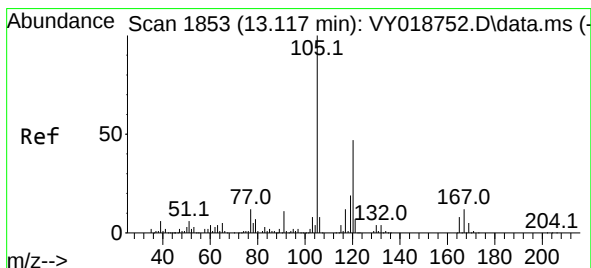
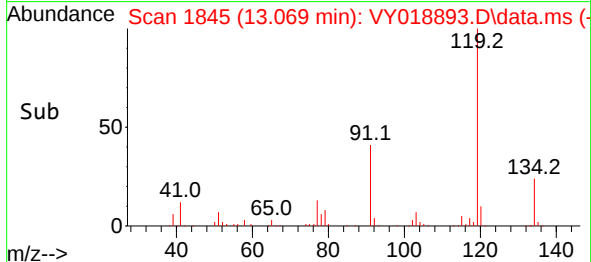
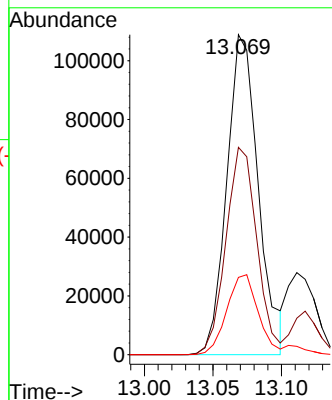
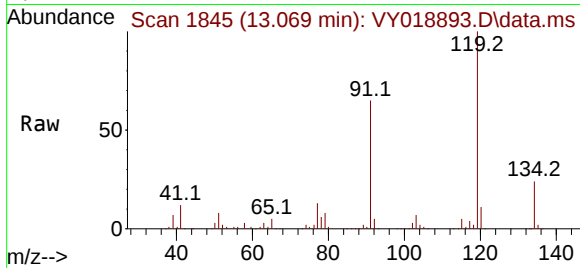




#83
tert-Butylbenzene
Concen: 43.812 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

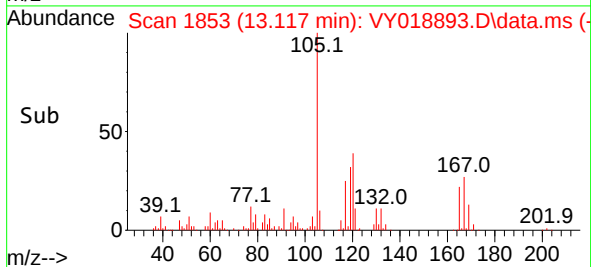
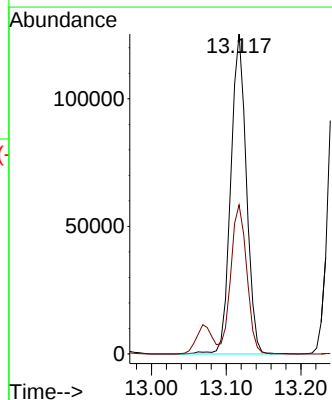
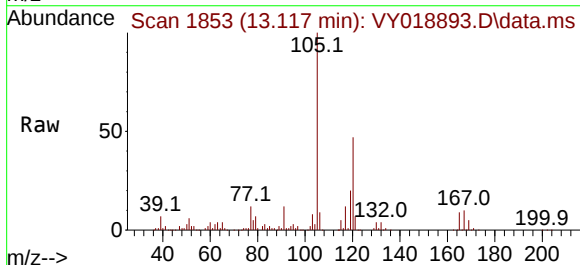
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 173868
Ion Ratio Lower Upper
119 100
91 64.0 31.3 93.8
134 24.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 42.577 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion:105 Resp: 181868
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 43.648 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

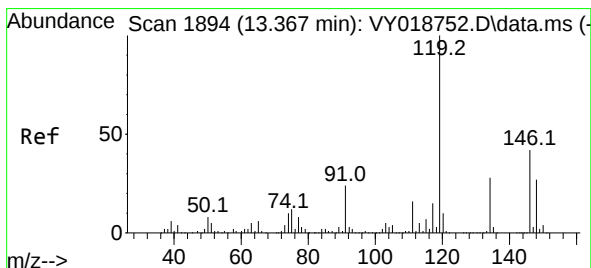
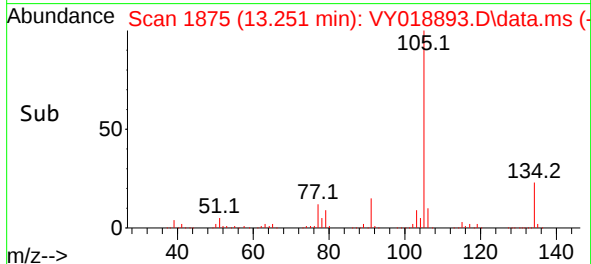
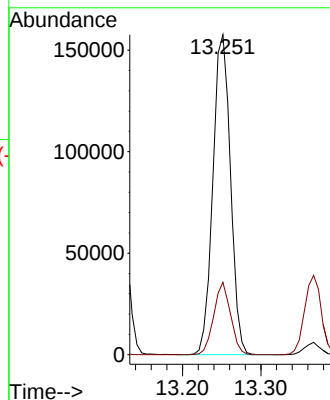
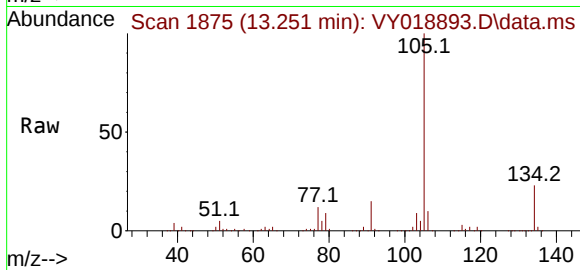
VSTDCCC050EC

Tgt Ion:105 Resp: 245864

Ion Ratio Lower Upper

105 100

134 21.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 42.643 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

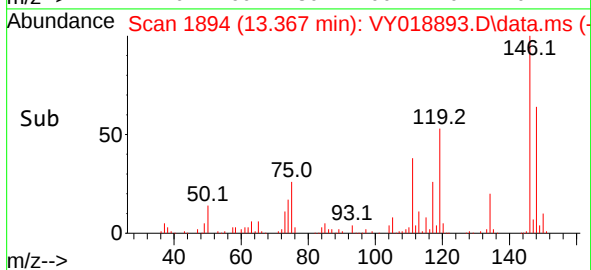
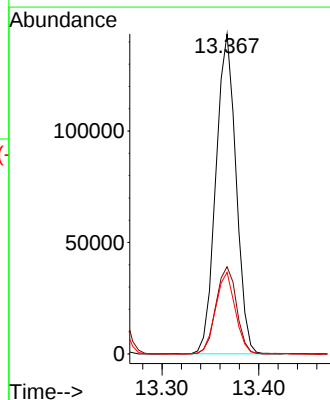
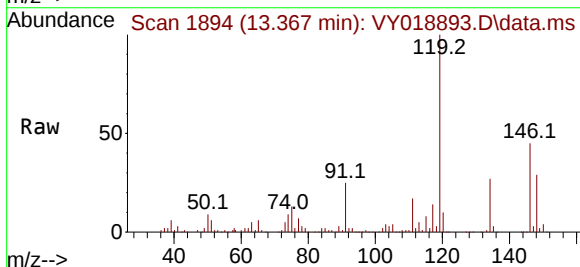
Tgt Ion:119 Resp: 207371

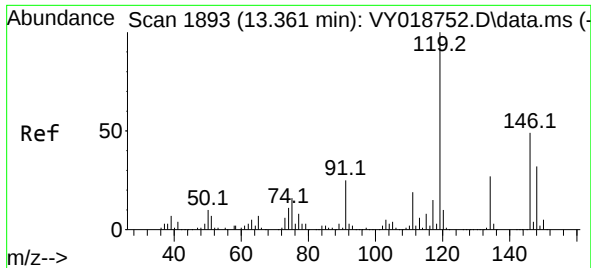
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 25.1 10.7 32.1

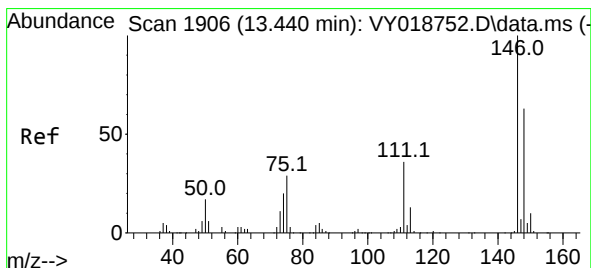
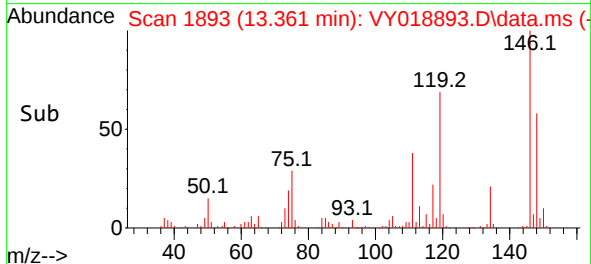
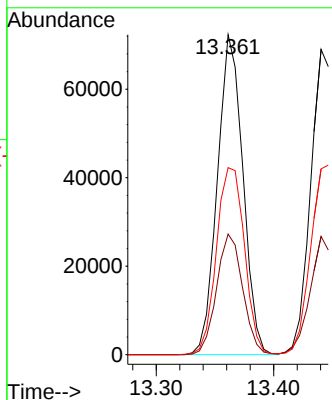
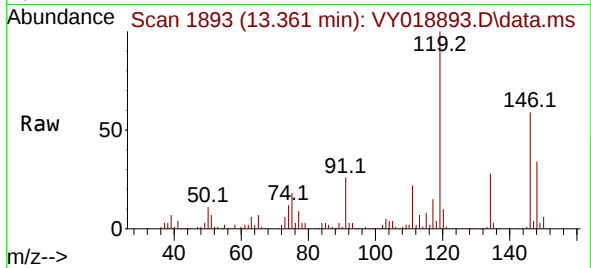




#87
1,3-Dichlorobenzene
Concen: 44.416 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

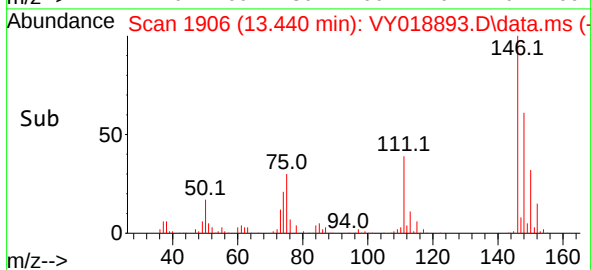
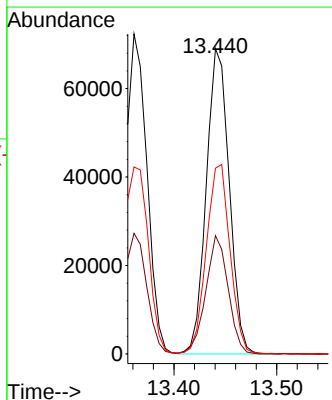
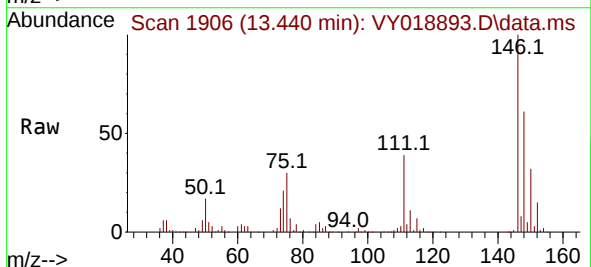
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

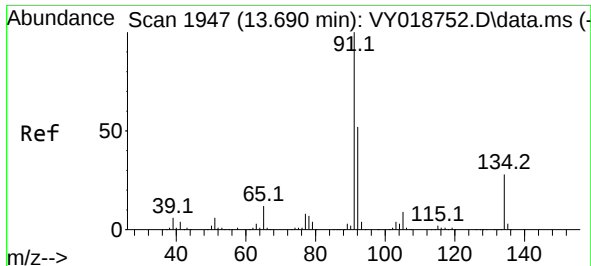
Tgt Ion:146 Resp: 109406
Ion Ratio Lower Upper
146 100
111 38.6 19.0 57.0
148 64.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 43.853 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion:146 Resp: 107060
Ion Ratio Lower Upper
146 100
111 37.8 18.4 55.4
148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 42.694 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

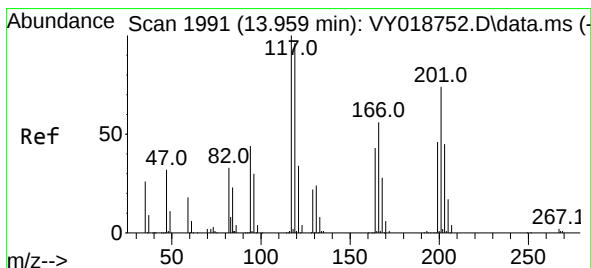
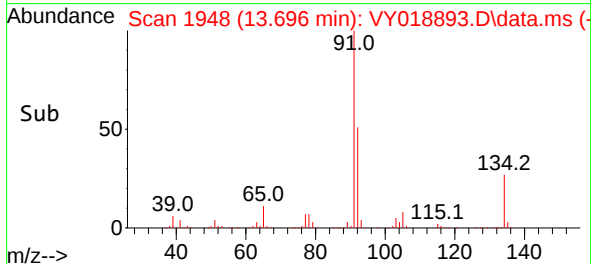
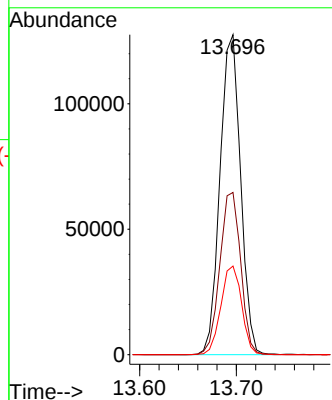
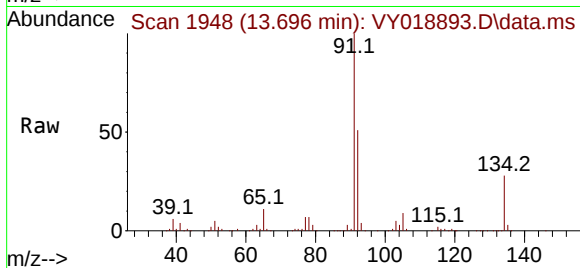
Tgt Ion: 91 Resp: 188225

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 27.9 12.9 38.7



#90

Hexachloroethane

Concen: 43.527 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018893.D

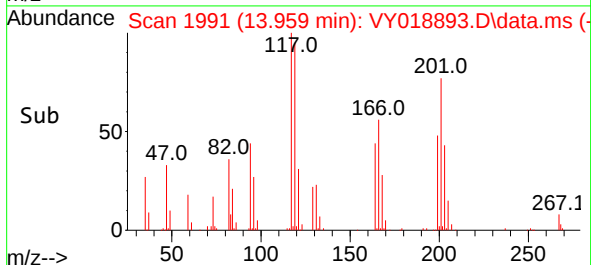
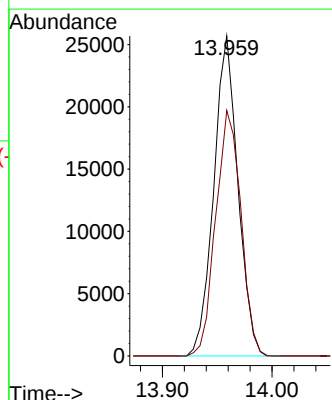
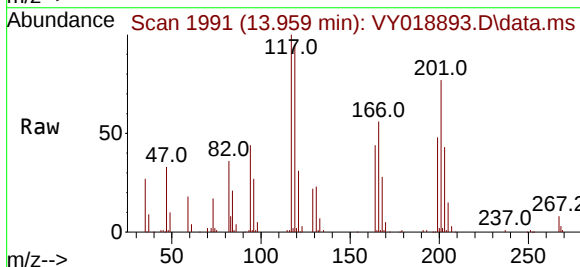
Acq: 22 Jul 2024 17:36

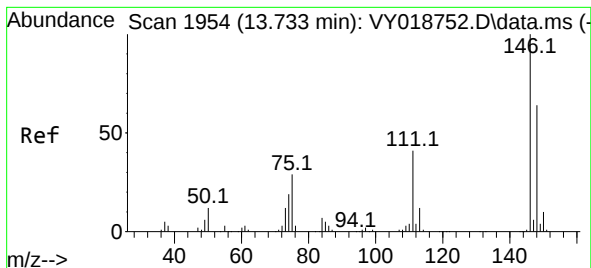
Tgt Ion: 117 Resp: 39365

Ion Ratio Lower Upper

117 100

201 80.0 37.4 112.2

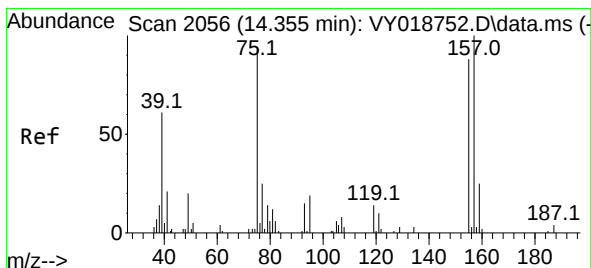
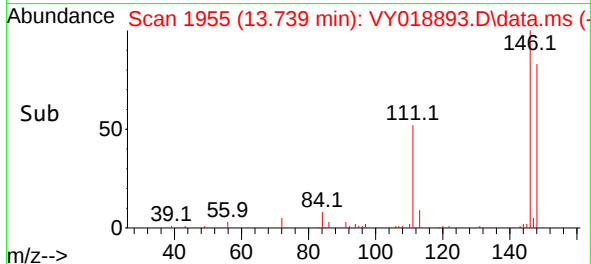
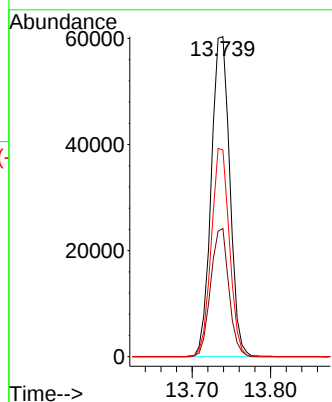
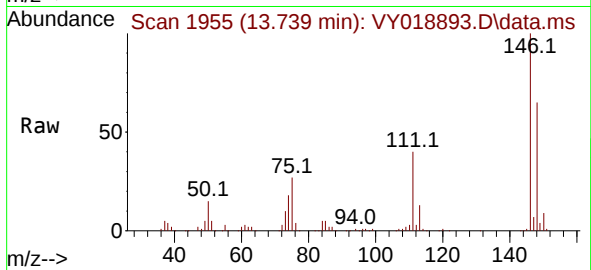




#91
1,2-Dichlorobenzene
Concen: 46.634 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

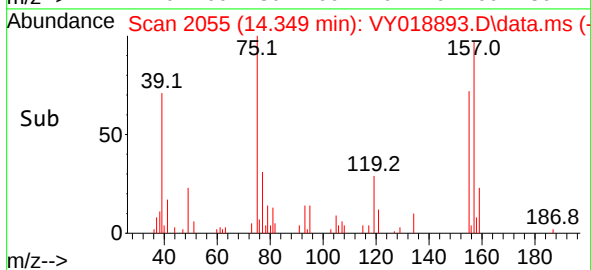
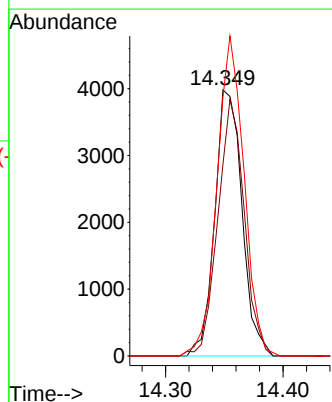
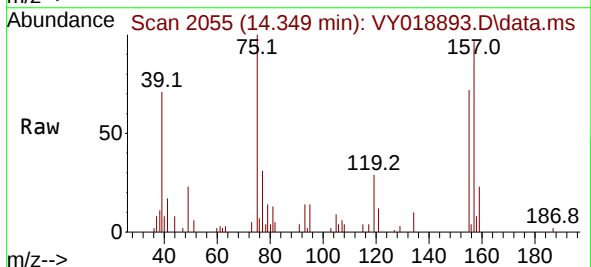
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

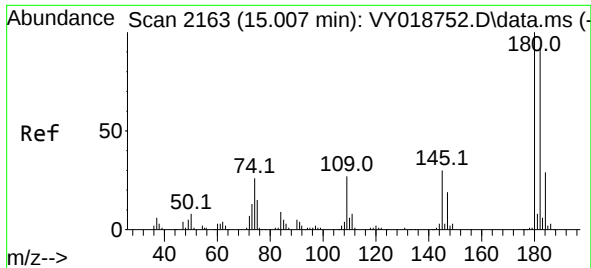
Tgt Ion:146 Resp: 99226
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.855 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion: 75 Resp: 6422
Ion Ratio Lower Upper
75 100
155 93.1 48.6 145.8
157 118.8 62.7 188.2

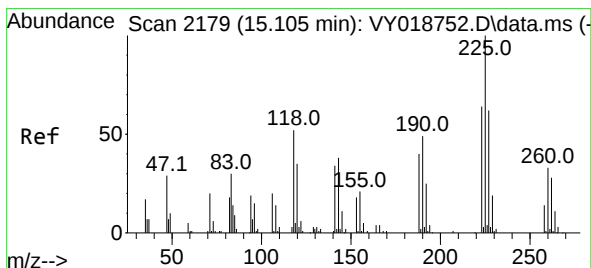
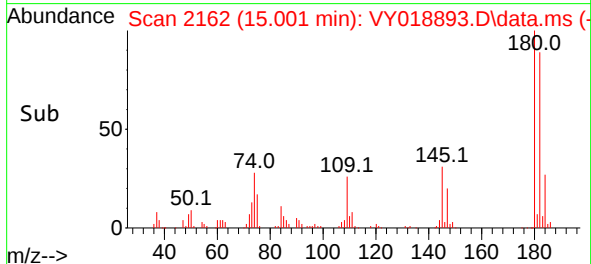
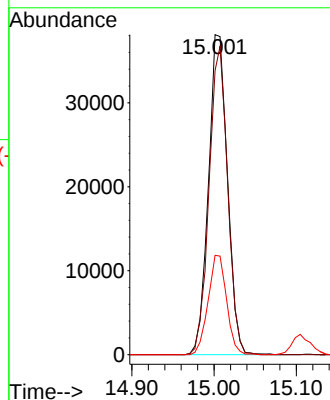
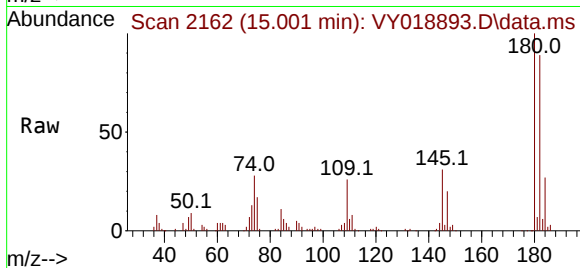




#93
1,2,4-Trichlorobenzene
Concen: 47.187 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

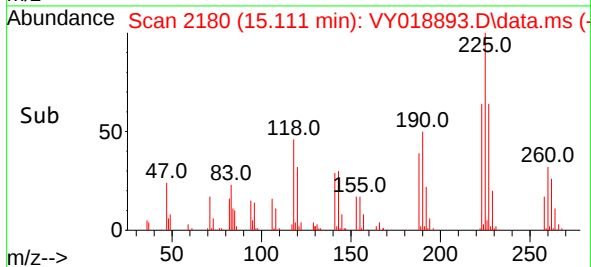
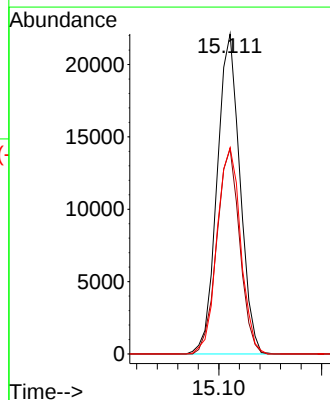
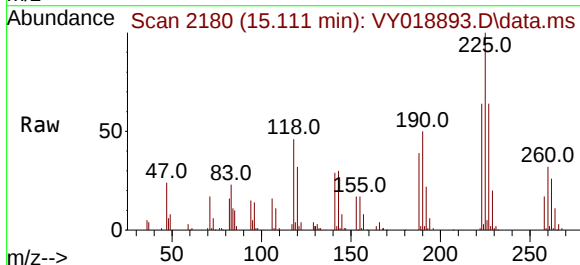
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

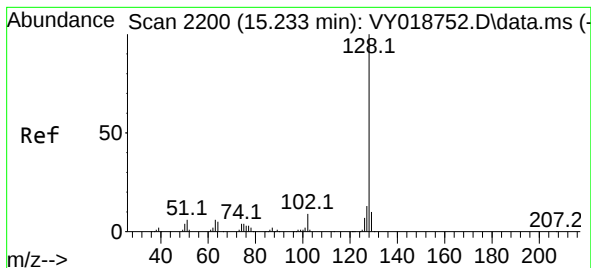
Tgt Ion:180 Resp: 61291
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.8
145 30.2 14.2 42.6



#94
Hexachlorobutadiene
Concen: 45.496 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY018893.D
Acq: 22 Jul 2024 17:36

Tgt Ion:225 Resp: 34062
Ion Ratio Lower Upper
225 100
223 64.1 30.4 91.2
227 66.6 31.9 95.9





#95

Naphthalene

Concen: 50.107 ug/l

RT: 15.233 min Scan# 211

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

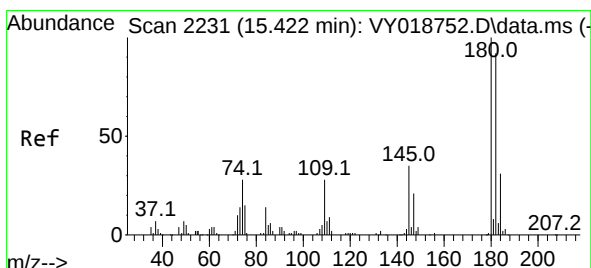
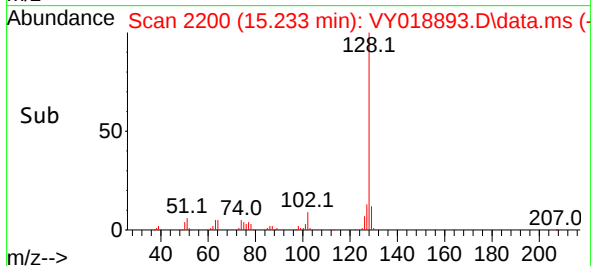
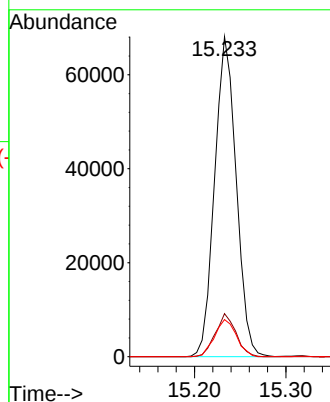
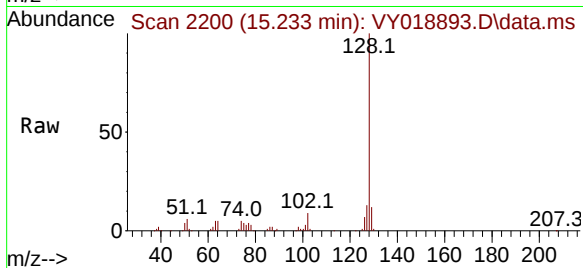
Tgt Ion:128 Resp: 111650

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.429 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018893.D

Acq: 22 Jul 2024 17:36

Tgt Ion:180 Resp: 52710

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 31.1 15.4 46.1

