

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018680.D
 Acq On : 24 Jun 2024 17:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 01:11:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	142958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	234051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	67076	46.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.703	113	72736	50.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.172	98	270678	49.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.477	95	88730	51.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	40934	43.475	ug/l	99
3) Chloromethane	2.101	50	80702	41.616	ug/l	95
4) Vinyl Chloride	2.241	62	104147	43.367	ug/l	95
5) Bromomethane	2.637	94	71324	39.957	ug/l	98
6) Chloroethane	2.777	64	67813	43.105	ug/l	99
7) Trichlorofluoromethane	3.107	101	126640	48.970	ug/l	95
8) Diethyl Ether	3.515	74	34103	46.250	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	69370	51.339	ug/l	99
10) Methyl Iodide	4.070	142	83224	50.927	ug/l	97
11) Tert butyl alcohol	4.942	59	23961	92.552	ug/l #	88
12) 1,1-Dichloroethene	3.850	96	63841	47.015	ug/l	98
13) Acrolein	3.716	56	15682	188.413	ug/l	99
14) Allyl chloride	4.460	41	81390	44.460	ug/l	98
15) Acrylonitrile	5.143	53	78184	238.346	ug/l	97
16) Acetone	3.930	43	70815	241.833	ug/l	94
17) Carbon Disulfide	4.173	76	171050	41.911	ug/l	98
18) Methyl Acetate	4.460	43	35987	48.451	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	165899	45.800	ug/l	99
20) Methylene Chloride	4.698	84	86259	47.317	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	73886	47.799	ug/l	98
22) Diisopropyl ether	6.100	45	189677	45.897	ug/l	92
23) Vinyl Acetate	6.039	43	769543	201.163	ug/l	98
24) 1,1-Dichloroethane	6.002	63	119569	44.909	ug/l	99
25) 2-Butanone	6.972	43	99144	225.875	ug/l	96
26) 2,2-Dichloropropane	6.972	77	97637	43.526	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	89002	47.668	ug/l	98
28) Bromochloromethane	7.319	49	46527	42.635	ug/l	98
29) Tetrahydrofuran	7.337	42	61585	228.631	ug/l	98
30) Chloroform	7.490	83	136669	47.101	ug/l	98
31) Cyclohexane	7.770	56	98709	44.772	ug/l	93
32) 1,1,1-Trichloroethane	7.685	97	117564	47.692	ug/l	99
36) 1,1-Dichloropropene	7.904	75	94367	48.018	ug/l	99
37) Ethyl Acetate	7.063	43	41588	44.891	ug/l #	97
38) Carbon Tetrachloride	7.892	117	104223	50.550	ug/l	98
39) Methylcyclohexane	9.179	83	122687	50.950	ug/l	98
40) Benzene	8.148	78	296795	48.832	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25720	55.200	ug/l #	86
42) 1,2-Dichloroethane	8.228	62	75204	47.428	ug/l	99
43) Isopropyl Acetate	8.264	43	81629	47.208	ug/l	96
44) Trichloroethene	8.935	130	78713	49.466	ug/l	98
45) 1,2-Dichloropropane	9.209	63	65740	47.303	ug/l	99
46) Dibromomethane	9.294	93	43109	49.991	ug/l	99
47) Bromodichloromethane	9.490	83	104465	50.757	ug/l	97
48) Methyl methacrylate	9.288	41	38351	49.266	ug/l	94
49) 1,4-Dioxane	9.288	88	11055	974.770	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	222063	243.810	ug/l	98
52) Toluene	10.239	92	193780	49.659	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	92429	51.390	ug/l	93
54) cis-1,3-Dichloropropene	9.922	75	108600	50.035	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	58148	50.698	ug/l	96
56) Ethyl methacrylate	10.508	69	76382	50.892	ug/l	92
57) 1,3-Dichloropropane	10.782	76	95577	50.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	176453	243.532	ug/l	96
59) 2-Hexanone	10.825	43	158387	248.261	ug/l	98
60) Dibromochloromethane	10.977	129	76493	53.687	ug/l	98
61) 1,2-Dibromoethane	11.087	107	55439	52.301	ug/l	99
64) Tetrachloroethene	10.715	164	81069	53.004	ug/l	99
65) Chlorobenzene	11.514	112	222056	50.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	75622	50.940	ug/l	97
67) Ethyl Benzene	11.587	91	371744	48.363	ug/l	95
68) m/p-Xylenes	11.696	106	296805	99.234	ug/l	99
69) o-Xylene	12.026	106	142166	49.429	ug/l	97
70) Styrene	12.038	104	243867	51.324	ug/l	98
71) Bromoform	12.202	173	43352	53.220	ug/l #	99
73) Isopropylbenzene	12.324	105	371174	47.809	ug/l	100
74) N-amyl acetate	12.142	43	74138	46.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	66160	47.993	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	42114m	42.227	ug/l	
77) Bromobenzene	12.605	156	89005	49.572	ug/l	93
78) n-propylbenzene	12.666	91	432953	47.651	ug/l	97
79) 2-Chlorotoluene	12.751	91	238613	46.523	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	295570	48.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19286	50.653	ug/l	94
82) 4-Chlorotoluene	12.849	91	232733	45.062	ug/l	92
83) tert-Butylbenzene	13.074	119	272490	47.849	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	285104	46.359	ug/l	97
85) sec-Butylbenzene	13.251	105	382637	47.110	ug/l	96
86) p-Isopropyltoluene	13.367	119	325012	47.200	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	176767	48.811	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	172563	48.558	ug/l	99
89) n-Butylbenzene	13.696	91	283874	45.738	ug/l	98
90) Hexachloroethane	13.958	117	64322	51.421	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	155796	50.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9037	45.273	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	90555	52.541	ug/l	98
94) Hexachlorobutadiene	15.110	225	48128	54.347	ug/l	99
95) Naphthalene	15.232	128	170003	52.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	79865	54.843	ug/l	99

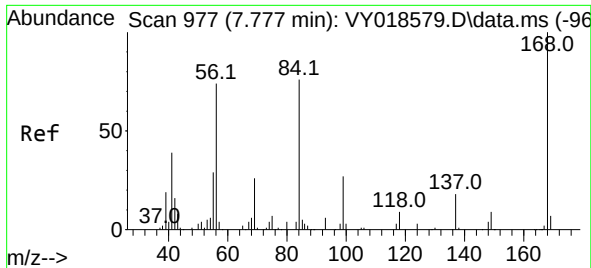
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Response via : Initial Calibration

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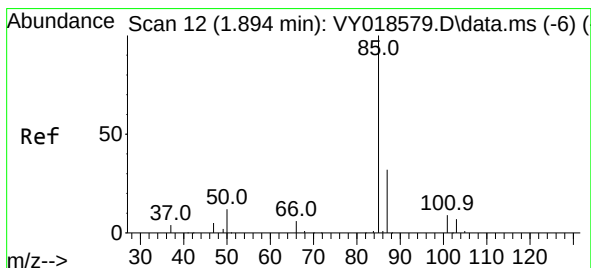
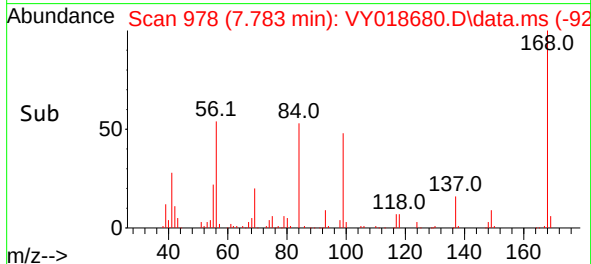
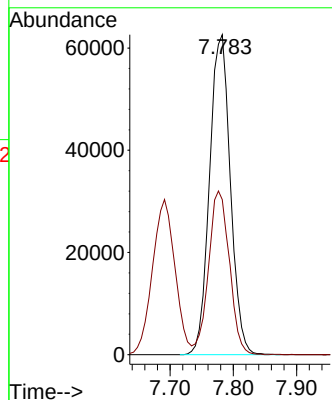
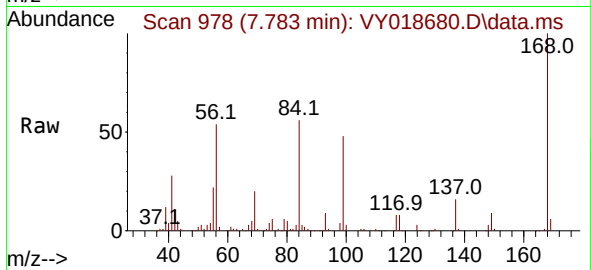
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

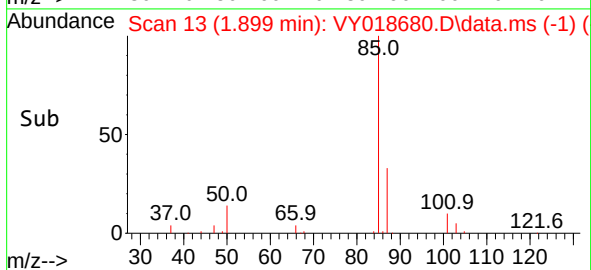
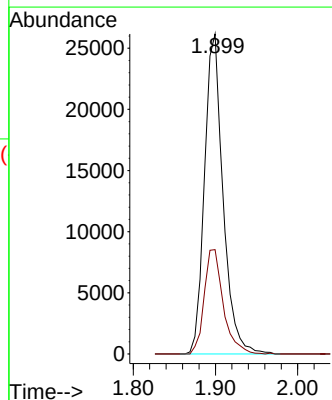
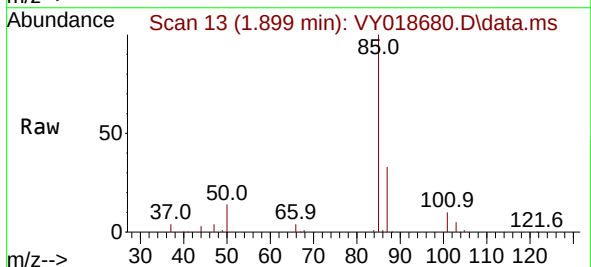
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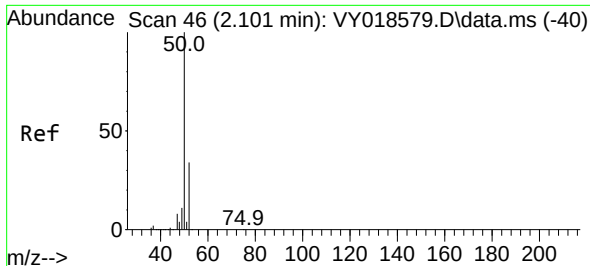
Tgt Ion:168 Resp: 142958
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 43.475 ug/l
RT: 1.899 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 85 Resp: 40934
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

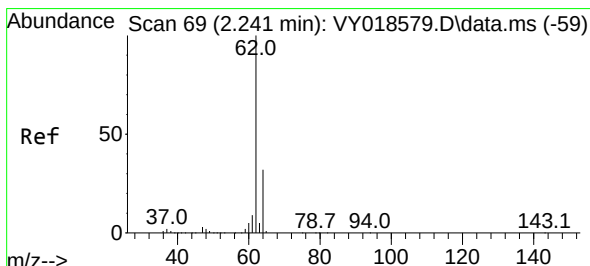
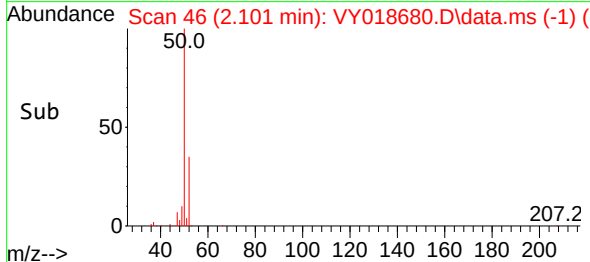
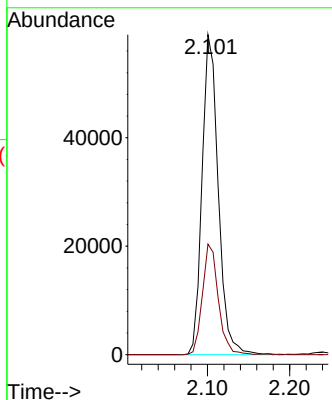
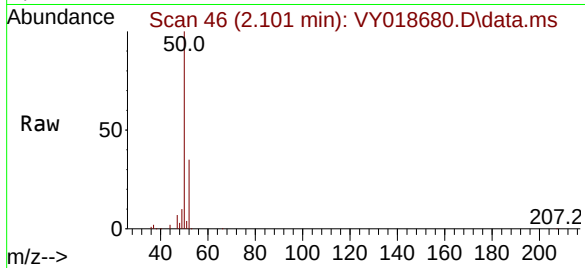




#3
Chloromethane
Concen: 41.616 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

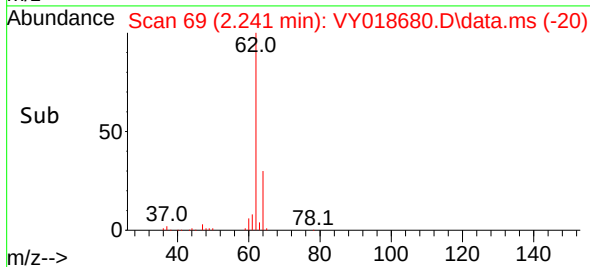
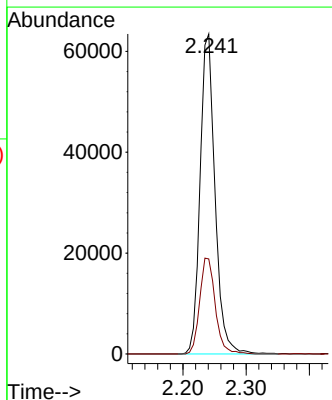
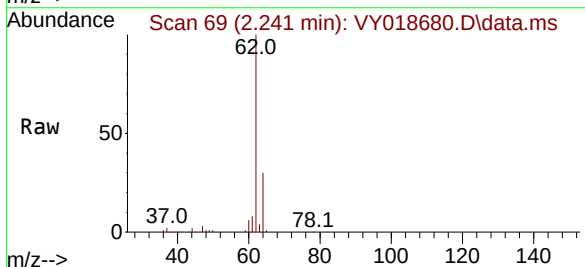
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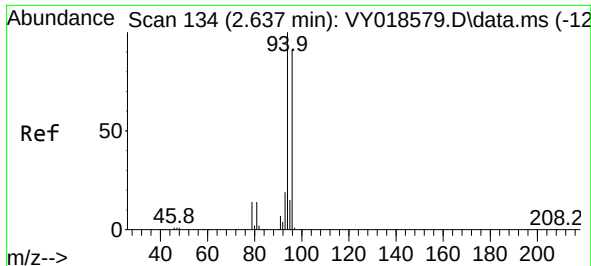
Tgt Ion: 50 Resp: 80702
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4



#4
Vinyl Chloride
Concen: 43.367 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 62 Resp: 104147
Ion Ratio Lower Upper
62 100
64 29.7 26.1 39.1

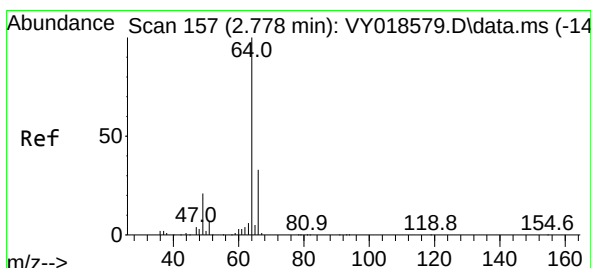
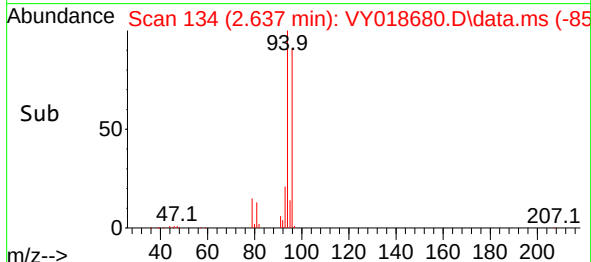
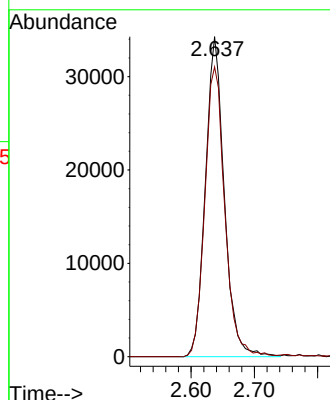
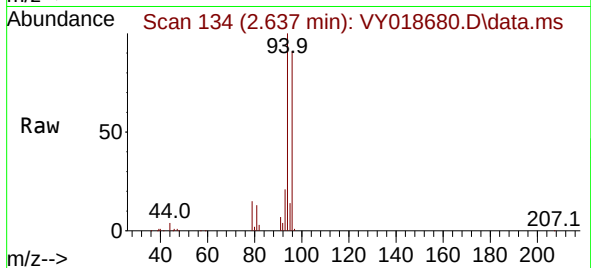




#5
Bromomethane
Concen: 39.957 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

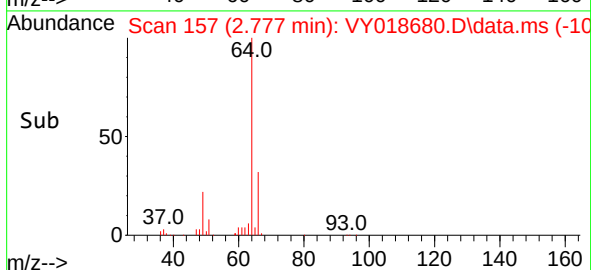
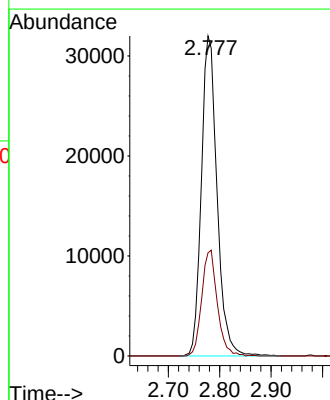
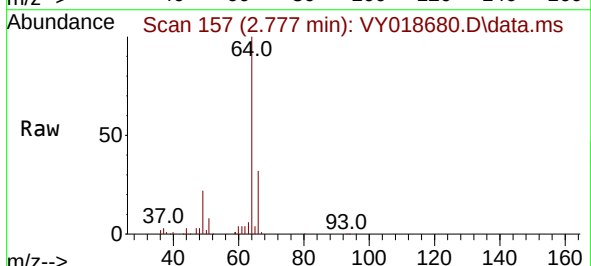
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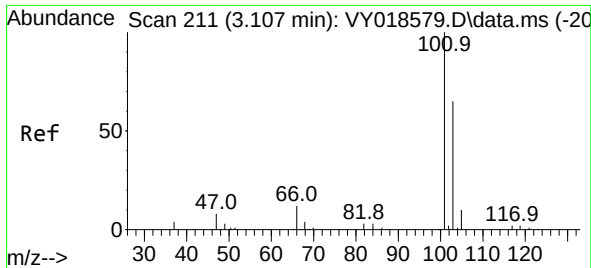
Tgt Ion: 94 Resp: 71324
Ion Ratio Lower Upper
94 100
96 90.5 74.1 111.1



#6
Chloroethane
Concen: 43.105 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 64 Resp: 67813
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

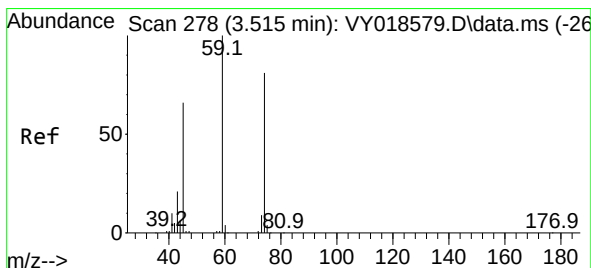
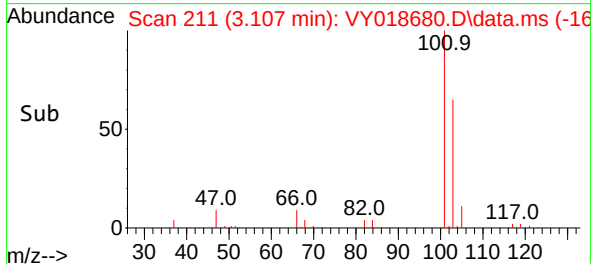
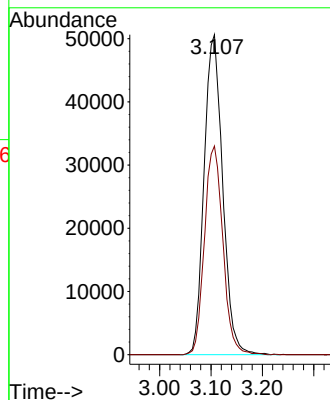
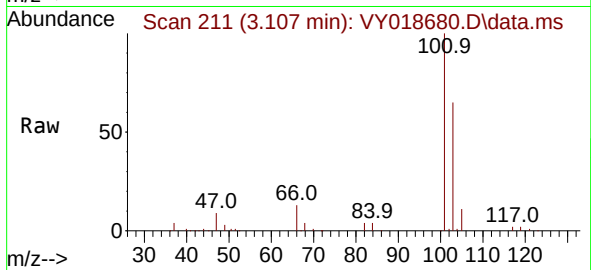




#7
Trichlorofluoromethane
Concen: 48.970 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY018680.D
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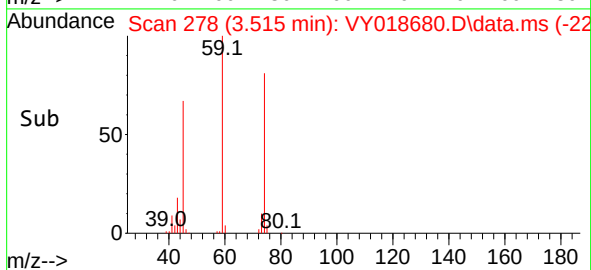
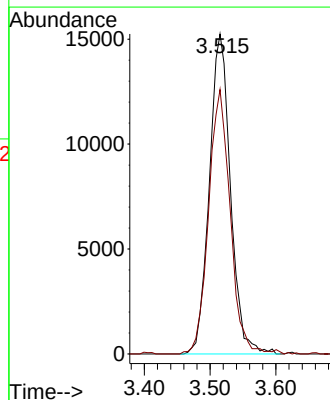
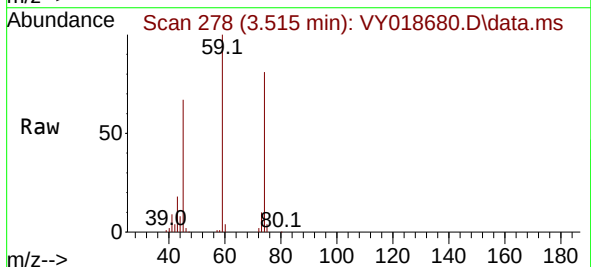
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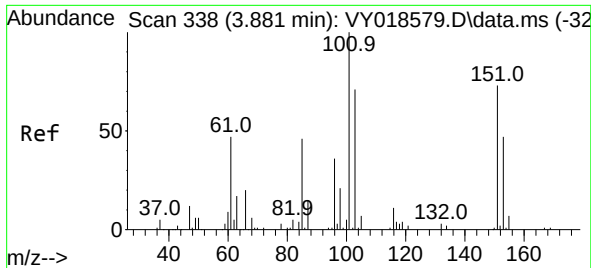
Tgt Ion:101 Resp: 126640
Ion Ratio Lower Upper
101 100
103 65.2 49.3 73.9



#8
Diethyl Ether
Concen: 46.250 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 74 Resp: 34103
Ion Ratio Lower Upper
74 100
45 84.4 41.3 124.1

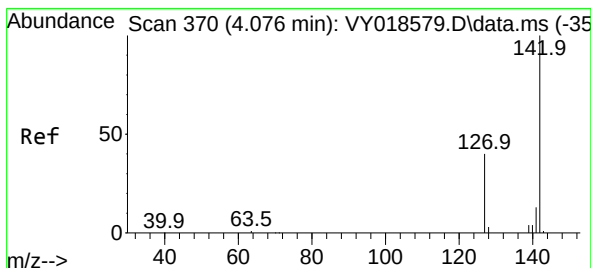
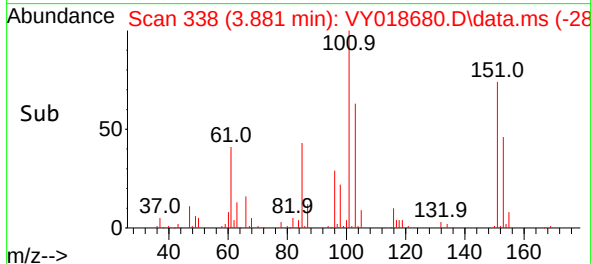
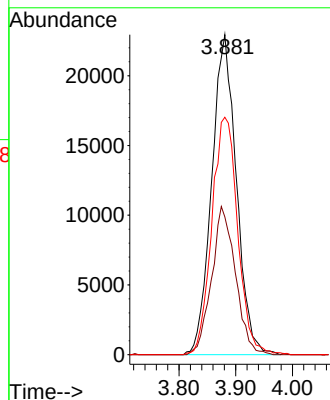
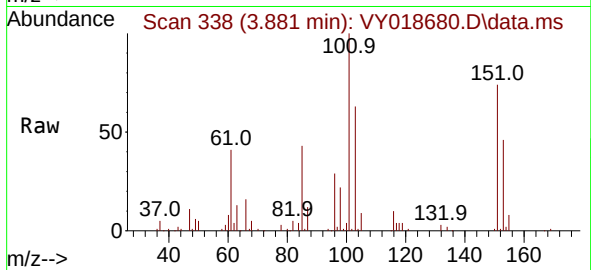




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.339 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
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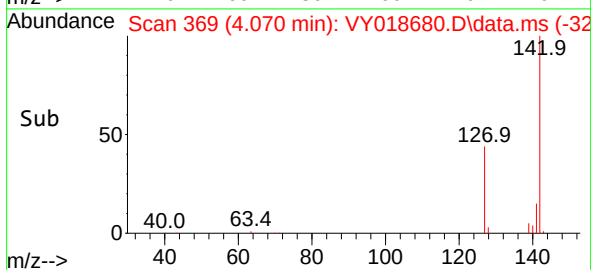
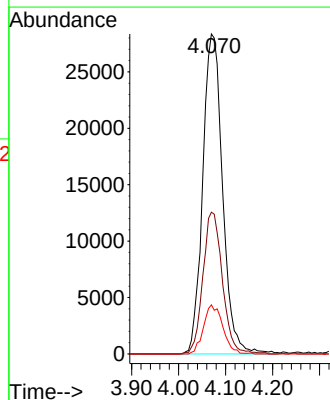
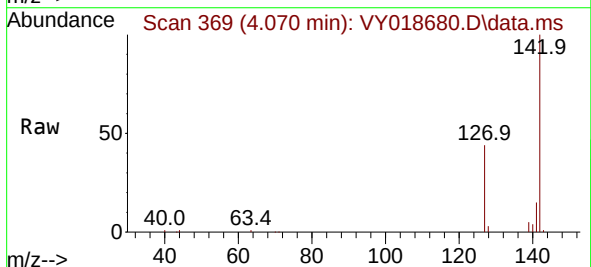
Instrument :
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ClientSampleId :
VSTDCCC050EC

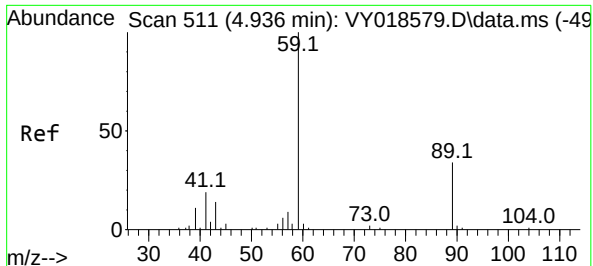
Tgt Ion:101 Resp: 69370
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 77.8 61.7 92.5



#10
Methyl Iodide
Concen: 50.927 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion:142 Resp: 83224
Ion Ratio Lower Upper
142 100
127 43.5 32.8 49.2
141 14.8 11.4 17.2

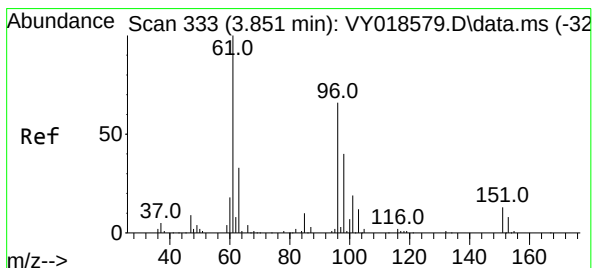
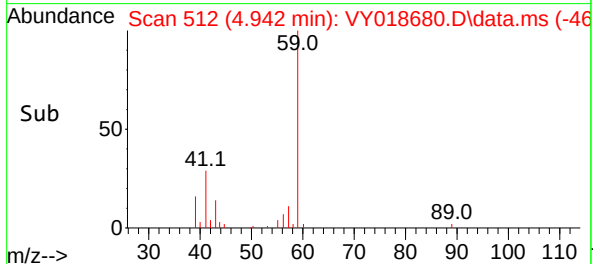
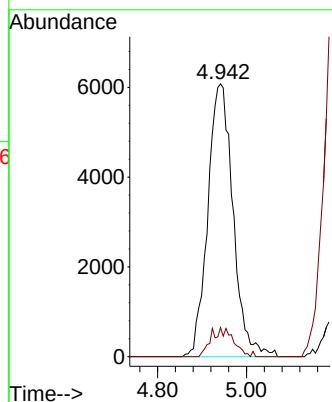
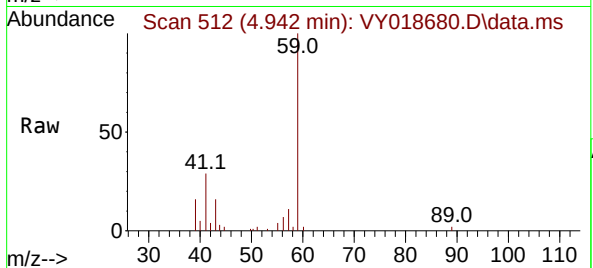




#11
Tert butyl alcohol
Concen: 92.552 ug/l
RT: 4.942 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

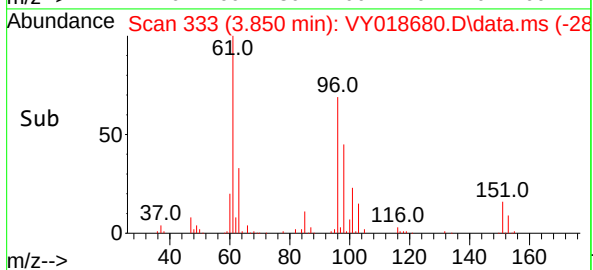
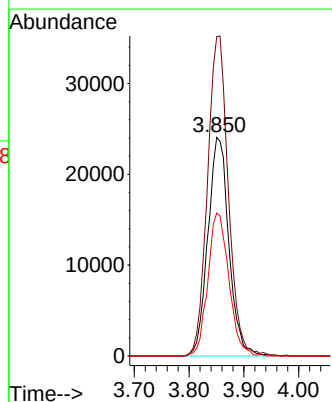
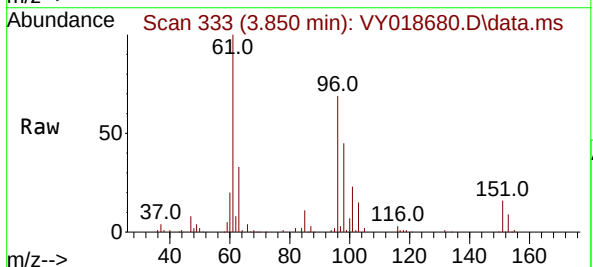
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

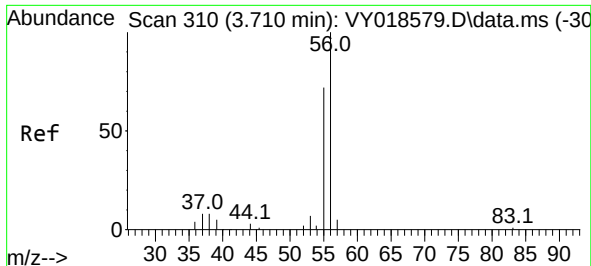
Tgt Ion: 59 Resp: 23961
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.015 ug/l
RT: 3.850 min Scan# 333
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 96 Resp: 63841
Ion Ratio Lower Upper
96 100
61 146.0 114.6 171.8
98 65.4 50.8 76.2





#13

Acrolein

Concen: 188.413 ug/l

RT: 3.716 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

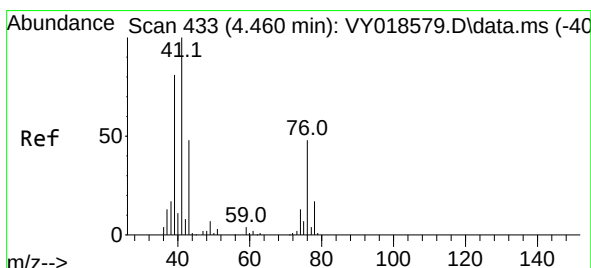
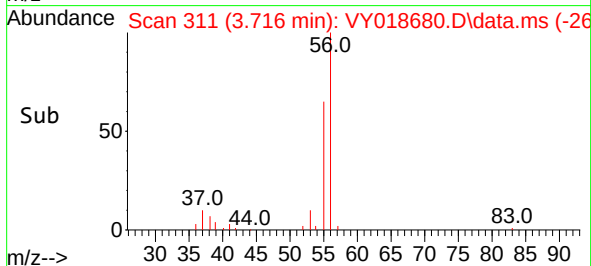
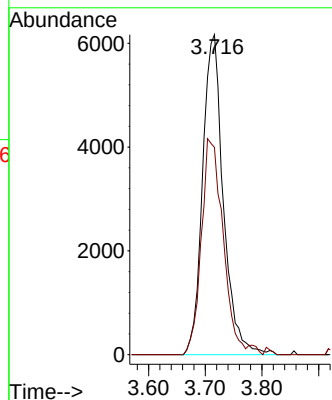
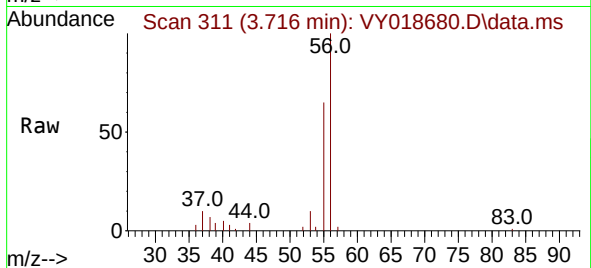
VSTDCCC050EC

Tgt Ion: 56 Resp: 15682

Ion Ratio Lower Upper

56 100

55 70.1 55.7 83.5



#14

Allyl chloride

Concen: 44.460 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

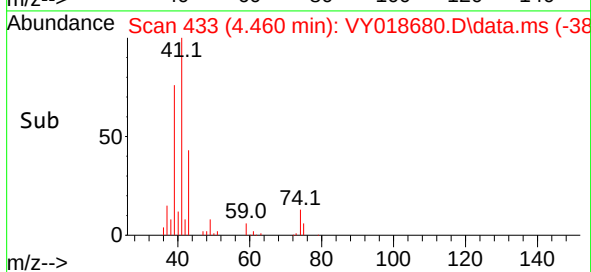
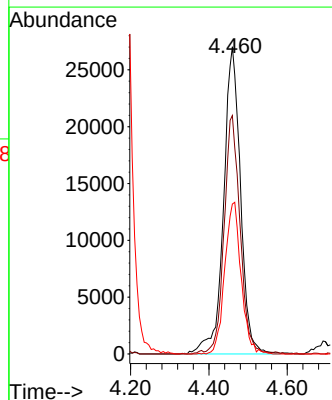
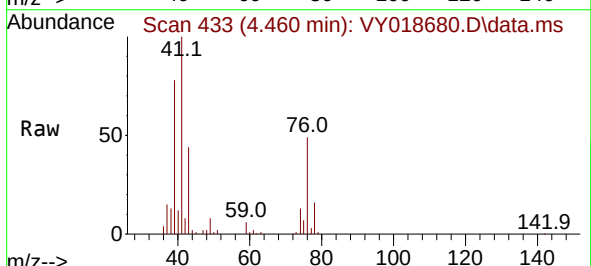
Tgt Ion: 41 Resp: 81390

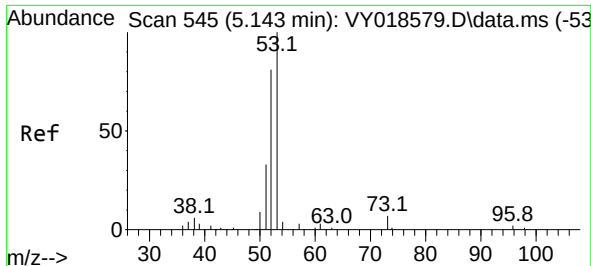
Ion Ratio Lower Upper

41 100

39 71.3 58.3 87.5

76 47.7 39.0 58.6

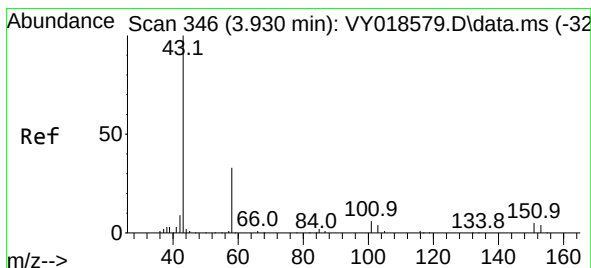
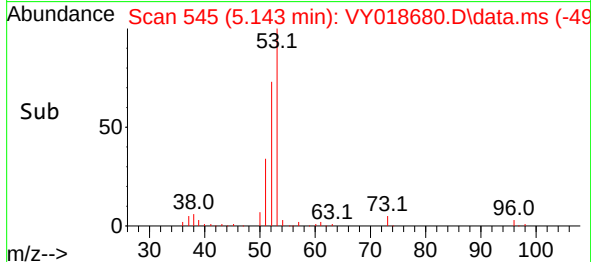
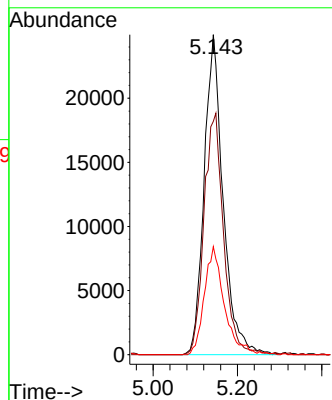
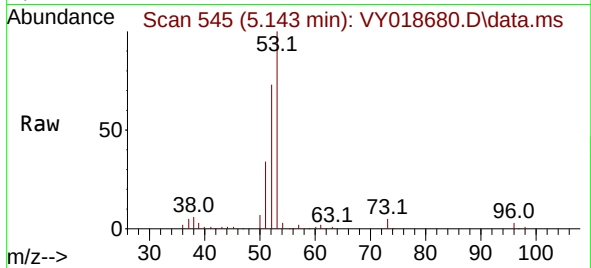




#15
Acrylonitrile
Concen: 238.346 ug/l
RT: 5.143 min Scan# 545
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

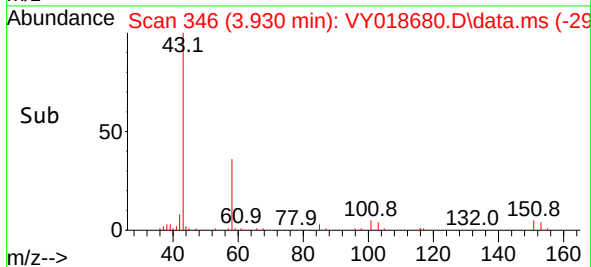
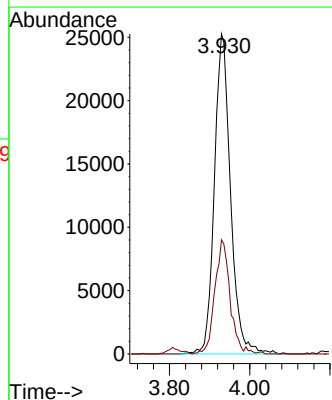
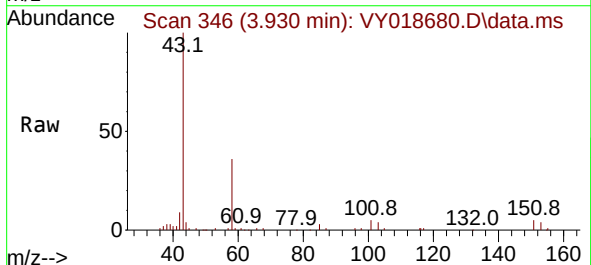
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

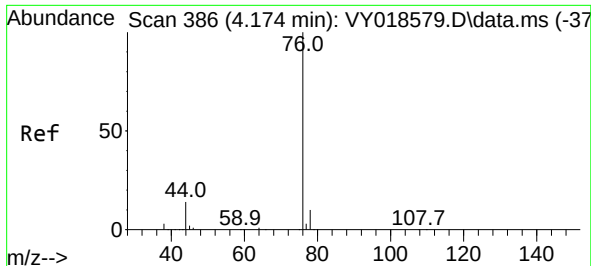
Tgt Ion:	53	Resp:	78184
Ion	Ratio	Lower	Upper
53	100		
52	77.8	64.7	97.1
51	35.2	28.4	42.6



#16
Acetone
Concen: 241.833 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion:	43	Resp:	70815
Ion	Ratio	Lower	Upper
43	100		
58	35.7	31.7	47.5

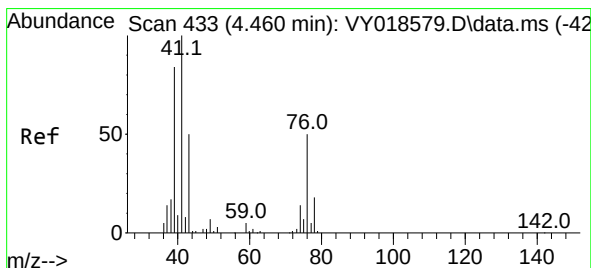
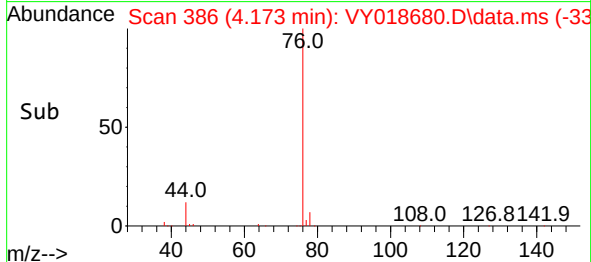
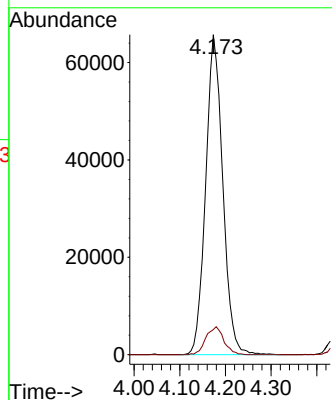
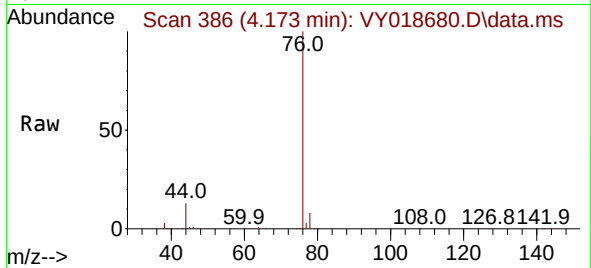




#17
Carbon Disulfide
Concen: 41.911 ug/l
RT: 4.173 min Scan# 386
Delta R.T. -0.001 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

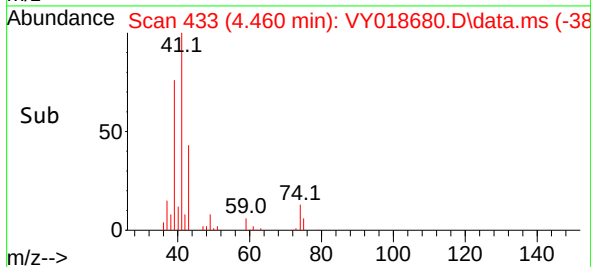
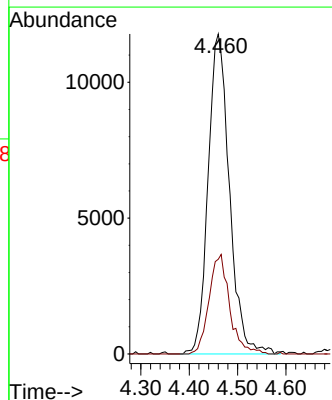
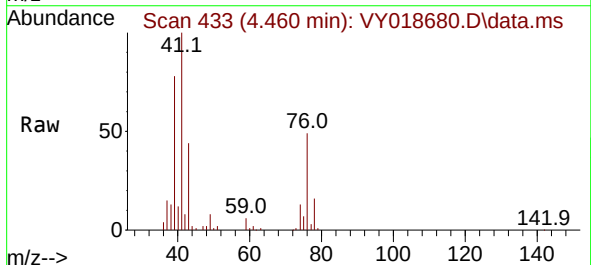
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

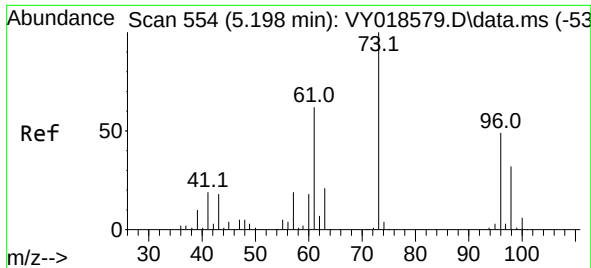
Tgt Ion: 76 Resp: 171050
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 48.451 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 43 Resp: 35987
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9

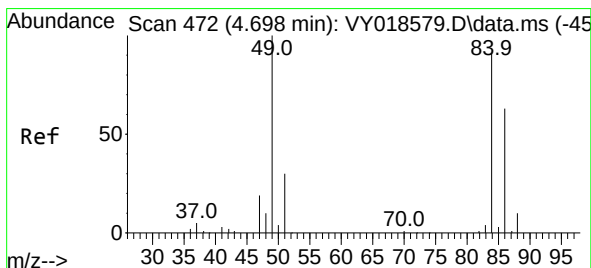
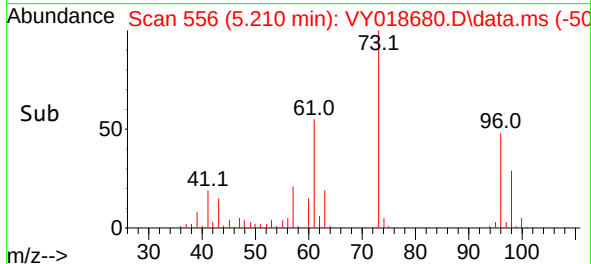
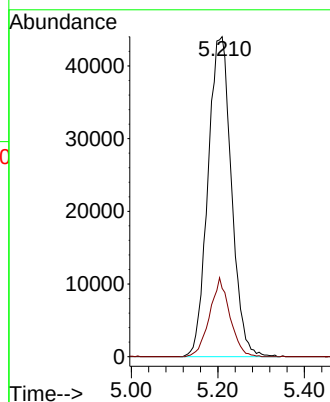
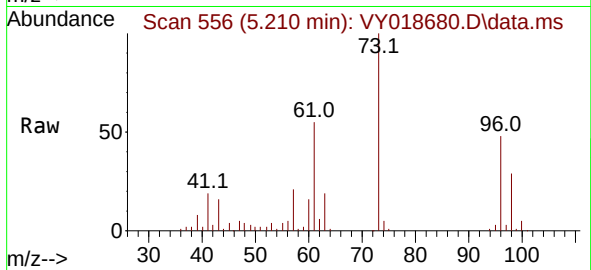




#19
Methyl tert-butyl Ether
Concen: 45.800 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

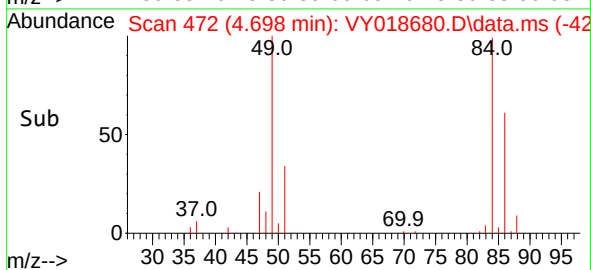
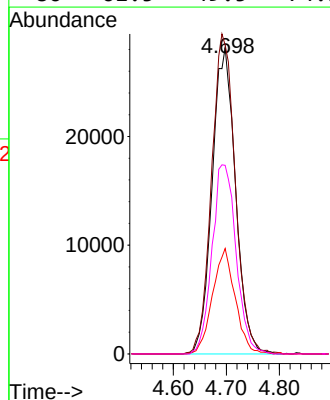
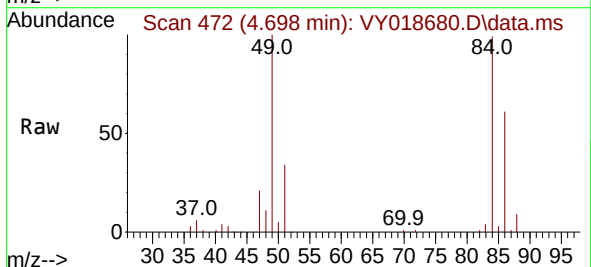
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

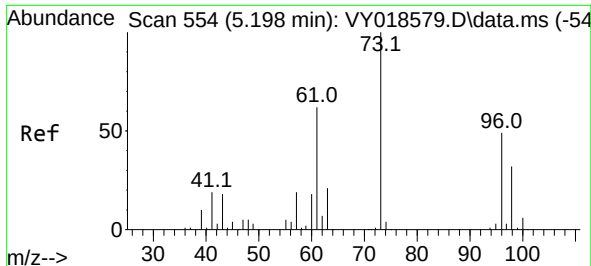
Tgt Ion: 73 Resp: 165899
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 47.317 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 84 Resp: 86259
Ion Ratio Lower Upper
84 100
49 100.7 84.4 126.6
51 34.4 26.0 39.0
86 61.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.799 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

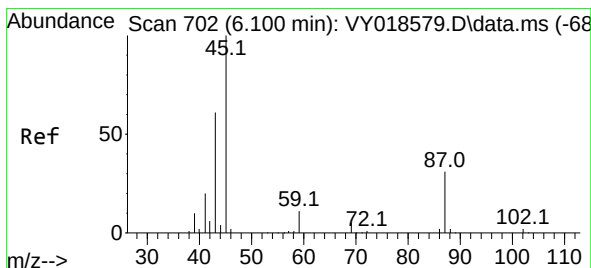
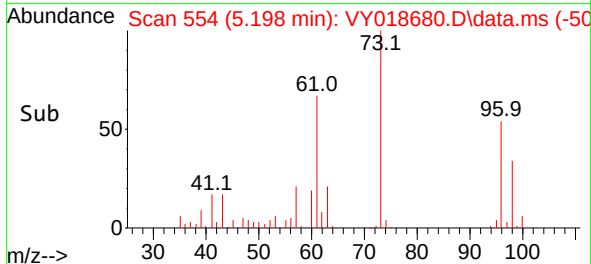
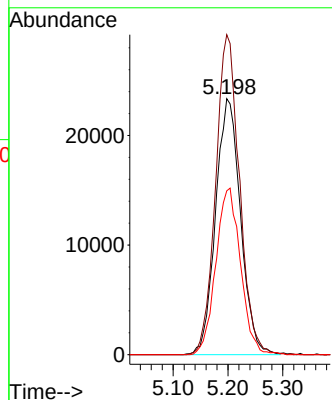
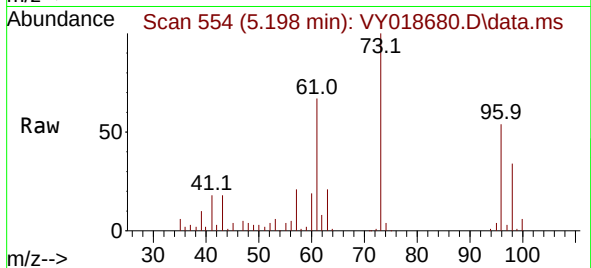
Tgt Ion: 96 Resp: 73886

Ion Ratio Lower Upper

96 100

61 125.0 97.5 146.3

98 64.0 50.5 75.7



#22

Diisopropyl ether

Concen: 45.897 ug/l

RT: 6.100 min Scan# 702

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Tgt Ion: 45 Resp: 189677

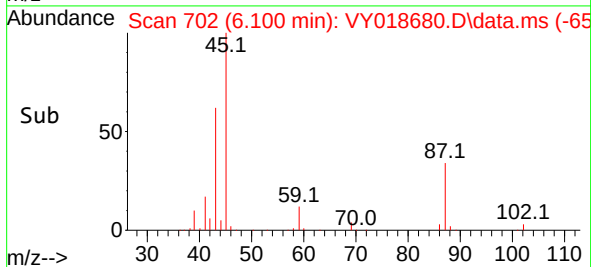
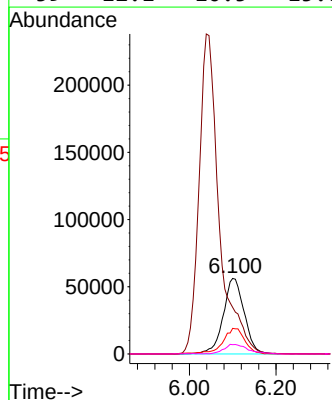
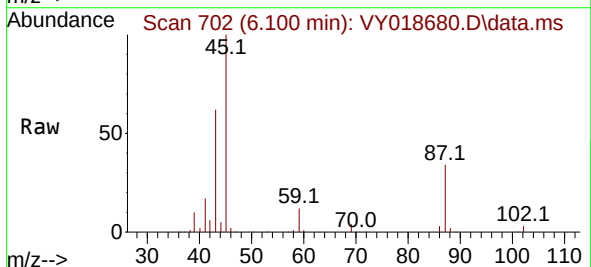
Ion Ratio Lower Upper

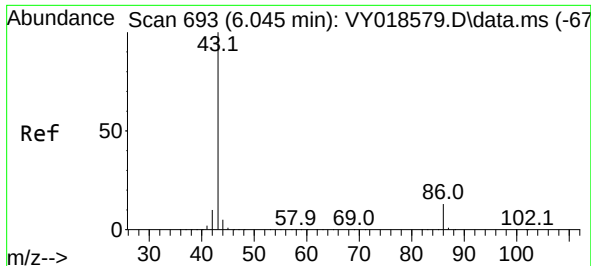
45 100

43 61.0 42.2 63.2

87 33.7 25.0 37.6

59 12.1 10.5 15.7

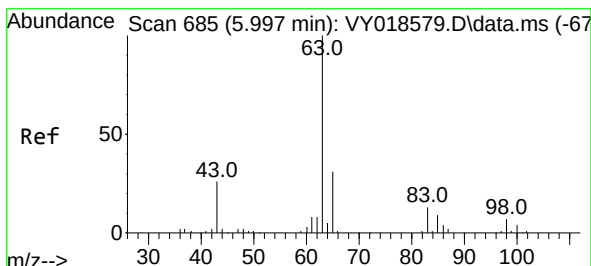
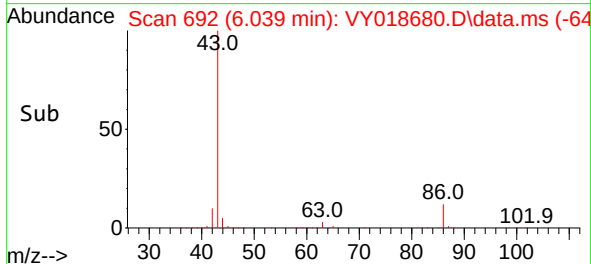
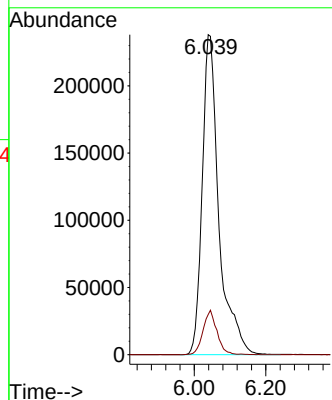
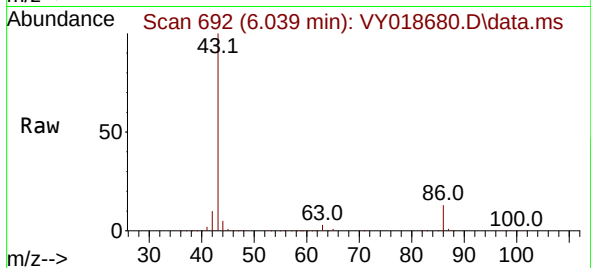




#23
 Vinyl Acetate
 Concen: 201.163 ug/l
 RT: 6.039 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY018680.D
 Acq: 24 Jun 2024 17:18

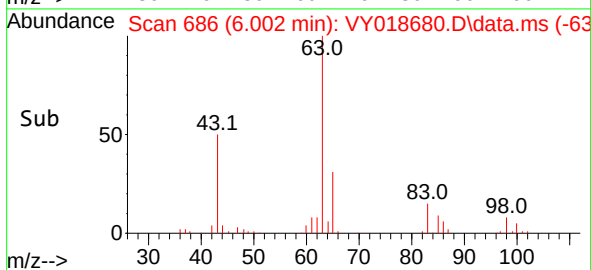
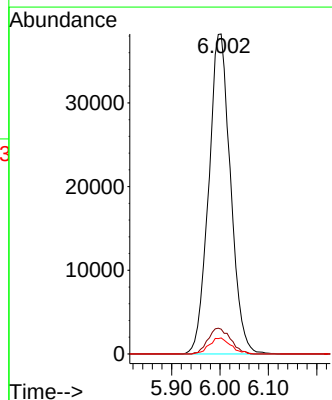
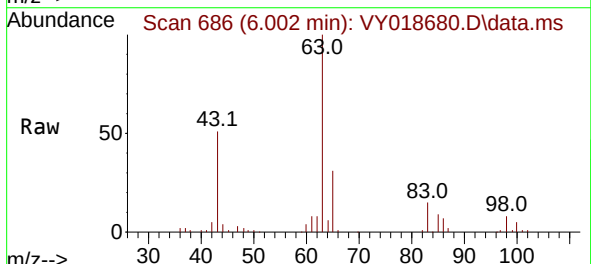
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

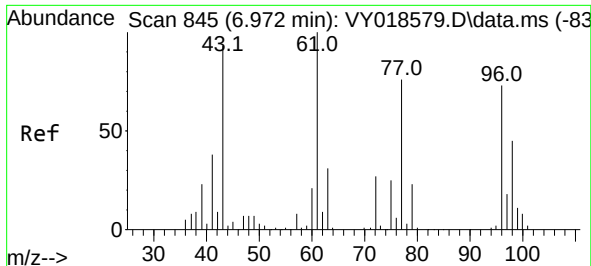
Tgt Ion: 43 Resp: 769543
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.909 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018680.D
 Acq: 24 Jun 2024 17:18

Tgt Ion: 63 Resp: 119569
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.0 2.6 8.0

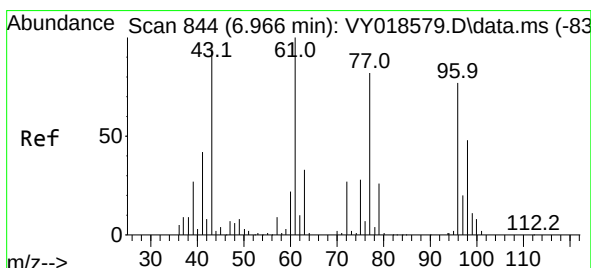
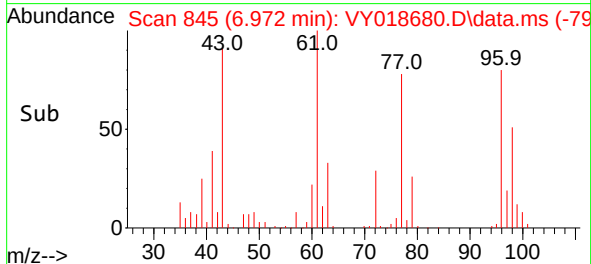
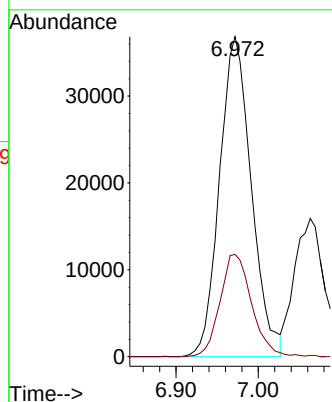
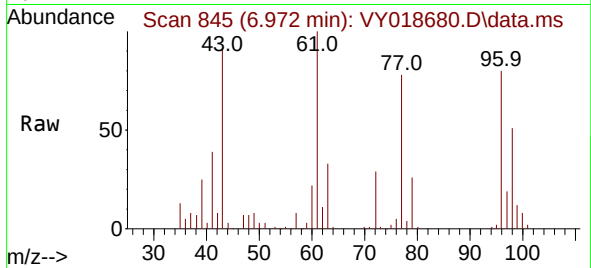




#25
2-Butanone
Concen: 225.875 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

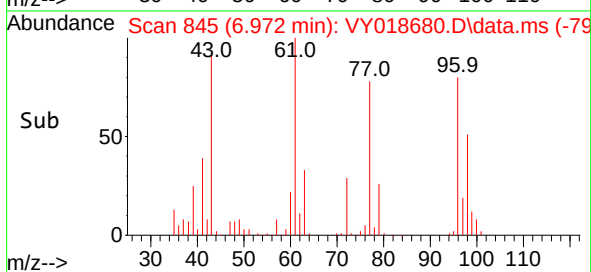
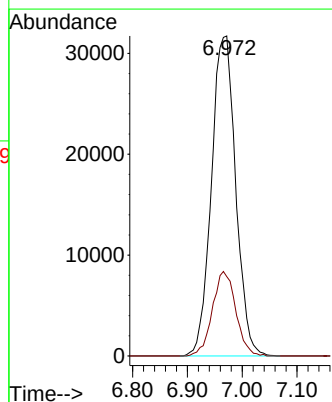
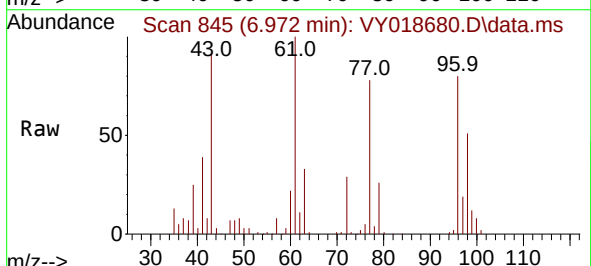
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

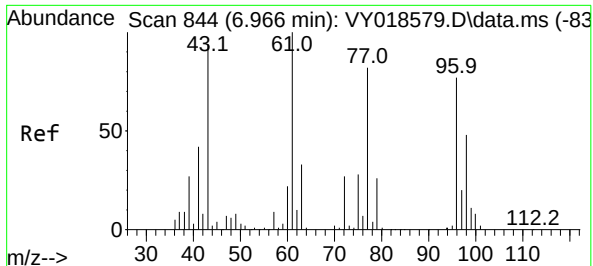
Tgt Ion: 43 Resp: 99144
Ion Ratio Lower Upper
43 100
72 32.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 43.526 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 77 Resp: 97637
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 47.668 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

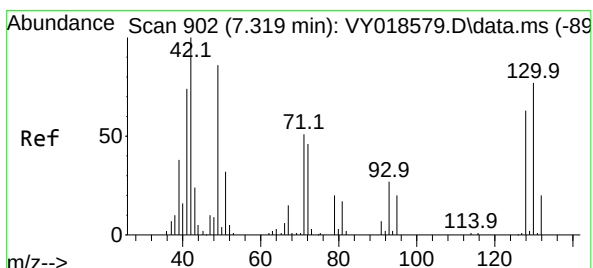
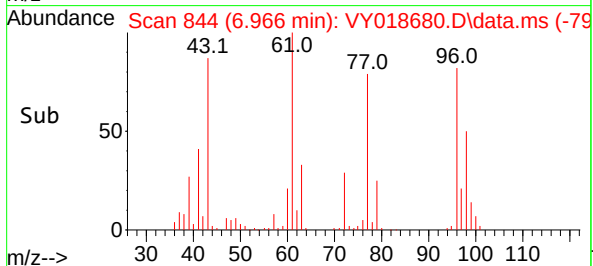
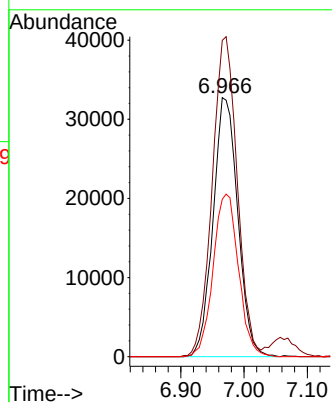
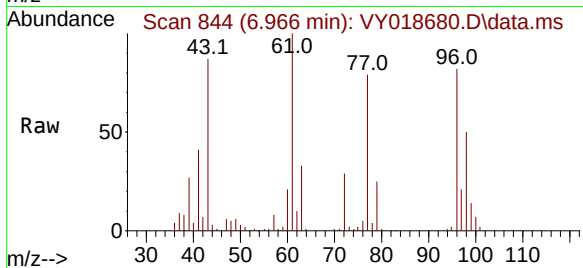
Tgt Ion: 96 Resp: 89002

Ion Ratio Lower Upper

96 100

61 124.8 0.0 256.2

98 64.3 0.0 130.0



#28

Bromochloromethane

Concen: 42.635 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

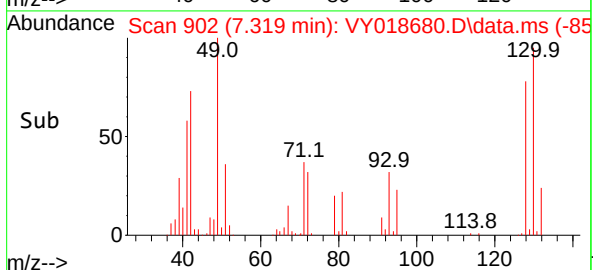
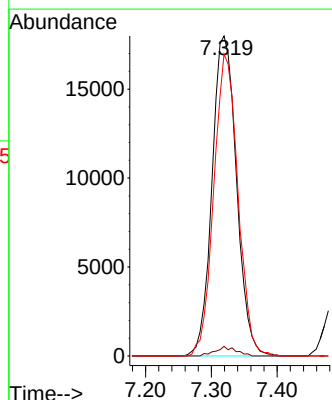
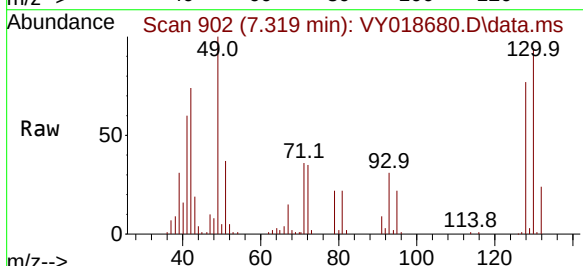
Tgt Ion: 49 Resp: 46527

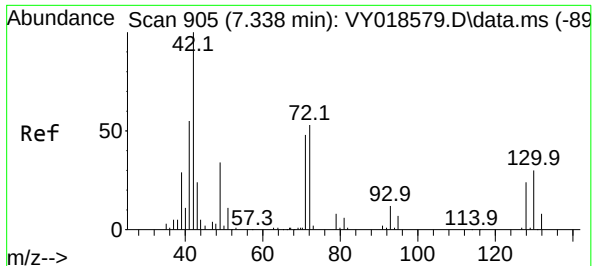
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 93.2 72.7 109.1

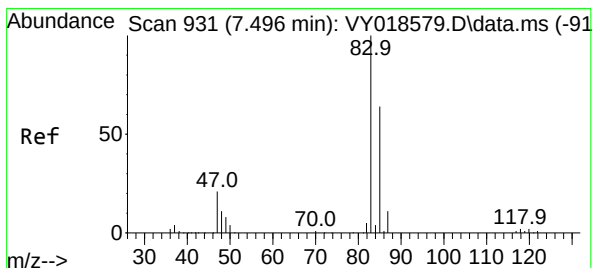
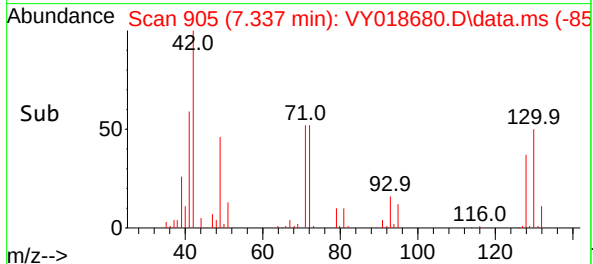
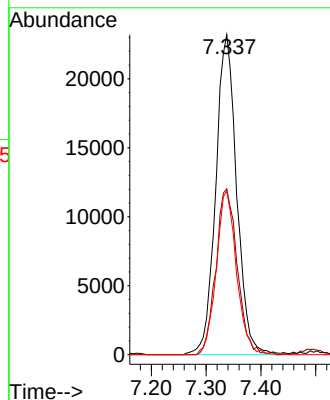
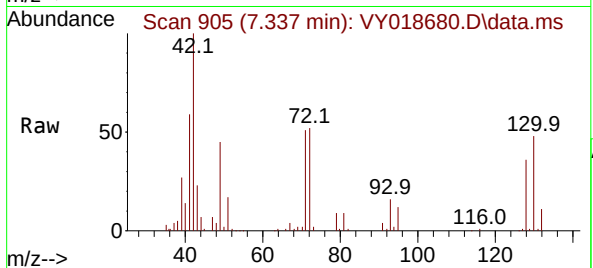




#29
Tetrahydrofuran
Concen: 228.631 ug/l
RT: 7.337 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

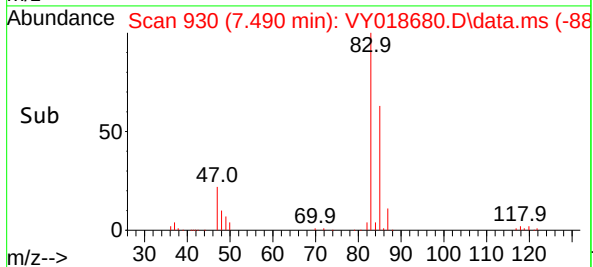
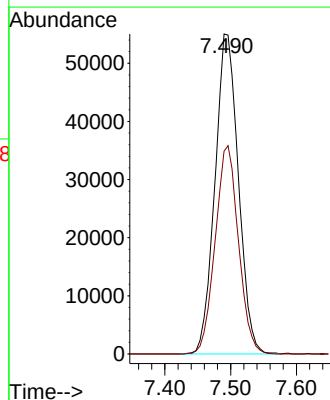
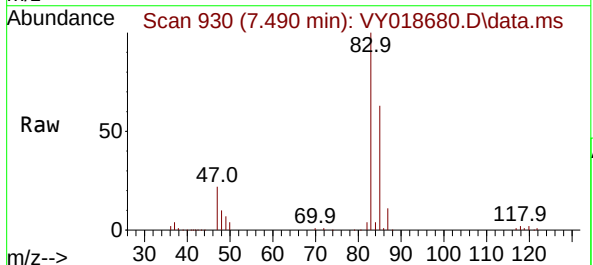
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

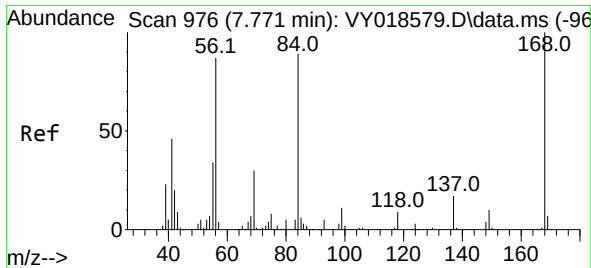
Tgt Ion: 42 Resp: 61585
Ion Ratio Lower Upper
42 100
72 52.7 43.0 64.4
71 49.5 40.8 61.2



#30
Chloroform
Concen: 47.101 ug/l
RT: 7.490 min Scan# 930
Delta R.T. -0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 83 Resp: 136669
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4

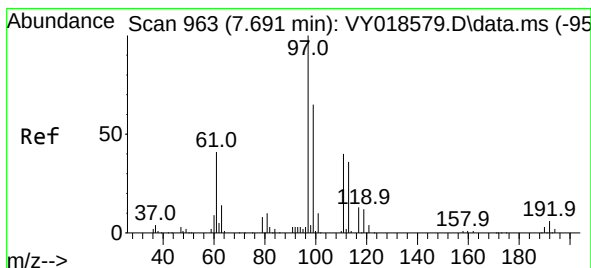
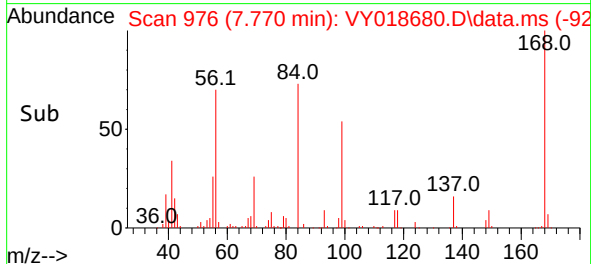
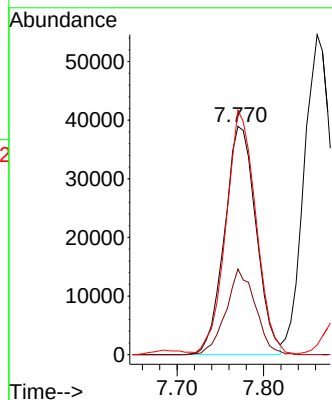
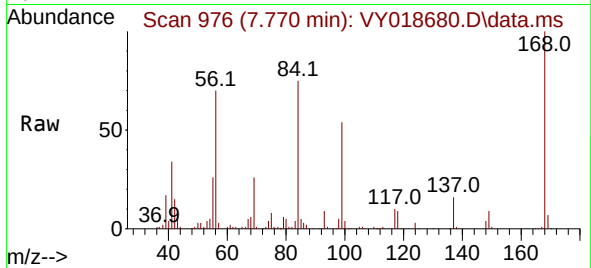




#31
Cyclohexane
Concen: 44.772 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

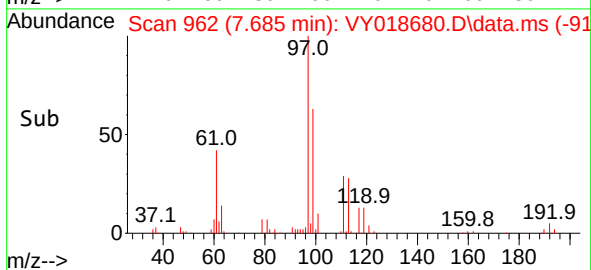
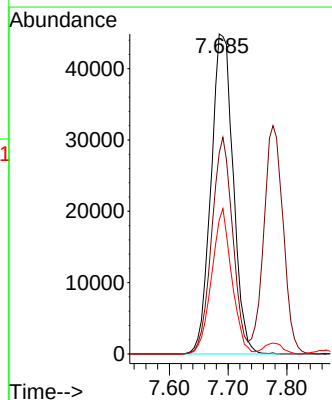
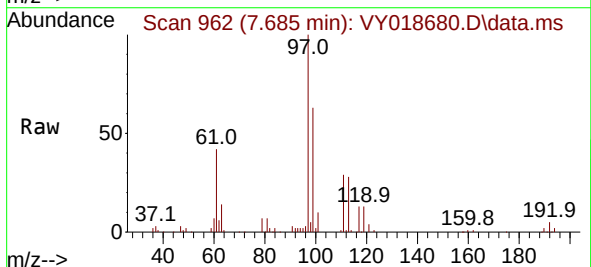
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

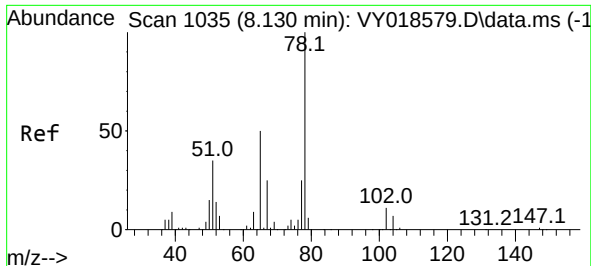
Tgt Ion: 56 Resp: 98709
Ion Ratio Lower Upper
56 100
69 37.5 28.7 43.1
84 105.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 47.692 ug/l
RT: 7.685 min Scan# 962
Delta R.T. -0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 97 Resp: 117564
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 41.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.604 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

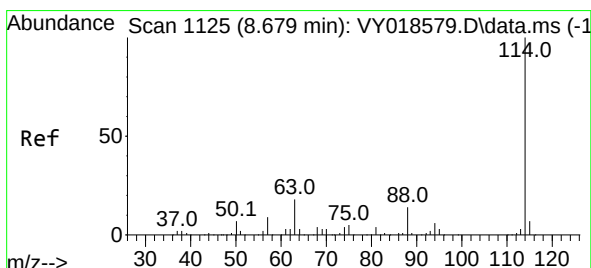
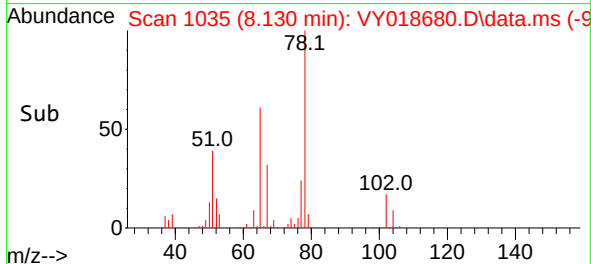
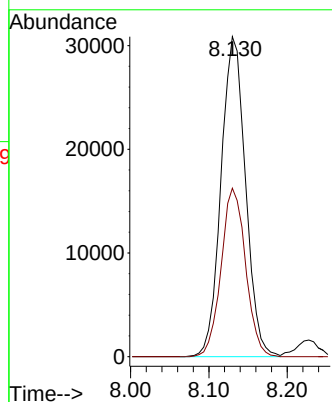
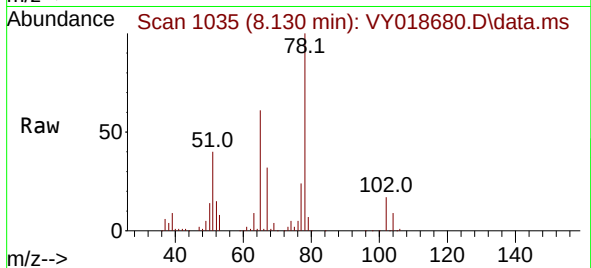
VSTDCCC050EC

Tgt Ion: 65 Resp: 67076

Ion Ratio Lower Upper

65 100

67 52.5 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: VY018680.D

Acq: 24 Jun 2024 17:18

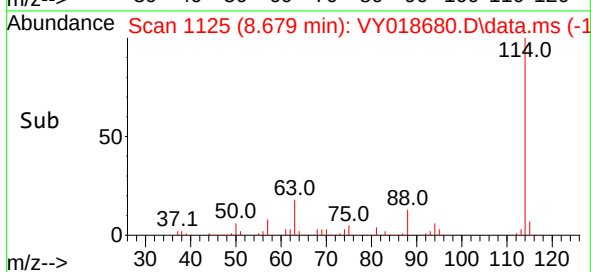
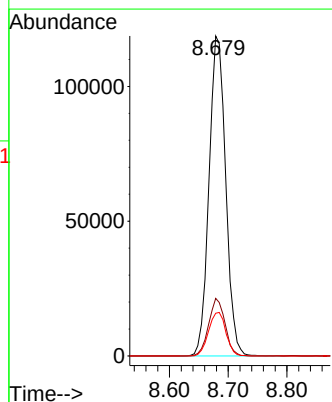
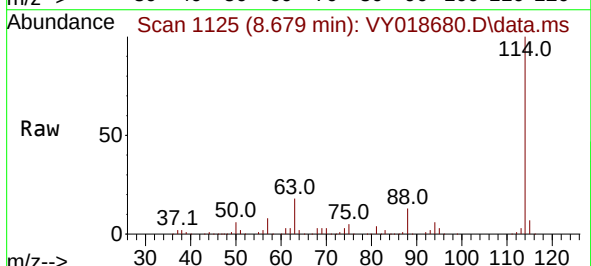
Tgt Ion: 114 Resp: 234051

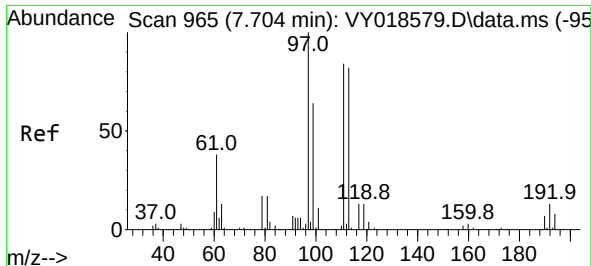
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.4 0.0 27.2

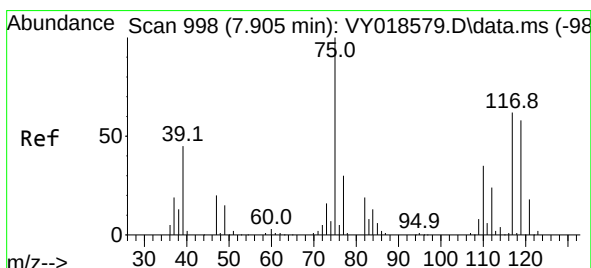
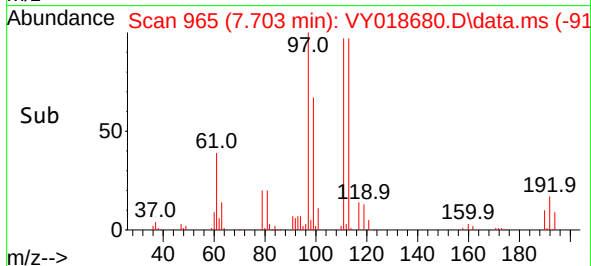
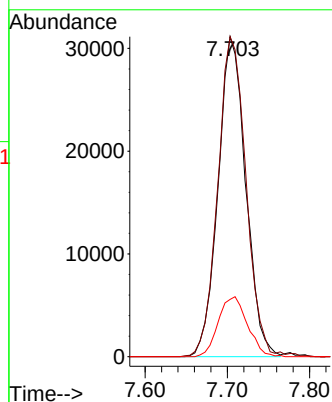
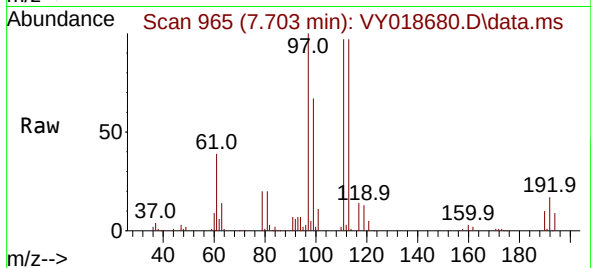




#35
Dibromofluoromethane
Concen: 50.944 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

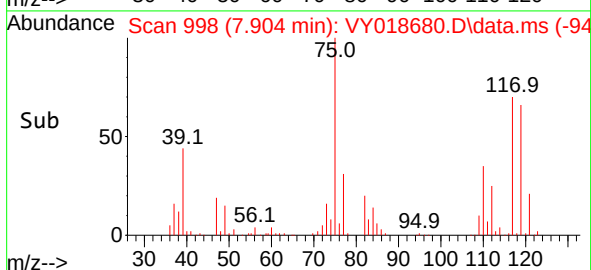
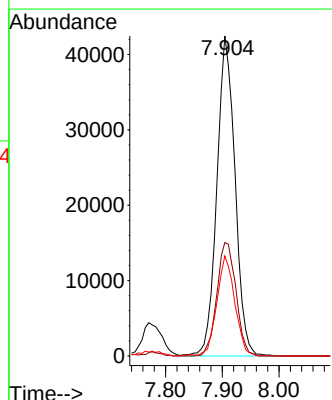
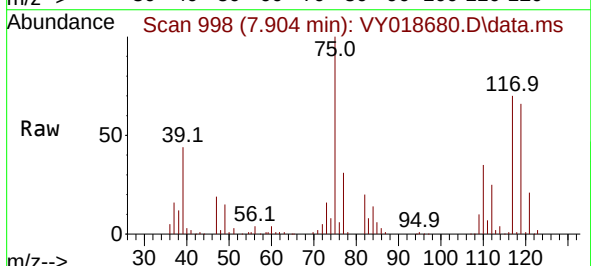
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

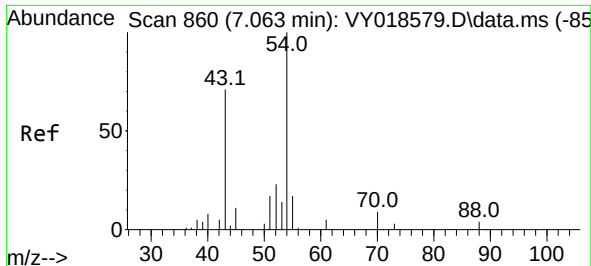
Tgt Ion:	113	Resp:	72736
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	19.8	15.9	23.9



#36
1,1-Dichloropropene
Concen: 48.018 ug/l
RT: 7.904 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion:	75	Resp:	94367
Ion	Ratio	Lower	Upper
75	100		
110	37.3	19.0	57.0
77	31.0	25.3	37.9





#37

Ethyl Acetate

Concen: 44.891 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

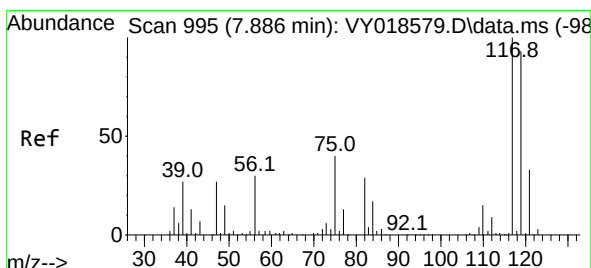
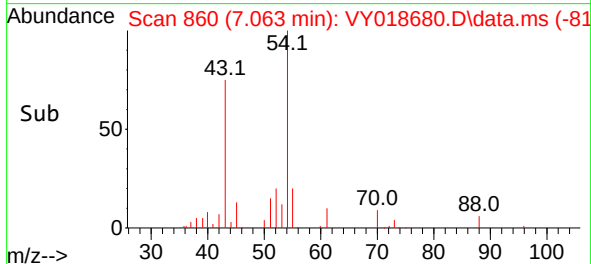
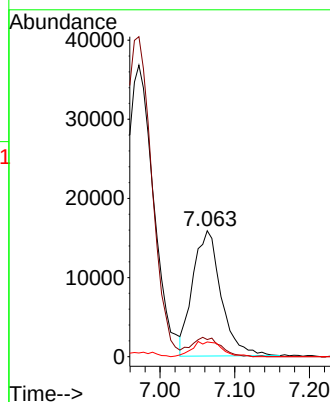
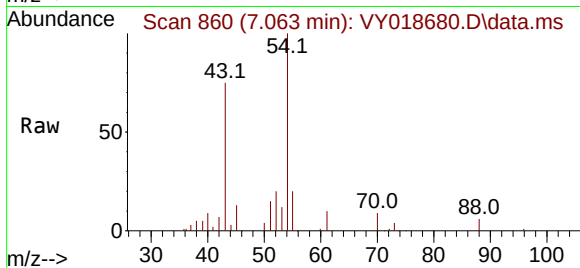
Tgt Ion: 43 Resp: 41588

Ion Ratio Lower Upper

43 100

61 16.1 12.6 19.0

70 12.6 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 50.550 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

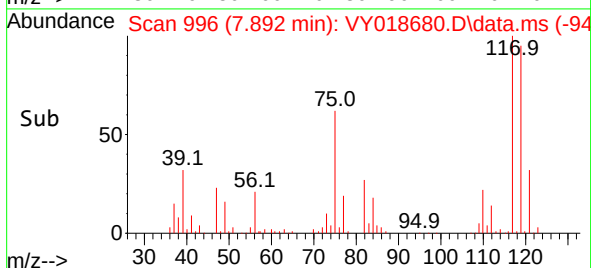
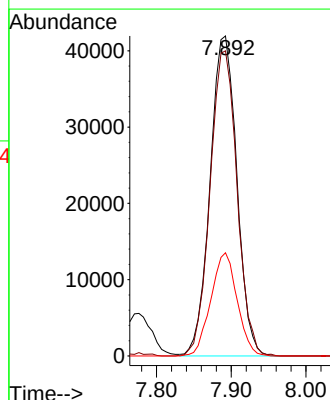
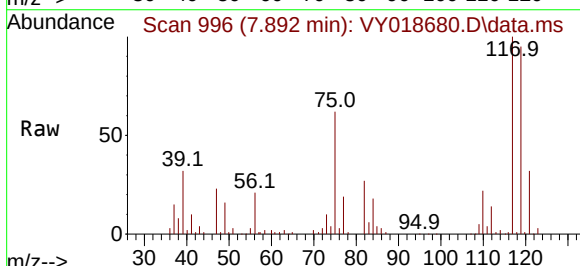
Tgt Ion: 117 Resp: 104223

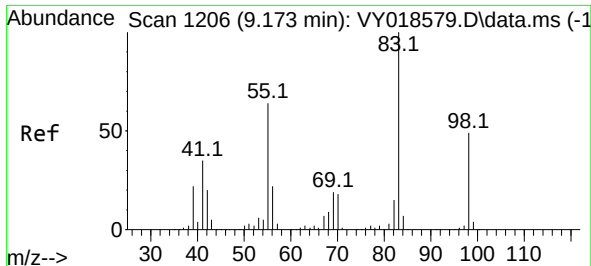
Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.6

121 32.3 24.0 36.0





#39

Methylcyclohexane

Concen: 50.950 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

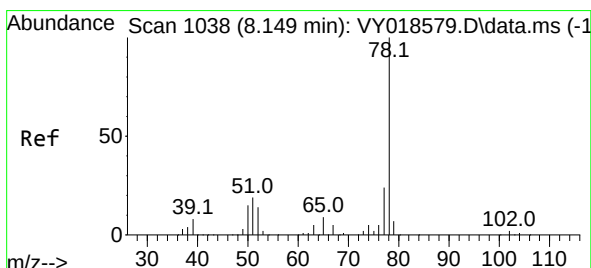
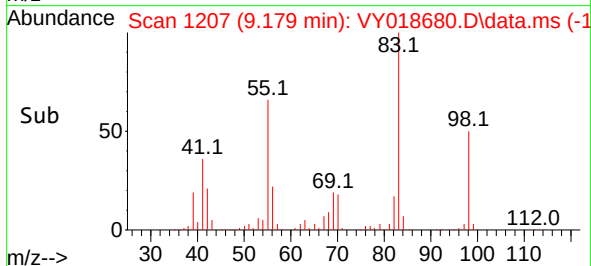
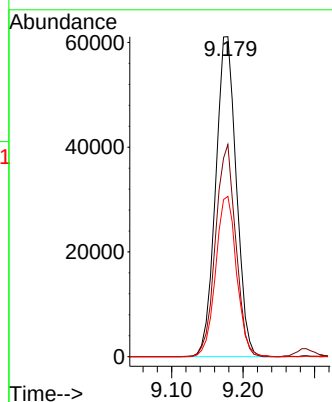
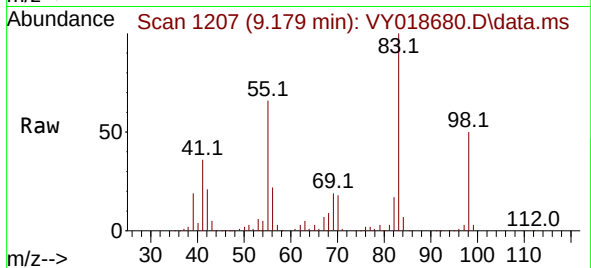
Tgt Ion: 83 Resp: 122687

Ion Ratio Lower Upper

83 100

55 66.3 51.5 77.3

98 50.1 40.5 60.7



#40

Benzene

Concen: 48.832 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018680.D

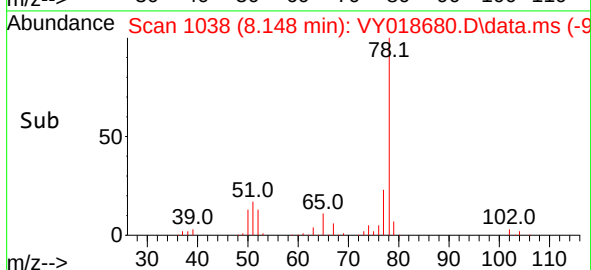
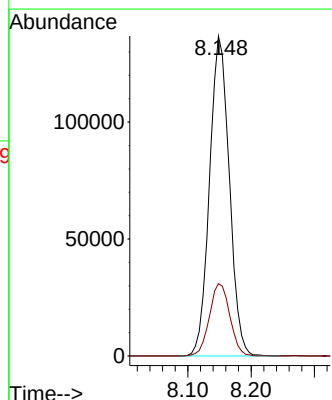
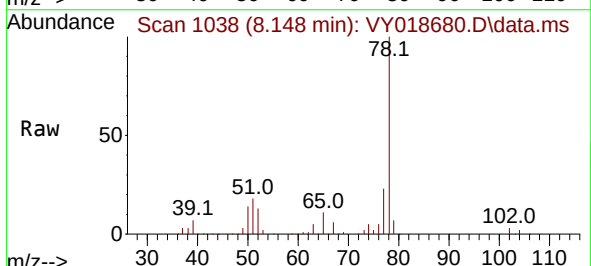
Acq: 24 Jun 2024 17:18

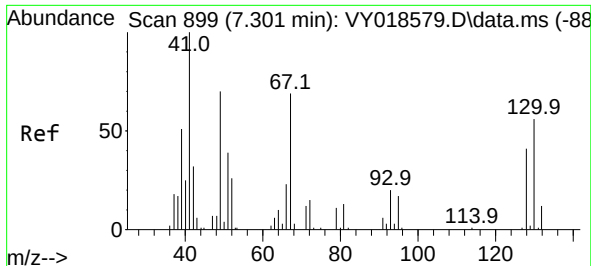
Tgt Ion: 78 Resp: 296795

Ion Ratio Lower Upper

78 100

77 22.6 19.5 29.3

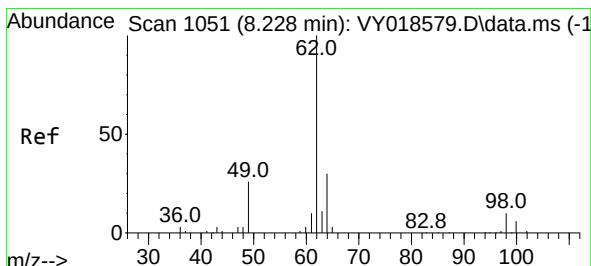
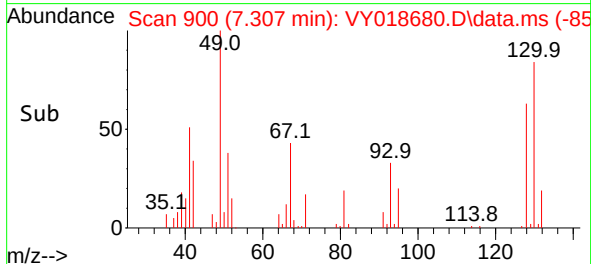
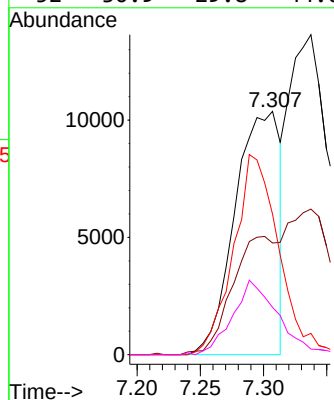
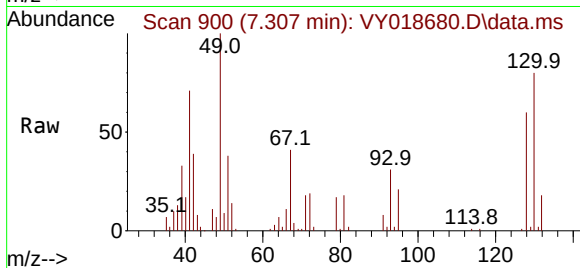




#41
Methacrylonitrile
Concen: 55.200 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

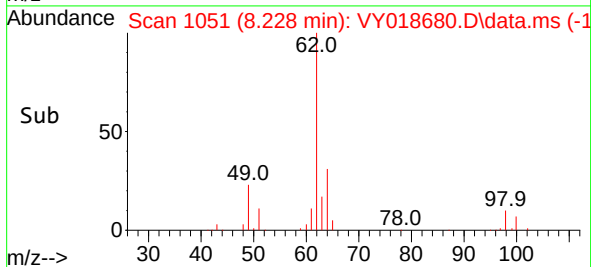
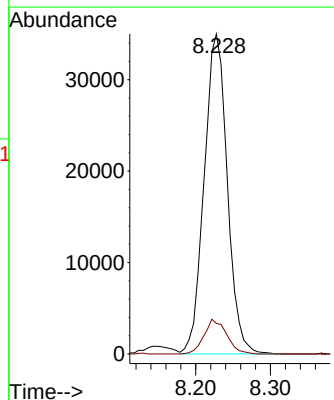
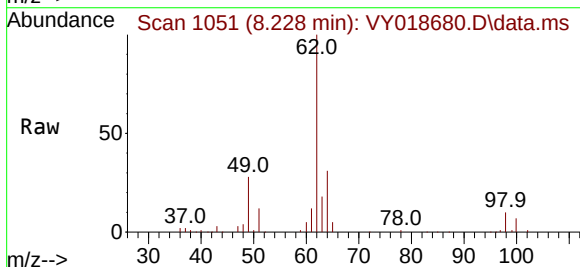
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

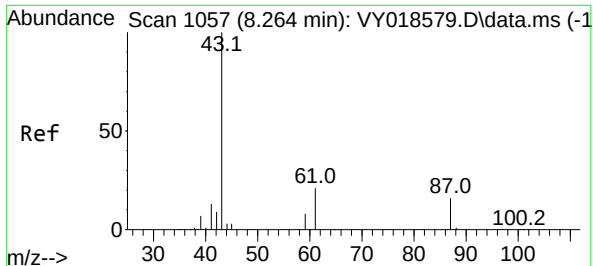
Tgt Ion: 41 Resp: 25720
Ion Ratio Lower Upper
41 100
39 44.3 48.0 72.0#
67 82.8 75.1 112.7
52 30.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 47.428 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 62 Resp: 75204
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 47.208 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

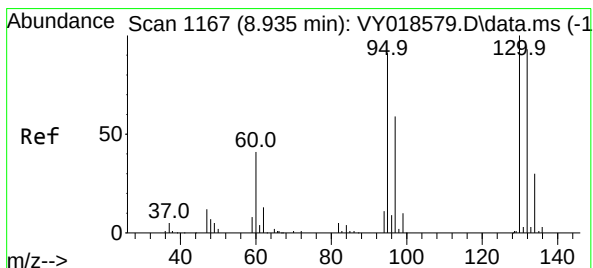
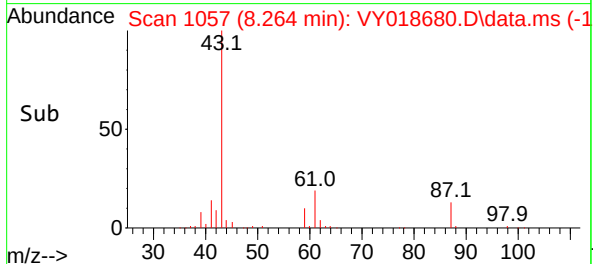
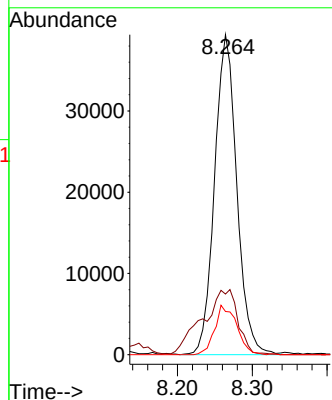
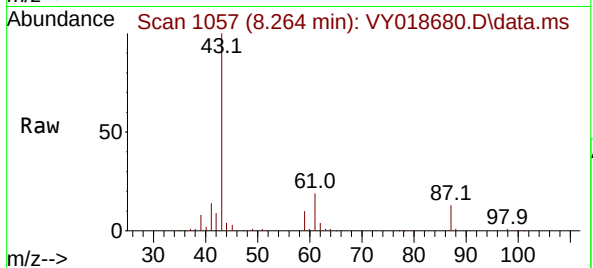
Tgt Ion: 43 Resp: 81629

Ion Ratio Lower Upper

43 100

61 32.4 27.9 41.9

87 15.3 13.1 19.7



#44

Trichloroethene

Concen: 49.466 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY018680.D

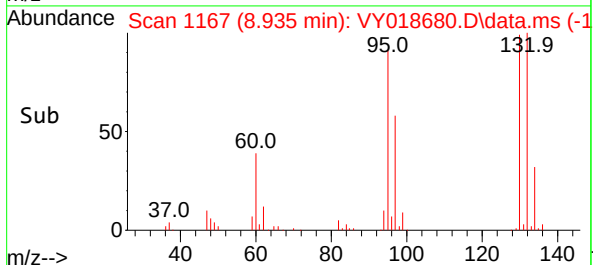
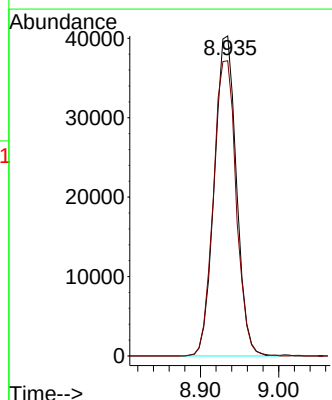
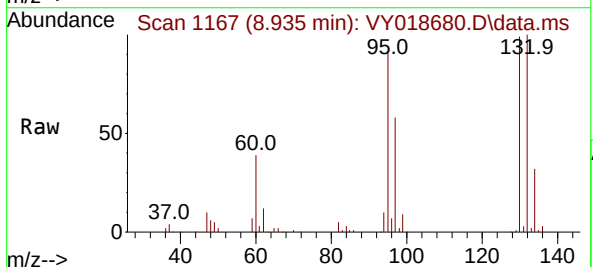
Acq: 24 Jun 2024 17:18

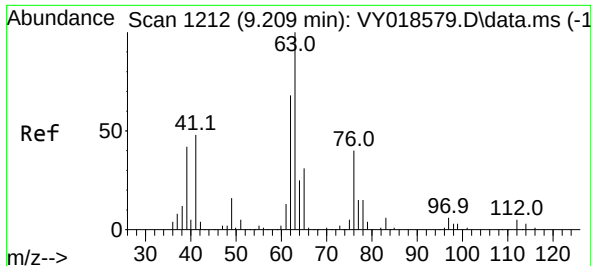
Tgt Ion:130 Resp: 78713

Ion Ratio Lower Upper

130 100

95 92.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 47.303 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

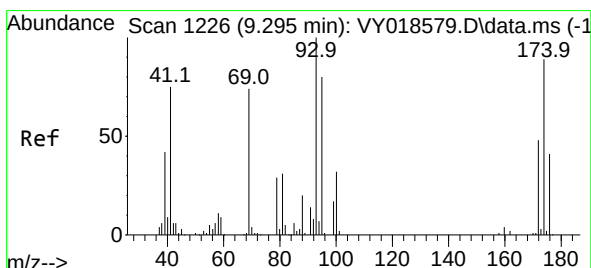
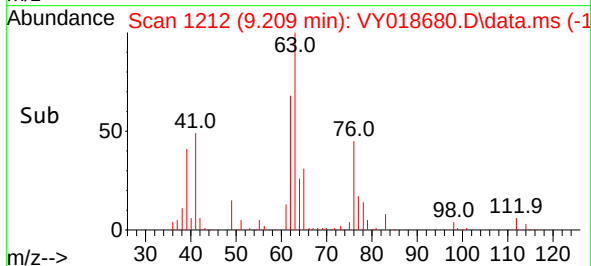
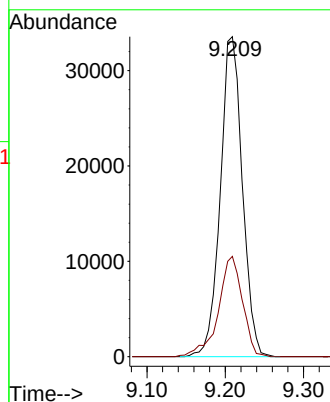
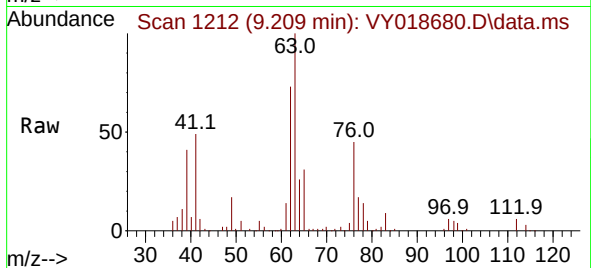
VSTDCCC050EC

Tgt Ion: 63 Resp: 65740

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 49.991 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

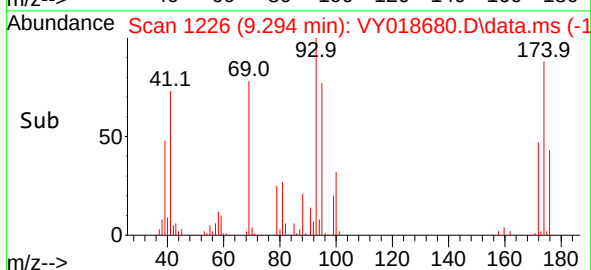
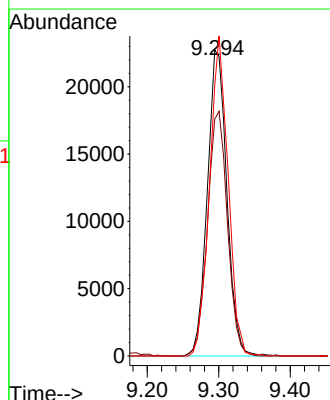
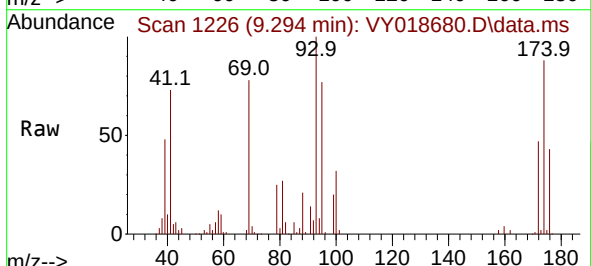
Tgt Ion: 93 Resp: 43109

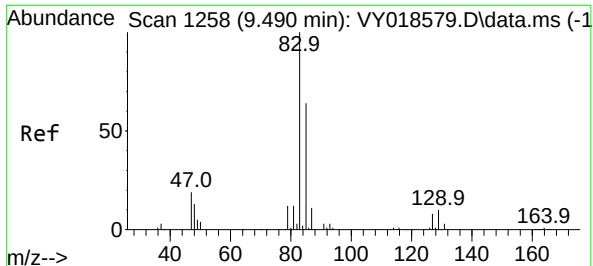
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 99.7 80.9 121.3

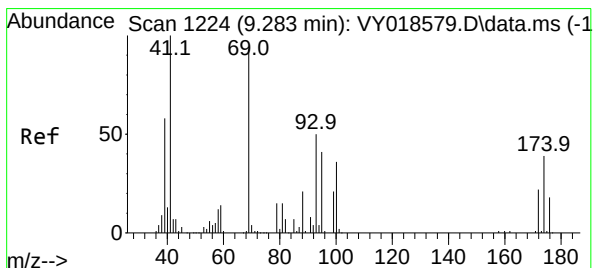
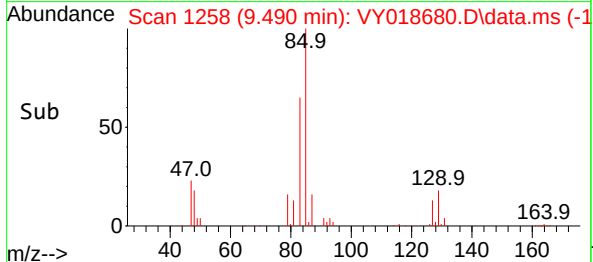
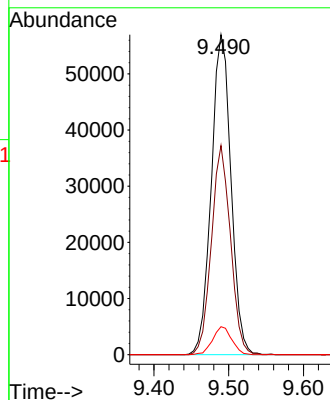
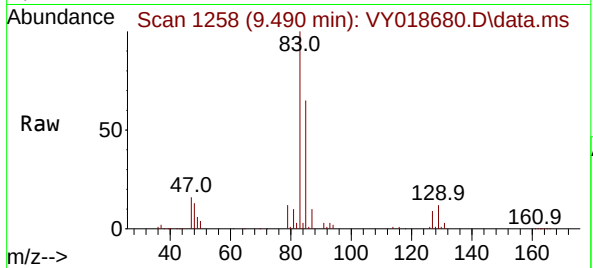




#47
Bromodichloromethane
Concen: 50.757 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

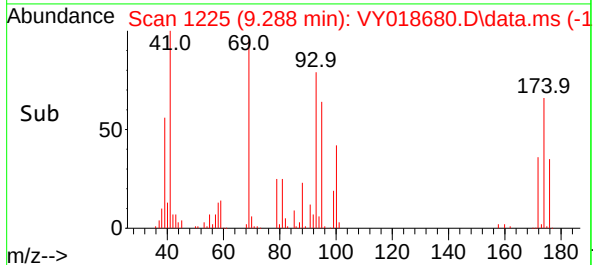
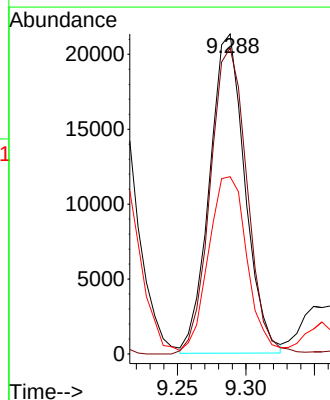
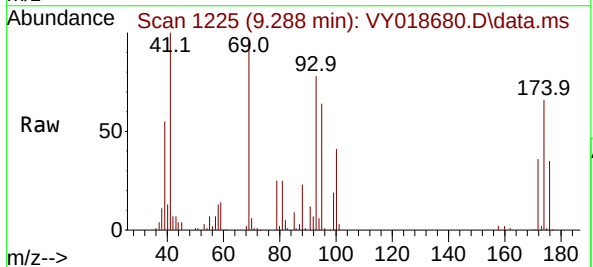
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

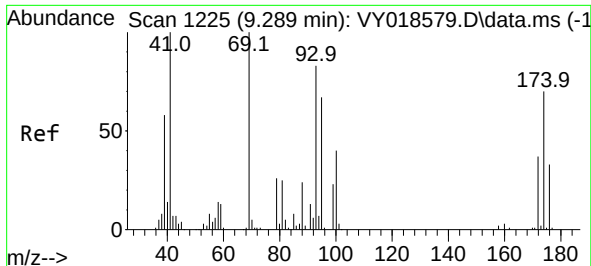
Tgt Ion: 83 Resp: 104465
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 49.266 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 41 Resp: 38351
Ion Ratio Lower Upper
41 100
69 99.5 84.1 126.1
39 59.8 43.6 65.4





#49

1,4-Dioxane

Concen: 974.770 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

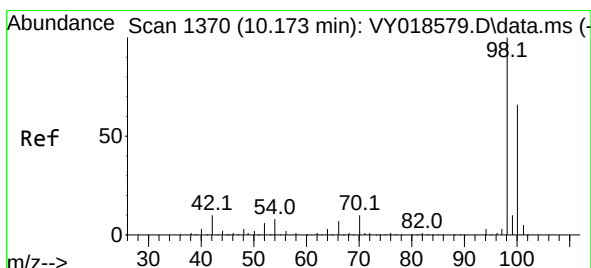
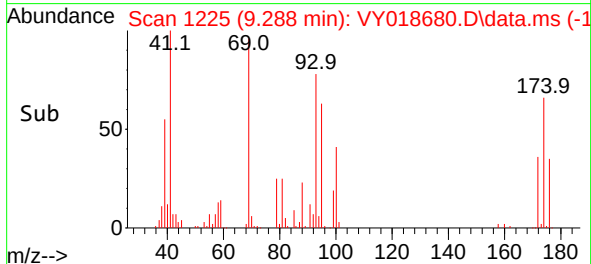
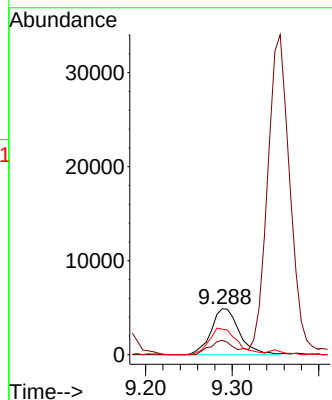
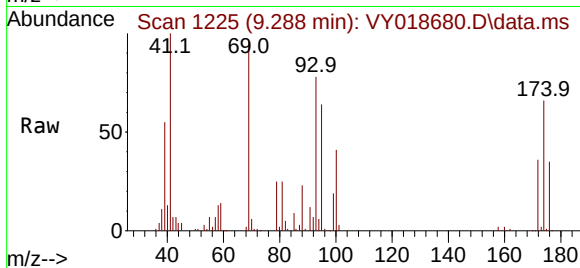
Tgt Ion: 88 Resp: 11055

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 56.7 49.3 73.9



#50

Toluene-d8

Concen: 49.298 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018680.D

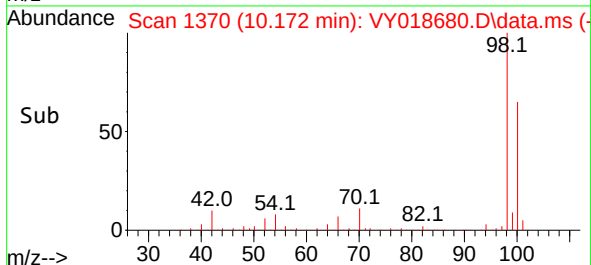
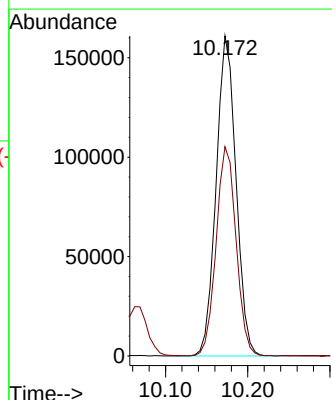
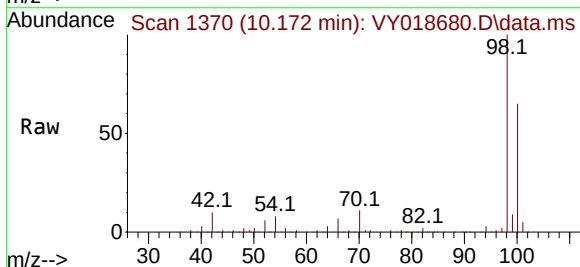
Acq: 24 Jun 2024 17:18

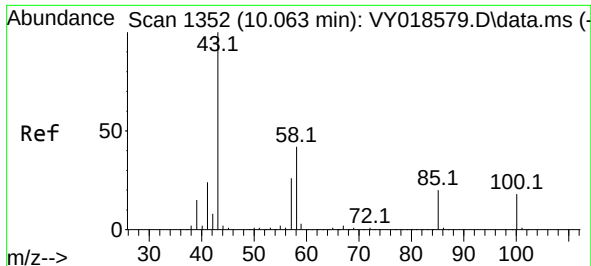
Tgt Ion: 98 Resp: 270678

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

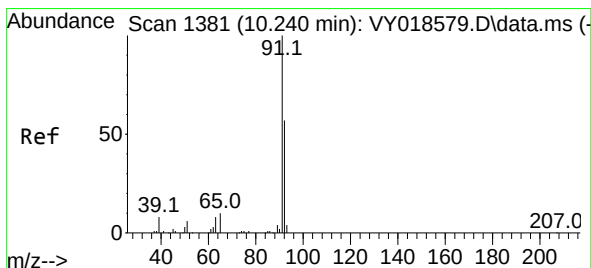
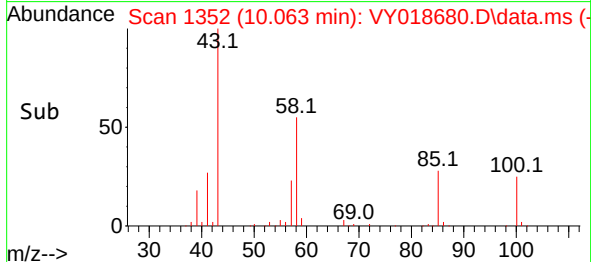
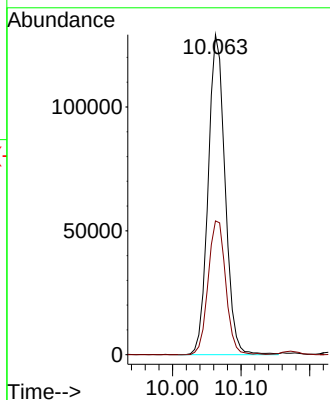
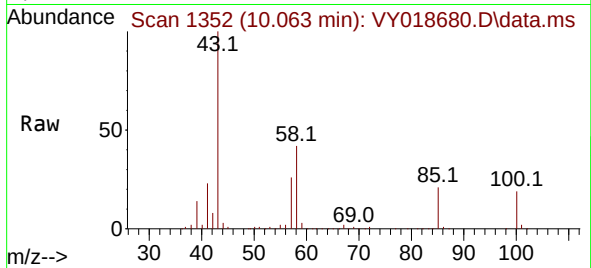




#51
4-Methyl-2-Pentanone
Concen: 243.810 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

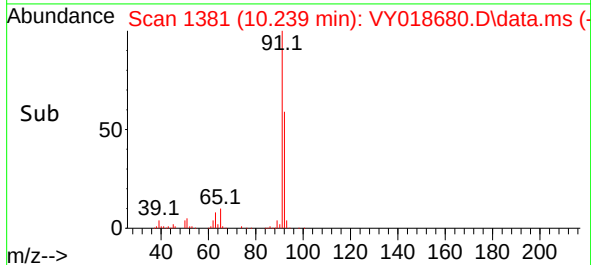
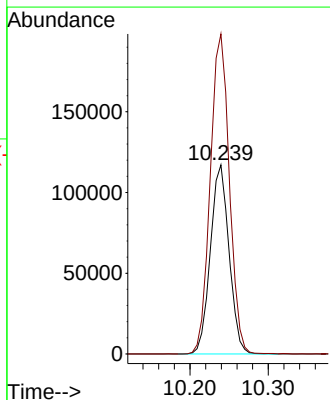
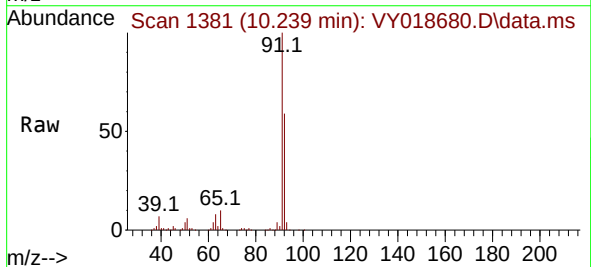
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

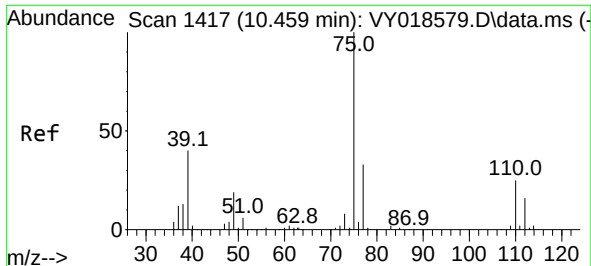
Tgt Ion: 43 Resp: 222063
Ion Ratio Lower Upper
43 100
58 43.5 35.7 53.5



#52
Toluene
Concen: 49.659 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 92 Resp: 193780
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 51.390 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

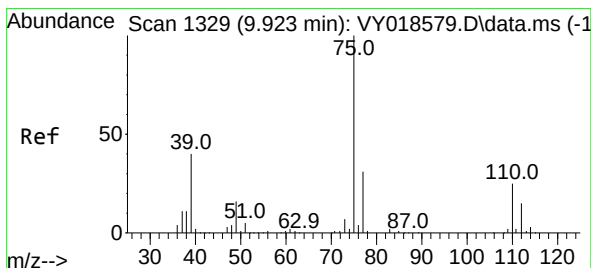
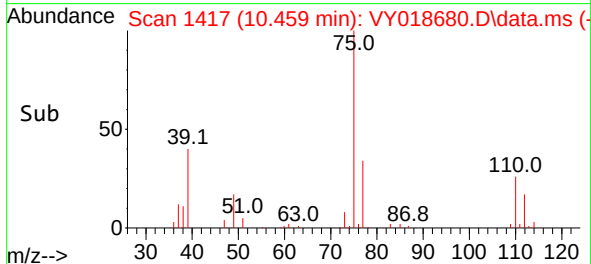
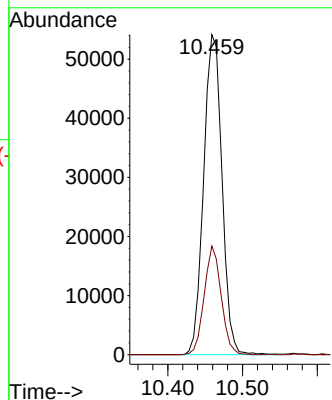
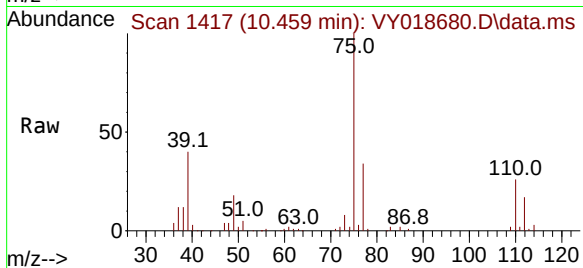
VSTDCCC050EC

Tgt Ion: 75 Resp: 92429

Ion Ratio Lower Upper

75 100

77 33.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 50.035 ug/l

RT: 9.922 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

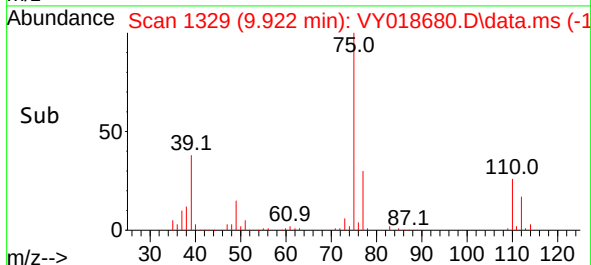
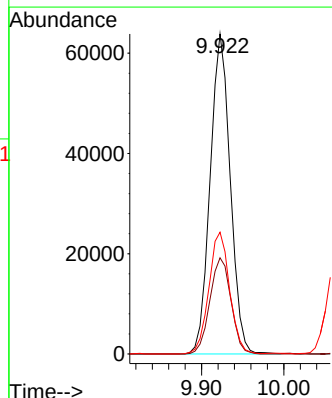
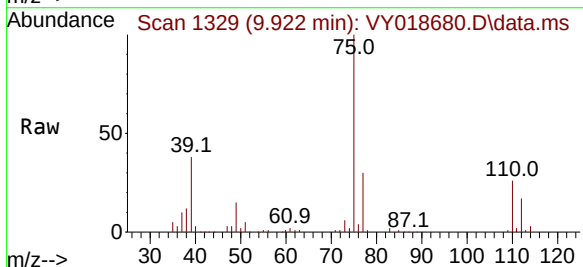
Tgt Ion: 75 Resp: 108600

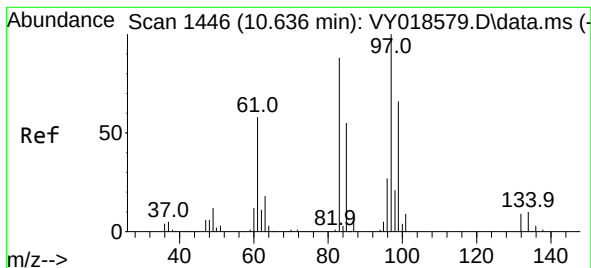
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 38.1 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 50.698 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58148

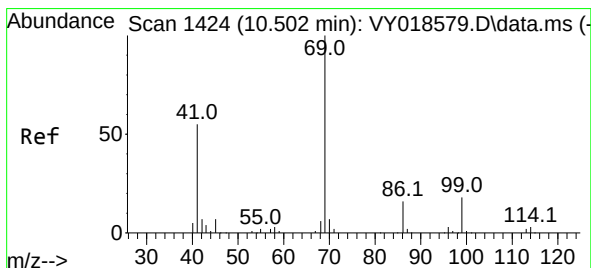
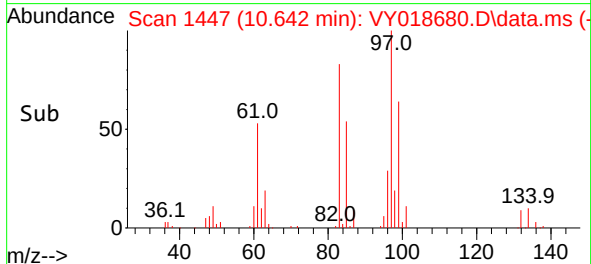
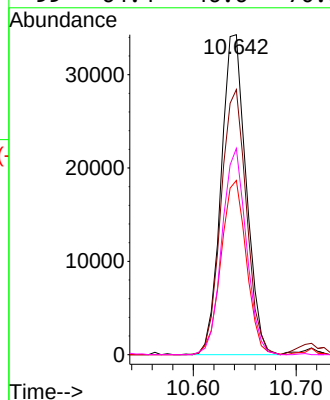
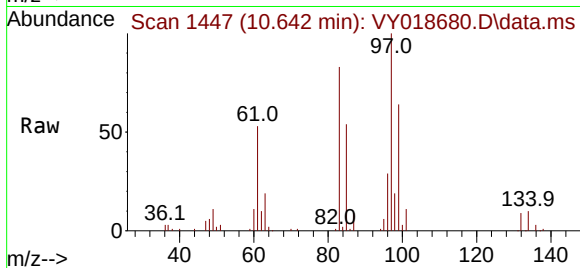
Ion Ratio Lower Upper

97 100

83 82.8 67.5 101.3

85 54.5 42.9 64.3

99 64.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.892 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

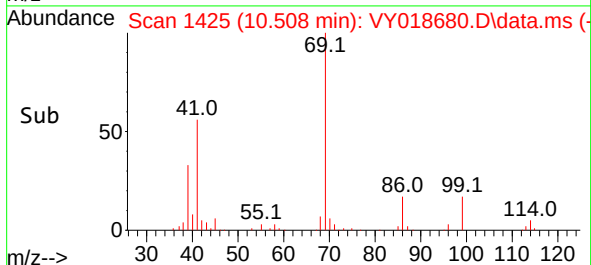
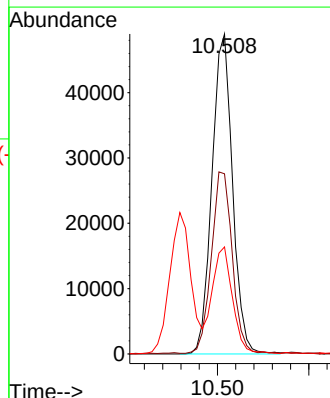
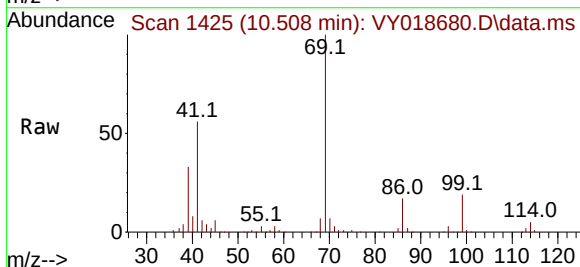
Tgt Ion: 69 Resp: 76382

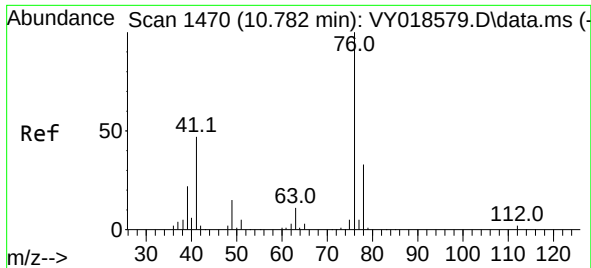
Ion Ratio Lower Upper

69 100

41 58.6 42.3 63.5

39 32.9 22.9 34.3

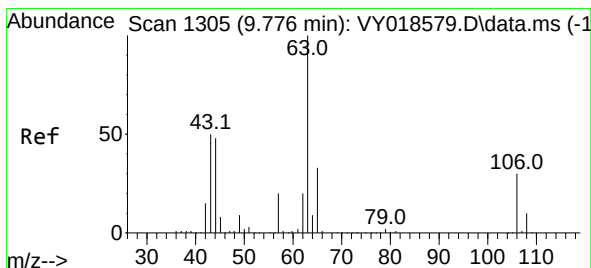
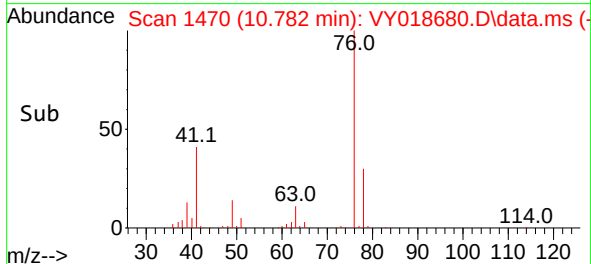
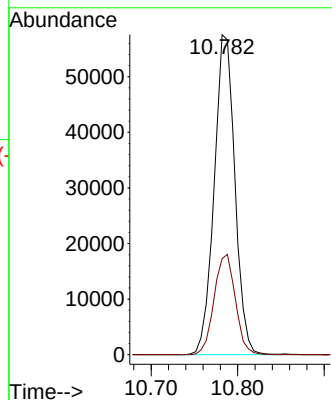
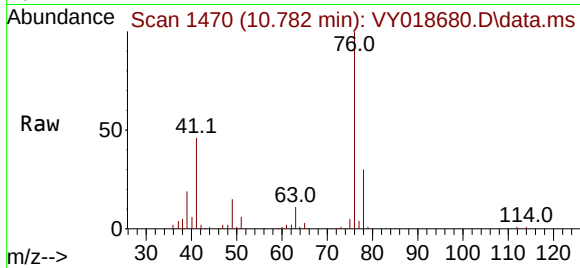




#57
1,3-Dichloropropane
Concen: 50.164 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

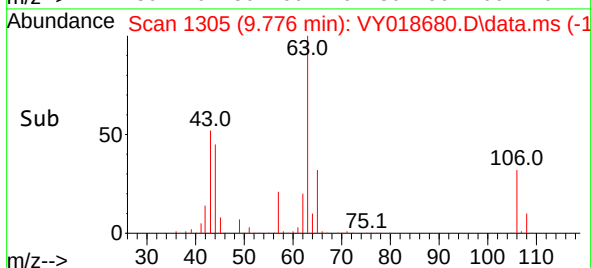
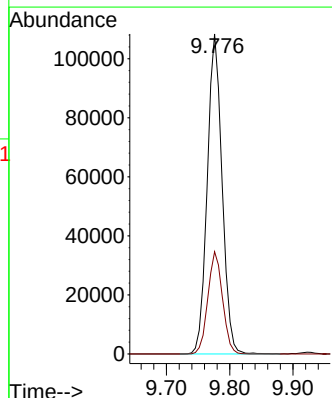
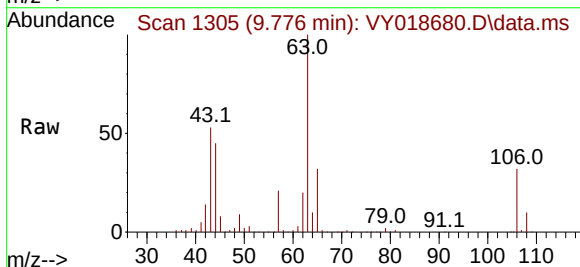
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

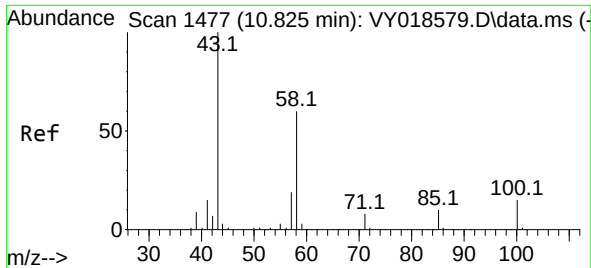
Tgt Ion: 76 Resp: 95577
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 243.532 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 63 Resp: 176453
Ion Ratio Lower Upper
63 100
106 31.6 23.7 35.5

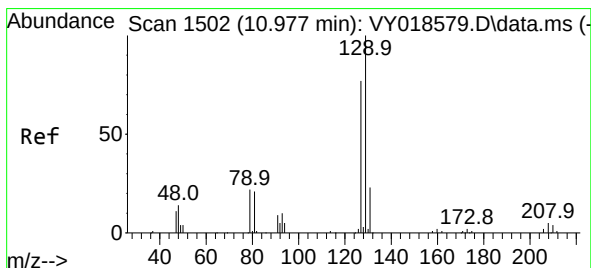
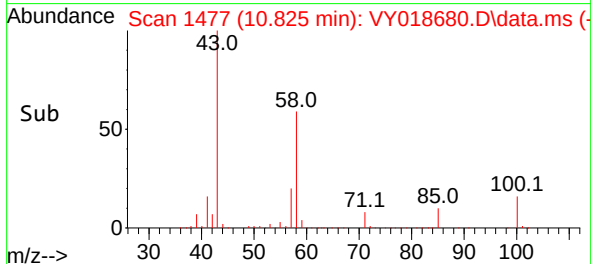
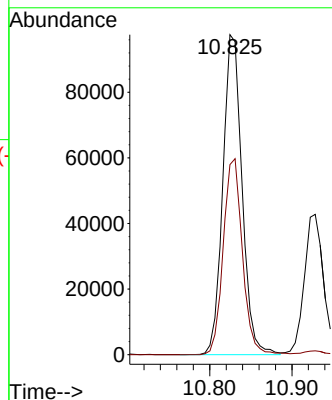
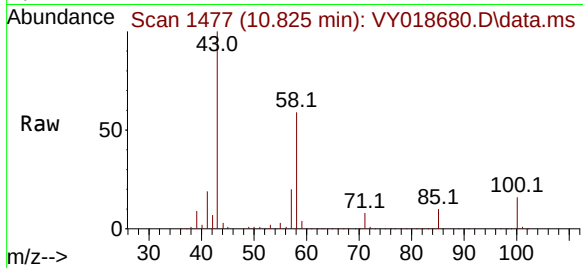




#59
2-Hexanone
Concen: 248.261 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

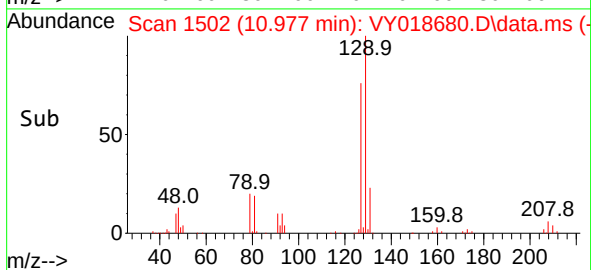
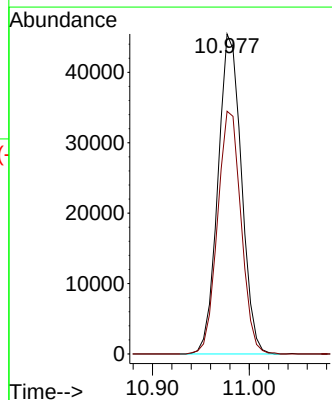
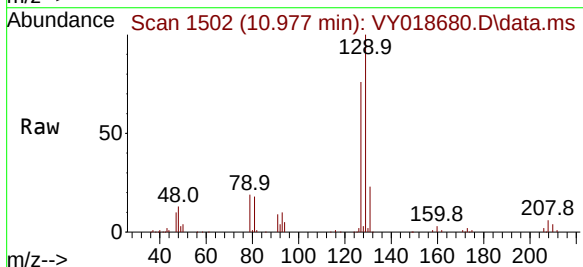
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

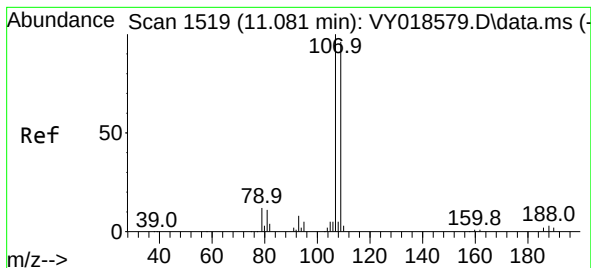
Tgt Ion: 43 Resp: 158387
Ion Ratio Lower Upper
43 100
58 61.2 31.4 94.0



#60
Dibromochloromethane
Concen: 53.687 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion:129 Resp: 76493
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0

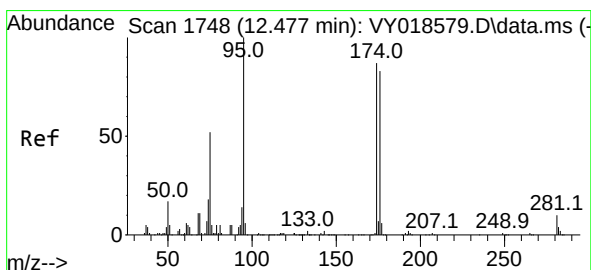
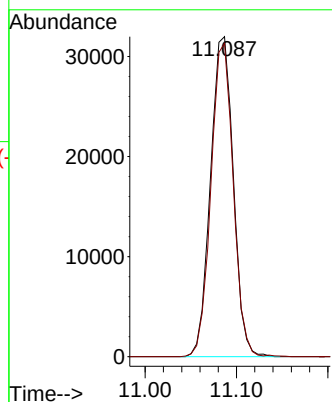
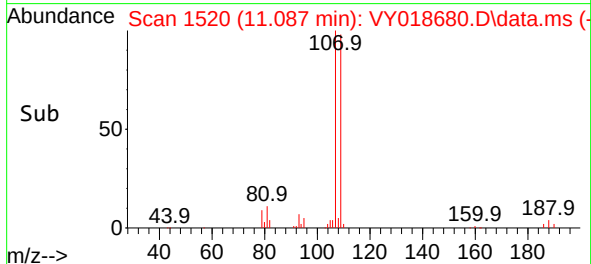
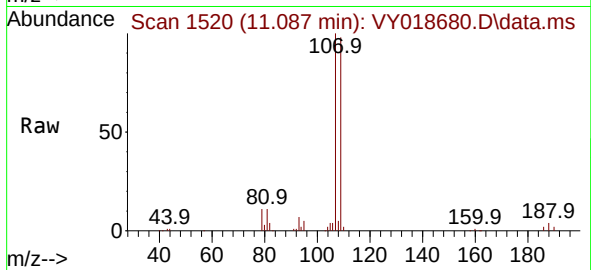




#61
1,2-Dibromoethane
Concen: 52.301 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

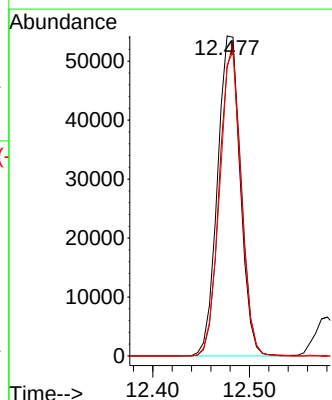
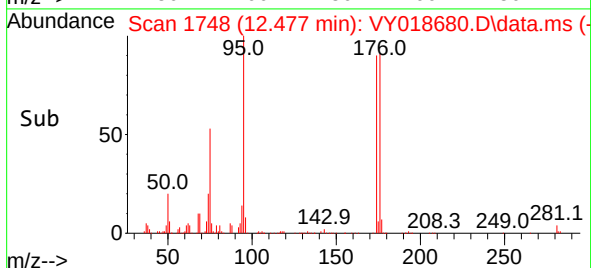
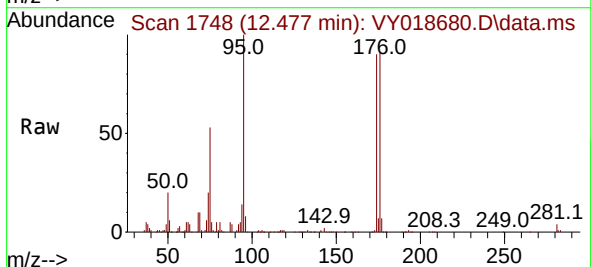
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

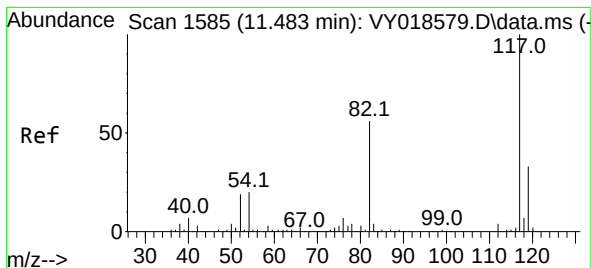
Tgt Ion:107 Resp: 55439
Ion Ratio Lower Upper
107 100
109 95.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 95 Resp: 88730
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 90.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

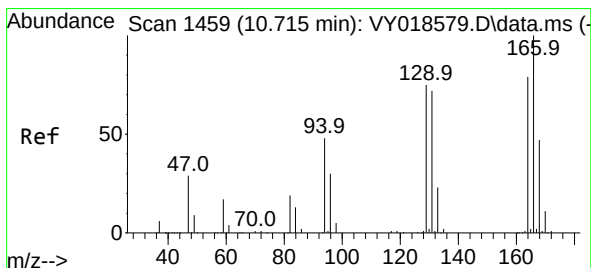
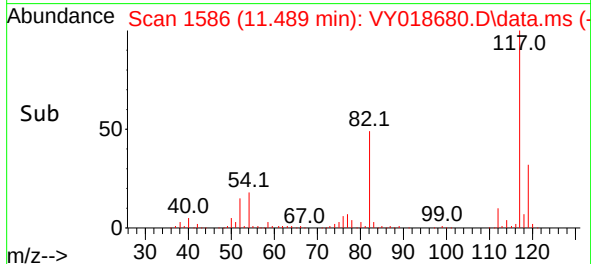
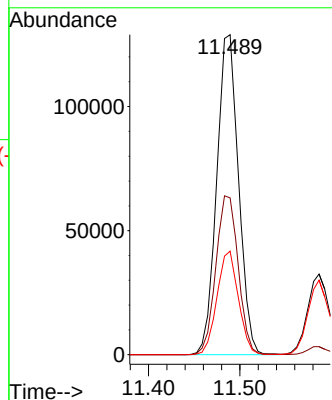
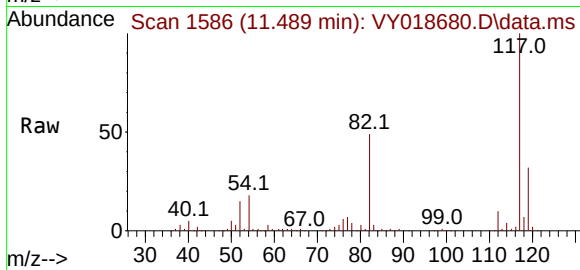
Tgt Ion:117 Resp: 214442

Ion Ratio Lower Upper

117 100

82 49.0 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 53.004 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Tgt Ion:164 Resp: 81069

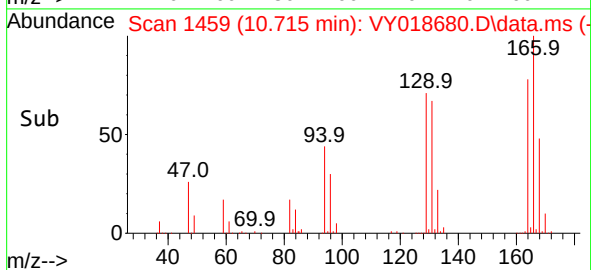
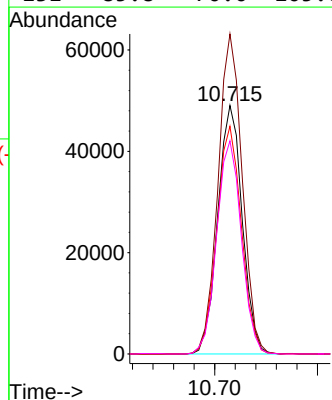
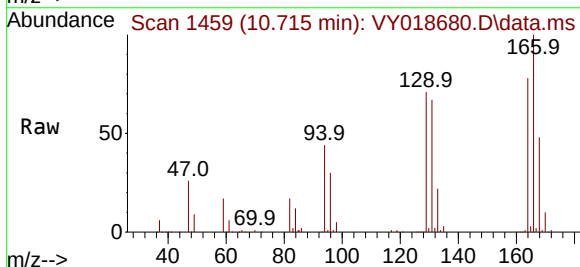
Ion Ratio Lower Upper

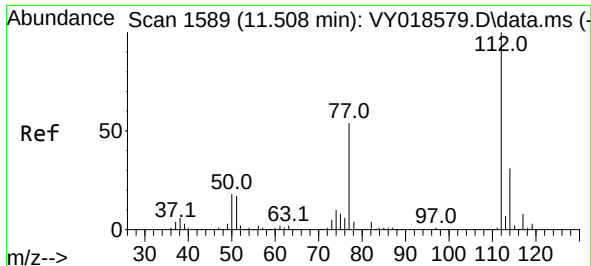
164 100

166 128.8 102.6 154.0

129 91.6 72.0 108.0

131 85.8 70.0 105.0

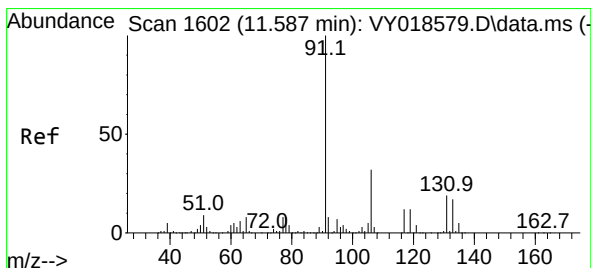
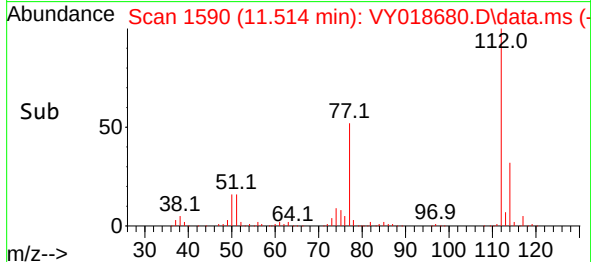
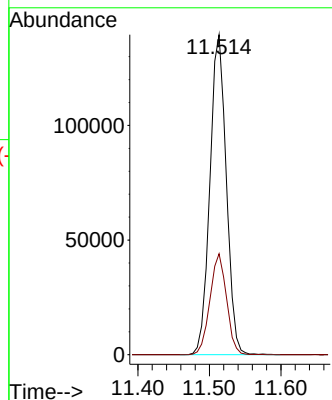
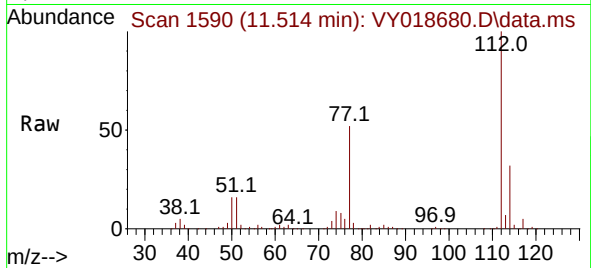




#65
Chlorobenzene
Concen: 50.126 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

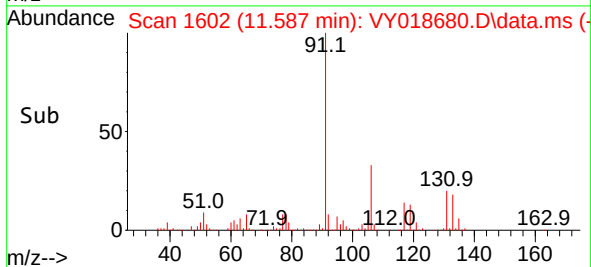
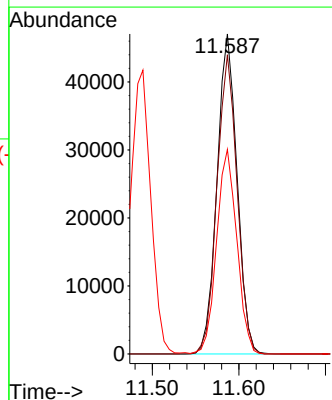
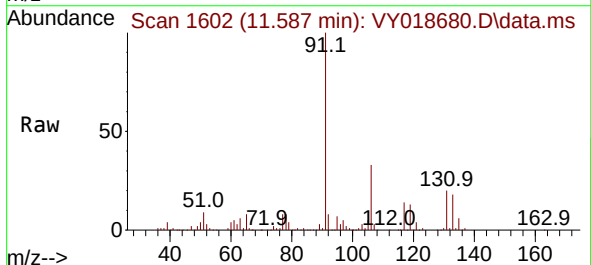
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

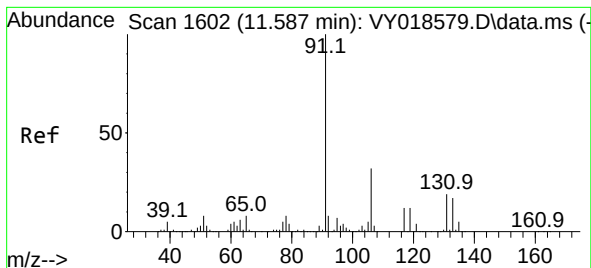
Tgt Ion:112 Resp: 222056
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.940 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion:131 Resp: 75622
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.3
119 64.5 34.1 102.2





#67

Ethyl Benzene

Concen: 48.363 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

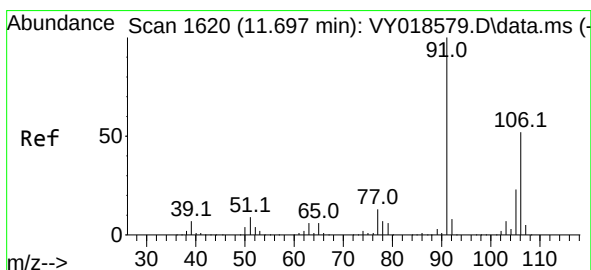
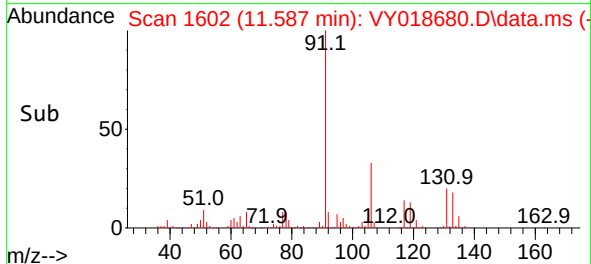
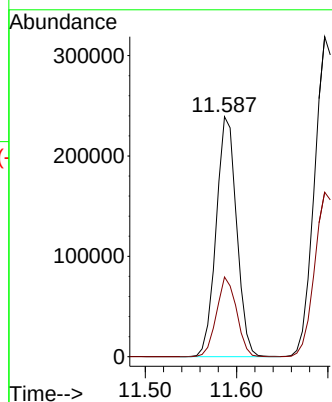
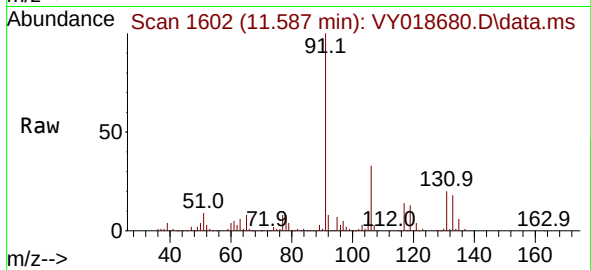
VSTDCCC050EC

Tgt Ion: 91 Resp: 371744

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 99.234 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY018680.D

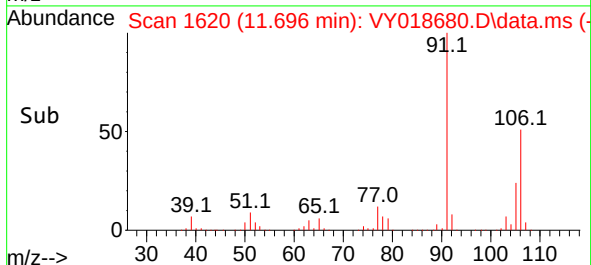
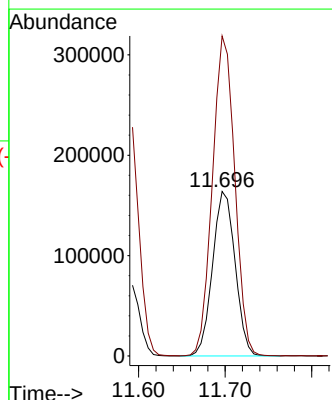
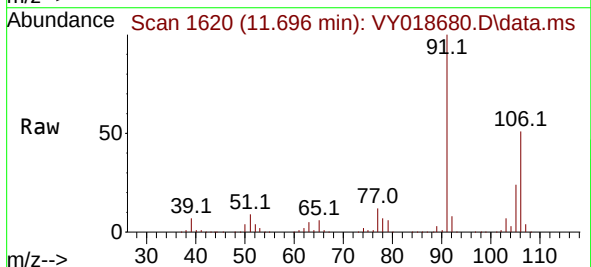
Acq: 24 Jun 2024 17:18

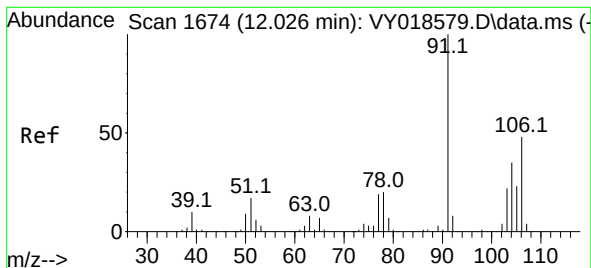
Tgt Ion: 106 Resp: 296805

Ion Ratio Lower Upper

106 100

91 192.8 156.0 234.0

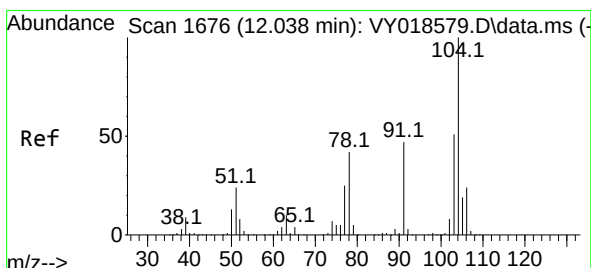
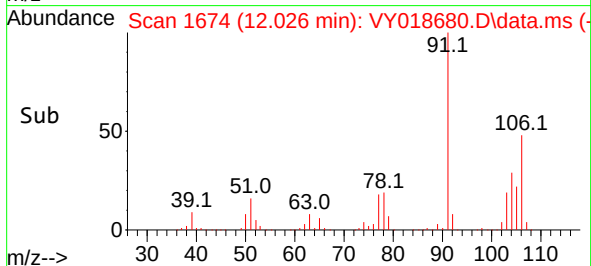
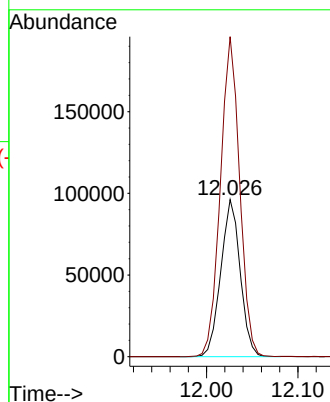
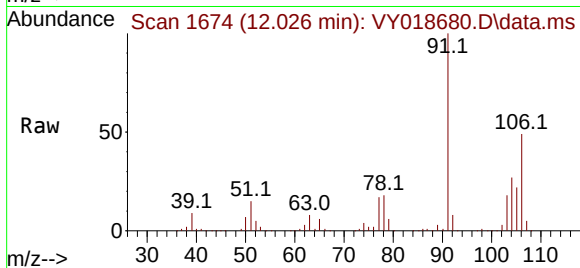




#69
o-Xylene
Concen: 49.429 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

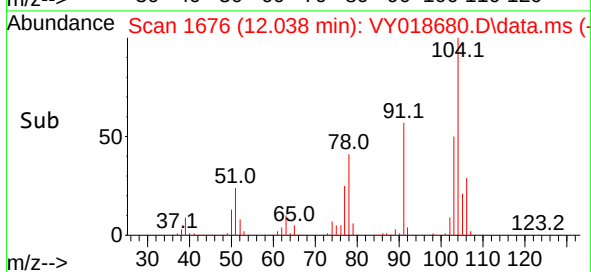
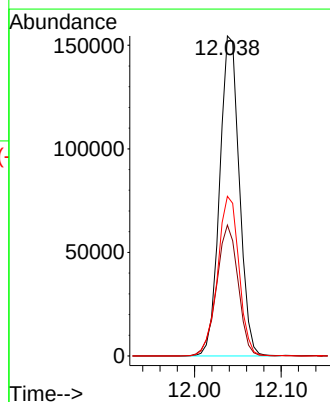
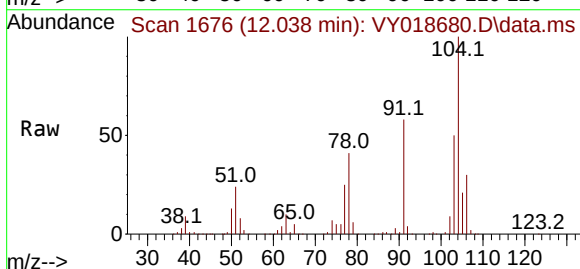
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

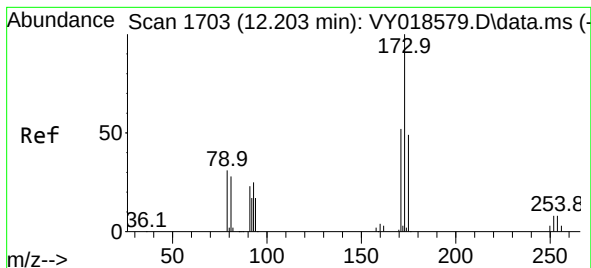
Tgt Ion:106 Resp: 142166
Ion Ratio Lower Upper
106 100
91 202.3 103.6 310.8



#70
Styrene
Concen: 51.324 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion:104 Resp: 243867
Ion Ratio Lower Upper
104 100
78 44.7 37.0 55.4
103 54.2 44.2 66.2





#71

Bromoform

Concen: 53.220 ug/l

RT: 12.202 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

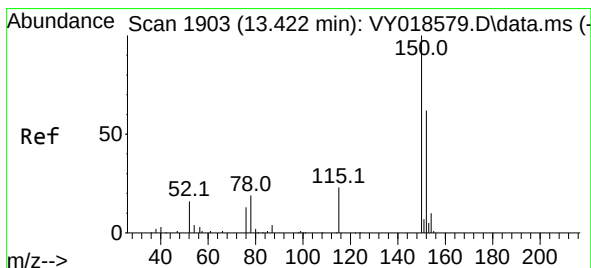
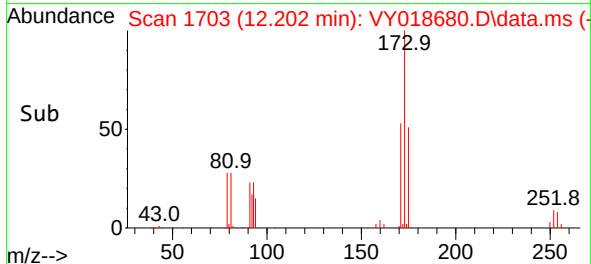
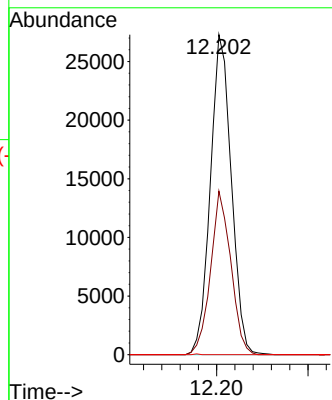
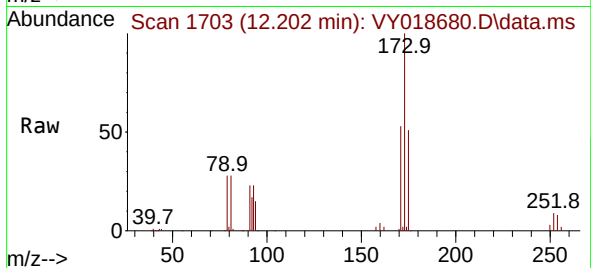
Tgt Ion:173 Resp: 43352

Ion Ratio Lower Upper

173 100

175 49.5 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: VY018680.D

Acq: 24 Jun 2024 17:18

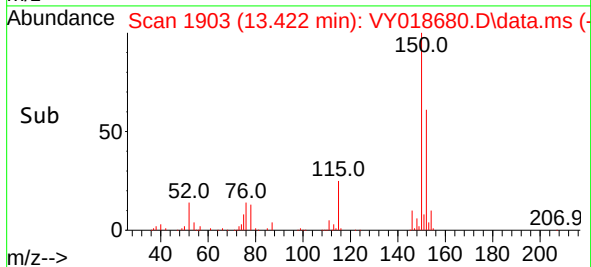
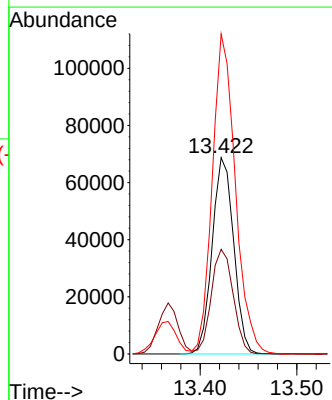
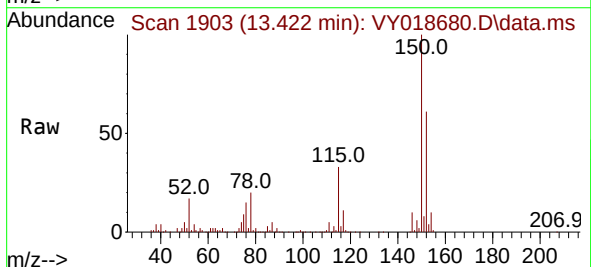
Tgt Ion:152 Resp: 106319

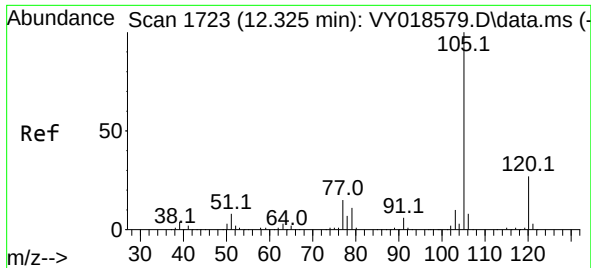
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 174.5 0.0 345.6

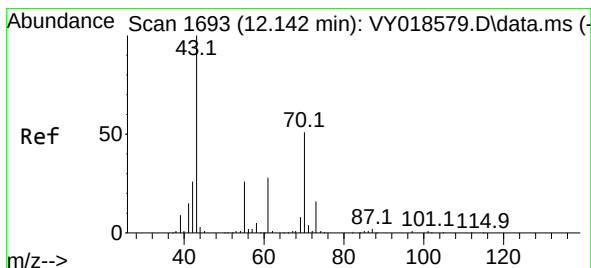
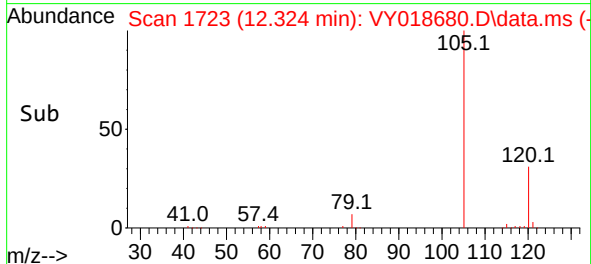
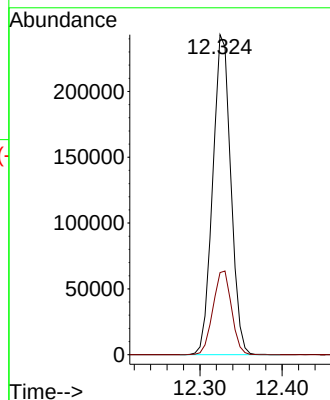
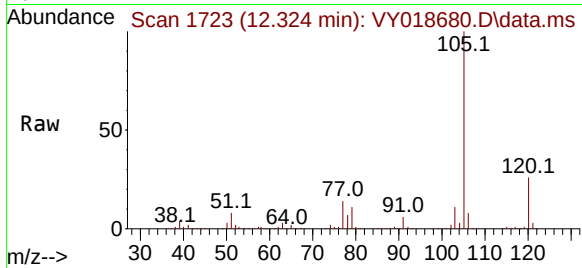




#73
Isopropylbenzene
Concen: 47.809 ug/l
RT: 12.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

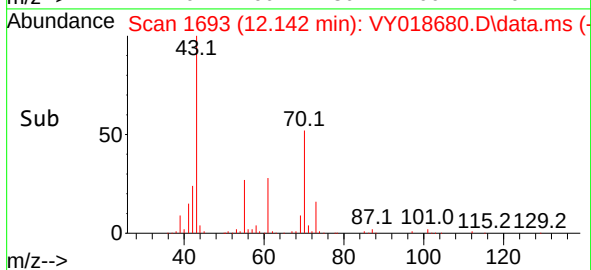
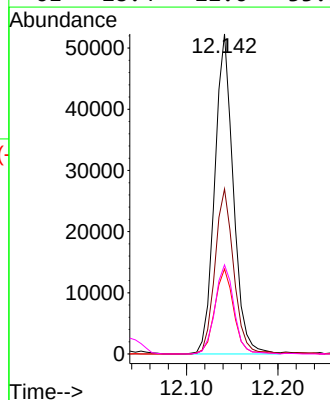
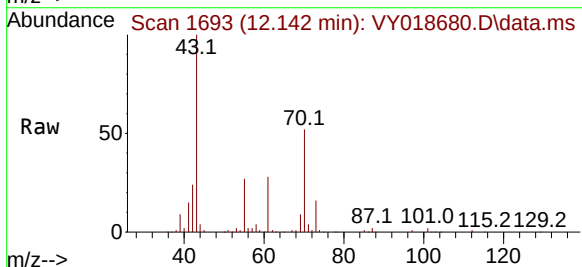
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

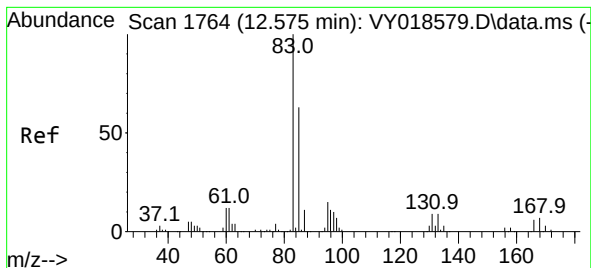
Tgt Ion:105 Resp: 371174
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 46.633 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 43 Resp: 74138
Ion Ratio Lower Upper
43 100
70 51.9 41.4 62.2
55 27.1 23.3 34.9
61 28.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.993 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

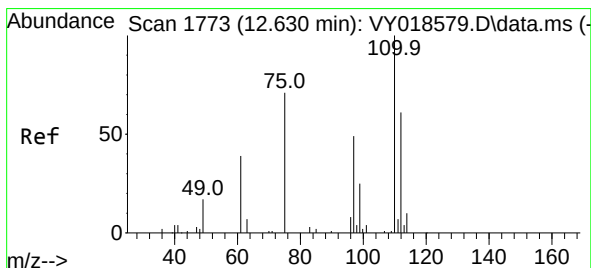
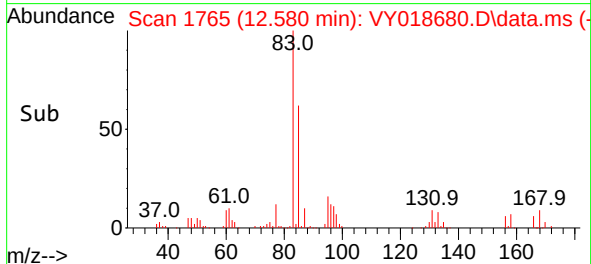
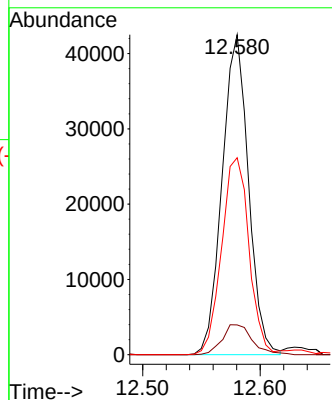
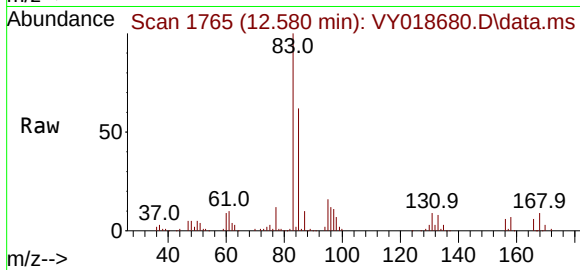
Tgt Ion: 83 Resp: 66160

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 42.227 ug/l m

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018680.D

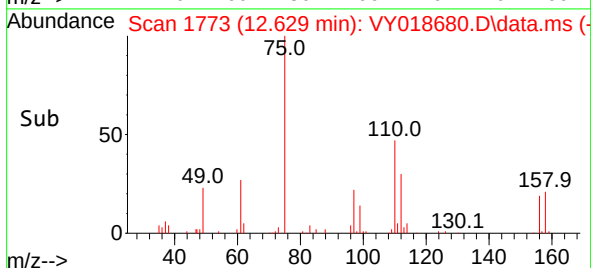
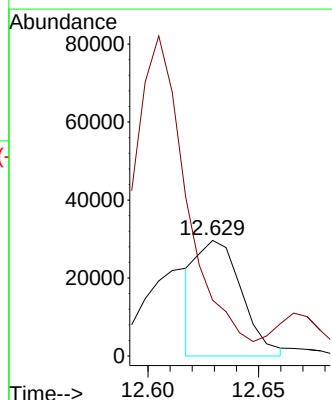
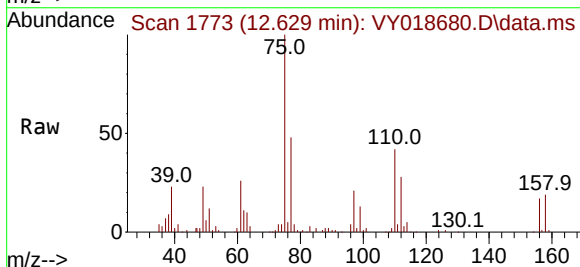
Acq: 24 Jun 2024 17:18

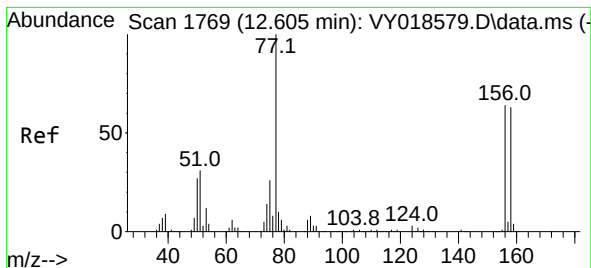
Tgt Ion: 75 Resp: 42114

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.572 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

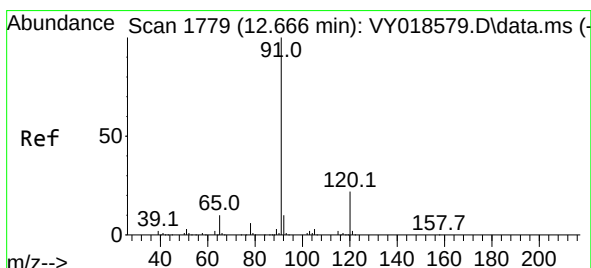
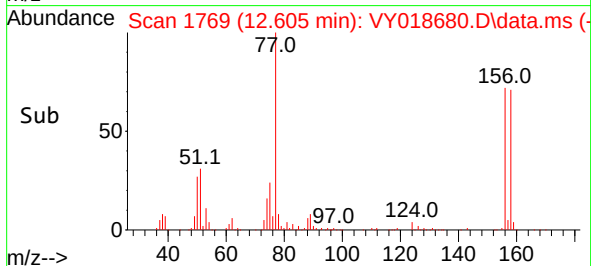
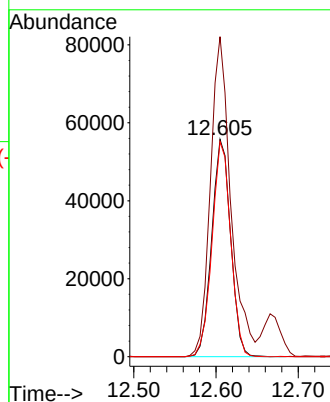
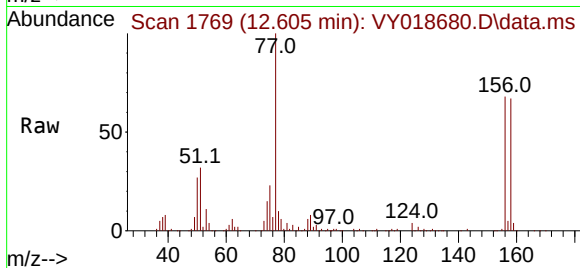
Tgt Ion:156 Resp: 89005

Ion Ratio Lower Upper

156 100

77 159.0 87.1 261.3

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 47.651 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018680.D

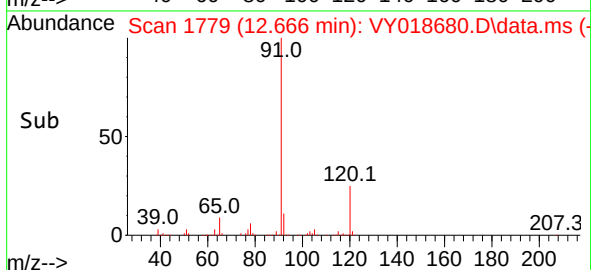
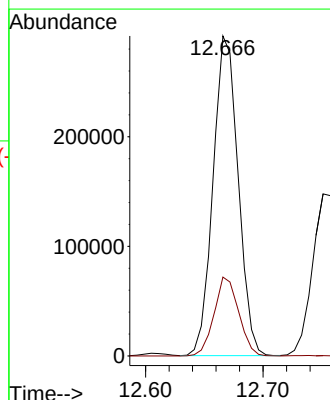
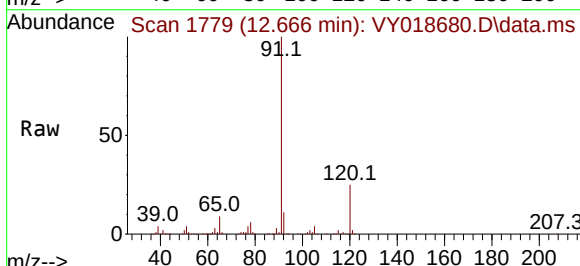
Acq: 24 Jun 2024 17:18

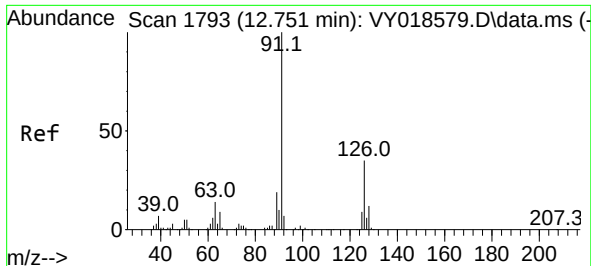
Tgt Ion: 91 Resp: 432953

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.523 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

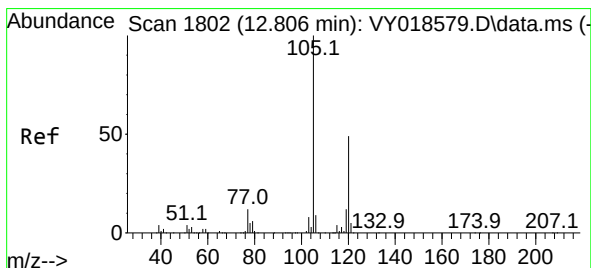
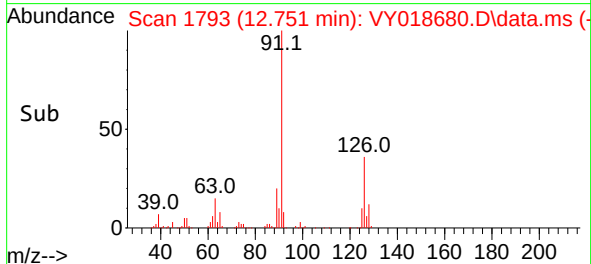
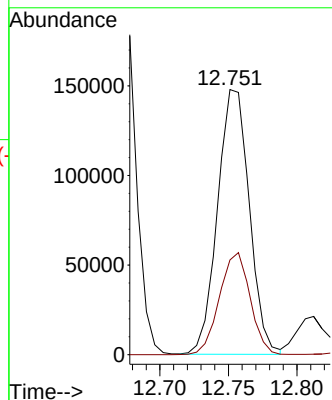
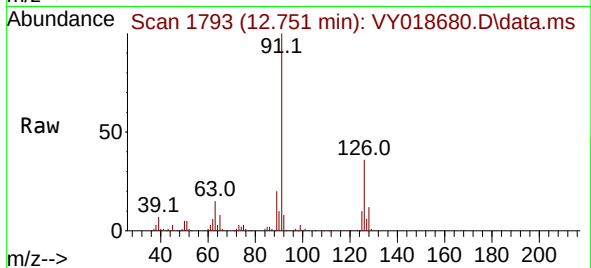
VSTDCCC050EC

Tgt Ion: 91 Resp: 238613

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 48.036 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018680.D

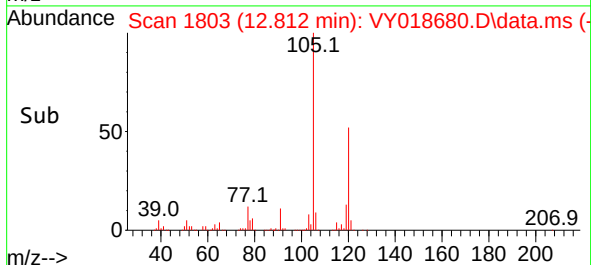
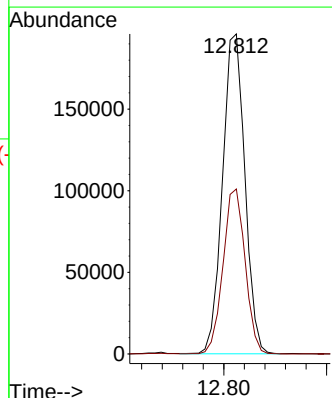
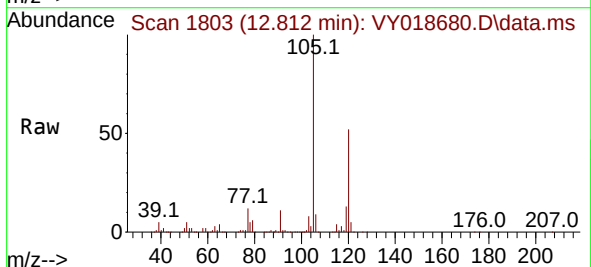
Acq: 24 Jun 2024 17:18

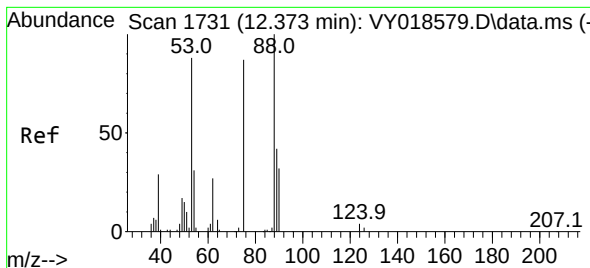
Tgt Ion:105 Resp: 295570

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

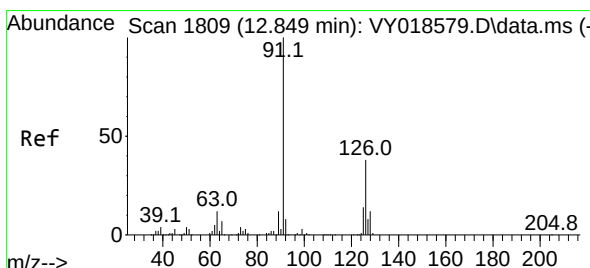
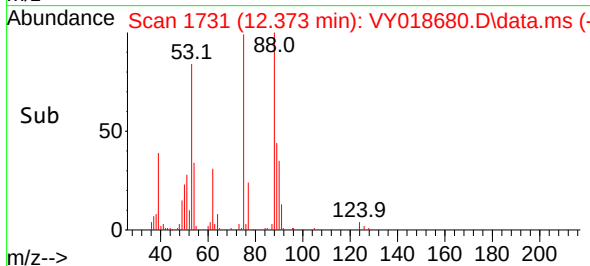
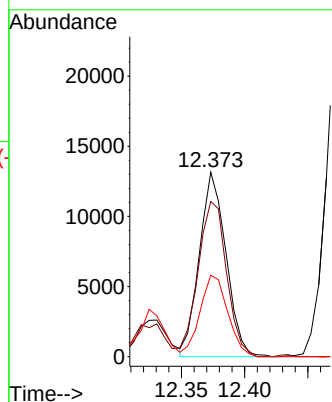
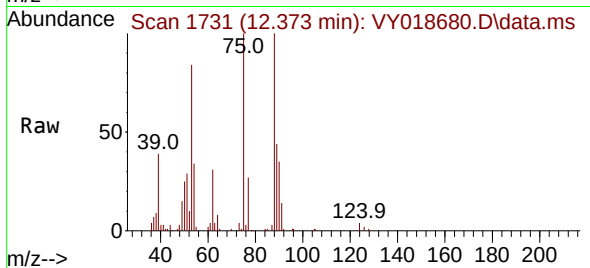




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.653 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. -0.000 min
 Lab File: VY018680.D
 Acq: 24 Jun 2024 17:18

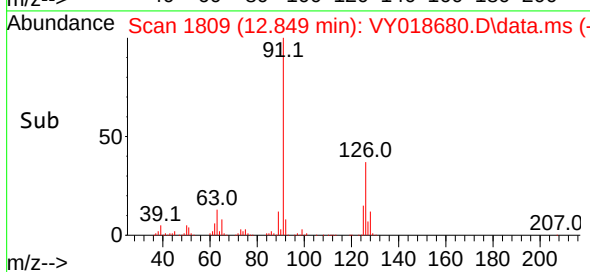
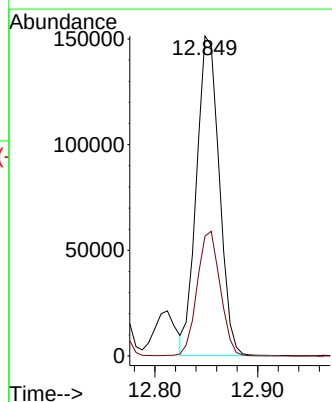
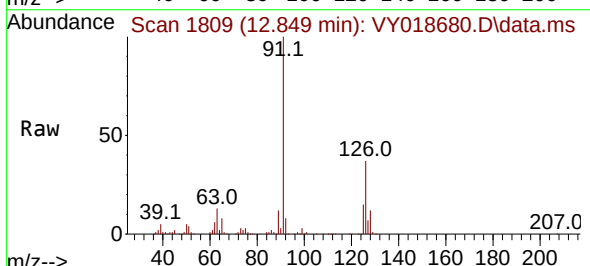
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

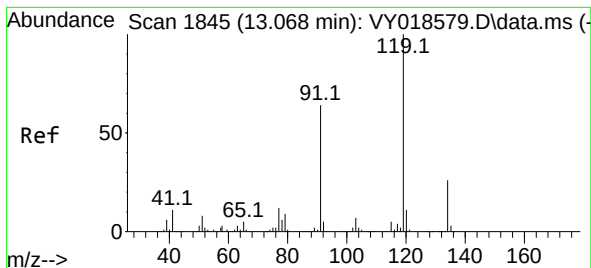
Tgt Ion: 75 Resp: 19286
 Ion Ratio Lower Upper
 75 100
 53 90.6 66.8 100.2
 89 45.9 35.8 53.6



#82
 4-Chlorotoluene
 Concen: 45.062 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: VY018680.D
 Acq: 24 Jun 2024 17:18

Tgt Ion: 91 Resp: 232733
 Ion Ratio Lower Upper
 91 100
 126 39.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.849 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

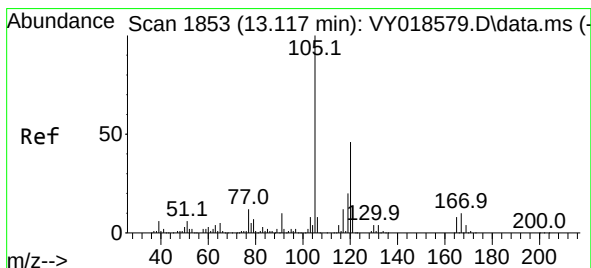
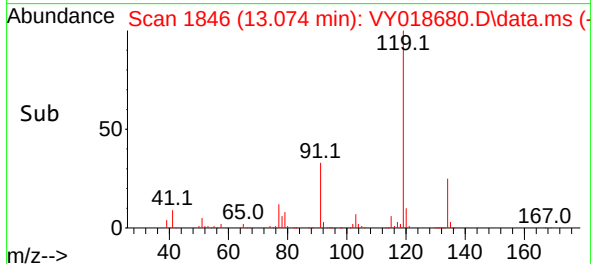
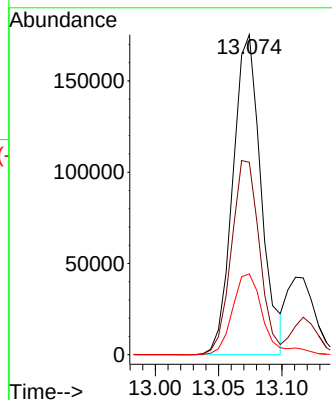
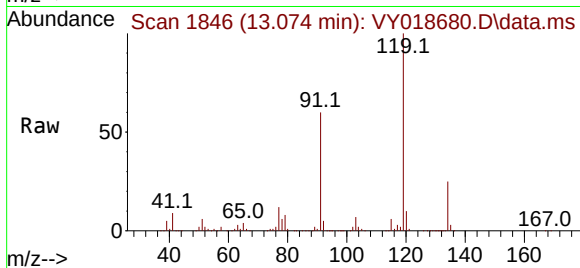
Tgt Ion:119 Resp: 272490

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 46.359 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018680.D

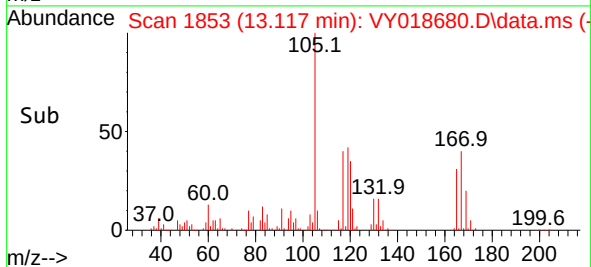
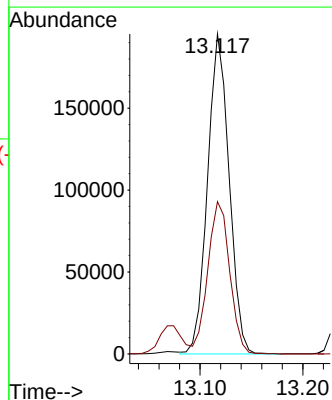
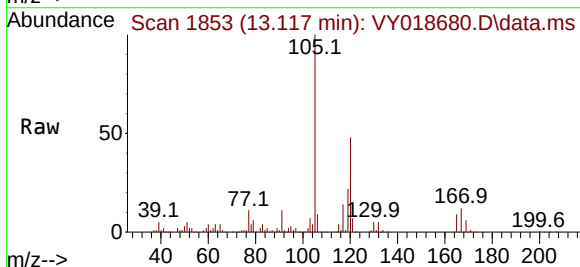
Acq: 24 Jun 2024 17:18

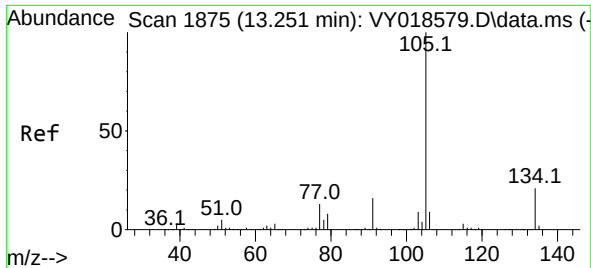
Tgt Ion:105 Resp: 285104

Ion Ratio Lower Upper

105 100

120 48.1 23.2 69.6

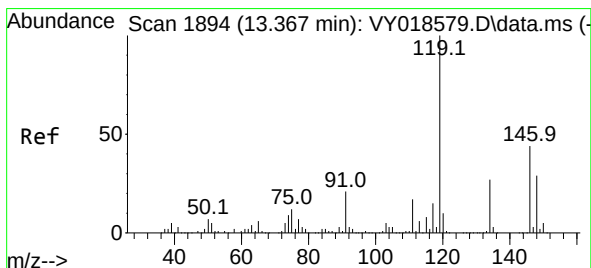
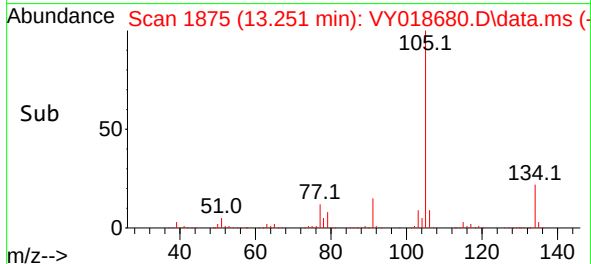
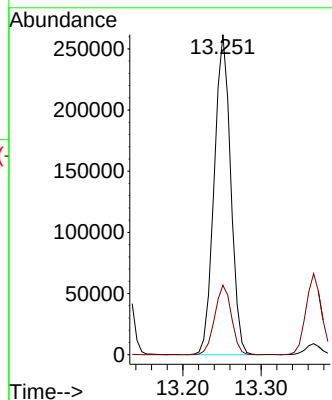
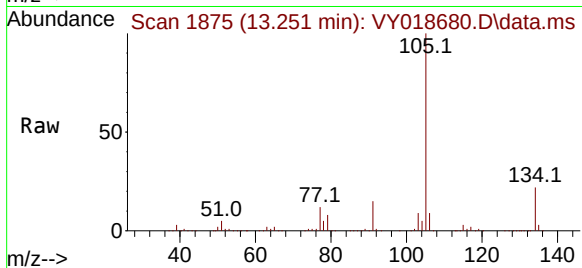




#85
 sec-Butylbenzene
 Concen: 47.110 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY018680.D
 Acq: 24 Jun 2024 17:18

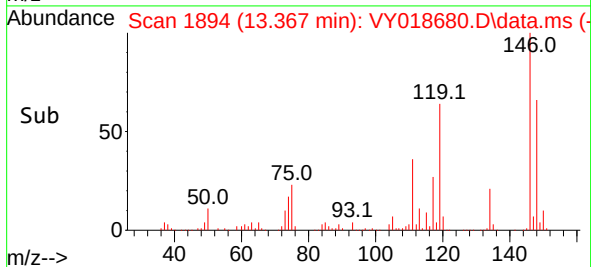
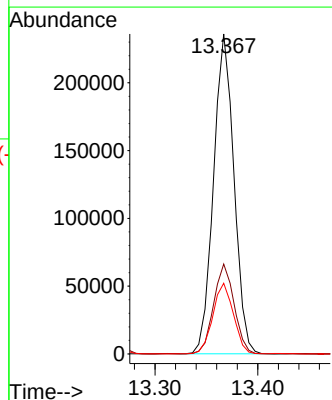
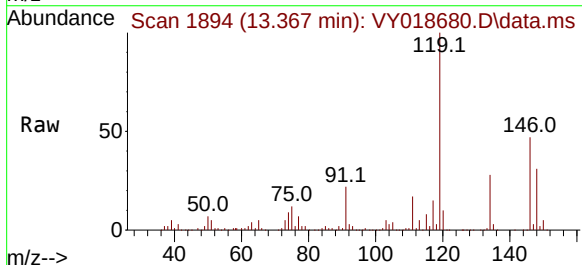
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

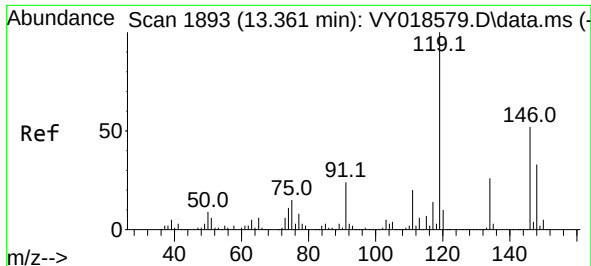
Tgt Ion:105 Resp: 382637
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.200 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY018680.D
 Acq: 24 Jun 2024 17:18

Tgt Ion:119 Resp: 325012
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.1 39.3
 91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.811 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

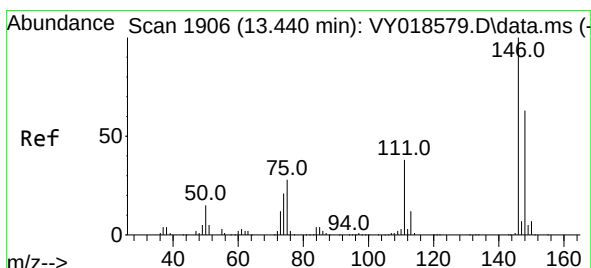
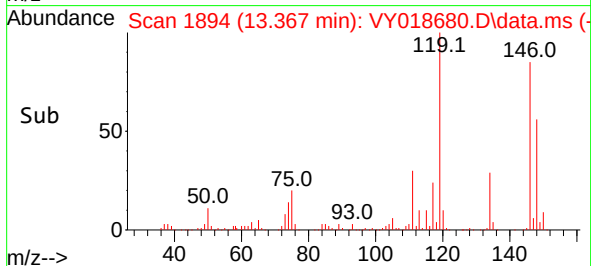
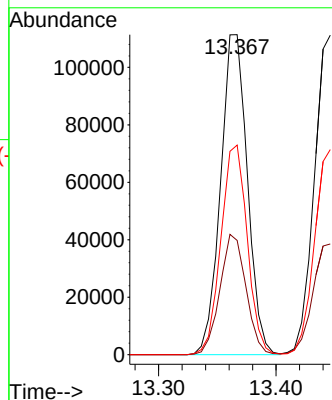
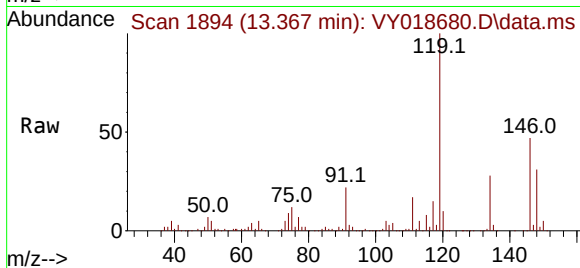
Tgt Ion:146 Resp: 176767

Ion Ratio Lower Upper

146 100

111 36.6 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.558 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

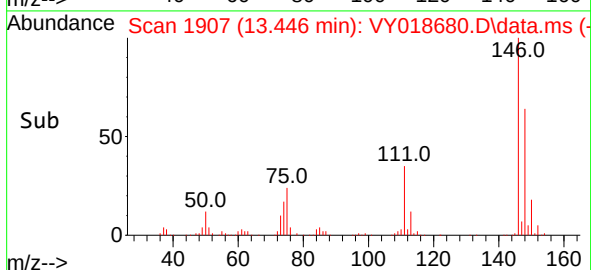
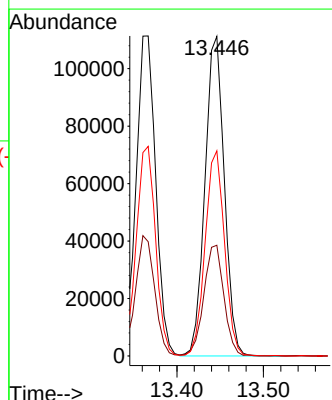
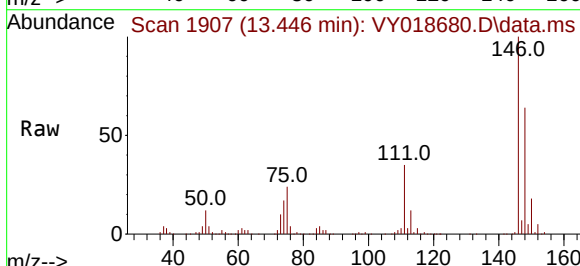
Tgt Ion:146 Resp: 172563

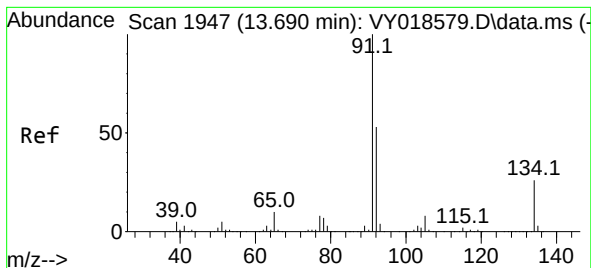
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 45.738 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

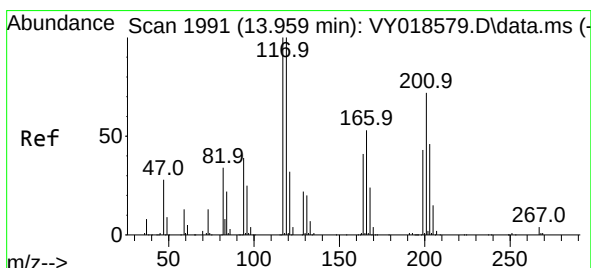
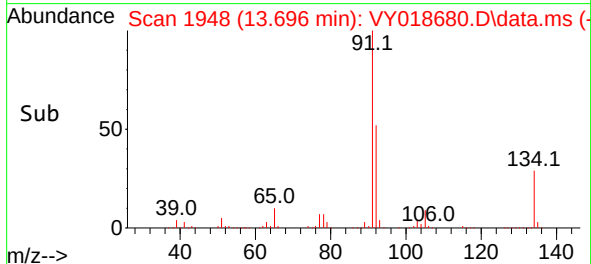
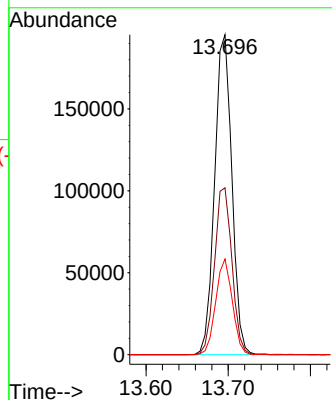
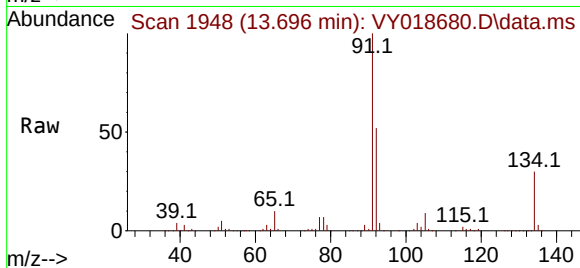
Tgt Ion: 91 Resp: 283874

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 28.9 12.9 38.7



#90

Hexachloroethane

Concen: 51.421 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018680.D

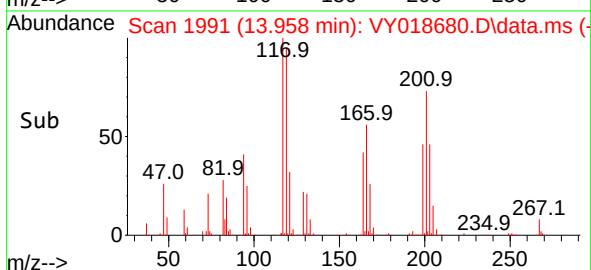
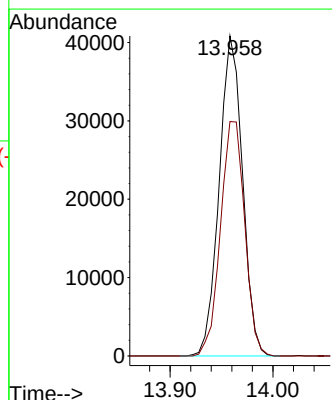
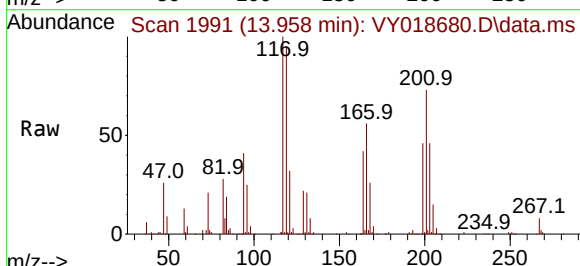
Acq: 24 Jun 2024 17:18

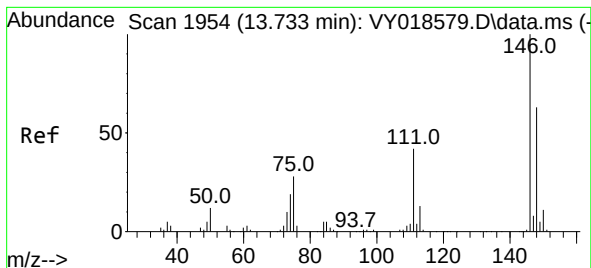
Tgt Ion: 117 Resp: 64322

Ion Ratio Lower Upper

117 100

201 76.2 37.4 112.2

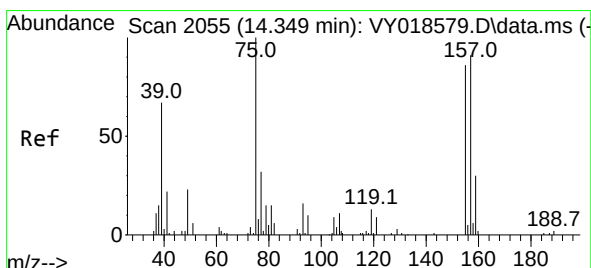
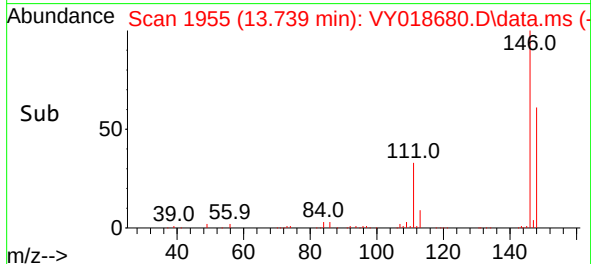
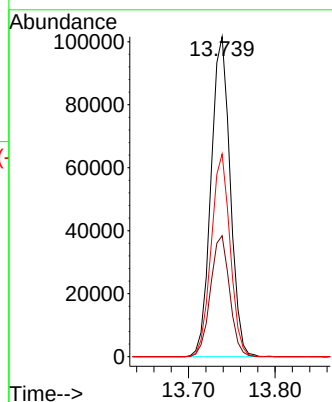
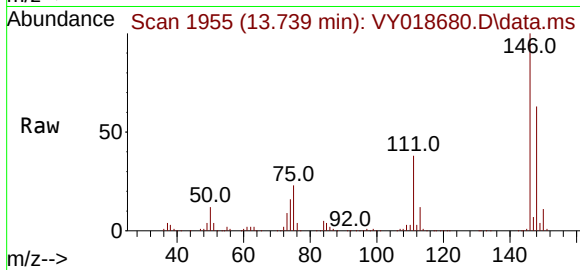




#91
1,2-Dichlorobenzene
Concen: 50.360 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

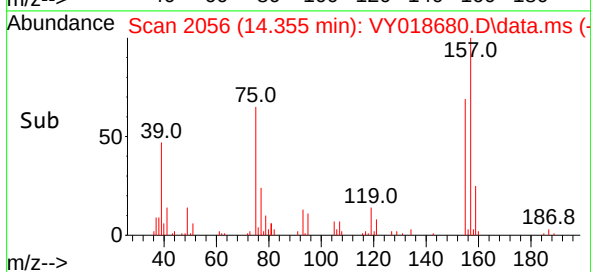
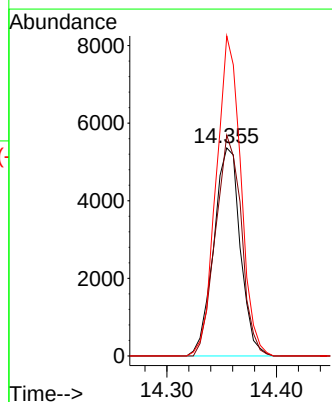
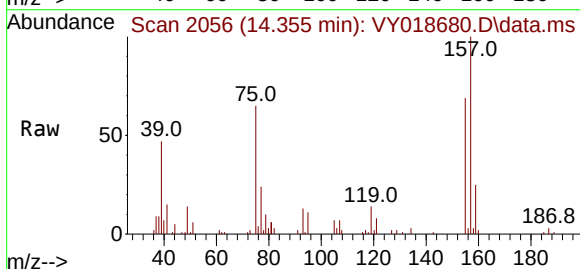
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

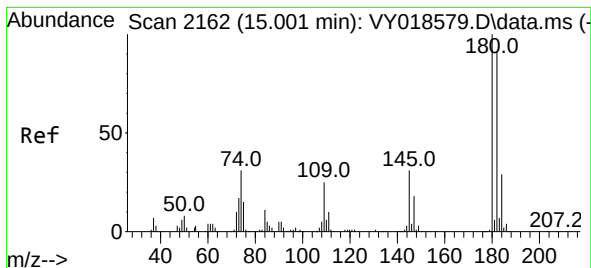
Tgt Ion:146 Resp: 155796
Ion Ratio Lower Upper
146 100
111 37.7 19.9 59.7
148 62.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.273 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VY018680.D
Acq: 24 Jun 2024 17:18

Tgt Ion: 75 Resp: 9037
Ion Ratio Lower Upper
75 100
155 103.2 48.6 145.8
157 142.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.541 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

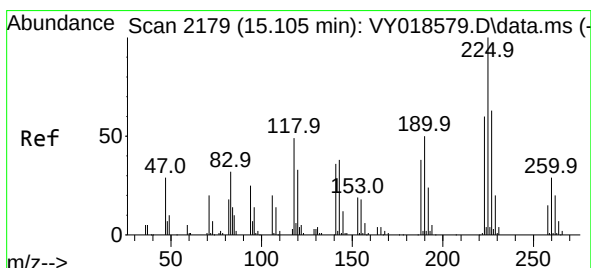
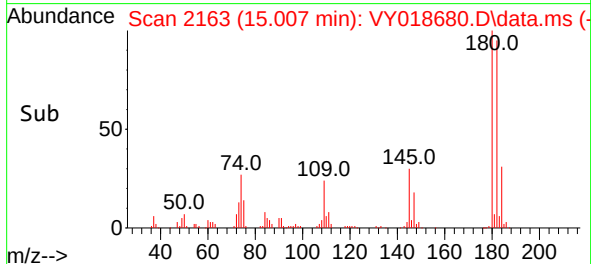
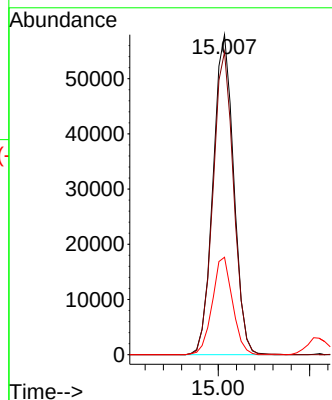
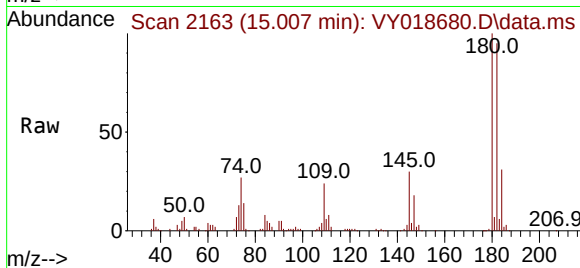
Tgt Ion:180 Resp: 90555

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.347 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

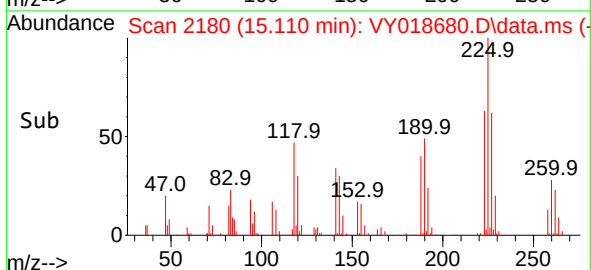
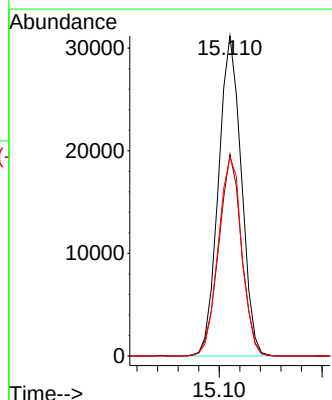
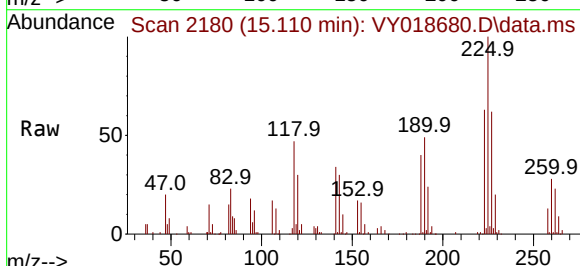
Tgt Ion:225 Resp: 48128

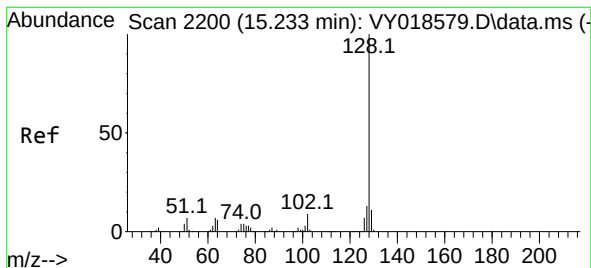
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 52.782 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

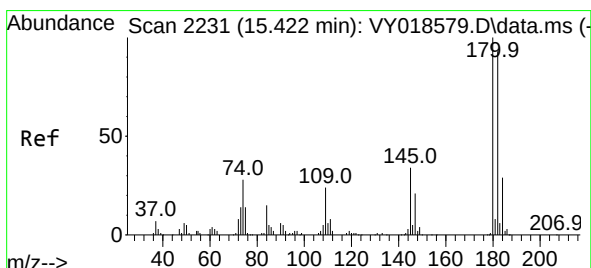
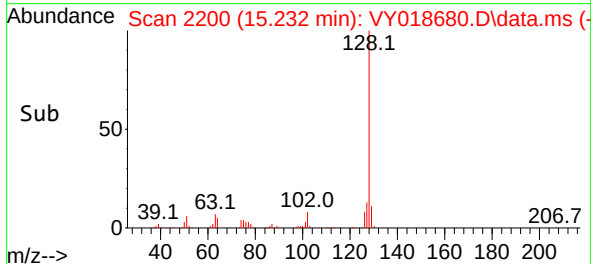
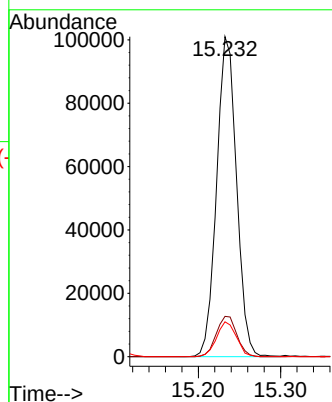
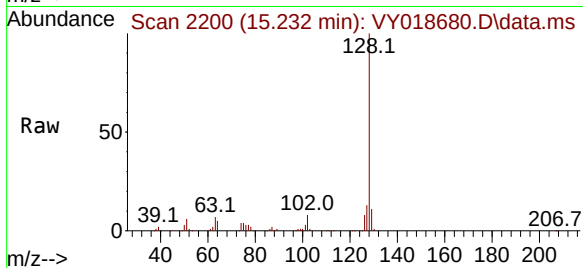
Tgt Ion:128 Resp: 170003

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.843 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018680.D

Acq: 24 Jun 2024 17:18

Tgt Ion:180 Resp: 79865

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 31.0 15.4 46.1

