

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023334.D
 Acq On : 10 Sep 2025 15:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 03:51:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	519594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	784874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	708690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216163	47.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.680%
35) Dibromofluoromethane	7.634	113	232362	48.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.109	98	886561	48.937	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.401	95	289069	50.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	174310	41.816	ug/l	97
3) Chloromethane	2.068	50	281679	47.222	ug/l	99
4) Vinyl Chloride	2.202	62	349173	46.466	ug/l	99
5) Bromomethane	2.592	94	272047	44.337	ug/l	99
6) Chloroethane	2.739	64	239880	47.171	ug/l	99
7) Trichlorofluoromethane	3.056	101	448341	47.270	ug/l	99
8) Diethyl Ether	3.458	74	117258	46.724	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	231335	45.354	ug/l	97
10) Methyl Iodide	4.007	142	263318	44.254	ug/l	99
11) Tert butyl alcohol	4.854	59	64957	246.221	ug/l	99
12) 1,1-Dichloroethene	3.787	96	221654	45.172	ug/l	93
13) Acrolein	3.653	56	79738	178.783	ug/l	98
14) Allyl chloride	4.385	41	286774	46.265	ug/l	97
15) Acrylonitrile	5.061	53	237278	240.173	ug/l	99
16) Acetone	3.866	43	227513	218.763	ug/l	99
17) Carbon Disulfide	4.104	76	698986	44.994	ug/l	99
18) Methyl Acetate	4.385	43	160553	62.934	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	558127	48.375	ug/l	98
20) Methylene Chloride	4.616	84	255249	45.874	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	253083	46.162	ug/l	96
22) Diisopropyl ether	6.025	45	657496	47.630	ug/l	98
23) Vinyl Acetate	5.964	43	1715866	224.839	ug/l	98
24) 1,1-Dichloroethane	5.915	63	418963	46.402	ug/l	99
25) 2-Butanone	6.896	43	302934	236.666	ug/l	92
26) 2,2-Dichloropropane	6.884	77	361211	45.308	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	297410	47.904	ug/l	94
28) Bromochloromethane	7.244	49	168553	47.443	ug/l	89
29) Tetrahydrofuran	7.262	42	184887	243.520	ug/l	94
30) Chloroform	7.421	83	458566	47.268	ug/l	96
31) Cyclohexane	7.701	56	357328	44.723	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	403594	46.564	ug/l	99
36) 1,1-Dichloropropene	7.835	75	317505	46.465	ug/l	98
37) Ethyl Acetate	6.988	43	127906	47.055	ug/l	98
38) Carbon Tetrachloride	7.817	117	366805	46.651	ug/l	97
39) Methylcyclohexane	9.109	83	417843	47.799	ug/l	95
40) Benzene	8.079	78	1003457	47.245	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	180892	128.507	ug/l #	32
42) 1,2-Dichloroethane	8.158	62	255055	47.166	ug/l	99
43) Isopropyl Acetate	8.201	43	252773	47.811	ug/l #	82
44) Trichloroethene	8.866	130	281910	47.653	ug/l	99
45) 1,2-Dichloropropane	9.140	63	228094	47.551	ug/l	100
46) Dibromomethane	9.231	93	140545	48.112	ug/l	97
47) Bromodichloromethane	9.420	83	349691	47.583	ug/l	98
48) Methyl methacrylate	9.219	41	123768	50.225	ug/l	93
49) 1,4-Dioxane	9.225	88	31617	1066.218	ug/l	86
51) 4-Methyl-2-Pentanone	9.999	43	690137	255.153	ug/l	98
52) Toluene	10.170	92	655583	48.638	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	309403	48.900	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	367071	48.551	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	186626	48.027	ug/l	97
56) Ethyl methacrylate	10.438	69	229245	50.921	ug/l	96
57) 1,3-Dichloropropane	10.719	76	307634	48.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	545463	277.992	ug/l	95
59) 2-Hexanone	10.762	43	466949	249.729	ug/l	97
60) Dibromochloromethane	10.908	129	257944	48.923	ug/l	99
61) 1,2-Dibromoethane	11.011	107	179496	49.295	ug/l	99
64) Tetrachloroethene	10.646	164	351935	49.826	ug/l	99
65) Chlorobenzene	11.438	112	733811	47.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	257290	47.214	ug/l	98
67) Ethyl Benzene	11.518	91	1227893	48.411	ug/l	97
68) m/p-Xylenes	11.627	106	992957	97.766	ug/l	96
69) o-Xylene	11.956	106	460233	48.950	ug/l	98
70) Styrene	11.969	104	777604	49.903	ug/l	98
71) Bromoform	12.133	173	157259	48.459	ug/l #	99
73) Isopropylbenzene	12.255	105	1188974	46.680	ug/l	99
74) N-amyl acetate	12.066	43	213303	44.304	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	188083	43.998	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	264622	69.105	ug/l #	100
77) Bromobenzene	12.530	156	297656	45.741	ug/l	93
78) n-propylbenzene	12.590	91	1411637	47.022	ug/l	98
79) 2-Chlorotoluene	12.676	91	810773	46.890	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	981238	47.366	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	64927	46.239	ug/l	97
82) 4-Chlorotoluene	12.773	91	822471	45.459	ug/l	97
83) tert-Butylbenzene	12.993	119	887573	47.306	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	980355	47.836	ug/l	97
85) sec-Butylbenzene	13.176	105	1287298	47.156	ug/l	98
86) p-Isopropyltoluene	13.292	119	1096113	47.534	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	592739	46.031	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	574015	45.006	ug/l	98
89) n-Butylbenzene	13.615	91	968227	47.344	ug/l	99
90) Hexachloroethane	13.877	117	223989	44.805	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	514749	45.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31153	46.445	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	305654	46.672	ug/l	99
94) Hexachlorobutadiene	15.023	225	183301	45.269	ug/l	98
95) Naphthalene	15.139	128	511424	48.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	266906	46.928	ug/l	100

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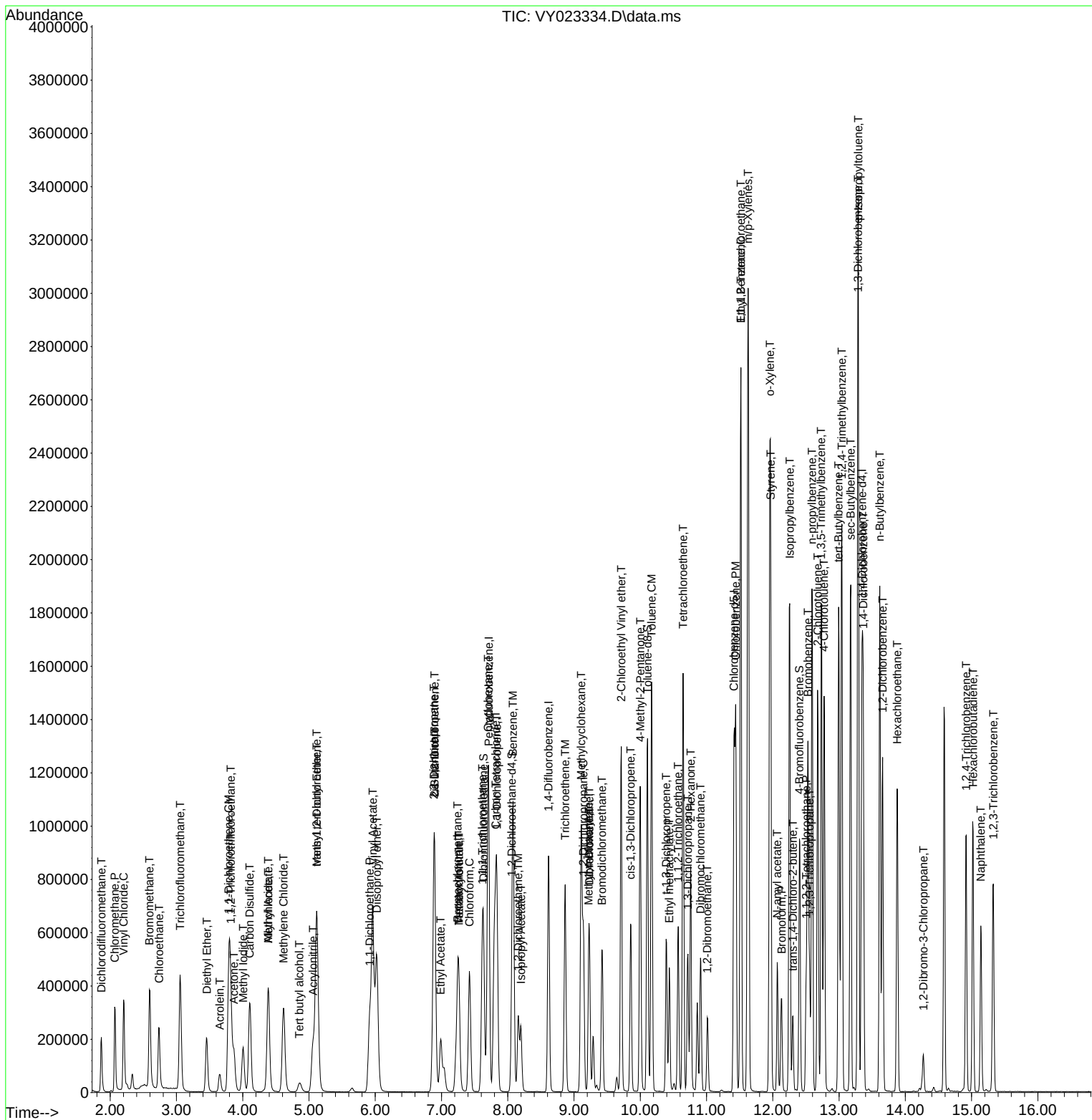
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

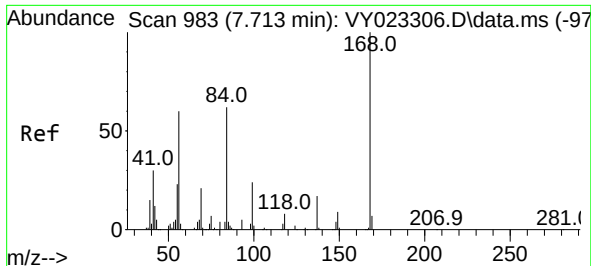
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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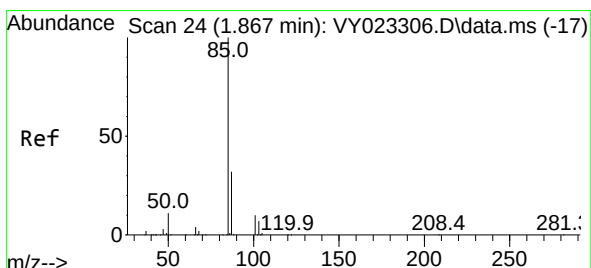
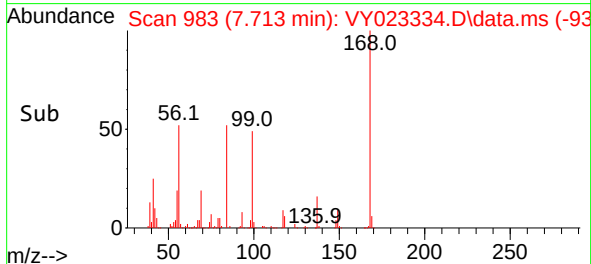
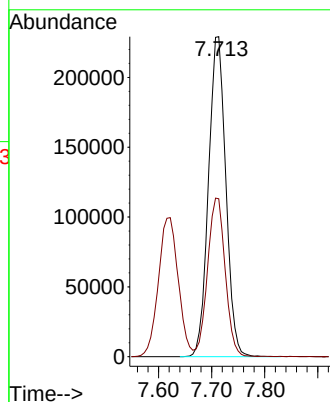
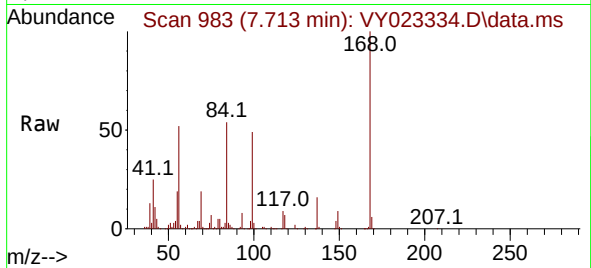




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023334.D
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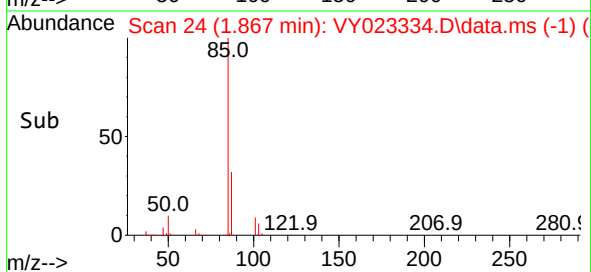
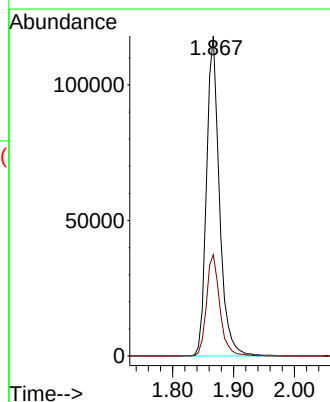
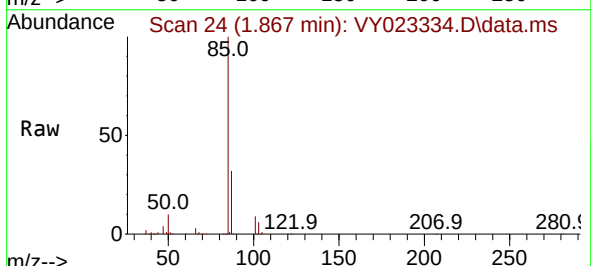
Instrument :
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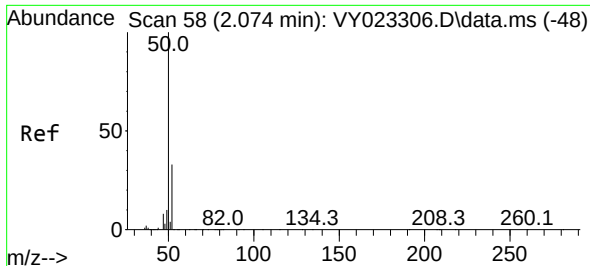
Tgt Ion:168 Resp: 519594
Ion Ratio Lower Upper
168 100
99 49.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.816 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 85 Resp: 174310
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8

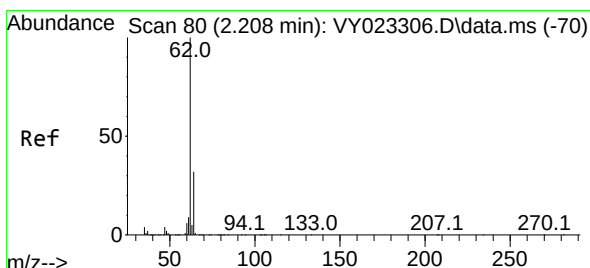
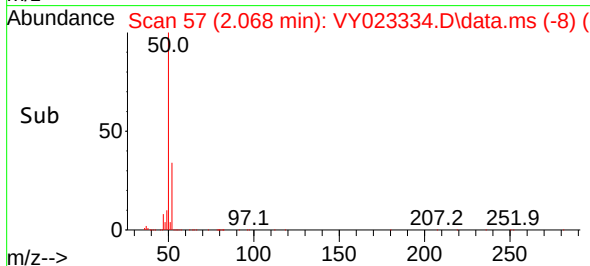
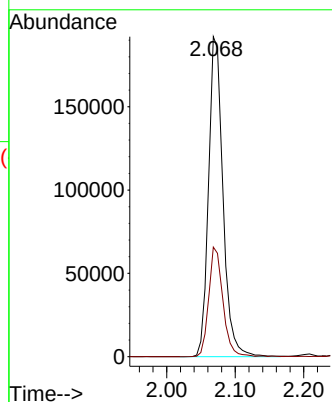
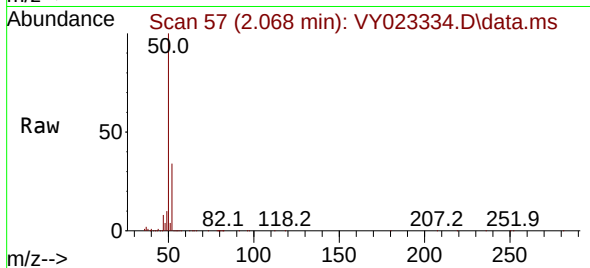




#3
Chloromethane
Concen: 47.222 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

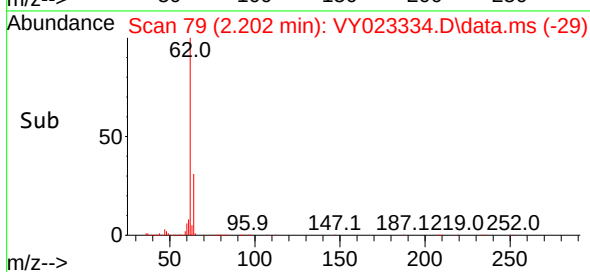
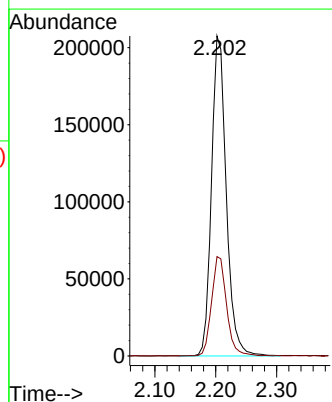
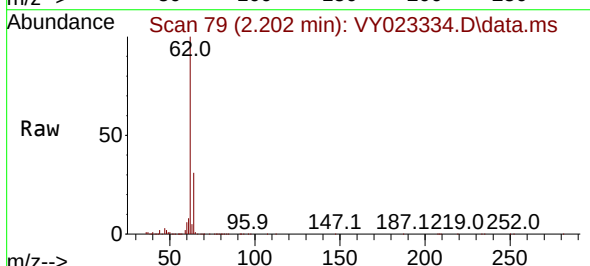
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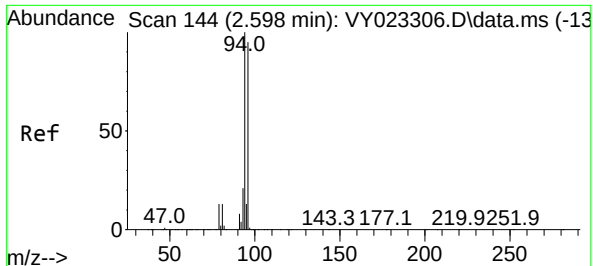
Tgt Ion: 50 Resp: 281679
Ion Ratio Lower Upper
50 100
52 34.2 26.7 40.1



#4
Vinyl Chloride
Concen: 46.466 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 62 Resp: 349173
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

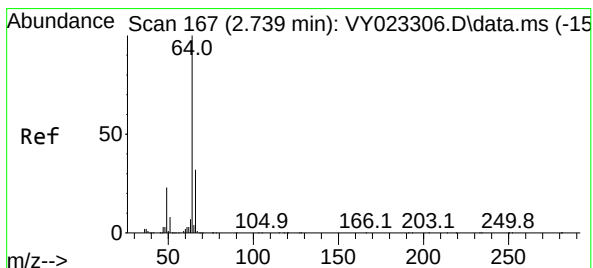
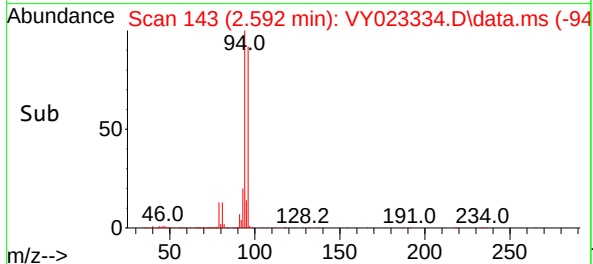
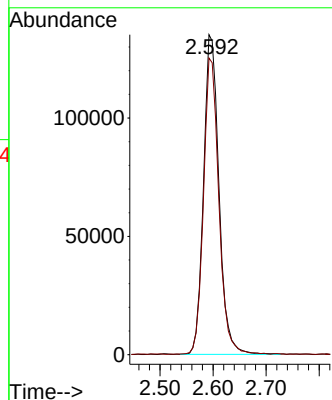
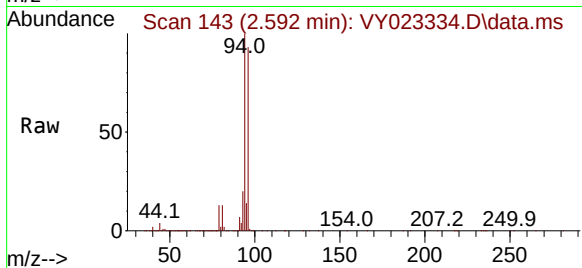




#5
Bromomethane
Concen: 44.337 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

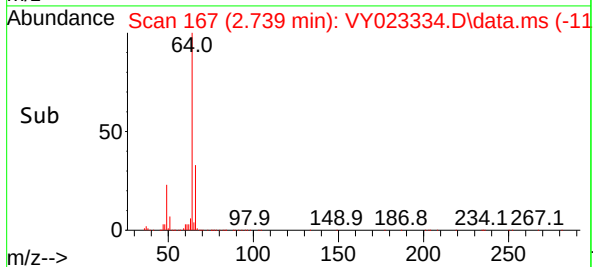
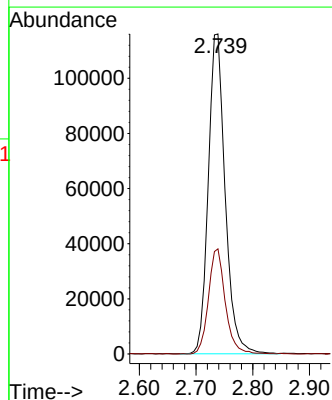
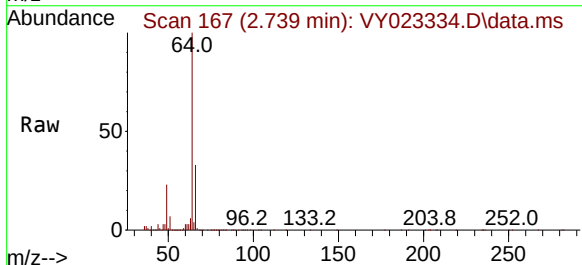
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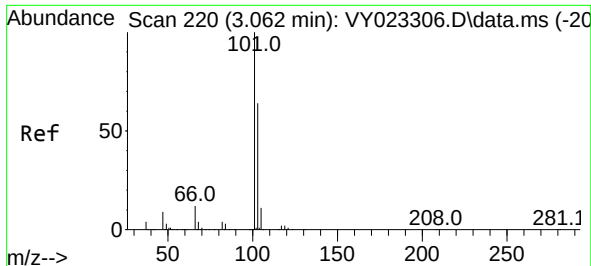
Tgt Ion: 94 Resp: 272047
Ion Ratio Lower Upper
94 100
96 92.6 74.6 112.0



#6
Chloroethane
Concen: 47.171 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 64 Resp: 239880
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6

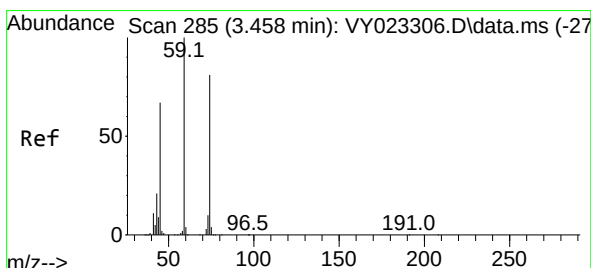
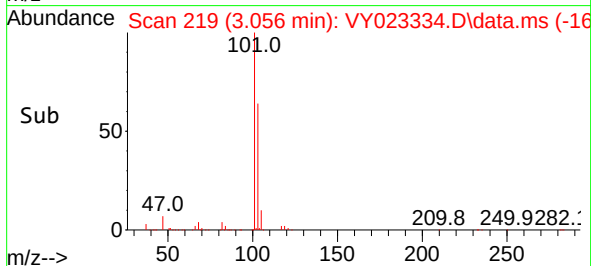
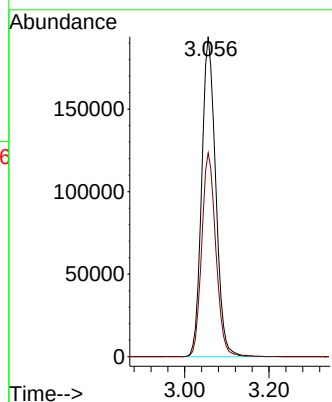
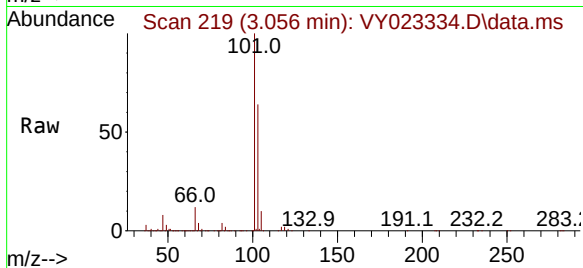




#7
Trichlorofluoromethane
Concen: 47.270 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023334.D
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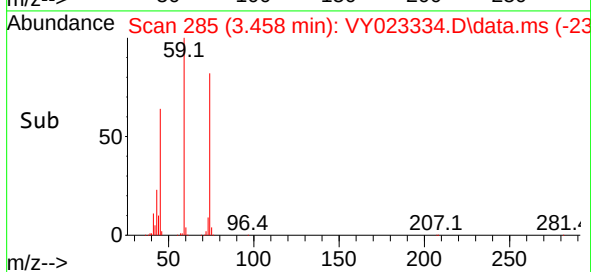
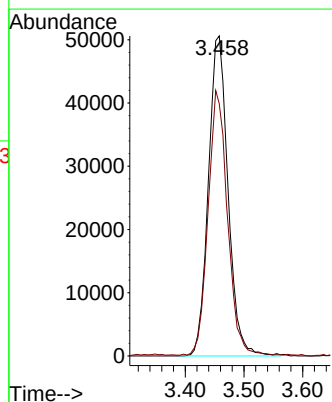
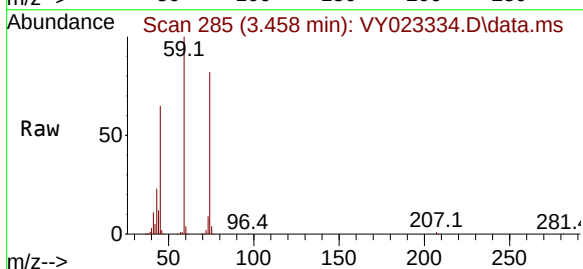
Instrument :
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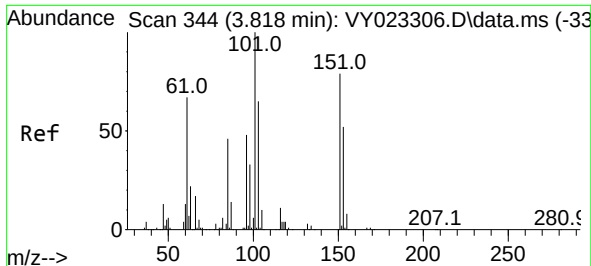
Tgt Ion:101 Resp: 448341
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9



#8
Diethyl Ether
Concen: 46.724 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 74 Resp: 117258
Ion Ratio Lower Upper
74 100
45 81.6 44.4 133.2

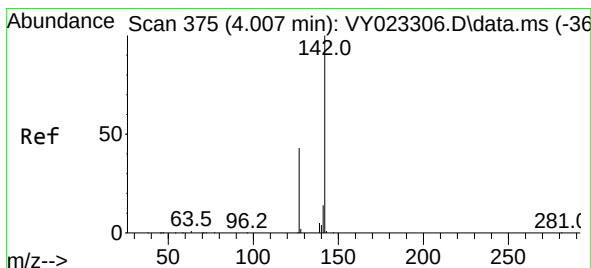
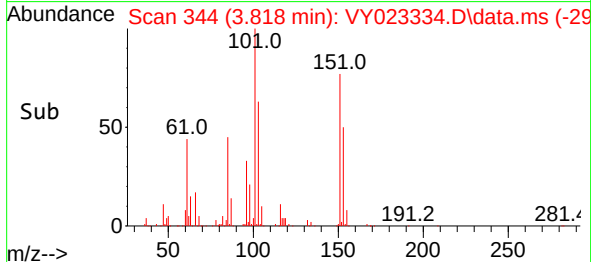
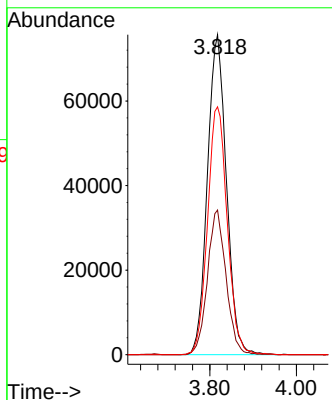
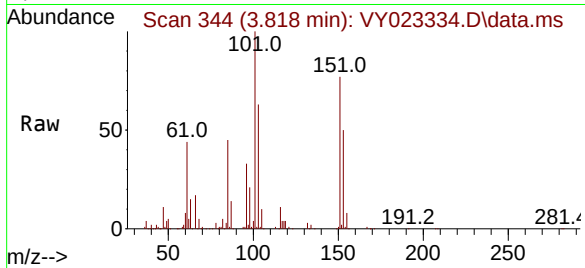




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.354 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

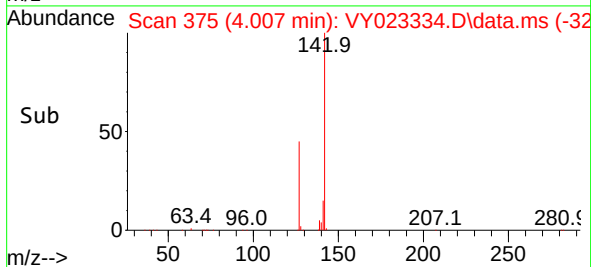
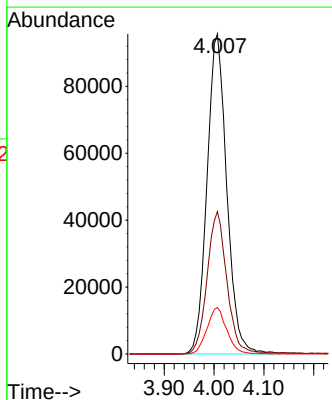
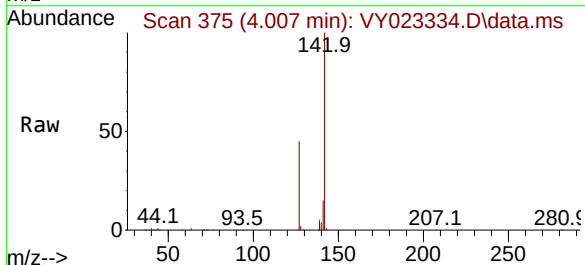
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

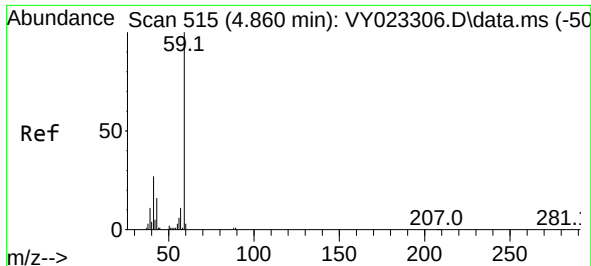
Tgt Ion:101 Resp: 231335
Ion Ratio Lower Upper
101 100
85 44.3 36.3 54.5
151 80.3 61.5 92.3



#10
Methyl Iodide
Concen: 44.254 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion:142 Resp: 263318
Ion Ratio Lower Upper
142 100
127 44.6 34.9 52.3
141 14.5 11.3 16.9

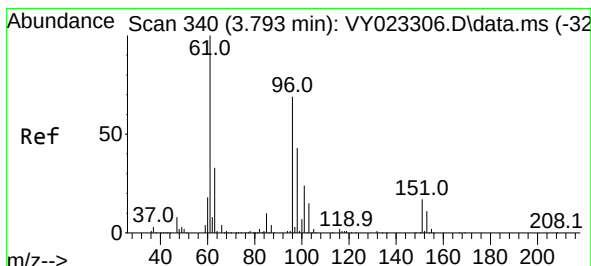
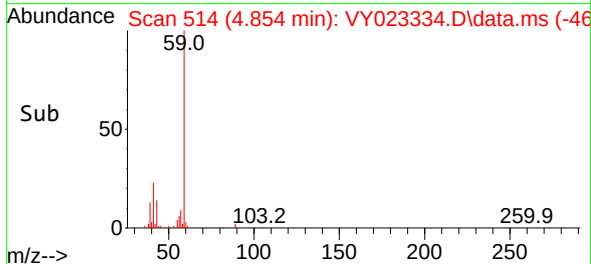
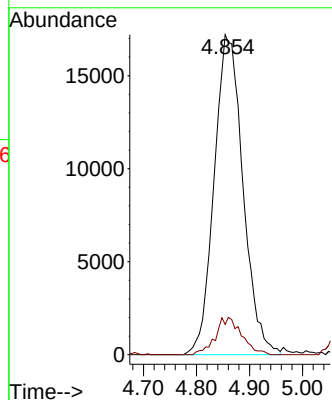
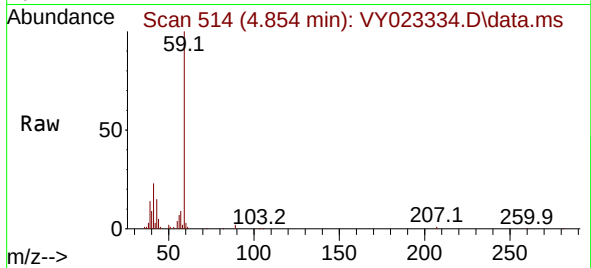




#11
Tert butyl alcohol
Concen: 246.221 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

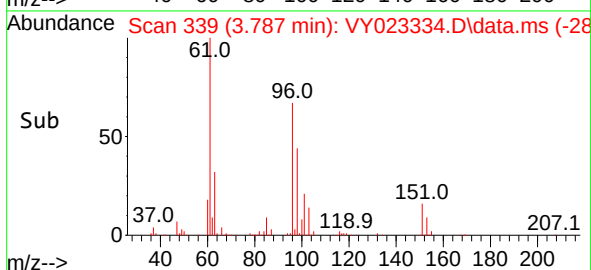
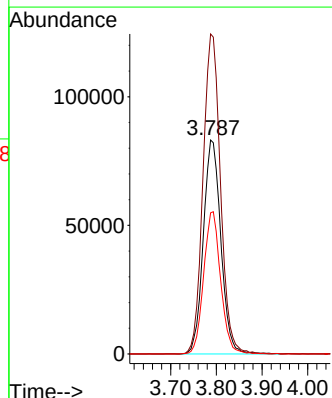
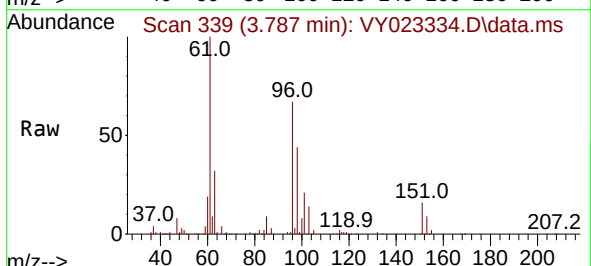
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

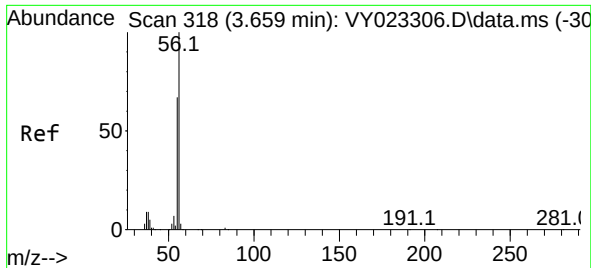
Tgt Ion: 59 Resp: 64957
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.172 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 96 Resp: 221654
Ion Ratio Lower Upper
96 100
61 149.6 129.4 194.2
98 66.0 52.8 79.2

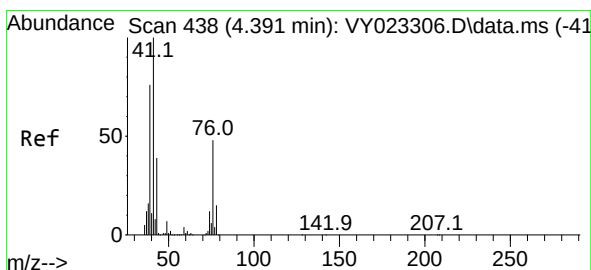
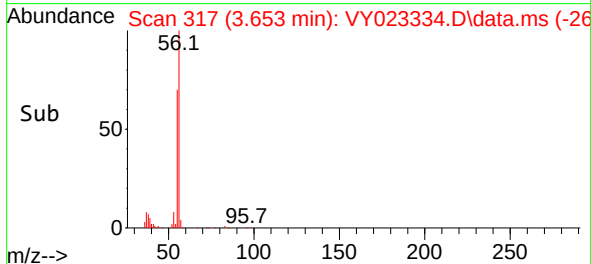
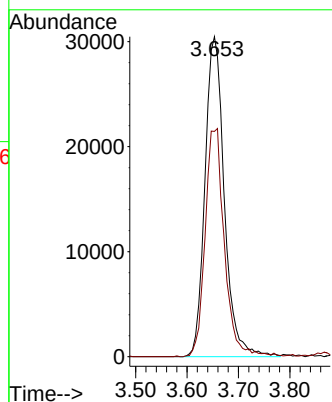
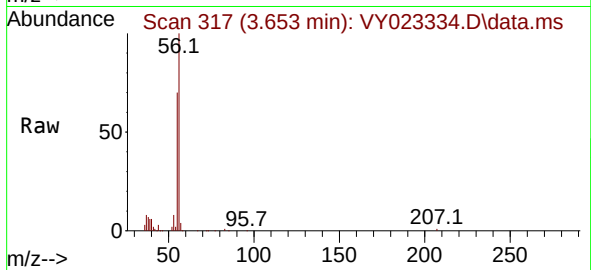




#13
Acrolein
Concen: 178.783 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

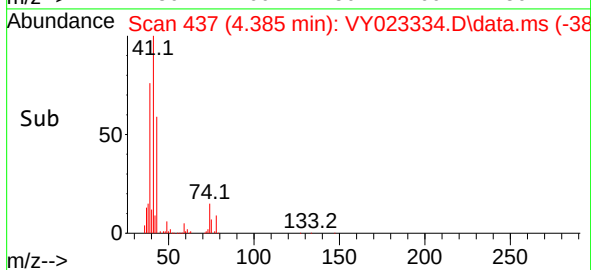
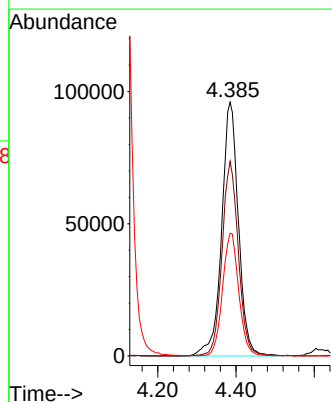
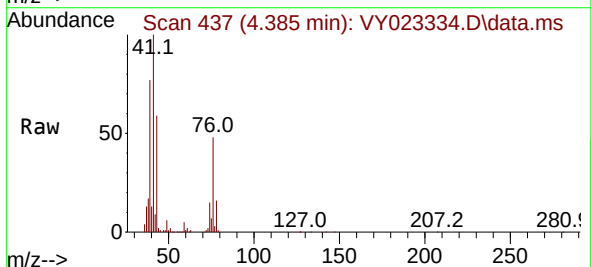
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

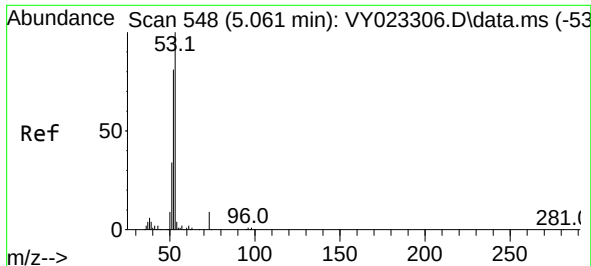
Tgt Ion: 56 Resp: 79738
Ion Ratio Lower Upper
56 100
55 70.7 55.2 82.8



#14
Allyl chloride
Concen: 46.265 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 41 Resp: 286774
Ion Ratio Lower Upper
41 100
39 74.6 59.8 89.6
76 46.6 33.7 50.5

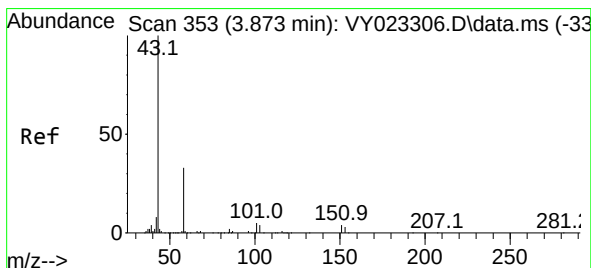
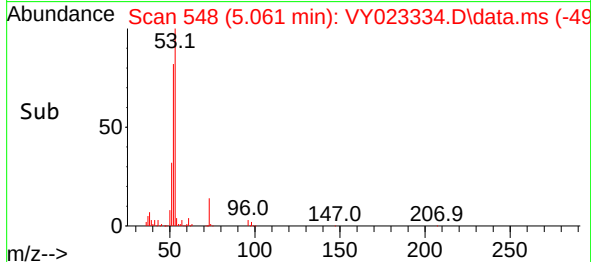
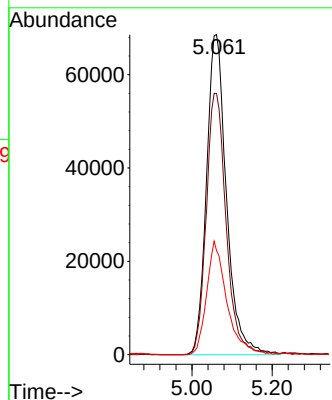
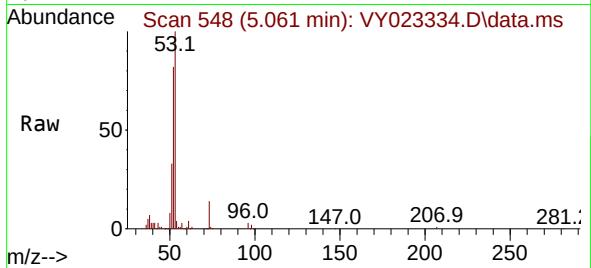




#15
Acrylonitrile
Concen: 240.173 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

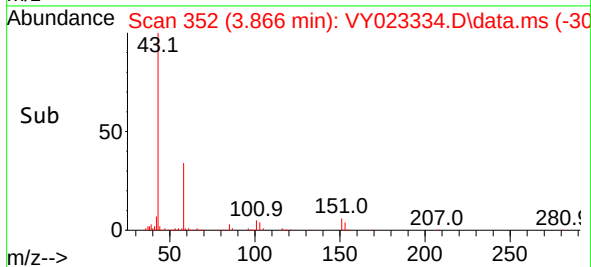
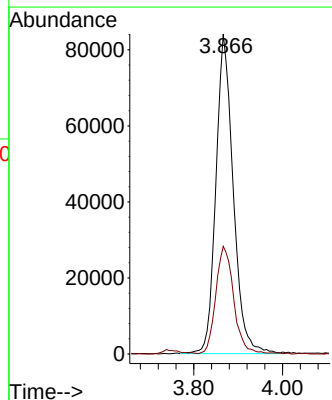
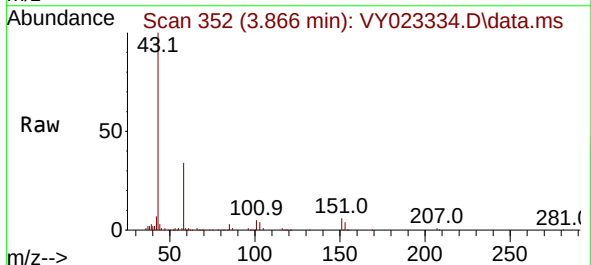
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

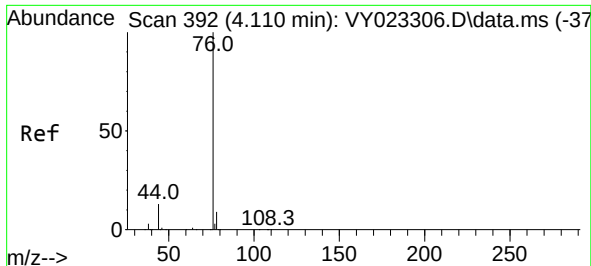
Tgt Ion: 53 Resp: 237278
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.0 29.5 44.3



#16
Acetone
Concen: 218.763 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 43 Resp: 227513
Ion Ratio Lower Upper
43 100
58 33.5 27.1 40.7

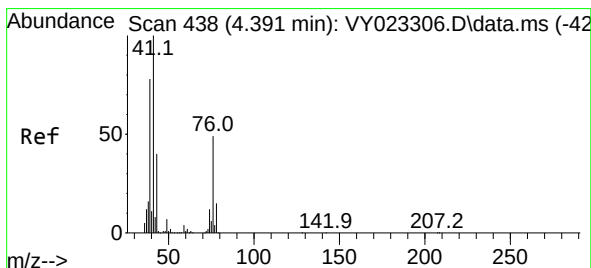
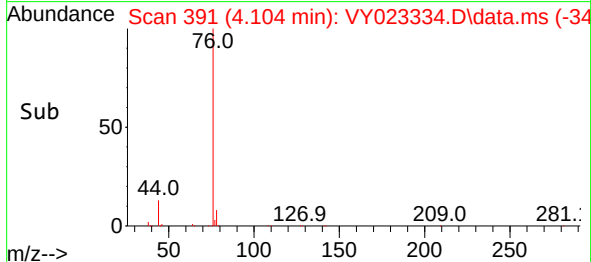
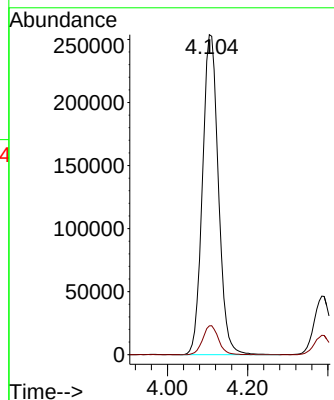
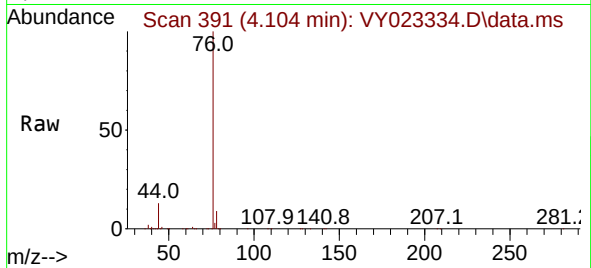




#17
Carbon Disulfide
Concen: 44.994 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

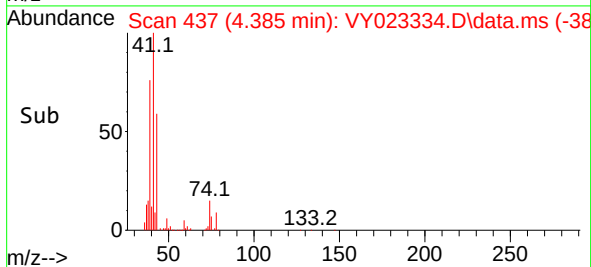
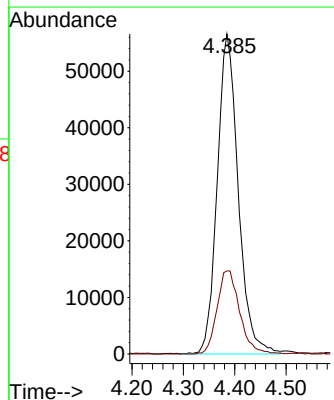
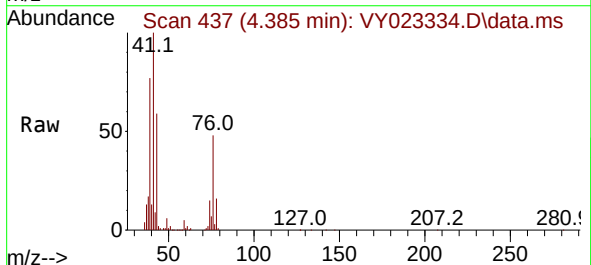
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

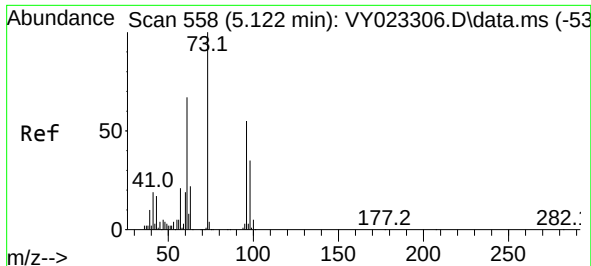
Tgt Ion: 76 Resp: 698986
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 62.934 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 43 Resp: 160553
Ion Ratio Lower Upper
43 100
74 28.0 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 48.375 ug/l

RT: 5.116 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

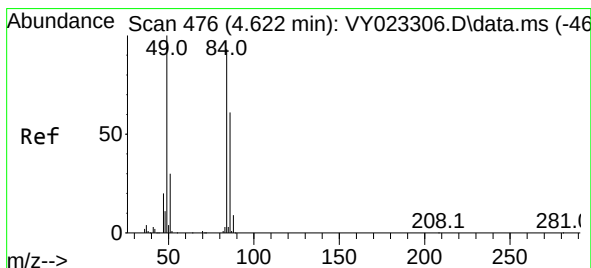
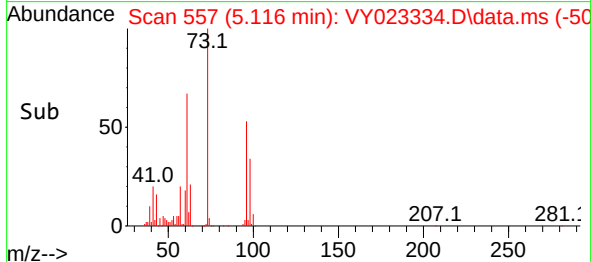
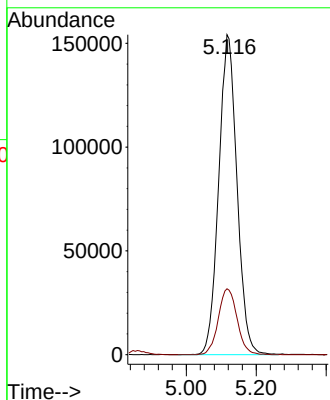
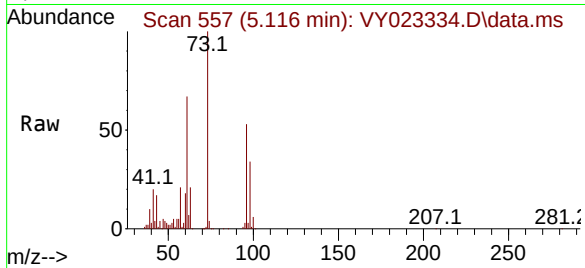
VSTDCCC050EC

Tgt Ion: 73 Resp: 558127

Ion Ratio Lower Upper

73 100

57 20.6 17.1 25.7



#20

Methylene Chloride

Concen: 45.874 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Tgt Ion: 84 Resp: 255249

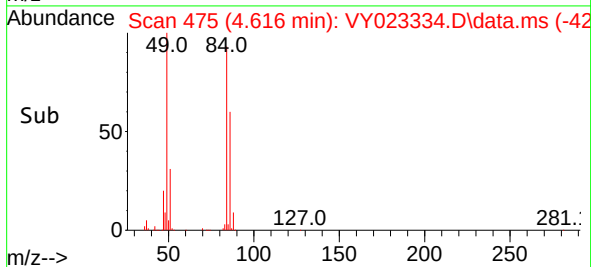
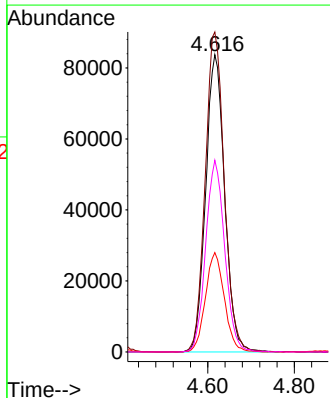
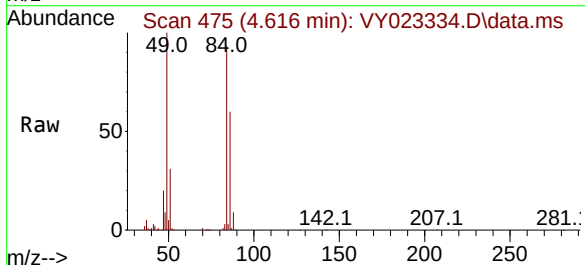
Ion Ratio Lower Upper

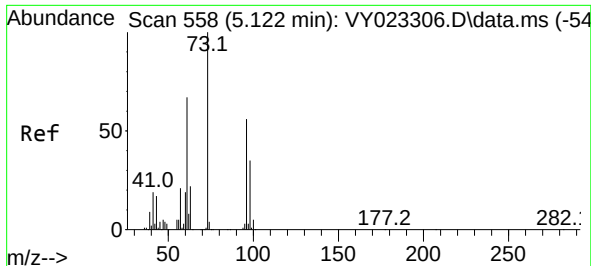
84 100

49 107.6 93.0 139.6

51 33.4 29.0 43.4

86 64.5 50.2 75.4

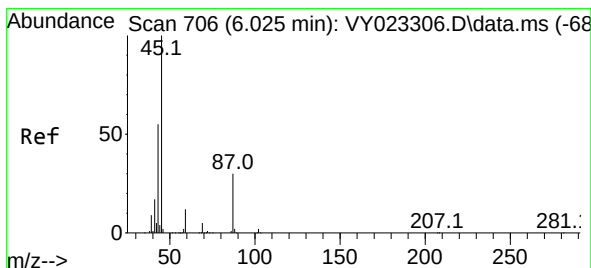
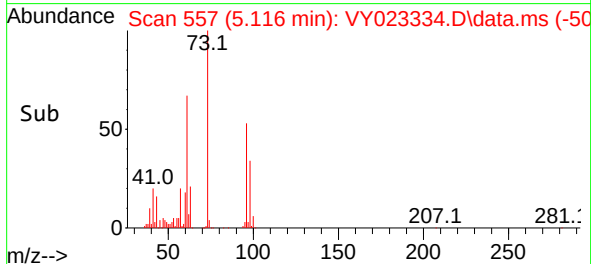
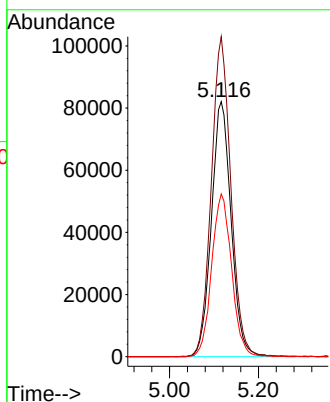
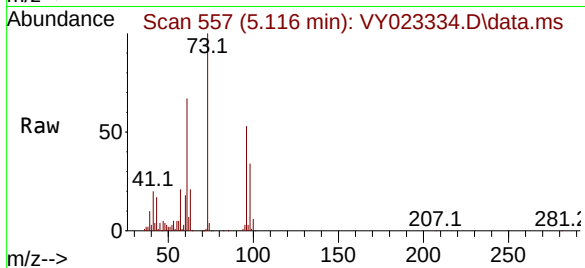




#21
trans-1,2-Dichloroethene
Concen: 46.162 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

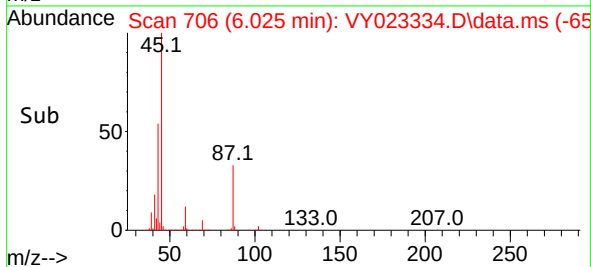
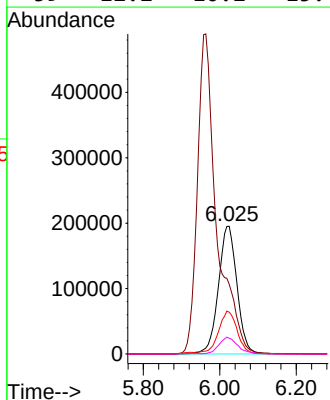
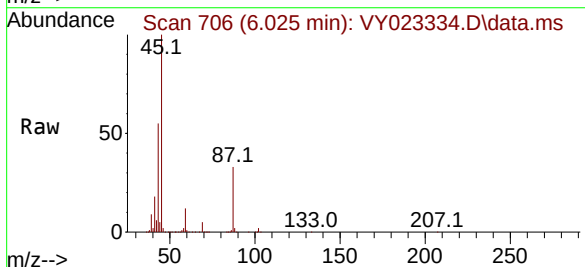
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

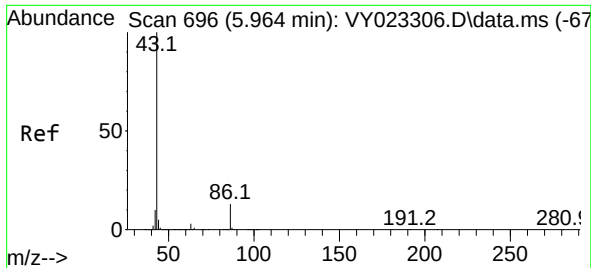
Tgt Ion: 96 Resp: 253083
Ion Ratio Lower Upper
96 100
61 125.4 104.8 157.2
98 63.8 50.1 75.1



#22
Diisopropyl ether
Concen: 47.630 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 45 Resp: 657496
Ion Ratio Lower Upper
45 100
43 54.4 43.4 65.0
87 32.8 24.4 36.6
59 12.2 10.2 15.4

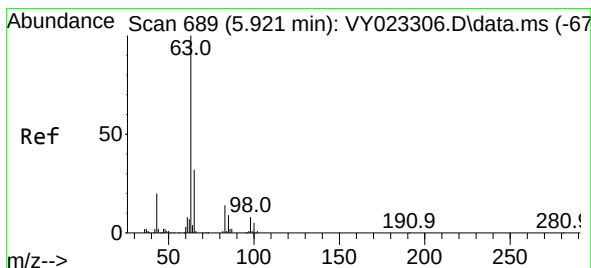
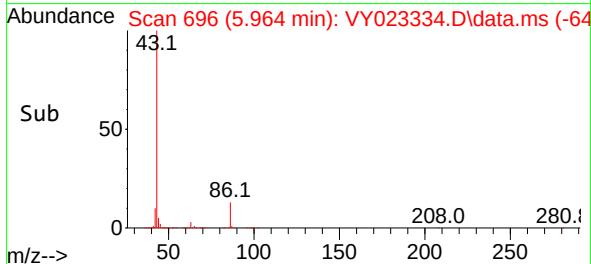
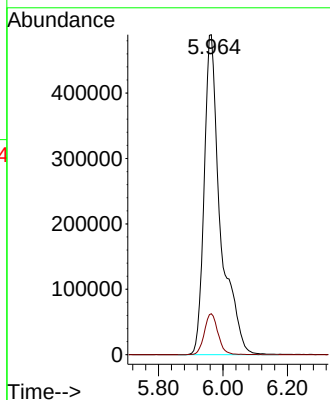
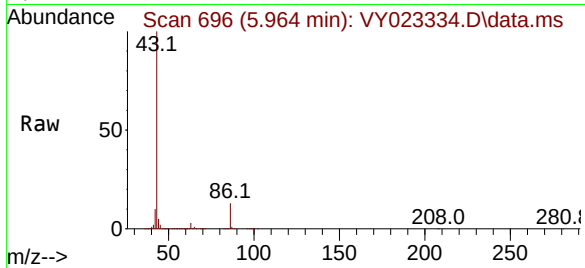




#23
 Vinyl Acetate
 Concen: 224.839 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

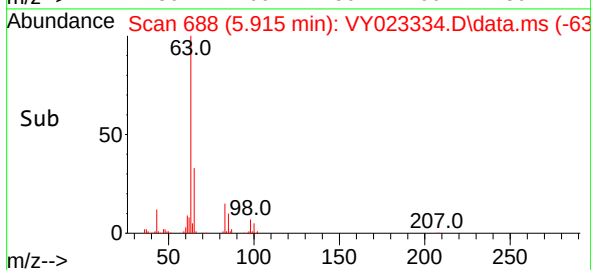
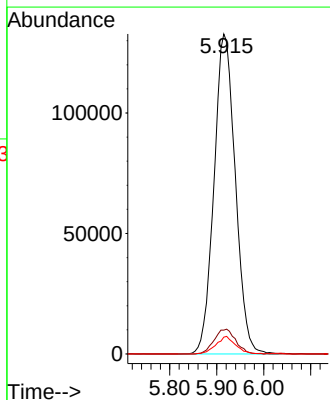
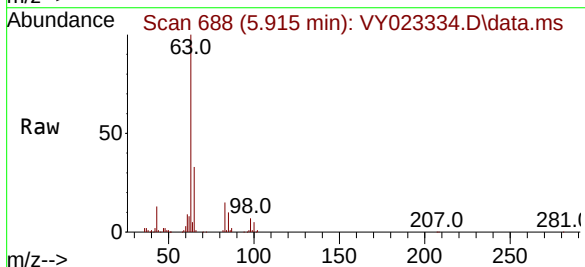
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

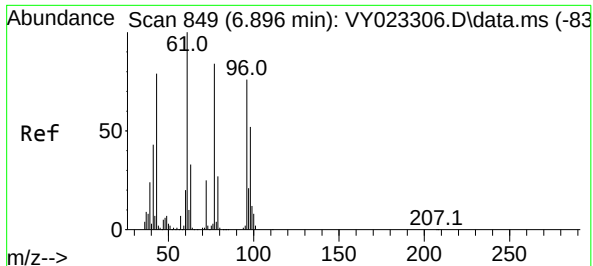
Tgt Ion: 43 Resp: 1715866
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 46.402 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

Tgt Ion: 63 Resp: 418963
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 5.2 2.4 7.1





#25

2-Butanone

Concen: 236.666 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

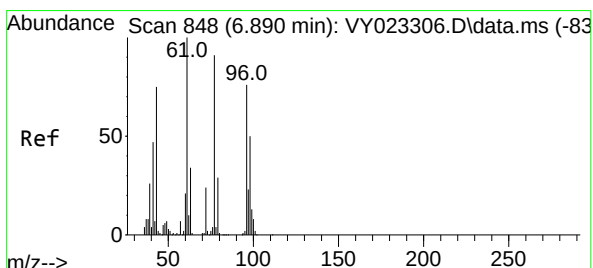
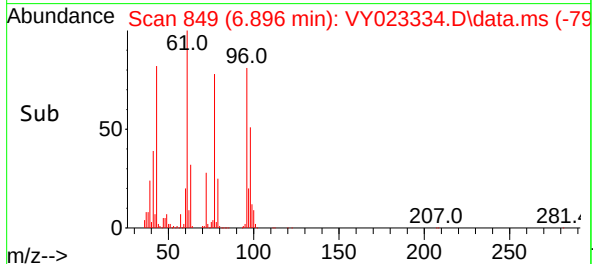
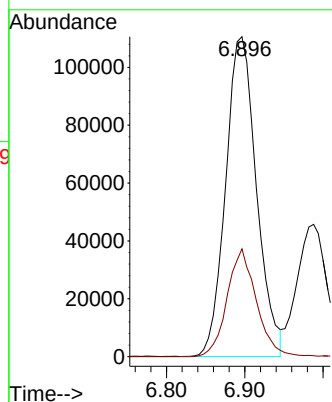
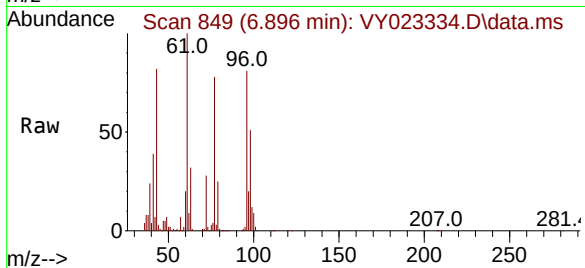
VSTDCCC050EC

Tgt Ion: 43 Resp: 302934

Ion Ratio Lower Upper

43 100

72 33.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 45.308 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023334.D

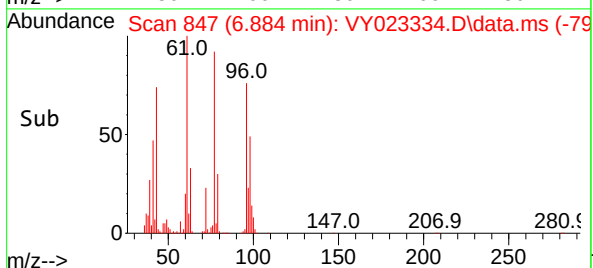
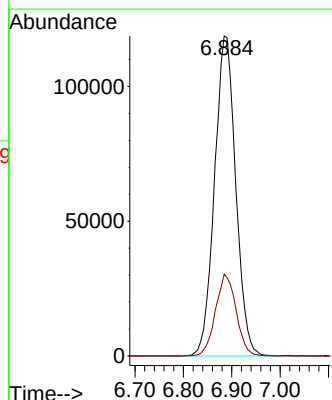
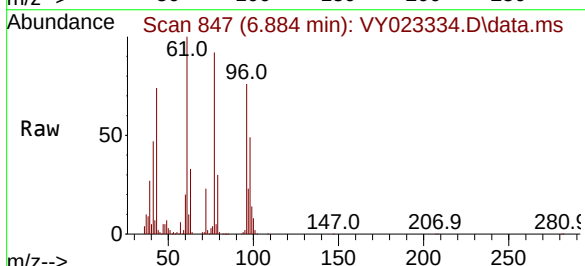
Acq: 10 Sep 2025 15:35

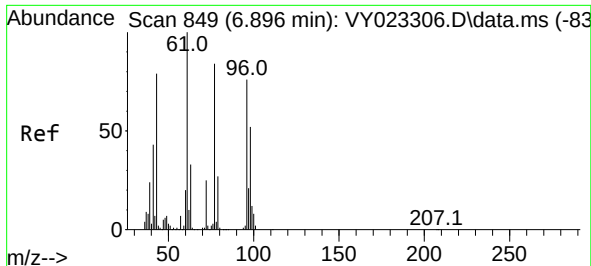
Tgt Ion: 77 Resp: 361211

Ion Ratio Lower Upper

77 100

97 24.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.904 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

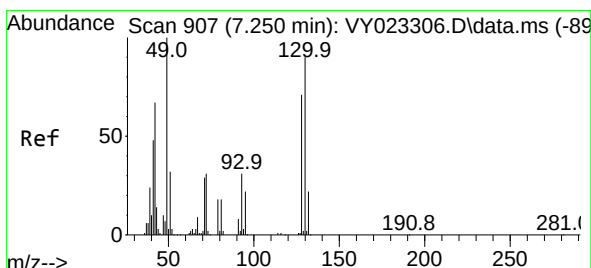
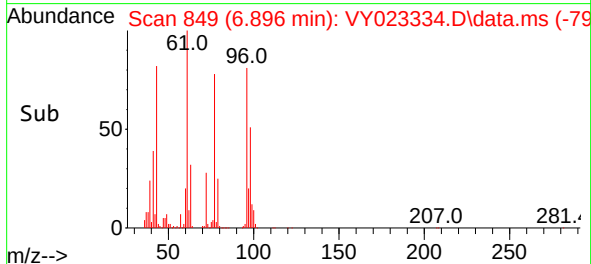
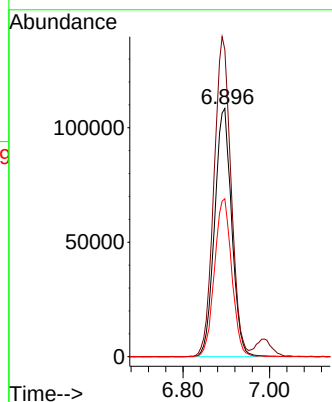
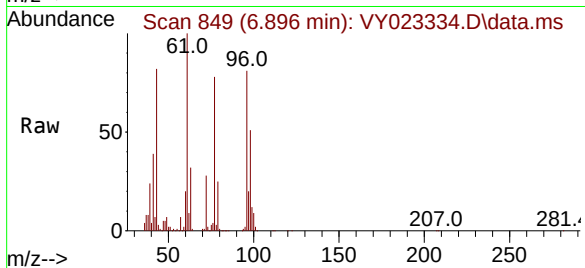
Tgt Ion: 96 Resp: 297410

Ion Ratio Lower Upper

96 100

61 128.8 0.0 278.6

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 47.443 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

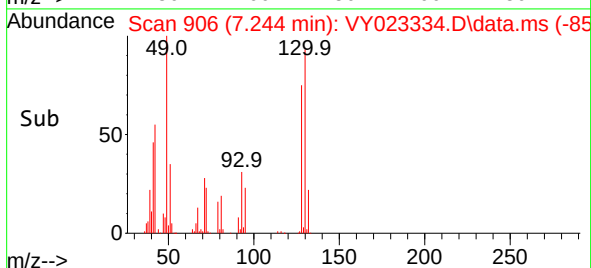
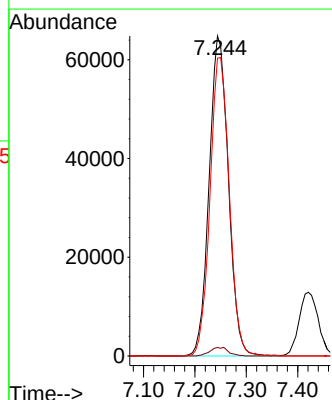
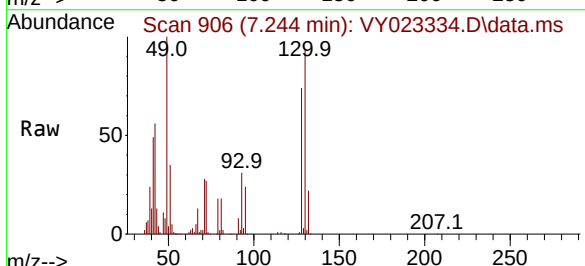
Tgt Ion: 49 Resp: 168553

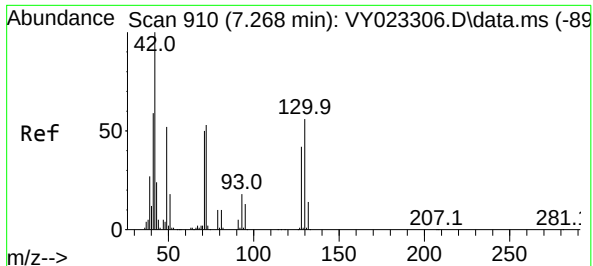
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 93.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 243.520 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

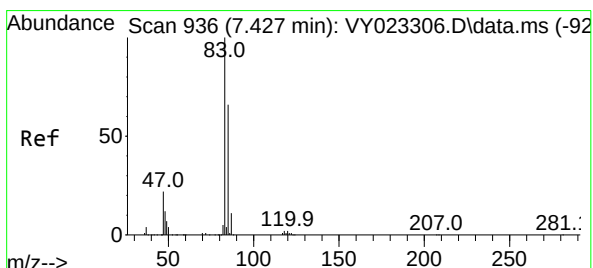
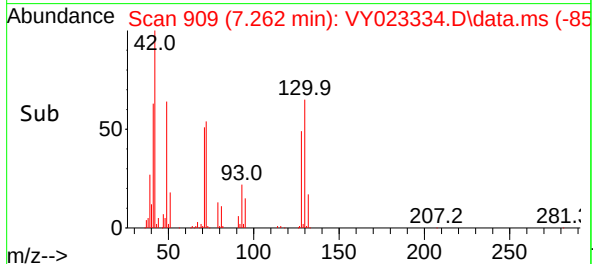
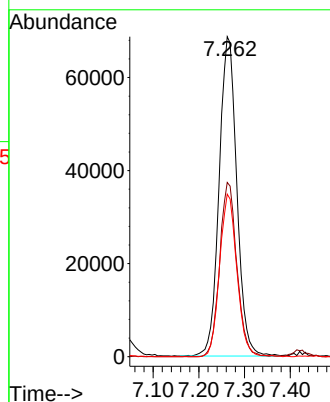
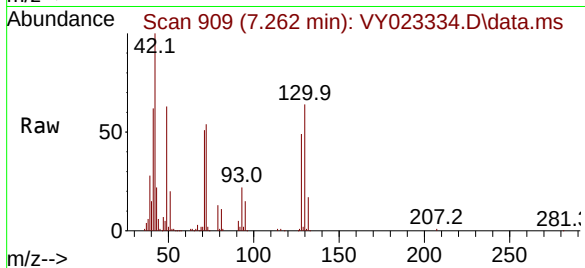
Tgt Ion: 42 Resp: 184887

Ion Ratio Lower Upper

42 100

72 53.1 39.4 59.2

71 49.8 36.5 54.7



#30

Chloroform

Concen: 47.268 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023334.D

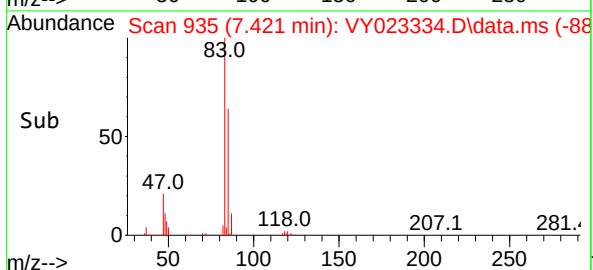
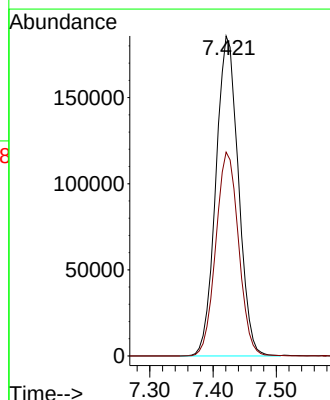
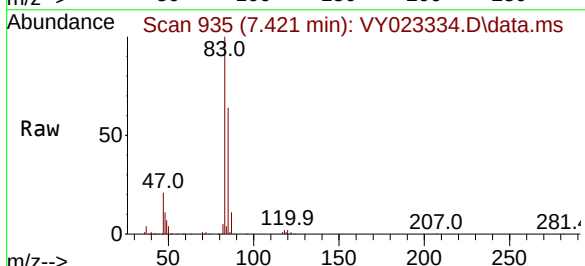
Acq: 10 Sep 2025 15:35

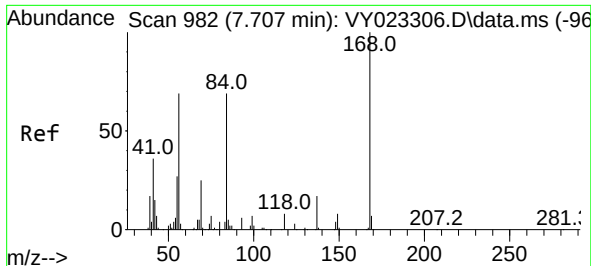
Tgt Ion: 83 Resp: 458566

Ion Ratio Lower Upper

83 100

85 63.7 53.8 80.8

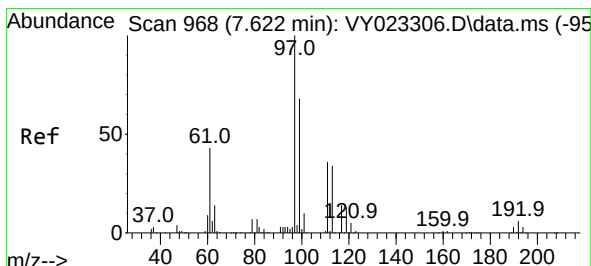
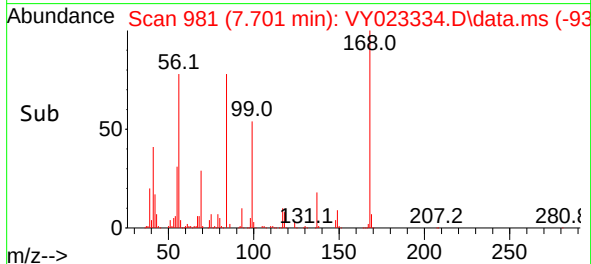
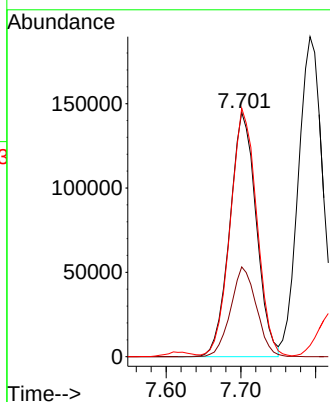
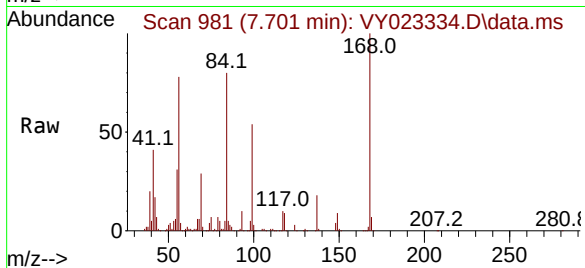




#31
Cyclohexane
Concen: 44.723 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

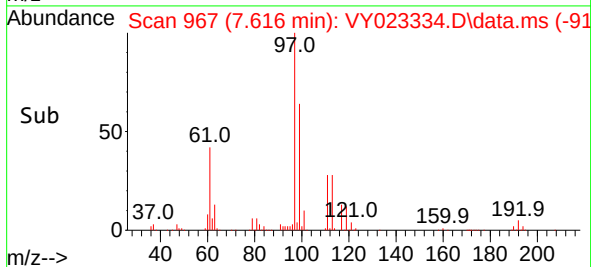
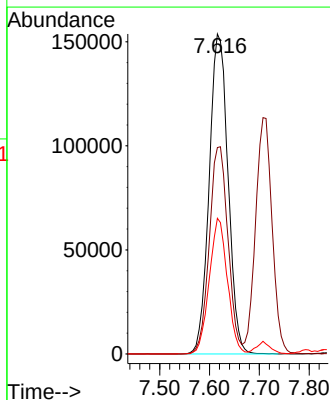
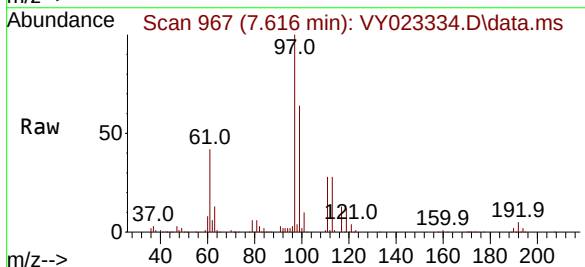
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

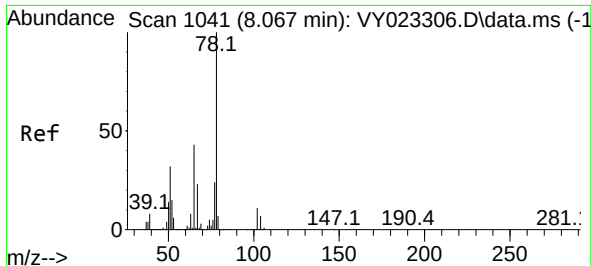
Tgt Ion: 56 Resp: 357328
Ion Ratio Lower Upper
56 100
69 36.7 28.2 42.2
84 99.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 46.564 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 97 Resp: 403594
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 40.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.344 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

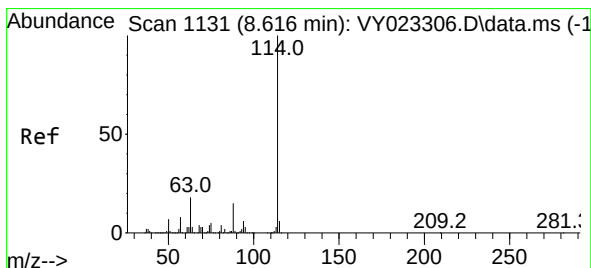
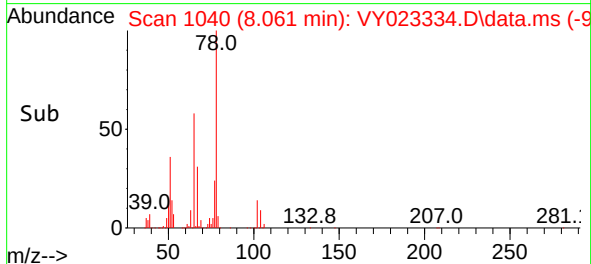
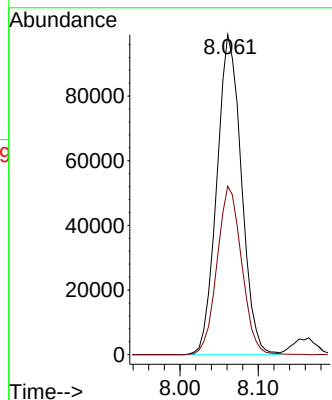
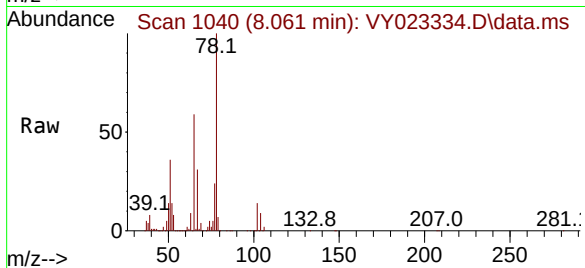
VSTDCCC050EC

Tgt Ion: 65 Resp: 216163

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

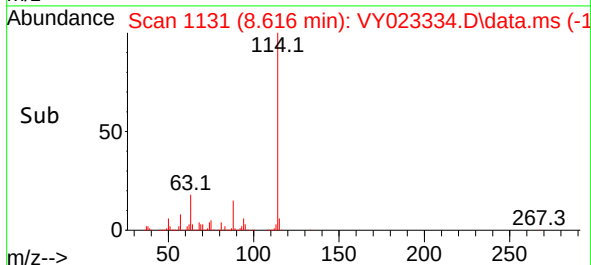
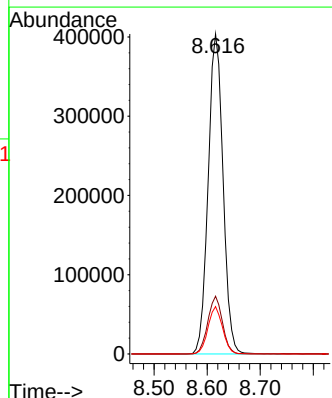
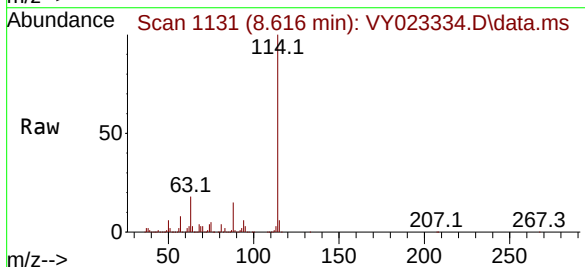
Tgt Ion: 114 Resp: 784874

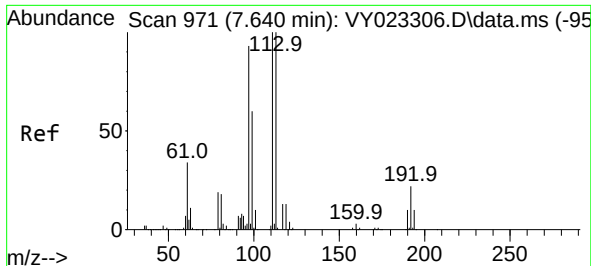
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.8 0.0 30.0

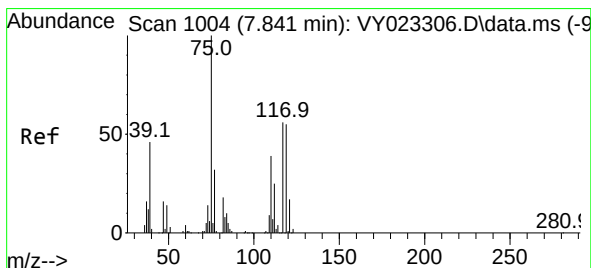
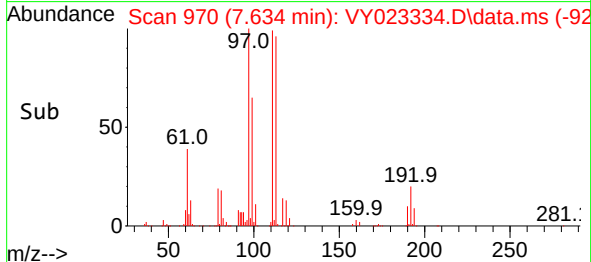
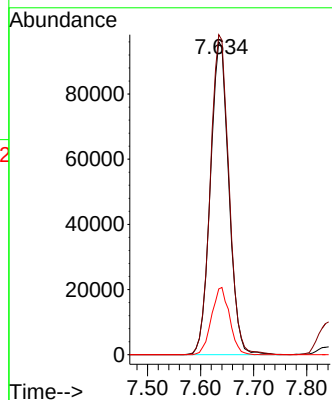
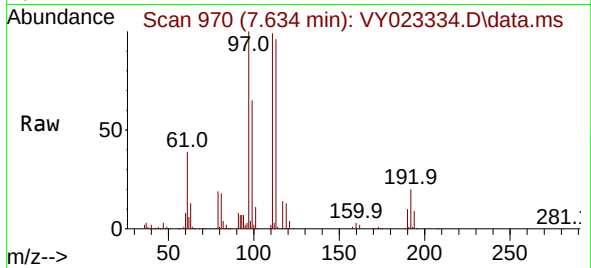




#35
Dibromofluoromethane
Concen: 48.432 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

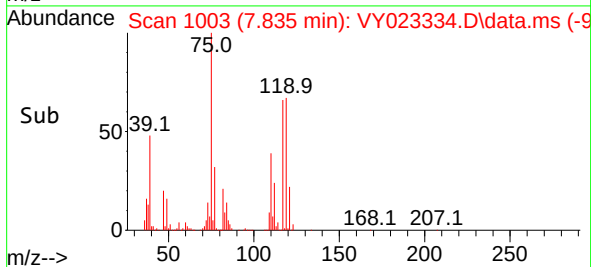
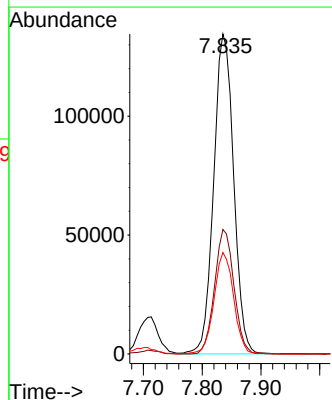
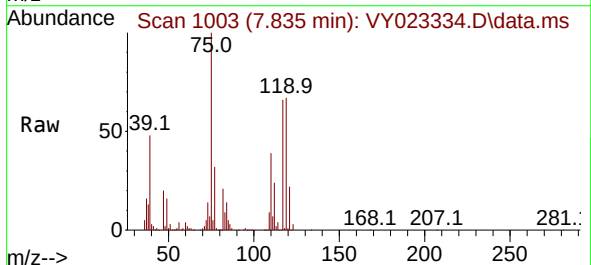
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

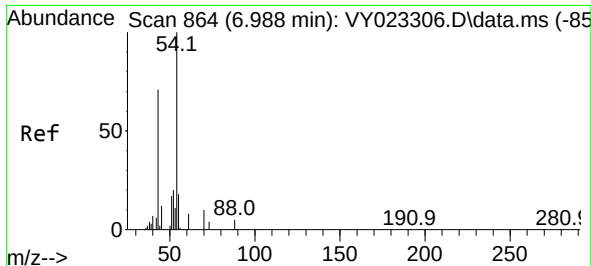
Tgt Ion:113 Resp: 232362
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 20.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 46.465 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 75 Resp: 317505
Ion Ratio Lower Upper
75 100
110 37.8 18.1 54.4
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 47.055 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

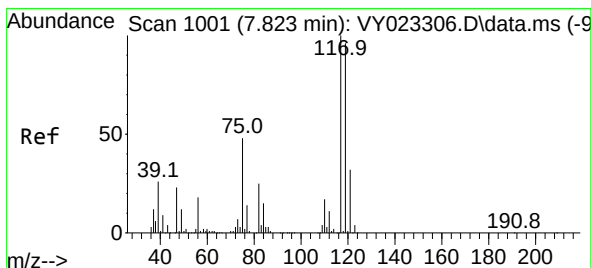
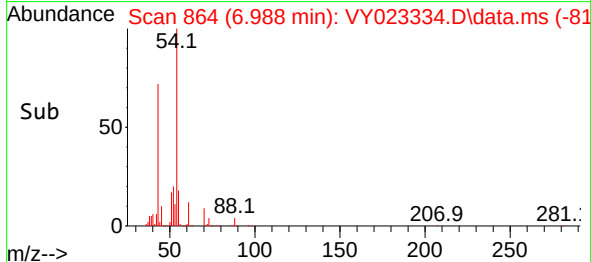
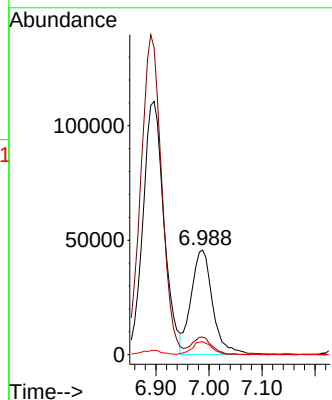
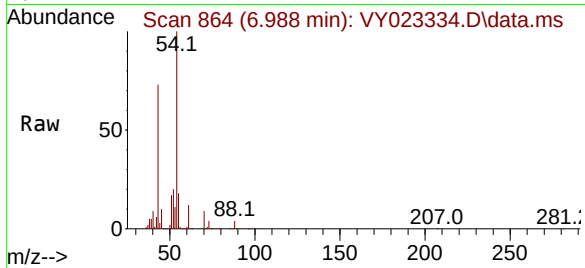
Tgt Ion: 43 Resp: 127906

Ion Ratio Lower Upper

43 100

61 15.9 11.9 17.9

70 11.7 8.8 13.2



#38

Carbon Tetrachloride

Concen: 46.651 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

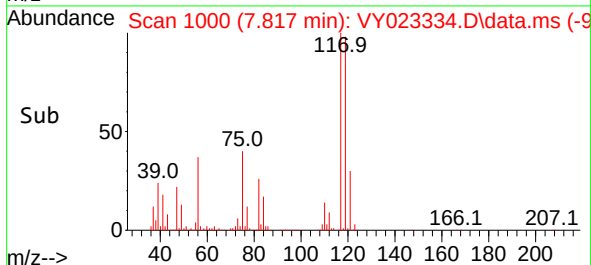
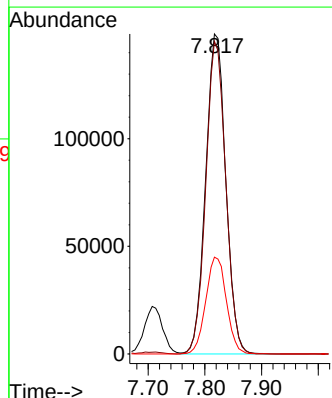
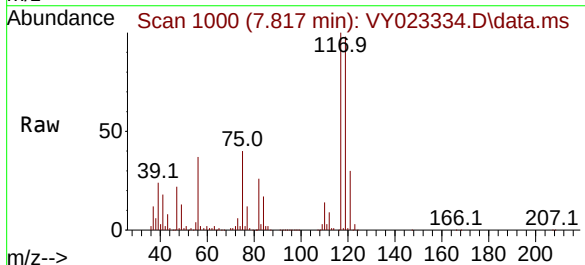
Tgt Ion: 117 Resp: 366805

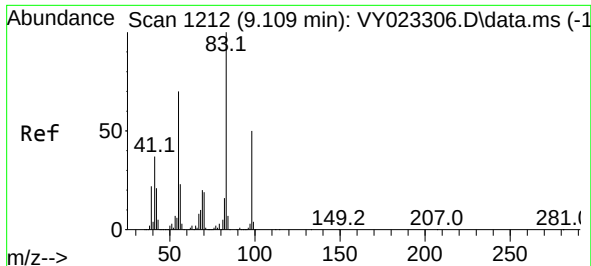
Ion Ratio Lower Upper

117 100

119 97.7 75.6 113.4

121 30.2 25.8 38.8





#39

Methylcyclohexane

Concen: 47.799 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

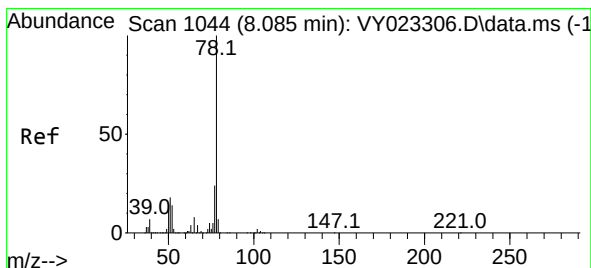
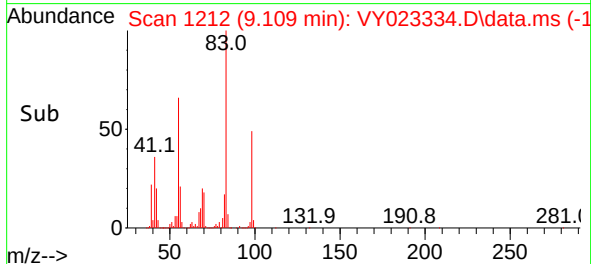
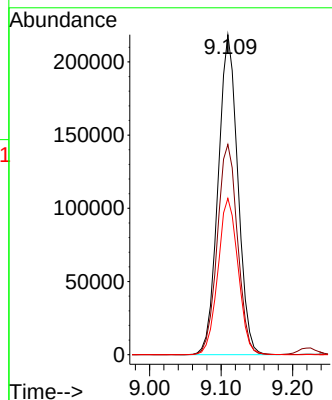
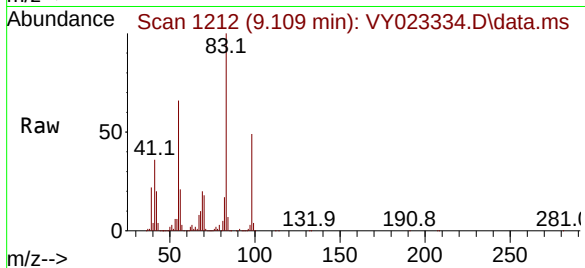
Tgt Ion: 83 Resp: 417843

Ion Ratio Lower Upper

83 100

55 65.7 57.6 86.4

98 48.8 39.2 58.8



#40

Benzene

Concen: 47.245 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023334.D

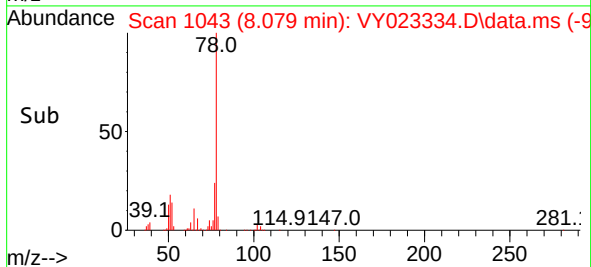
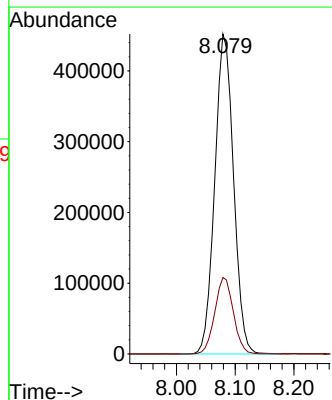
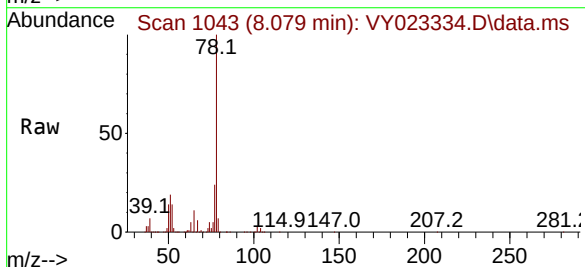
Acq: 10 Sep 2025 15:35

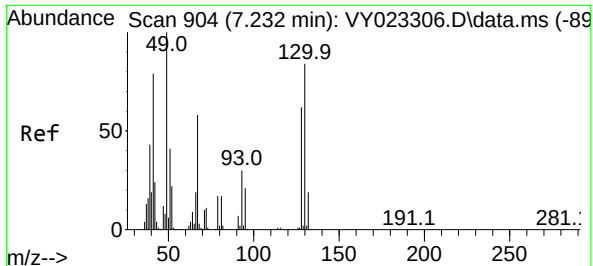
Tgt Ion: 78 Resp: 1003457

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0

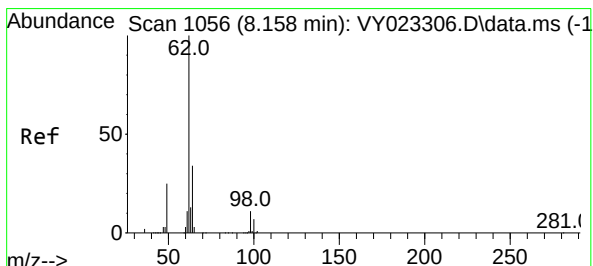
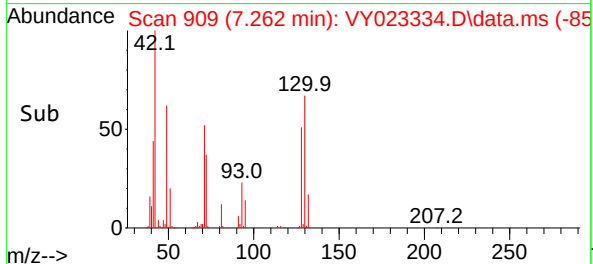
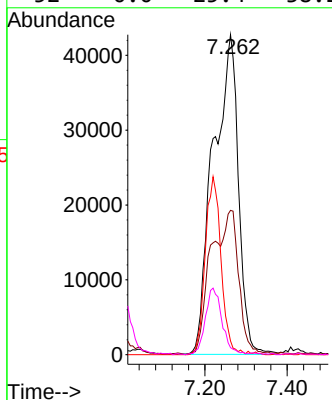
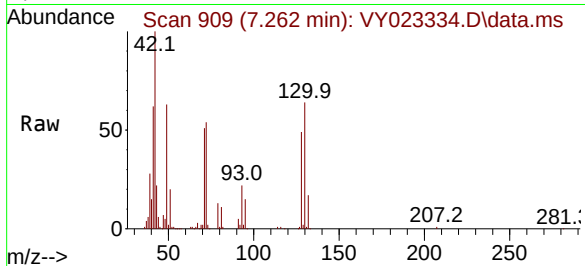




#41
Methacrylonitrile
Concen: 128.507 ug/l
RT: 7.262 min Scan# 904
Delta R.T. 0.043 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

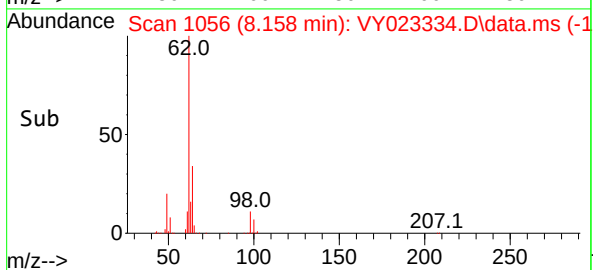
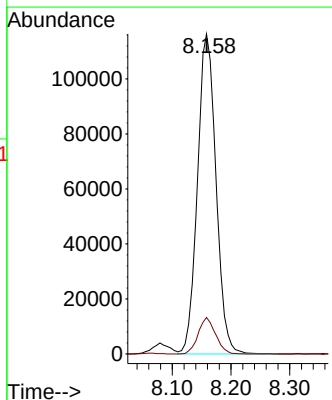
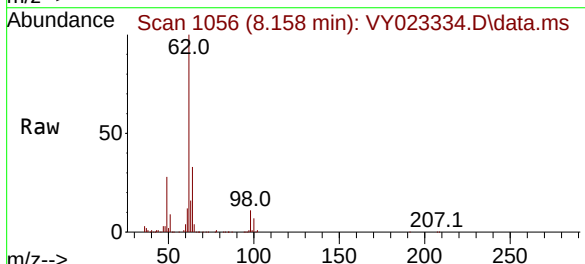
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

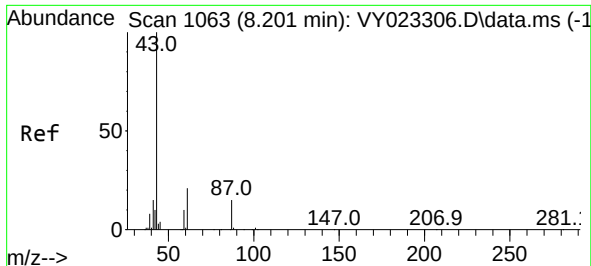
Tgt Ion: 41 Resp: 180892
Ion Ratio Lower Upper
41 100
39 24.2 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 47.166 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 62 Resp: 255055
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.6

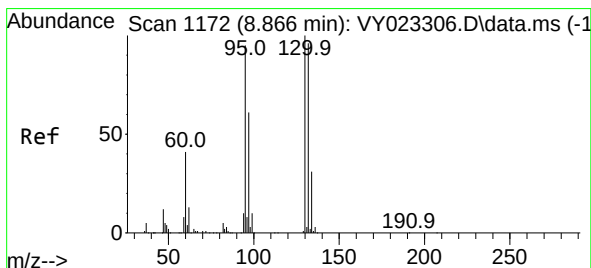
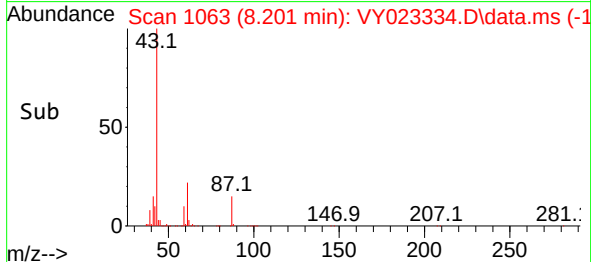
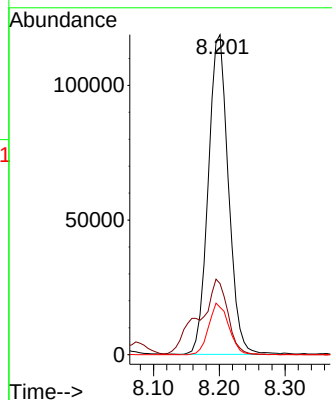
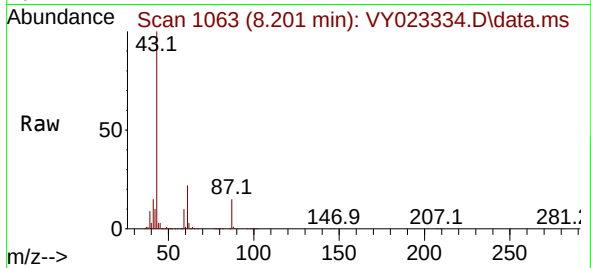




#43
Isopropyl Acetate
Concen: 47.811 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

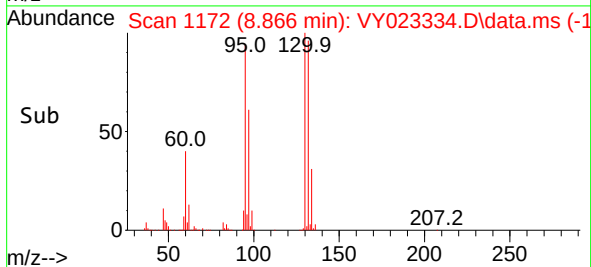
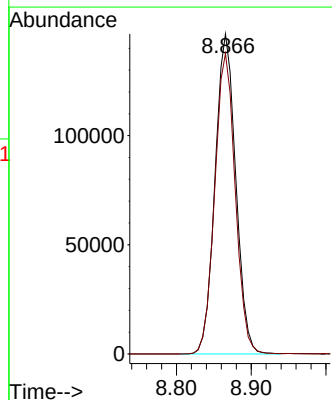
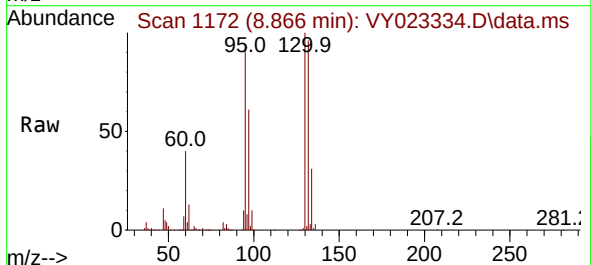
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

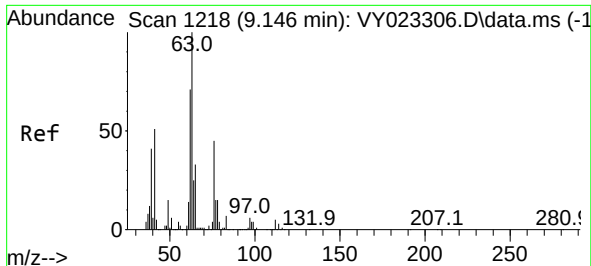
Tgt Ion: 43 Resp: 252773
Ion Ratio Lower Upper
43 100
61 33.8 16.4 24.6#
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 47.653 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion:130 Resp: 281910
Ion Ratio Lower Upper
130 100
95 93.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 47.551 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

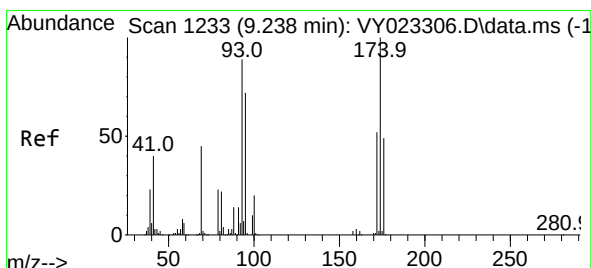
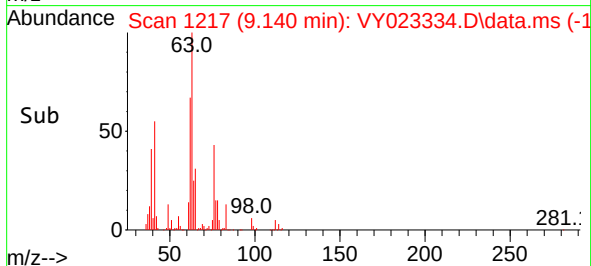
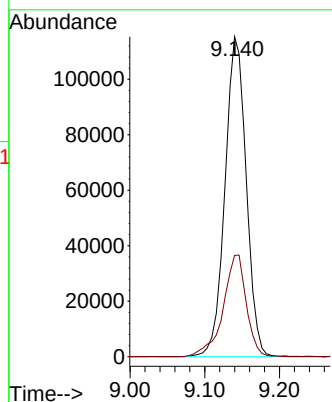
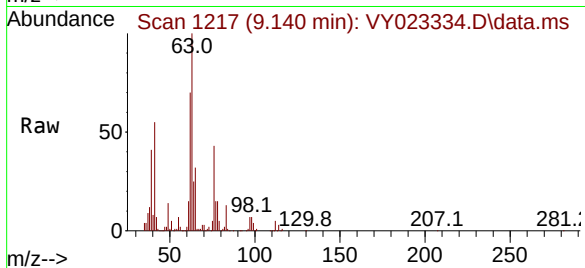
VSTDCCC050EC

Tgt Ion: 63 Resp: 228094

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 48.112 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

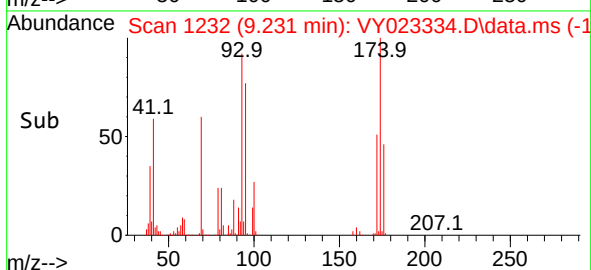
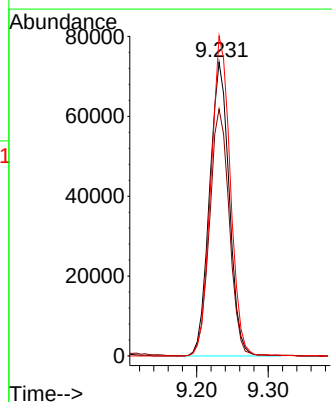
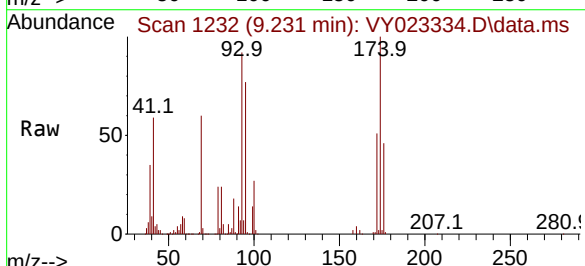
Tgt Ion: 93 Resp: 140545

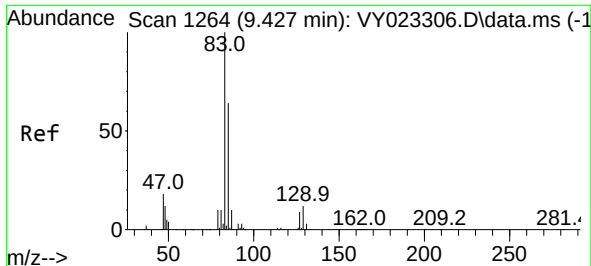
Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

174 107.5 81.8 122.8

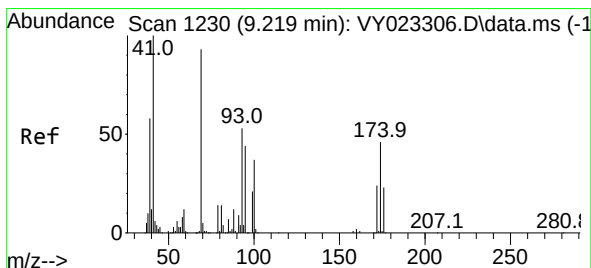
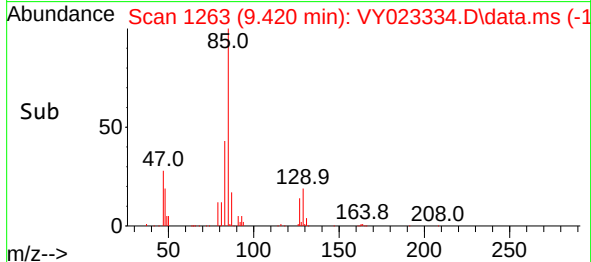
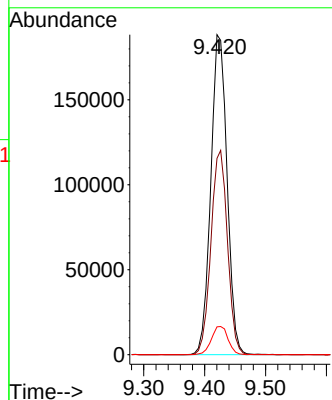
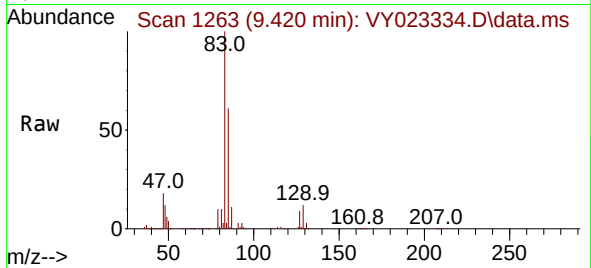




#47
Bromodichloromethane
Concen: 47.583 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

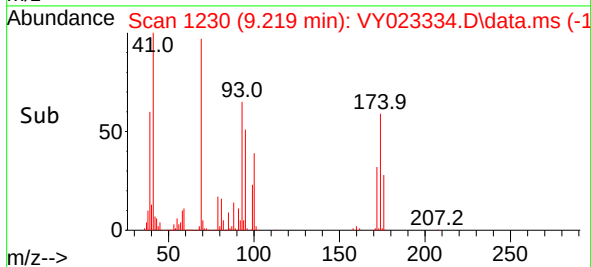
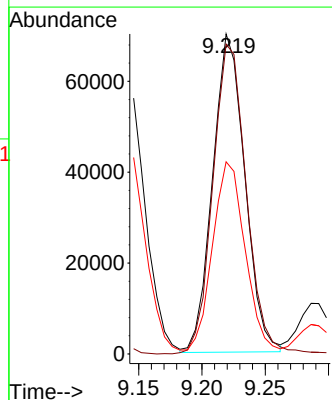
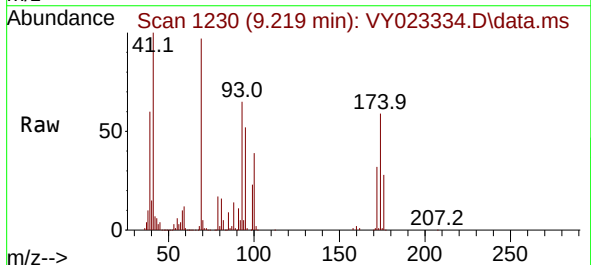
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

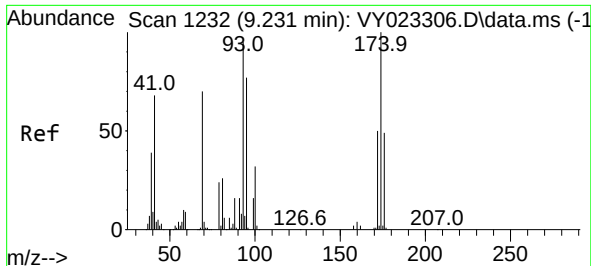
Tgt Ion: 83 Resp: 349691
Ion Ratio Lower Upper
83 100
85 61.3 50.2 75.4
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 50.225 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 41 Resp: 123768
Ion Ratio Lower Upper
41 100
69 101.3 73.2 109.8
39 59.5 47.0 70.4





#49

1,4-Dioxane

Concen: 1066.218 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

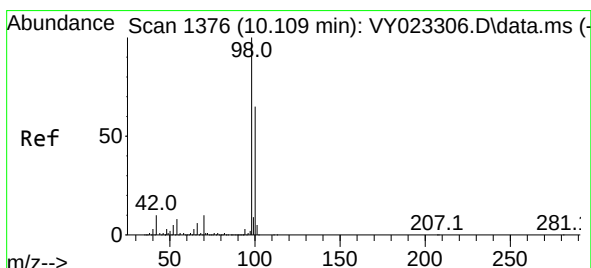
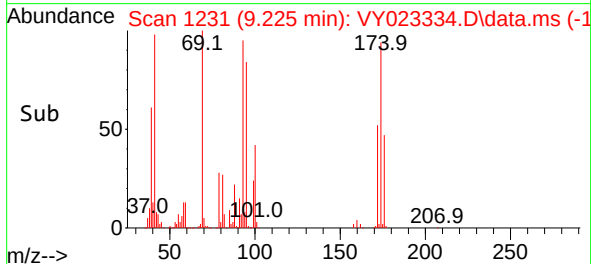
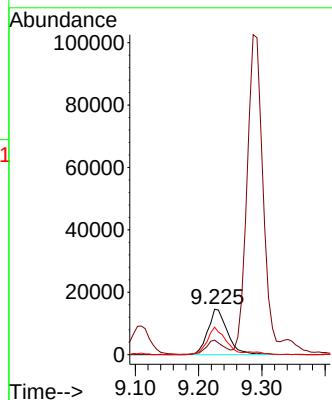
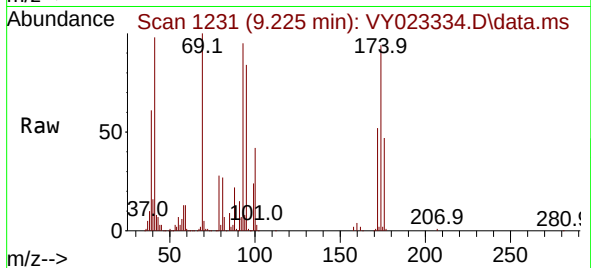
Tgt Ion: 88 Resp: 31617

Ion Ratio Lower Upper

88 100

43 26.2 24.3 36.5

58 56.0 55.4 83.0



#50

Toluene-d8

Concen: 48.937 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023334.D

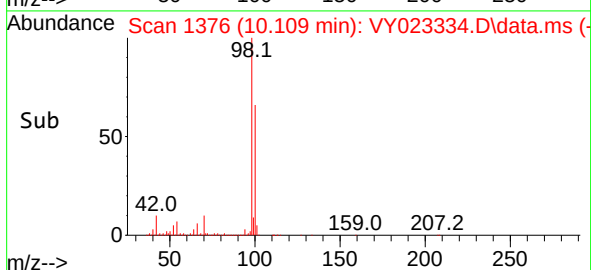
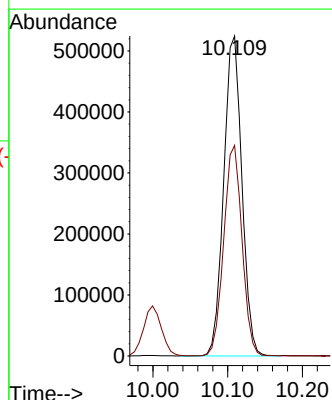
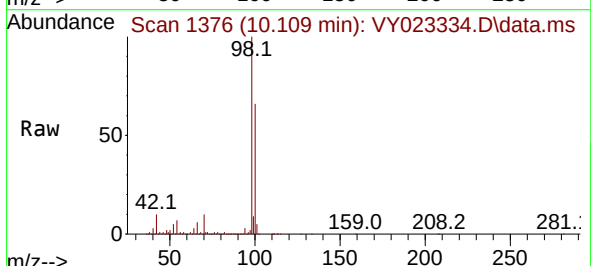
Acq: 10 Sep 2025 15:35

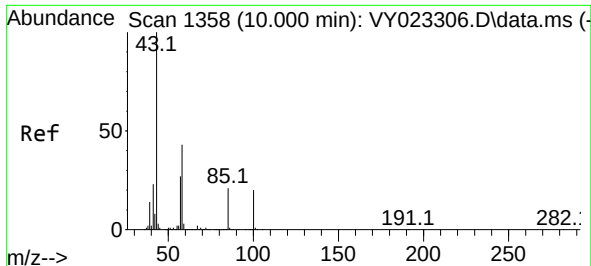
Tgt Ion: 98 Resp: 886561

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5

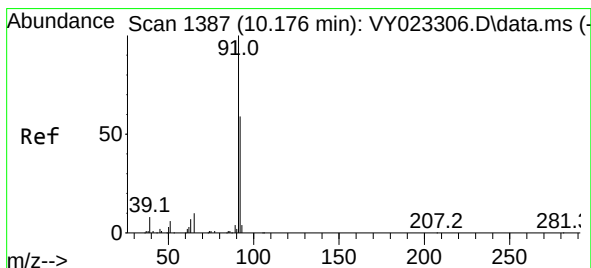
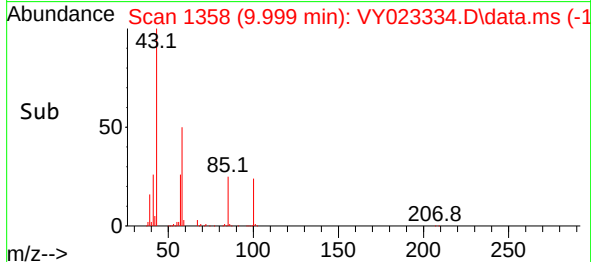
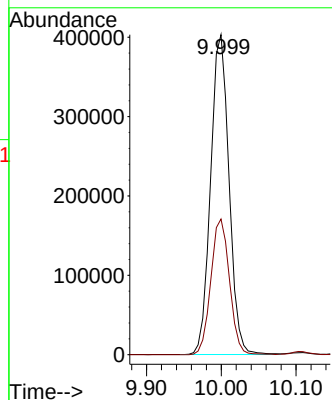
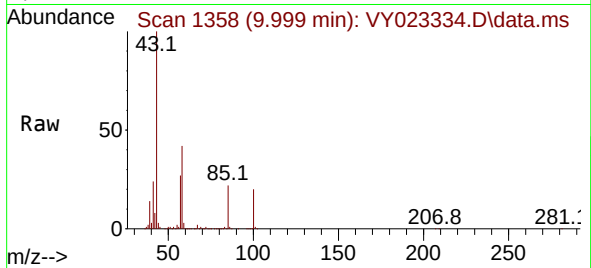




#51
4-Methyl-2-Pentanone
Concen: 255.153 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

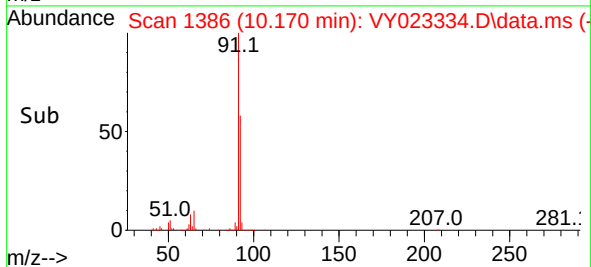
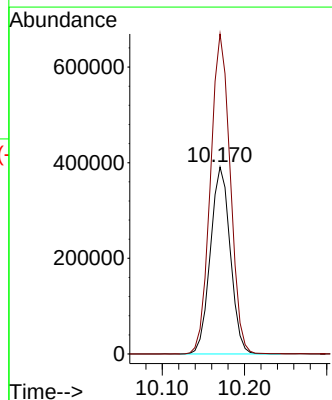
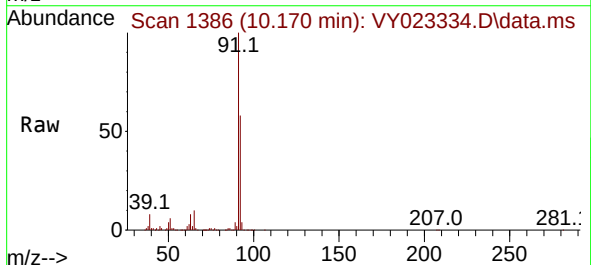
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

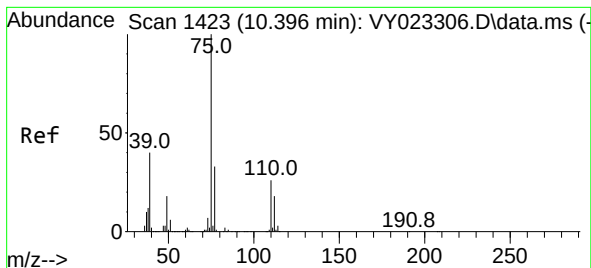
Tgt Ion: 43 Resp: 690137
Ion Ratio Lower Upper
43 100
58 42.9 33.5 50.3



#52
Toluene
Concen: 48.638 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 92 Resp: 655583
Ion Ratio Lower Upper
92 100
91 171.0 136.4 204.6

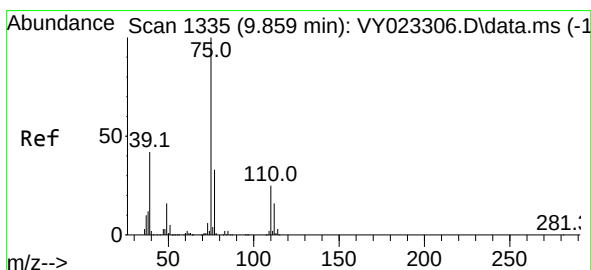
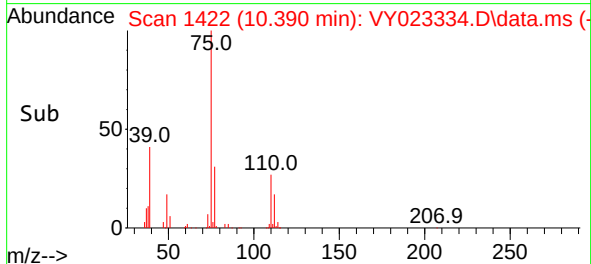
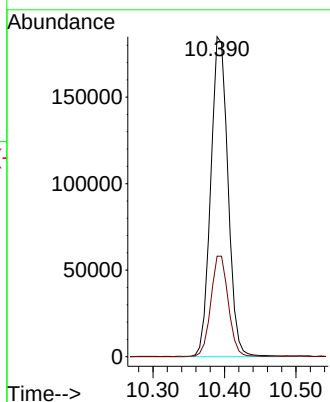
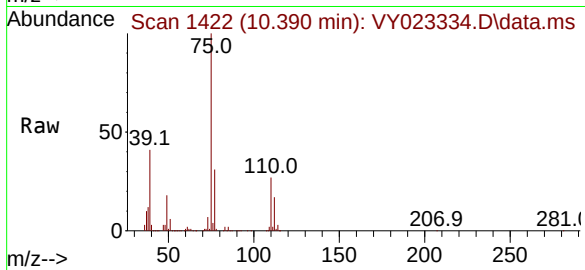




#53
 t-1,3-Dichloropropene
 Concen: 48.900 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

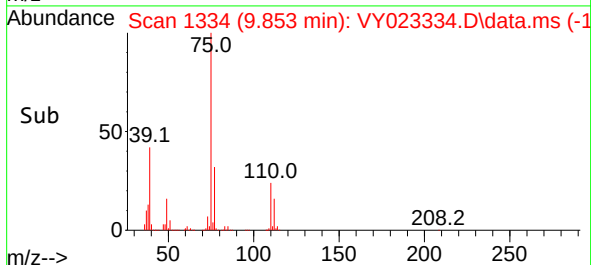
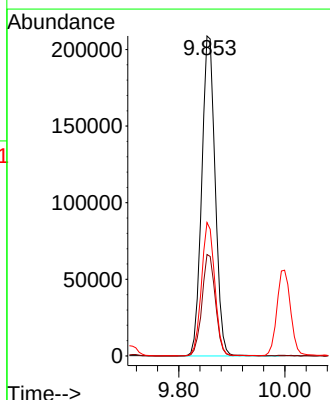
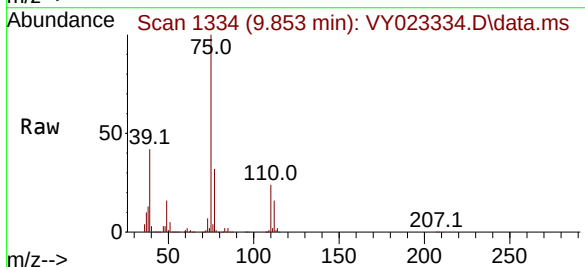
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

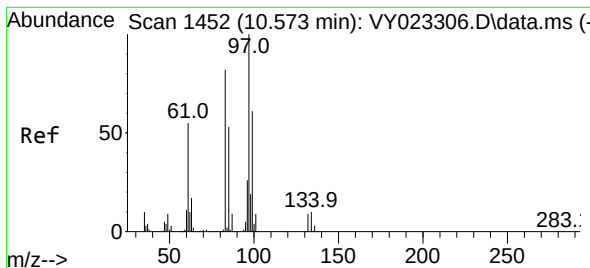
Tgt Ion: 75 Resp: 309403
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.551 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

Tgt Ion: 75 Resp: 367071
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 41.6 35.6 53.4

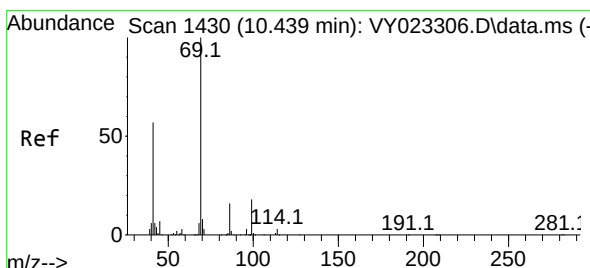
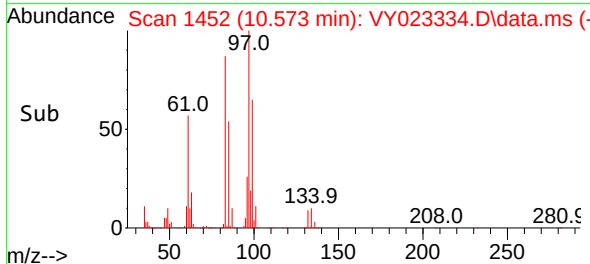
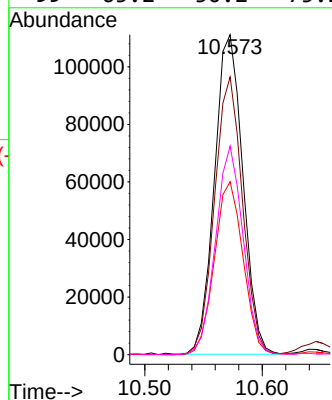
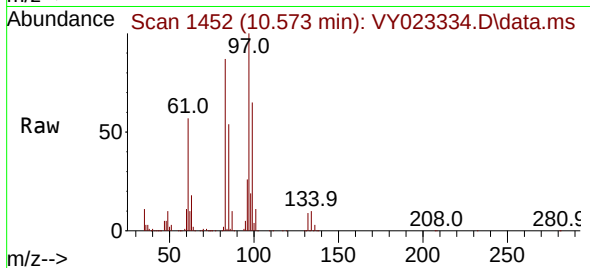




#55
1,1,2-Trichloroethane
Concen: 48.027 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

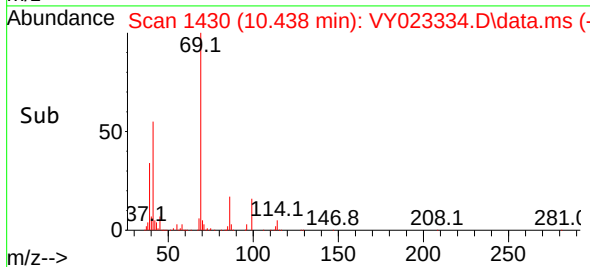
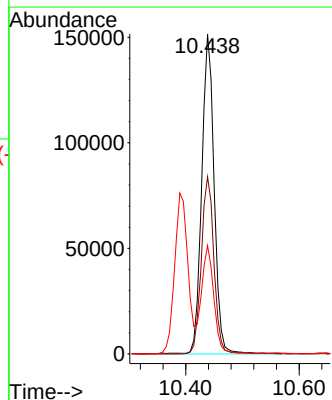
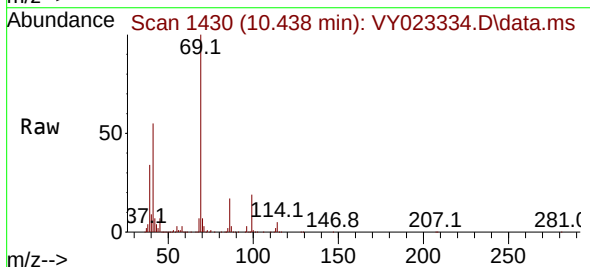
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

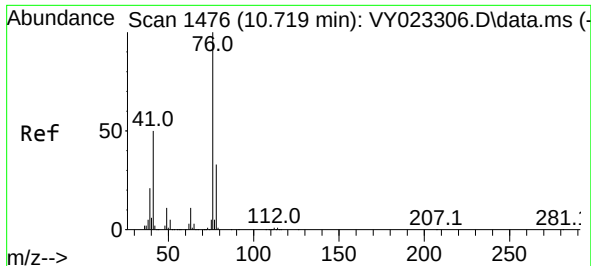
Tgt Ion:	97	Resp:	186626
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.7	101.5
85	54.1	44.5	66.7
99	65.2	50.2	75.2



#56
Ethyl methacrylate
Concen: 50.921 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion:	69	Resp:	229245
Ion	Ratio	Lower	Upper
69	100		
41	55.7	48.6	72.8
39	34.2	27.0	40.4





#57

1,3-Dichloropropane

Concen: 48.766 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

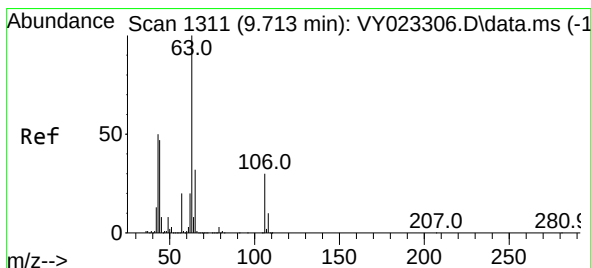
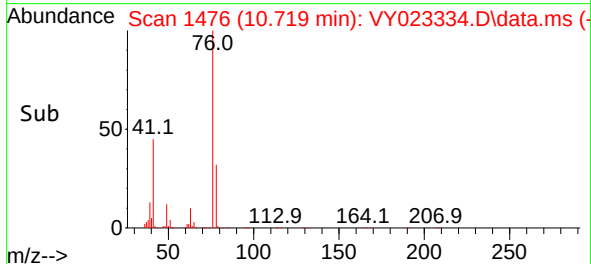
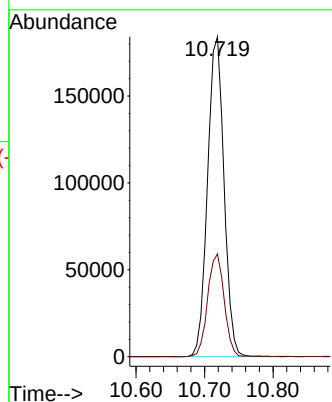
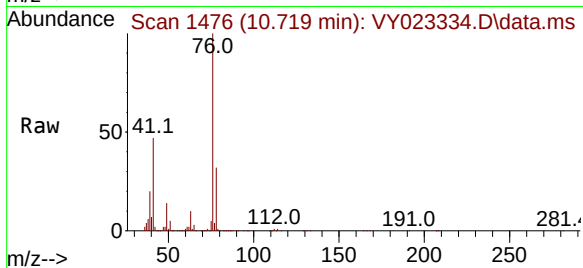
VSTDCCC050EC

Tgt Ion: 76 Resp: 307634

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 277.992 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023334.D

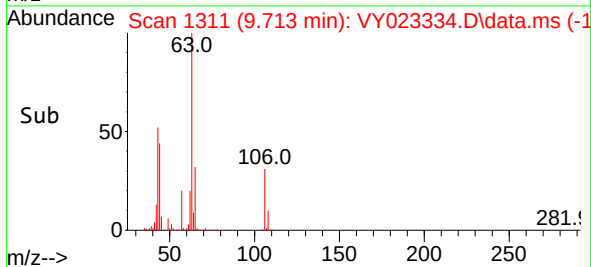
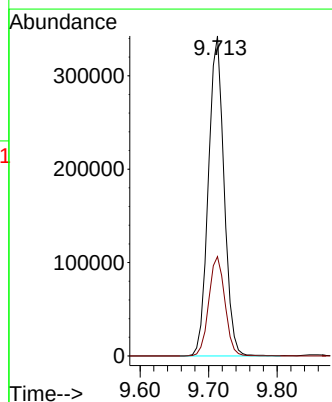
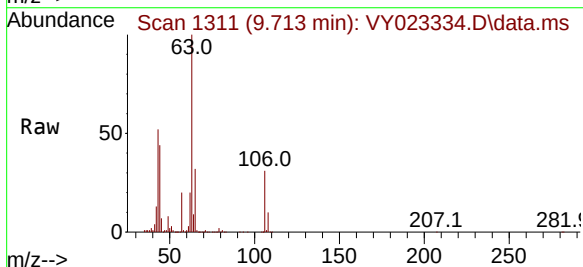
Acq: 10 Sep 2025 15:35

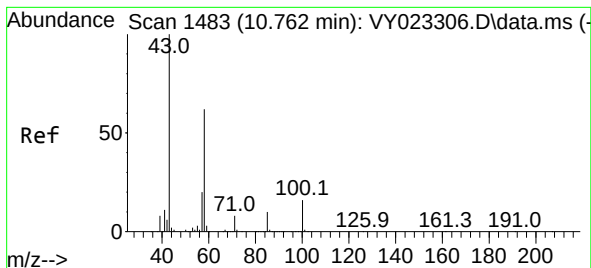
Tgt Ion: 63 Resp: 545463

Ion Ratio Lower Upper

63 100

106 31.8 23.2 34.8

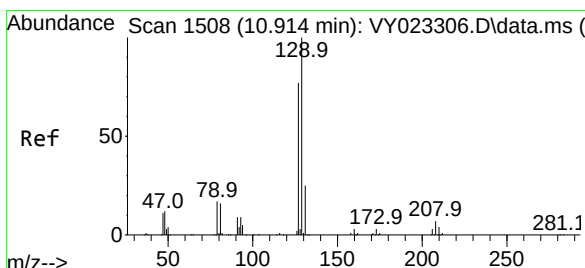
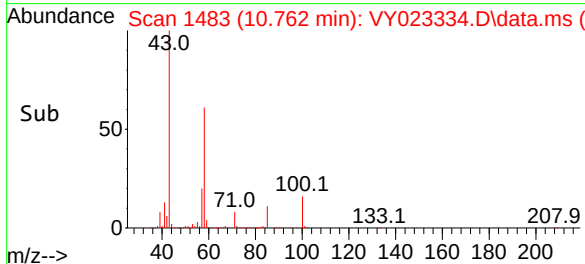
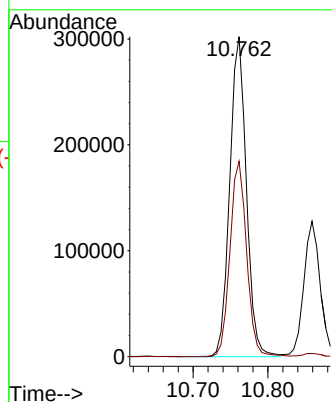
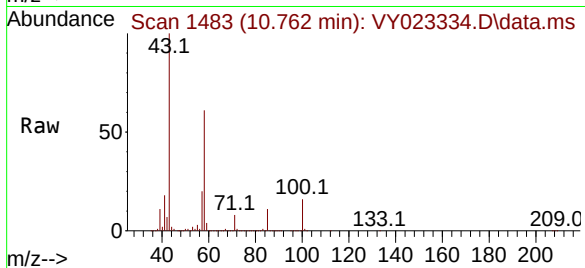




#59
2-Hexanone
Concen: 249.729 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

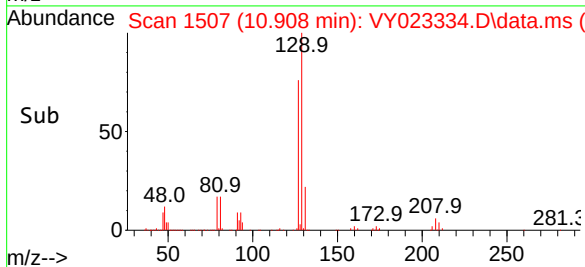
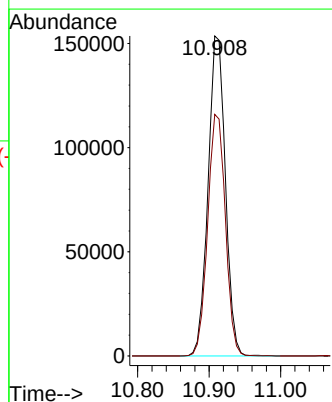
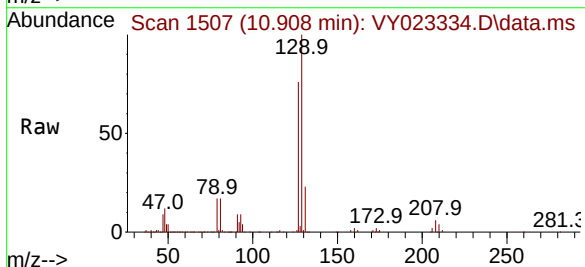
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

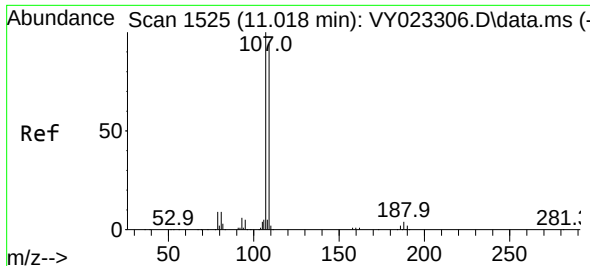
Tgt Ion: 43 Resp: 466949
Ion Ratio Lower Upper
43 100
58 61.3 29.5 88.5



#60
Dibromochloromethane
Concen: 48.923 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 129 Resp: 257944
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

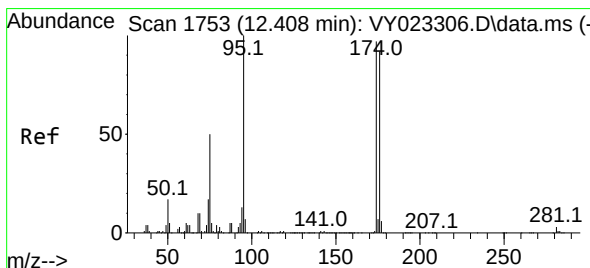
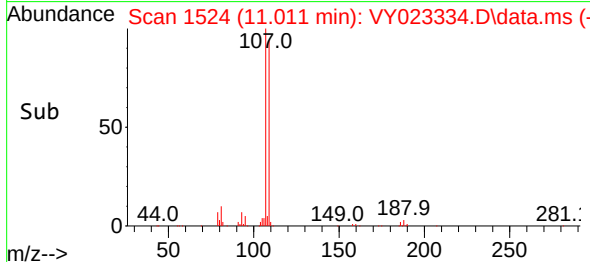
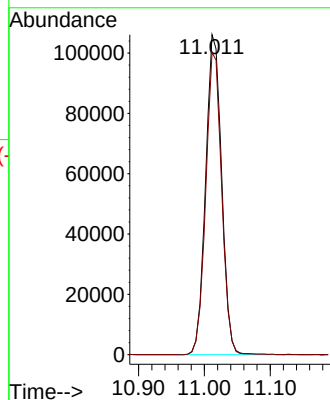
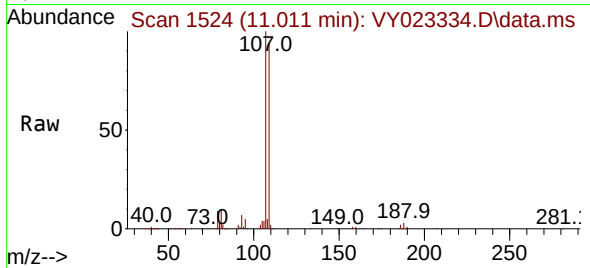




#61
1,2-Dibromoethane
Concen: 49.295 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

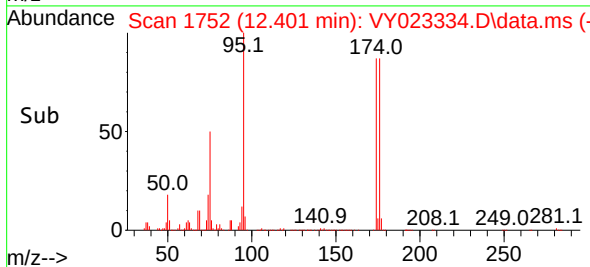
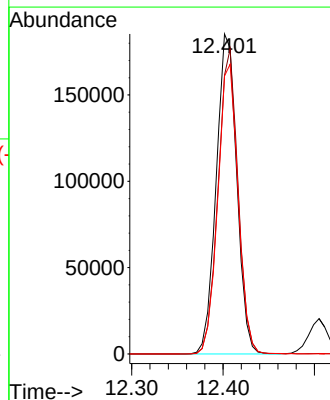
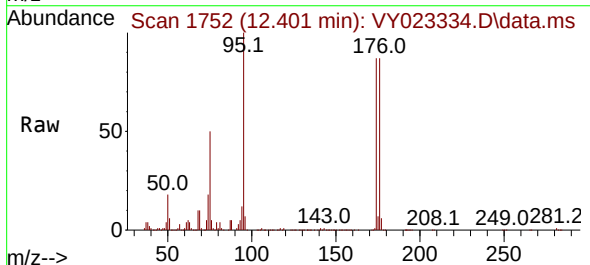
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

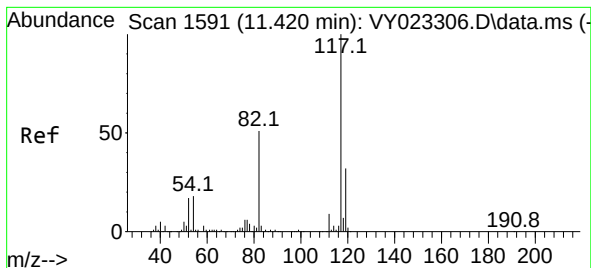
Tgt Ion:107 Resp: 179496
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.704 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 95 Resp: 289069
Ion Ratio Lower Upper
95 100
174 92.6 0.0 171.6
176 89.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

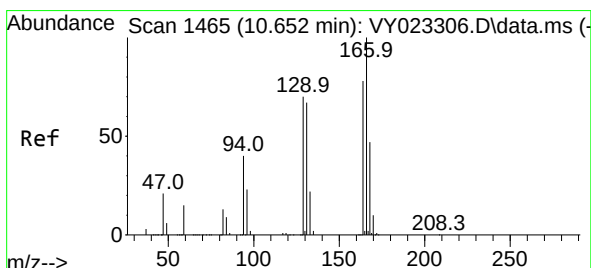
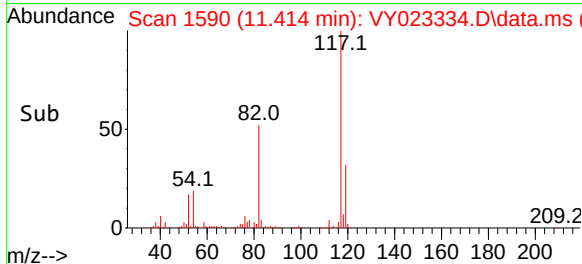
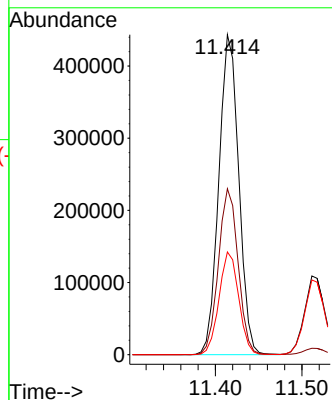
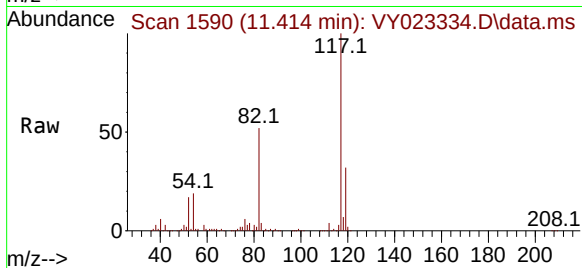
Tgt Ion:117 Resp: 708690

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 49.826 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Tgt Ion:164 Resp: 351935

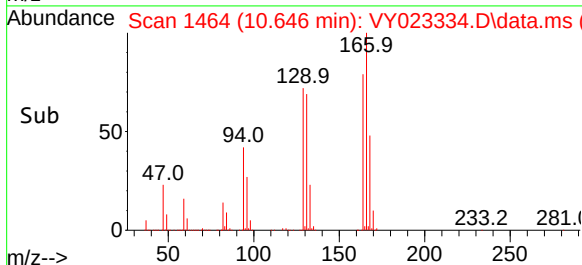
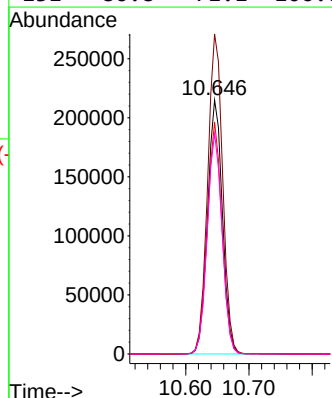
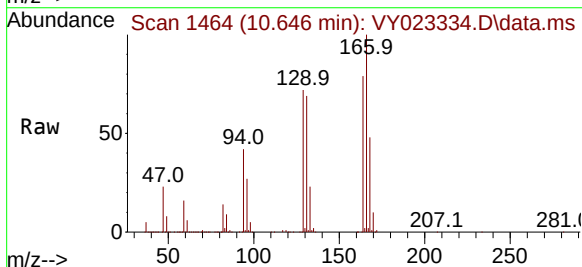
Ion Ratio Lower Upper

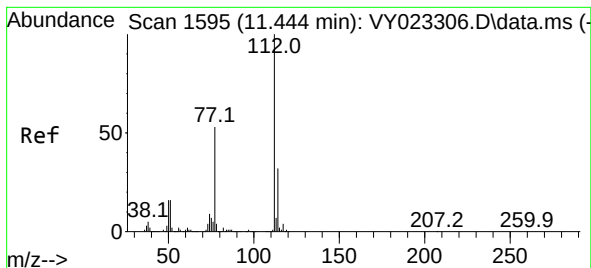
164 100

166 126.0 101.1 151.7

129 91.4 74.0 111.0

131 86.8 71.1 106.7





#65

Chlorobenzene

Concen: 47.265 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

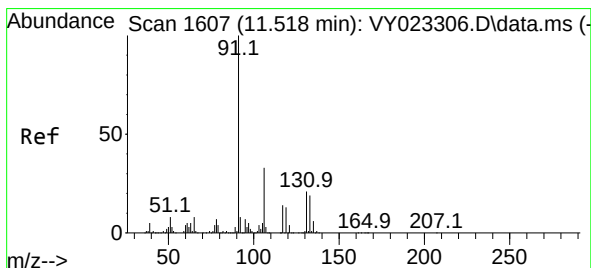
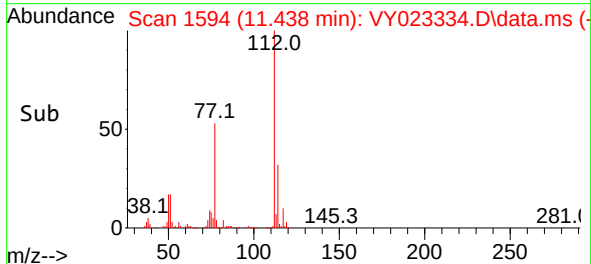
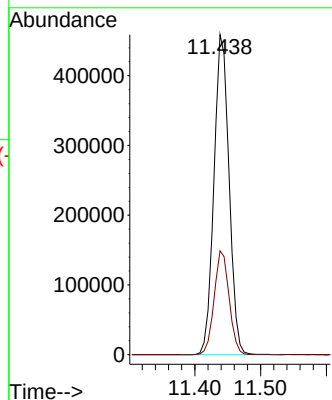
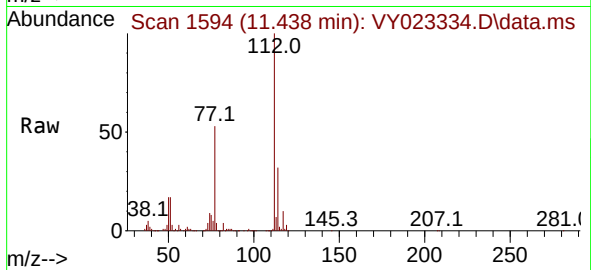
VSTDCCC050EC

Tgt Ion:112 Resp: 733811

Ion Ratio Lower Upper

112 100

114 32.5 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 47.214 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

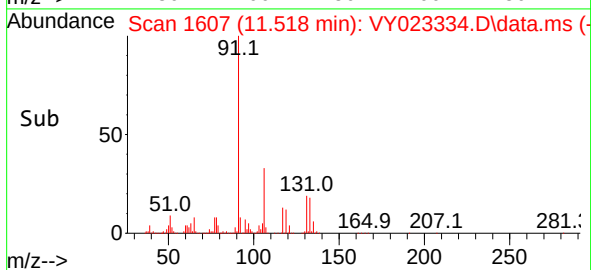
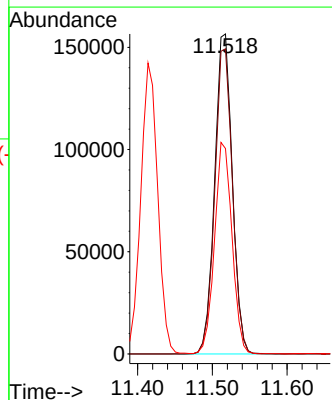
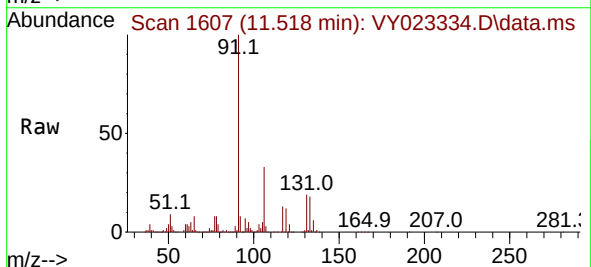
Tgt Ion:131 Resp: 257290

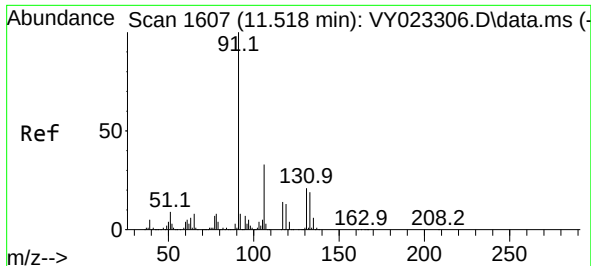
Ion Ratio Lower Upper

131 100

133 95.5 46.9 140.6

119 65.5 33.2 99.6





#67

Ethyl Benzene

Concen: 48.411 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

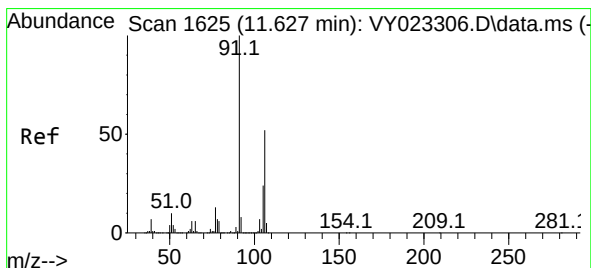
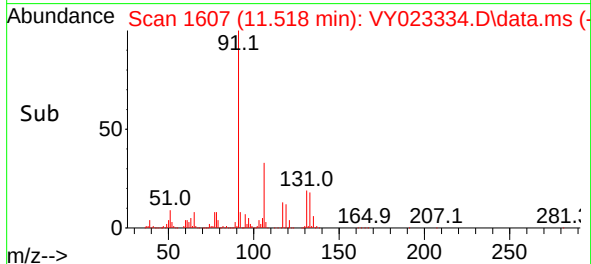
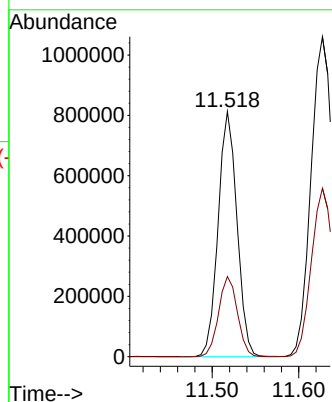
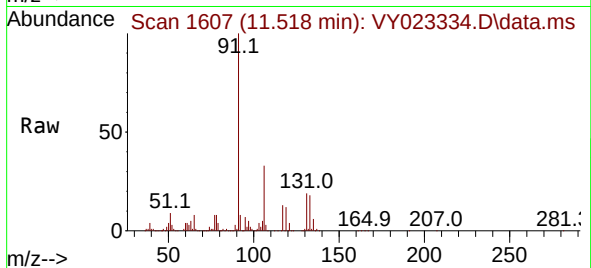
VSTDCCC050EC

Tgt Ion: 91 Resp: 1227893

Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.4



#68

m/p-Xylenes

Concen: 97.766 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023334.D

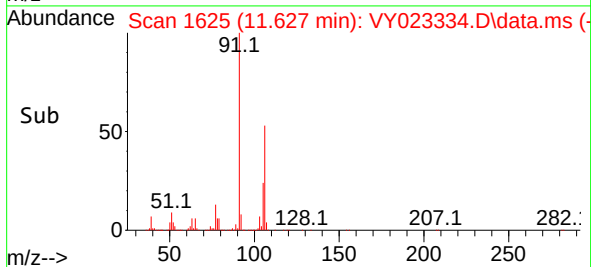
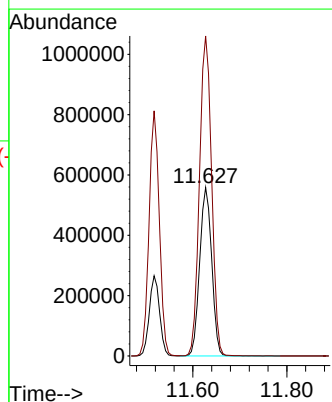
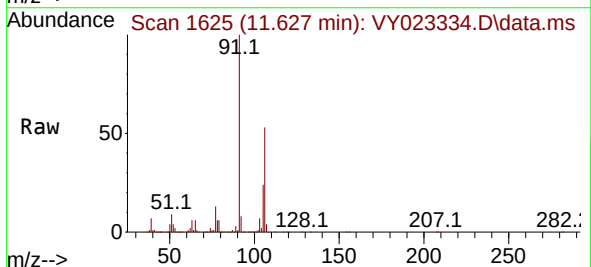
Acq: 10 Sep 2025 15:35

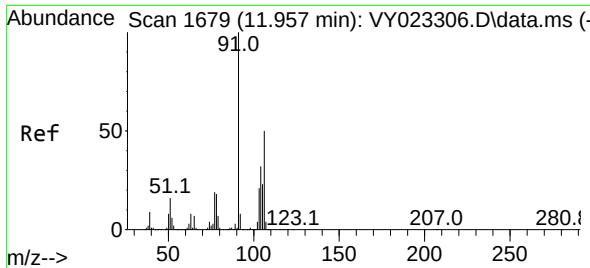
Tgt Ion:106 Resp: 992957

Ion Ratio Lower Upper

106 100

91 191.8 158.6 238.0

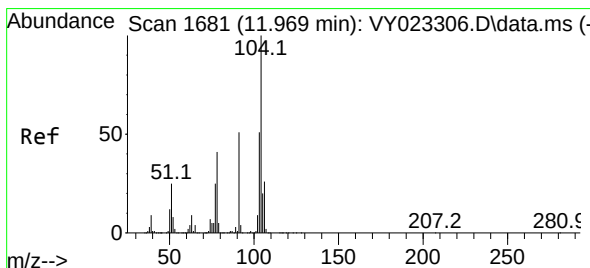
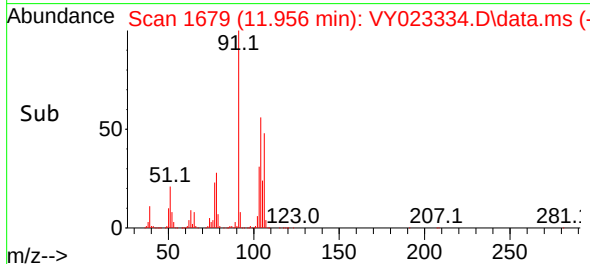
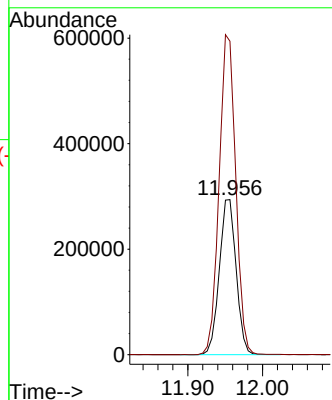
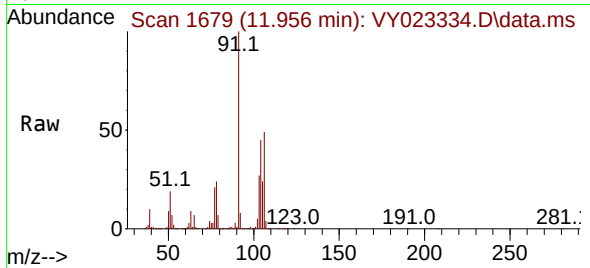




#69
o-Xylene
Concen: 48.950 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

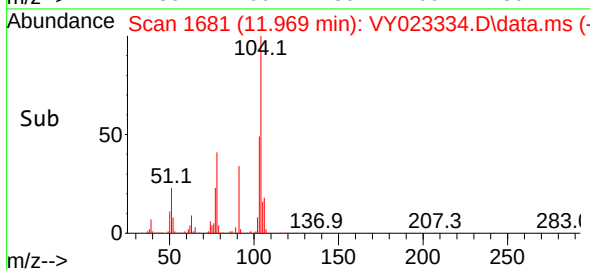
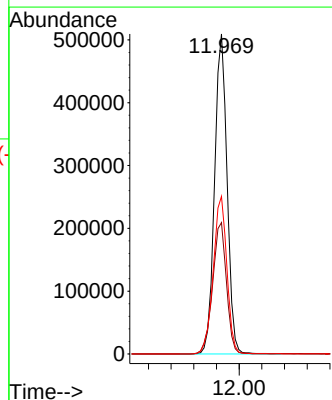
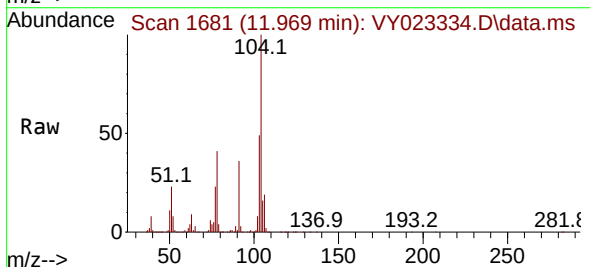
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

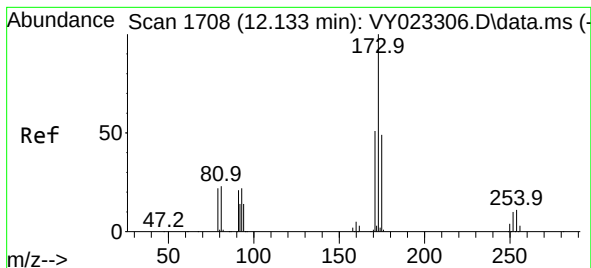
Tgt Ion:106 Resp: 460233
Ion Ratio Lower Upper
106 100
91 203.9 103.2 309.4



#70
Styrene
Concen: 49.903 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion:104 Resp: 777604
Ion Ratio Lower Upper
104 100
78 45.6 38.5 57.7
103 53.8 43.7 65.5





#71

Bromoform

Concen: 48.459 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

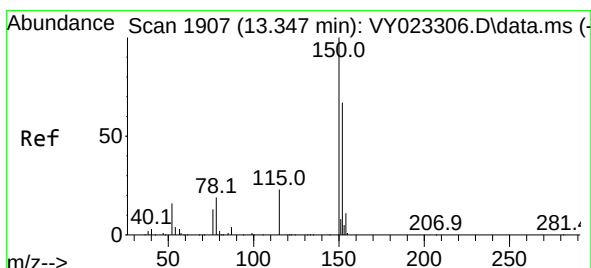
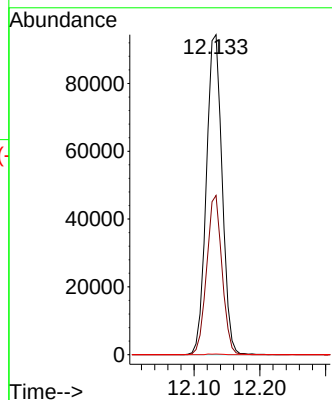
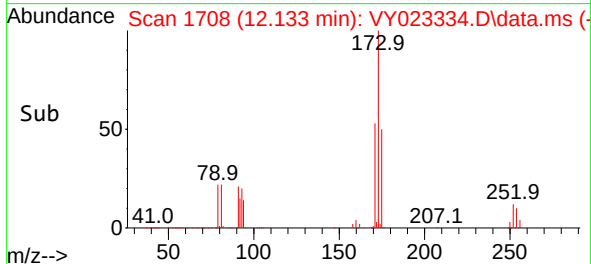
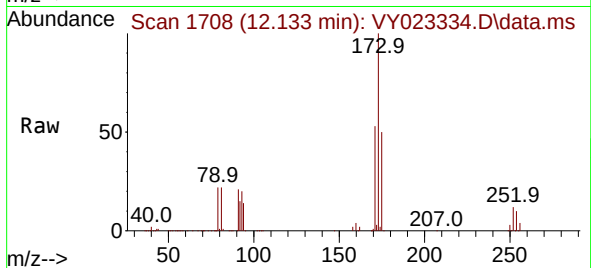
Tgt Ion:173 Resp: 157259

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

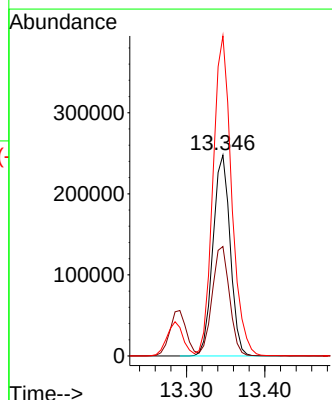
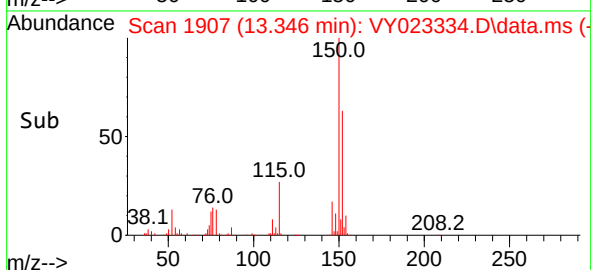
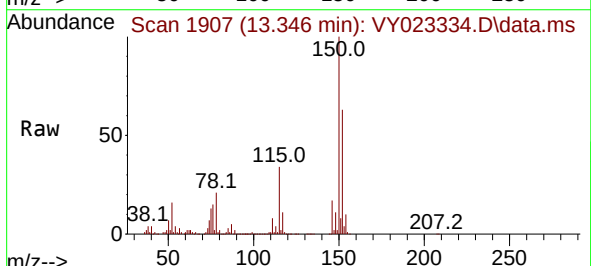
Tgt Ion:152 Resp: 378132

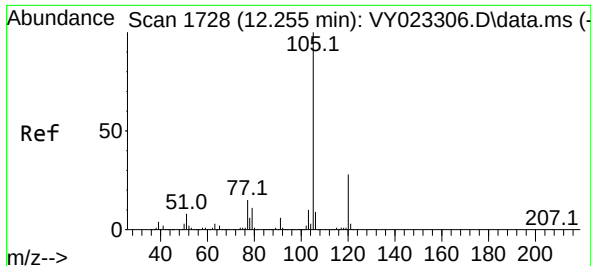
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.6

150 172.2 0.0 348.0

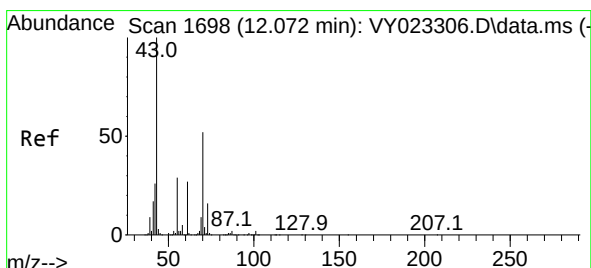
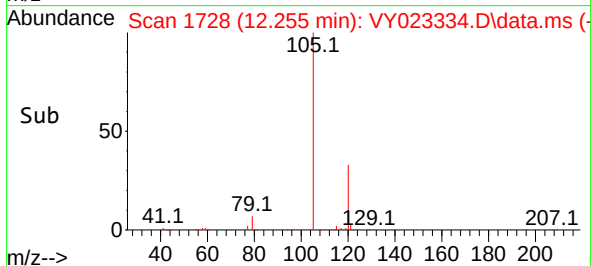
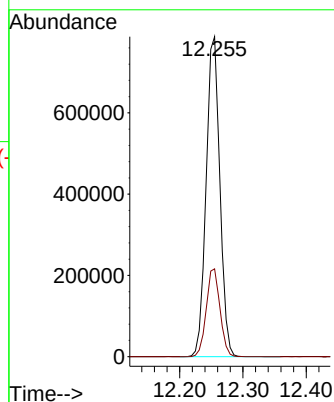
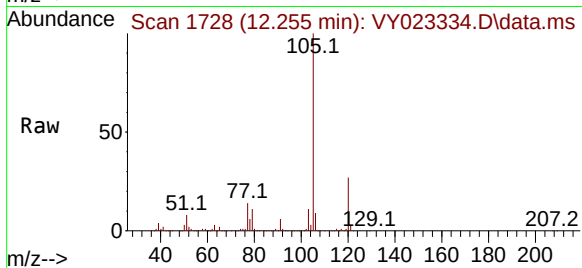




#73
Isopropylbenzene
Concen: 46.680 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

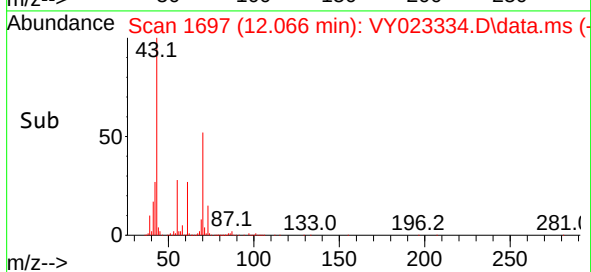
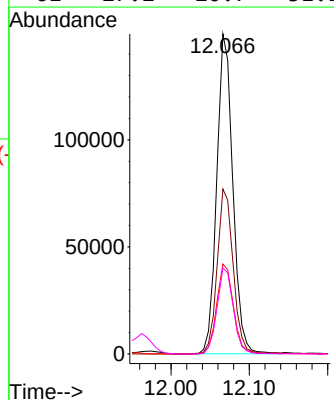
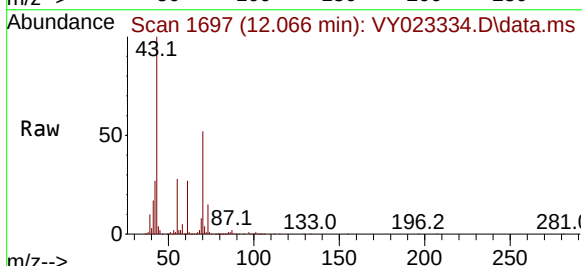
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

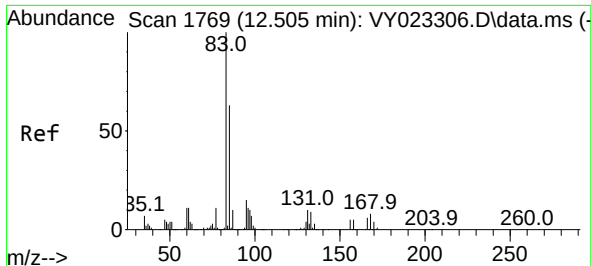
Tgt Ion:105 Resp: 1188974
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 44.304 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 43 Resp: 213303
Ion Ratio Lower Upper
43 100
70 51.6 37.5 56.3
55 29.2 20.7 31.1
61 27.2 20.7 31.1

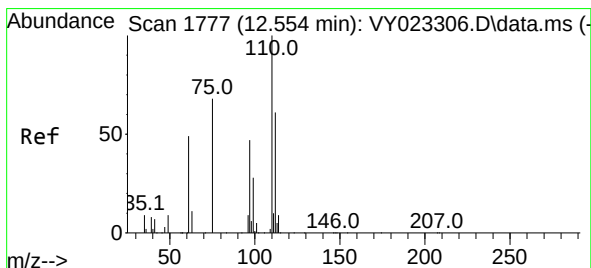
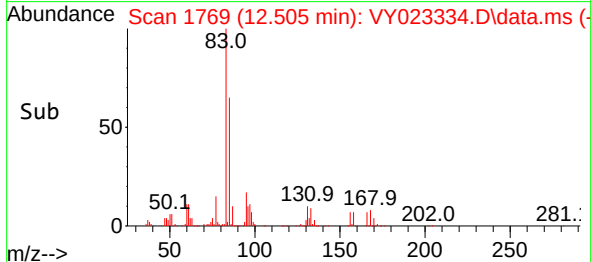
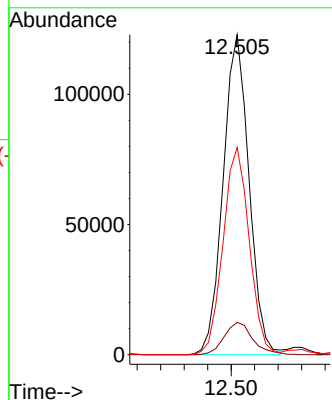
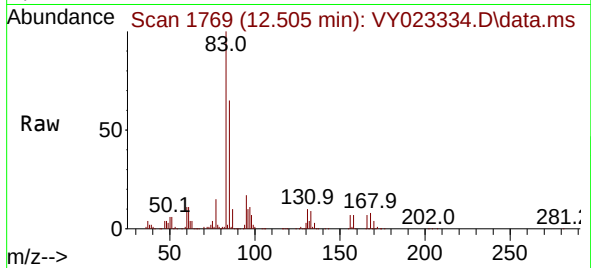




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.998 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

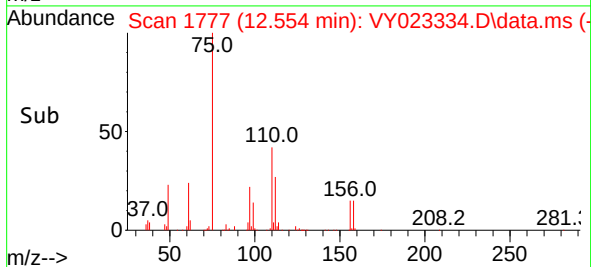
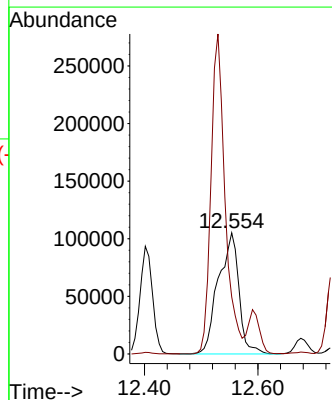
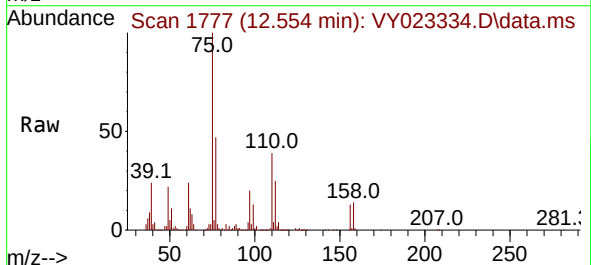
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

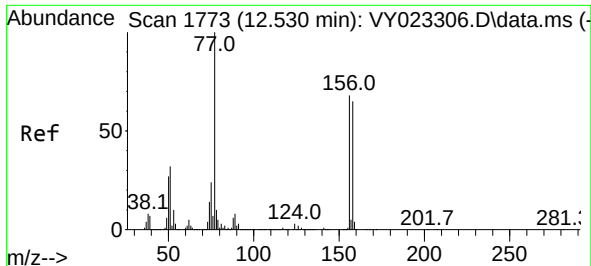
Tgt Ion: 83 Resp: 188083
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.1 15.3
 85 65.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 69.105 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

Tgt Ion: 75 Resp: 264622
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

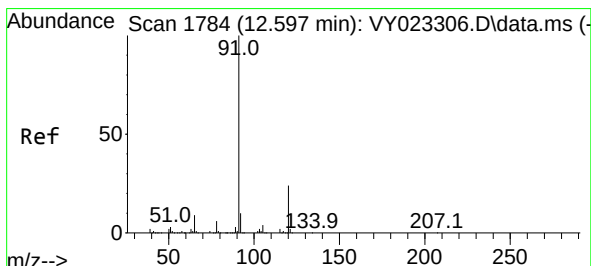
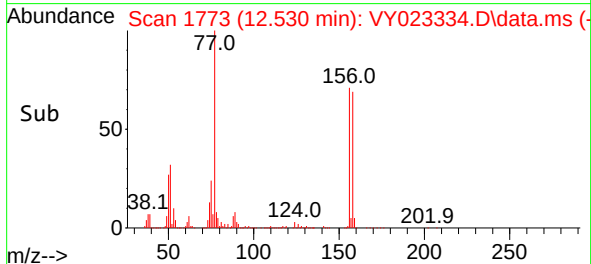
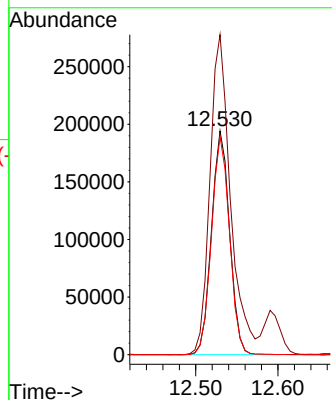
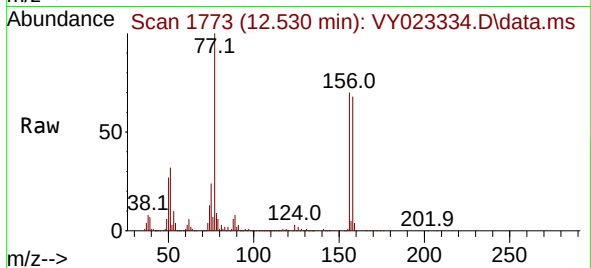




#77
Bromobenzene
Concen: 45.741 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

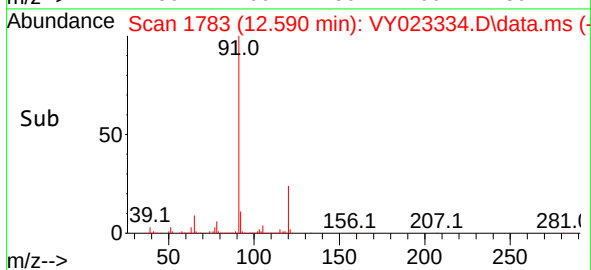
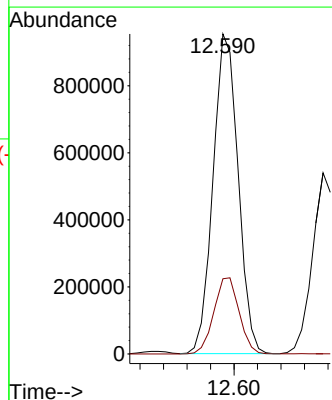
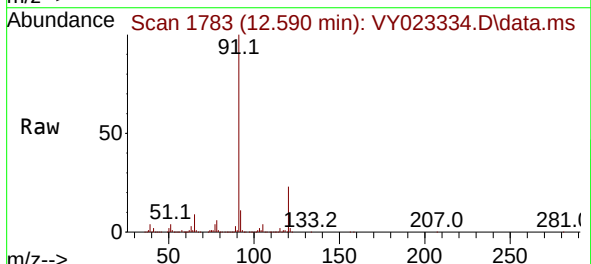
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

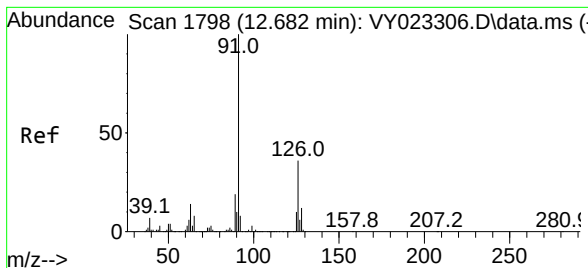
Tgt Ion:156 Resp: 297656
Ion Ratio Lower Upper
156 100
77 161.9 88.1 264.4
158 97.0 48.0 144.0



#78
n-propylbenzene
Concen: 47.022 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 91 Resp: 1411637
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.5





#79

2-Chlorotoluene

Concen: 46.890 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

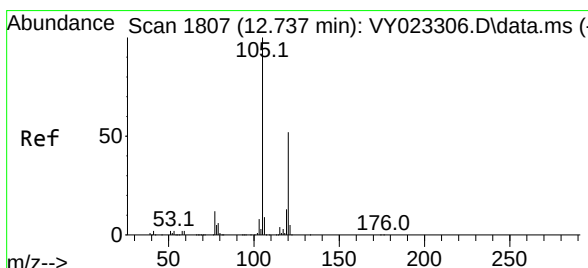
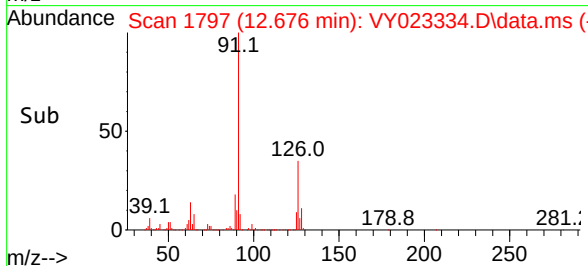
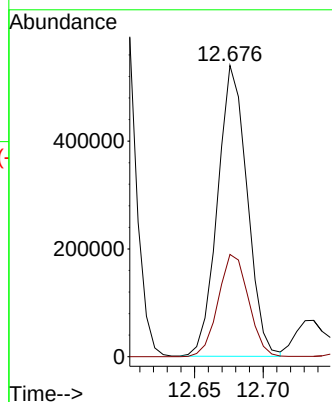
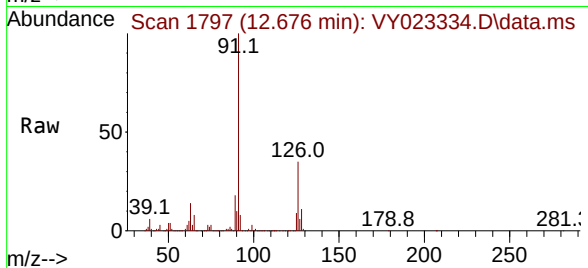
VSTDCCC050EC

Tgt Ion: 91 Resp: 810773

Ion Ratio Lower Upper

91 100

126 36.1 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 47.366 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY023334.D

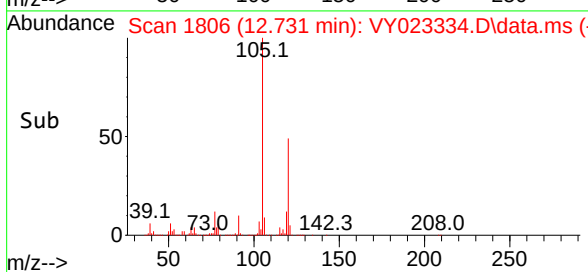
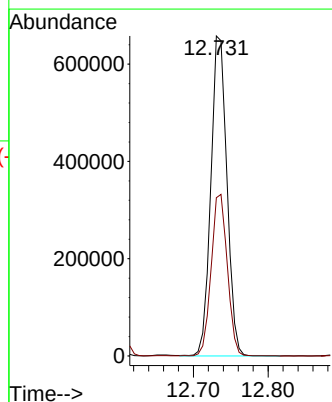
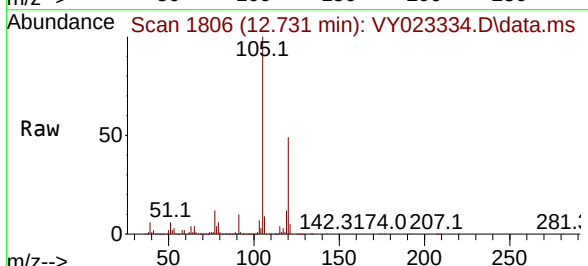
Acq: 10 Sep 2025 15:35

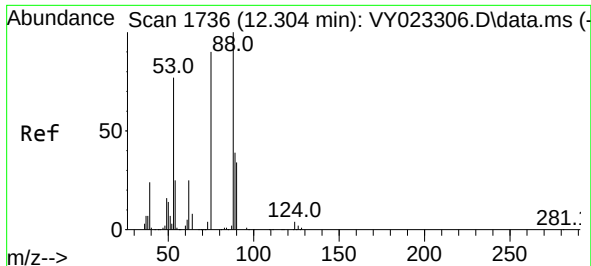
Tgt Ion: 105 Resp: 981238

Ion Ratio Lower Upper

105 100

120 50.9 24.8 74.4

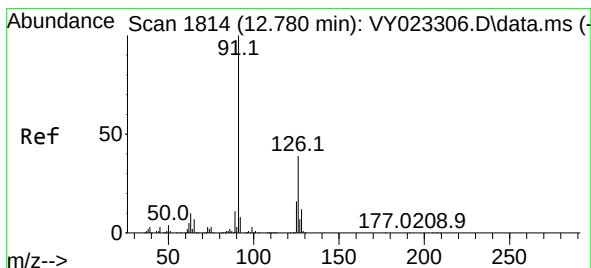
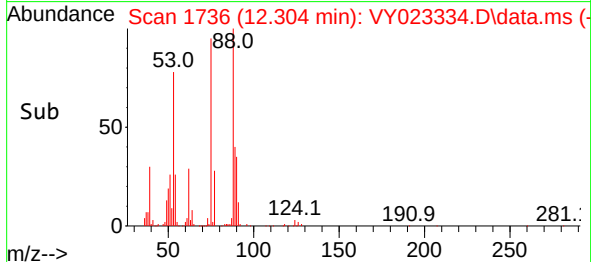
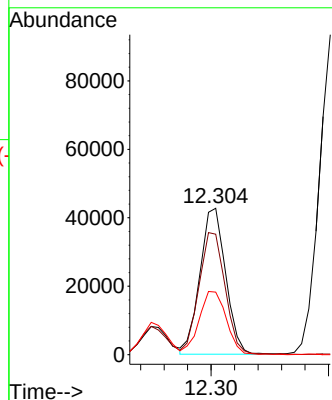
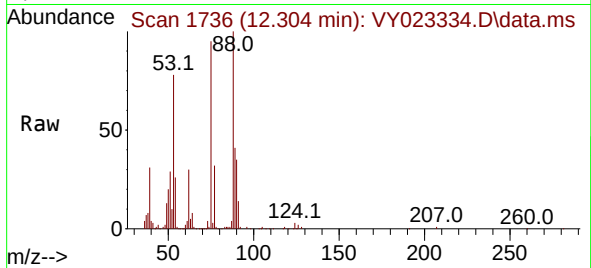




#81
trans-1,4-Dichloro-2-butene
Concen: 46.239 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

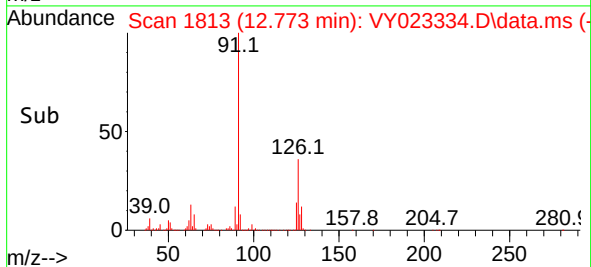
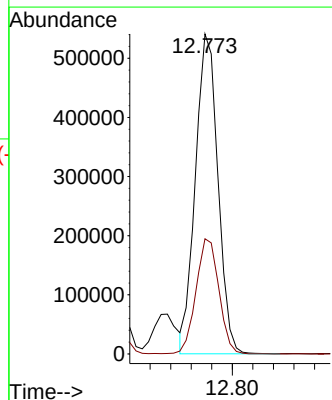
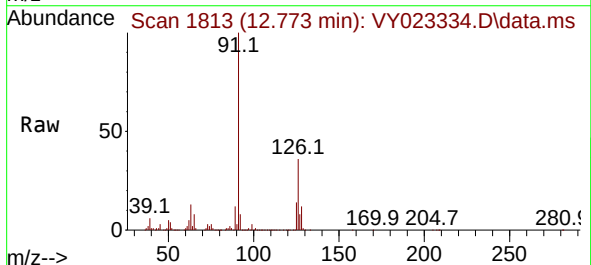
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

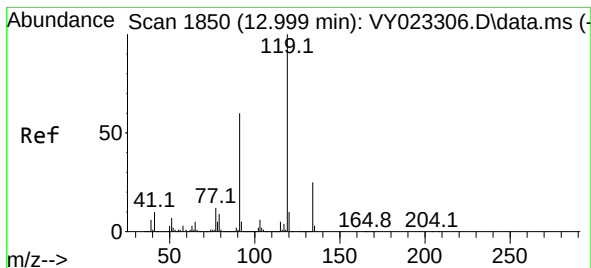
Tgt Ion: 75 Resp: 64927
Ion Ratio Lower Upper
75 100
53 85.4 70.8 106.2
89 46.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 45.459 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 91 Resp: 822471
Ion Ratio Lower Upper
91 100
126 36.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 47.306 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

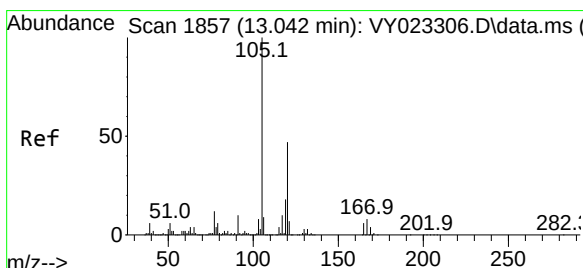
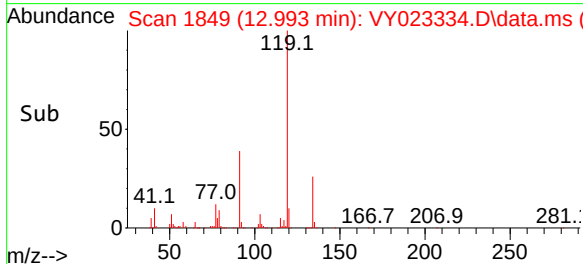
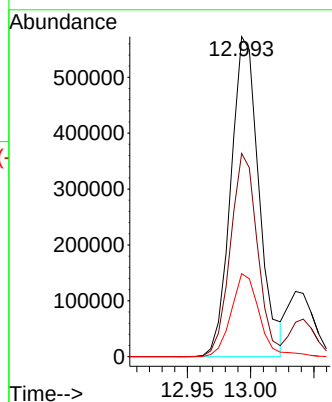
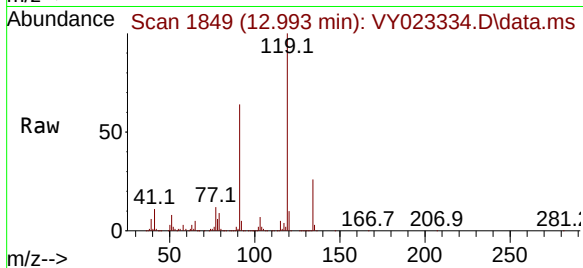
Tgt Ion:119 Resp: 887573

Ion Ratio Lower Upper

119 100

91 61.2 31.6 94.8

134 26.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 47.836 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023334.D

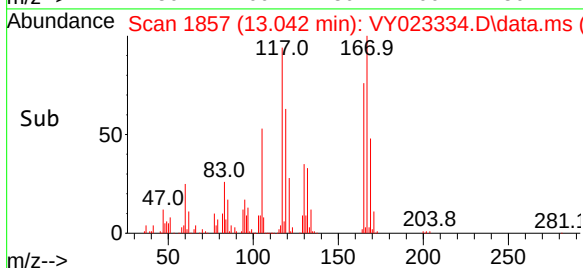
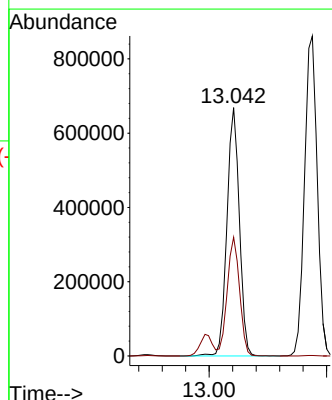
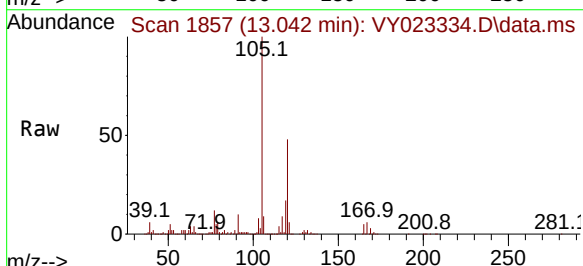
Acq: 10 Sep 2025 15:35

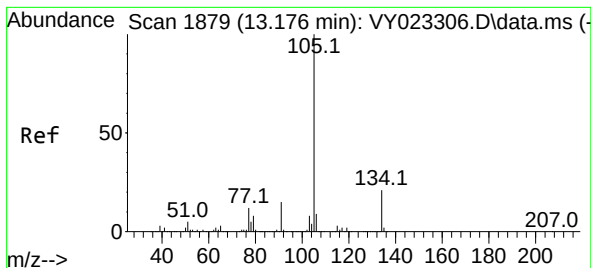
Tgt Ion:105 Resp: 980355

Ion Ratio Lower Upper

105 100

120 47.8 23.0 69.0

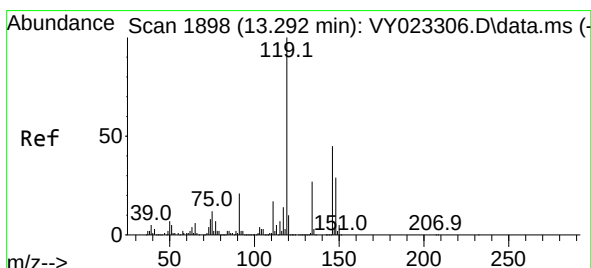
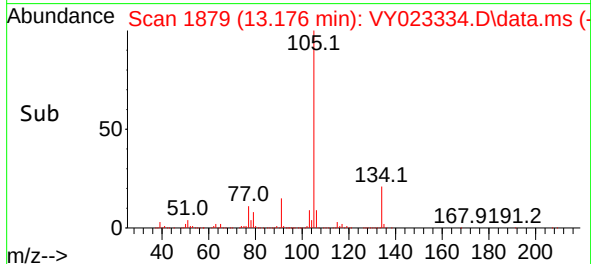
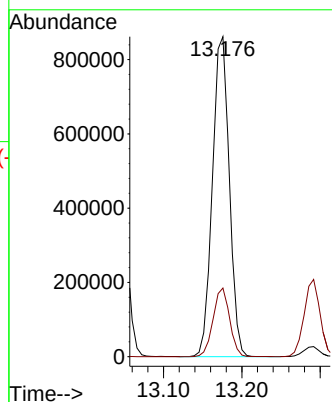
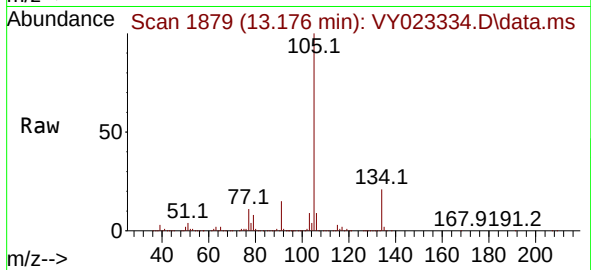




#85
 sec-Butylbenzene
 Concen: 47.156 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

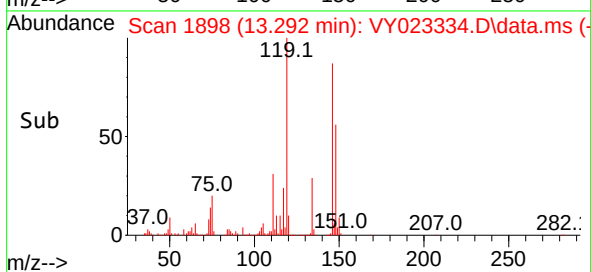
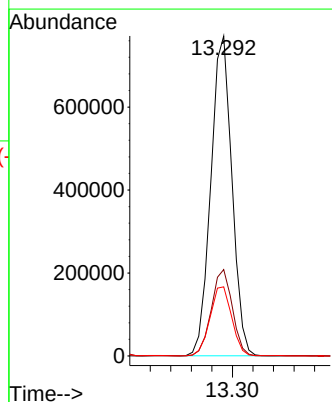
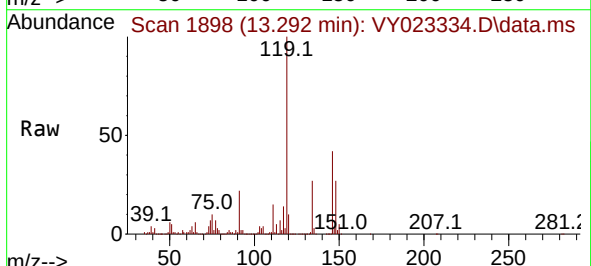
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

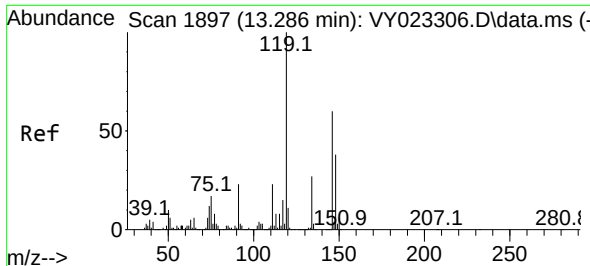
Tgt Ion:105 Resp: 1287298
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.534 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

Tgt Ion:119 Resp: 1096113
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 22.2 11.3 33.8

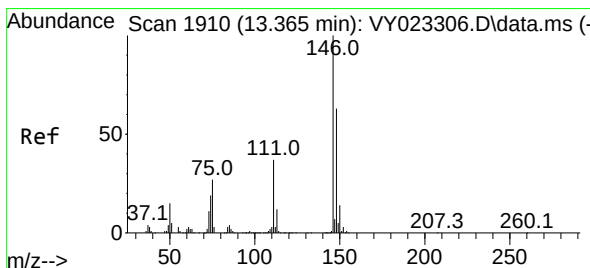
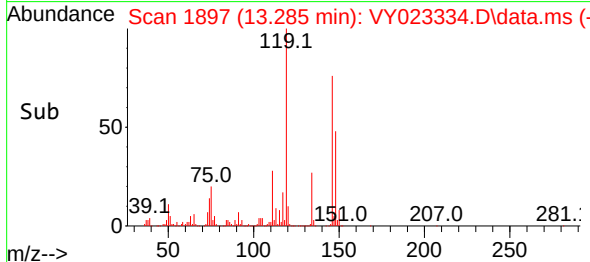
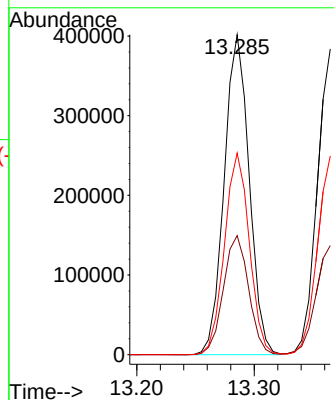
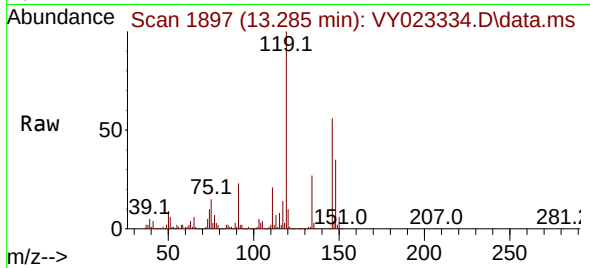




#87
 1,3-Dichlorobenzene
 Concen: 46.031 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

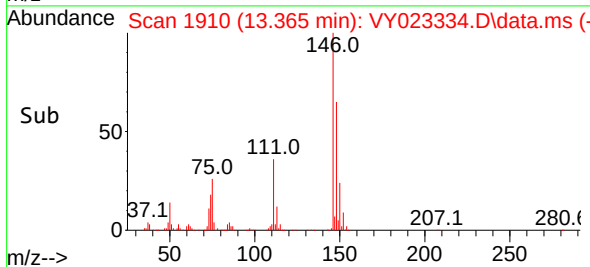
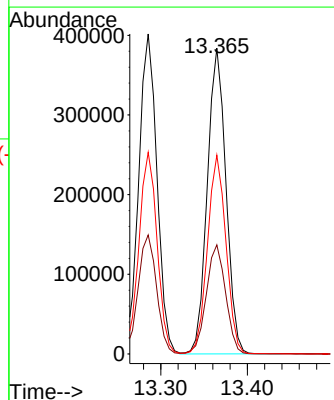
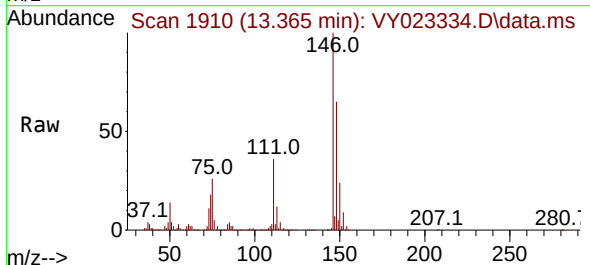
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

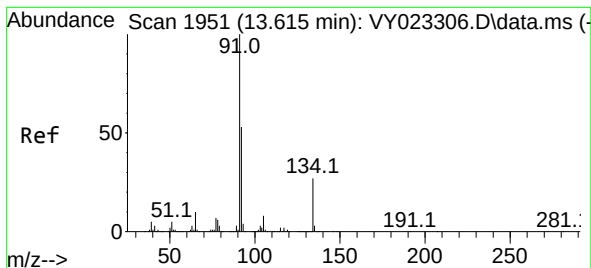
Tgt Ion:146 Resp: 592739
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.6 58.7
 148 62.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 45.006 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023334.D
 Acq: 10 Sep 2025 15:35

Tgt Ion:146 Resp: 574015
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.1
 148 64.8 31.6 94.7





#89

n-Butylbenzene

Concen: 47.344 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

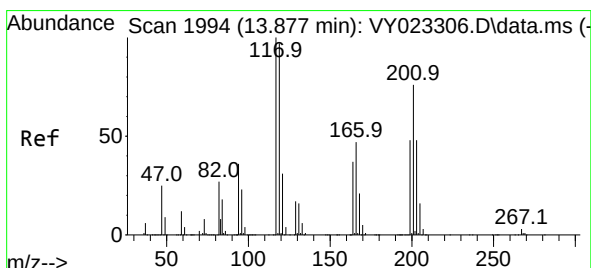
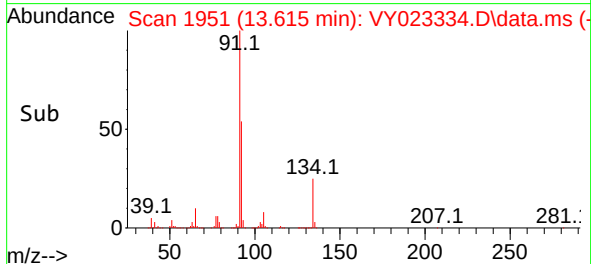
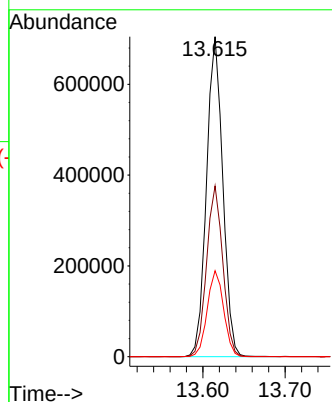
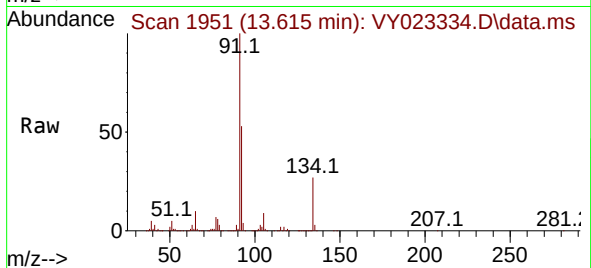
Tgt Ion: 91 Resp: 968227

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 27.1 13.2 39.5



#90

Hexachloroethane

Concen: 44.805 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023334.D

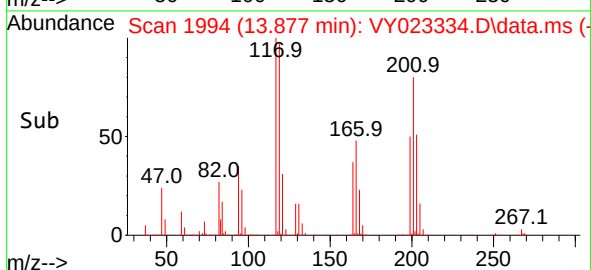
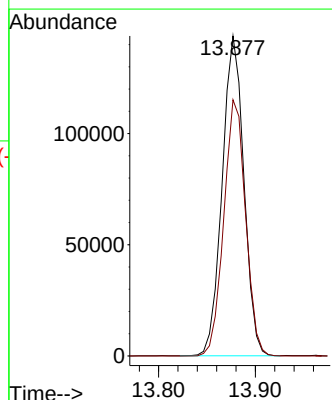
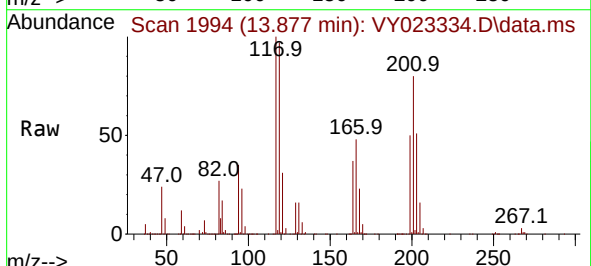
Acq: 10 Sep 2025 15:35

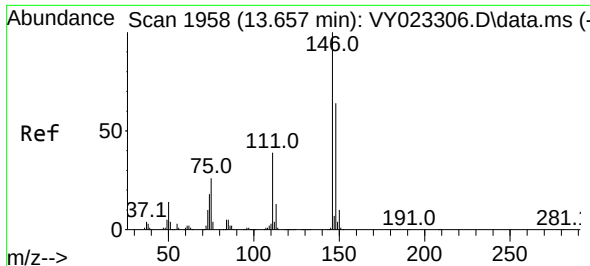
Tgt Ion: 117 Resp: 223989

Ion Ratio Lower Upper

117 100

201 80.3 38.4 115.1

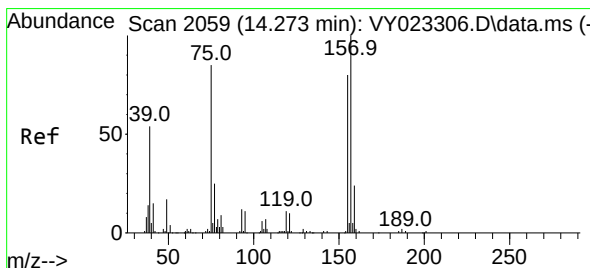
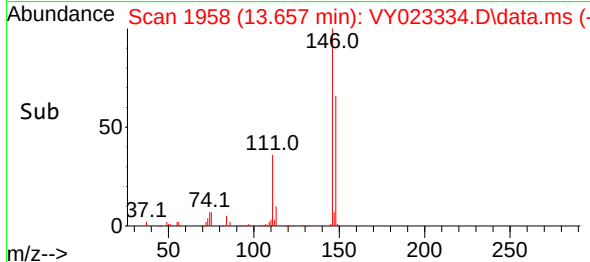
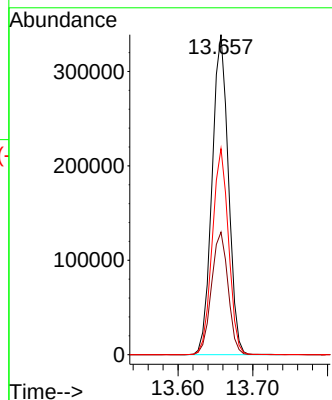
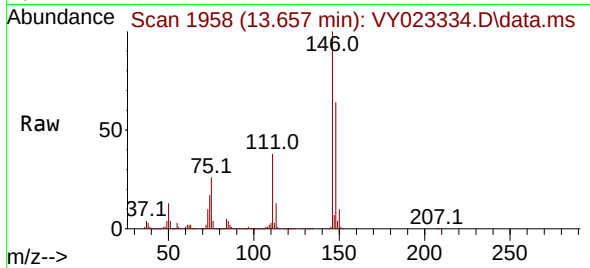




#91
1,2-Dichlorobenzene
Concen: 45.848 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

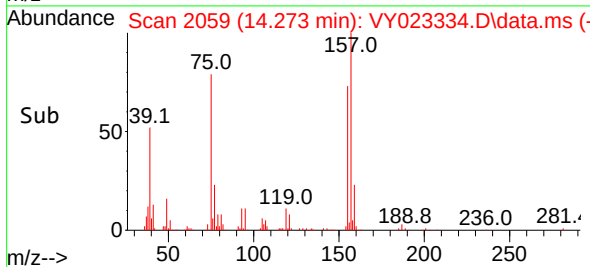
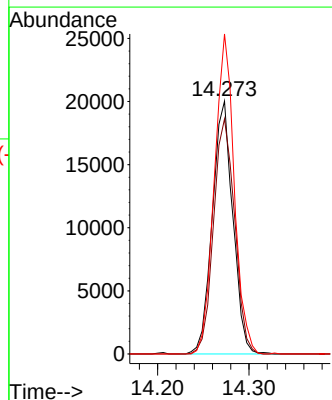
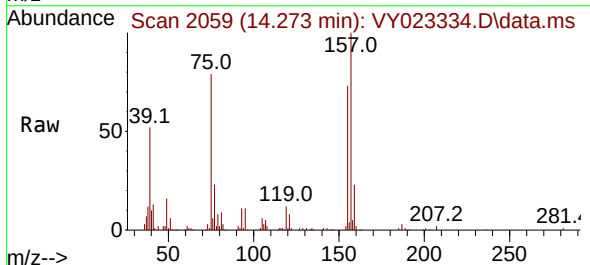
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

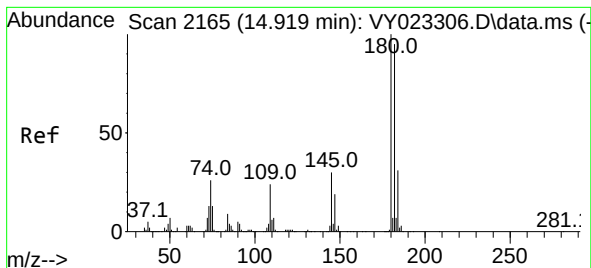
Tgt Ion:146 Resp: 514749
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.8
148 64.1 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.445 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023334.D
Acq: 10 Sep 2025 15:35

Tgt Ion: 75 Resp: 31153
Ion Ratio Lower Upper
75 100
155 95.8 43.9 131.6
157 122.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 46.672 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

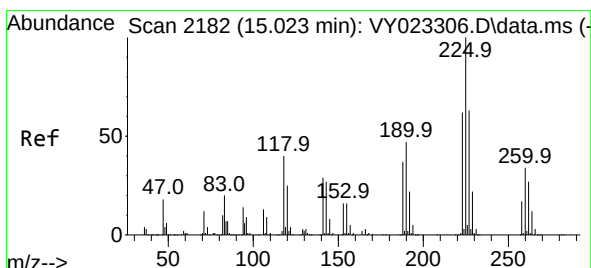
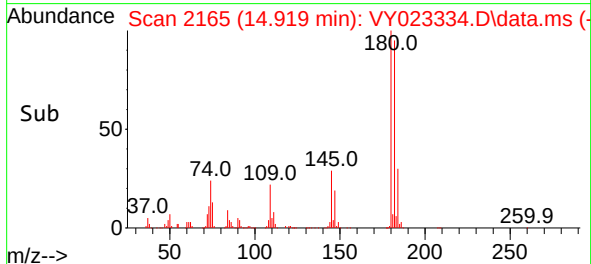
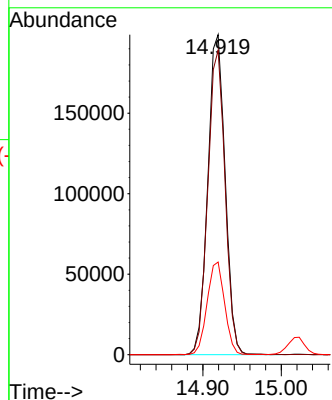
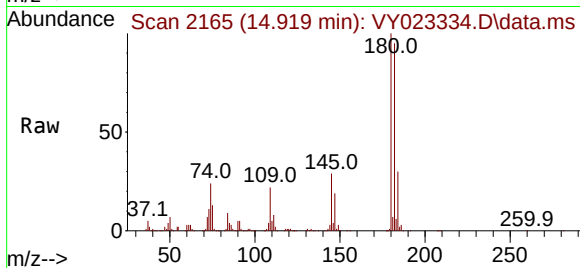
Tgt Ion:180 Resp: 305654

Ion Ratio Lower Upper

180 100

182 94.5 46.8 140.4

145 29.2 14.4 43.4



#94

Hexachlorobutadiene

Concen: 45.269 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

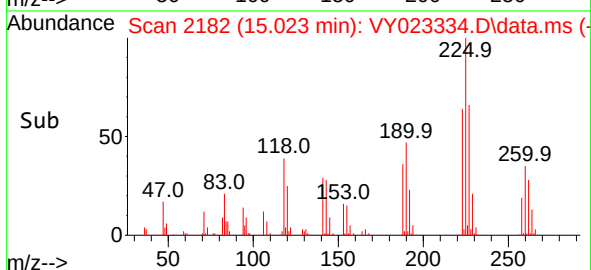
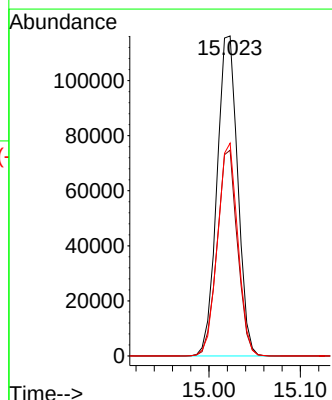
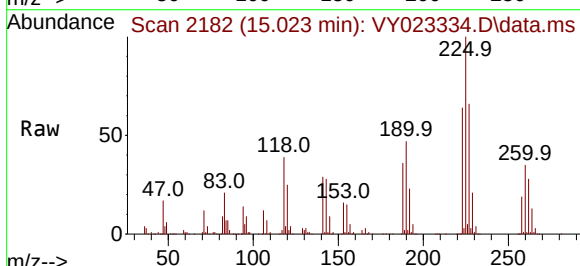
Tgt Ion:225 Resp: 183301

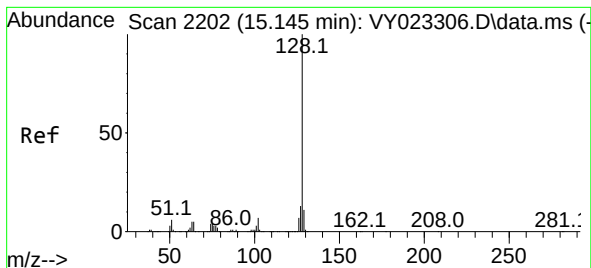
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 65.0 31.5 94.5





#95

Naphthalene

Concen: 48.586 ug/l

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

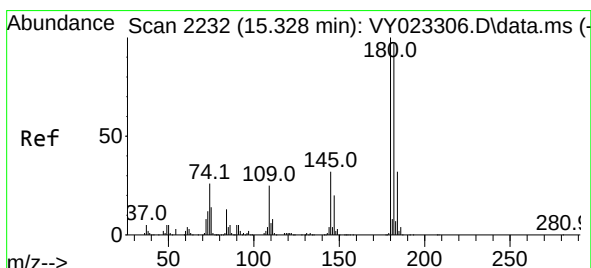
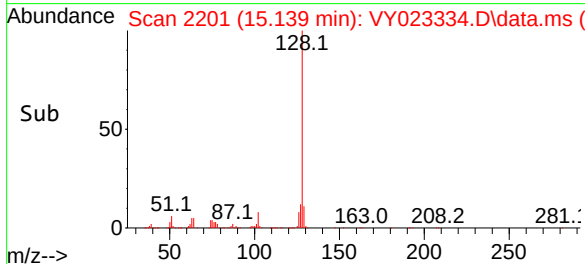
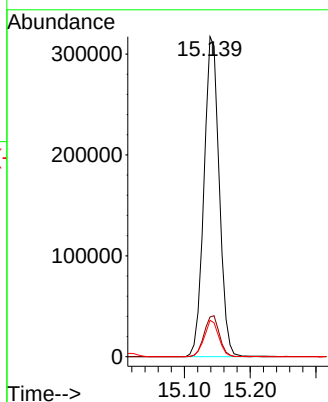
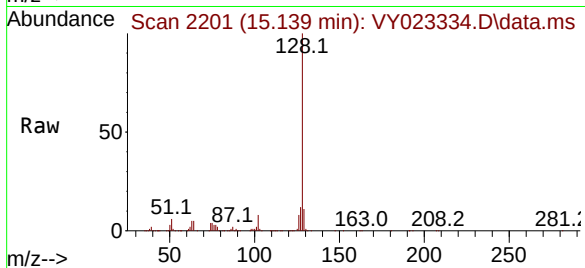
Tgt Ion:128 Resp: 511424

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 46.928 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023334.D

Acq: 10 Sep 2025 15:35

Tgt Ion:180 Resp: 266906

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.2 15.9 47.7

