

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023363.D
 Acq On : 25 Sep 2025 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:20:38 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	7.707	168	631796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	940041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	821307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	424523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	266495	48.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.634	113	281102	48.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.109	98	1075615	49.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.402	95	353510	51.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	219036	43.213	ug/l	99
3) Chloromethane	2.074	50	324116	44.687	ug/l	99
4) Vinyl Chloride	2.208	62	411223	45.005	ug/l	99
5) Bromomethane	2.598	94	316241	42.386	ug/l	100
6) Chloroethane	2.733	64	278305	45.008	ug/l	100
7) Trichlorofluoromethane	3.056	101	542326	47.025	ug/l	98
8) Diethyl Ether	3.452	74	149197	48.892	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	285901	46.097	ug/l	95
10) Methyl Iodide	4.007	142	342636	47.358	ug/l	99
11) Tert butyl alcohol	4.854	59	98803	308.005	ug/l	97
12) 1,1-Dichloroethene	3.787	96	277961	46.587	ug/l	91
13) Acrolein	3.653	56	39830	73.445	ug/l	100
14) Allyl chloride	4.385	41	366800	48.667	ug/l	97
15) Acrylonitrile	5.055	53	286377	238.392	ug/l	100
16) Acetone	3.867	43	334186	264.267	ug/l	97
17) Carbon Disulfide	4.104	76	833060	44.101	ug/l	98
18) Methyl Acetate	4.385	43	162622	52.424	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	701068	49.973	ug/l	99
20) Methylene Chloride	4.616	84	343429	50.761	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	312425	46.866	ug/l	95
22) Diisopropyl ether	6.019	45	814549	48.527	ug/l	96
23) Vinyl Acetate	5.958	43	2254041	242.905	ug/l	97
24) 1,1-Dichloroethane	5.915	63	514850	46.895	ug/l	98
25) 2-Butanone	6.890	43	401194	257.768	ug/l	96
26) 2,2-Dichloropropane	6.884	77	473929	48.889	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	366719	48.577	ug/l	95
28) Bromochloromethane	7.244	49	179521	41.556	ug/l	86
29) Tetrahydrofuran	7.262	42	226091	244.906	ug/l	95
30) Chloroform	7.421	83	554518	47.008	ug/l	97
31) Cyclohexane	7.701	56	444531	45.756	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	495816	47.045	ug/l	99
36) 1,1-Dichloropropene	7.835	75	388271	47.442	ug/l	98
37) Ethyl Acetate	6.982	43	154849	47.564	ug/l	97
38) Carbon Tetrachloride	7.817	117	455219	48.340	ug/l	97
39) Methylcyclohexane	9.109	83	523772	50.026	ug/l	95
40) Benzene	8.079	78	1222631	48.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	80921	47.998	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	309339	47.762	ug/l	98
43) Isopropyl Acetate	8.195	43	304406	48.073	ug/l	96
44) Trichloroethene	8.866	130	341164	48.150	ug/l	96
45) 1,2-Dichloropropane	9.140	63	272689	47.464	ug/l	100
46) Dibromomethane	9.231	93	166393	47.558	ug/l	94
47) Bromodichloromethane	9.420	83	420279	47.748	ug/l	99
48) Methyl methacrylate	9.219	41	150404	50.960	ug/l	96
49) 1,4-Dioxane	9.225	88	39920	1124.007	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	820313	253.220	ug/l	98
52) Toluene	10.170	92	789225	48.888	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	381213	50.304	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	453573	50.090	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	221391	47.569	ug/l	99
56) Ethyl methacrylate	10.439	69	277203	51.410	ug/l	96
57) 1,3-Dichloropropane	10.713	76	363202	48.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	586918	249.745	ug/l	94
59) 2-Hexanone	10.762	43	594562	265.491	ug/l	99
60) Dibromochloromethane	10.908	129	309540	49.019	ug/l	100
61) 1,2-Dibromoethane	11.012	107	215067	49.315	ug/l	100
64) Tetrachloroethene	10.646	164	385894	47.143	ug/l	95
65) Chlorobenzene	11.438	112	881228	48.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	309255	48.968	ug/l	98
67) Ethyl Benzene	11.518	91	1488495	50.638	ug/l	98
68) m/p-Xylenes	11.627	106	1194332	101.469	ug/l	96
69) o-Xylene	11.950	106	560860	51.473	ug/l	99
70) Styrene	11.969	104	924109	51.173	ug/l	98
71) Bromoform	12.127	173	189182	50.302	ug/l #	99
73) Isopropylbenzene	12.249	105	1447151	50.607	ug/l	99
74) N-amyl acetate	12.066	43	269321	49.826	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	236928	49.368	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	314117	73.066	ug/l #	100
77) Bromobenzene	12.530	156	364321	49.868	ug/l	93
78) n-propylbenzene	12.591	91	1708199	50.683	ug/l	98
79) 2-Chlorotoluene	12.676	91	978791	50.421	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	1192647	51.280	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	79277	50.289	ug/l	98
82) 4-Chlorotoluene	12.773	91	1000593	49.261	ug/l	97
83) tert-Butylbenzene	12.993	119	1077272	51.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1184295	51.473	ug/l	98
85) sec-Butylbenzene	13.170	105	1577053	51.457	ug/l	99
86) p-Isopropyltoluene	13.286	119	1340078	51.763	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	716192	49.541	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	693824	48.455	ug/l	98
89) n-Butylbenzene	13.615	91	1195485	52.069	ug/l	99
90) Hexachloroethane	13.877	117	269461	48.010	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	623053	49.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	36045	47.866	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	393266	53.488	ug/l	98
94) Hexachlorobutadiene	15.017	225	242483	53.340	ug/l	99
95) Naphthalene	15.139	128	645489	54.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	335641	52.564	ug/l	99

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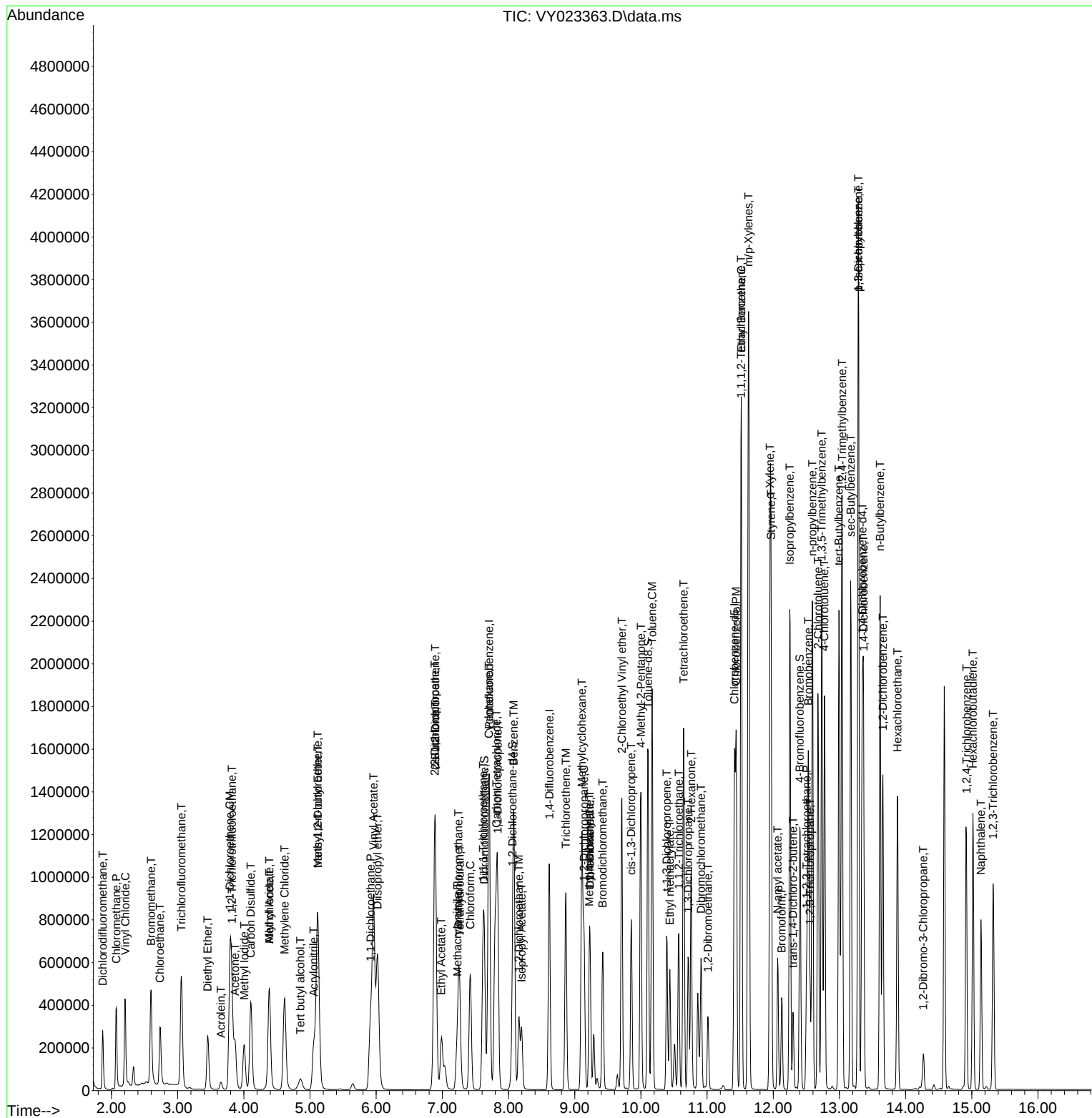
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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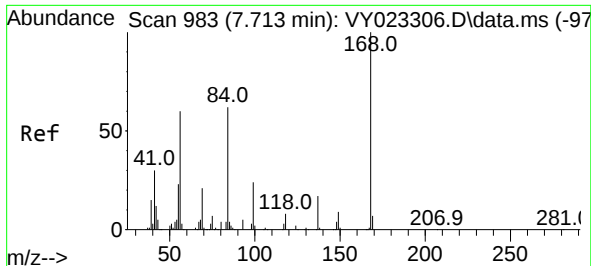
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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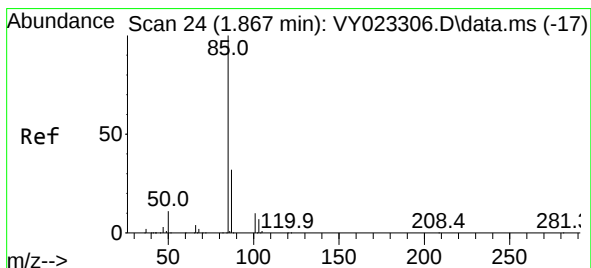
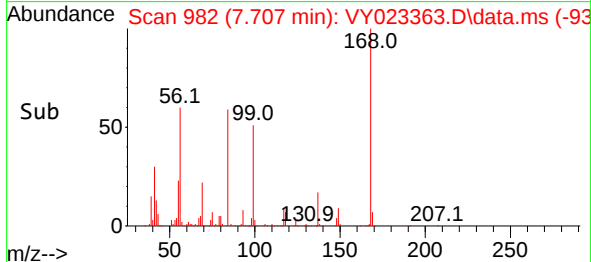
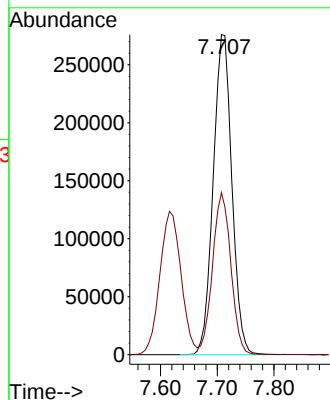
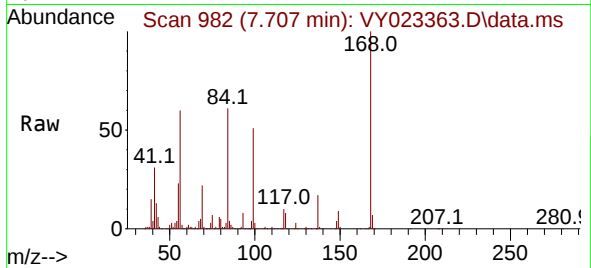




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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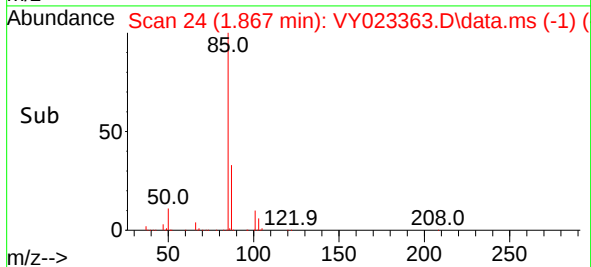
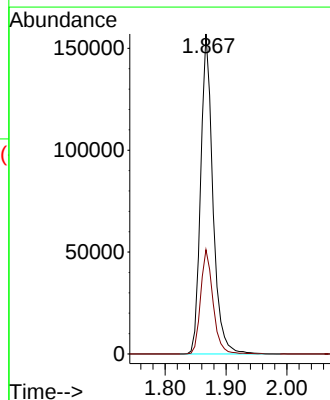
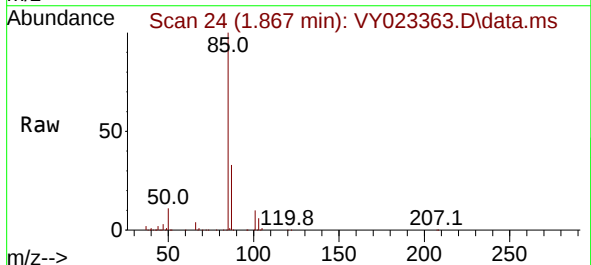
Instrument :
MSVOA_Y
ClientSampleId :

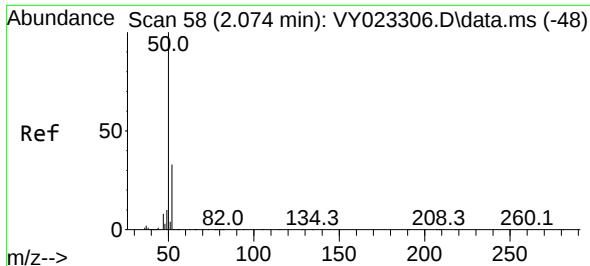
Tgt Ion:168 Resp: 631796
Ion Ratio Lower Upper
168 100
99 50.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 43.213 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 85 Resp: 219036
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8

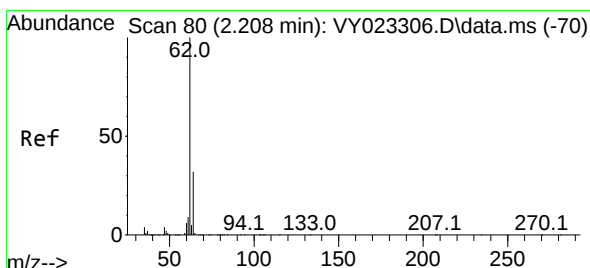
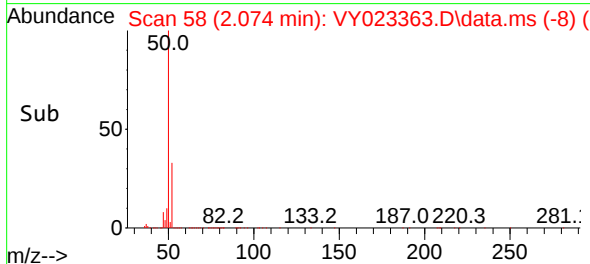
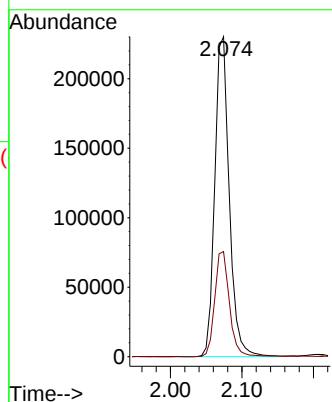
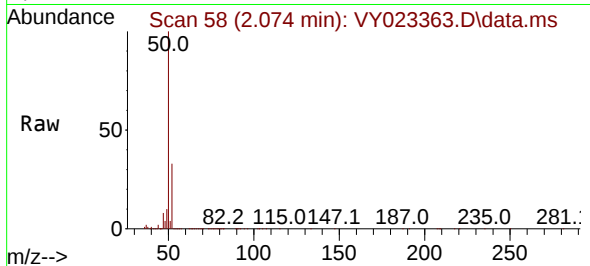




#3
Chloromethane
Concen: 44.687 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

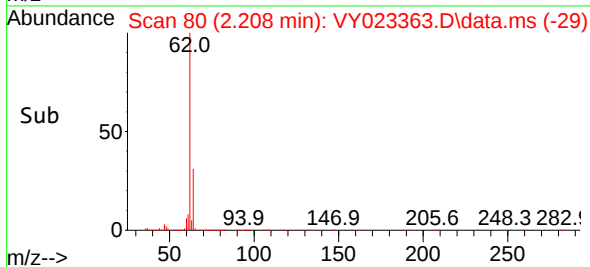
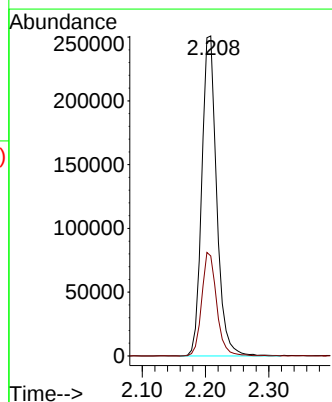
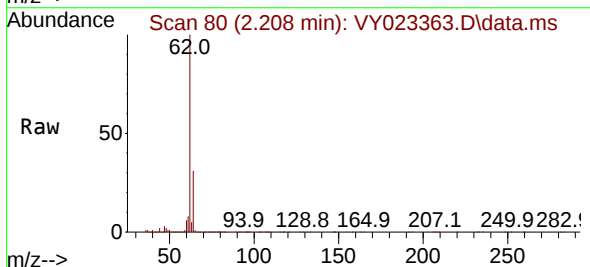
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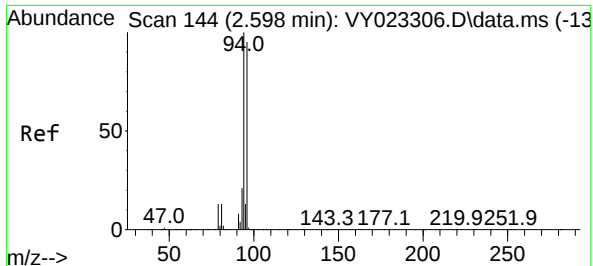
Tgt Ion: 50 Resp: 324116
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 45.005 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 62 Resp: 411223
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

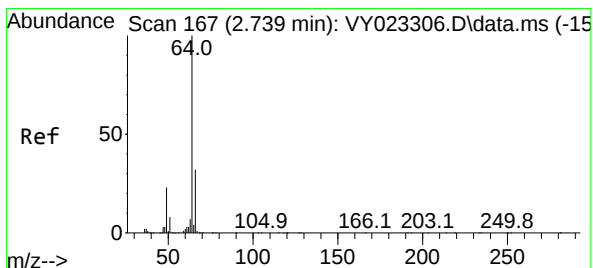
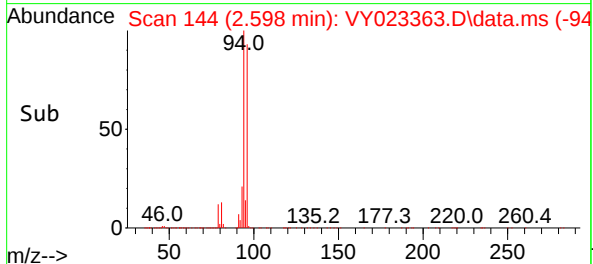
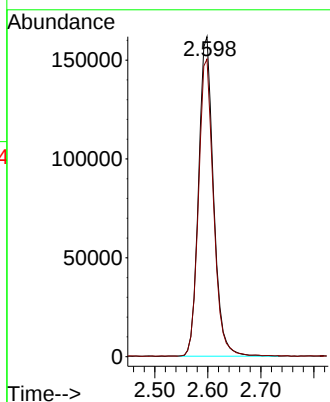
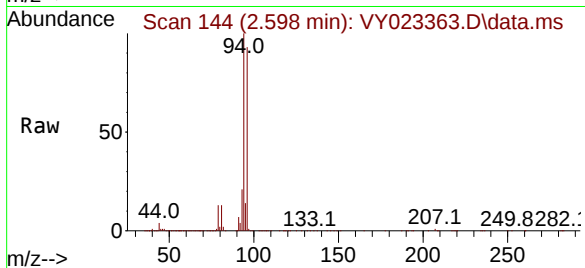




#5
Bromomethane
Concen: 42.386 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023363.D
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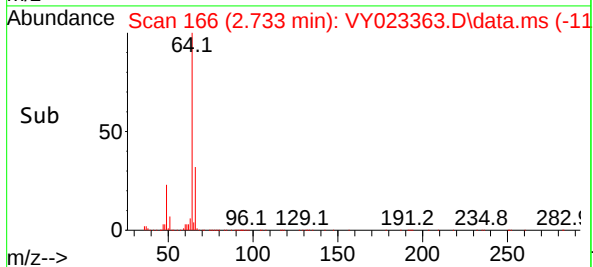
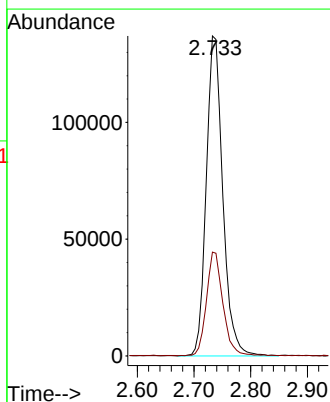
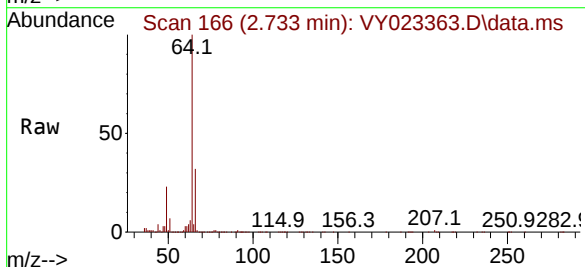
Instrument :
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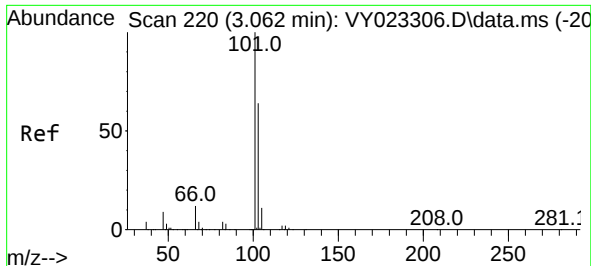
Tgt Ion: 94 Resp: 316241
Ion Ratio Lower Upper
94 100
96 93.0 74.6 112.0



#6
Chloroethane
Concen: 45.008 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
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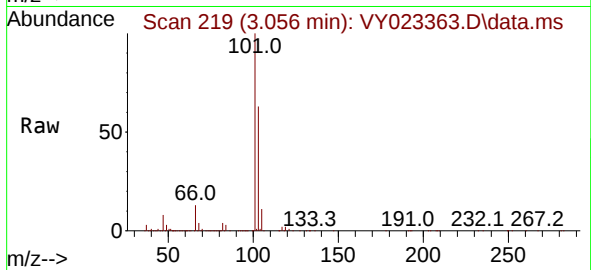
Tgt Ion: 64 Resp: 278305
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6



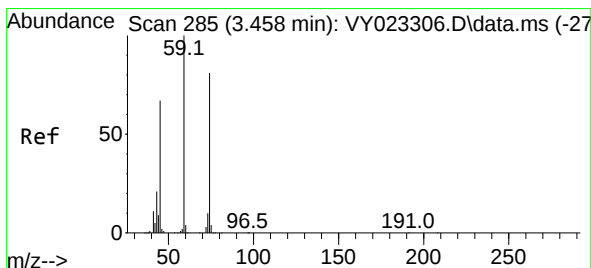
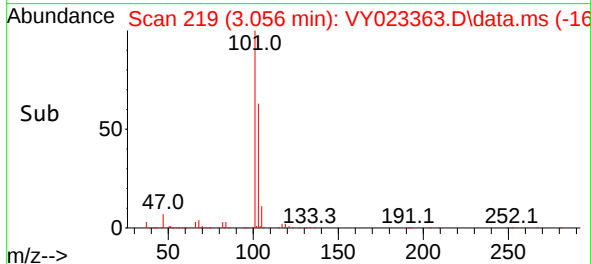
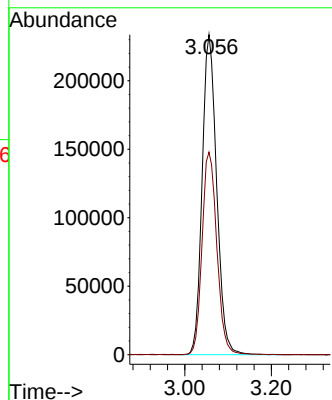


#7
 Trichlorofluoromethane
 Concen: 47.025 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

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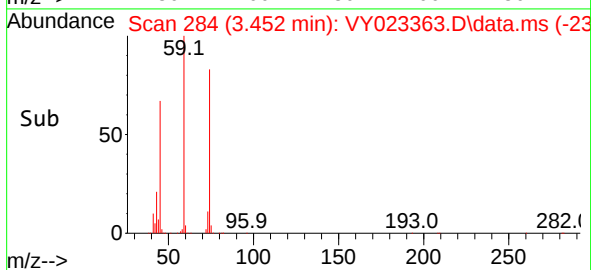
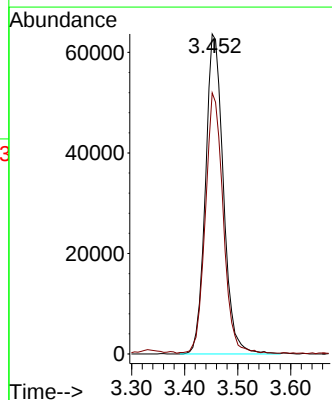
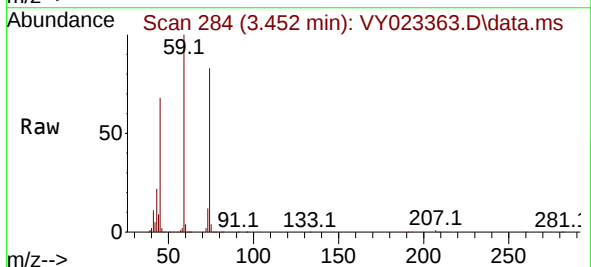


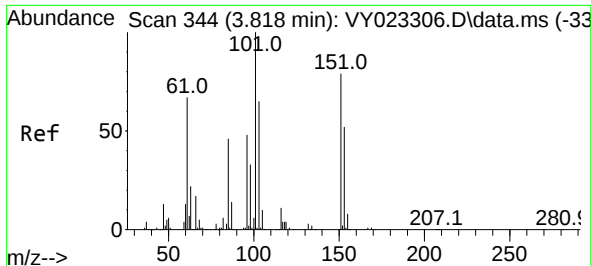
Tgt Ion:101 Resp: 542326
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 48.892 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

Tgt Ion: 74 Resp: 149197
 Ion Ratio Lower Upper
 74 100
 45 80.6 44.4 133.2

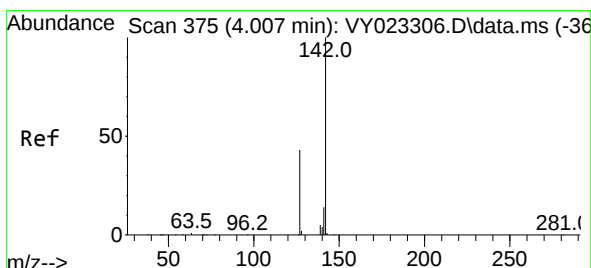
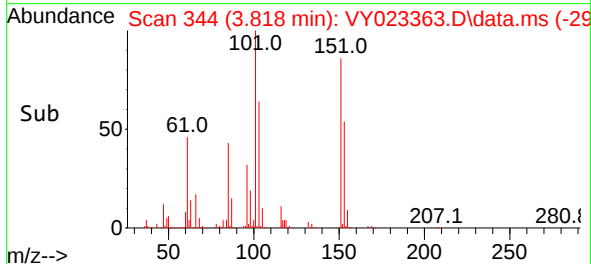
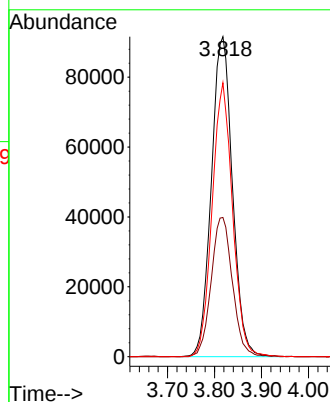
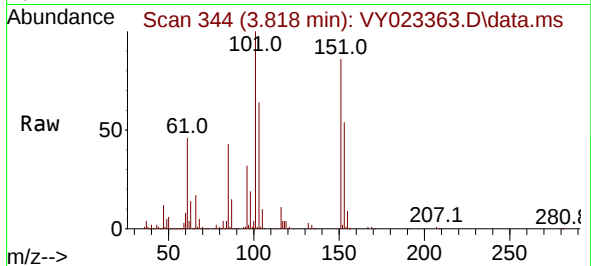




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.097 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

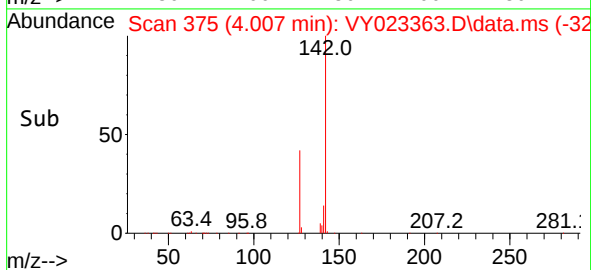
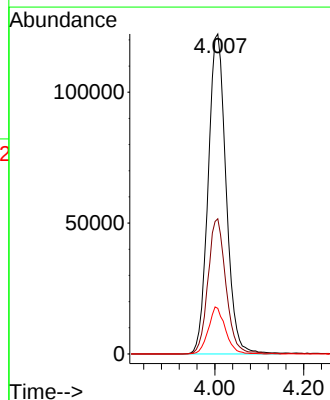
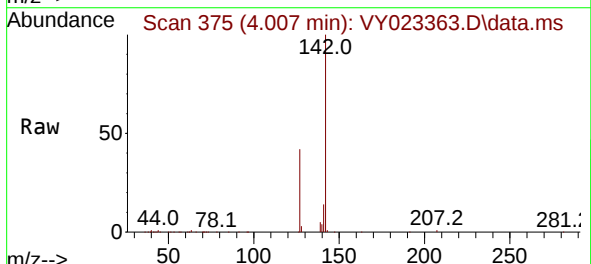
Instrument :
MSVOA_Y
ClientSampleId :

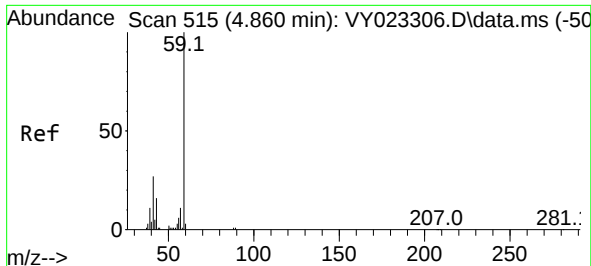
Tgt Ion:101 Resp: 285901
Ion Ratio Lower Upper
101 100
85 43.8 36.3 54.5
151 82.8 61.5 92.3



#10
Methyl Iodide
Concen: 47.358 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion:142 Resp: 342636
Ion Ratio Lower Upper
142 100
127 42.5 34.9 52.3
141 14.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 308.005 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

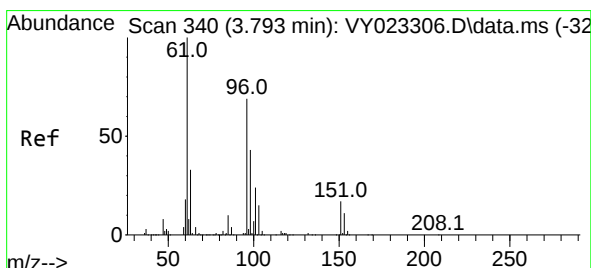
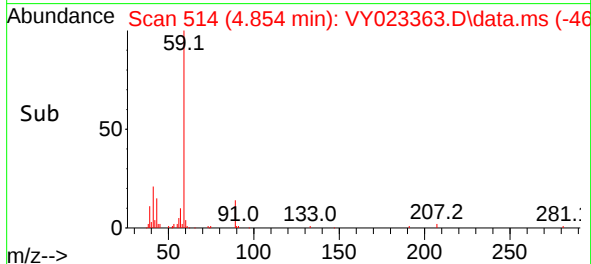
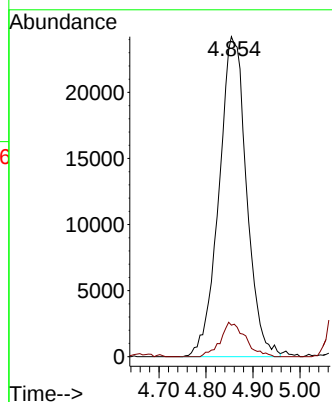
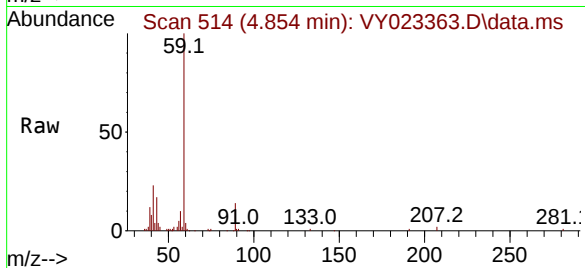
ClientSampleId :

Tgt Ion: 59 Resp: 98803

Ion Ratio Lower Upper

59 100

57 9.7 8.6 13.0



#12

1,1-Dichloroethene

Concen: 46.587 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

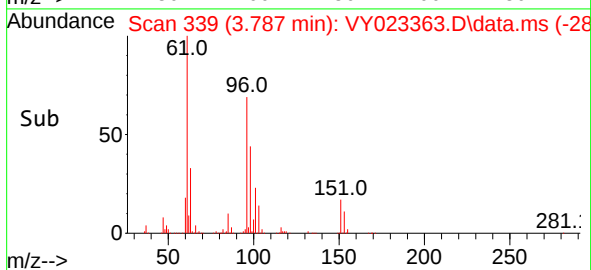
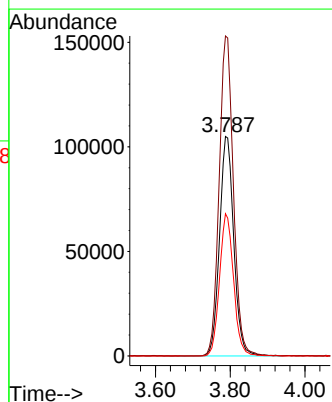
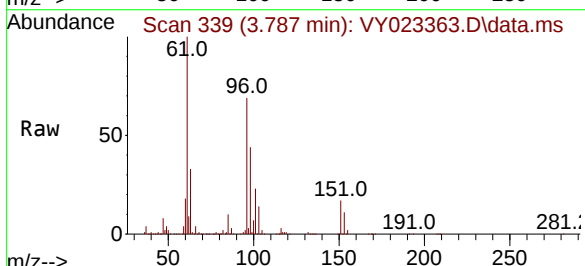
Tgt Ion: 96 Resp: 277961

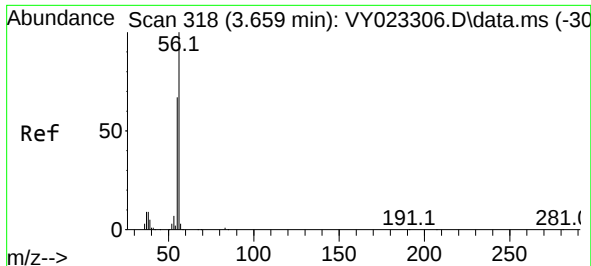
Ion Ratio Lower Upper

96 100

61 145.7 129.4 194.2

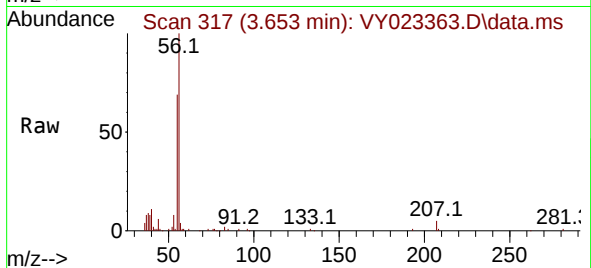
98 64.8 52.8 79.2



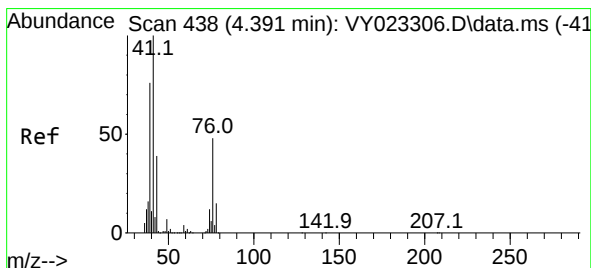
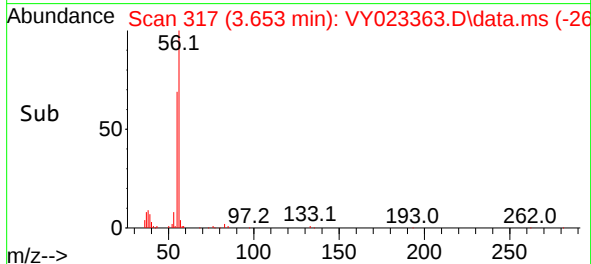
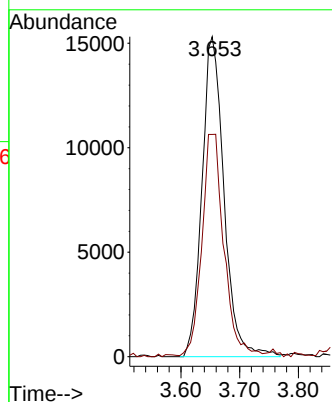


#13
Acrolein
Concen: 73.445 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :

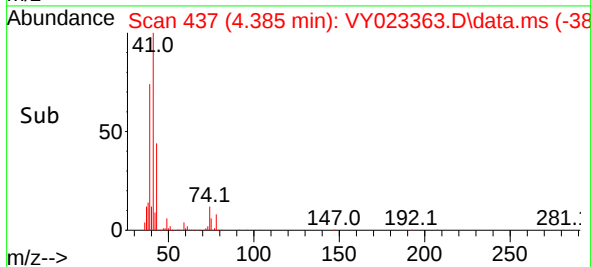
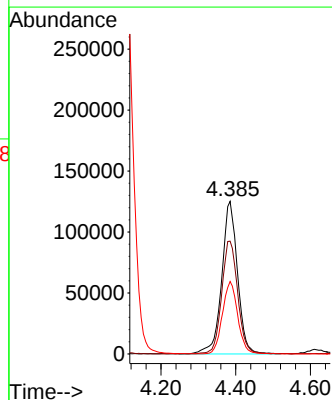
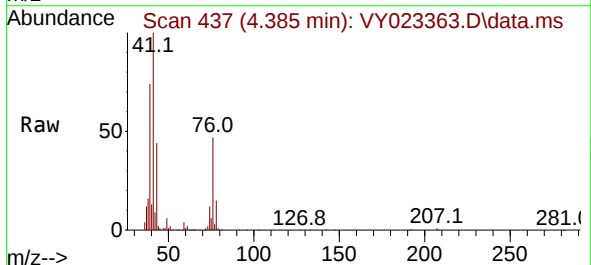


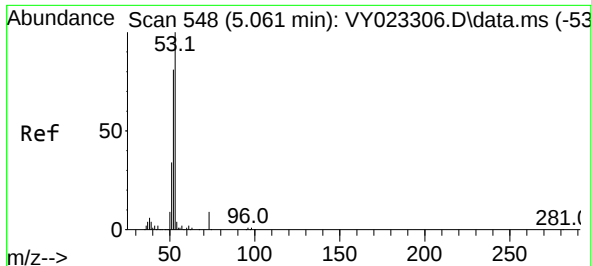
Tgt Ion: 56 Resp: 39830
Ion Ratio Lower Upper
56 100
55 68.9 55.2 82.8



#14
Allyl chloride
Concen: 48.667 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 41 Resp: 366800
Ion Ratio Lower Upper
41 100
39 75.2 59.8 89.6
76 45.9 33.7 50.5

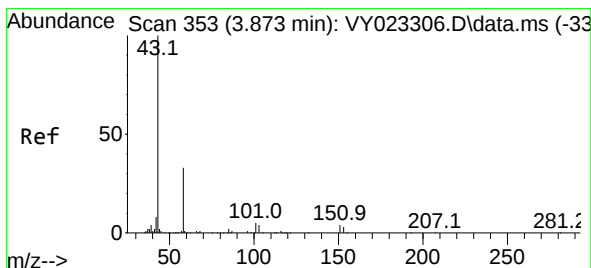
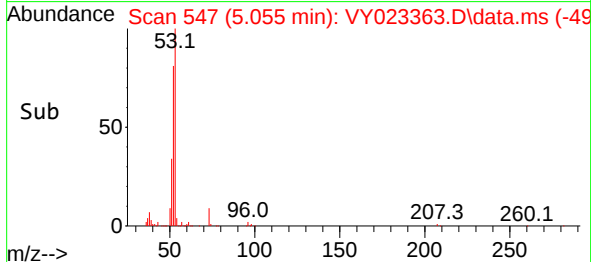
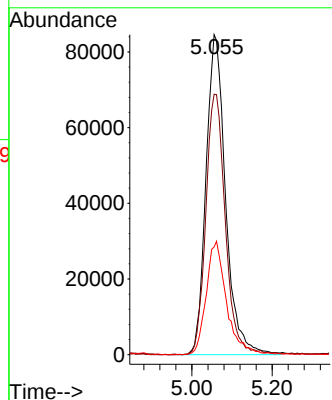
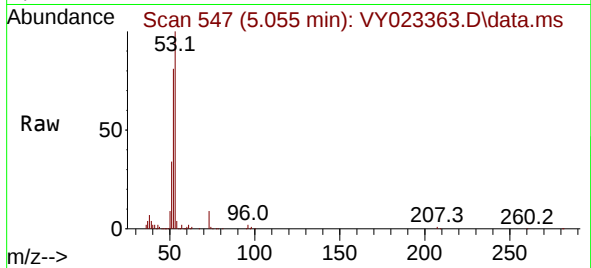




#15
Acrylonitrile
Concen: 238.392 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

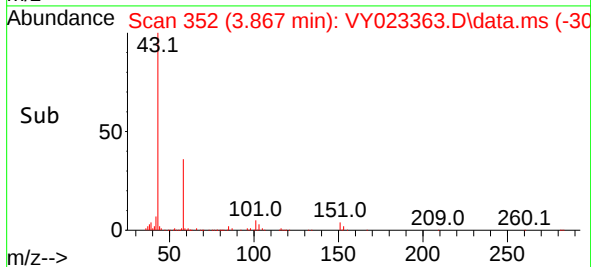
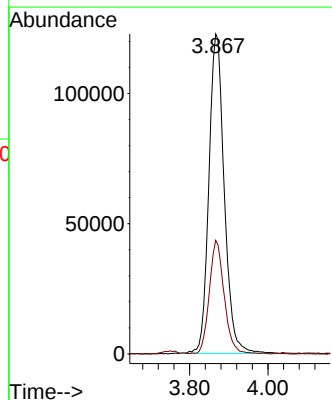
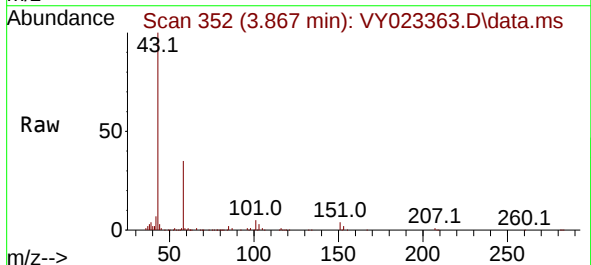
Instrument :
MSVOA_Y
ClientSampleId :

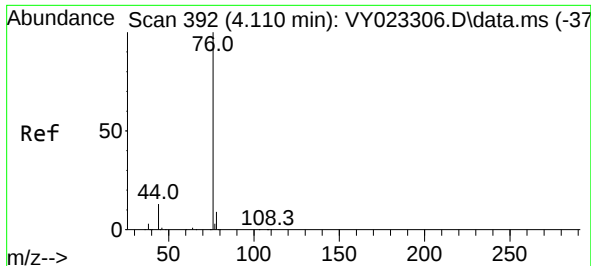
Tgt Ion: 53 Resp: 286377
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 36.8 29.5 44.3



#16
Acetone
Concen: 264.267 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 43 Resp: 334186
Ion Ratio Lower Upper
43 100
58 35.4 27.1 40.7

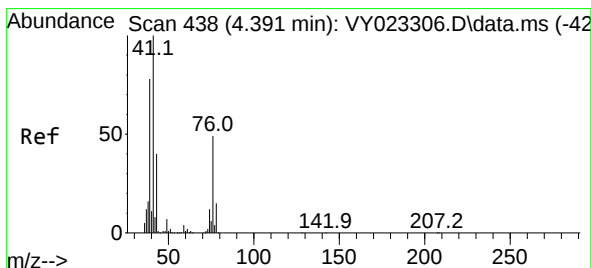
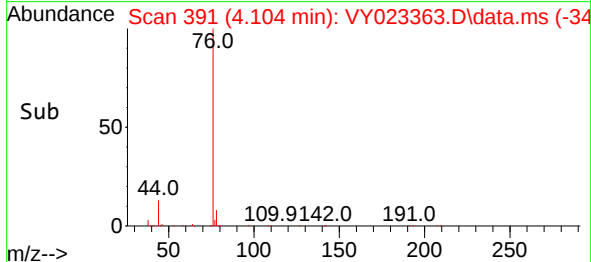
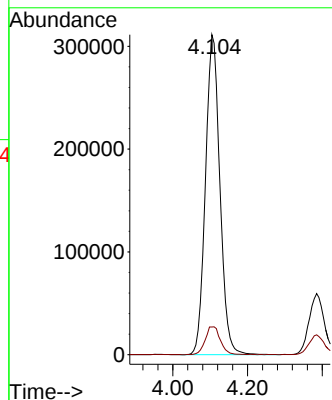
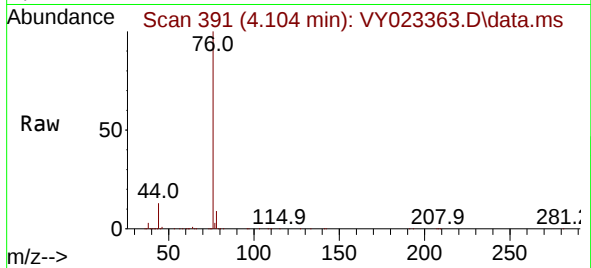




#17
Carbon Disulfide
Concen: 44.101 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

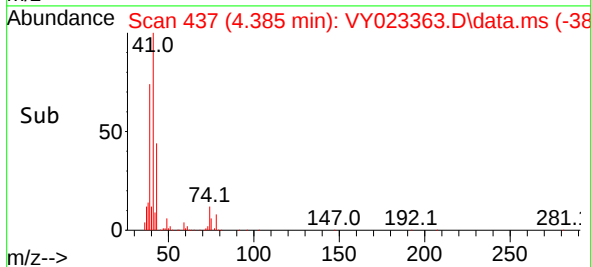
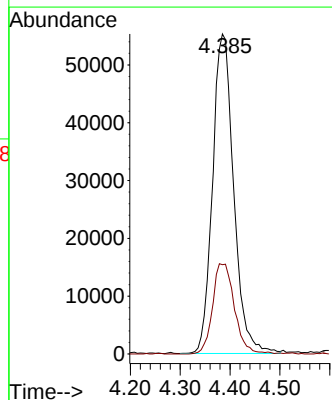
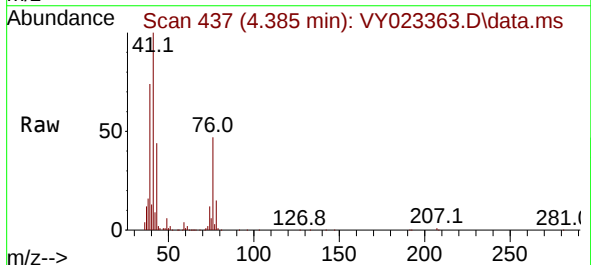
Instrument :
MSVOA_Y
ClientSampleId :

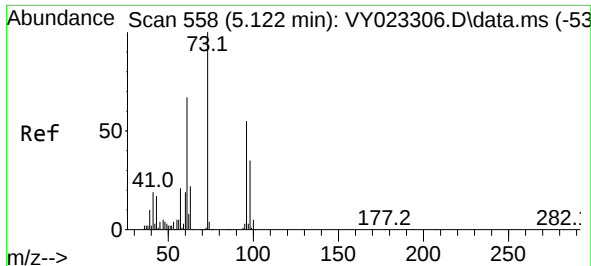
Tgt Ion: 76 Resp: 833060
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 52.424 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 43 Resp: 162622
Ion Ratio Lower Upper
43 100
74 29.2 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 49.973 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

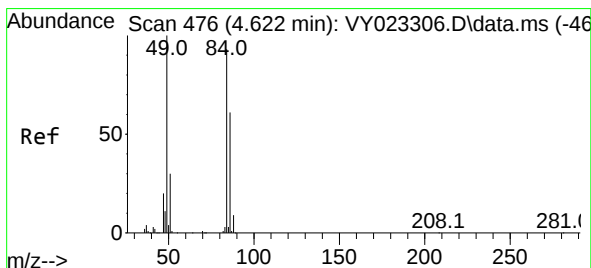
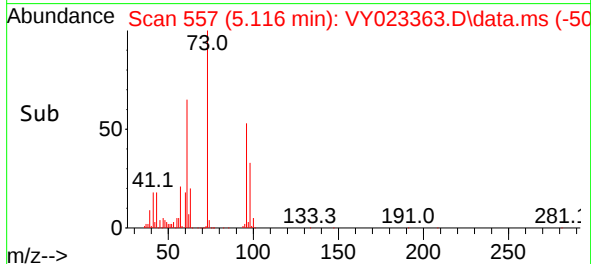
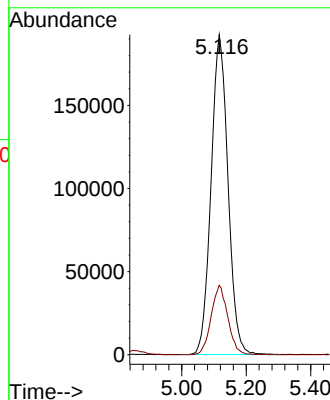
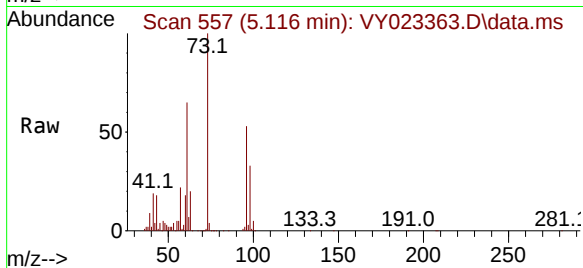
ClientSampleId :

Tgt Ion: 73 Resp: 701068

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 50.761 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Tgt Ion: 84 Resp: 343429

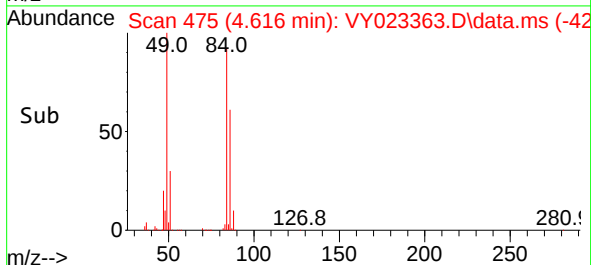
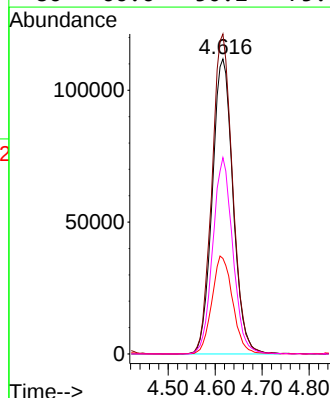
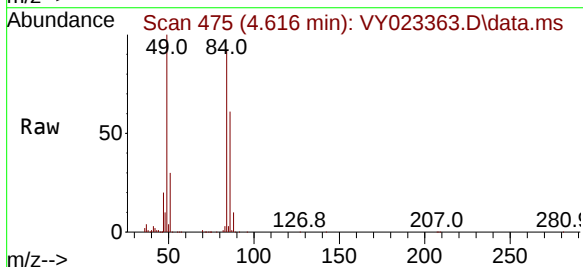
Ion Ratio Lower Upper

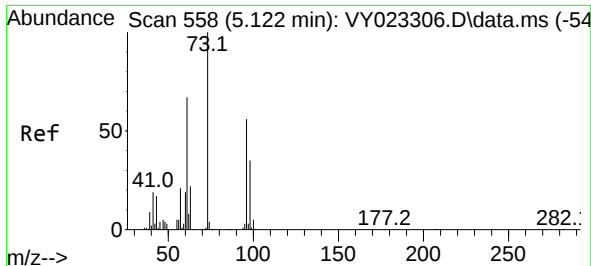
84 100

49 108.4 93.0 139.6

51 32.3 29.0 43.4

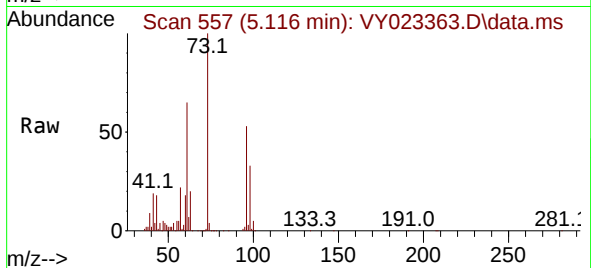
86 66.6 50.2 75.4



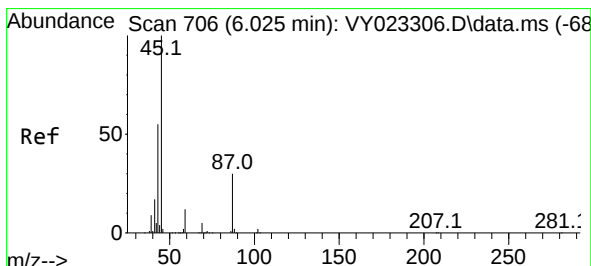
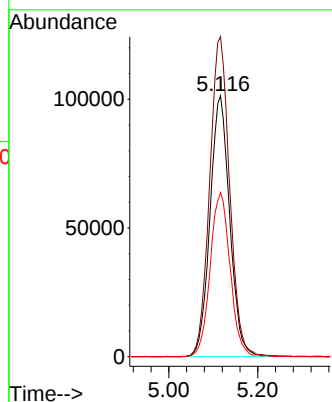
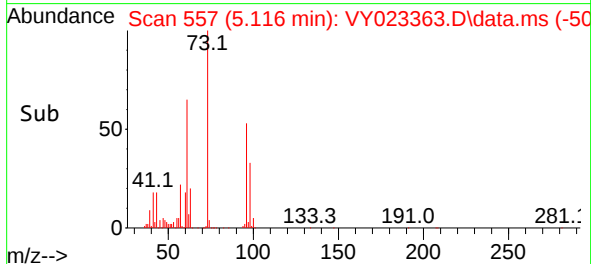


#21
trans-1,2-Dichloroethene
Concen: 46.866 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

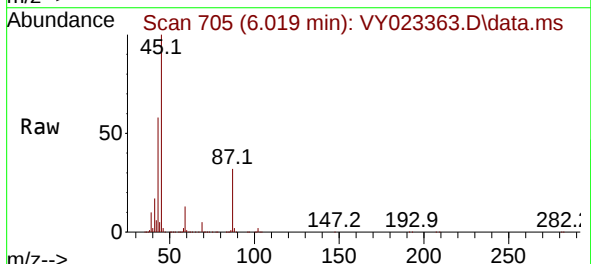
Instrument :
MSVOA_Y
ClientSampleId :



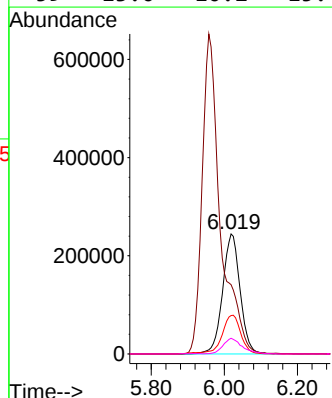
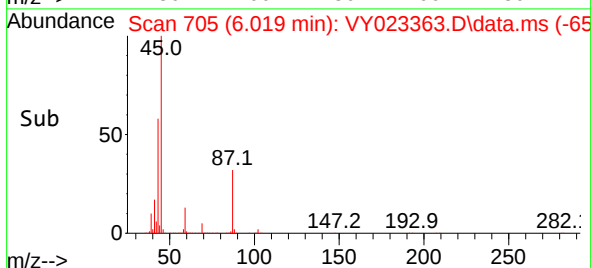
Tgt Ion: 96 Resp: 312425
Ion Ratio Lower Upper
96 100
61 122.6 104.8 157.2
98 62.9 50.1 75.1

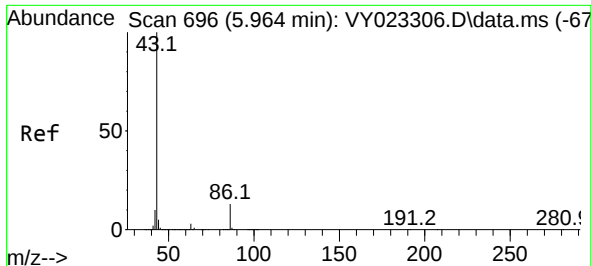


#22
Diisopropyl ether
Concen: 48.527 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02



Tgt Ion: 45 Resp: 814549
Ion Ratio Lower Upper
45 100
43 57.7 43.4 65.0
87 32.0 24.4 36.6
59 13.0 10.2 15.4

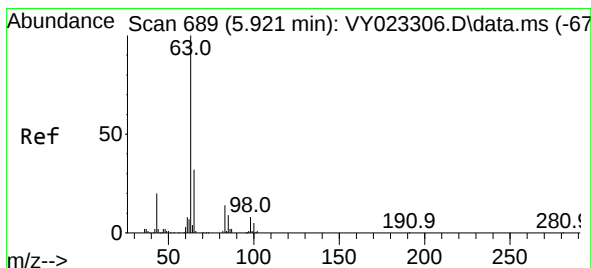
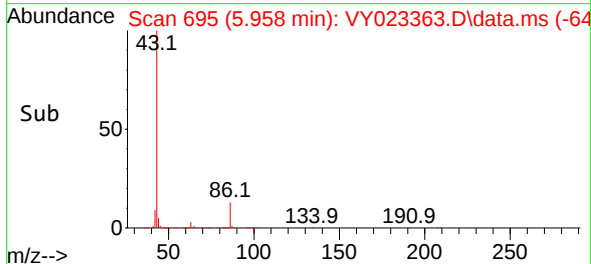
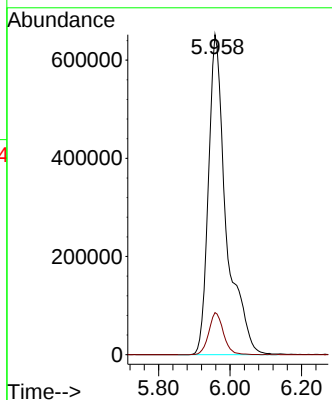
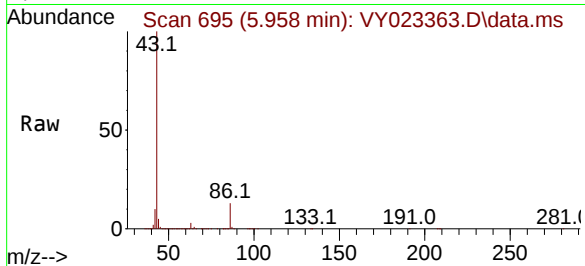




#23
 Vinyl Acetate
 Concen: 242.905 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

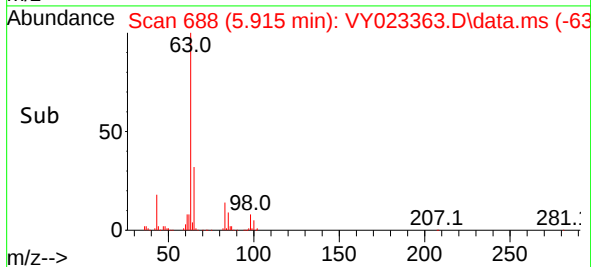
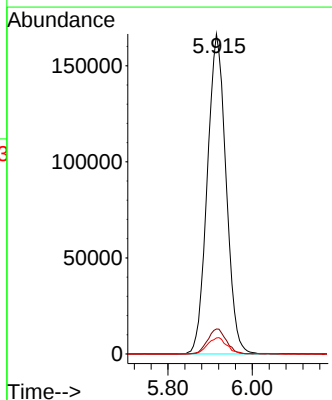
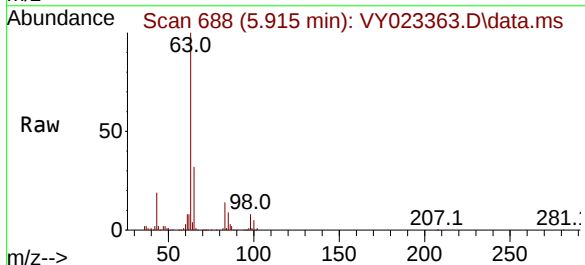
Instrument :
 MSVOA_Y
 ClientSampleId :

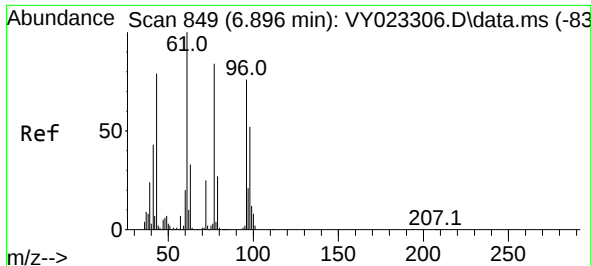
Tgt Ion: 43 Resp: 2254041
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 46.895 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

Tgt Ion: 63 Resp: 514850
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 257.768 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

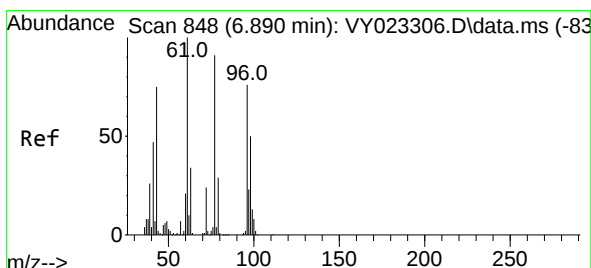
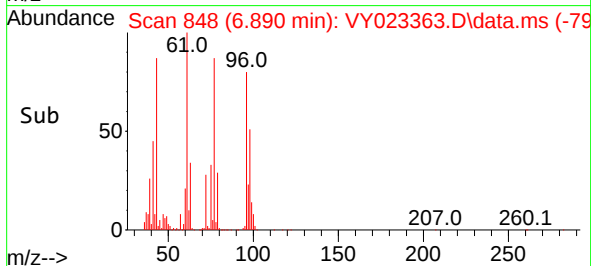
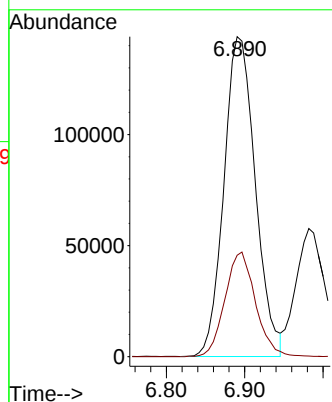
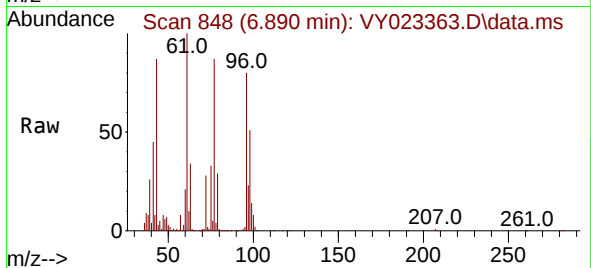
ClientSampleId :

Tgt Ion: 43 Resp: 401194

Ion Ratio Lower Upper

43 100

72 31.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 48.889 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023363.D

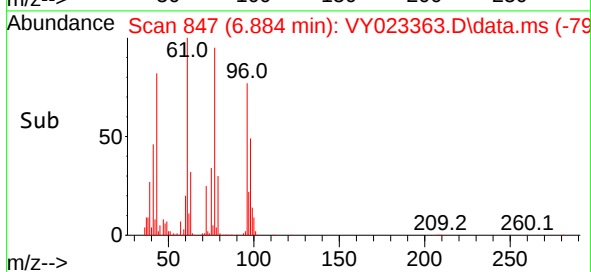
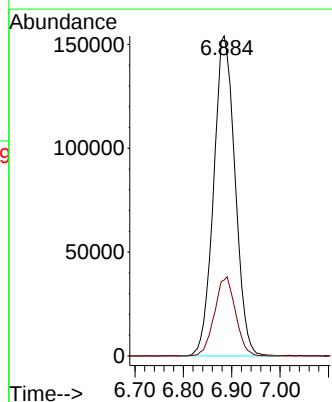
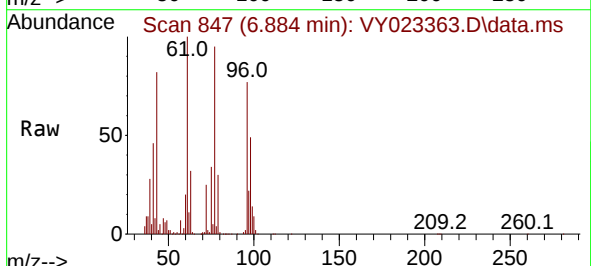
Acq: 25 Sep 2025 10:02

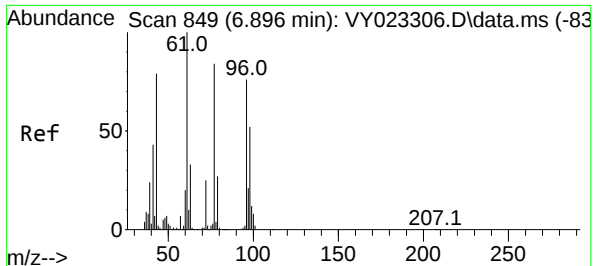
Tgt Ion: 77 Resp: 473929

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.577 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

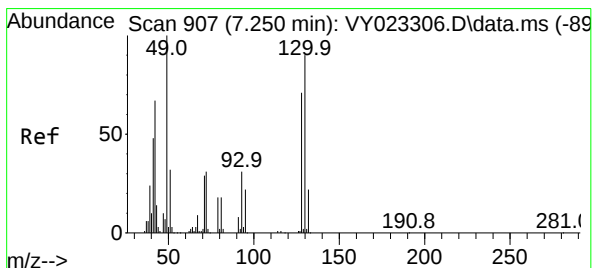
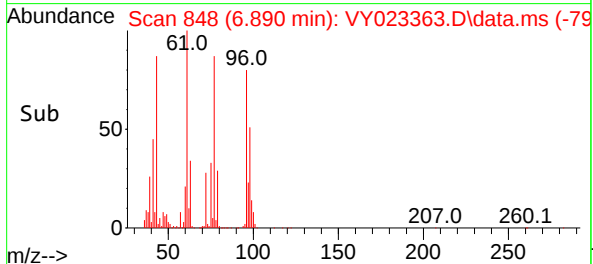
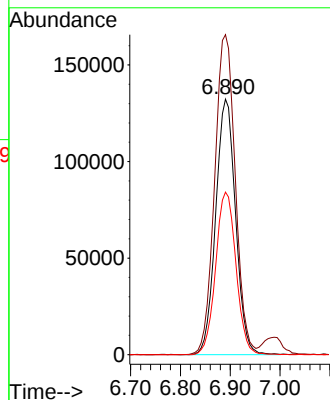
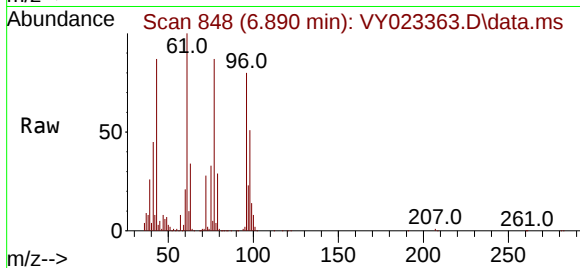
Tgt Ion: 96 Resp: 366719

Ion Ratio Lower Upper

96 100

61 129.8 0.0 278.6

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 41.556 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

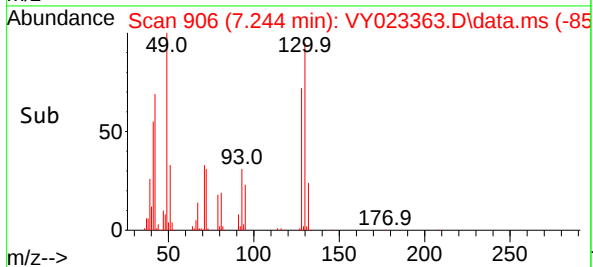
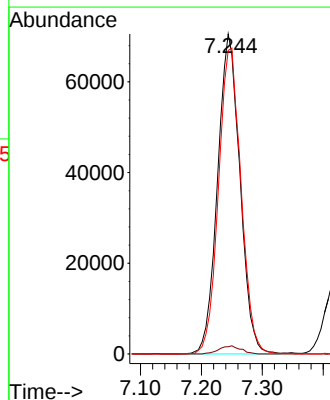
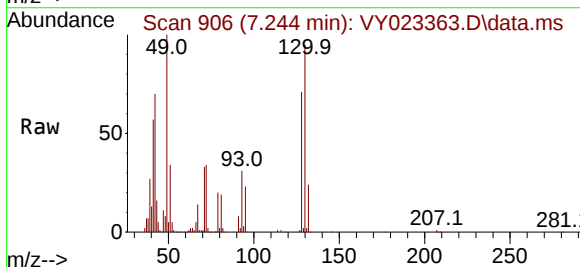
Tgt Ion: 49 Resp: 179521

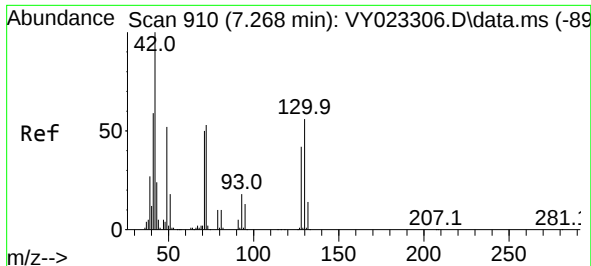
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 96.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 244.906 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

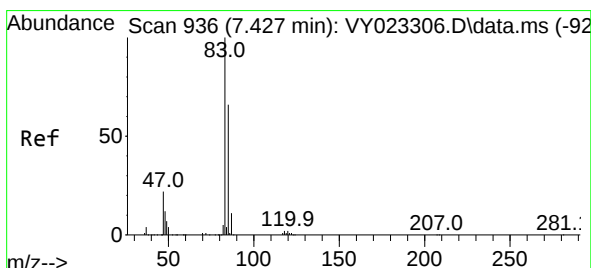
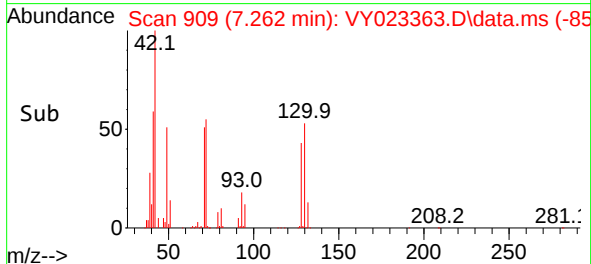
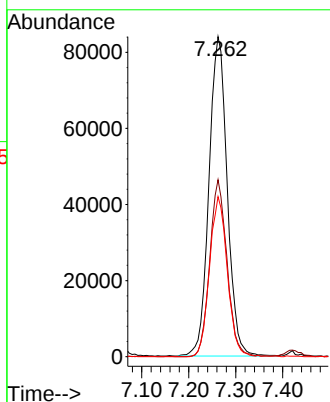
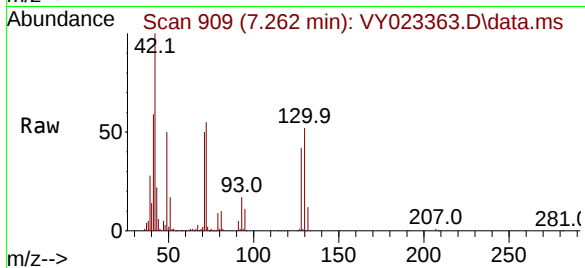
Tgt Ion: 42 Resp: 226091

Ion Ratio Lower Upper

42 100

72 52.5 39.4 59.2

71 48.7 36.5 54.7



#30

Chloroform

Concen: 47.008 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023363.D

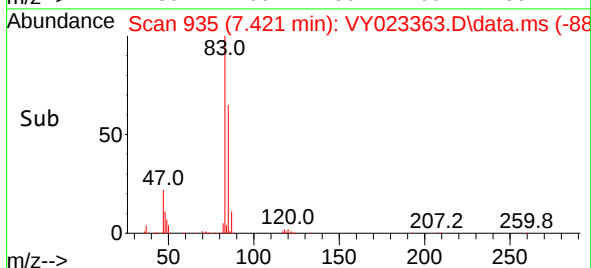
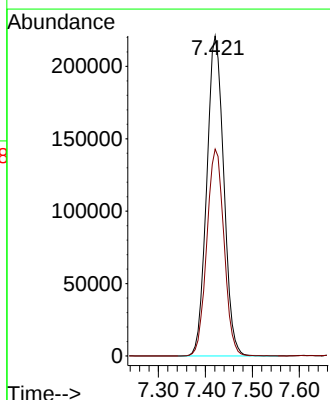
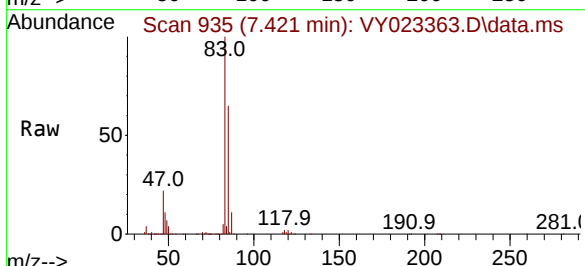
Acq: 25 Sep 2025 10:02

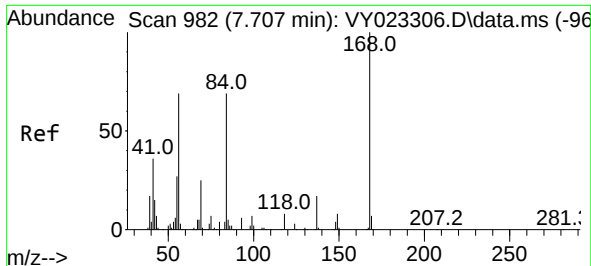
Tgt Ion: 83 Resp: 554518

Ion Ratio Lower Upper

83 100

85 64.7 53.8 80.8

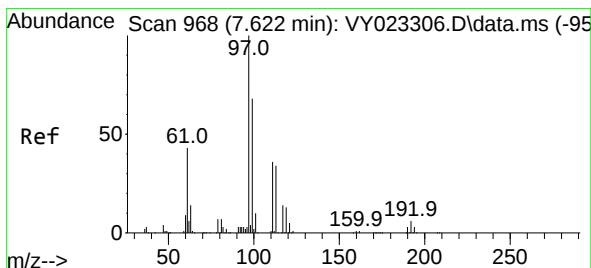
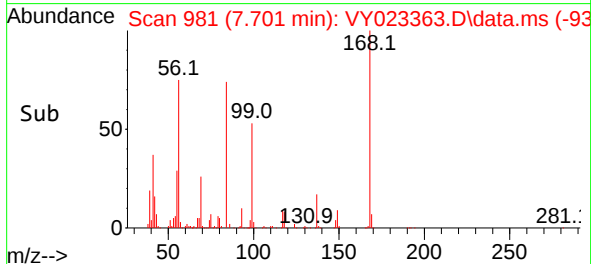
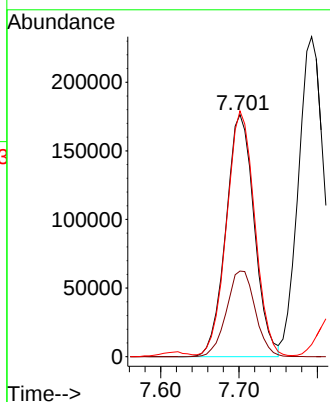
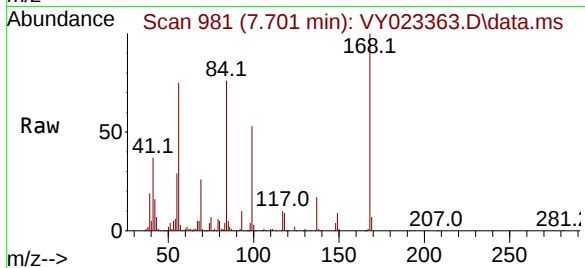




#31
Cyclohexane
Concen: 45.756 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

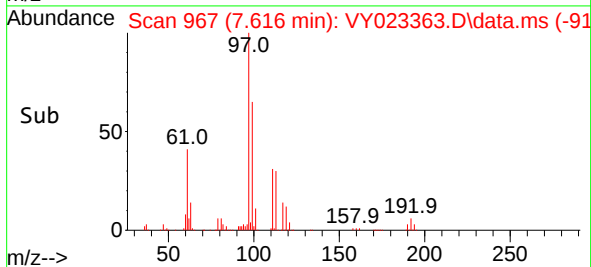
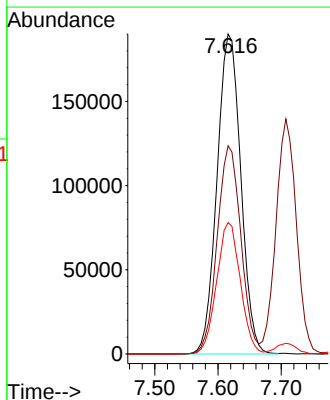
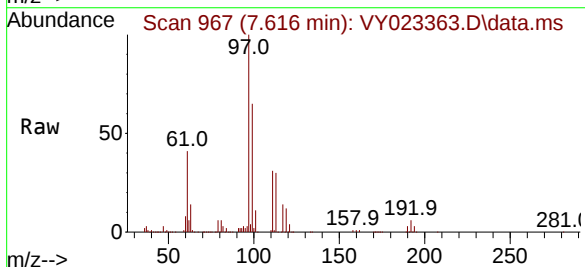
Instrument :
MSVOA_Y
ClientSampleId :

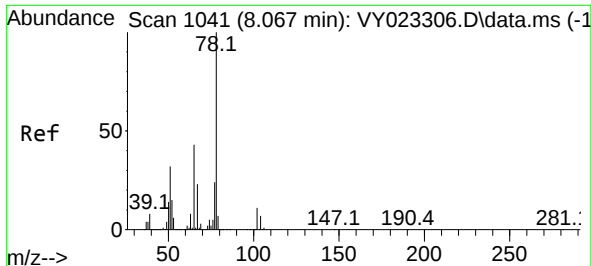
Tgt Ion: 56 Resp: 444531
Ion Ratio Lower Upper
56 100
69 35.4 28.2 42.2
84 99.5 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 47.045 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 97 Resp: 495816
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 40.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.003 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

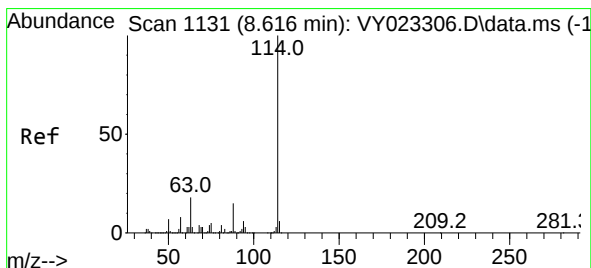
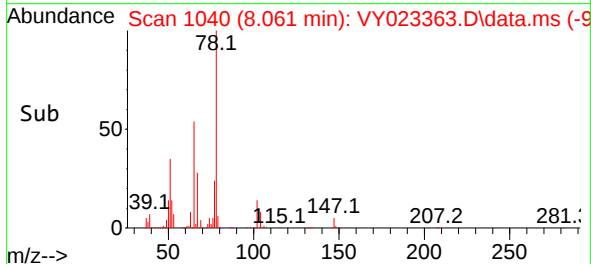
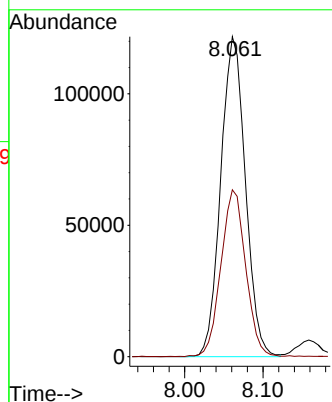
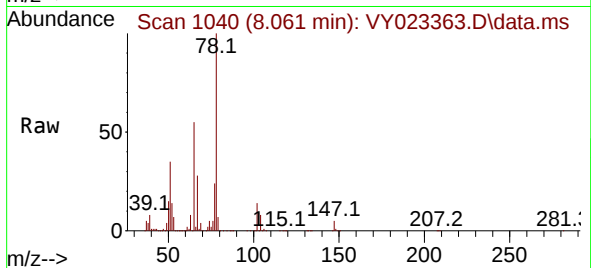
ClientSampleId :

Tgt Ion: 65 Resp: 266495

Ion Ratio Lower Upper

65 100

67 52.1 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: VY023363.D

Acq: 25 Sep 2025 10:02

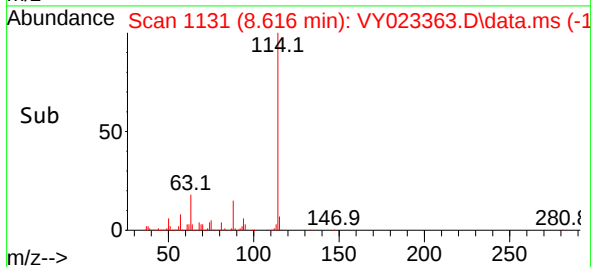
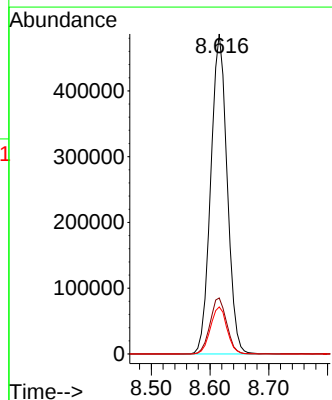
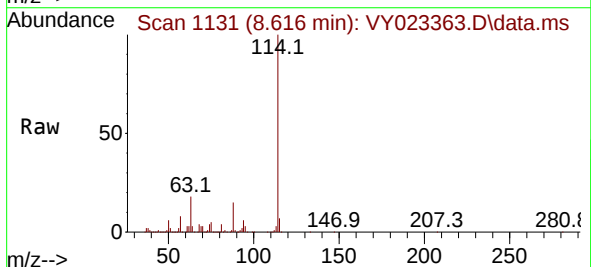
Tgt Ion: 114 Resp: 940041

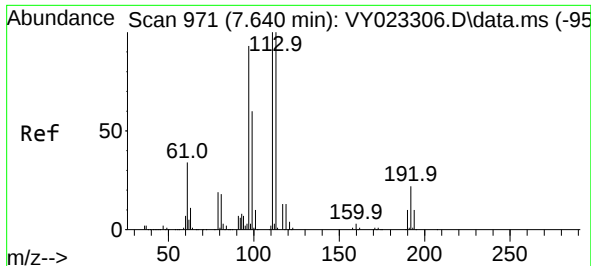
Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 14.7 0.0 30.0

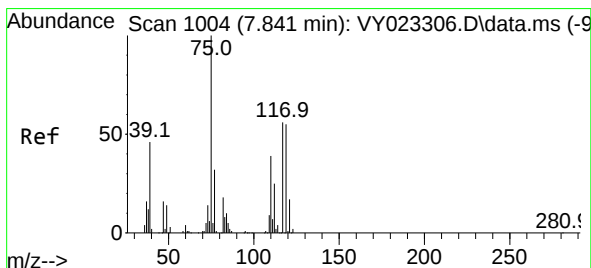
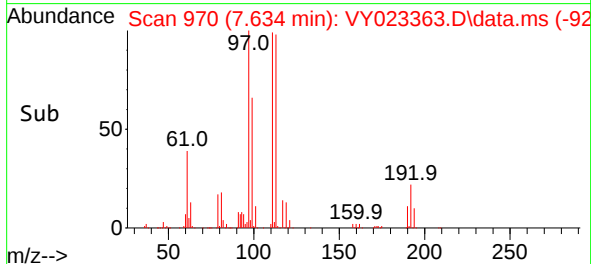
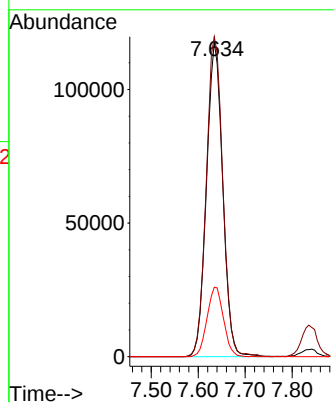
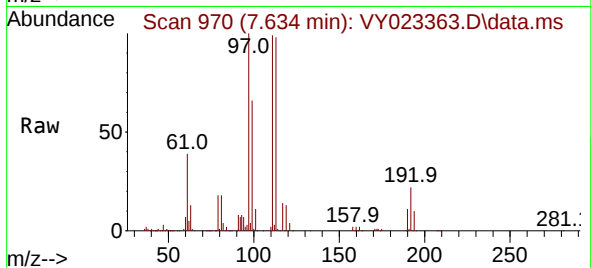




#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

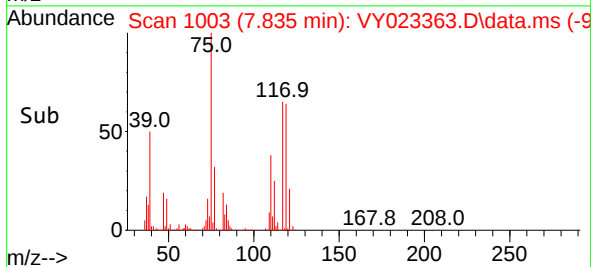
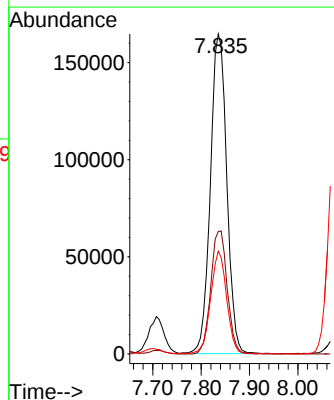
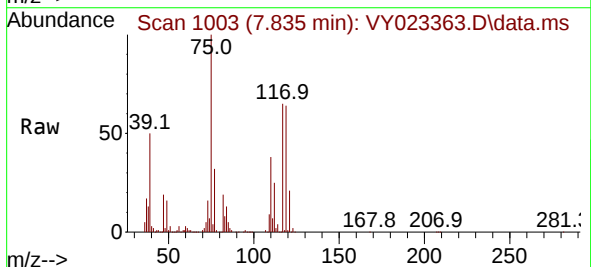
Instrument :
MSVOA_Y
ClientSampleId :

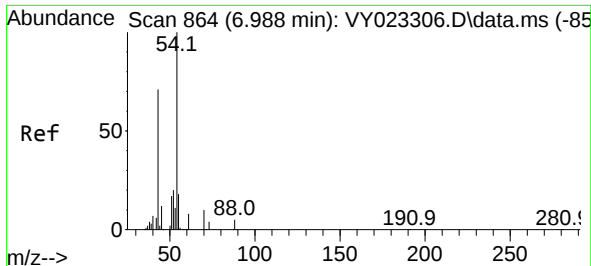
Tgt Ion:113 Resp: 281102
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 22.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 47.442 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 75 Resp: 388271
Ion Ratio Lower Upper
75 100
110 38.5 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 47.564 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

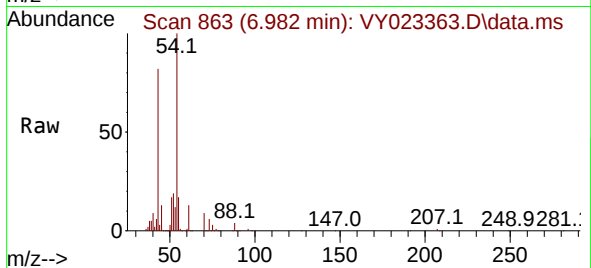
Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :



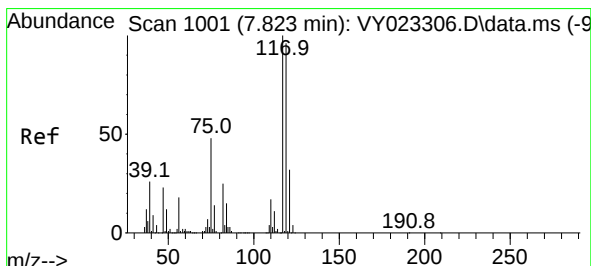
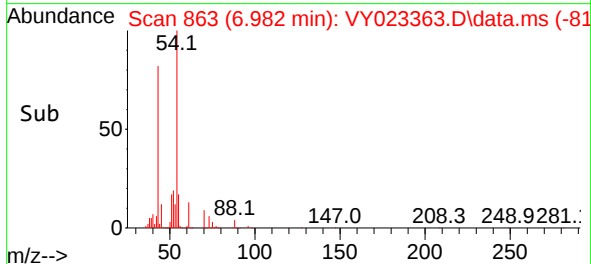
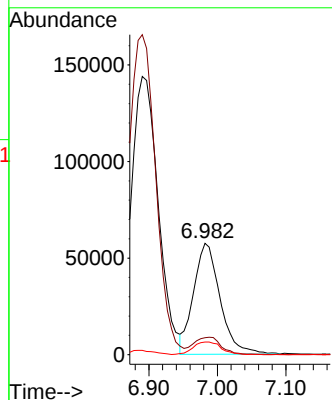
Tgt Ion: 43 Resp: 154849

Ion Ratio Lower Upper

43 100

61 16.4 11.9 17.9

70 11.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 48.340 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

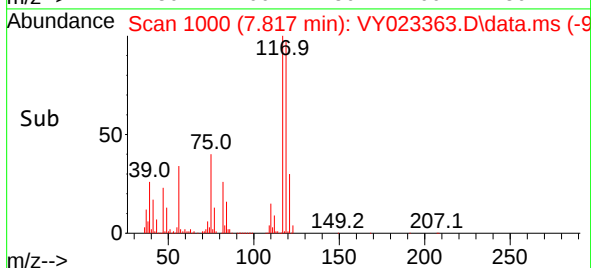
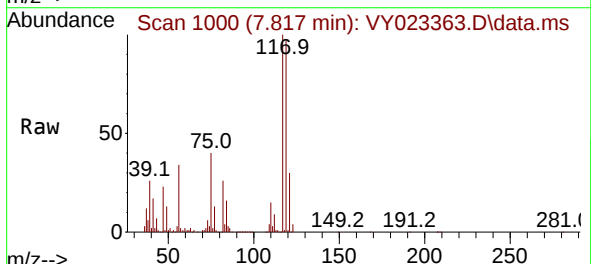
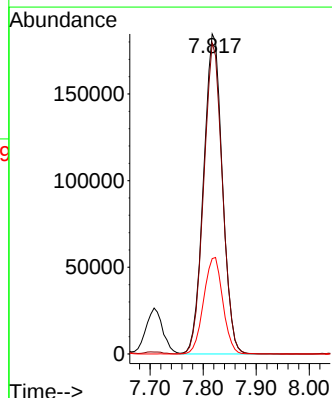
Tgt Ion: 117 Resp: 455219

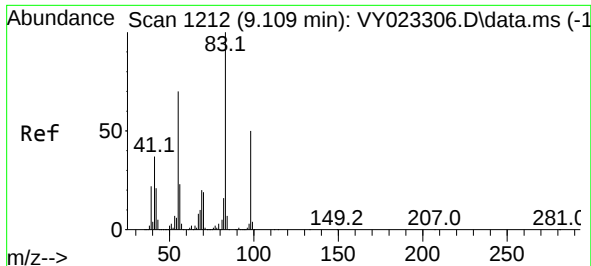
Ion Ratio Lower Upper

117 100

119 97.2 75.6 113.4

121 29.8 25.8 38.8





#39

Methylcyclohexane

Concen: 50.026 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

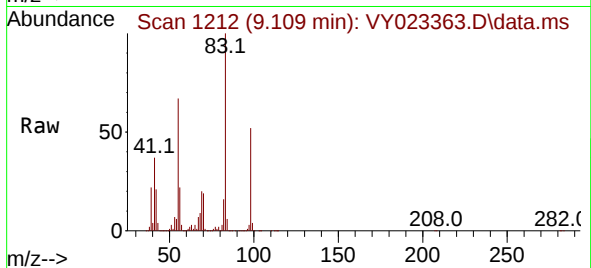
Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :



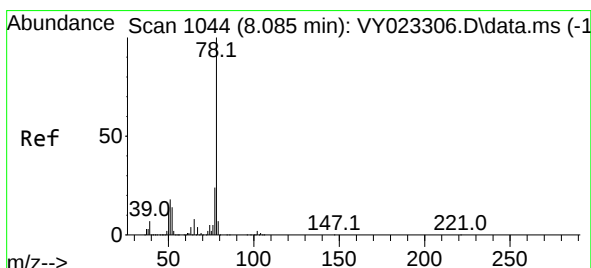
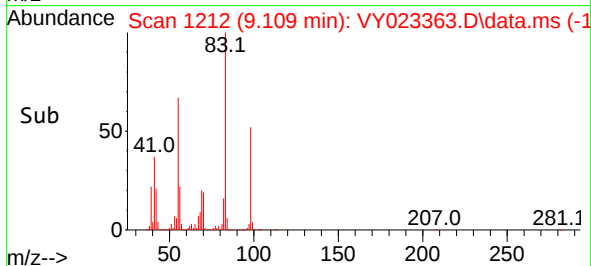
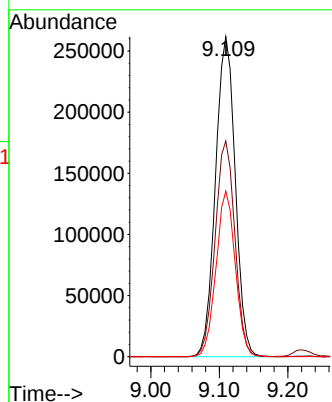
Tgt Ion: 83 Resp: 523772

Ion	Ratio	Lower	Upper
83	100		
55	67.4	57.6	86.4
98	51.7	39.2	58.8

83 100

55 67.4 57.6 86.4

98 51.7 39.2 58.8



#40

Benzene

Concen: 48.062 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023363.D

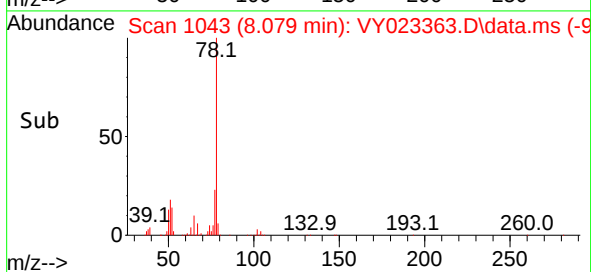
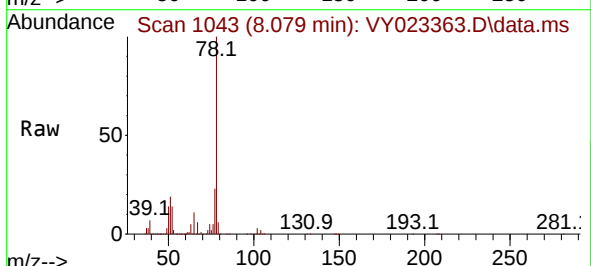
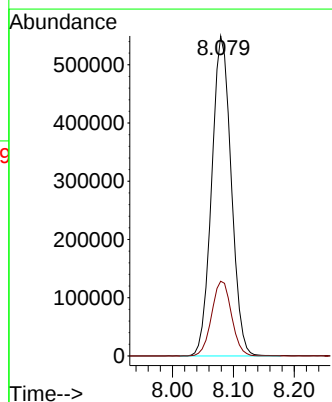
Acq: 25 Sep 2025 10:02

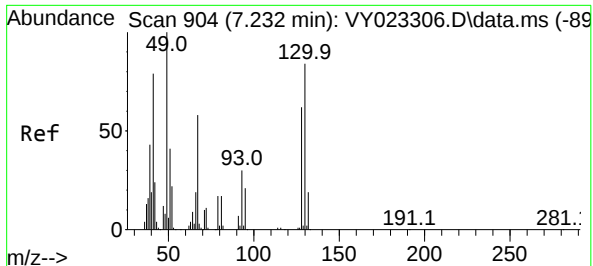
Tgt Ion: 78 Resp: 1222631

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0

78 100

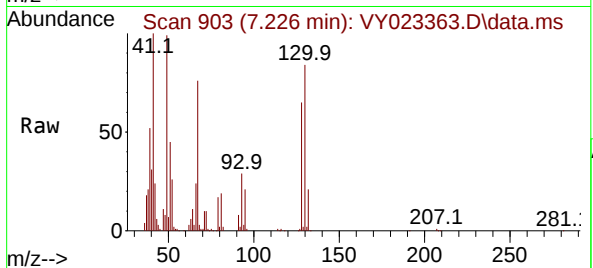
77 23.3 18.6 28.0



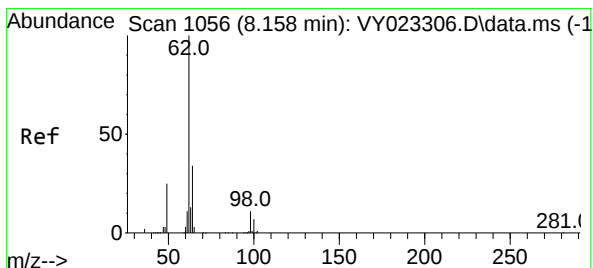
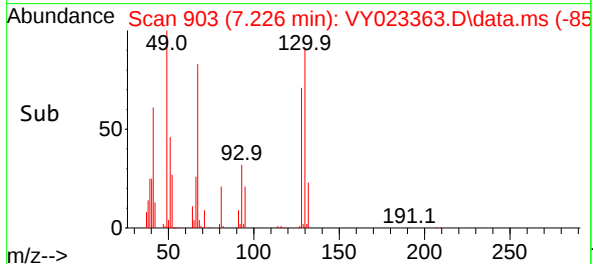
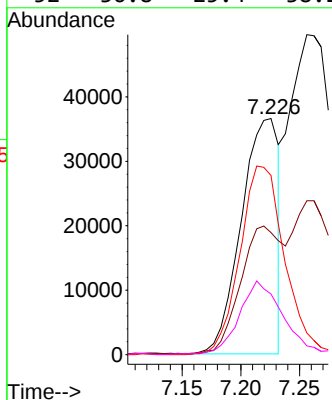


#41
Methacrylonitrile
Concen: 47.998 ug/l
RT: 7.226 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :

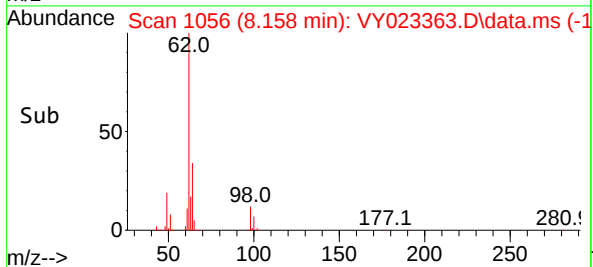
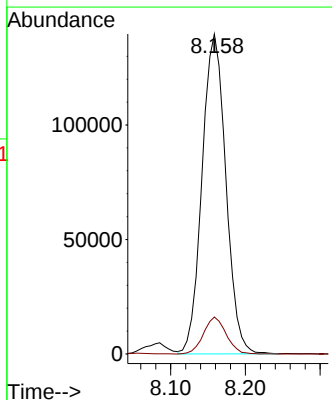
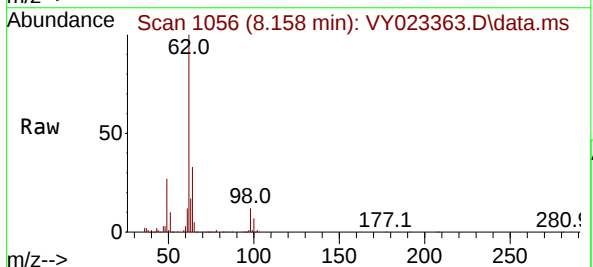


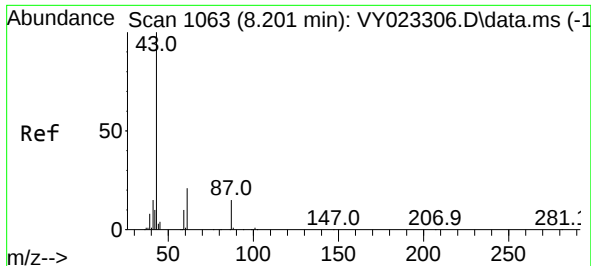
Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.1	43.4	65.2
67	96.5	63.6	95.4
52	36.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 47.762 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6

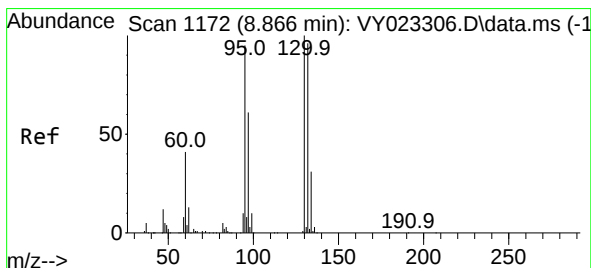
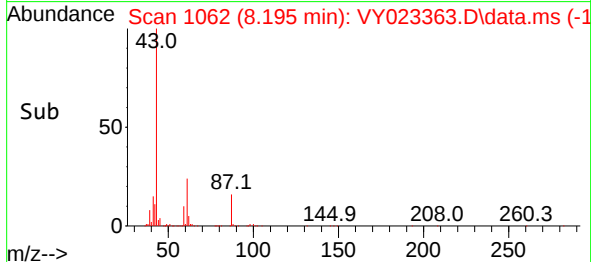
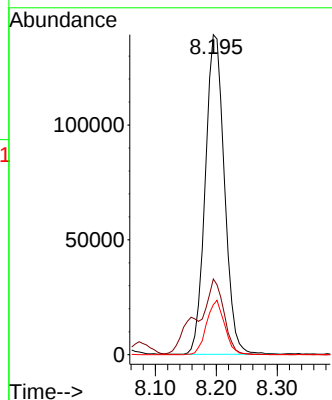
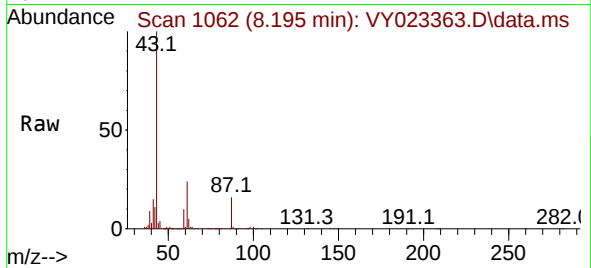




#43
Isopropyl Acetate
Concen: 48.073 ug/l
RT: 8.195 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

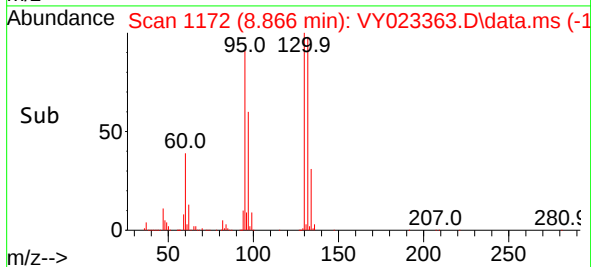
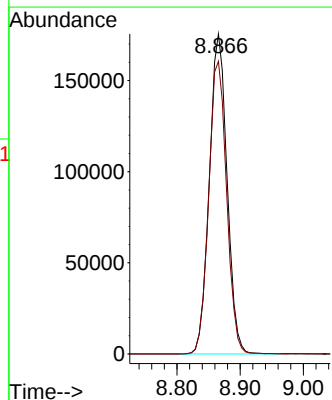
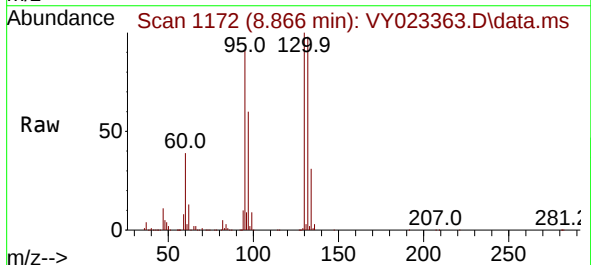
Instrument :
MSVOA_Y
ClientSampleId :

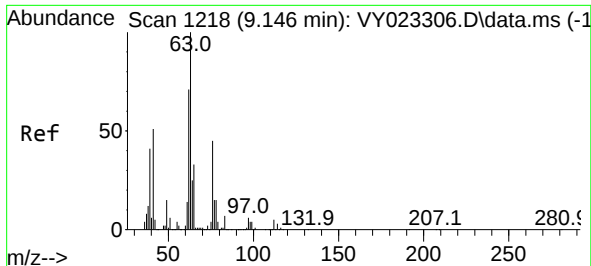
Tgt Ion: 43 Resp: 304406
Ion Ratio Lower Upper
43 100
61 22.4 16.4 24.6
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 48.150 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion:130 Resp: 341164
Ion Ratio Lower Upper
130 100
95 91.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 47.464 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

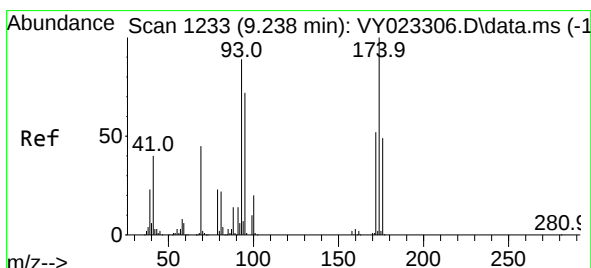
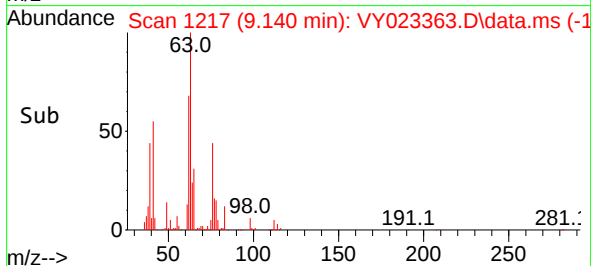
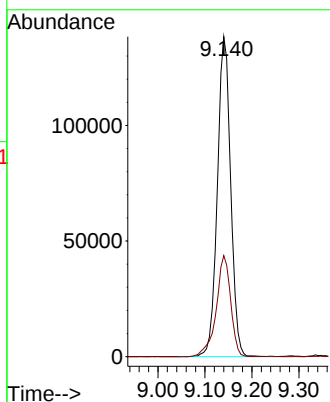
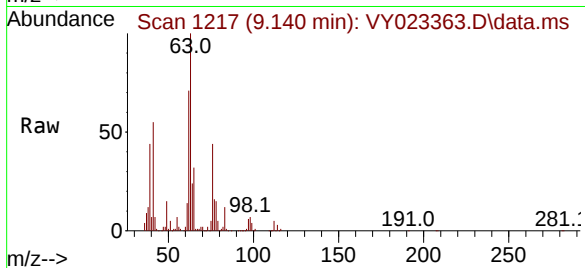
ClientSampleId :

Tgt Ion: 63 Resp: 272689

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 47.558 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

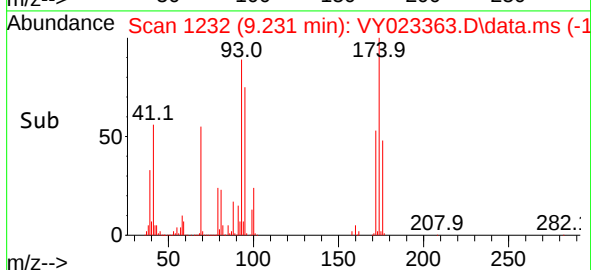
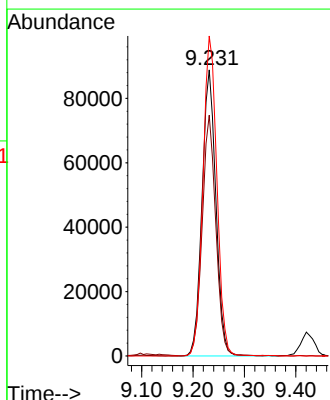
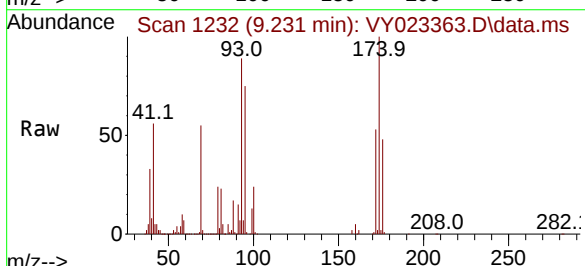
Tgt Ion: 93 Resp: 166393

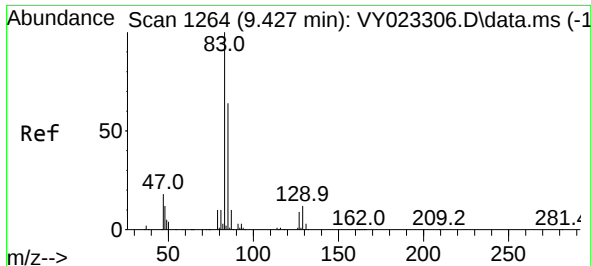
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

174 112.4 81.8 122.8

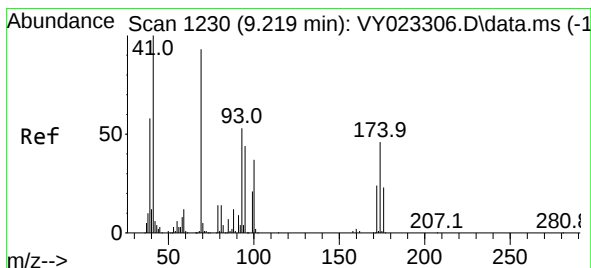
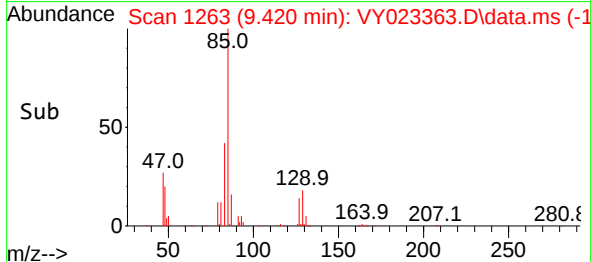
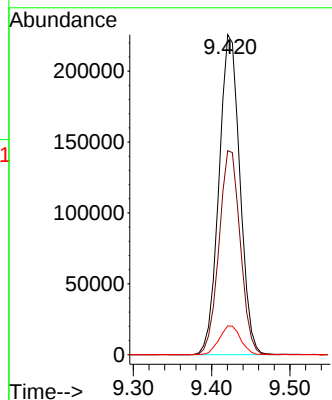
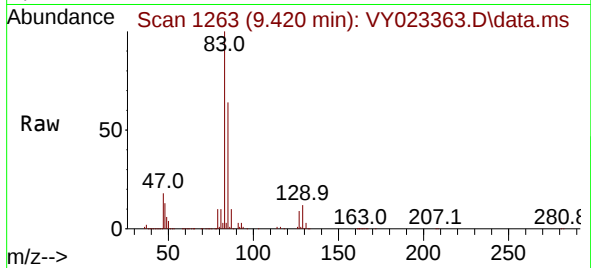




#47
Bromodichloromethane
Concen: 47.748 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

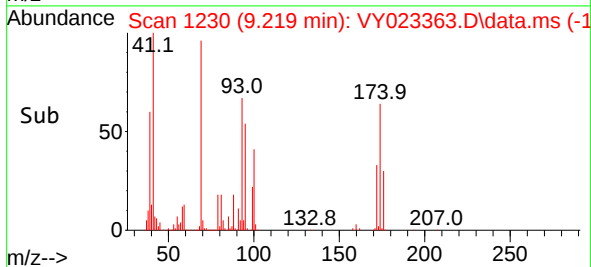
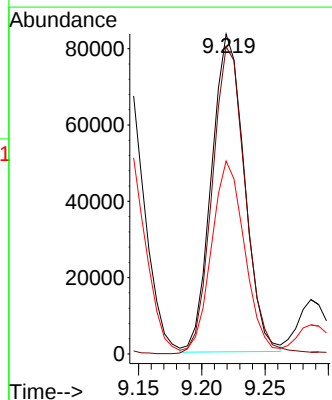
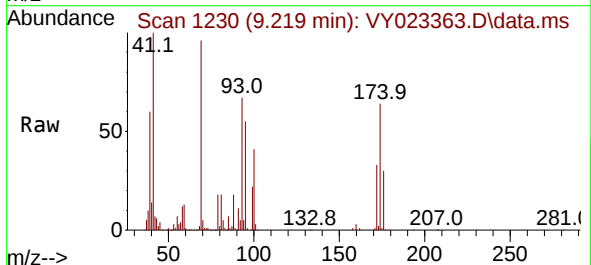
Instrument :
MSVOA_Y
ClientSampleId :

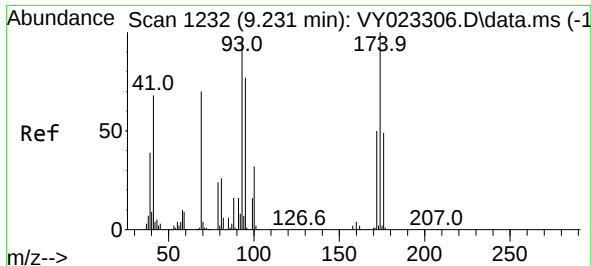
Tgt Ion: 83 Resp: 420279
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 50.960 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 41 Resp: 150404
Ion Ratio Lower Upper
41 100
69 97.6 73.2 109.8
39 59.0 47.0 70.4





#49

1,4-Dioxane

Concen: 1124.007 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

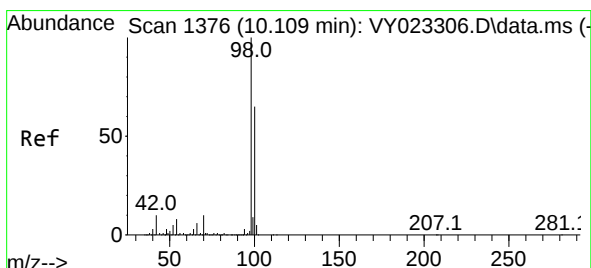
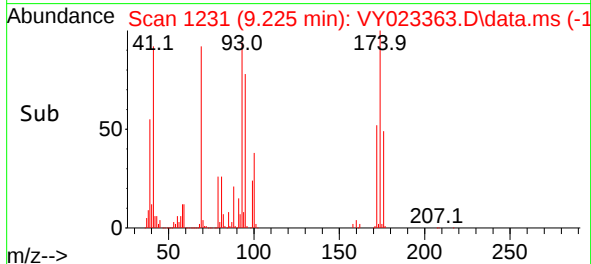
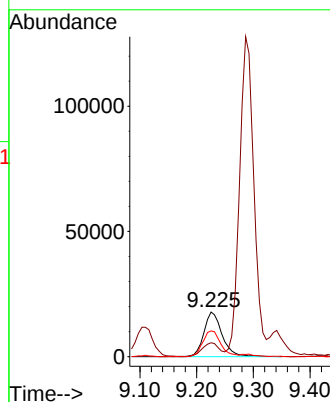
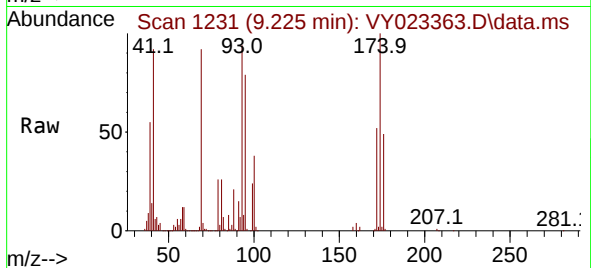
Tgt Ion: 88 Resp: 39920

Ion Ratio Lower Upper

88 100

43 28.7 24.3 36.5

58 57.1 55.4 83.0



#50

Toluene-d8

Concen: 49.573 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023363.D

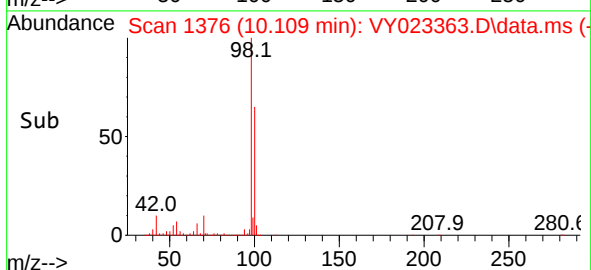
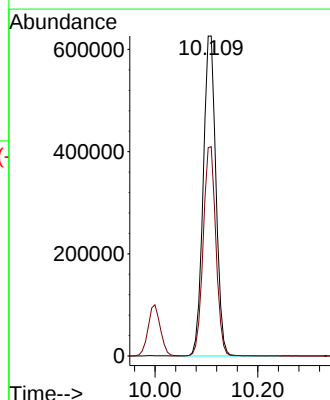
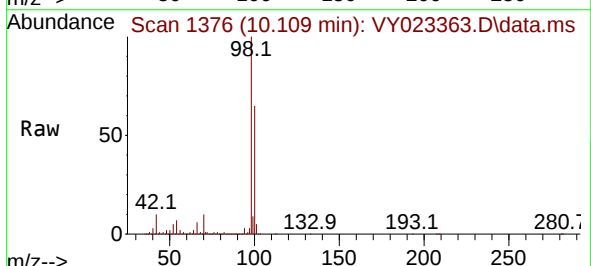
Acq: 25 Sep 2025 10:02

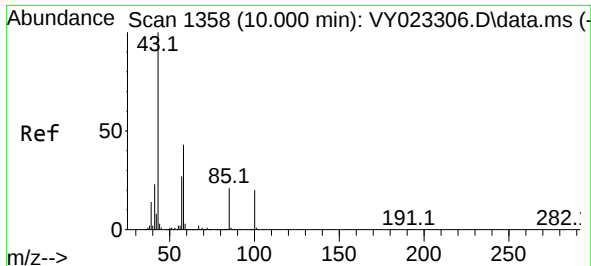
Tgt Ion: 98 Resp: 1075615

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

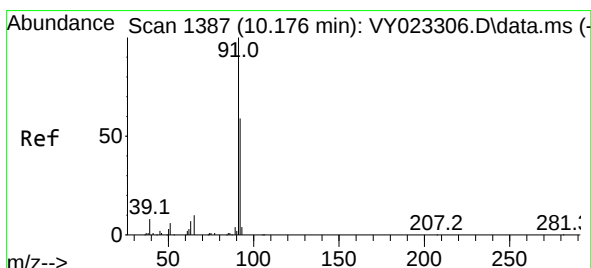
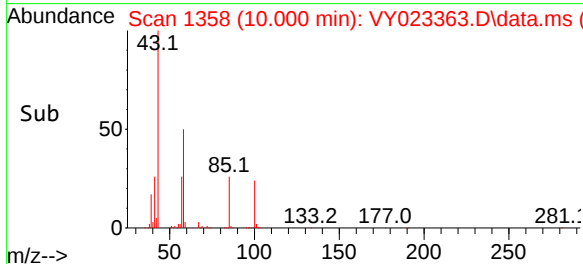
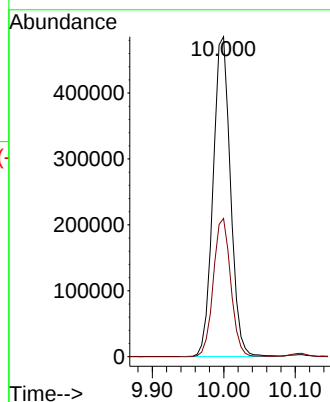
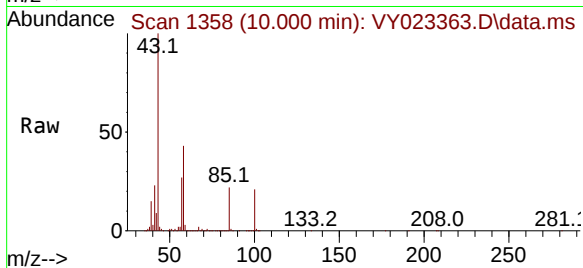




#51
4-Methyl-2-Pentanone
Concen: 253.220 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

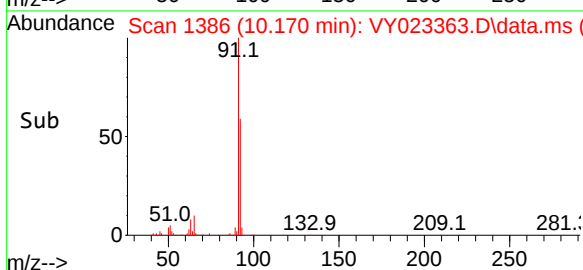
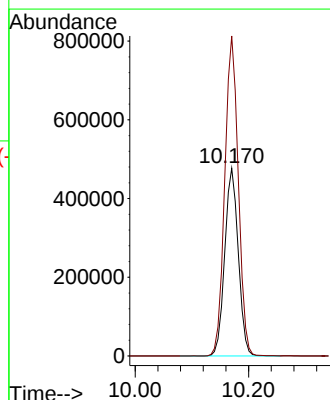
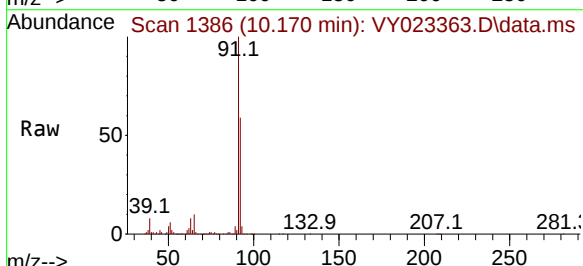
Instrument :
MSVOA_Y
ClientSampleId :

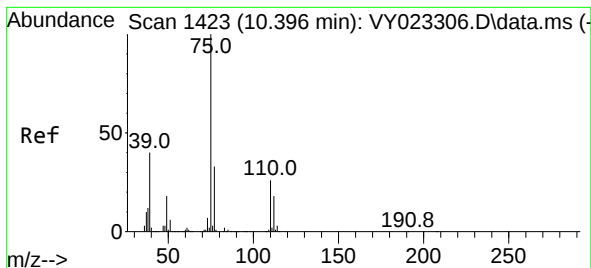
Tgt Ion: 43 Resp: 820313
Ion Ratio Lower Upper
43 100
58 43.4 33.5 50.3



#52
Toluene
Concen: 48.888 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 92 Resp: 789225
Ion Ratio Lower Upper
92 100
91 170.8 136.4 204.6

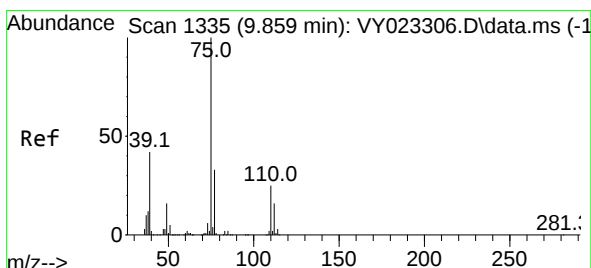
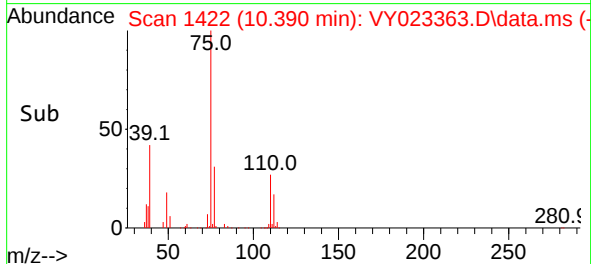
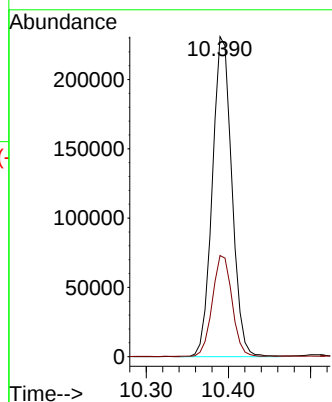
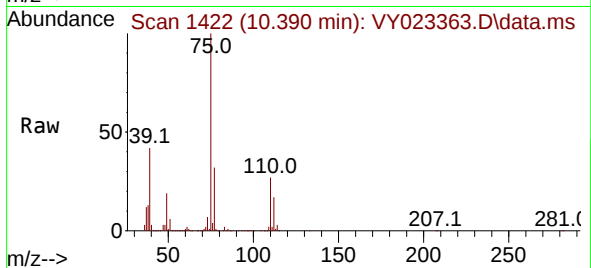




#53
t-1,3-Dichloropropene
Concen: 50.304 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

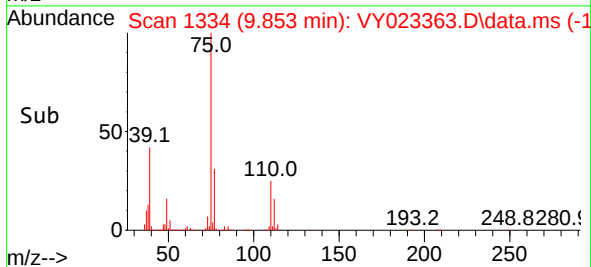
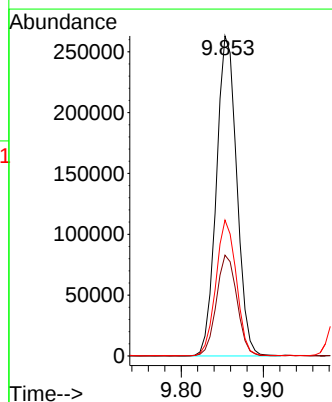
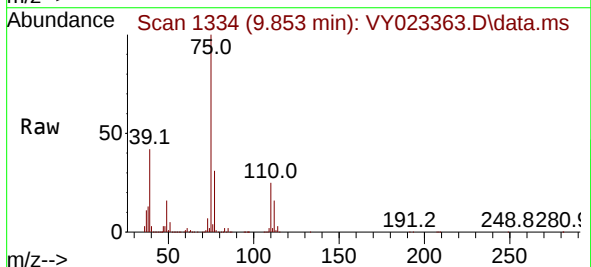
Instrument :
MSVOA_Y
ClientSampleId :

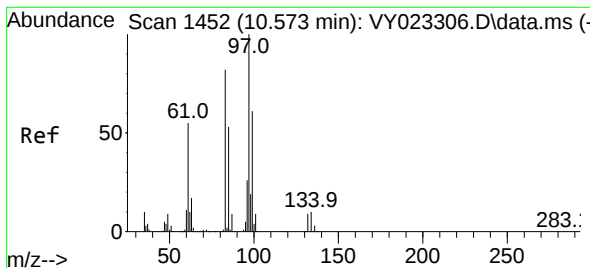
Tgt Ion: 75 Resp: 381213
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.090 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 75 Resp: 453573
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 42.4 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 47.569 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.006 min

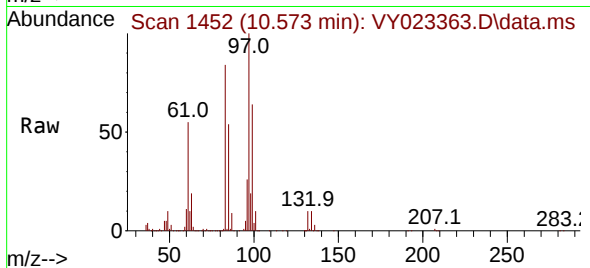
Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 221391

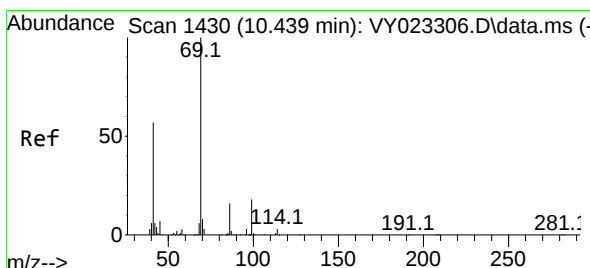
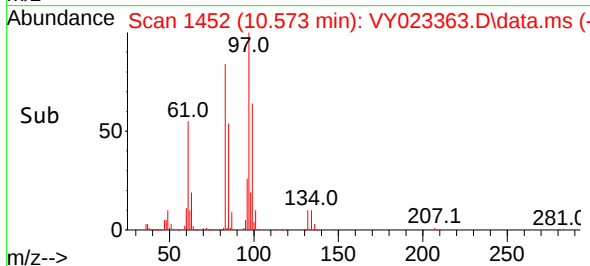
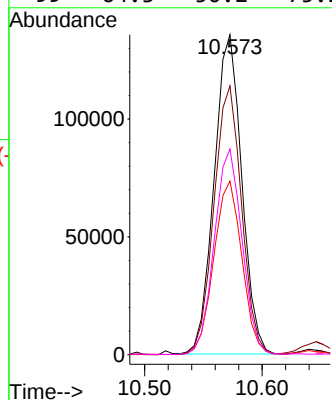
Ion Ratio Lower Upper

97 100

83 84.1 67.7 101.5

85 54.3 44.5 66.7

99 64.3 50.2 75.2



#56

Ethyl methacrylate

Concen: 51.410 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

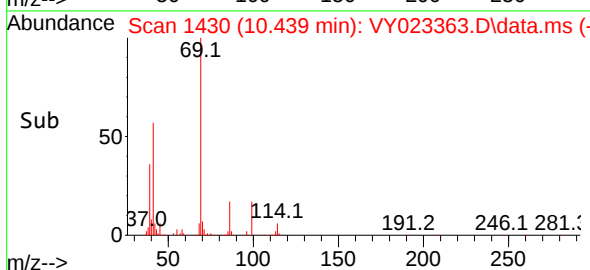
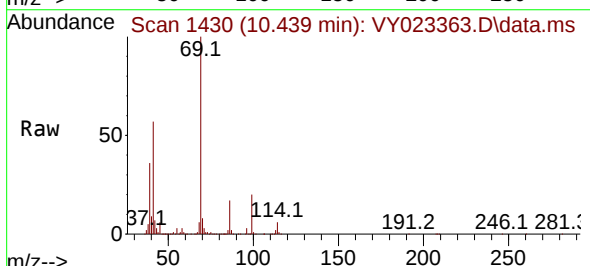
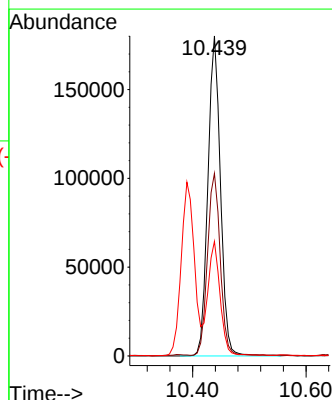
Tgt Ion: 69 Resp: 277203

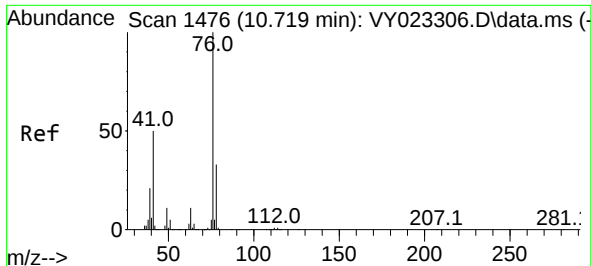
Ion Ratio Lower Upper

69 100

41 57.4 48.6 72.8

39 35.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 48.071 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

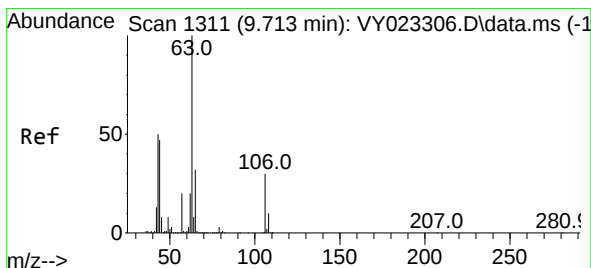
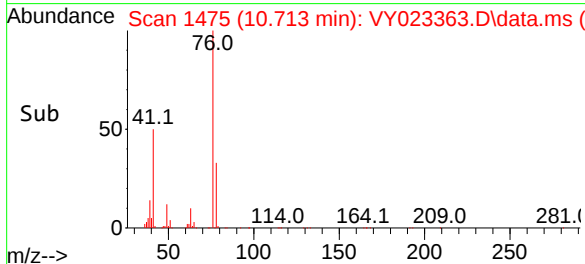
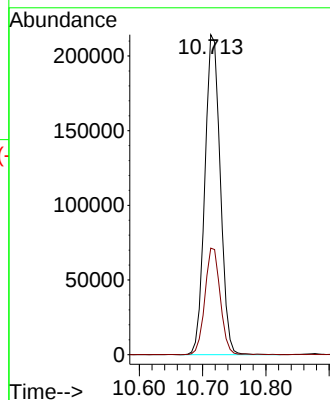
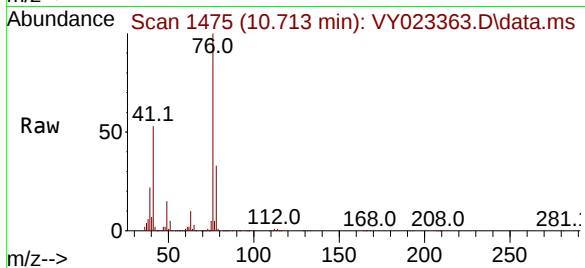
ClientSampleId :

Tgt Ion: 76 Resp: 363202

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 249.745 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023363.D

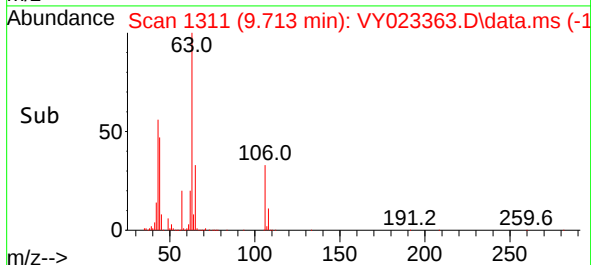
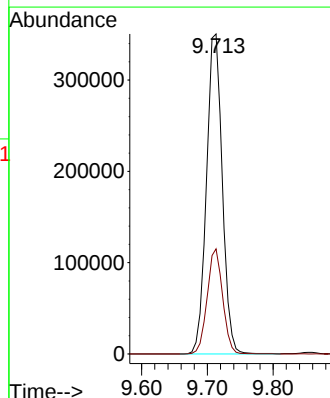
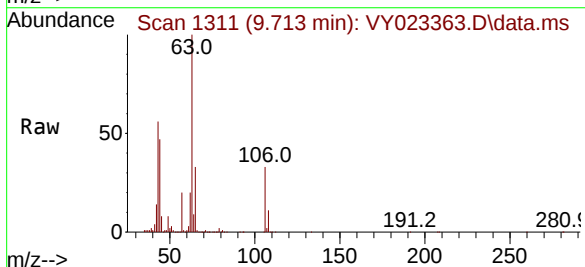
Acq: 25 Sep 2025 10:02

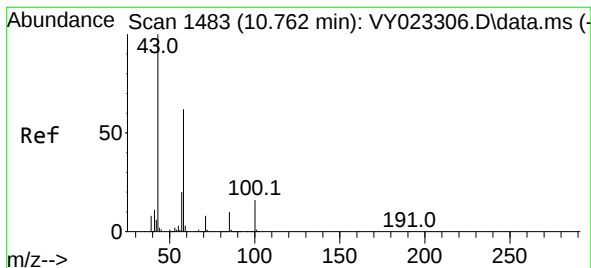
Tgt Ion: 63 Resp: 586918

Ion Ratio Lower Upper

63 100

106 32.1 23.2 34.8

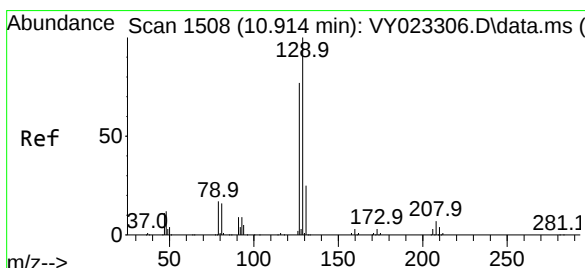
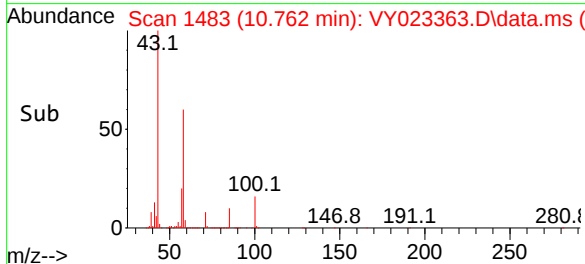
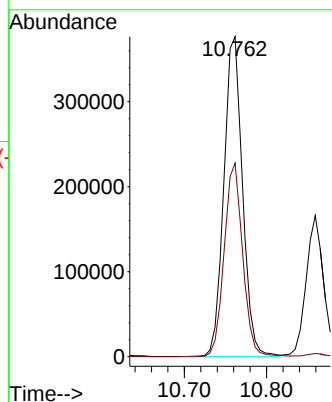
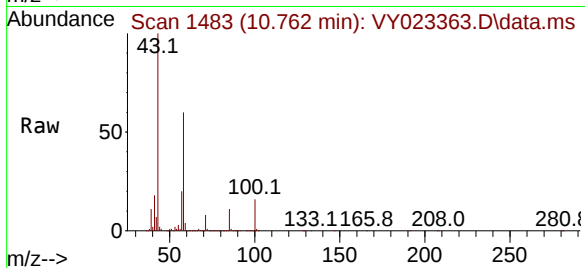




#59
2-Hexanone
Concen: 265.491 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

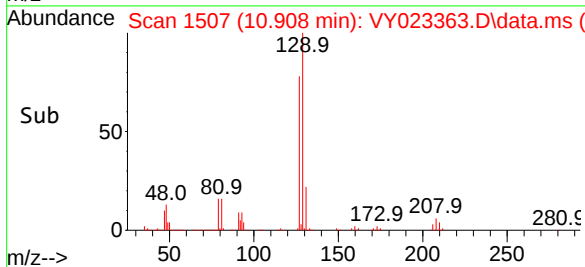
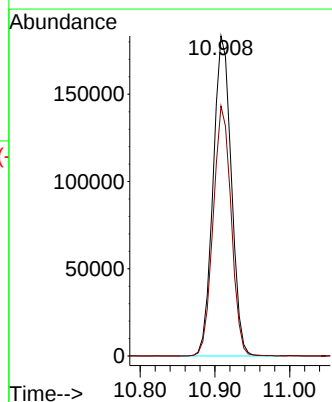
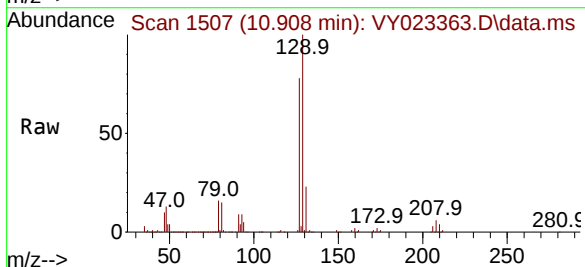
Instrument :
MSVOA_Y
ClientSampleId :

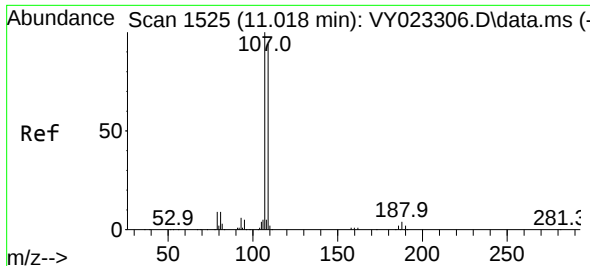
Tgt Ion: 43 Resp: 594562
Ion Ratio Lower Upper
43 100
58 60.0 29.5 88.5



#60
Dibromochloromethane
Concen: 49.019 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 129 Resp: 309540
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

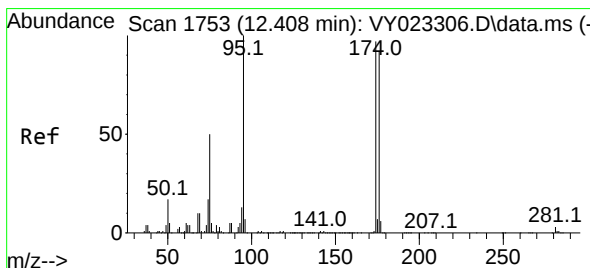
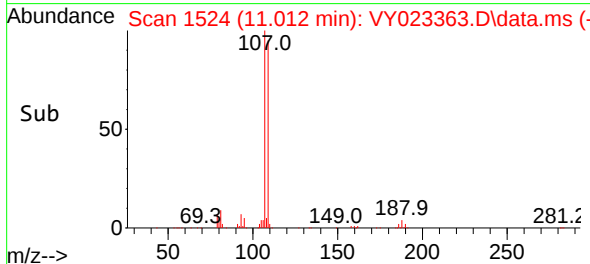
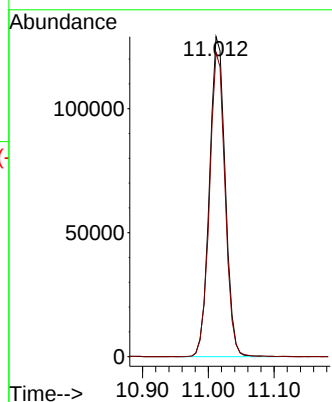
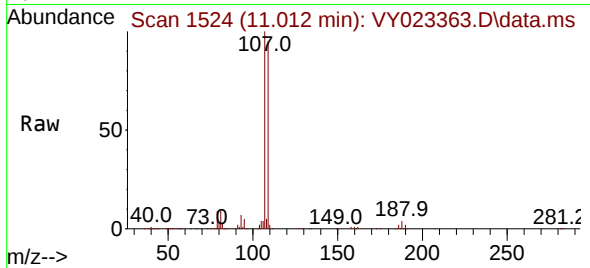




#61
1,2-Dibromoethane
Concen: 49.315 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

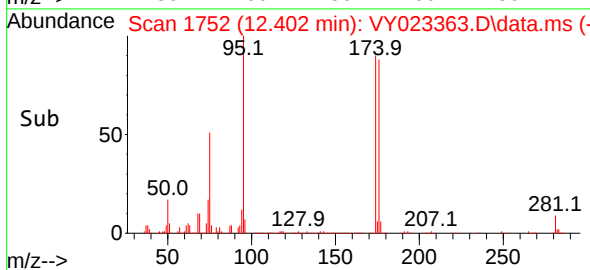
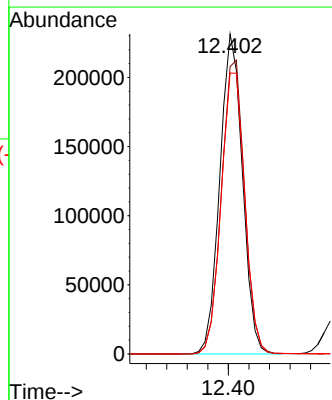
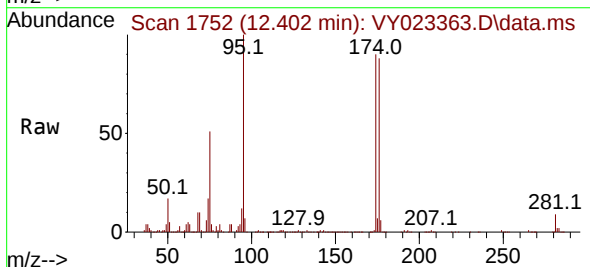
Instrument :
MSVOA_Y
ClientSampleId :

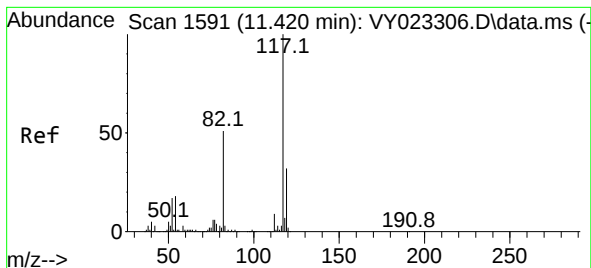
Tgt Ion:107 Resp: 215067
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.772 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 95 Resp: 353510
Ion Ratio Lower Upper
95 100
174 94.0 0.0 171.6
176 92.0 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: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

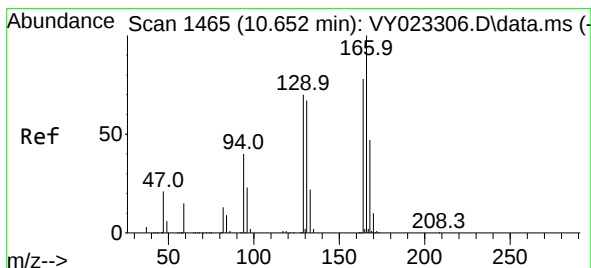
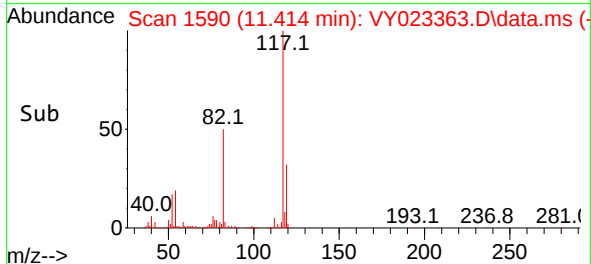
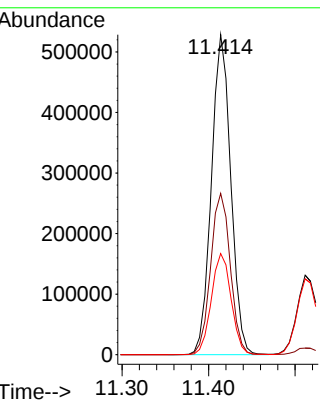
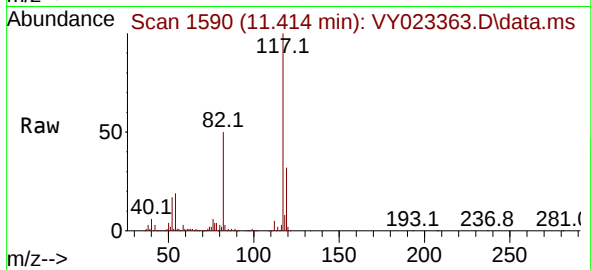
Tgt Ion:117 Resp: 821307

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 47.143 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Tgt Ion:164 Resp: 385894

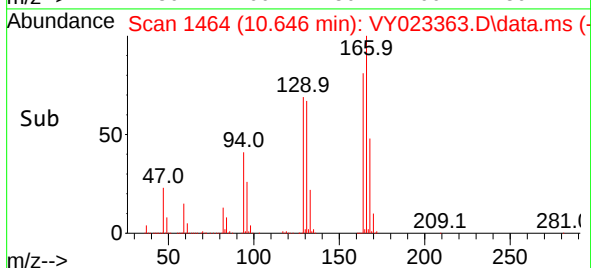
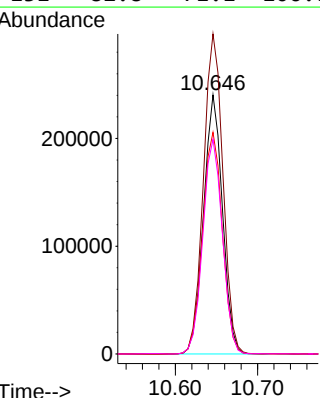
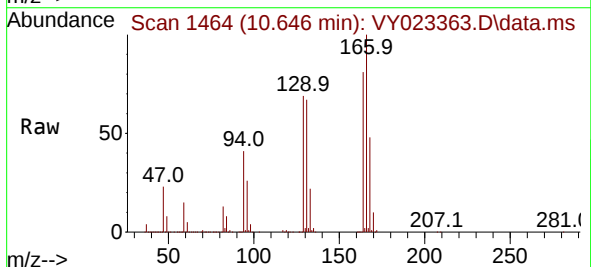
Ion Ratio Lower Upper

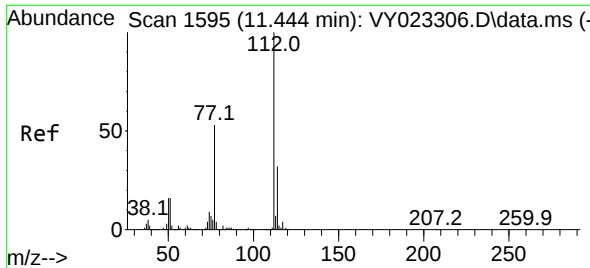
164 100

166 123.5 101.1 151.7

129 85.5 74.0 111.0

131 82.8 71.1 106.7

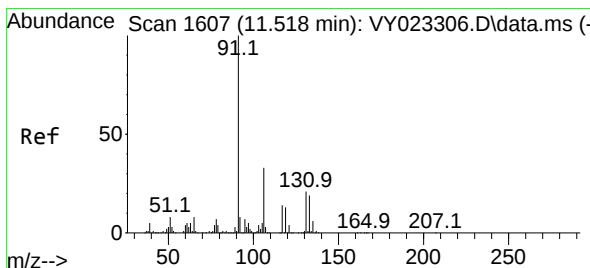
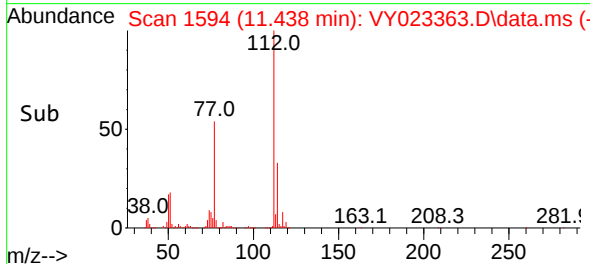
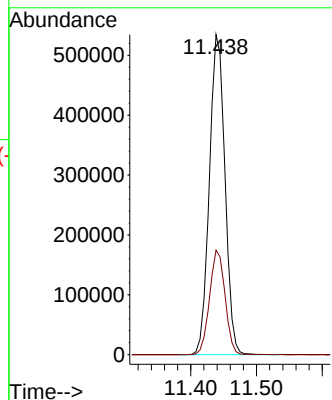
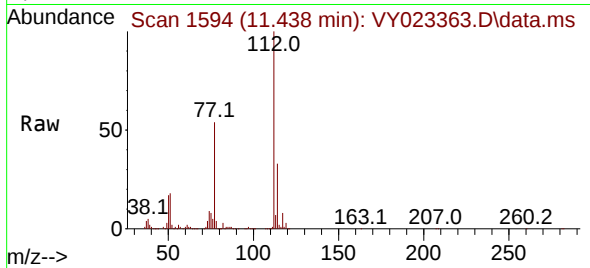




#65
Chlorobenzene
Concen: 48.977 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

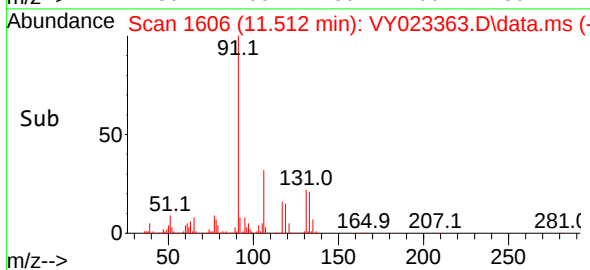
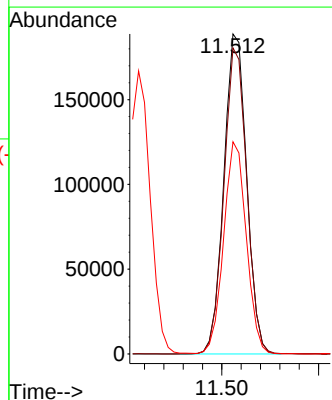
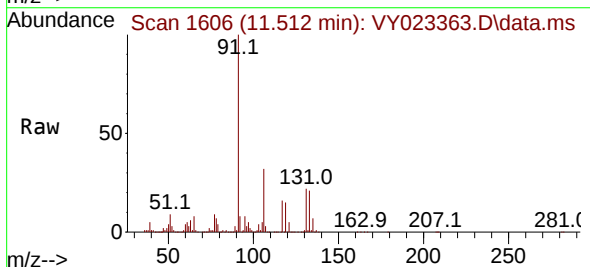
Instrument :
MSVOA_Y
ClientSampleId :

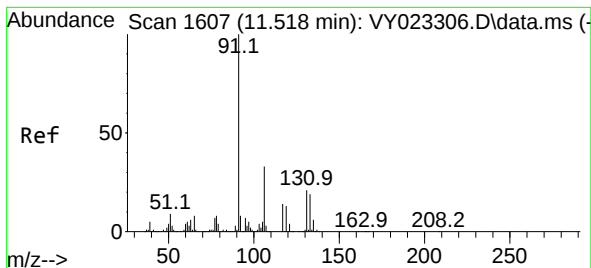
Tgt Ion:112 Resp: 881228
Ion Ratio Lower Upper
112 100
114 32.7 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.968 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion:131 Resp: 309255
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.6
119 65.9 33.2 99.6

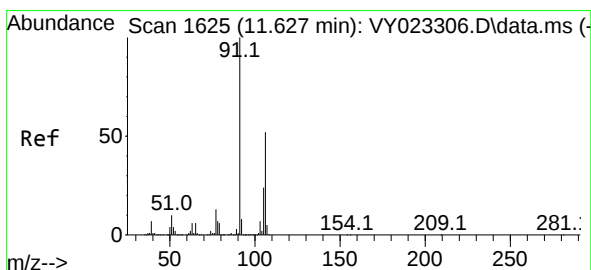
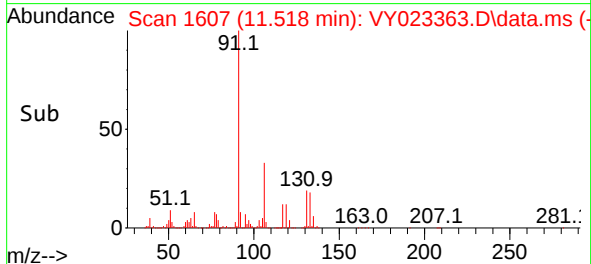
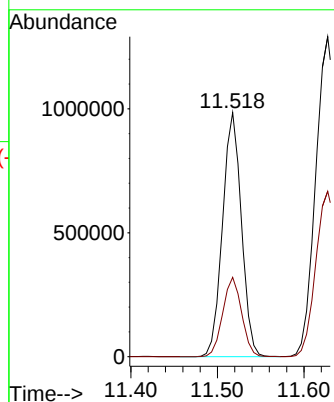
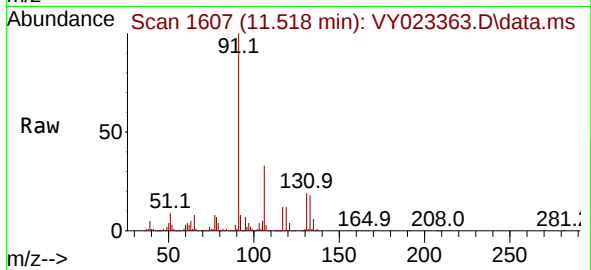




#67
Ethyl Benzene
Concen: 50.638 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

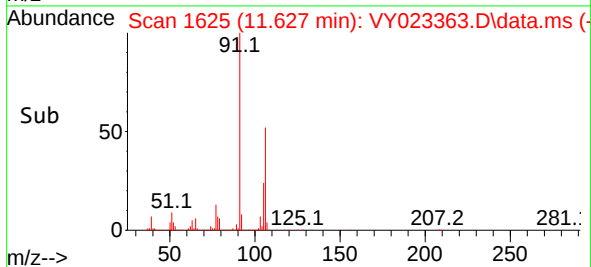
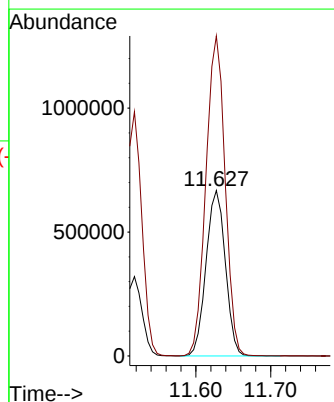
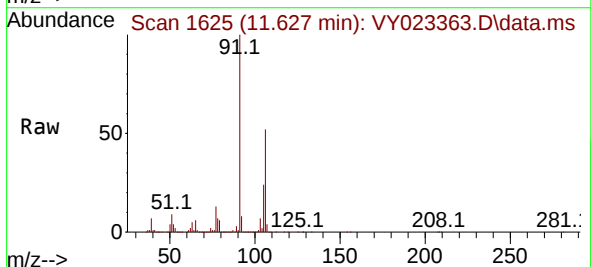
Instrument :
MSVOA_Y
ClientSampleId :

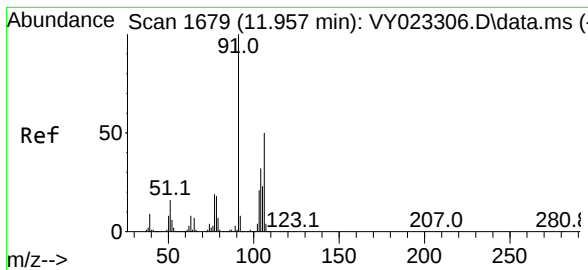
Tgt Ion: 91 Resp: 1488495
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4



#68
m/p-Xylenes
Concen: 101.469 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion:106 Resp: 1194332
Ion Ratio Lower Upper
106 100
91 192.3 158.6 238.0

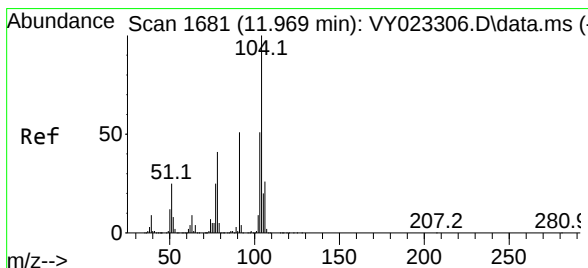
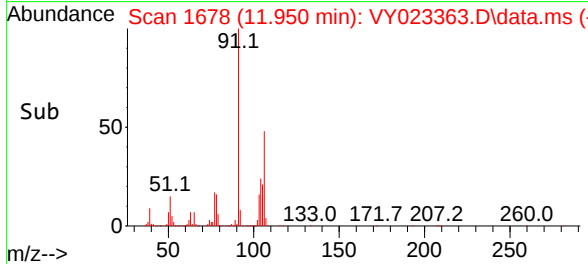
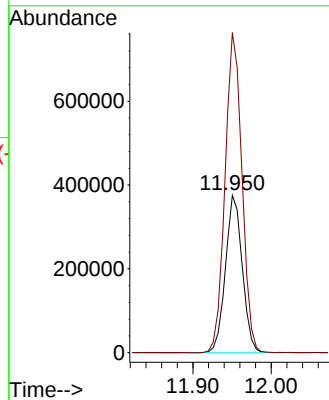
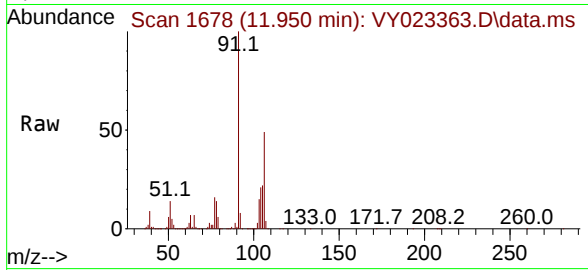




#69
o-Xylene
Concen: 51.473 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

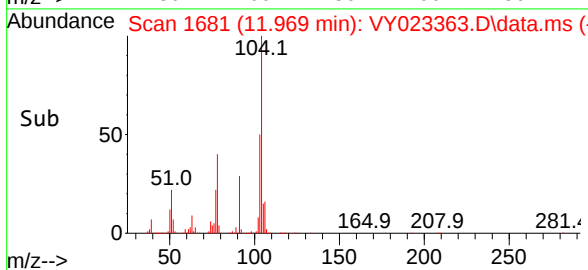
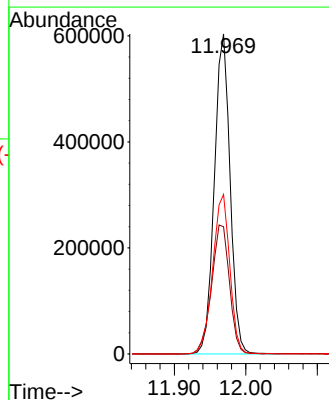
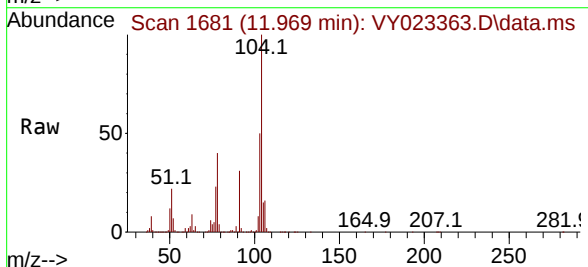
Instrument :
MSVOA_Y
ClientSampleId :

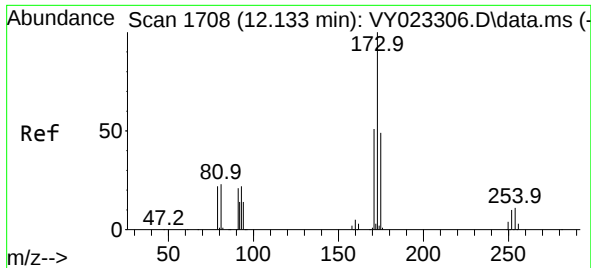
Tgt Ion:106 Resp: 560860
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.4



#70
Styrene
Concen: 51.173 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion:104 Resp: 924109
Ion Ratio Lower Upper
104 100
78 46.1 38.5 57.7
103 54.3 43.7 65.5

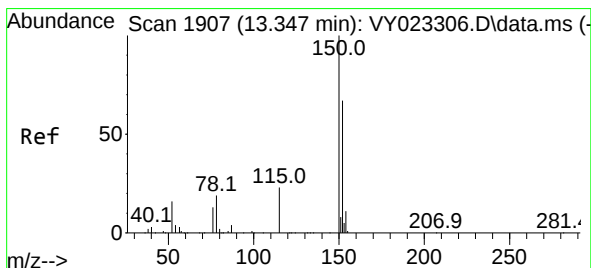
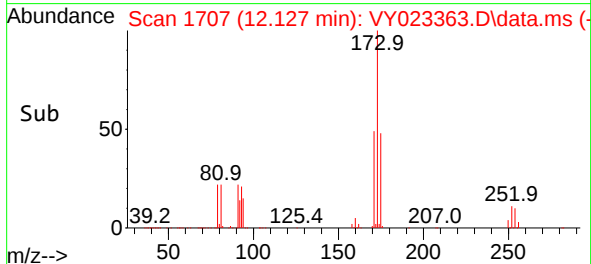
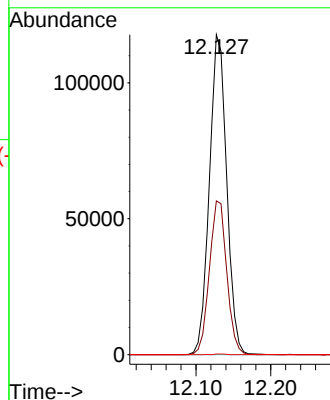
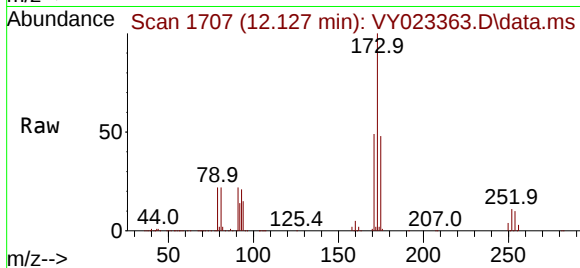




#71
Bromoform
Concen: 50.302 ug/l
RT: 12.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

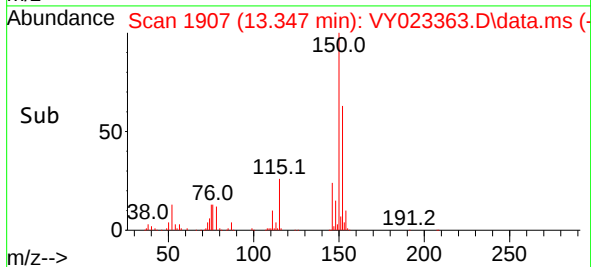
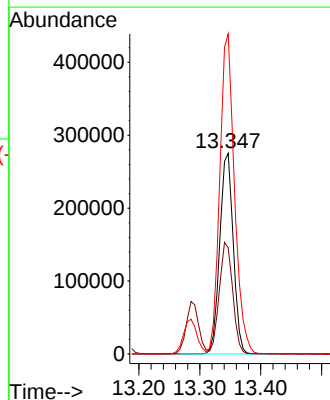
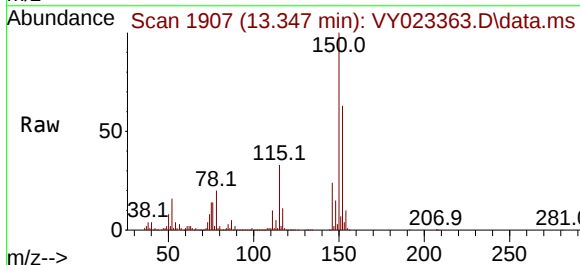
Instrument :
MSVOA_Y
ClientSampleId :

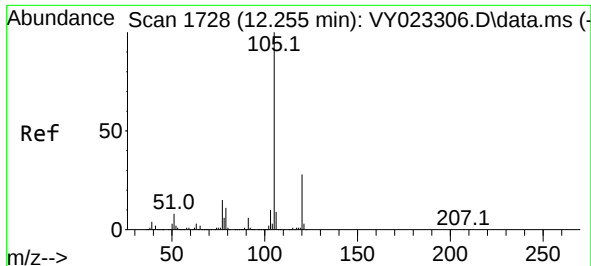
Tgt Ion:173 Resp: 189182
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion:152 Resp: 424523
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.6
150 173.8 0.0 348.0

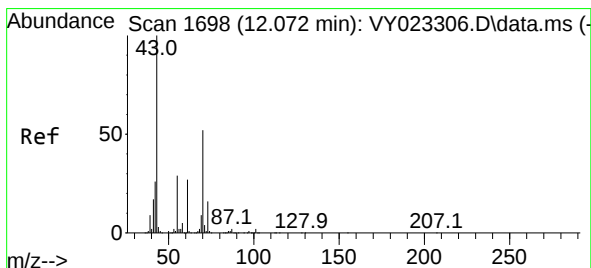
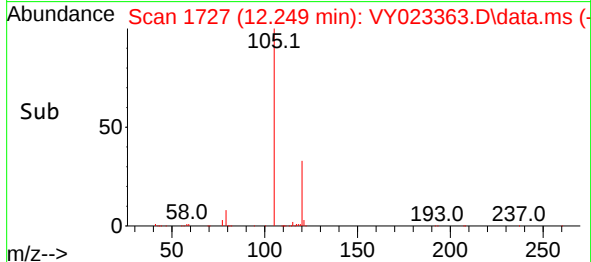
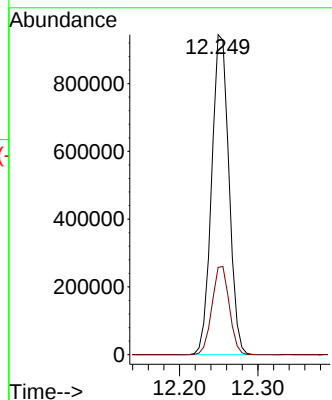
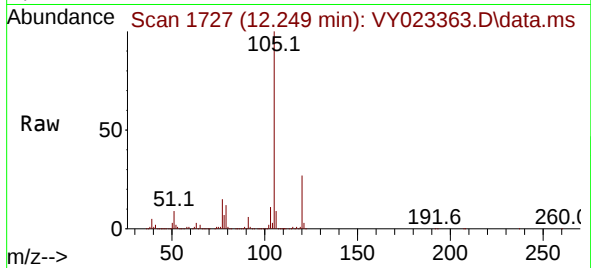




#73
Isopropylbenzene
Concen: 50.607 ug/l
RT: 12.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

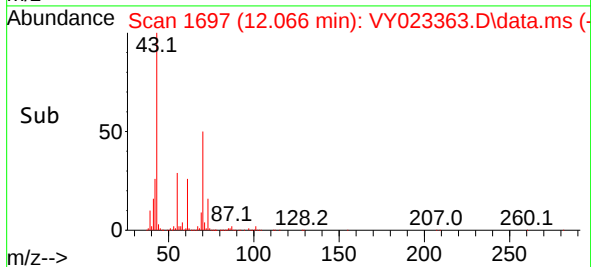
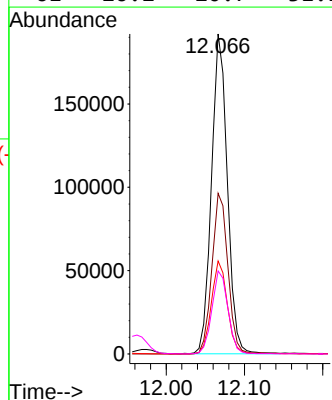
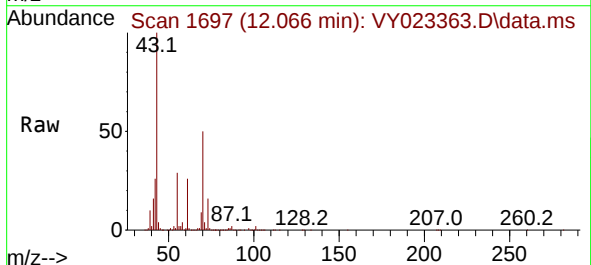
Instrument :
MSVOA_Y
ClientSampleId :

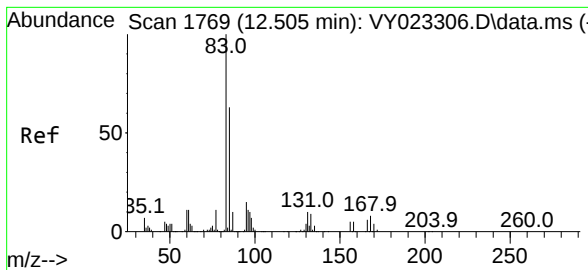
Tgt Ion:105 Resp: 1447151
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 49.826 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 43 Resp: 269321
Ion Ratio Lower Upper
43 100
70 50.8 37.5 56.3
55 29.4 20.7 31.1
61 26.2 20.7 31.1

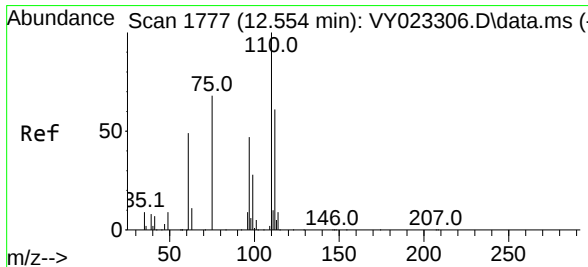
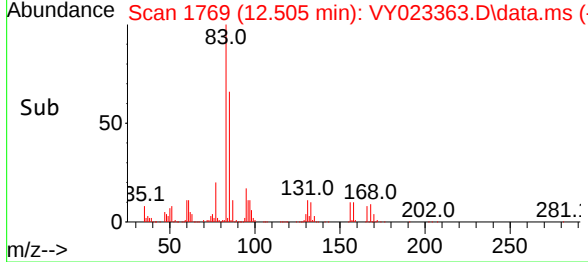
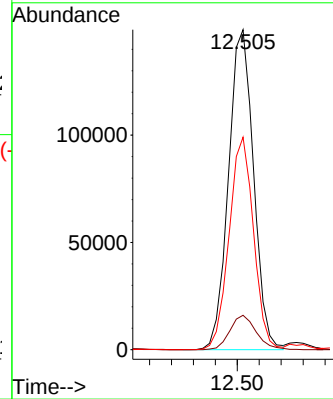
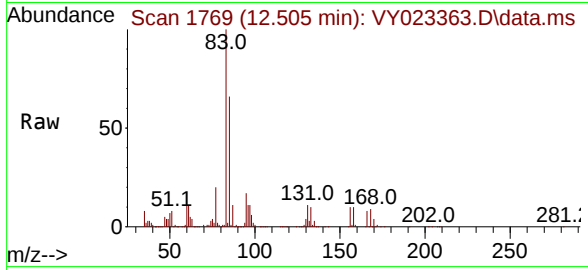




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.368 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

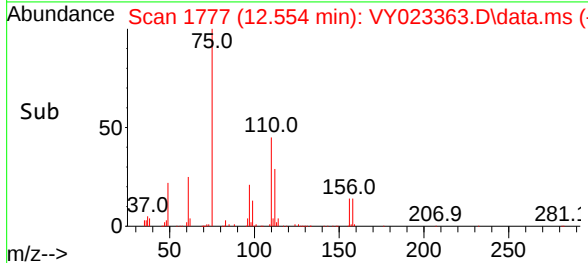
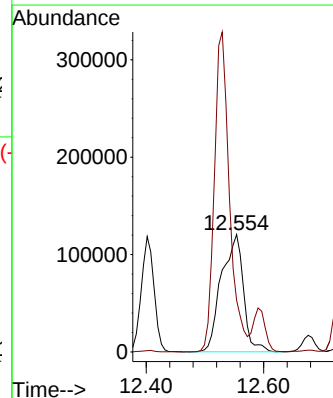
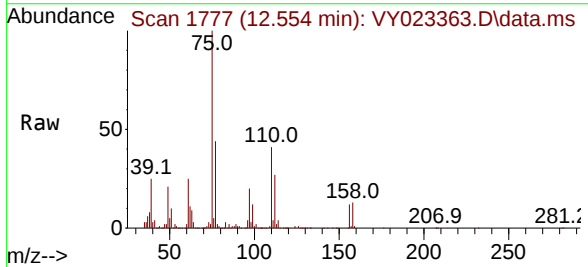
Instrument :
 MSVOA_Y
 ClientSampleId :

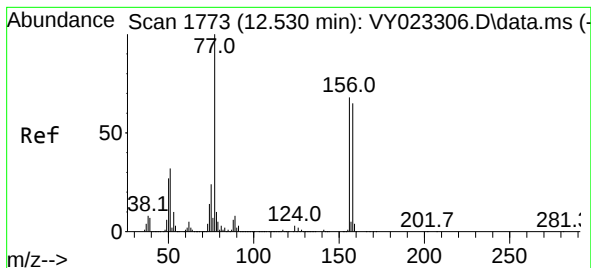
Tgt Ion: 83 Resp: 236928
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 64.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 73.066 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

Tgt Ion: 75 Resp: 314117
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.868 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

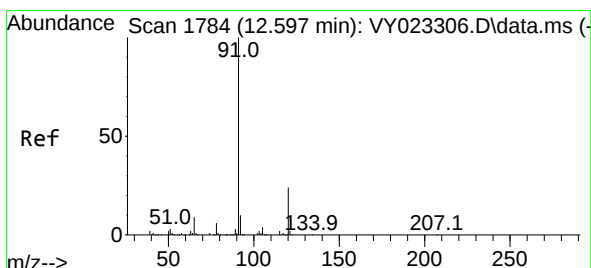
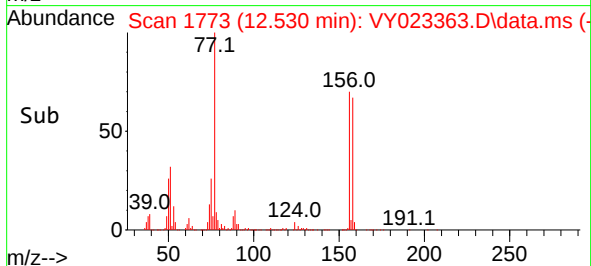
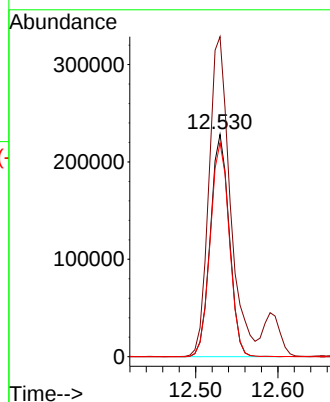
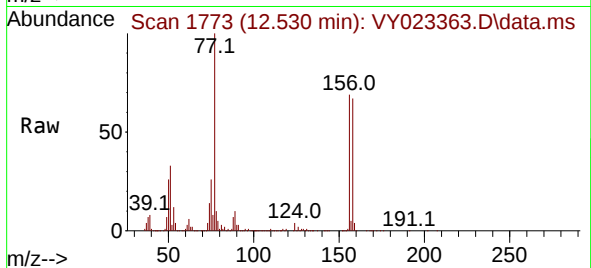
Tgt Ion:156 Resp: 364321

Ion Ratio Lower Upper

156 100

77 161.5 88.1 264.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.683 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023363.D

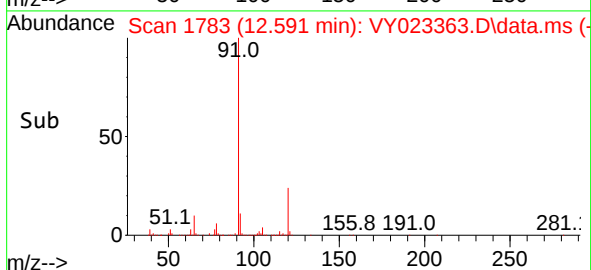
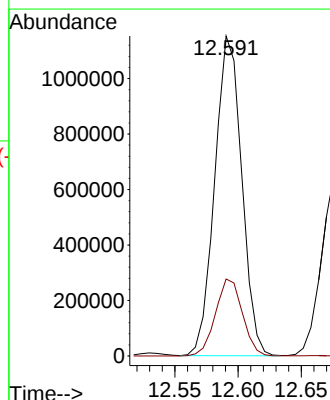
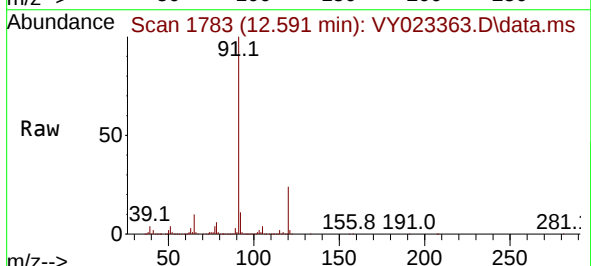
Acq: 25 Sep 2025 10:02

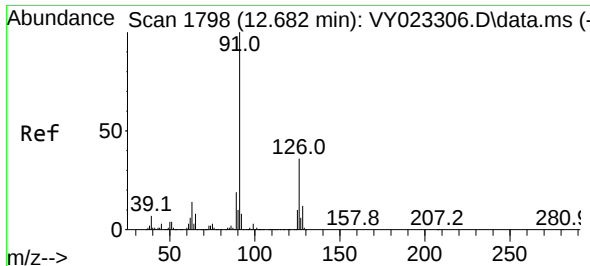
Tgt Ion: 91 Resp: 1708199

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.5

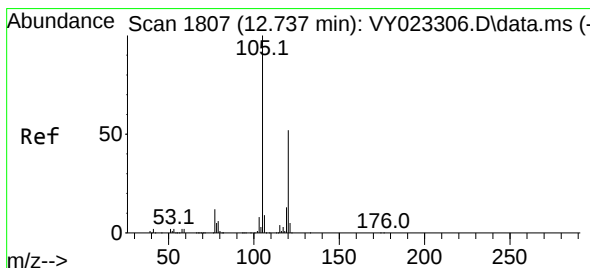
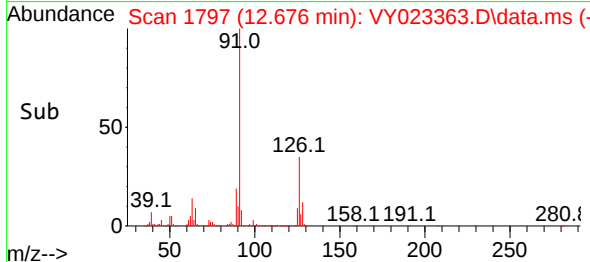
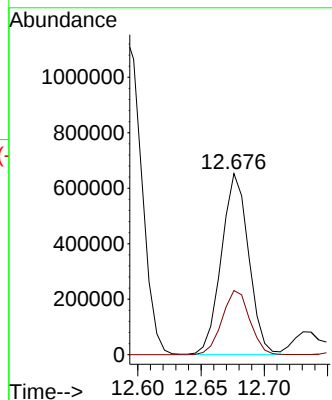
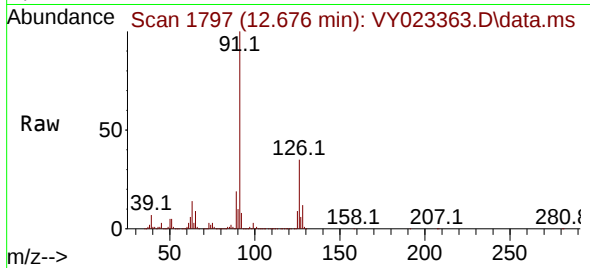




#79
2-Chlorotoluene
Concen: 50.421 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

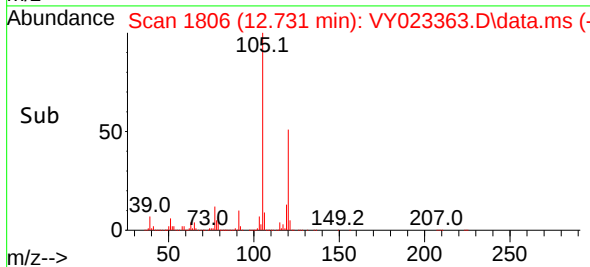
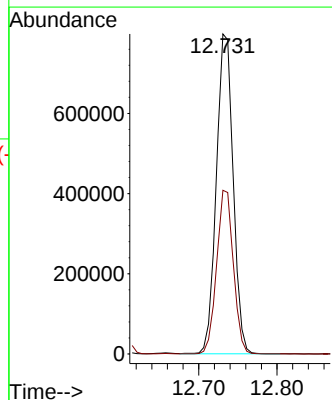
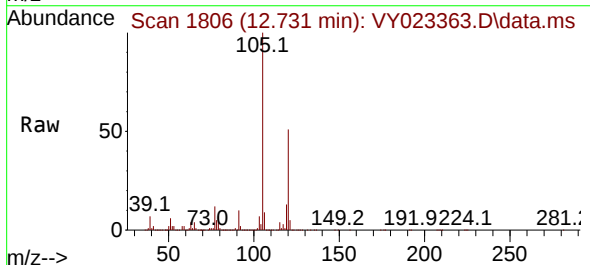
Instrument :
MSVOA_Y
ClientSampleId :

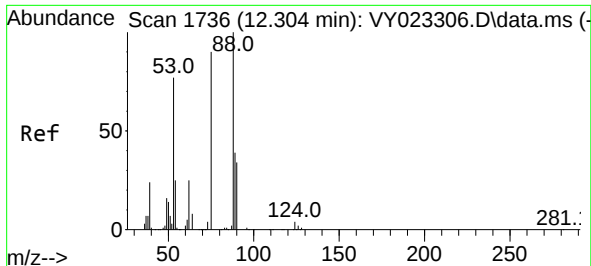
Tgt Ion: 91 Resp: 978791
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.280 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 105 Resp: 1192647
Ion Ratio Lower Upper
105 100
120 50.9 24.8 74.4

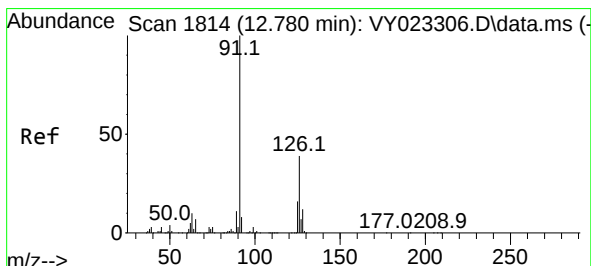
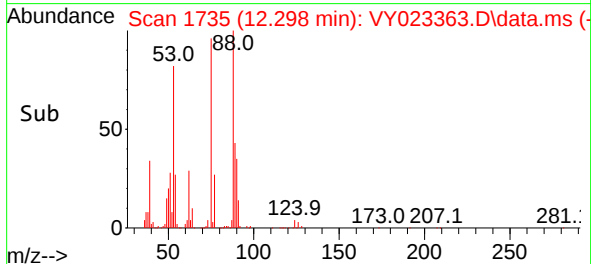
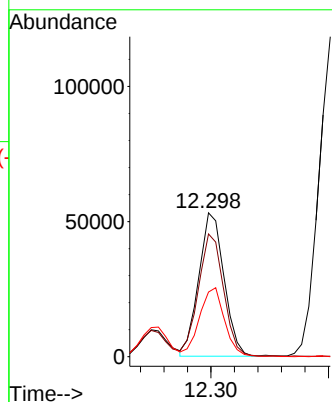
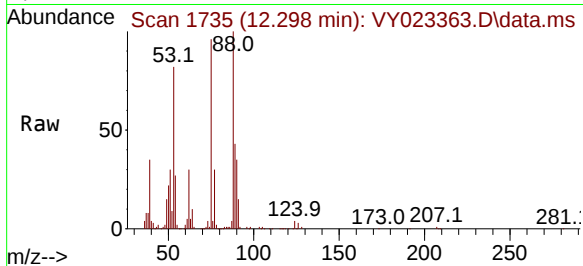




#81
trans-1,4-Dichloro-2-butene
Concen: 50.289 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

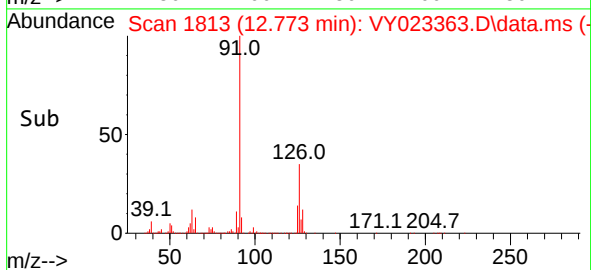
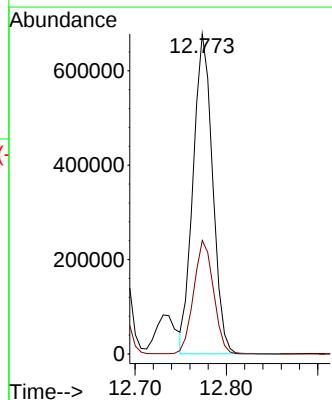
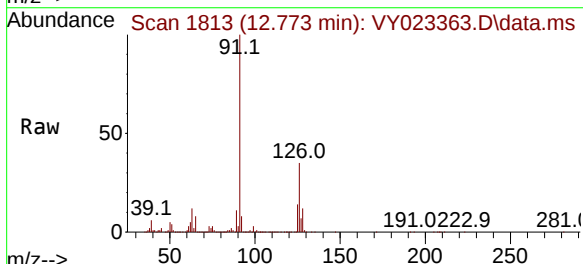
Instrument :
MSVOA_Y
ClientSampleId :

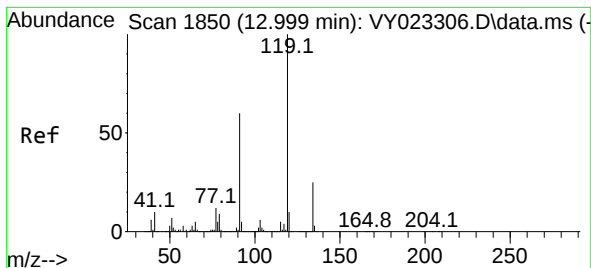
Tgt Ion: 75 Resp: 79277
Ion Ratio Lower Upper
75 100
53 85.4 70.8 106.2
89 48.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 49.261 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 91 Resp: 1000593
Ion Ratio Lower Upper
91 100
126 36.3 17.3 52.0





#83

tert-Butylbenzene

Concen: 51.142 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

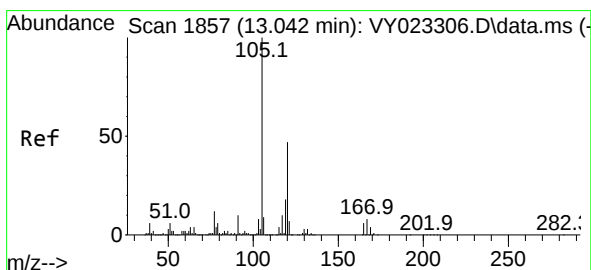
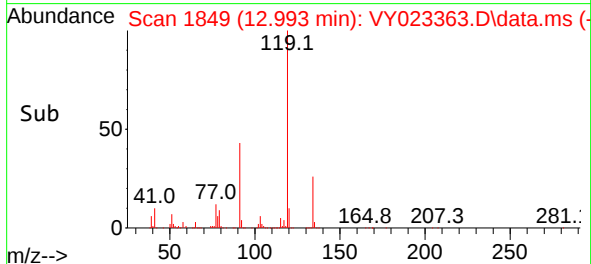
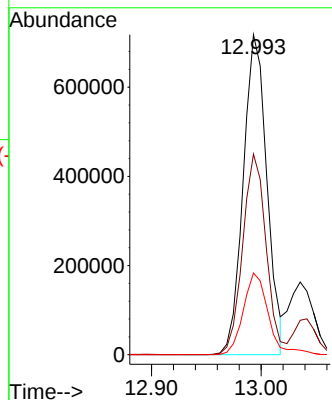
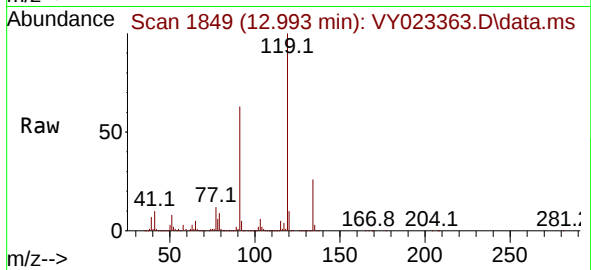
Tgt Ion:119 Resp: 1077272

Ion Ratio Lower Upper

119 100

91 62.1 31.6 94.8

134 27.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 51.473 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023363.D

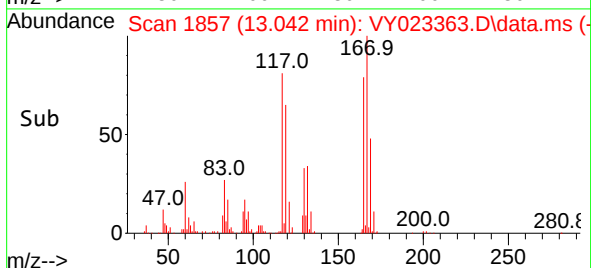
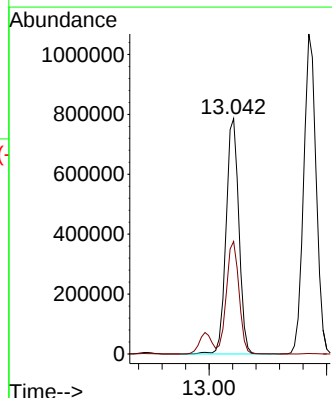
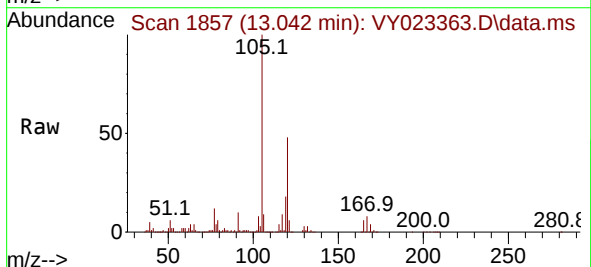
Acq: 25 Sep 2025 10:02

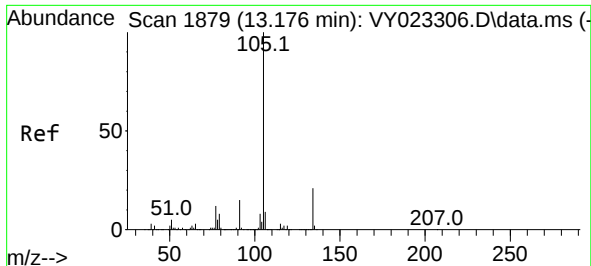
Tgt Ion:105 Resp: 1184295

Ion Ratio Lower Upper

105 100

120 47.2 23.0 69.0

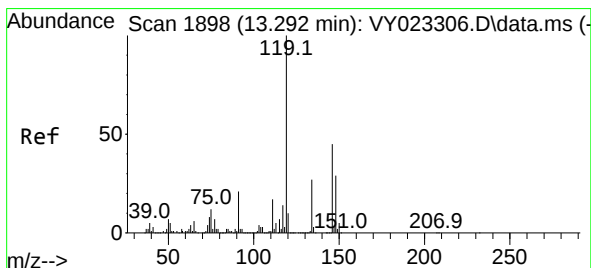
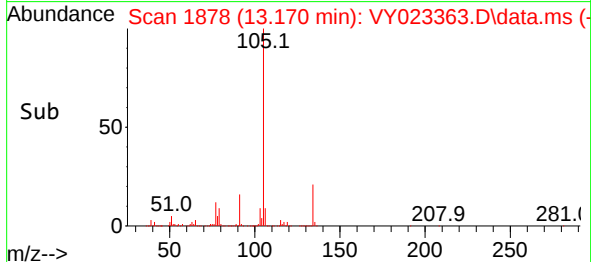
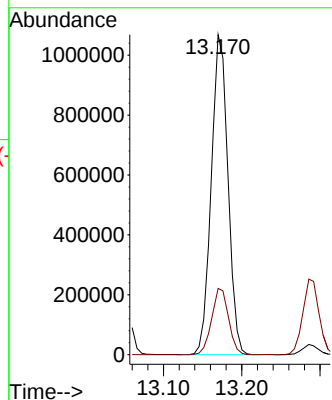
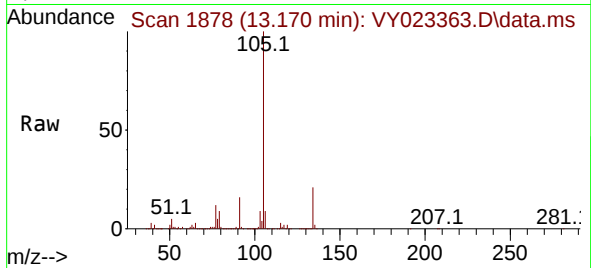




#85
 sec-Butylbenzene
 Concen: 51.457 ug/l
 RT: 13.170 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

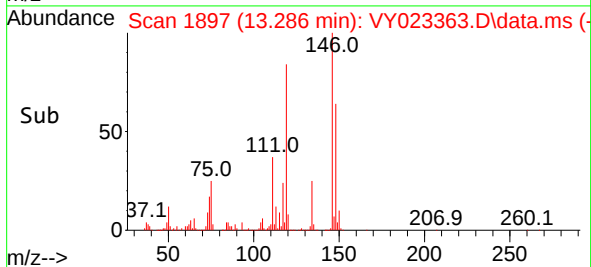
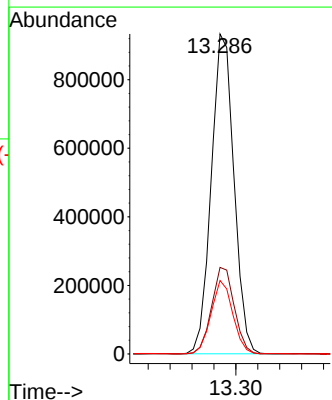
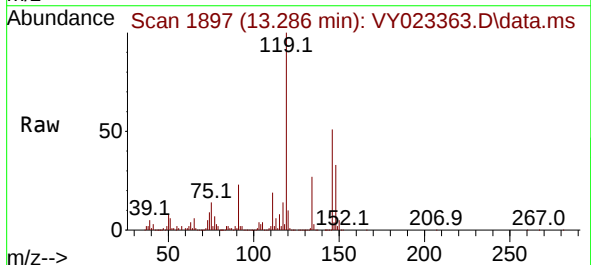
Instrument :
 MSVOA_Y
 ClientSampleId :

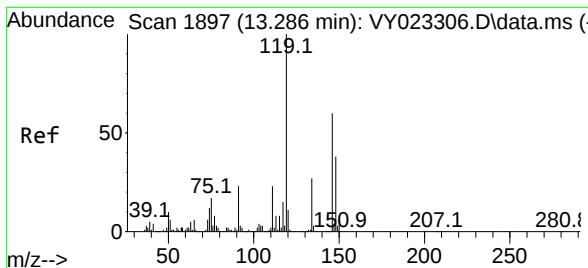
Tgt Ion:105 Resp: 1577053
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.763 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023363.D
 Acq: 25 Sep 2025 10:02

Tgt Ion:119 Resp: 1340078
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 22.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.541 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

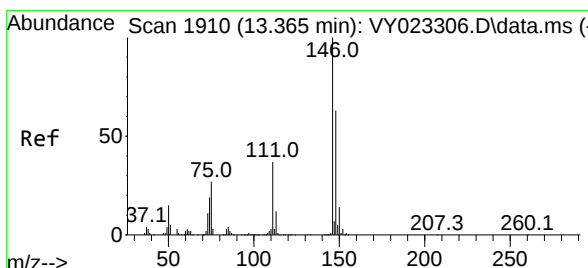
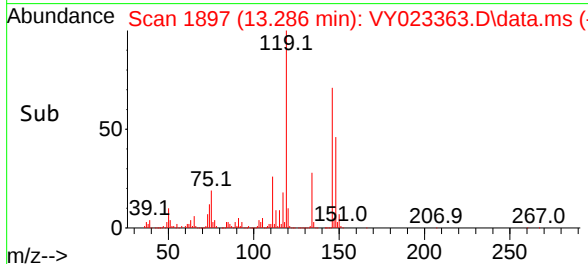
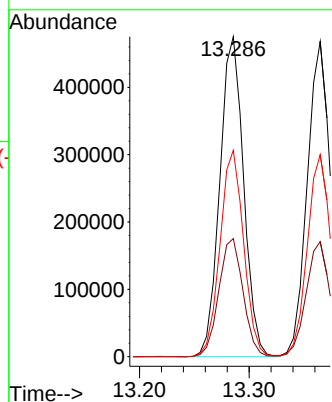
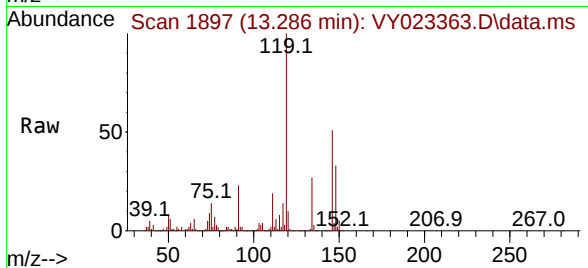
Tgt Ion:146 Resp: 716192

Ion Ratio Lower Upper

146 100

111 37.6 19.6 58.7

148 64.0 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 48.455 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

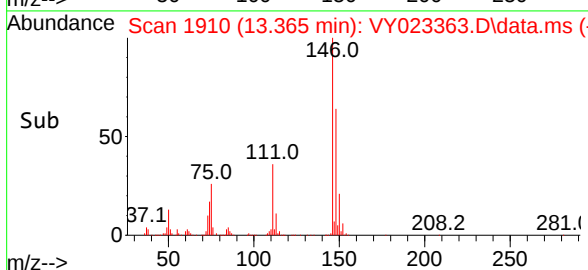
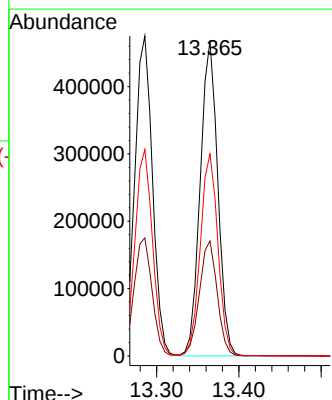
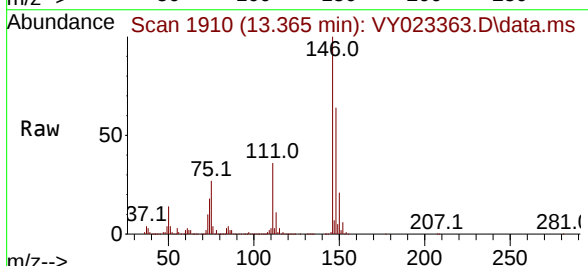
Tgt Ion:146 Resp: 693824

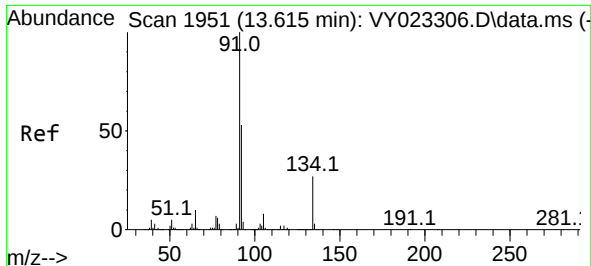
Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.1

148 64.4 31.6 94.7

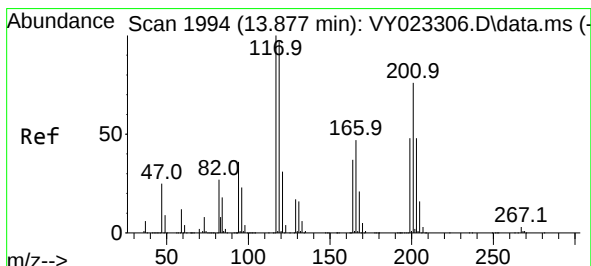
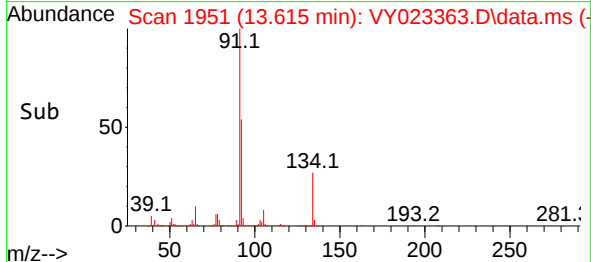
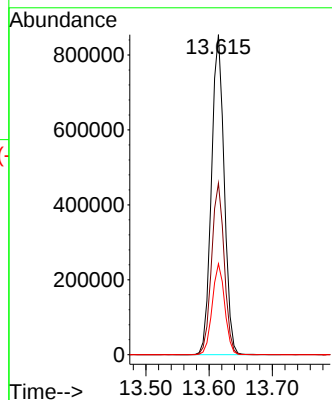
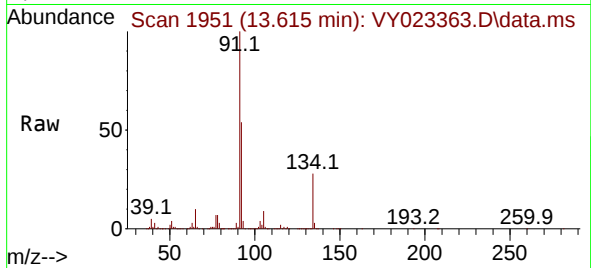




#89
n-Butylbenzene
Concen: 52.069 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

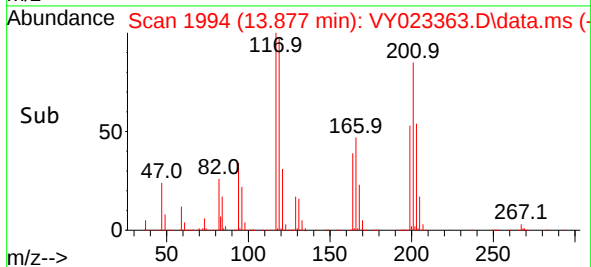
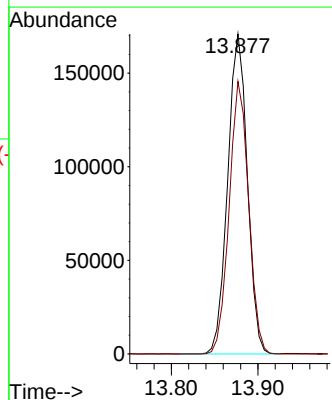
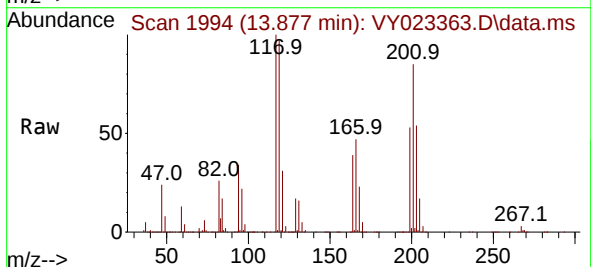
Instrument :
MSVOA_Y
ClientSampleId :

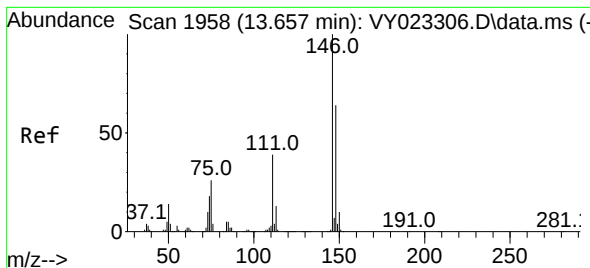
Tgt Ion: 91 Resp: 1195485
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.9 13.2 39.5



#90
Hexachloroethane
Concen: 48.010 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023363.D
Acq: 25 Sep 2025 10:02

Tgt Ion: 117 Resp: 269461
Ion Ratio Lower Upper
117 100
201 84.3 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 49.430 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

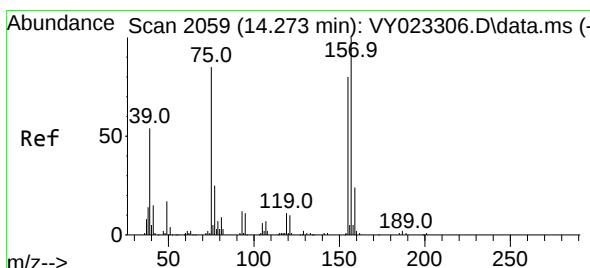
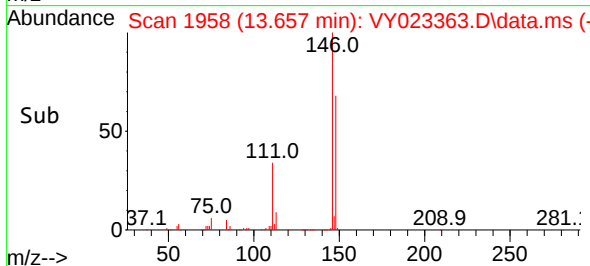
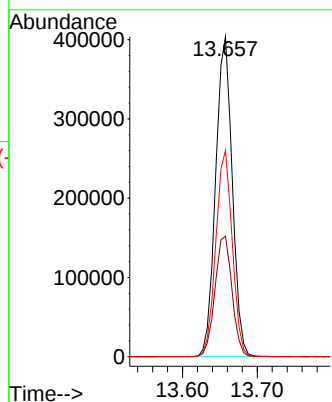
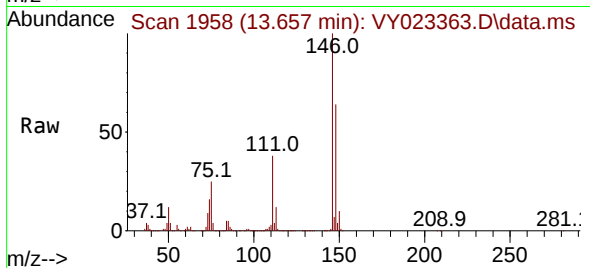
Tgt Ion:146 Resp: 623053

Ion Ratio Lower Upper

146 100

111 38.8 20.3 60.8

148 63.9 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.866 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

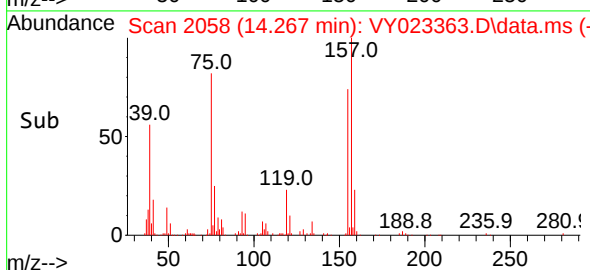
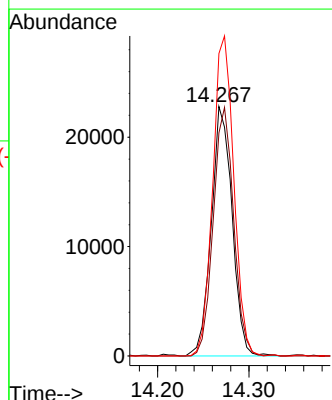
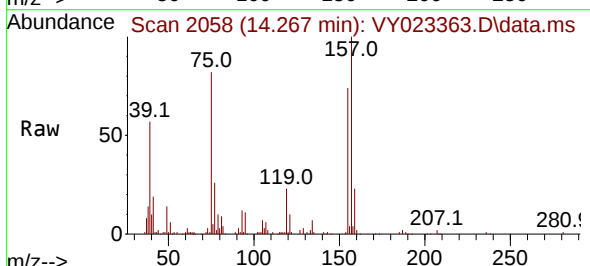
Tgt Ion: 75 Resp: 36045

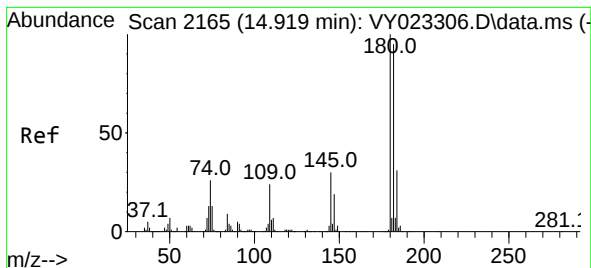
Ion Ratio Lower Upper

75 100

155 97.9 43.9 131.6

157 129.3 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 53.488 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

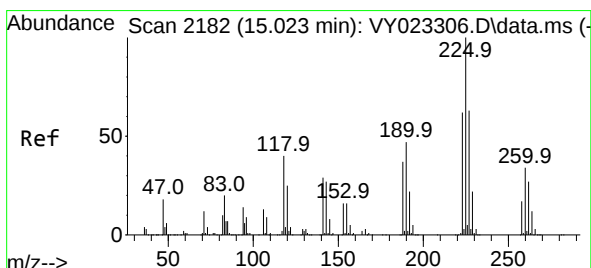
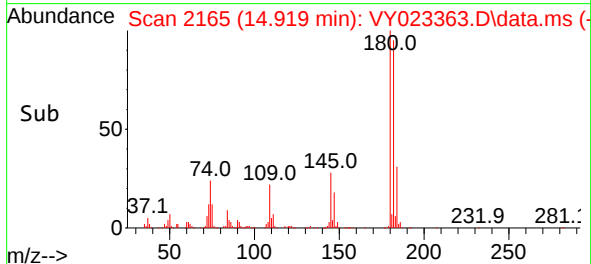
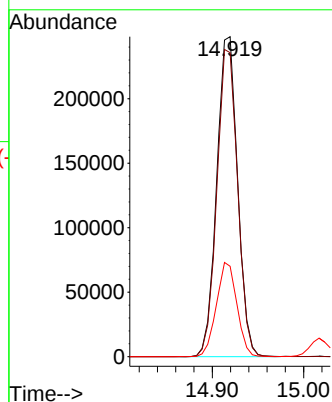
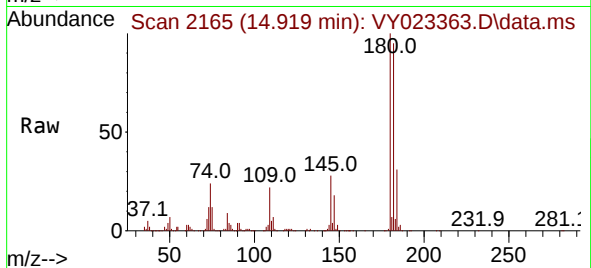
Tgt Ion:180 Resp: 393266

Ion Ratio Lower Upper

180 100

182 95.6 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 53.340 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

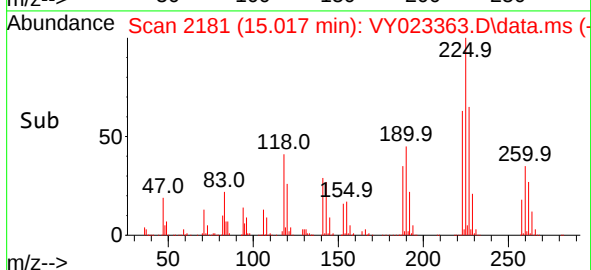
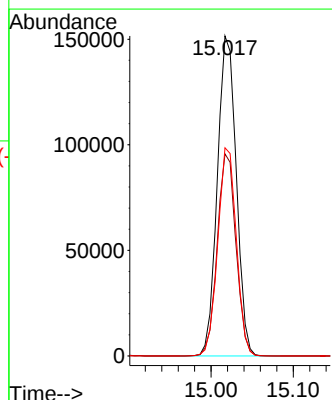
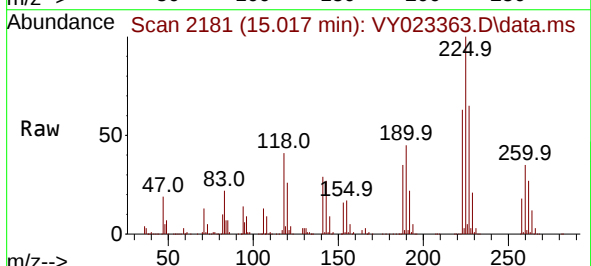
Tgt Ion:225 Resp: 242483

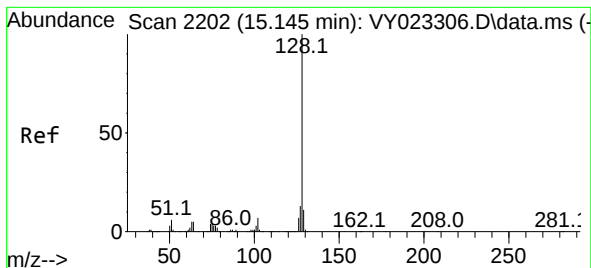
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.8

227 63.9 31.5 94.5





#95

Naphthalene

Concen: 54.621 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

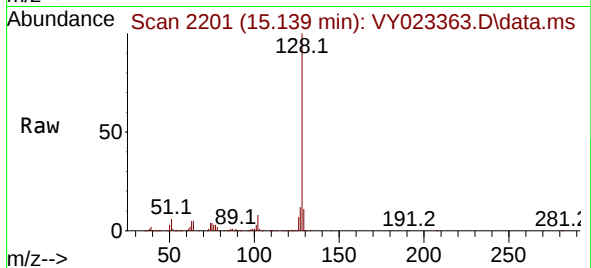
Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :



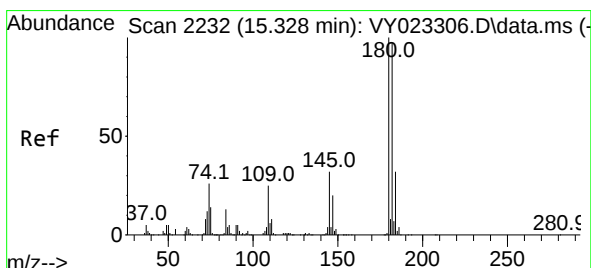
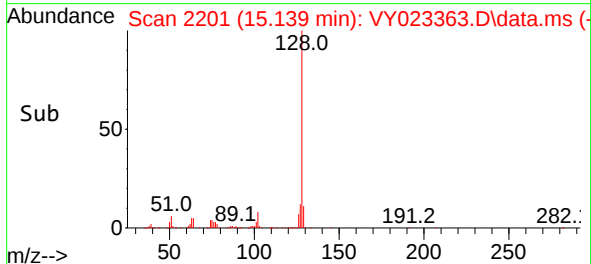
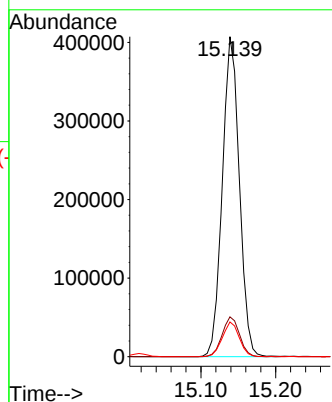
Tgt Ion:128 Resp: 645489

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 52.564 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023363.D

Acq: 25 Sep 2025 10:02

Tgt Ion:180 Resp: 335641

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 30.8 15.9 47.7

