

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023898.D
 Acq On : 09 Dec 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 02:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	539362	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	767358	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	656122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	330824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	226861	42.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.100%
35) Dibromofluoromethane	7.652	113	239660	48.695	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.400%
50) Toluene-d8	10.115	98	881945	46.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.100%
62) 4-Bromofluorobenzene	12.414	95	294495	45.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	199051	48.792	ug/l	99
3) Chloromethane	2.080	50	276263	47.472	ug/l	97
4) Vinyl Chloride	2.214	62	321733	48.467	ug/l	99
5) Bromomethane	2.610	94	275836	57.550	ug/l	99
6) Chloroethane	2.751	64	221768	49.276	ug/l	99
7) Trichlorofluoromethane	3.074	101	473369	51.001	ug/l	94
8) Diethyl Ether	3.470	74	135243	48.637	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.836	101	278265	50.038	ug/l	96
10) Methyl Iodide	4.025	142	359734	57.931	ug/l	98
11) Tert butyl alcohol	4.909	59	71807	181.677	ug/l #	88
12) 1,1-Dichloroethene	3.811	96	268060	51.590	ug/l	87
13) Acrolein	3.671	56	56430	167.525	ug/l	95
14) Allyl chloride	4.409	41	344947	41.523	ug/l	92
15) Acrylonitrile	5.080	53	265323	219.233	ug/l	99
16) Acetone	3.891	43	376662	232.968	ug/l	95
17) Carbon Disulfide	4.128	76	781847	50.928	ug/l	100
18) Methyl Acetate	4.403	43	117761	42.941	ug/l	93
19) Methyl tert-butyl Ether	5.141	73	660864	50.633	ug/l	95
20) Methylene Chloride	4.635	84	283030	48.546	ug/l	92
21) trans-1,2-Dichloroethene	5.134	96	297688	51.927	ug/l	88
22) Diisopropyl ether	6.037	45	784648	42.897	ug/l #	93
23) Vinyl Acetate	5.982	43	2221462	219.095	ug/l #	94
24) 1,1-Dichloroethane	5.939	63	477525	45.183	ug/l	97
25) 2-Butanone	6.915	43	408827	209.757	ug/l #	89
26) 2,2-Dichloropropane	6.909	77	449823	46.439	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	338328	50.824	ug/l	91
28) Bromochloromethane	7.262	49	166242	41.168	ug/l #	76
29) Tetrahydrofuran	7.280	42	211398	209.723	ug/l	89
30) Chloroform	7.439	83	518364	48.538	ug/l	99
31) Cyclohexane	7.719	56	431704	42.722	ug/l	90
32) 1,1,1-Trichloroethane	7.634	97	484866	50.295	ug/l	98
36) 1,1-Dichloropropene	7.853	75	377117	51.965	ug/l	97
37) Ethyl Acetate	7.000	43	152375	45.470	ug/l	96
38) Carbon Tetrachloride	7.835	117	452477	56.493	ug/l	99
39) Methylcyclohexane	9.122	83	515286	54.548	ug/l	95
40) Benzene	8.097	78	1135521	51.766	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	74064	42.875	ug/l #	91
42) 1,2-Dichloroethane	8.170	62	294775	51.498	ug/l	98
43) Isopropyl Acetate	8.213	43	291116	46.430	ug/l	96
44) Trichloroethene	8.878	130	329088	58.306	ug/l	96
45) 1,2-Dichloropropane	9.152	63	252496	48.615	ug/l	99
46) Dibromomethane	9.243	93	153844	54.712	ug/l	92
47) Bromodichloromethane	9.432	83	393284	53.014	ug/l	98
48) Methyl methacrylate	9.231	41	142108	48.515	ug/l	90
49) 1,4-Dioxane	9.250	88	31086	994.262	ug/l #	96
51) 4-Methyl-2-Pentanone	10.012	43	786717	238.618	ug/l	96
52) Toluene	10.182	92	750359	54.625	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	356260	53.209	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	415056	52.642	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	208921	55.042	ug/l	95
56) Ethyl methacrylate	10.451	69	262112	47.525	ug/l	94
57) 1,3-Dichloropropane	10.725	76	340016	52.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	523783	219.295	ug/l	93
59) 2-Hexanone	10.768	43	606387	243.864	ug/l	95
60) Dibromochloromethane	10.920	129	289832	56.945	ug/l	98
61) 1,2-Dibromoethane	11.024	107	195760	56.591	ug/l	98
64) Tetrachloroethene	10.658	164	390281	60.784	ug/l	97
65) Chlorobenzene	11.450	112	831929	55.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	292783	57.301	ug/l	99
67) Ethyl Benzene	11.530	91	1417221	54.740	ug/l	98
68) m/p-Xylenes	11.639	106	1123033	113.488	ug/l	95
69) o-Xylene	11.962	106	528655	57.117	ug/l	96
70) Styrene	11.975	104	854570	56.010	ug/l	98
71) Bromoform	12.139	173	176275	61.057	ug/l #	100
73) Isopropylbenzene	12.261	105	1377460	56.513	ug/l	98
74) N-amyl acetate	12.078	43	248108	46.968	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	208142	52.928	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	285946	87.187	ug/l #	100
77) Bromobenzene	12.542	156	338282	59.759	ug/l	89
78) n-propylbenzene	12.603	91	1579157	53.691	ug/l	97
79) 2-Chlorotoluene	12.688	91	888309	53.180	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	1102395	55.663	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	71514	52.225	ug/l	98
82) 4-Chlorotoluene	12.785	91	921212	53.195	ug/l	96
83) tert-Butylbenzene	13.005	119	1005343	56.307	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1081122	55.103	ug/l	96
85) sec-Butylbenzene	13.182	105	1436764	54.096	ug/l	97
86) p-Isopropyltoluene	13.298	119	1227881	55.836	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	635110	55.689	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	624572	55.843	ug/l	98
89) n-Butylbenzene	13.621	91	1059026	52.031	ug/l	98
90) Hexachloroethane	13.889	117	244002	52.890	ug/l	90
91) 1,2-Dichlorobenzene	13.663	146	551267	55.574	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31418	50.811	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	321491	54.665	ug/l	99
94) Hexachlorobutadiene	15.029	225	204538	55.433	ug/l	98
95) Naphthalene	15.151	128	516524	53.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	267239	53.249	ug/l	99

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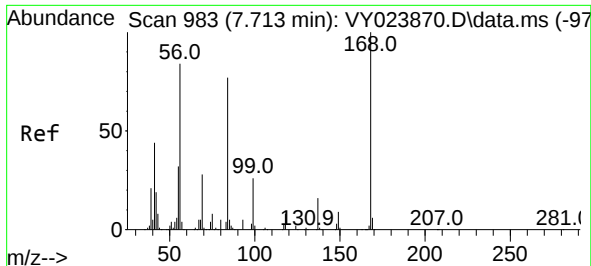
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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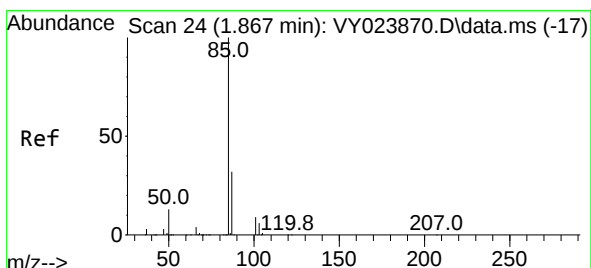
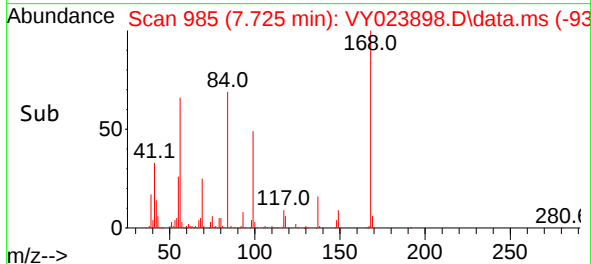
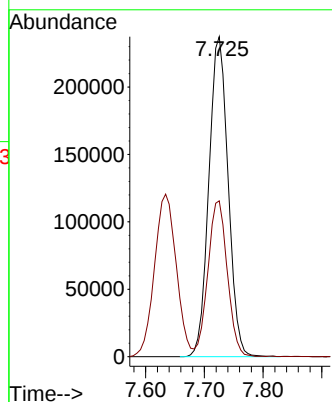
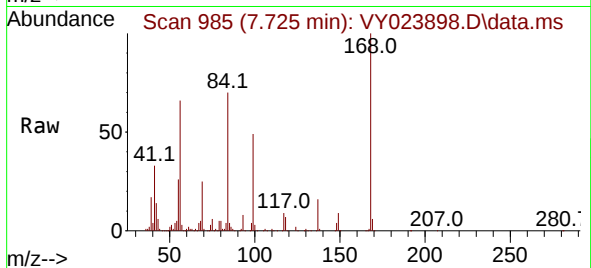




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023898.D
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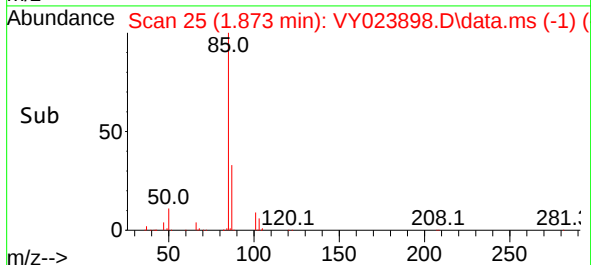
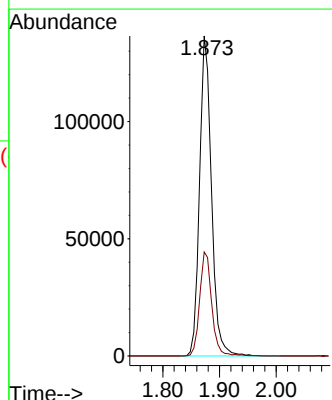
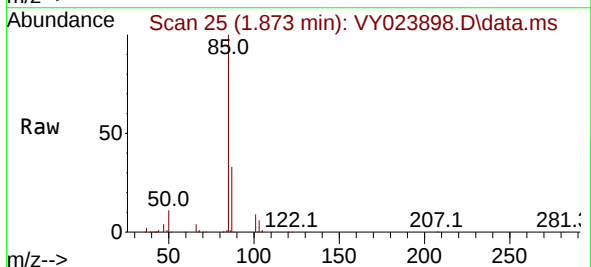
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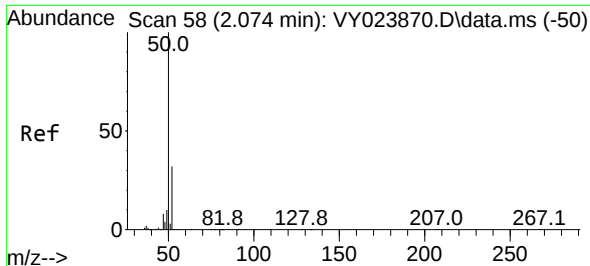
Tgt Ion:168 Resp: 539362
Ion Ratio Lower Upper
168 100
99 48.6 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 48.792 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 85 Resp: 199051
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.6

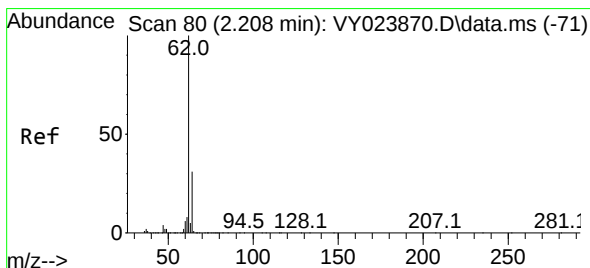
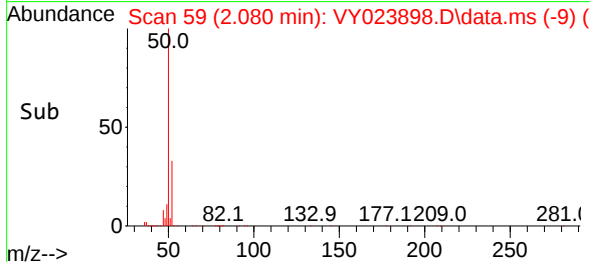
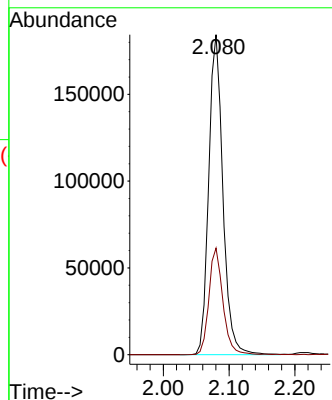
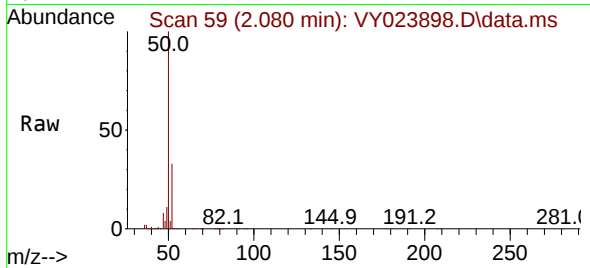




#3
Chloromethane
Concen: 47.472 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

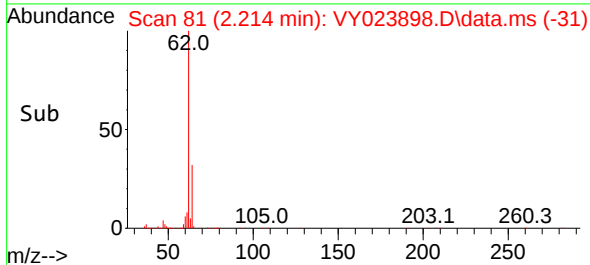
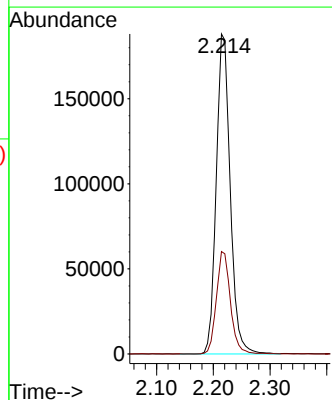
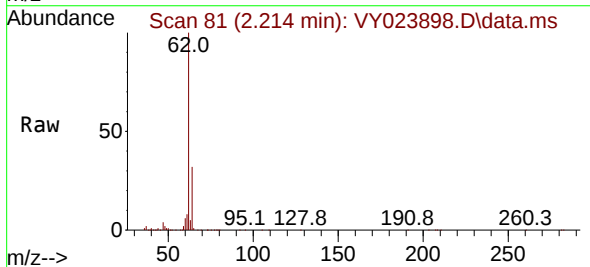
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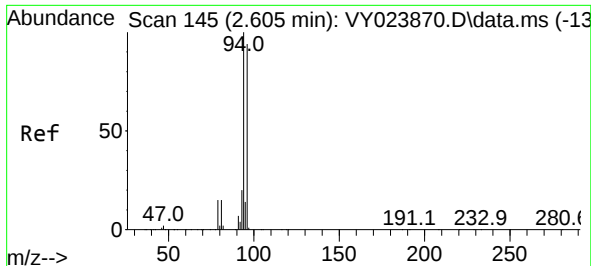
Tgt Ion: 50 Resp: 276263
Ion Ratio Lower Upper
50 100
52 33.3 25.2 37.8



#4
Vinyl Chloride
Concen: 48.467 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 62 Resp: 321733
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7

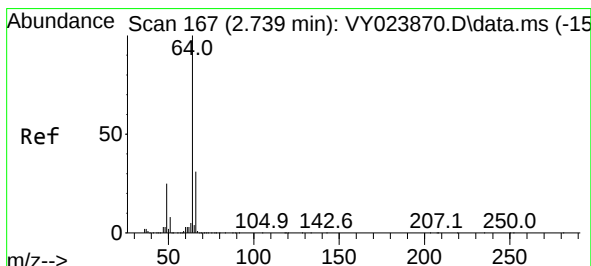
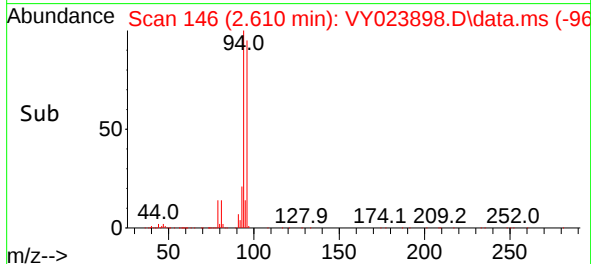
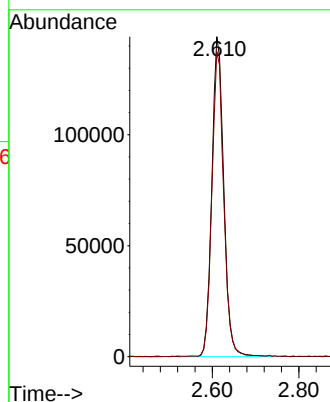
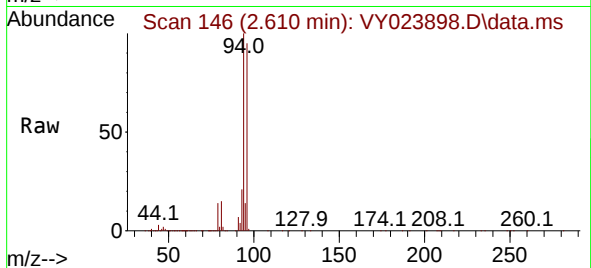




#5
Bromomethane
Concen: 57.550 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

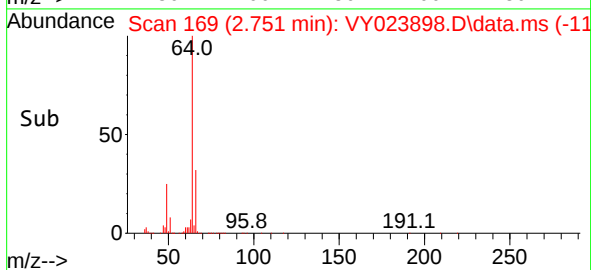
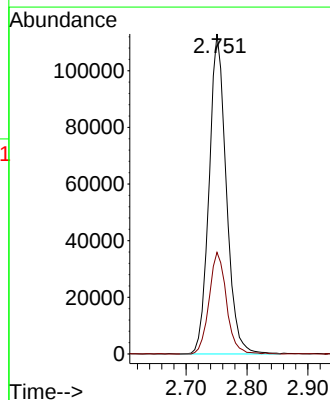
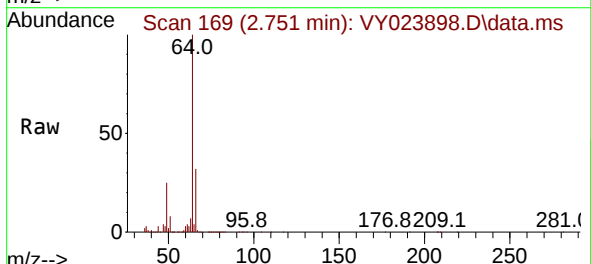
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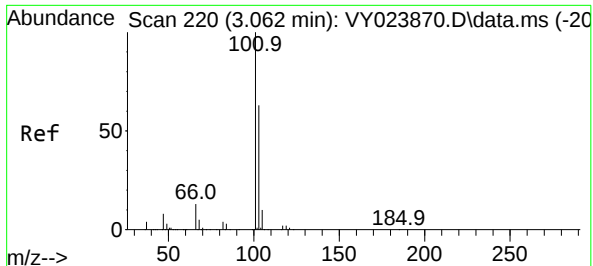
Tgt Ion: 94 Resp: 275836
Ion Ratio Lower Upper
94 100
96 95.1 75.2 112.8



#6
Chloroethane
Concen: 49.276 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 64 Resp: 221768
Ion Ratio Lower Upper
64 100
66 31.7 24.8 37.2

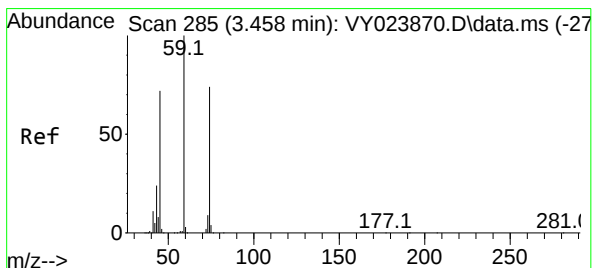
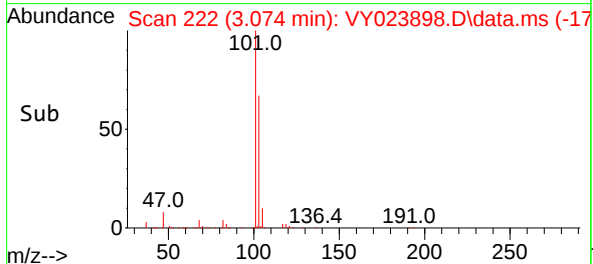
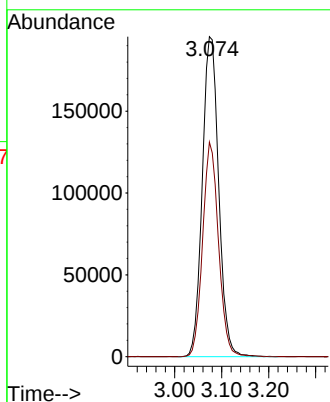
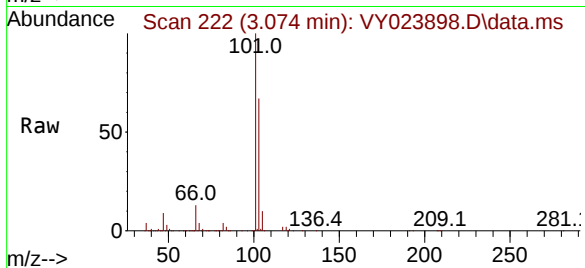




#7
Trichlorofluoromethane
Concen: 51.001 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023898.D
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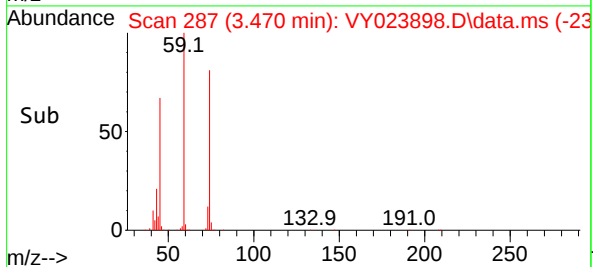
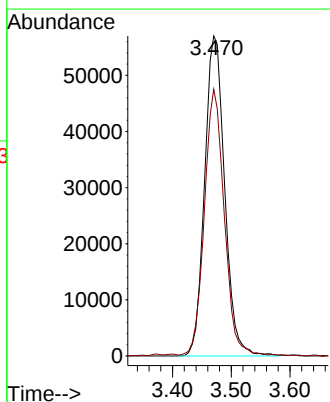
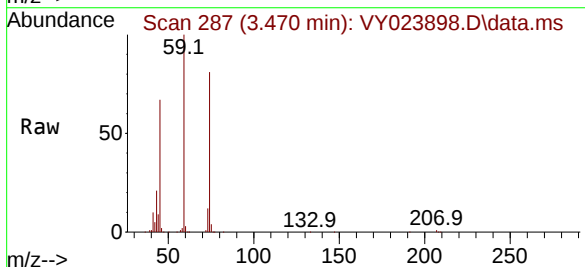
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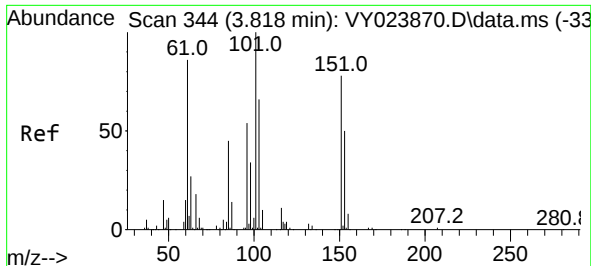
Tgt Ion:101 Resp: 473369
Ion Ratio Lower Upper
101 100
103 67.1 50.2 75.2



#8
Diethyl Ether
Concen: 48.637 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 74 Resp: 135243
Ion Ratio Lower Upper
74 100
45 81.8 48.4 145.3

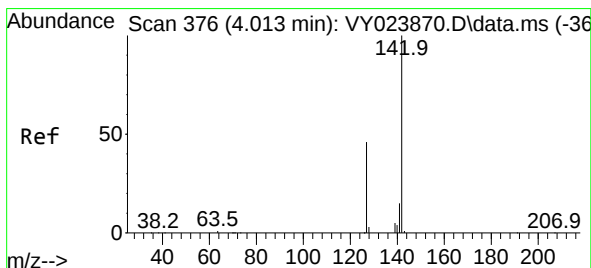
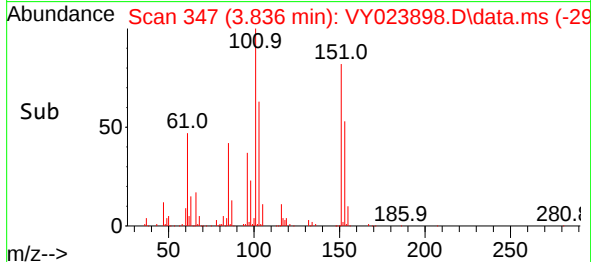
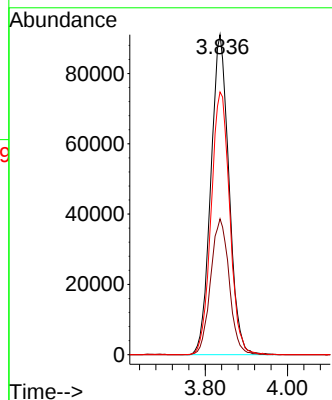
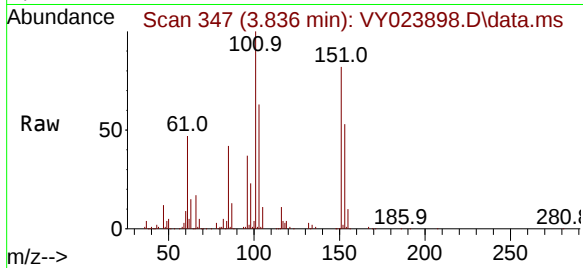




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.038 ug/l
RT: 3.836 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

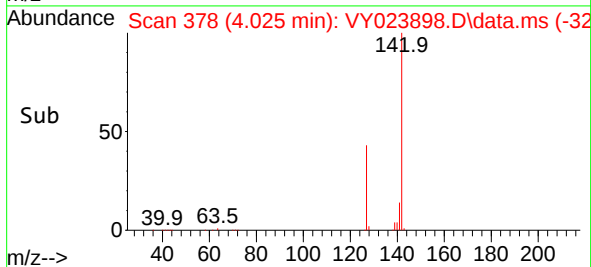
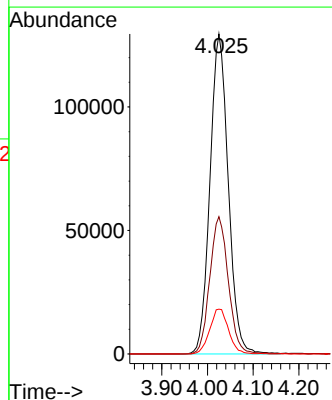
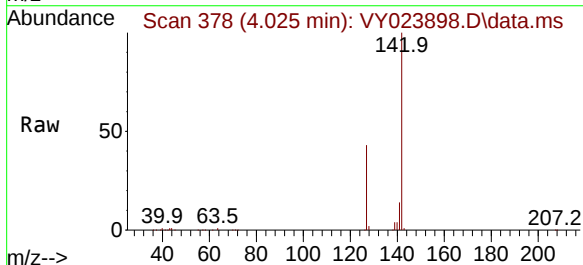
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

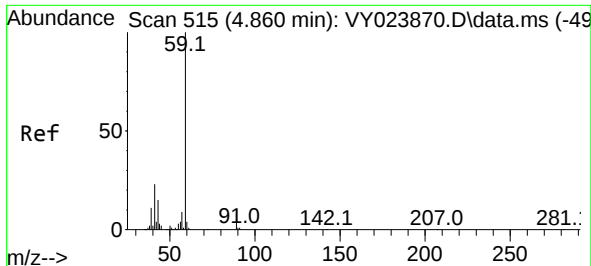
Tgt Ion:101 Resp: 278265
Ion Ratio Lower Upper
101 100
85 43.4 35.8 53.8
151 84.2 63.4 95.0



#10
Methyl Iodide
Concen: 57.931 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion:142 Resp: 359734
Ion Ratio Lower Upper
142 100
127 43.7 36.1 54.1
141 14.4 11.8 17.8

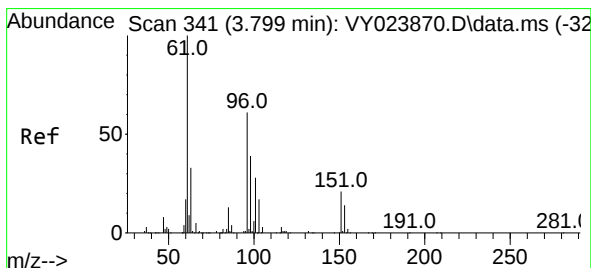
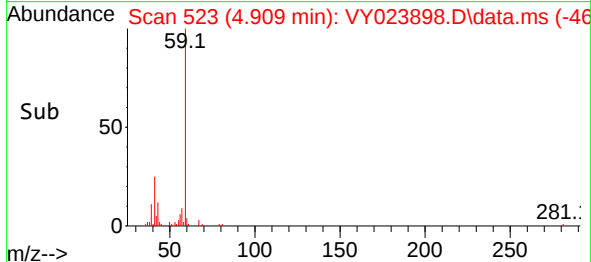
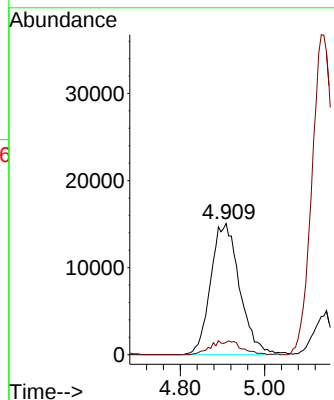
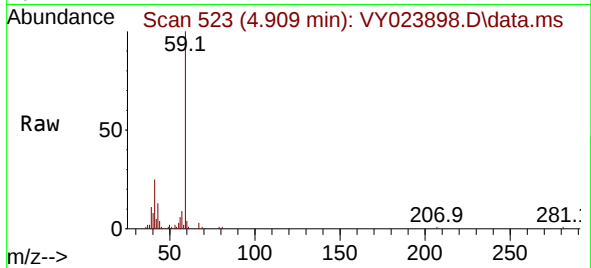




#11
Tert butyl alcohol
Concen: 181.677 ug/l
RT: 4.909 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

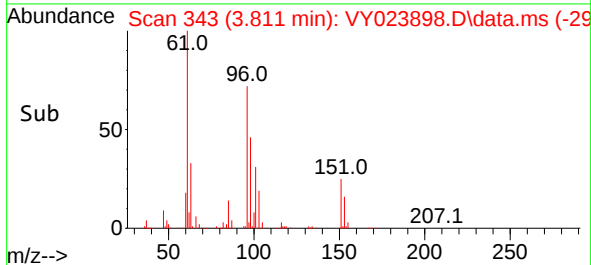
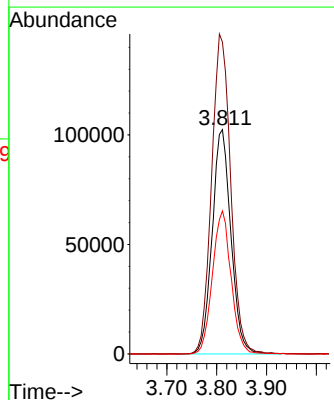
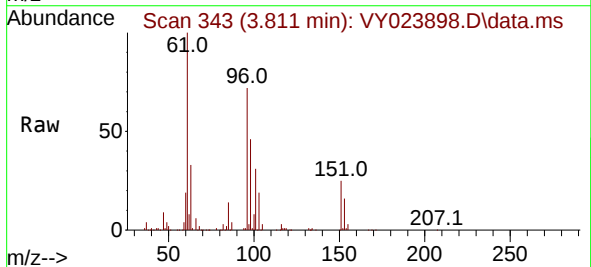
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

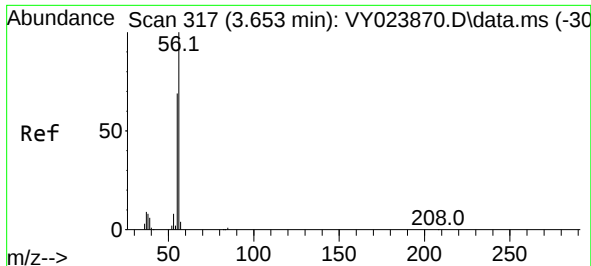
Tgt Ion: 59 Resp: 71807
Ion Ratio Lower Upper
59 100
57 5.1 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 51.590 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 96 Resp: 268060
Ion Ratio Lower Upper
96 100
61 139.1 131.2 196.8
98 63.8 51.3 76.9

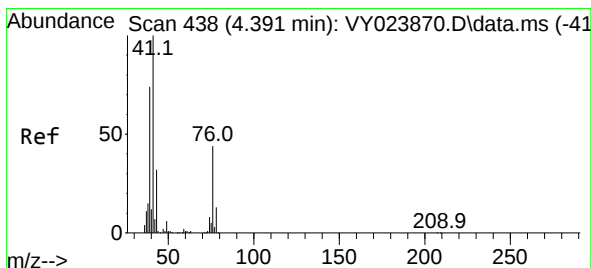
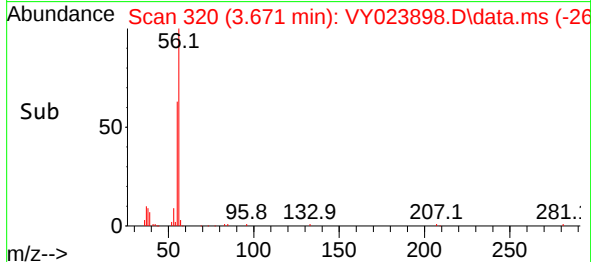
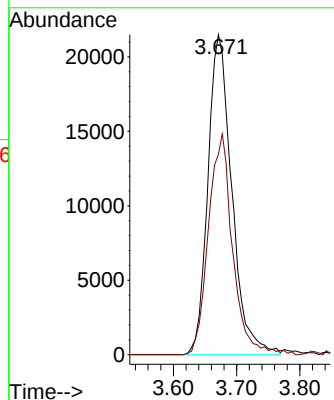
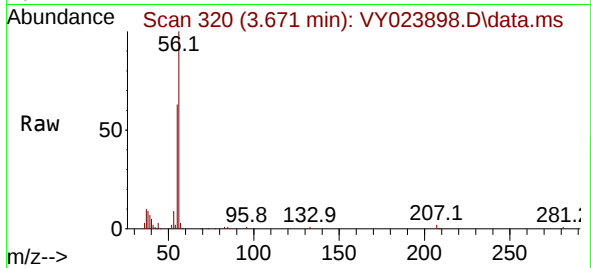




#13
Acrolein
Concen: 167.525 ug/l
RT: 3.671 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

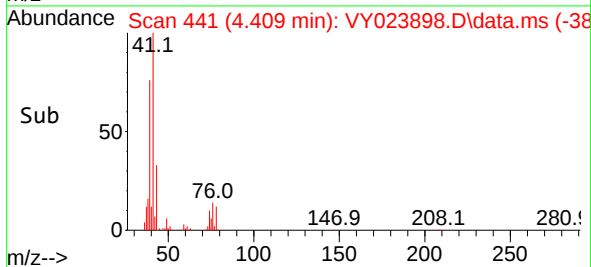
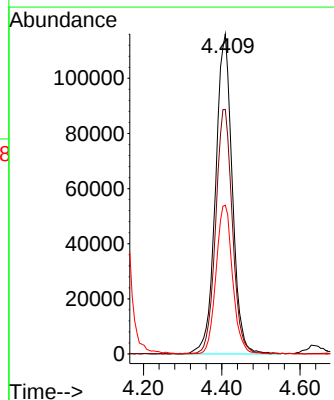
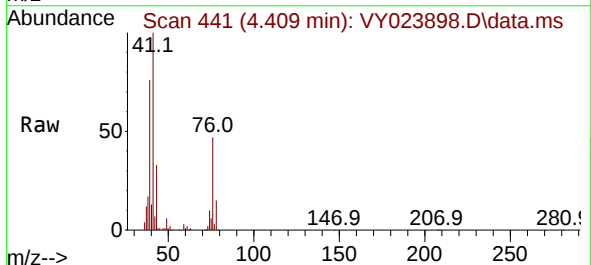
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

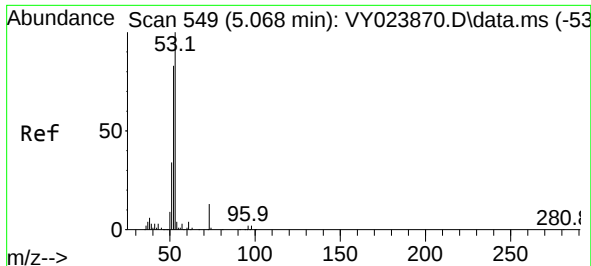
Tgt Ion: 56 Resp: 56430
Ion Ratio Lower Upper
56 100
55 69.8 59.0 88.6



#14
Allyl chloride
Concen: 41.523 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 41 Resp: 344947
Ion Ratio Lower Upper
41 100
39 76.3 57.4 86.0
76 45.9 30.8 46.2

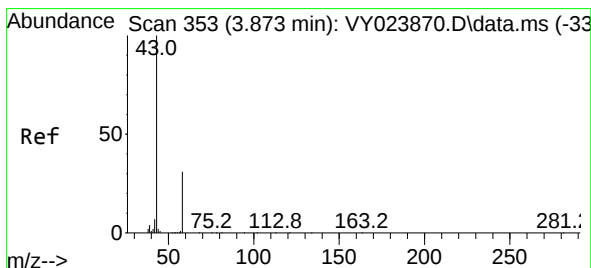
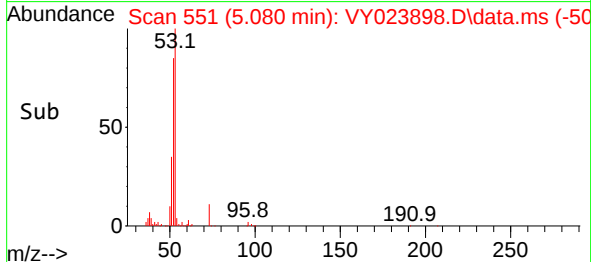
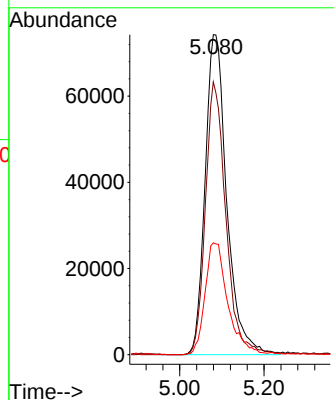
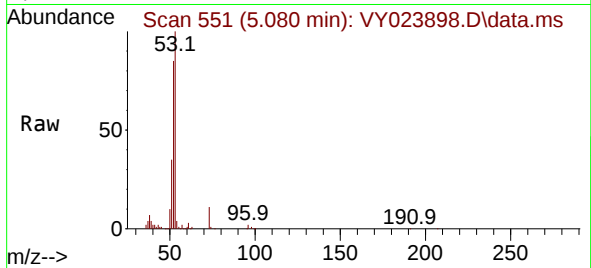




#15
Acrylonitrile
Concen: 219.233 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

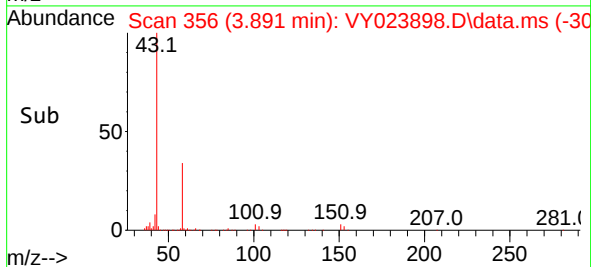
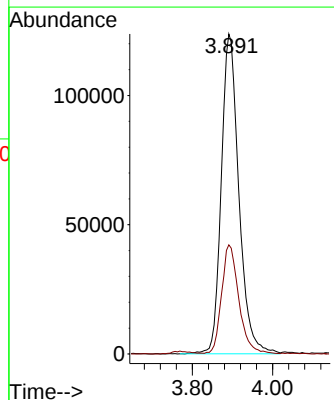
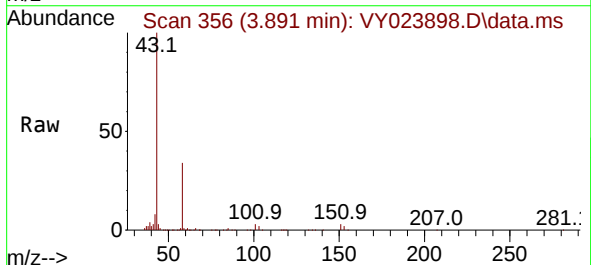
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

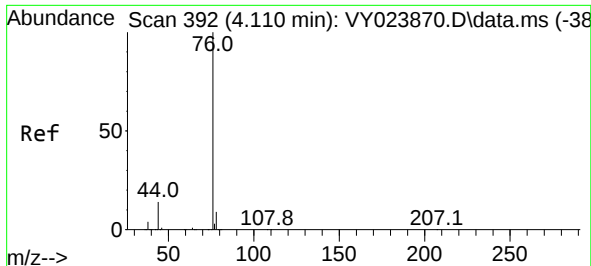
Tgt Ion: 53 Resp: 265323
Ion Ratio Lower Upper
53 100
52 80.6 65.1 97.7
51 36.7 29.5 44.3



#16
Acetone
Concen: 232.968 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 43 Resp: 376662
Ion Ratio Lower Upper
43 100
58 34.0 25.1 37.7

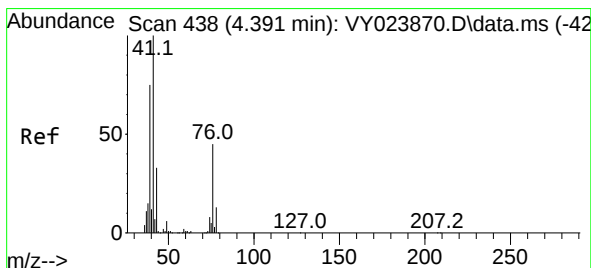
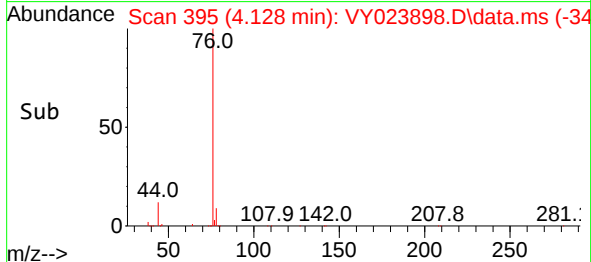
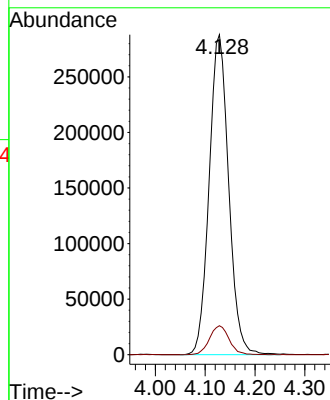
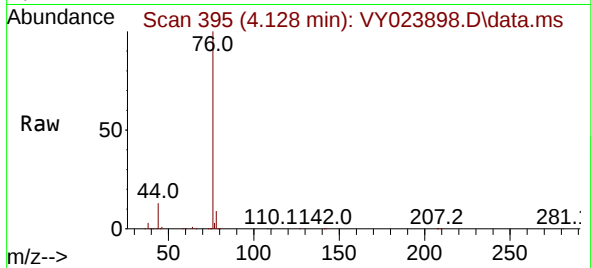




#17
Carbon Disulfide
Concen: 50.928 ug/l
RT: 4.128 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

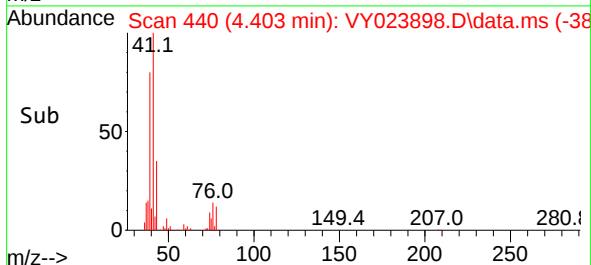
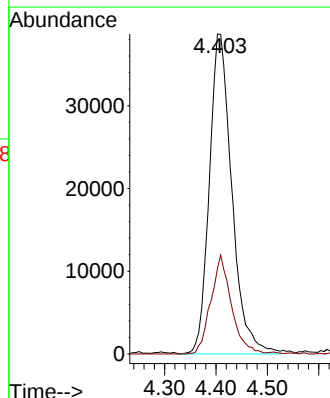
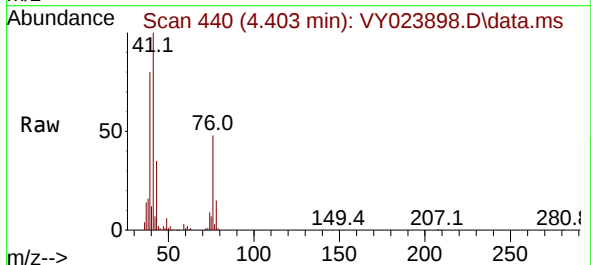
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

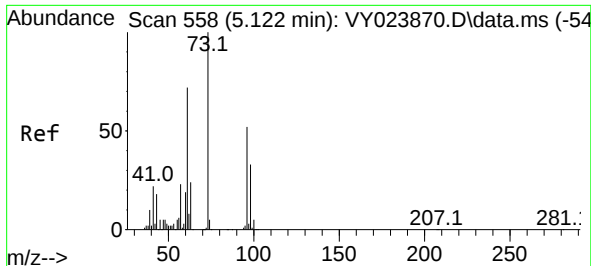
Tgt Ion: 76 Resp: 781847
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 42.941 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 43 Resp: 117761
Ion Ratio Lower Upper
43 100
74 28.2 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 50.633 ug/l

RT: 5.141 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

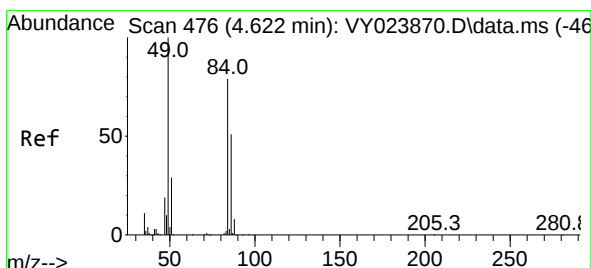
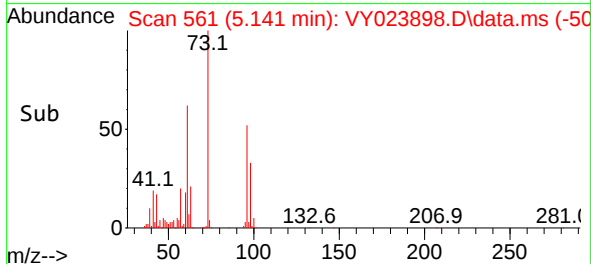
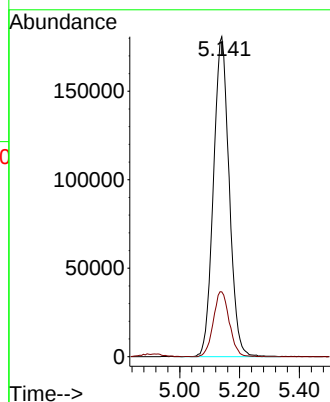
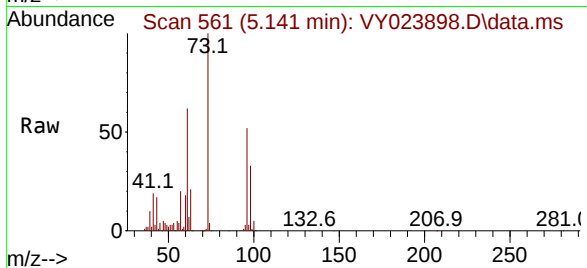
VSTDCCC050

Tgt Ion: 73 Resp: 660864

Ion Ratio Lower Upper

73 100

57 20.3 18.2 27.2



#20

Methylene Chloride

Concen: 48.546 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Tgt Ion: 84 Resp: 283030

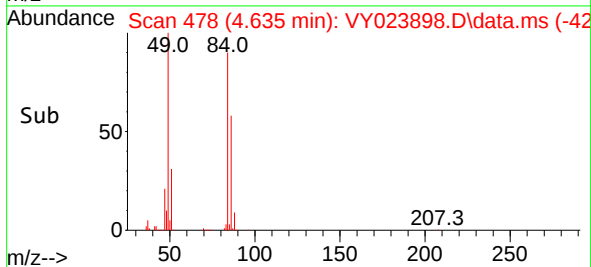
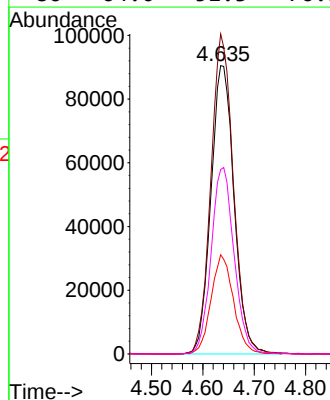
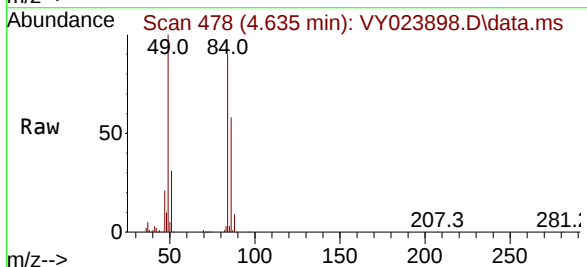
Ion Ratio Lower Upper

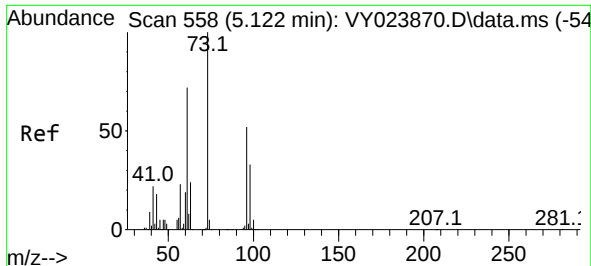
84 100

49 111.0 100.6 151.0

51 34.3 29.0 43.6

86 64.0 51.3 76.9

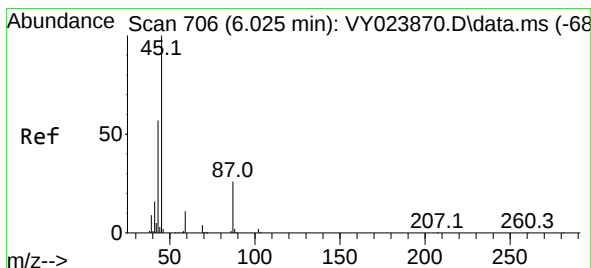
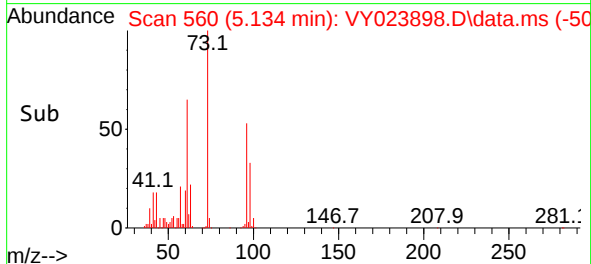
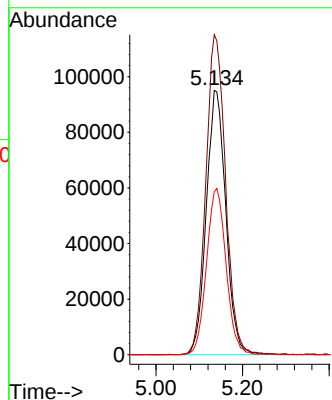
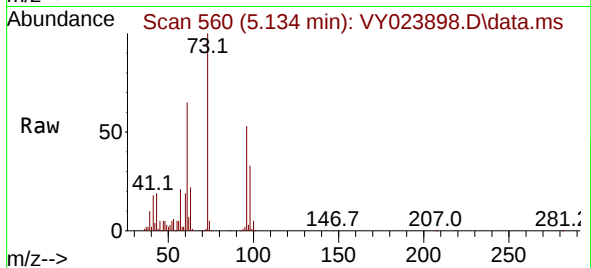




#21
trans-1,2-Dichloroethene
Concen: 51.927 ug/l
RT: 5.134 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

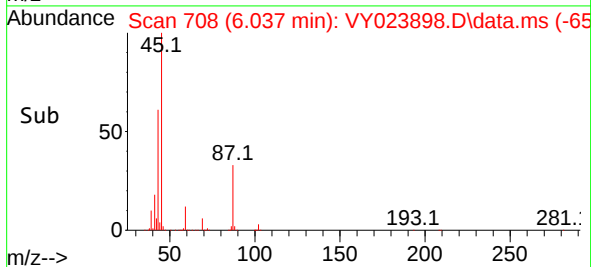
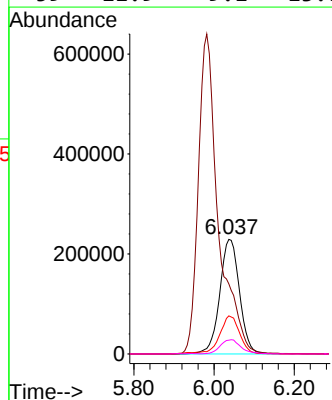
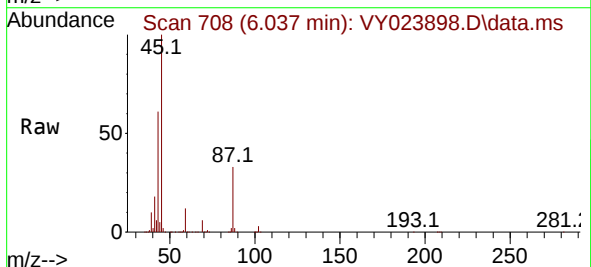
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

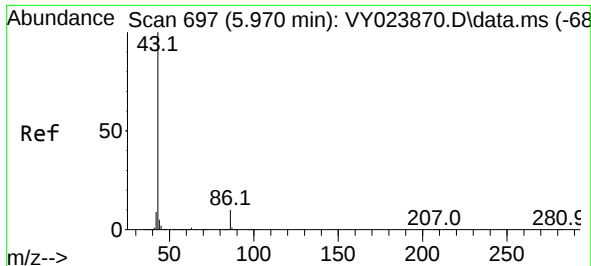
Tgt Ion: 96 Resp: 297688
Ion Ratio Lower Upper
96 100
61 121.0 111.7 167.5
98 61.6 51.5 77.3



#22
Diisopropyl ether
Concen: 42.897 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 45 Resp: 784648
Ion Ratio Lower Upper
45 100
43 60.9 45.5 68.3
87 33.2 20.7 31.1#
59 11.9 9.1 13.7

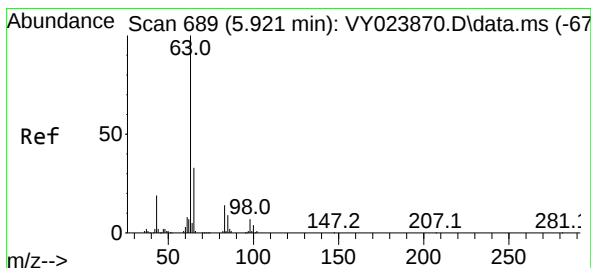
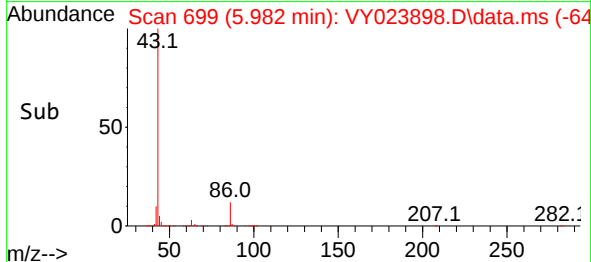
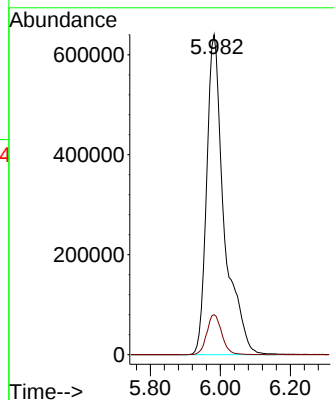
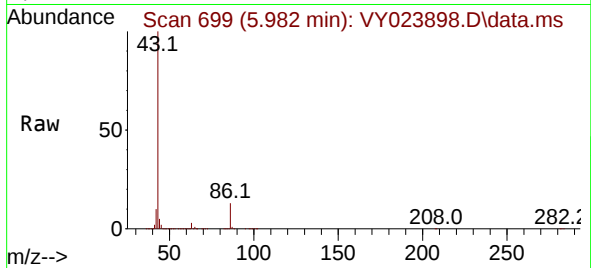




#23
 Vinyl Acetate
 Concen: 219.095 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY023898.D
 Acq: 09 Dec 2025 09:31

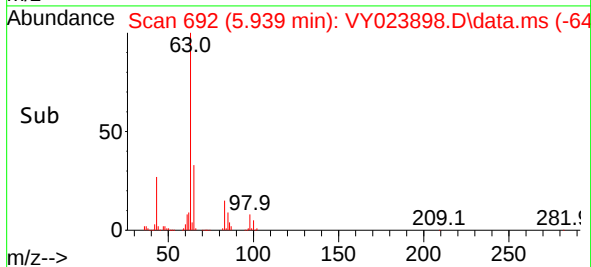
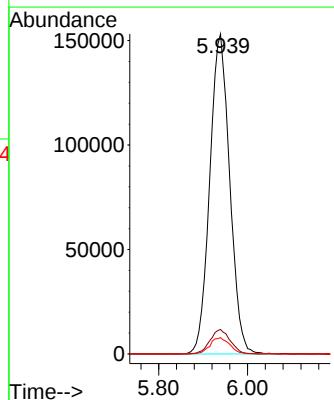
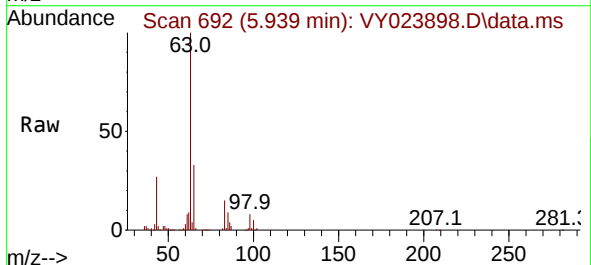
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

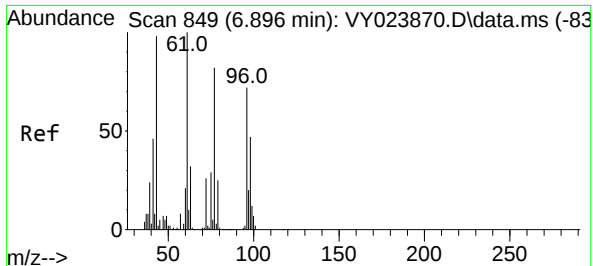
Tgt Ion: 43 Resp: 2221462
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 45.183 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.018 min
 Lab File: VY023898.D
 Acq: 09 Dec 2025 09:31

Tgt Ion: 63 Resp: 477525
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.1
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 209.757 ug/l

RT: 6.915 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

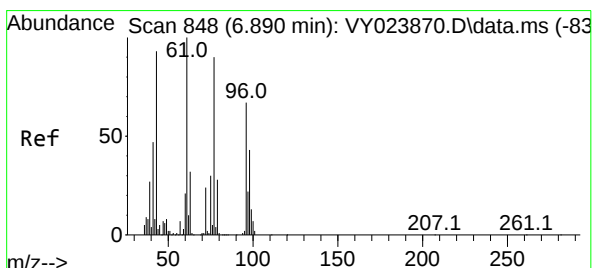
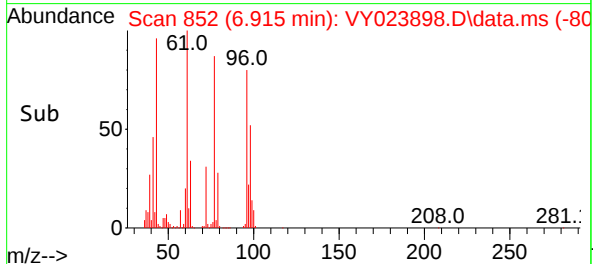
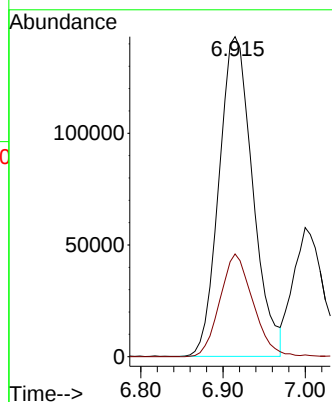
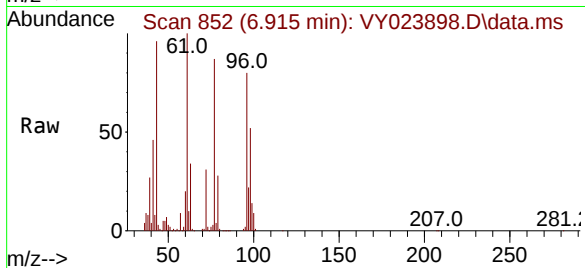
VSTDCCC050

Tgt Ion: 43 Resp: 408827

Ion Ratio Lower Upper

43 100

72 32.1 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 46.439 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY023898.D

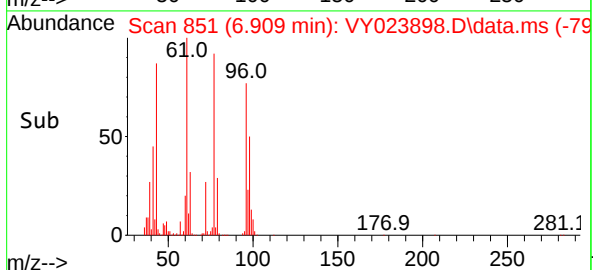
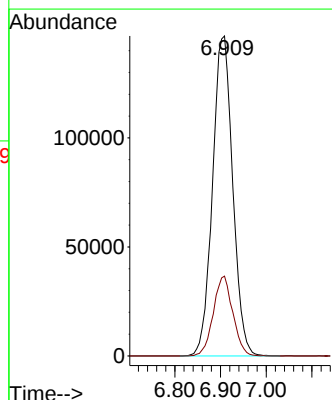
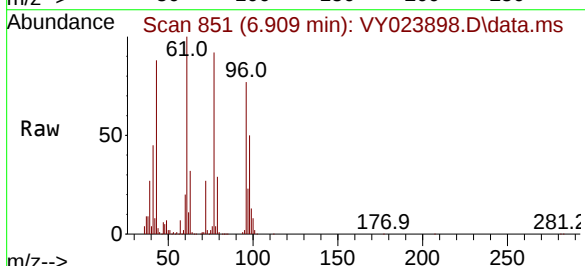
Acq: 09 Dec 2025 09:31

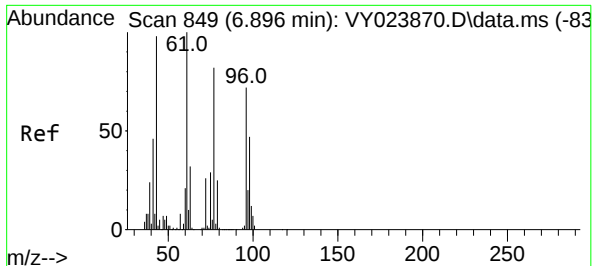
Tgt Ion: 77 Resp: 449823

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8



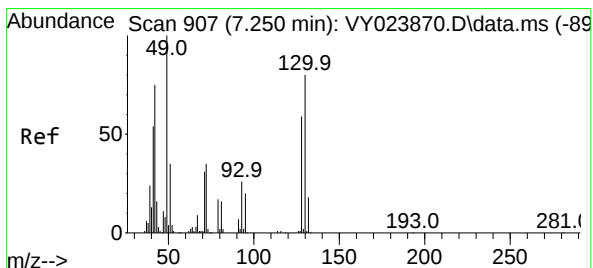
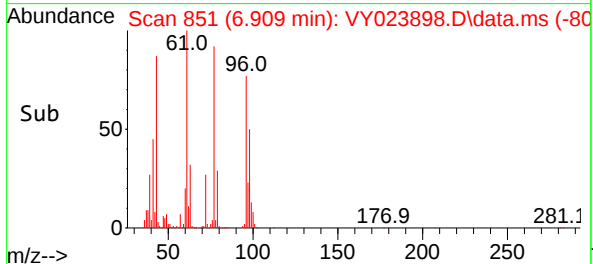
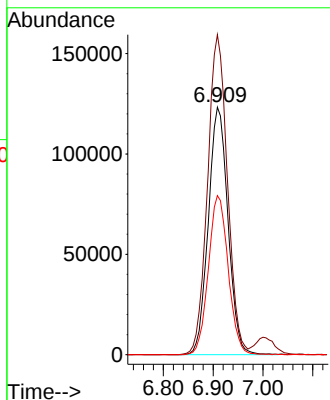
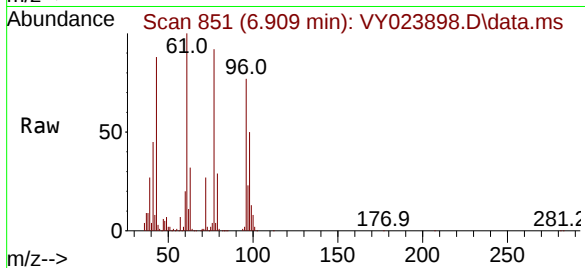


#27
 cis-1,2-Dichloroethene
 Concen: 50.824 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY023898.D
 Acq: 09 Dec 2025 09:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 338328

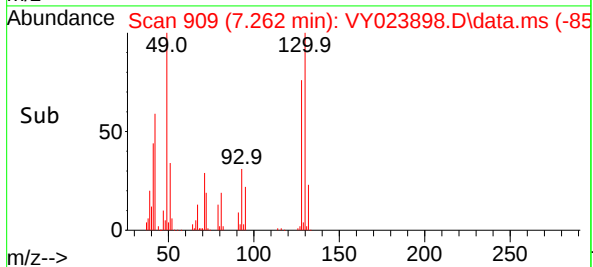
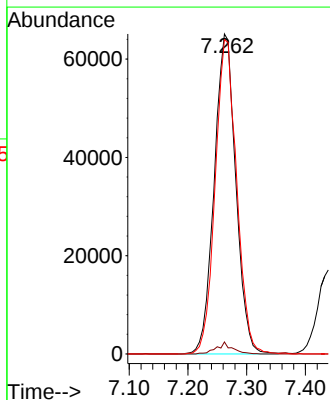
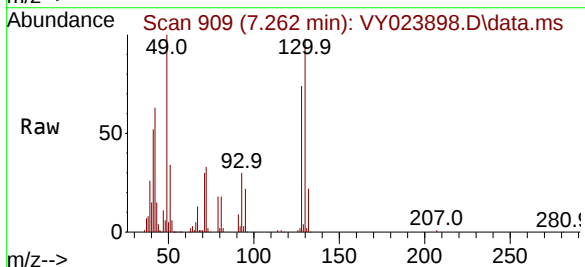
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	292.8
98	64.7	0.0	128.4

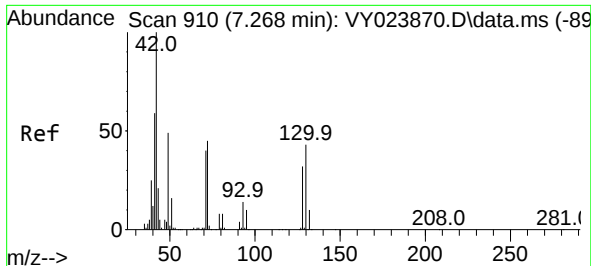


#28
 Bromochloromethane
 Concen: 41.168 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY023898.D
 Acq: 09 Dec 2025 09:31

Tgt Ion: 49 Resp: 166242

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.2
130	97.5	61.0	91.6





#29

Tetrahydrofuran

Concen: 209.723 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

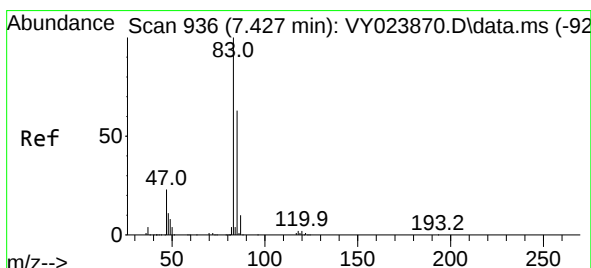
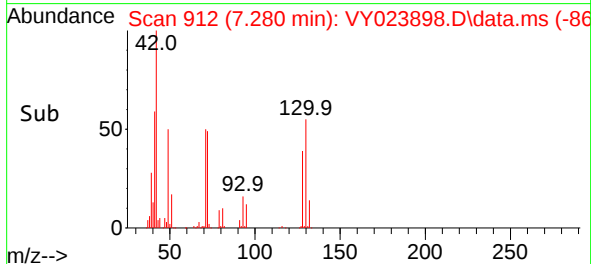
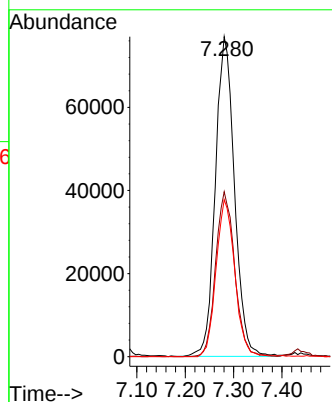
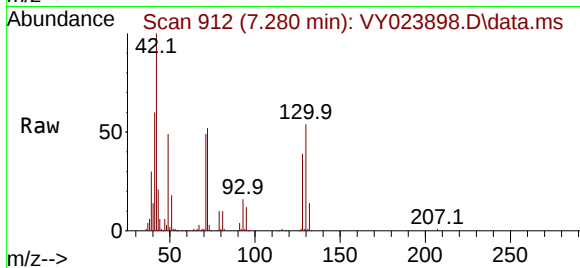
Tgt Ion: 42 Resp: 211398

Ion Ratio Lower Upper

42 100

72 51.5 35.6 53.4

71 48.0 32.5 48.7



#30

Chloroform

Concen: 48.538 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY023898.D

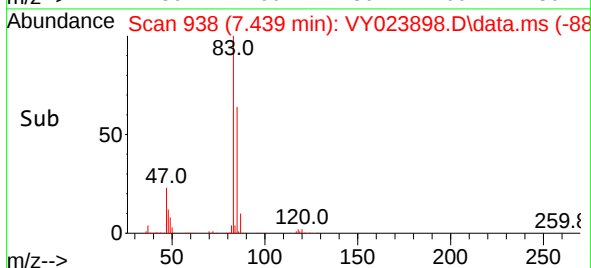
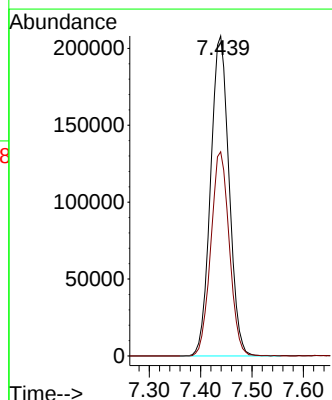
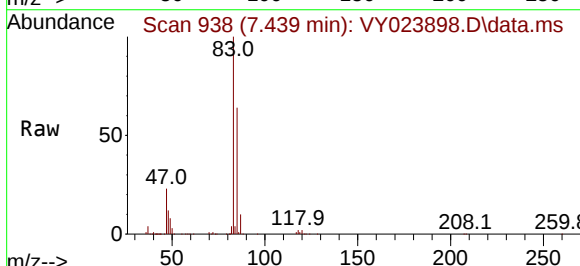
Acq: 09 Dec 2025 09:31

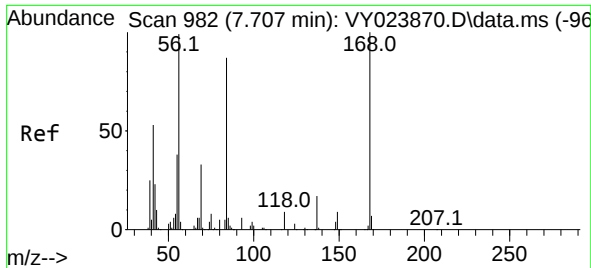
Tgt Ion: 83 Resp: 518364

Ion Ratio Lower Upper

83 100

85 63.8 50.6 76.0

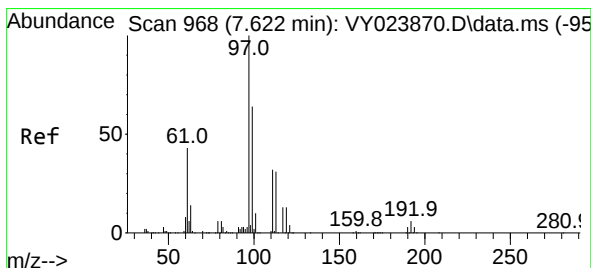
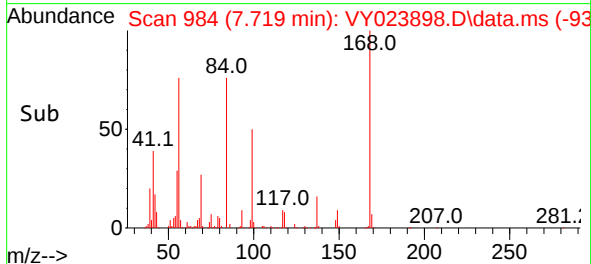
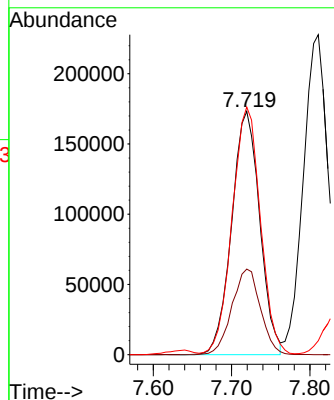
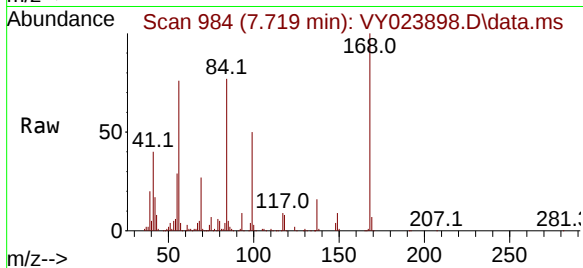




#31
Cyclohexane
Concen: 42.722 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

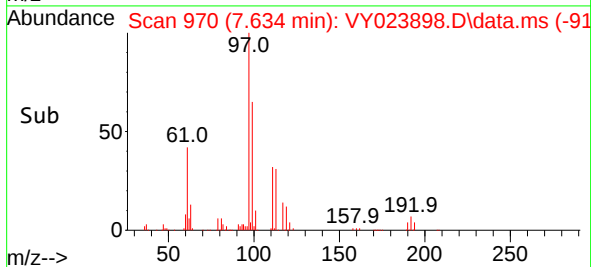
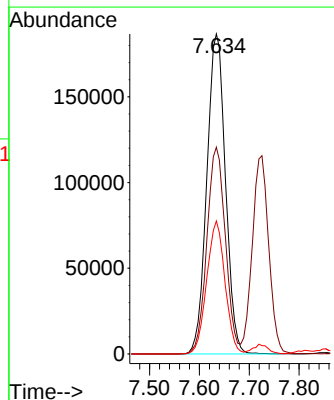
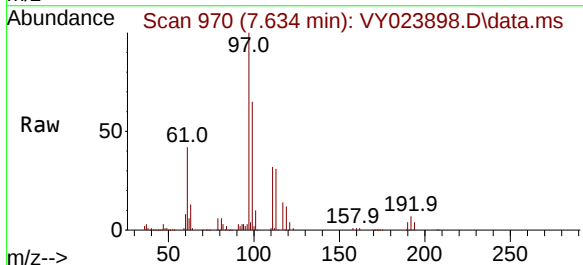
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

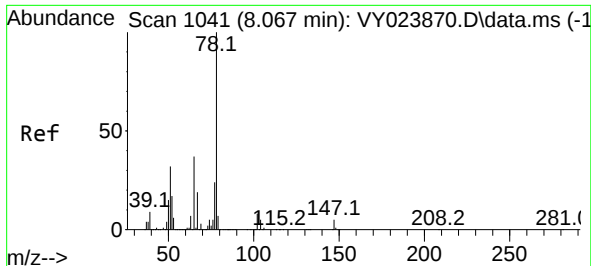
Tgt Ion: 56 Resp: 431704
Ion Ratio Lower Upper
56 100
69 35.2 26.8 40.2
84 100.1 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 50.295 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 97 Resp: 484866
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 40.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 42.046 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

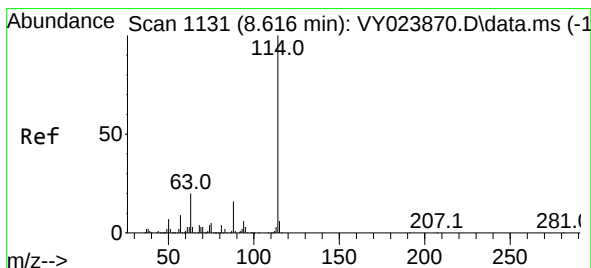
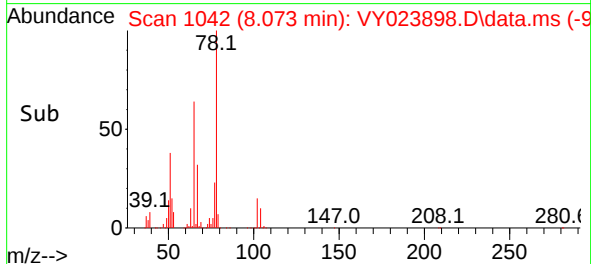
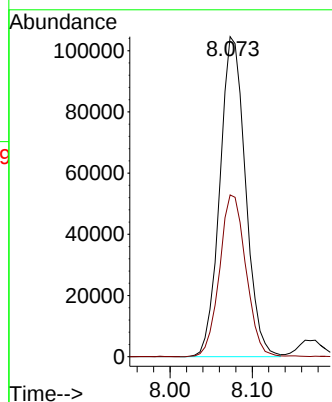
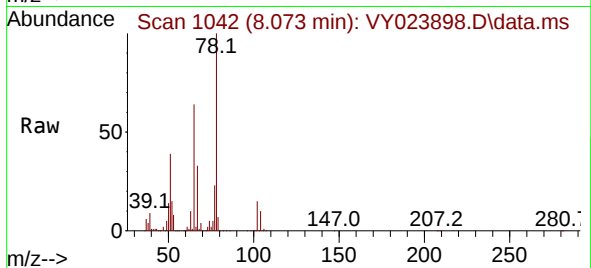
VSTDCCC050

Tgt Ion: 65 Resp: 226861

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

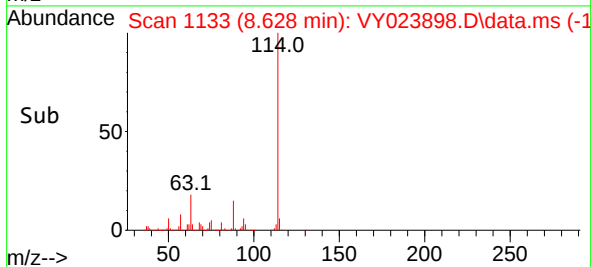
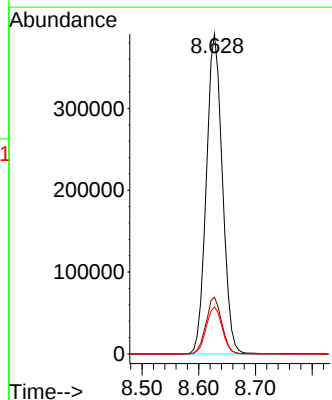
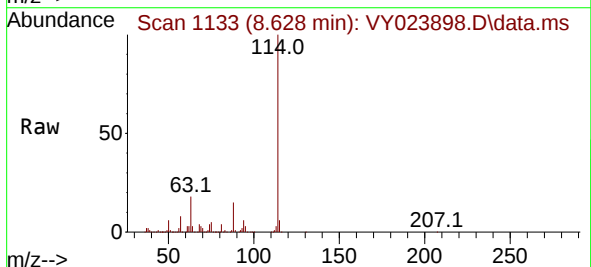
Tgt Ion: 114 Resp: 767358

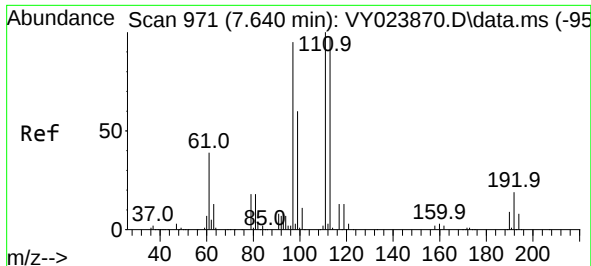
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.2

88 14.7 0.0 31.4

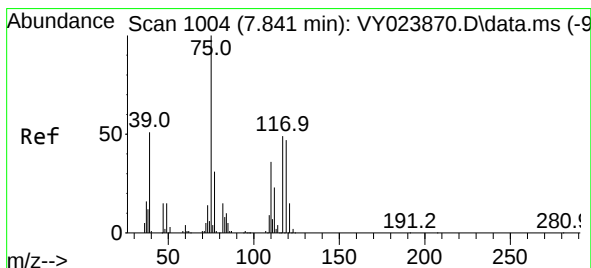
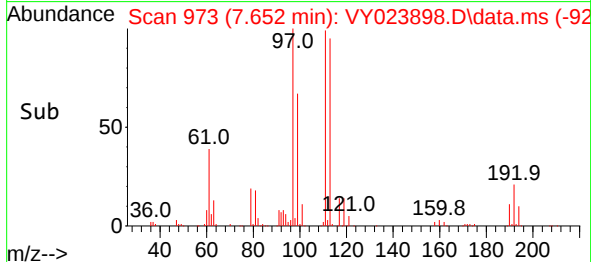
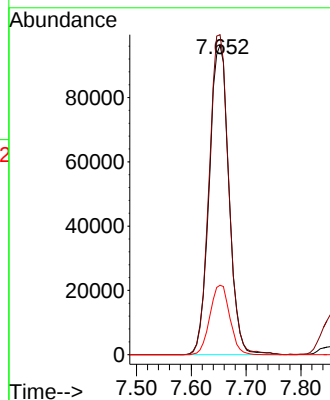
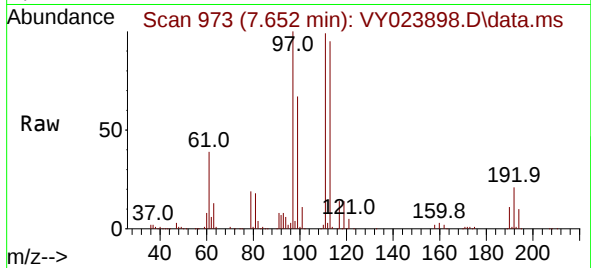




#35
Dibromofluoromethane
Concen: 48.695 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

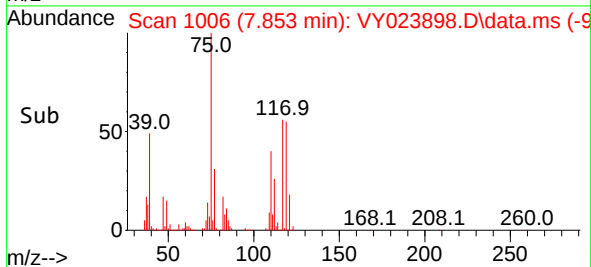
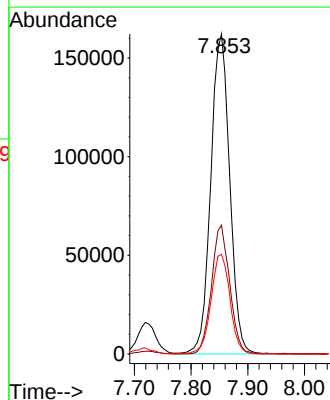
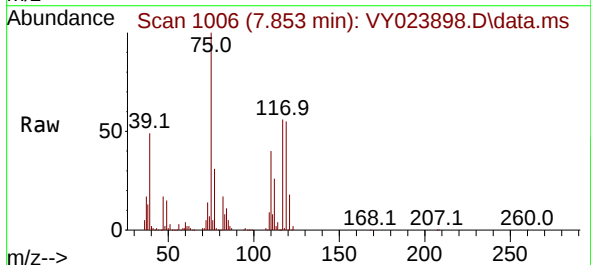
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

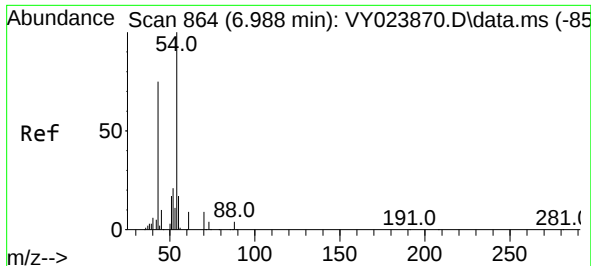
Tgt Ion:113 Resp: 239660
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.6 15.8 23.8



#36
1,1-Dichloropropene
Concen: 51.965 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 75 Resp: 377117
Ion Ratio Lower Upper
75 100
110 38.5 17.6 52.9
77 31.1 24.6 37.0

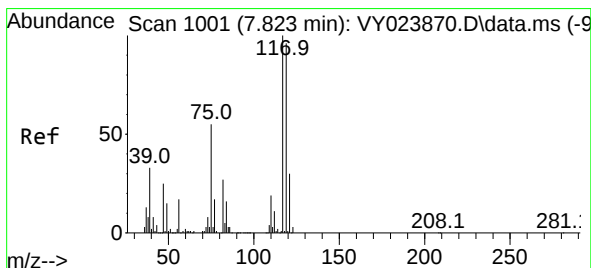
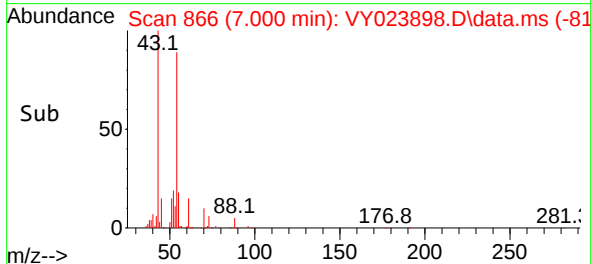
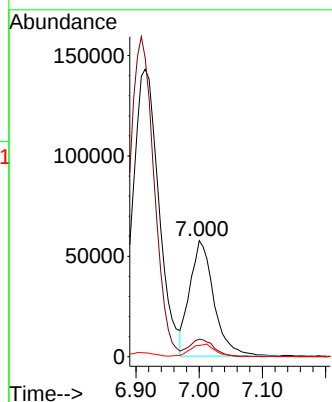
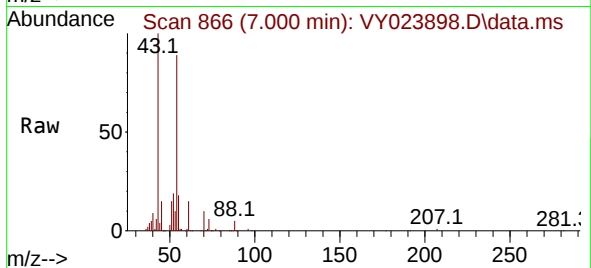




#37
Ethyl Acetate
Concen: 45.470 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

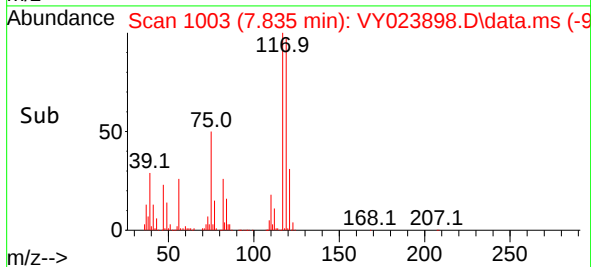
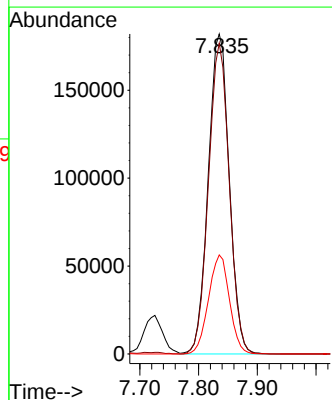
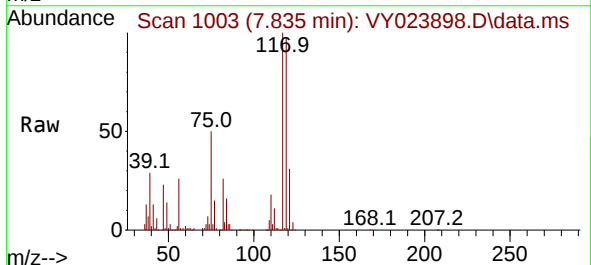
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

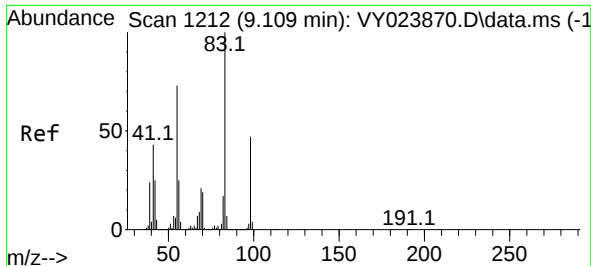
Tgt Ion: 43 Resp: 152375
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 11.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 56.493 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 117 Resp: 452477
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.6
121 30.9 23.9 35.9





#39

Methylcyclohexane

Concen: 54.548 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

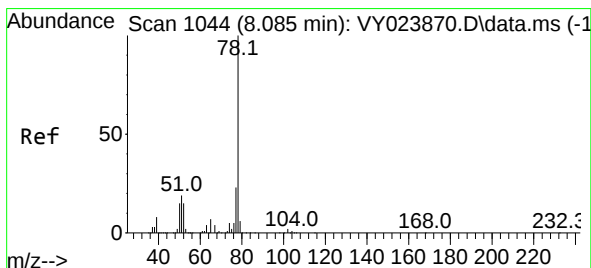
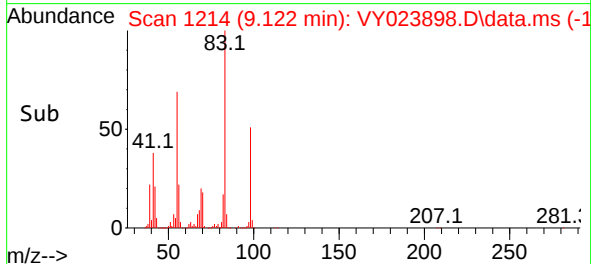
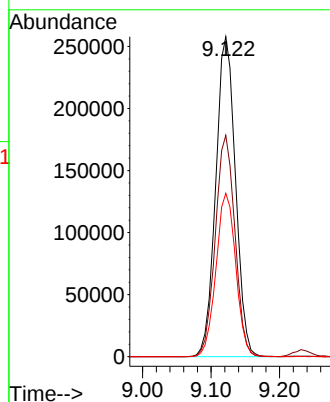
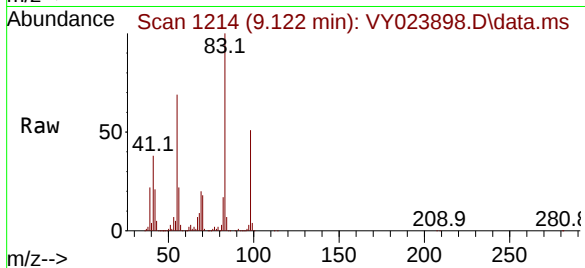
Tgt Ion: 83 Resp: 515286

Ion Ratio Lower Upper

83 100

55 69.1 58.8 88.2

98 51.1 37.8 56.6



#40

Benzene

Concen: 51.766 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY023898.D

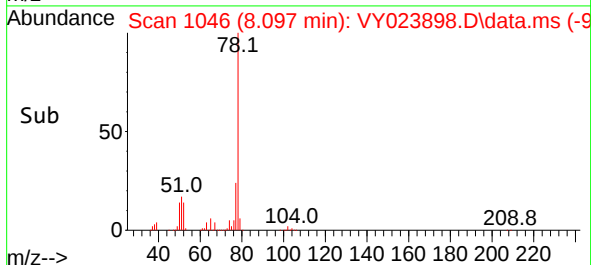
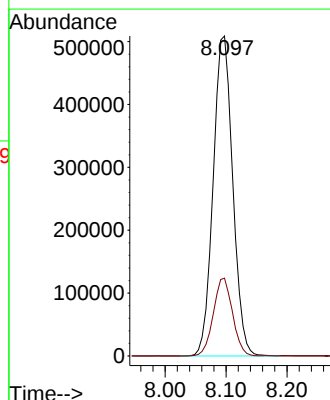
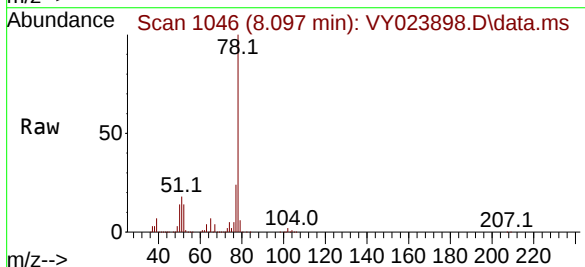
Acq: 09 Dec 2025 09:31

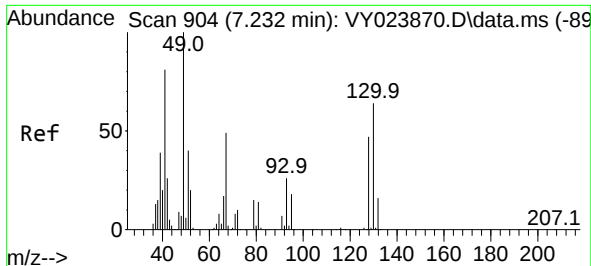
Tgt Ion: 78 Resp: 1135521

Ion Ratio Lower Upper

78 100

77 24.3 18.6 28.0

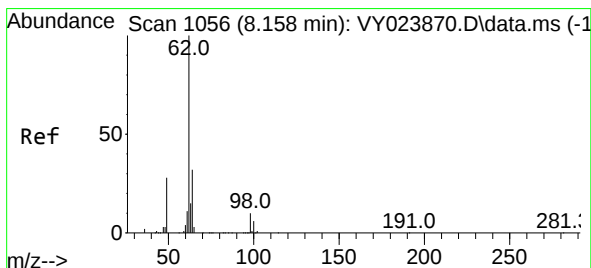
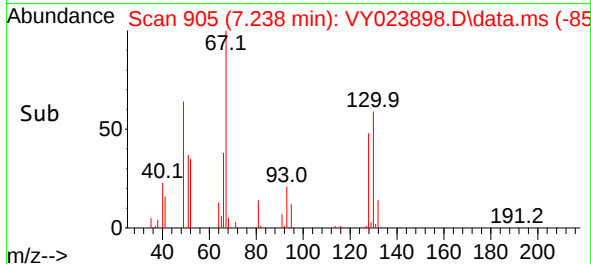
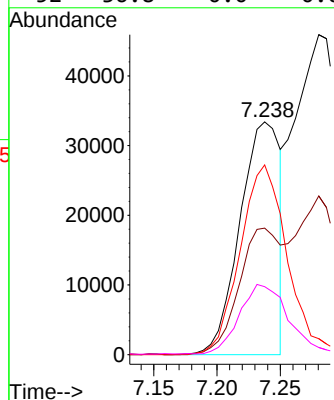
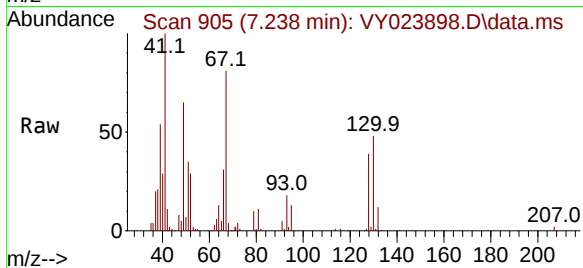




#41
Methacrylonitrile
Concen: 42.875 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

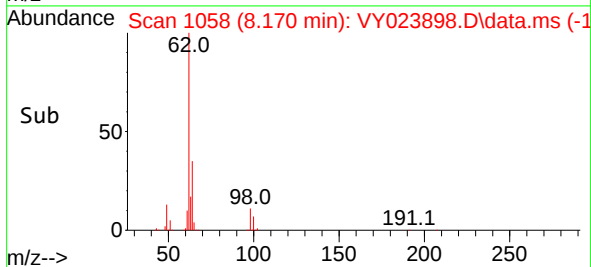
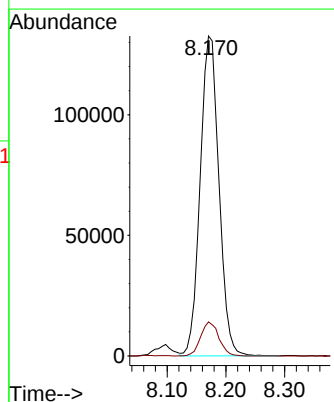
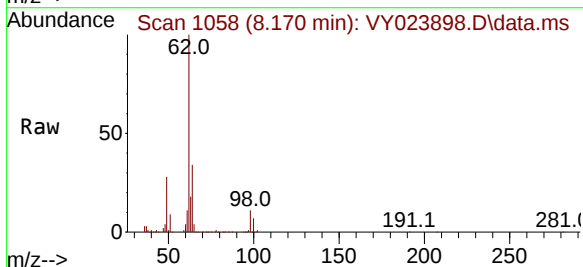
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

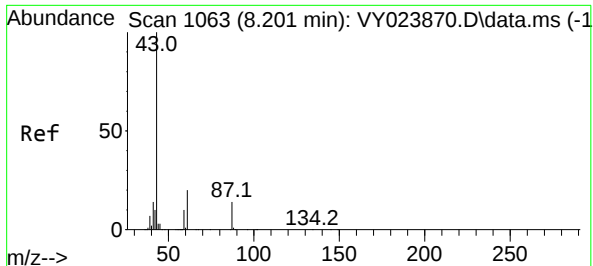
Tgt Ion: 41 Resp: 74064
Ion Ratio Lower Upper
41 100
39 54.9 49.4 74.2
67 96.8 0.0 0.0#
52 36.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.498 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 62 Resp: 294775
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.2

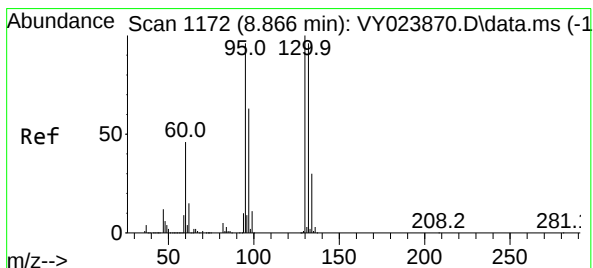
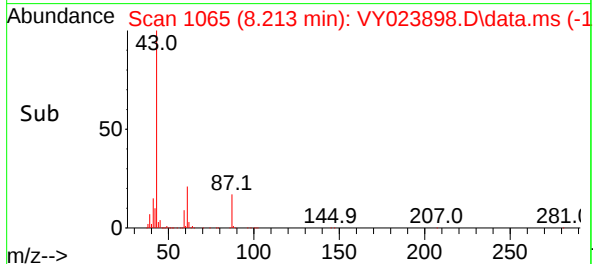
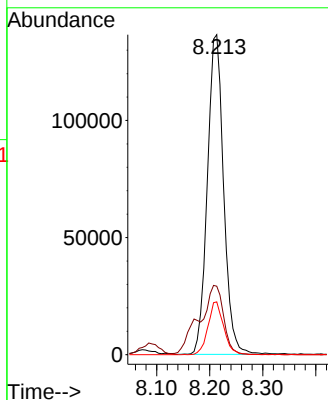
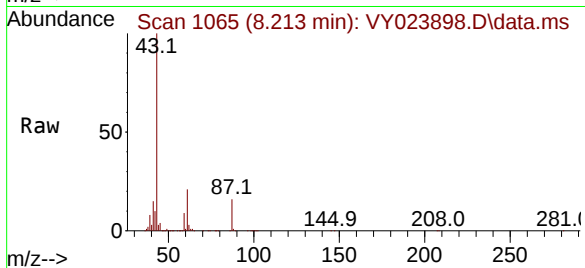




#43
Isopropyl Acetate
Concen: 46.430 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

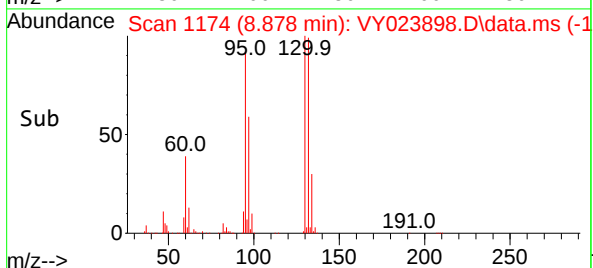
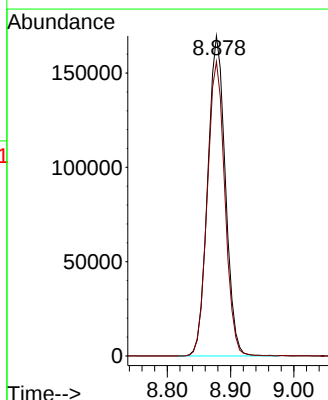
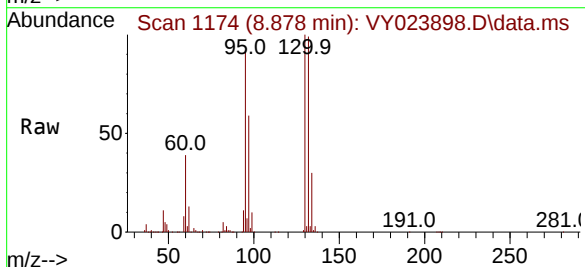
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

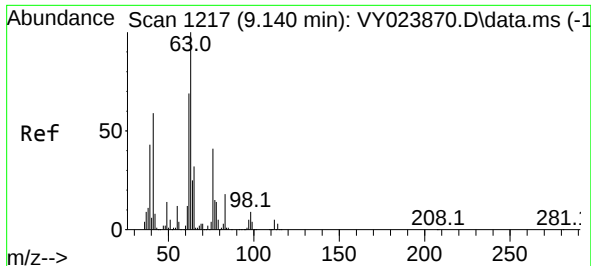
Tgt Ion: 43 Resp: 291116
Ion Ratio Lower Upper
43 100
61 32.2 24.2 36.4
87 15.9 11.0 16.4



#44
Trichloroethene
Concen: 58.306 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion:130 Resp: 329088
Ion Ratio Lower Upper
130 100
95 92.0 0.0 192.4





#45

1,2-Dichloropropane

Concen: 48.615 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

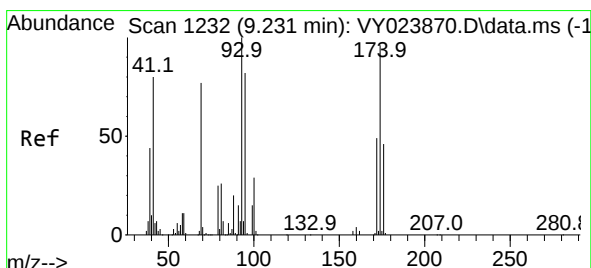
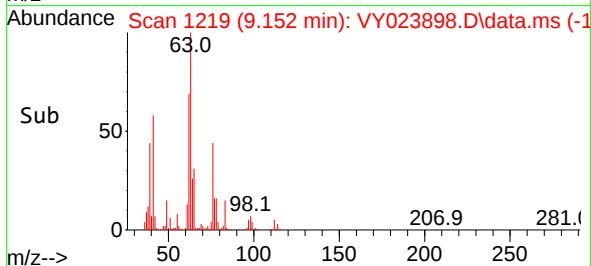
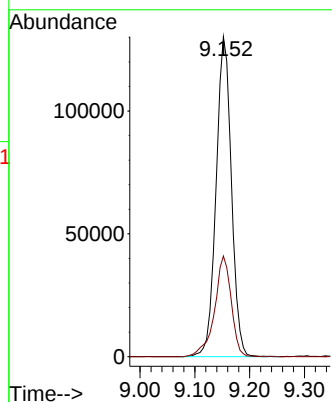
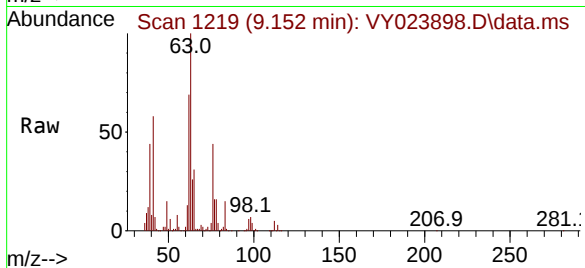
VSTDCCC050

Tgt Ion: 63 Resp: 252496

Ion Ratio Lower Upper

63 100

65 31.5 25.6 38.4



#46

Dibromomethane

Concen: 54.712 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

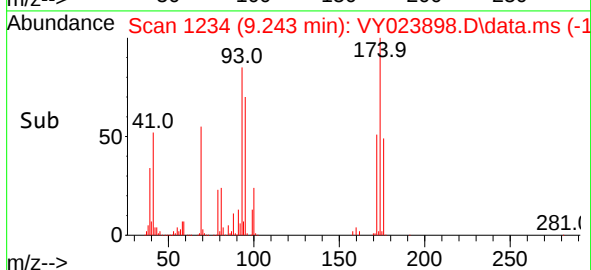
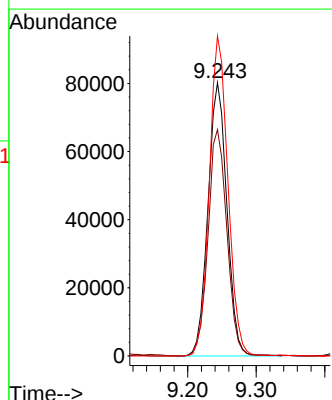
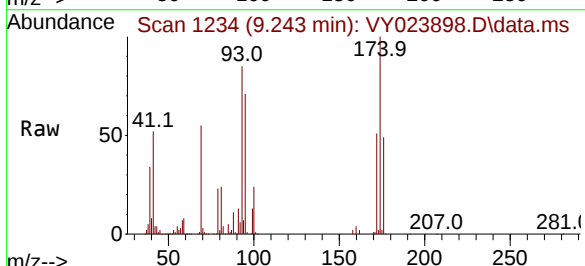
Tgt Ion: 93 Resp: 153844

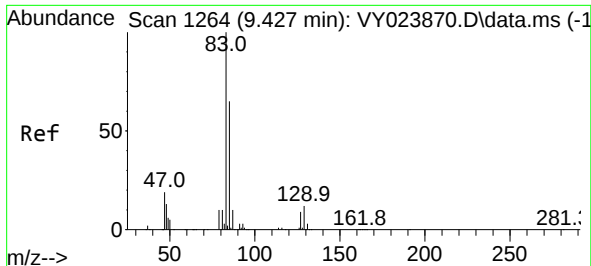
Ion Ratio Lower Upper

93 100

95 82.6 66.4 99.6

174 115.1 81.4 122.0

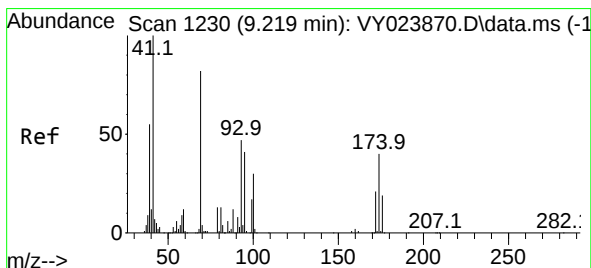
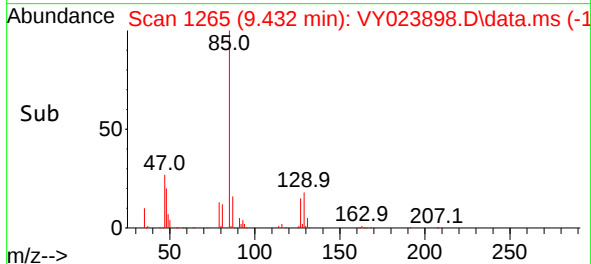
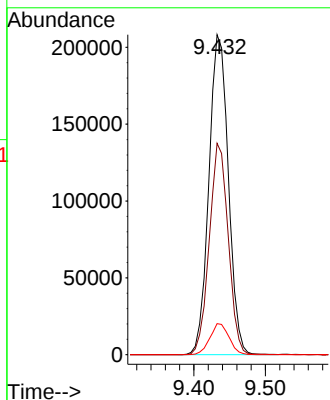
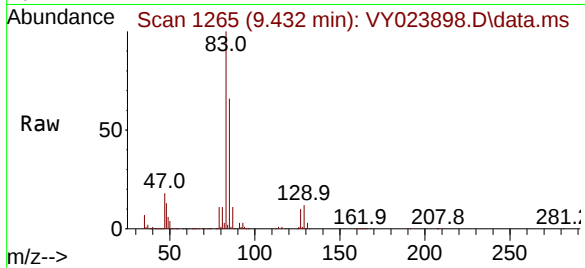




#47
Bromodichloromethane
Concen: 53.014 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

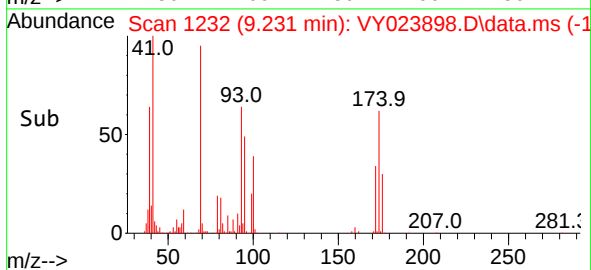
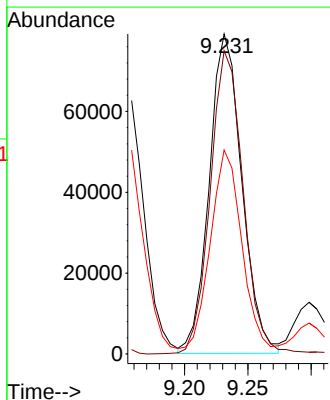
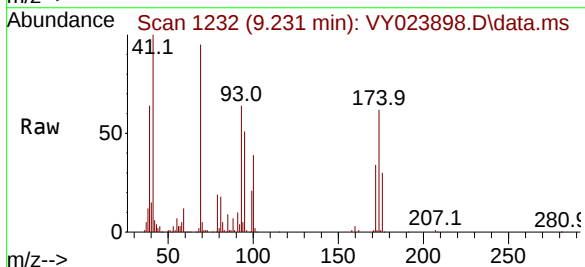
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

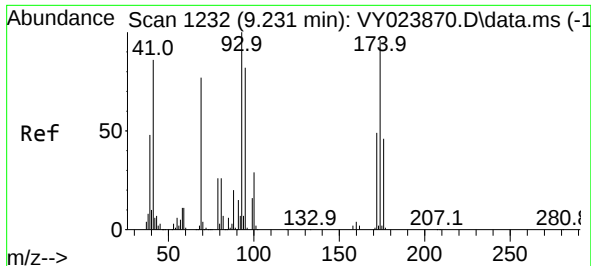
Tgt Ion: 83 Resp: 393284
Ion Ratio Lower Upper
83 100
85 66.1 51.6 77.4
127 9.7 7.2 10.8



#48
Methyl methacrylate
Concen: 48.515 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 41 Resp: 142108
Ion Ratio Lower Upper
41 100
69 95.5 67.7 101.5
39 58.7 43.4 65.0





#49

1,4-Dioxane

Concen: 994.262 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

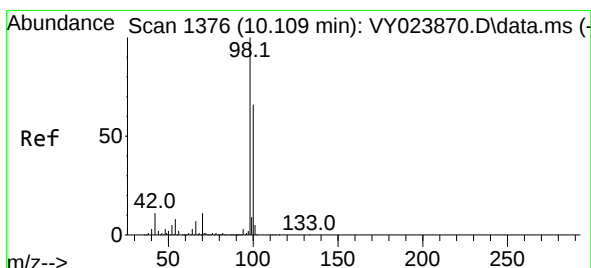
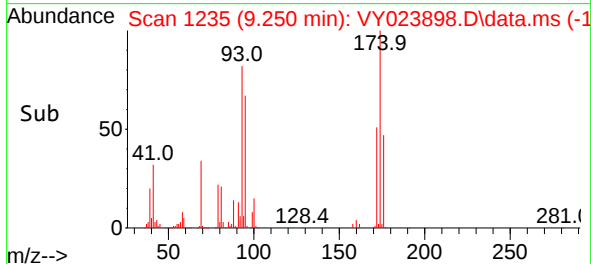
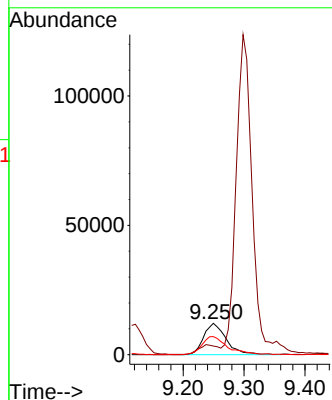
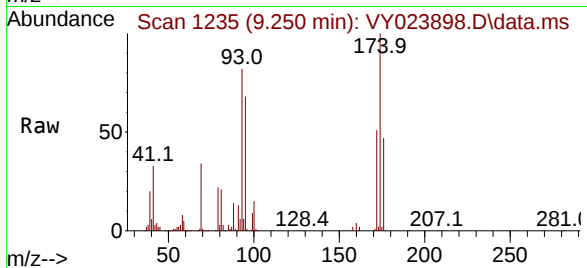
Tgt Ion: 88 Resp: 31086

Ion Ratio Lower Upper

88 100

43 26.6 26.8 40.2#

58 65.0 52.4 78.6



#50

Toluene-d8

Concen: 46.050 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023898.D

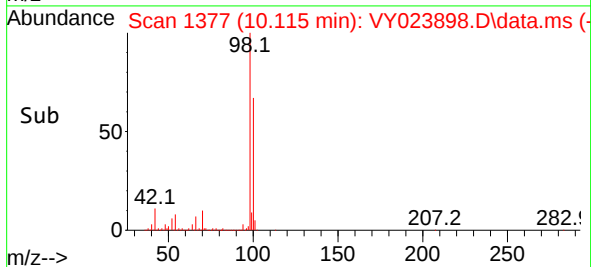
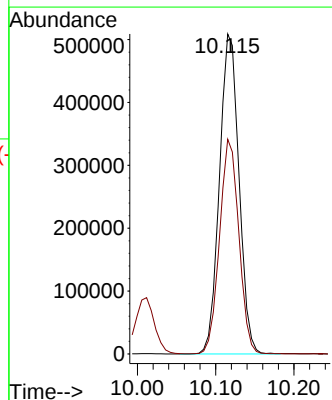
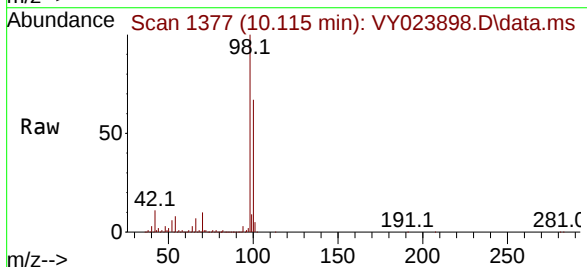
Acq: 09 Dec 2025 09:31

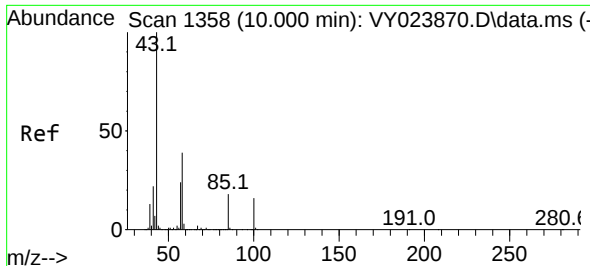
Tgt Ion: 98 Resp: 881945

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

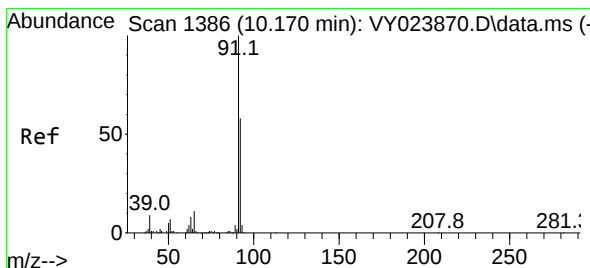
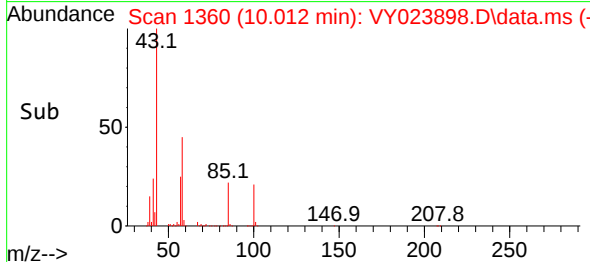
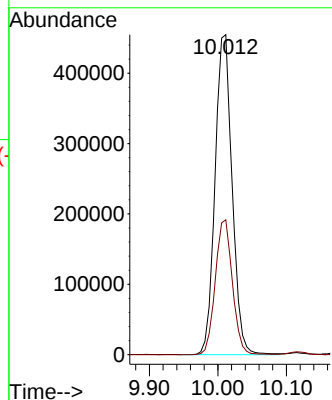
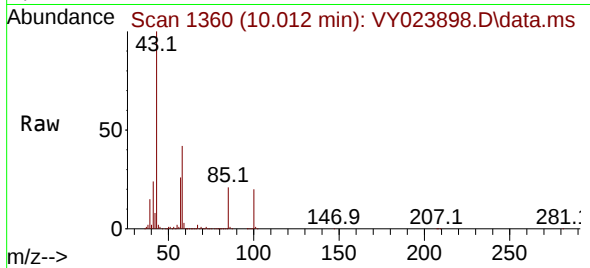




#51
4-Methyl-2-Pentanone
Concen: 238.618 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

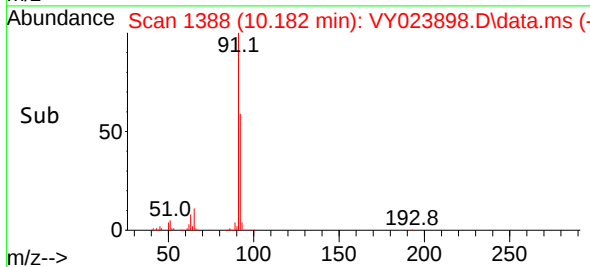
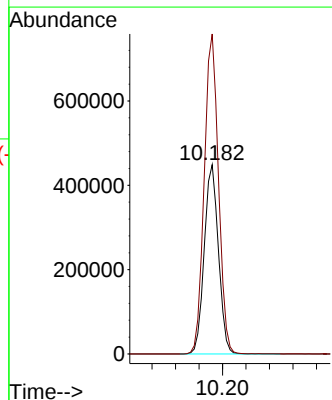
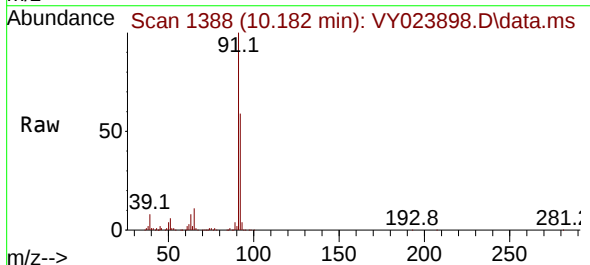
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

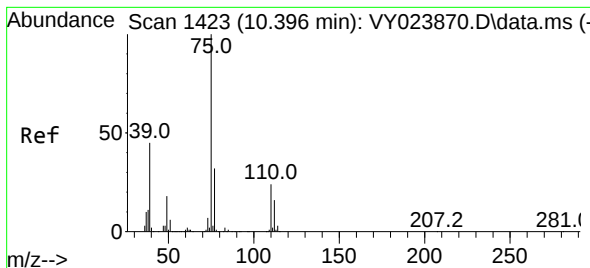
Tgt Ion: 43 Resp: 786717
Ion Ratio Lower Upper
43 100
58 42.2 31.8 47.8



#52
Toluene
Concen: 54.625 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 92 Resp: 750359
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9

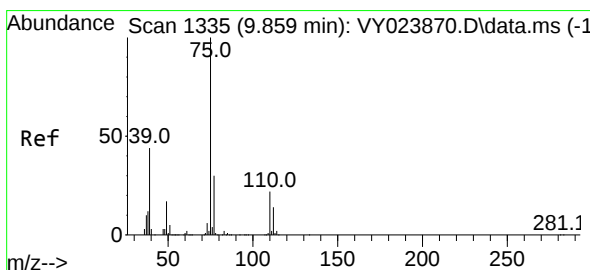
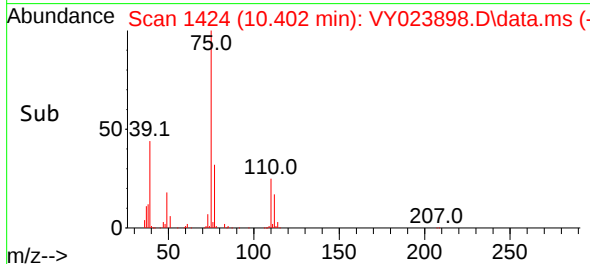
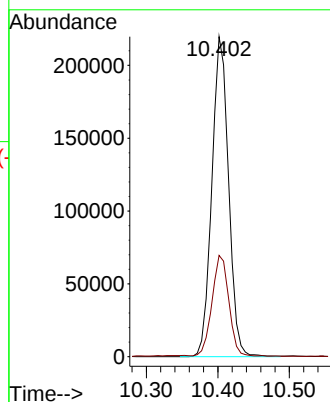
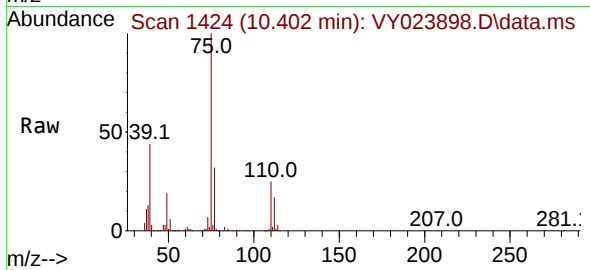




#53
t-1,3-Dichloropropene
Concen: 53.209 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

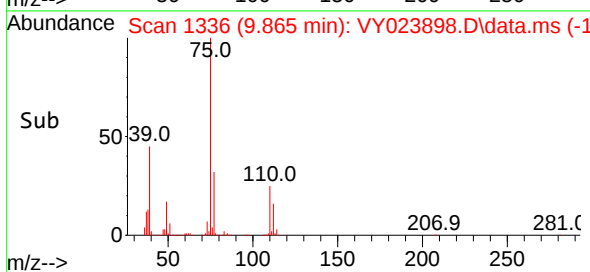
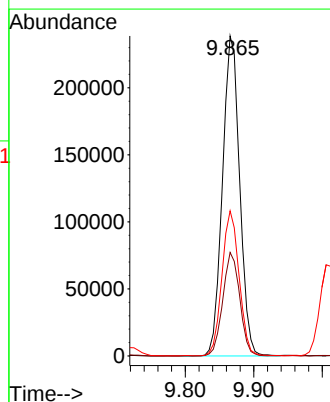
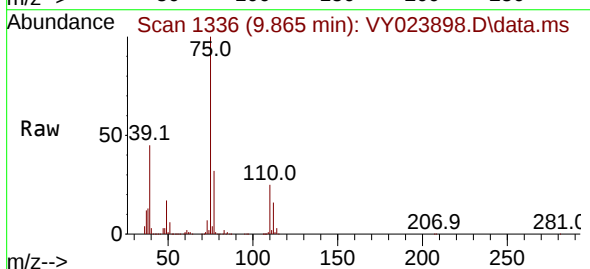
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

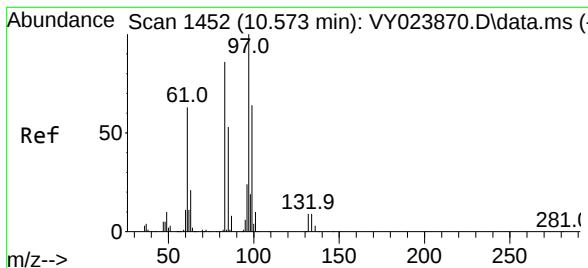
Tgt Ion: 75 Resp: 356260
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 52.642 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 75 Resp: 415056
Ion Ratio Lower Upper
75 100
77 32.3 23.8 35.6
39 45.3 35.5 53.3





#55

1,1,2-Trichloroethane

Concen: 55.042 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 208921

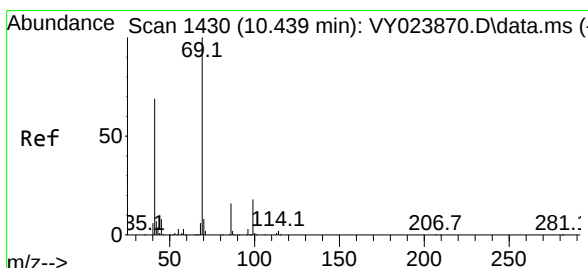
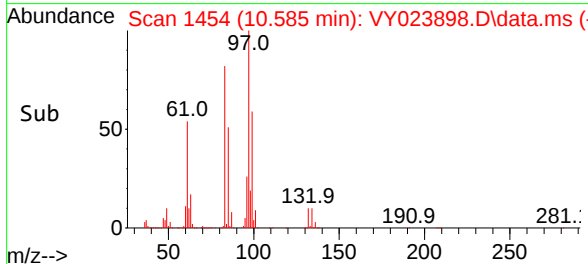
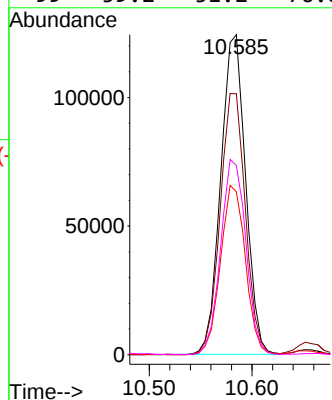
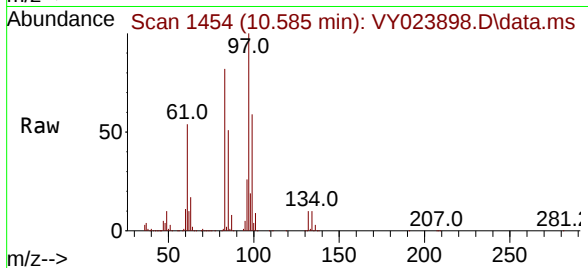
Ion Ratio Lower Upper

97 100

83 81.6 69.0 103.4

85 50.9 42.6 63.8

99 59.2 51.2 76.8



#56

Ethyl methacrylate

Concen: 47.525 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

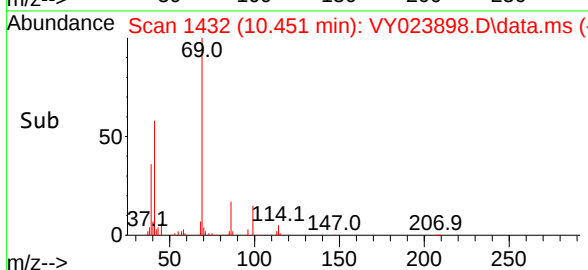
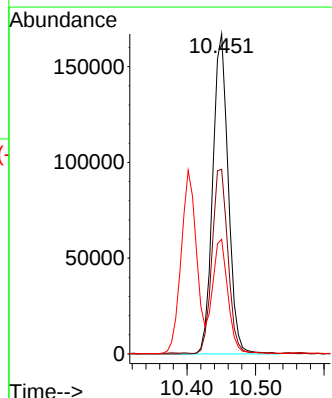
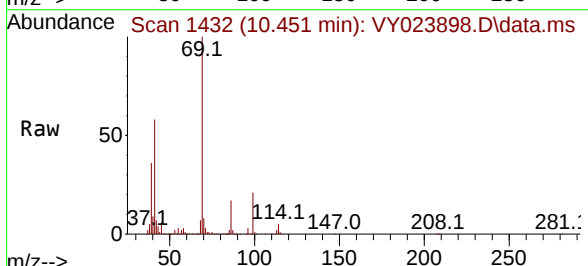
Tgt Ion: 69 Resp: 262112

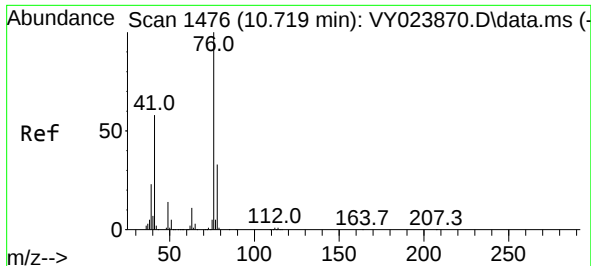
Ion Ratio Lower Upper

69 100

41 59.3 52.5 78.7

39 35.6 27.1 40.7





#57

1,3-Dichloropropane

Concen: 52.009 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

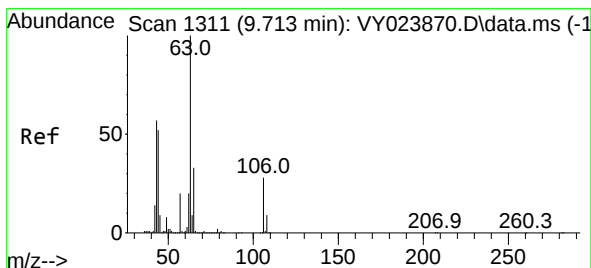
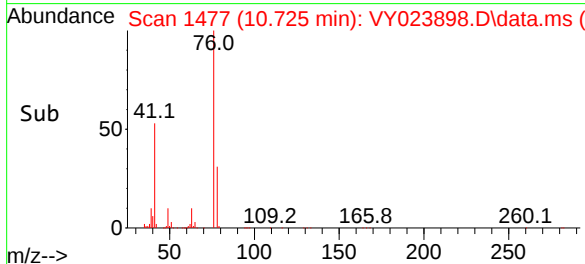
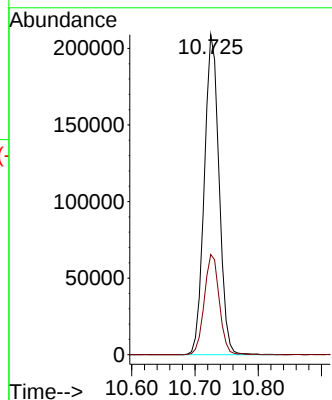
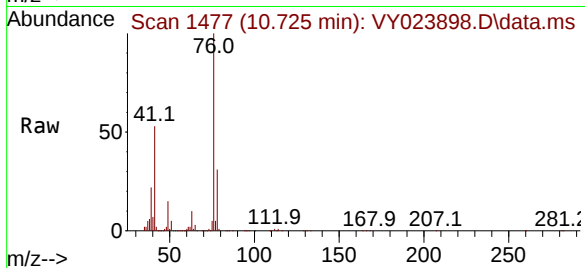
VSTDCCC050

Tgt Ion: 76 Resp: 340016

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 219.295 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023898.D

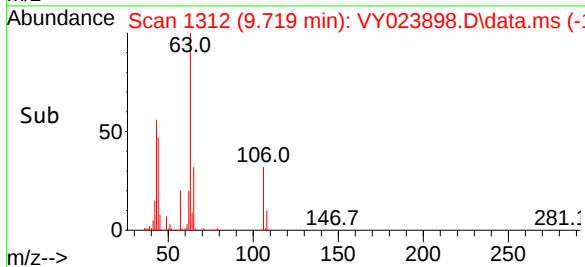
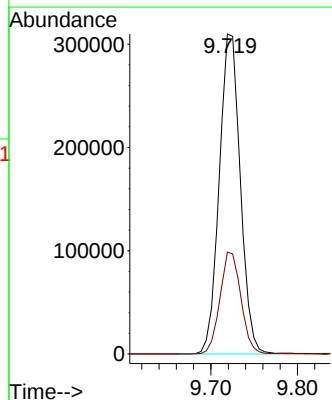
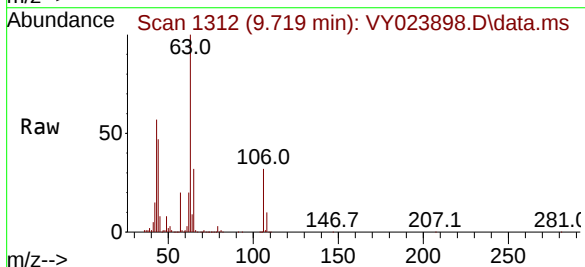
Acq: 09 Dec 2025 09:31

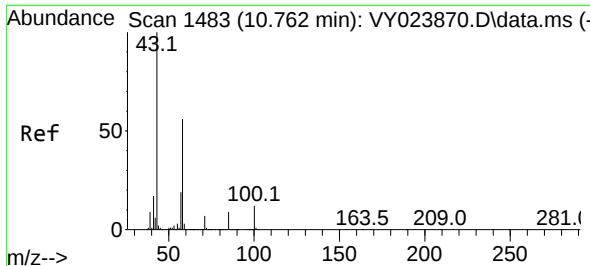
Tgt Ion: 63 Resp: 523783

Ion Ratio Lower Upper

63 100

106 31.7 22.5 33.7

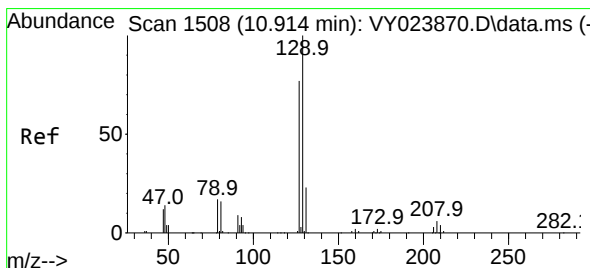
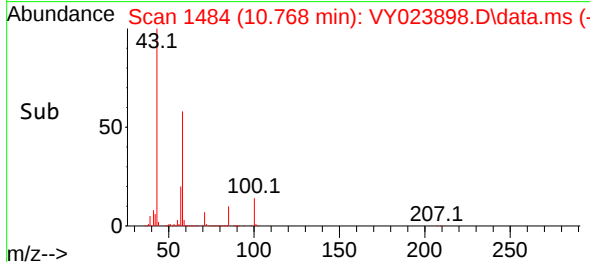
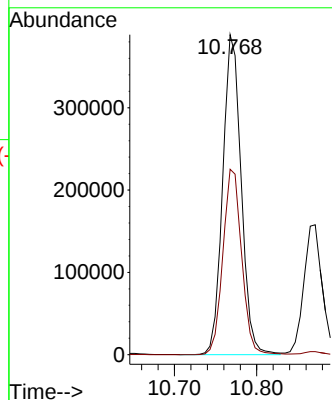
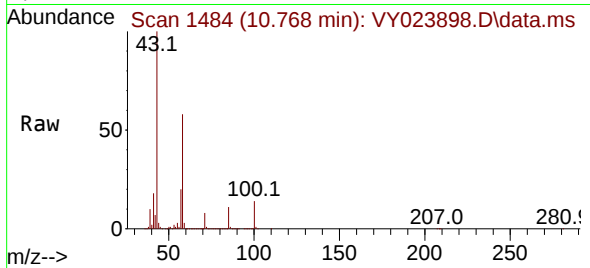




#59
2-Hexanone
Concen: 243.864 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

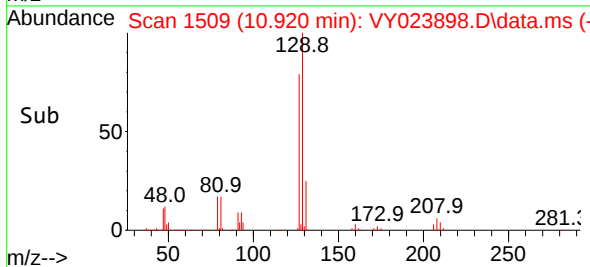
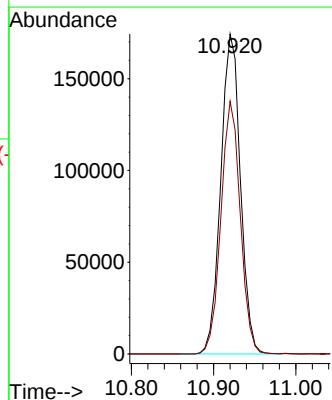
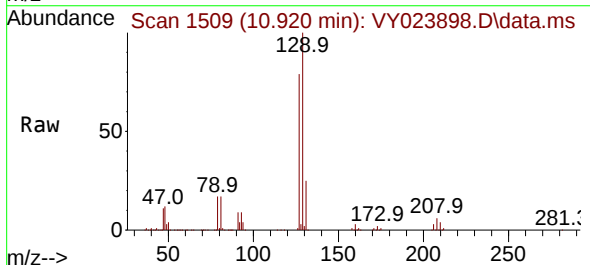
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

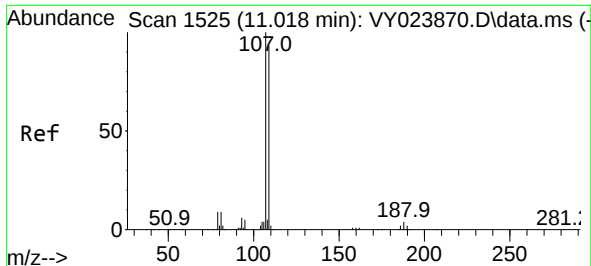
Tgt Ion: 43 Resp: 606387
Ion Ratio Lower Upper
43 100
58 58.9 27.7 83.1



#60
Dibromochloromethane
Concen: 56.945 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 129 Resp: 289832
Ion Ratio Lower Upper
129 100
127 77.9 38.0 114.0

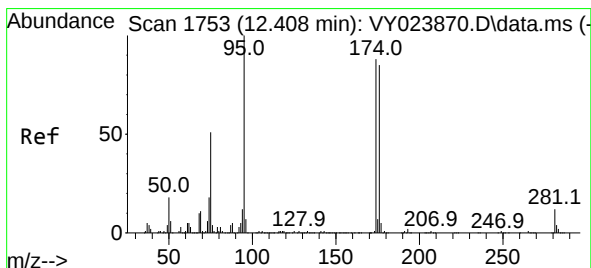
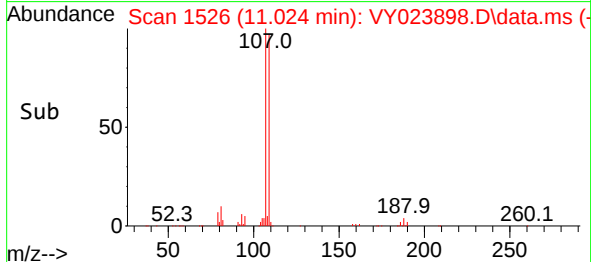
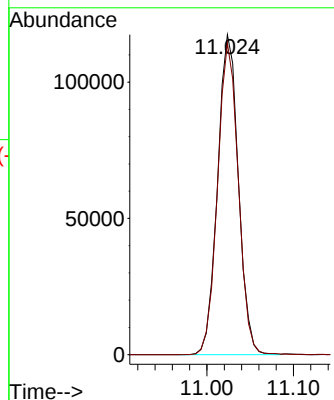
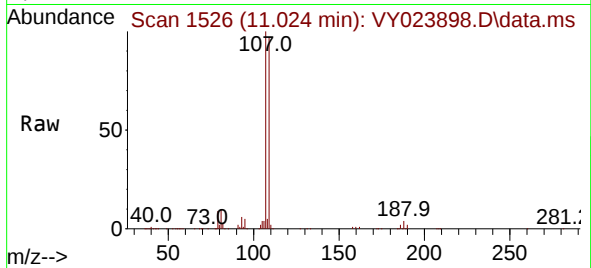




#61
1,2-Dibromoethane
Concen: 56.591 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

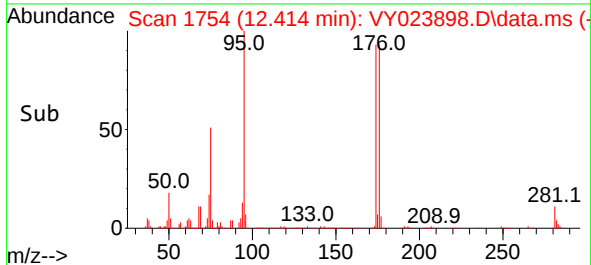
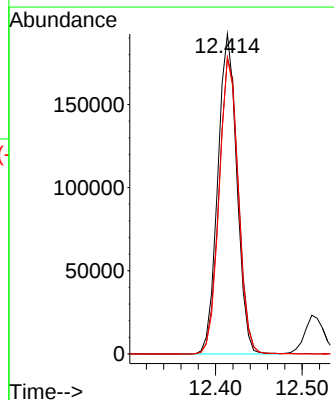
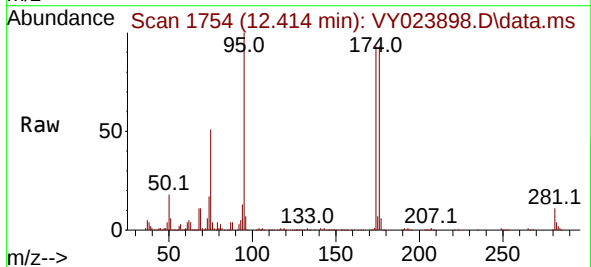
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

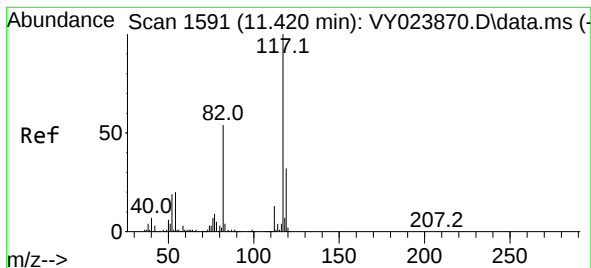
Tgt Ion:107 Resp: 195760
Ion Ratio Lower Upper
107 100
109 97.1 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 45.083 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 95 Resp: 294495
Ion Ratio Lower Upper
95 100
174 94.5 0.0 169.6
176 92.1 0.0 164.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

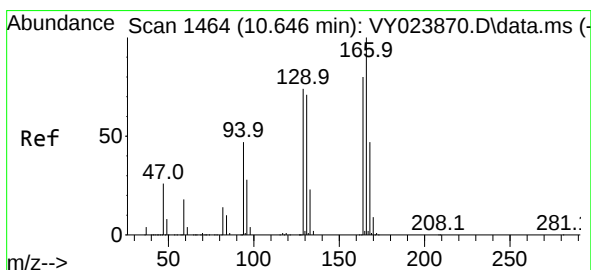
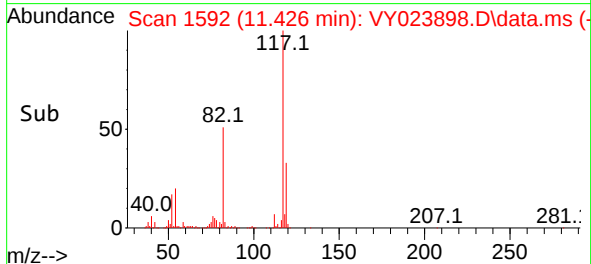
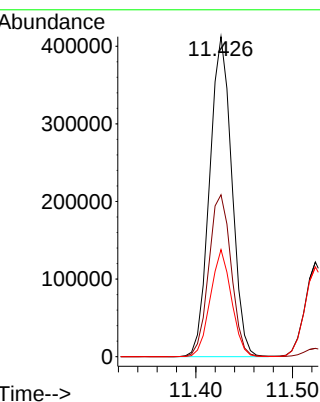
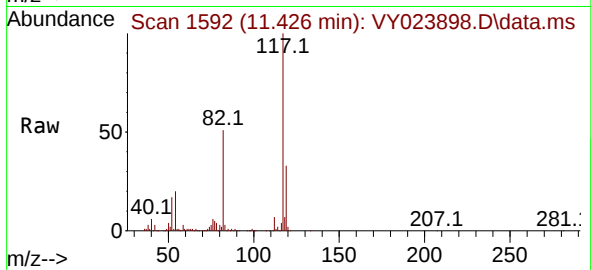
Tgt Ion:117 Resp: 656122

Ion Ratio Lower Upper

117 100

82 50.6 43.1 64.7

119 33.4 26.0 39.0



#64

Tetrachloroethene

Concen: 60.784 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Tgt Ion:164 Resp: 390281

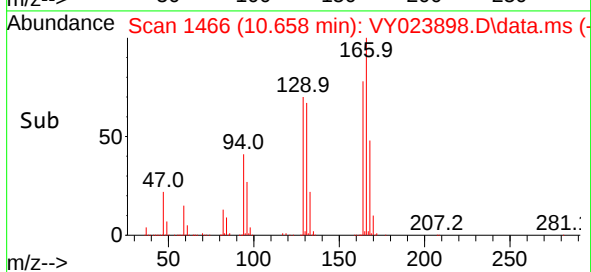
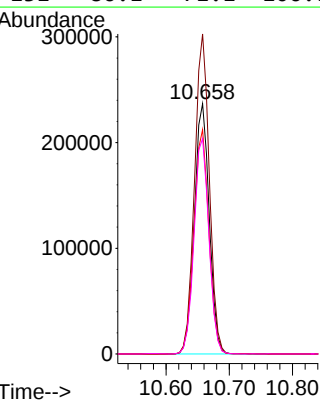
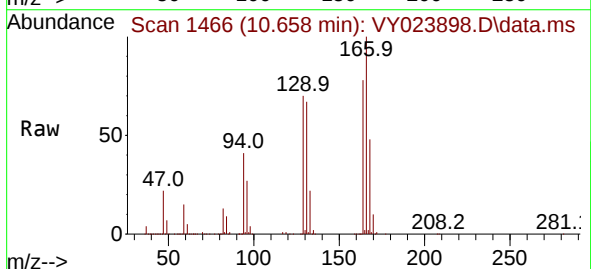
Ion Ratio Lower Upper

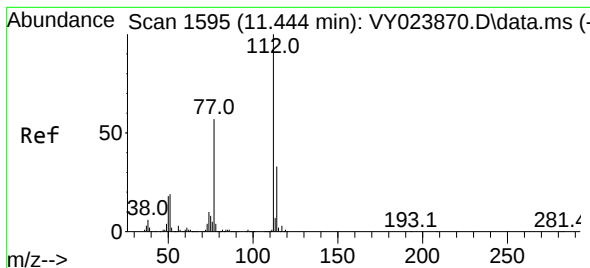
164 100

166 127.9 100.2 150.4

129 89.6 74.4 111.6

131 86.1 71.1 106.7





#65

Chlorobenzene

Concen: 55.552 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

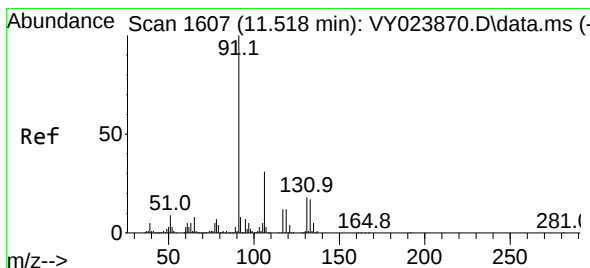
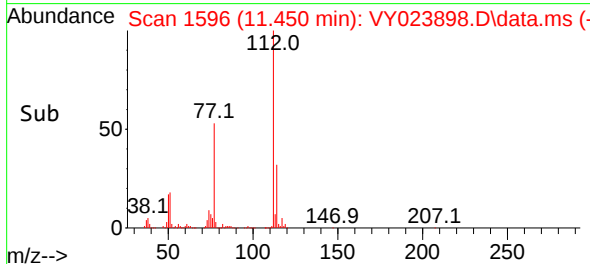
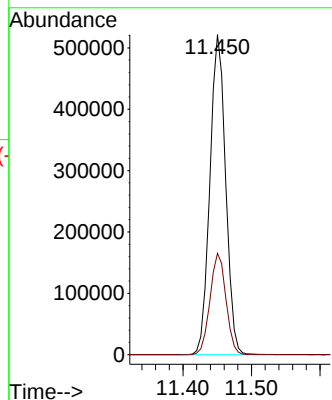
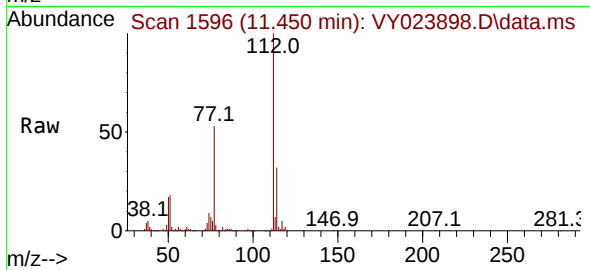
VSTDCCC050

Tgt Ion:112 Resp: 831929

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 57.301 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

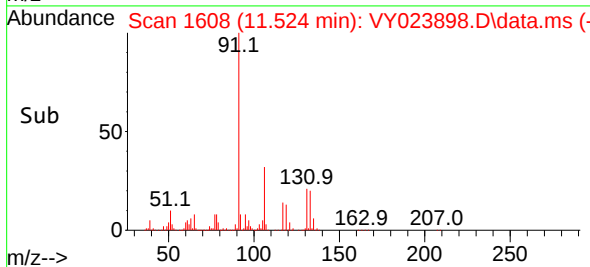
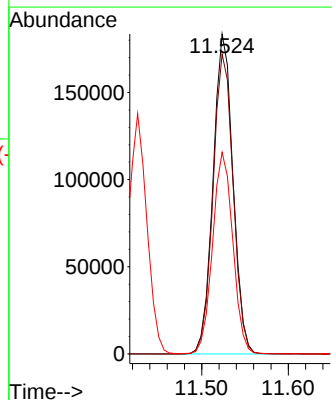
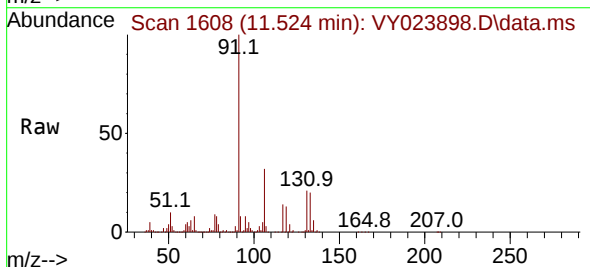
Tgt Ion:131 Resp: 292783

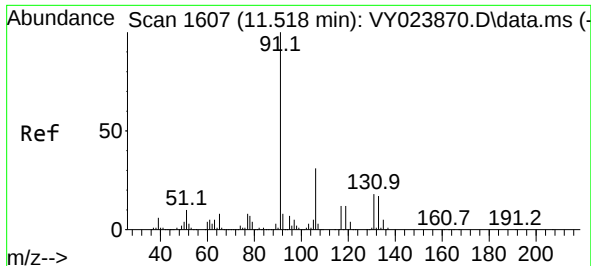
Ion Ratio Lower Upper

131 100

133 95.0 47.7 143.1

119 64.0 32.5 97.4





#67

Ethyl Benzene

Concen: 54.740 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

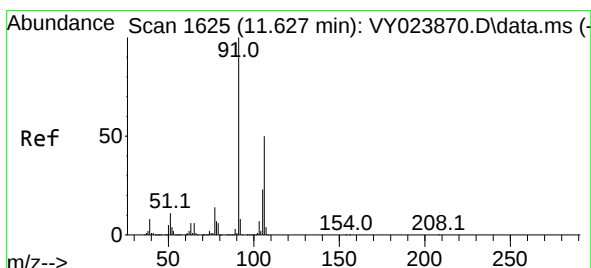
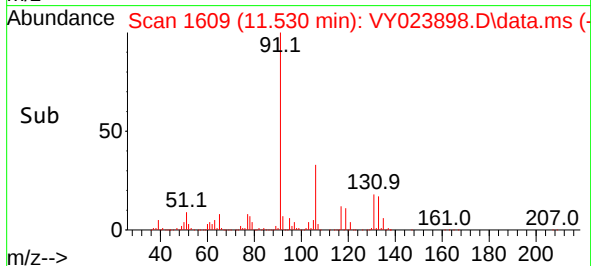
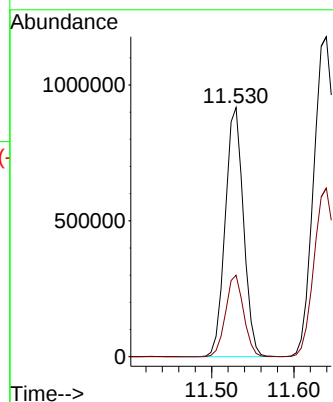
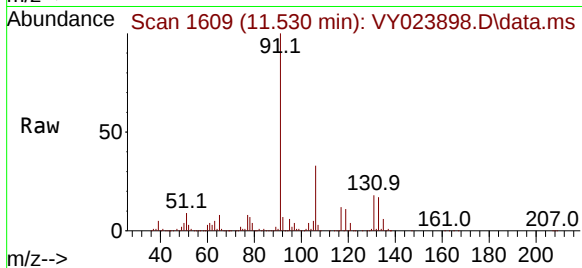
VSTDCCC050

Tgt Ion: 91 Resp: 1417221

Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.6



#68

m/p-Xylenes

Concen: 113.488 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.012 min

Lab File: VY023898.D

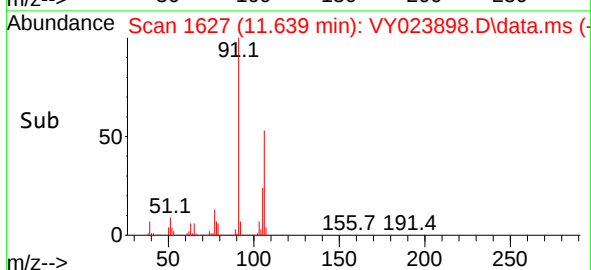
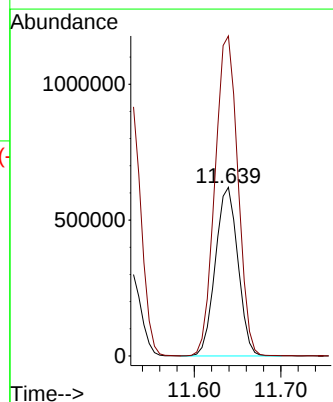
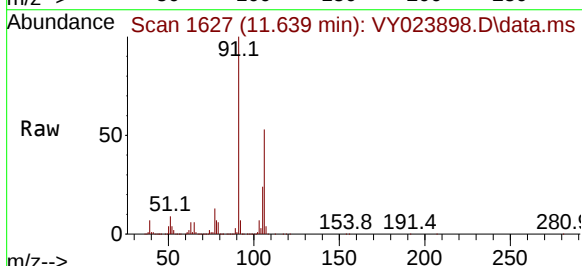
Acq: 09 Dec 2025 09:31

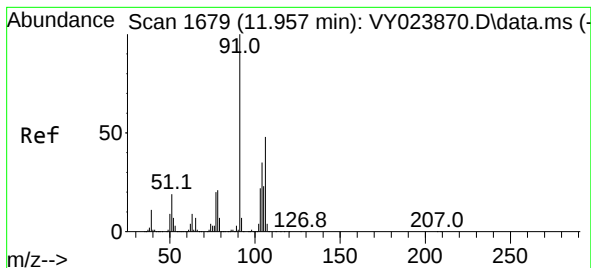
Tgt Ion:106 Resp: 1123033

Ion Ratio Lower Upper

106 100

91 192.7 159.7 239.5





#69

o-Xylene

Concen: 57.117 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

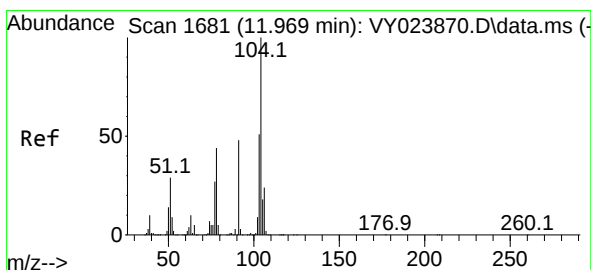
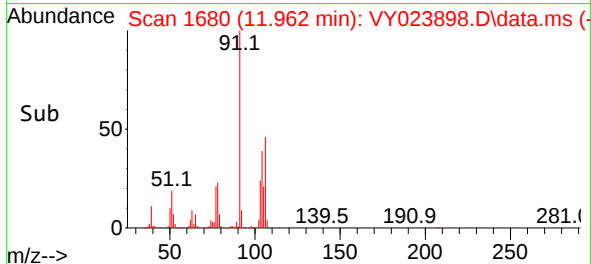
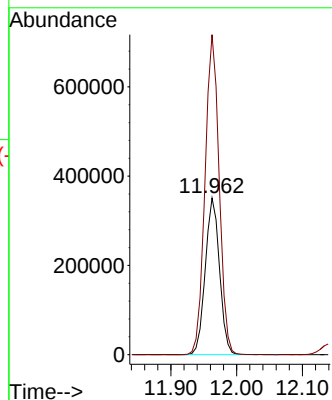
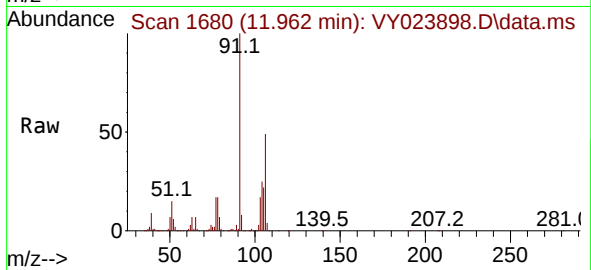
VSTDCCC050

Tgt Ion:106 Resp: 528655

Ion Ratio Lower Upper

106 100

91 202.9 104.4 313.1



#70

Styrene

Concen: 56.010 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

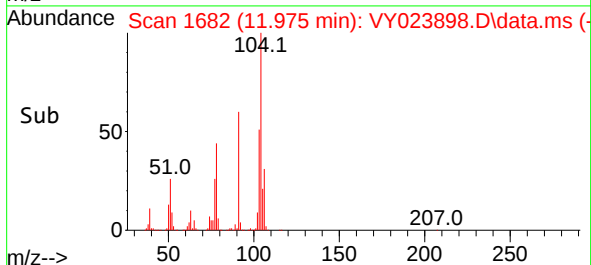
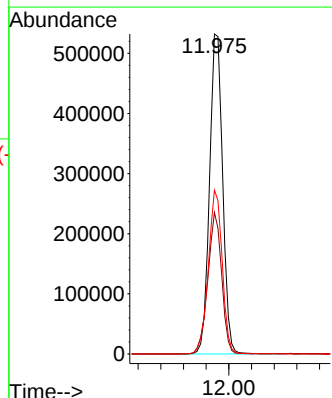
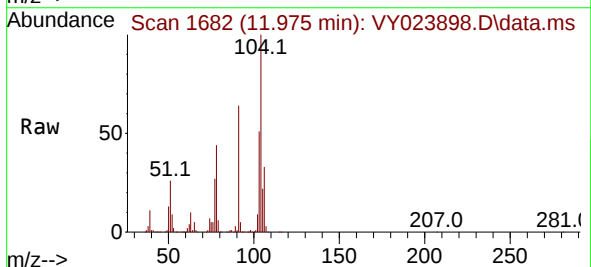
Tgt Ion:104 Resp: 854570

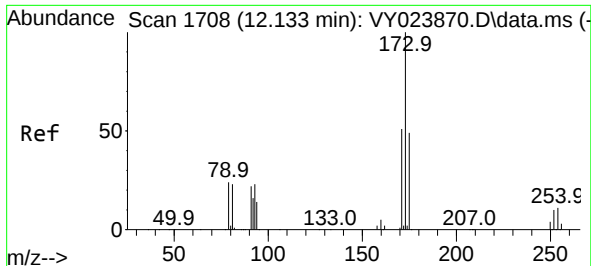
Ion Ratio Lower Upper

104 100

78 46.4 38.8 58.2

103 54.2 43.9 65.9

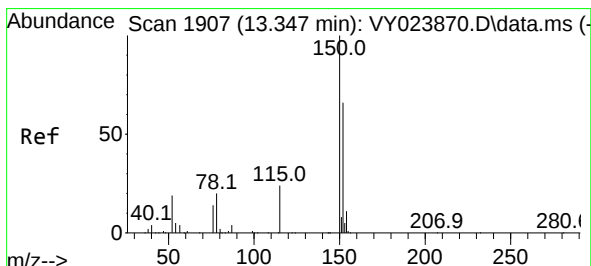
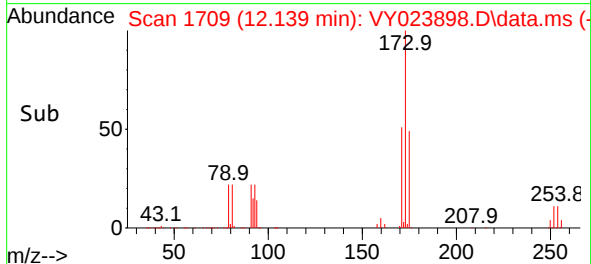
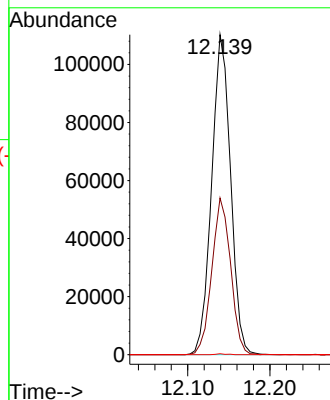
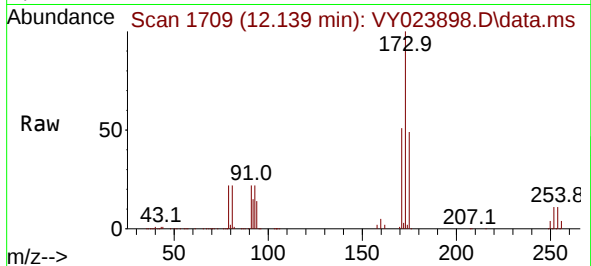




#71
Bromoform
Concen: 61.057 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

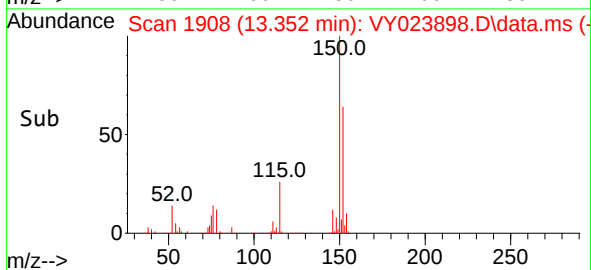
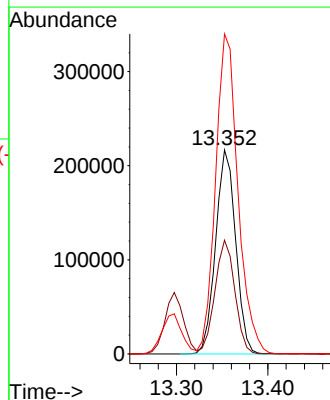
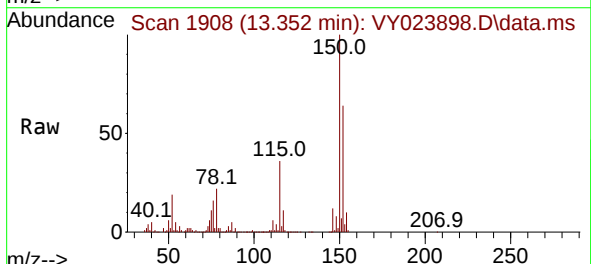
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

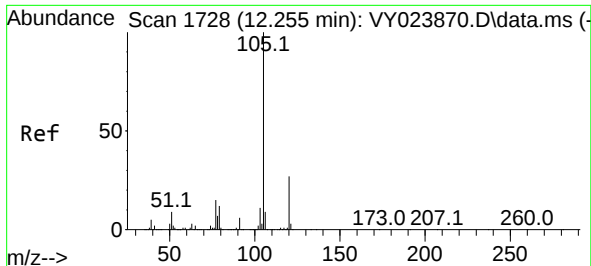
Tgt Ion:173 Resp: 176275
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion:152 Resp: 330824
Ion Ratio Lower Upper
152 100
115 55.3 28.8 86.4
150 174.8 0.0 352.2

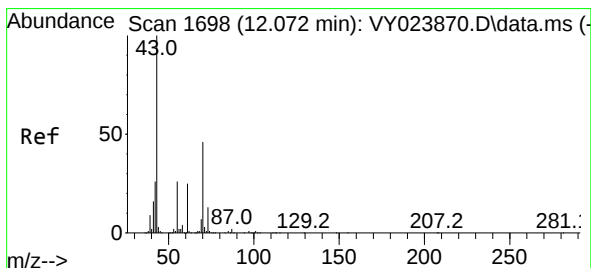
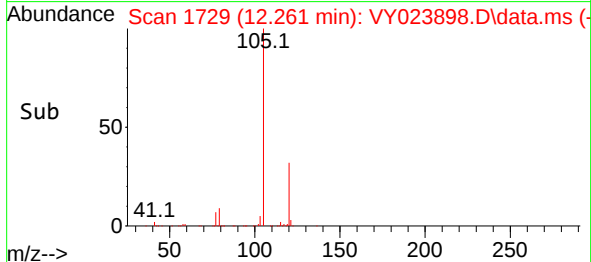
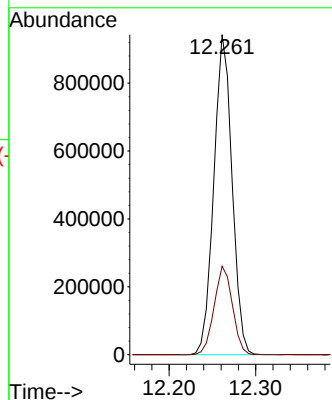
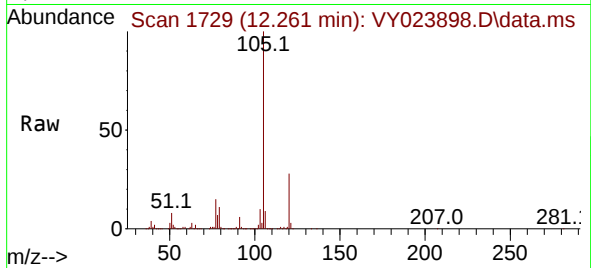




#73
Isopropylbenzene
Concen: 56.513 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

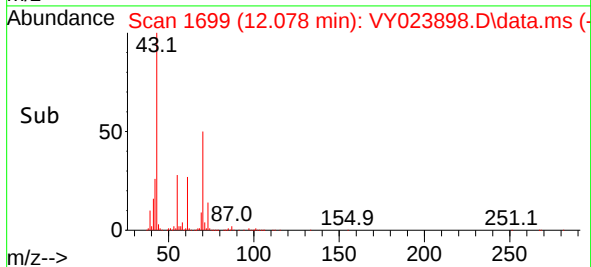
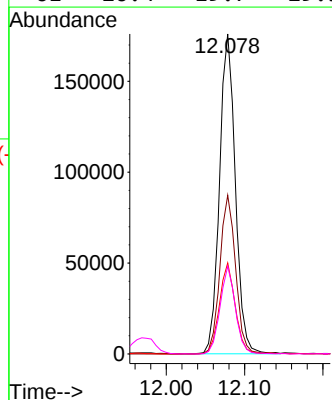
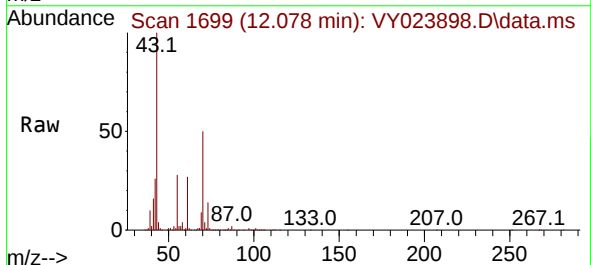
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

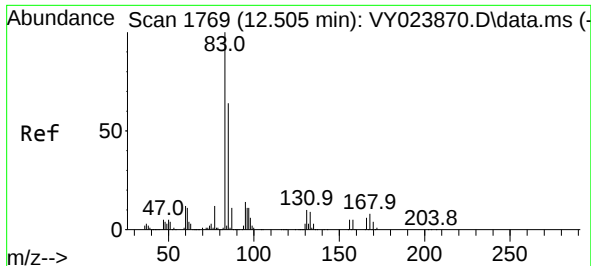
Tgt Ion:105 Resp: 1377460
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 46.968 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 43 Resp: 248108
Ion Ratio Lower Upper
43 100
70 49.4 35.5 53.3
55 28.7 21.1 31.7
61 26.4 19.7 29.5

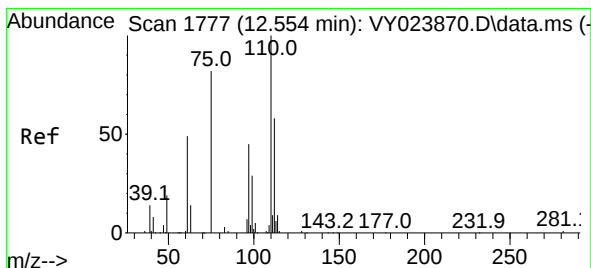
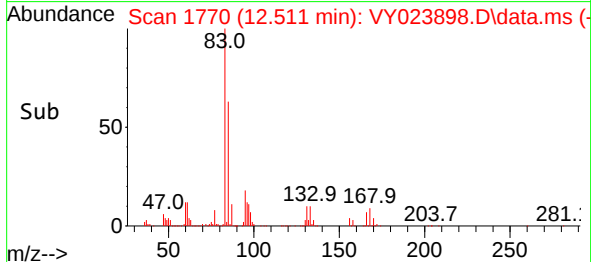
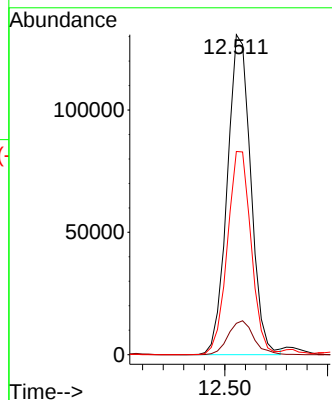
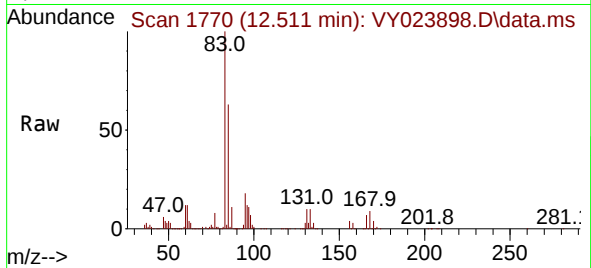




#75
1,1,2,2-Tetrachloroethane
Concen: 52.928 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

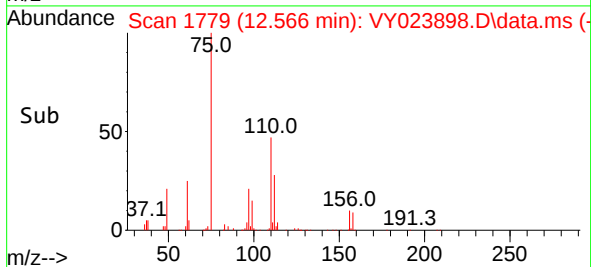
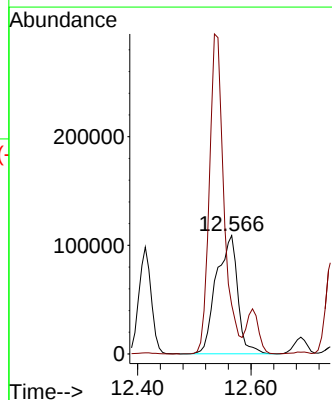
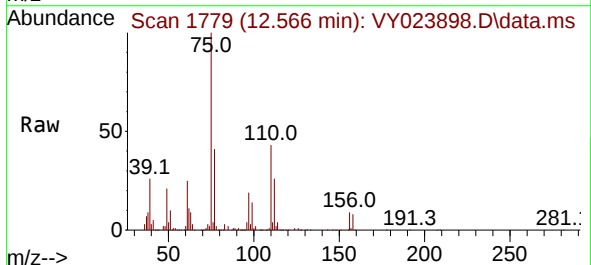
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

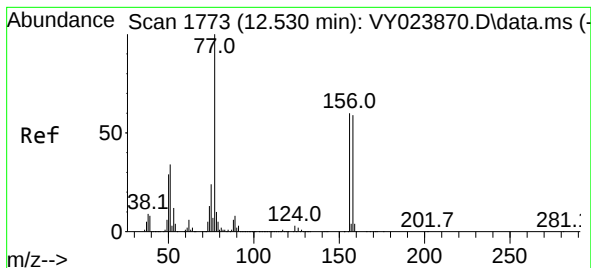
Tgt Ion: 83 Resp: 208142
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.9
85 64.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 87.187 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 75 Resp: 285946
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.759 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

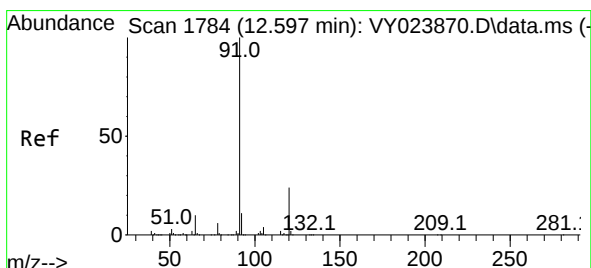
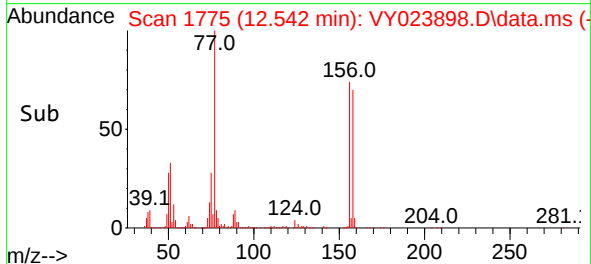
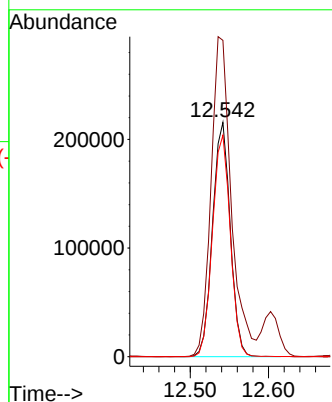
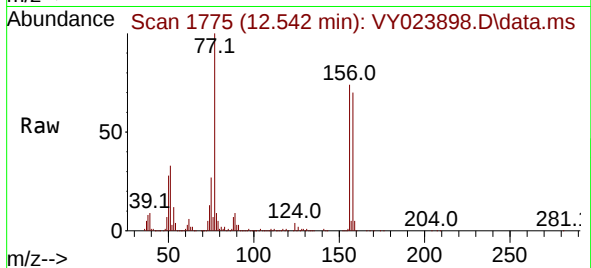
Tgt Ion:156 Resp: 338282

Ion Ratio Lower Upper

156 100

77 156.9 89.6 268.9

158 95.6 48.6 145.8



#78

n-propylbenzene

Concen: 53.691 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY023898.D

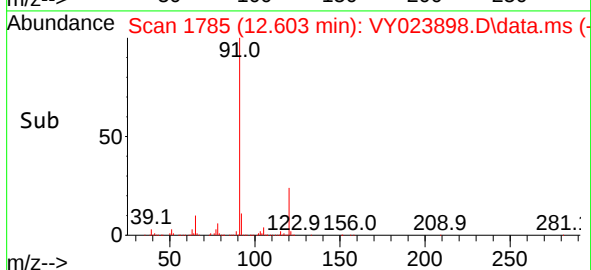
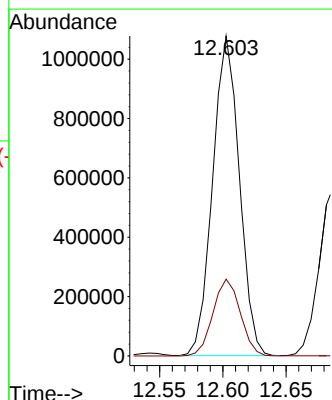
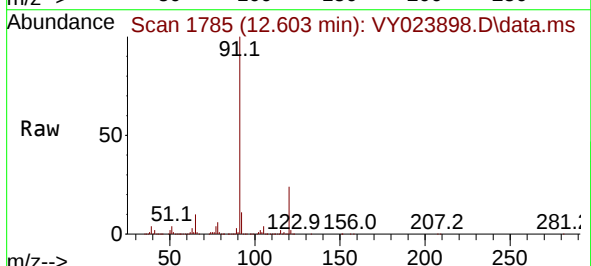
Acq: 09 Dec 2025 09:31

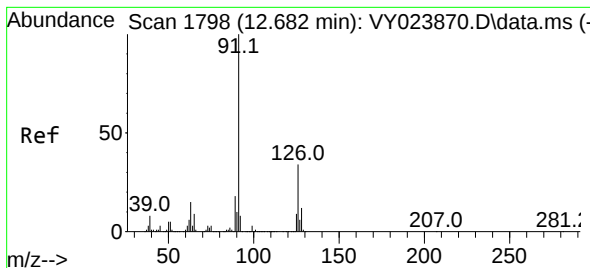
Tgt Ion: 91 Resp: 1579157

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.5

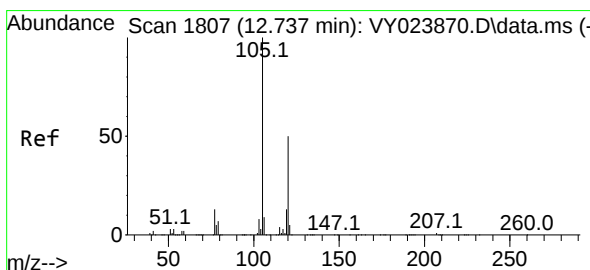
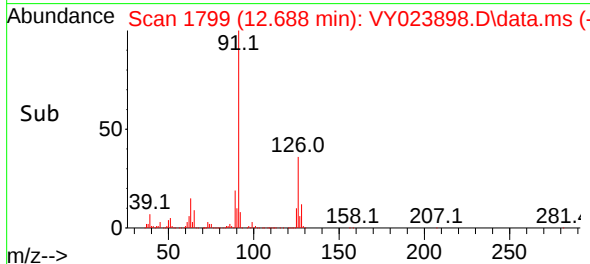
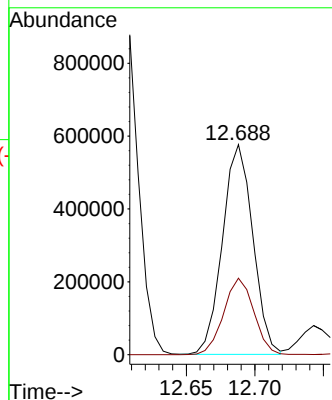
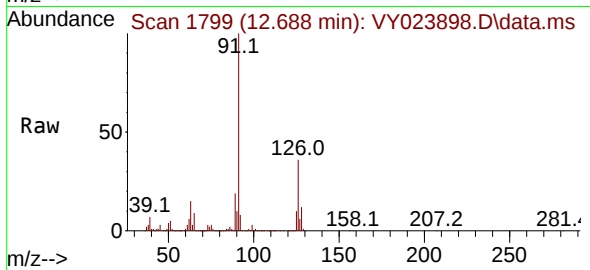




#79
2-Chlorotoluene
Concen: 53.180 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

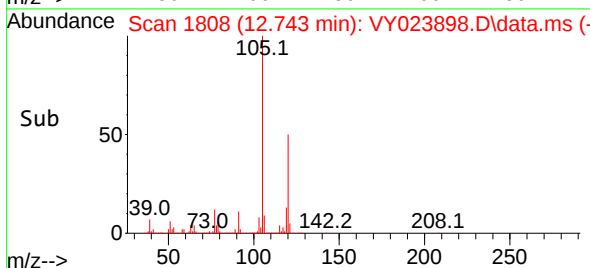
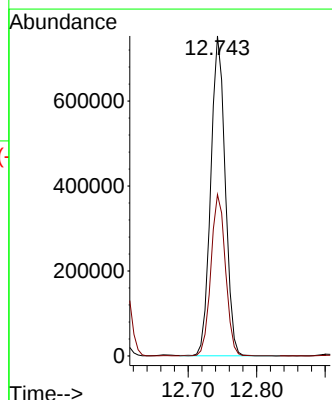
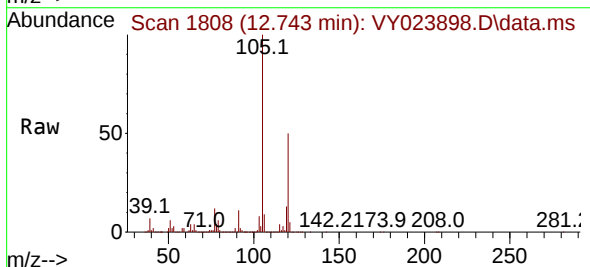
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

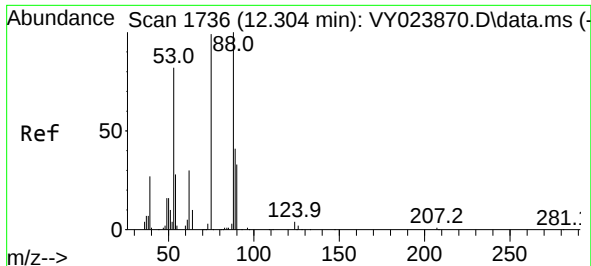
Tgt Ion: 91 Resp: 888309
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.663 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 105 Resp: 1102395
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

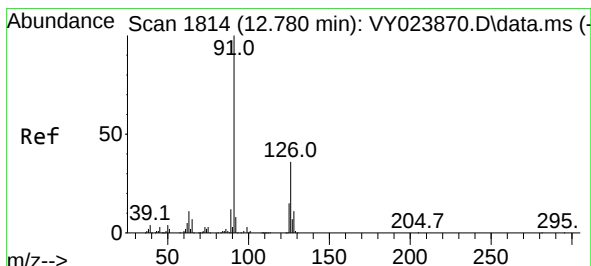
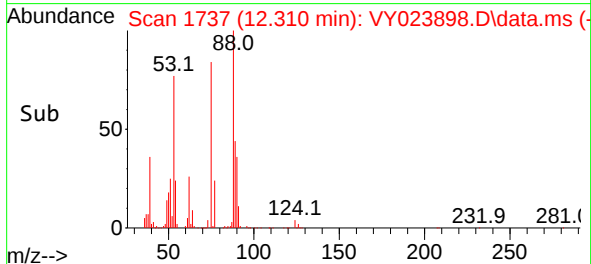
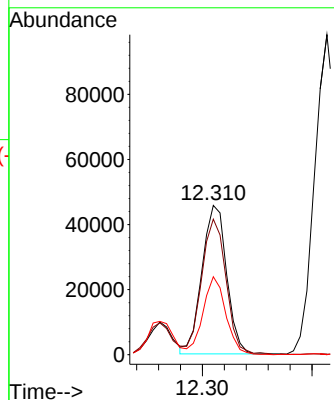
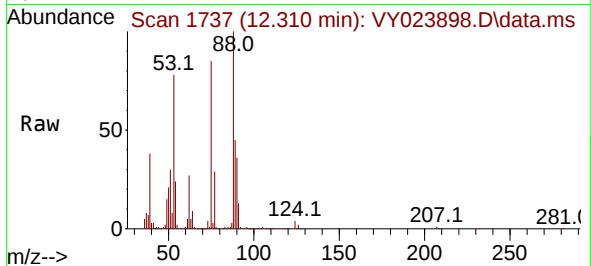




#81
trans-1,4-Dichloro-2-butene
Concen: 52.225 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

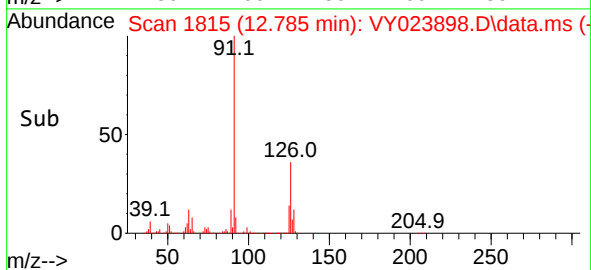
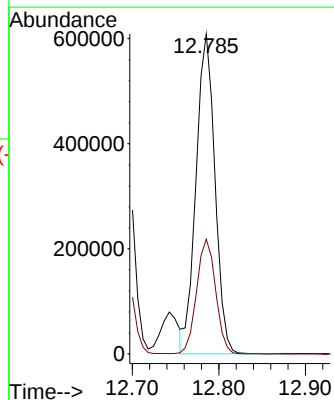
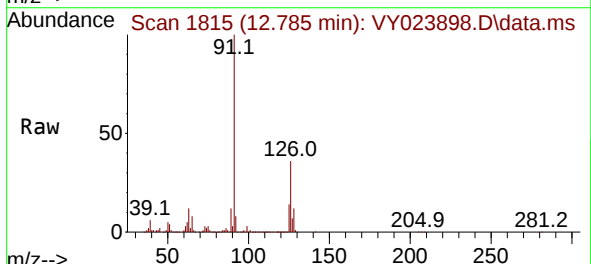
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

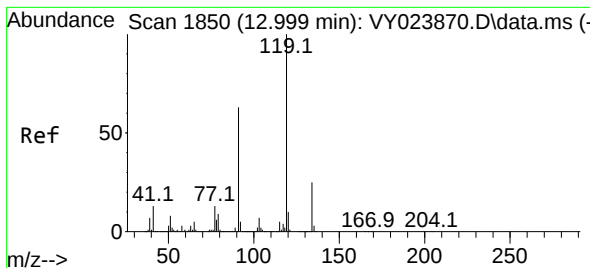
Tgt Ion: 75 Resp: 71514
Ion Ratio Lower Upper
75 100
53 89.6 71.1 106.7
89 48.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 53.195 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion: 91 Resp: 921212
Ion Ratio Lower Upper
91 100
126 36.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 56.307 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

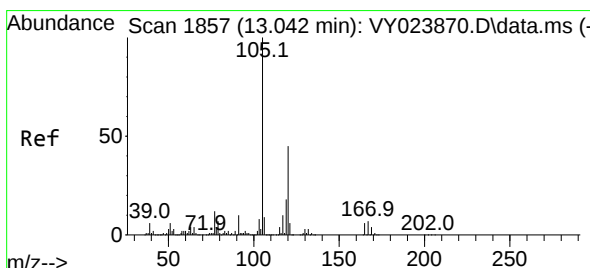
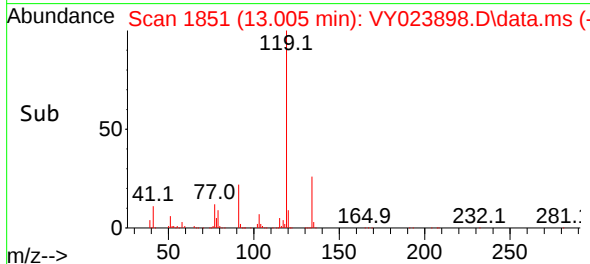
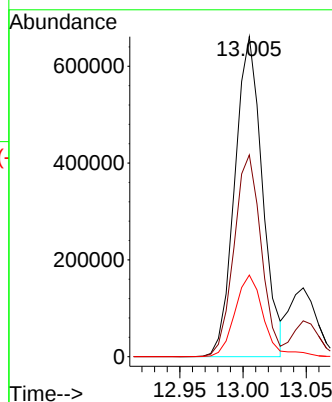
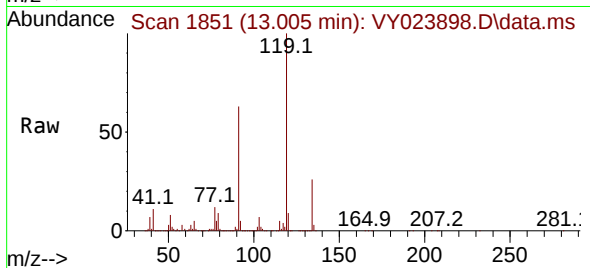
Tgt Ion:119 Resp: 1005343

Ion Ratio Lower Upper

119 100

91 62.0 31.8 95.3

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 55.103 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023898.D

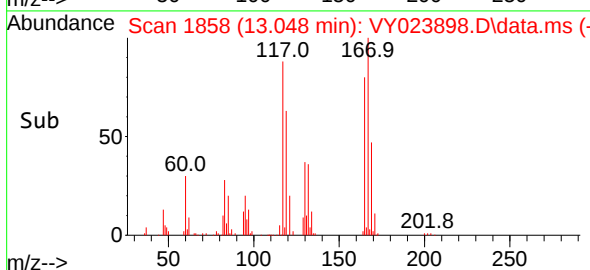
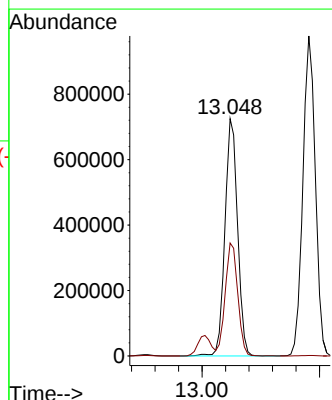
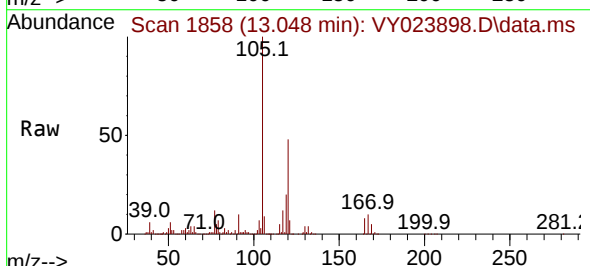
Acq: 09 Dec 2025 09:31

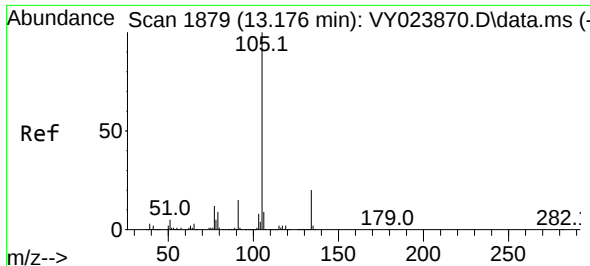
Tgt Ion:105 Resp: 1081122

Ion Ratio Lower Upper

105 100

120 47.2 22.4 67.3

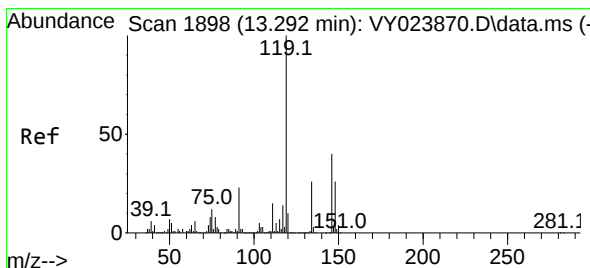
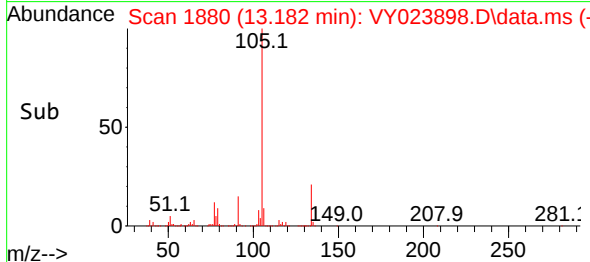
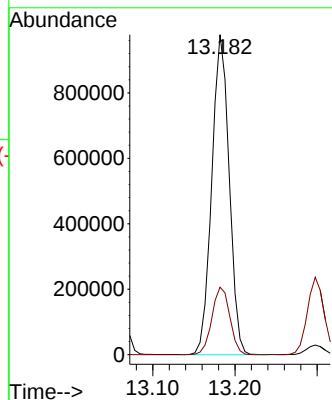
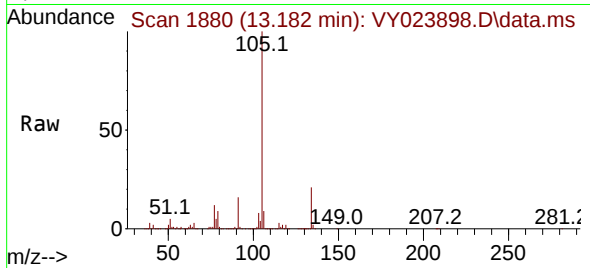




#85
 sec-Butylbenzene
 Concen: 54.096 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023898.D
 Acq: 09 Dec 2025 09:31

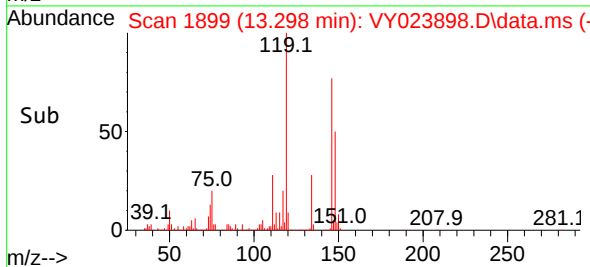
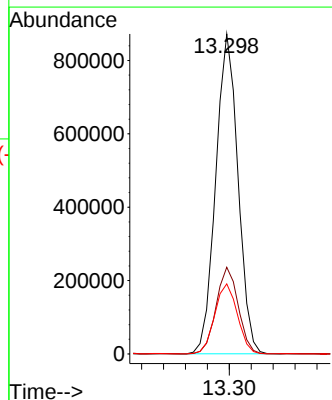
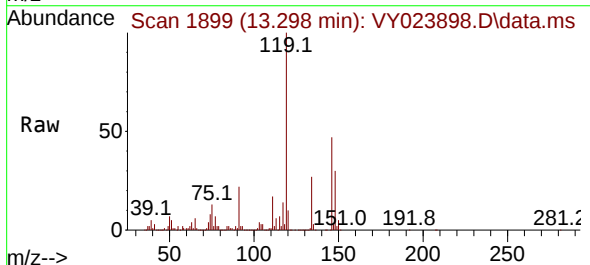
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

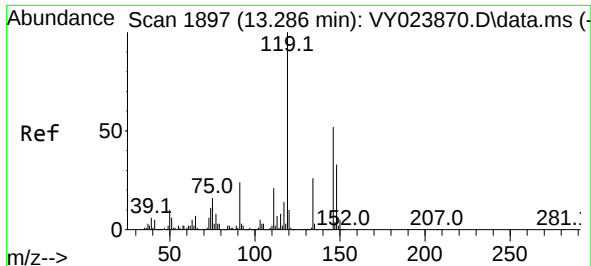
Tgt Ion:105 Resp: 1436764
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 55.836 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023898.D
 Acq: 09 Dec 2025 09:31

Tgt Ion:119 Resp: 1227881
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.1
 91 22.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 55.689 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.012 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

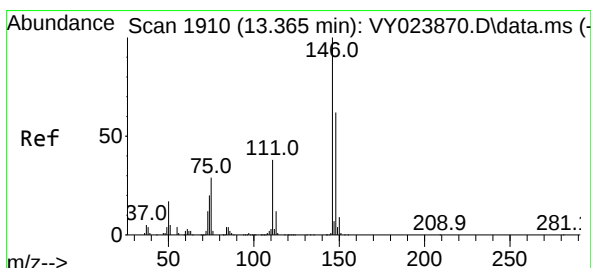
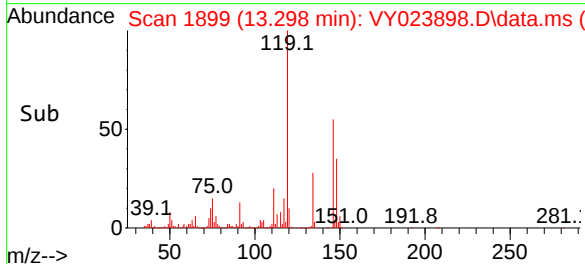
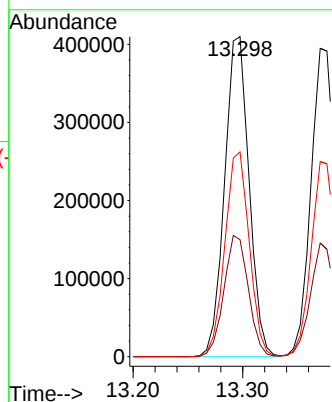
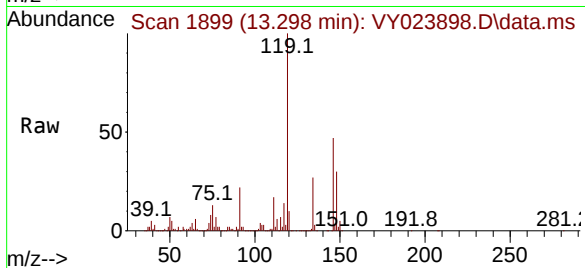
Tgt Ion:146 Resp: 635110

Ion Ratio Lower Upper

146 100

111 37.9 20.0 60.0

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 55.843 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

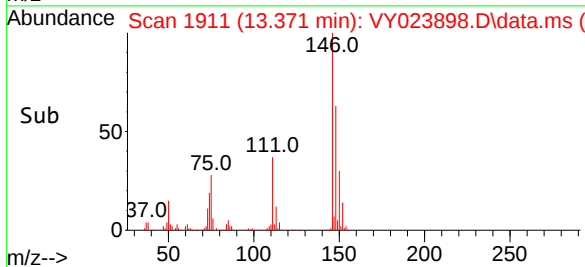
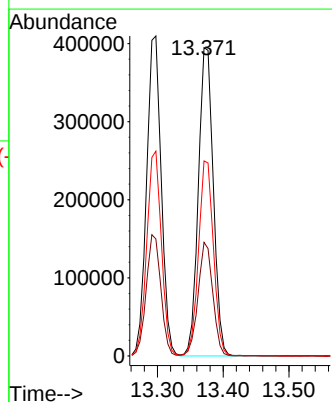
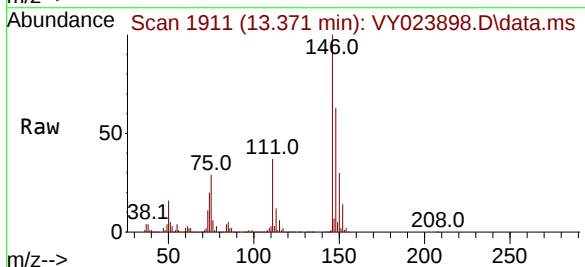
Tgt Ion:146 Resp: 624572

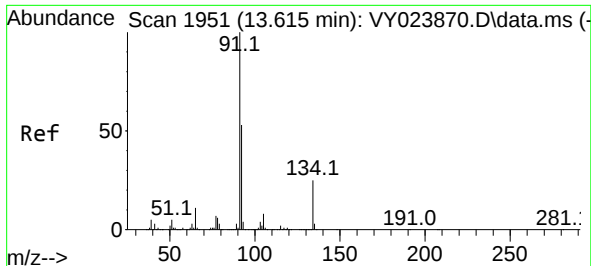
Ion Ratio Lower Upper

146 100

111 36.2 19.4 58.1

148 63.0 32.0 96.2





#89

n-Butylbenzene

Concen: 52.031 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

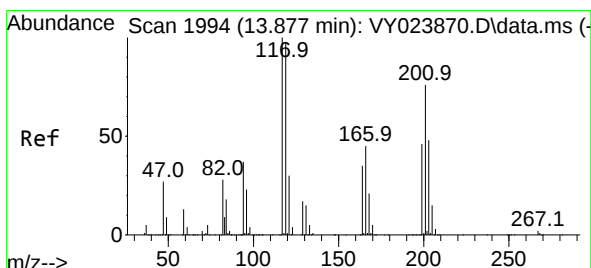
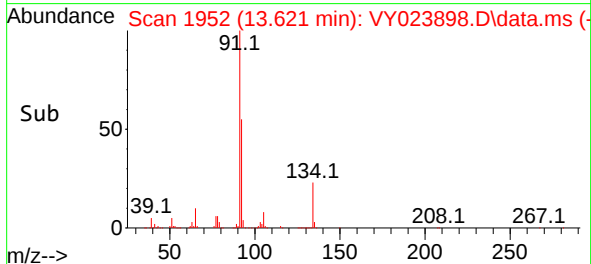
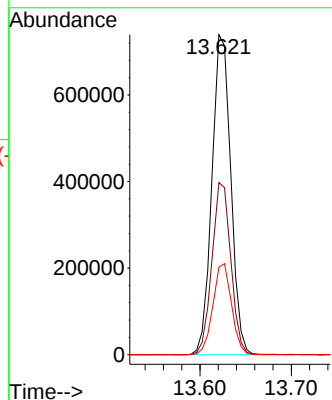
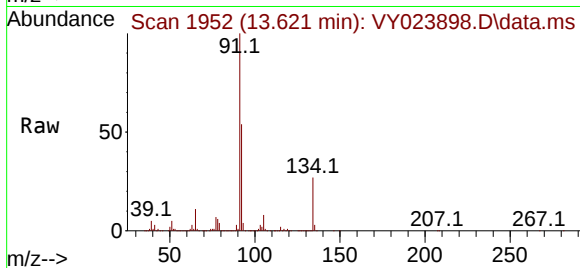
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1059026

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.0
134	28.1	13.0	39.0



#90

Hexachloroethane

Concen: 52.890 ug/l

RT: 13.889 min Scan# 1996

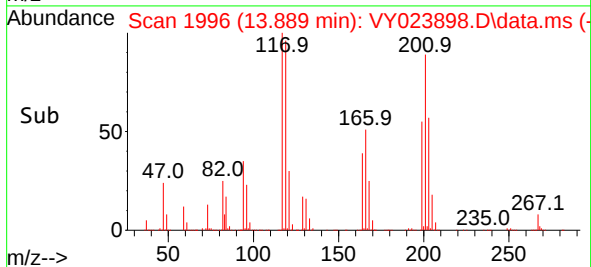
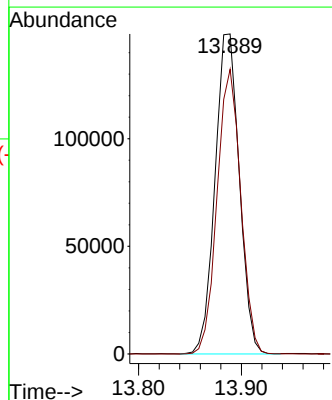
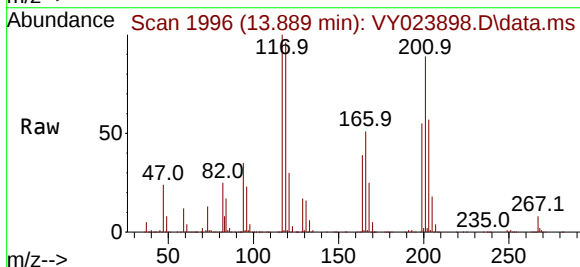
Delta R.T. 0.012 min

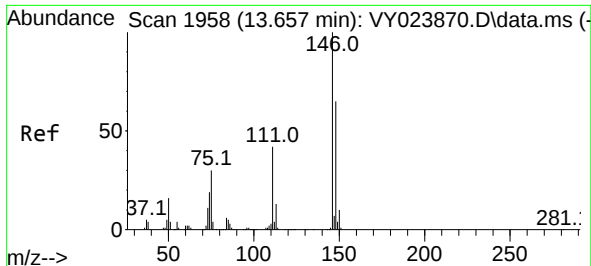
Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Tgt Ion: 117 Resp: 244002

Ion	Ratio	Lower	Upper
117	100		
201	86.4	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 55.574 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

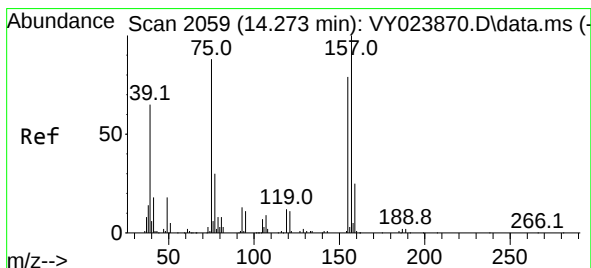
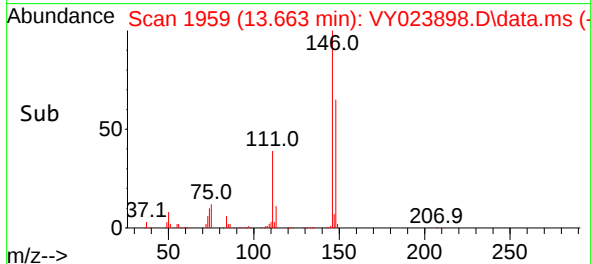
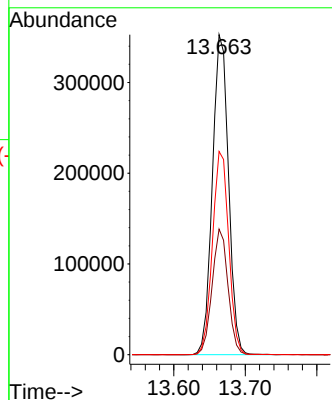
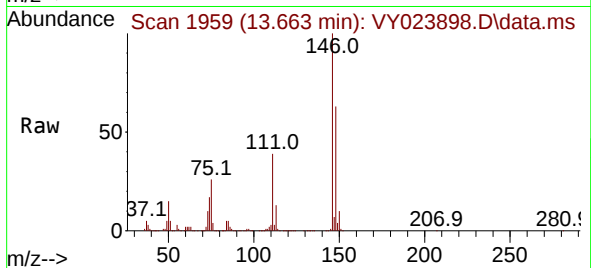
Tgt Ion:146 Resp: 551267

Ion Ratio Lower Upper

146 100

111 38.7 20.4 61.3

148 64.1 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.811 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023898.D

Acq: 09 Dec 2025 09:31

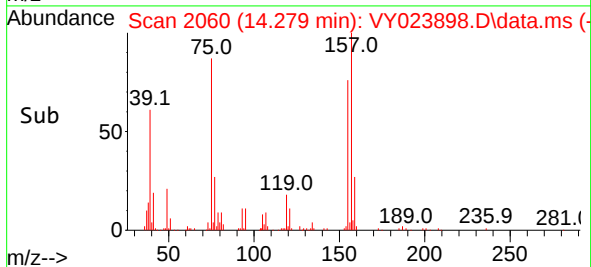
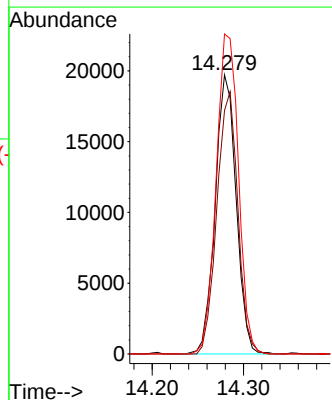
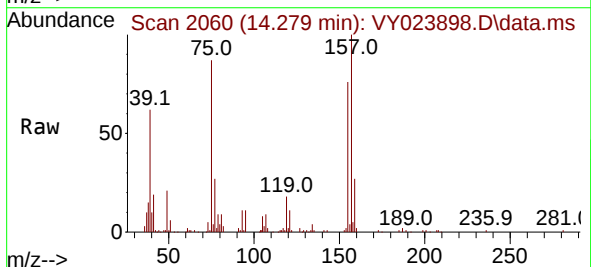
Tgt Ion: 75 Resp: 31418

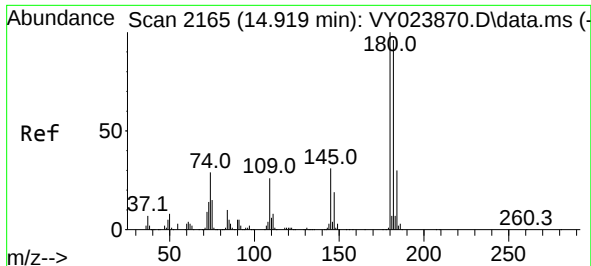
Ion Ratio Lower Upper

75 100

155 94.0 44.4 133.2

157 121.8 57.5 172.3

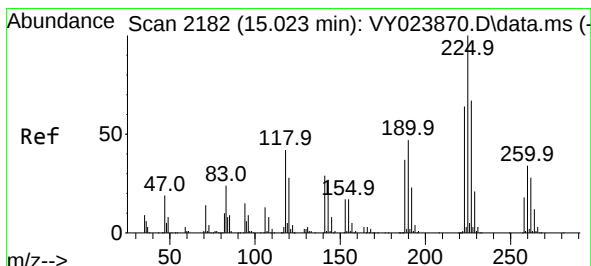
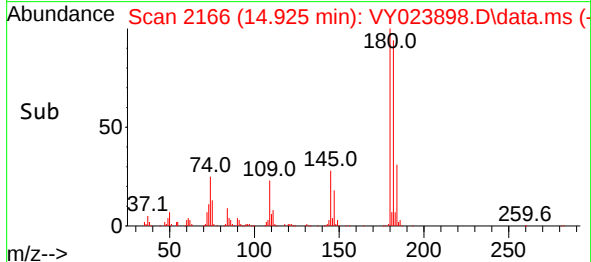
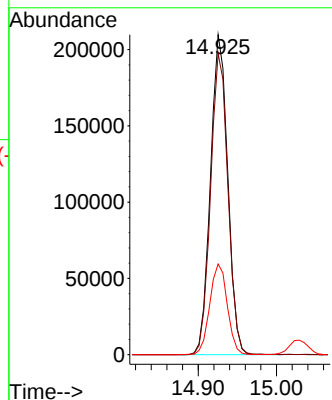
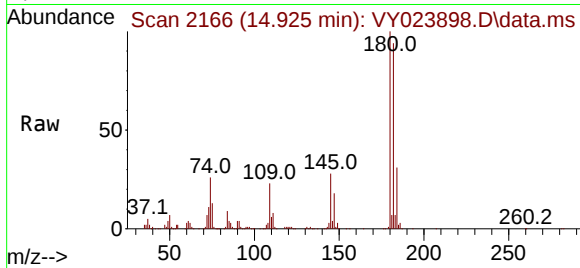




#93
1,2,4-Trichlorobenzene
Concen: 54.665 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

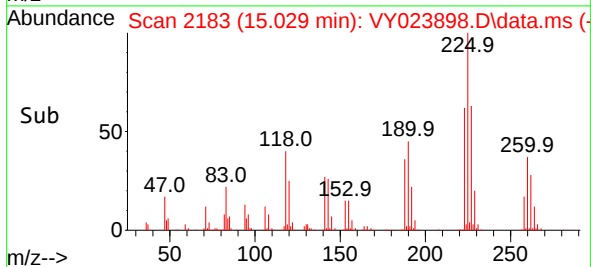
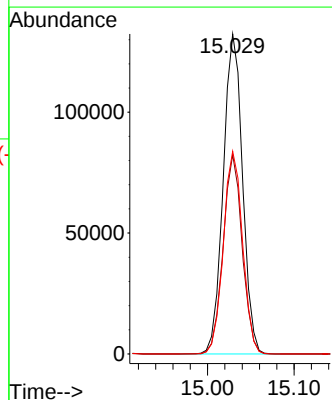
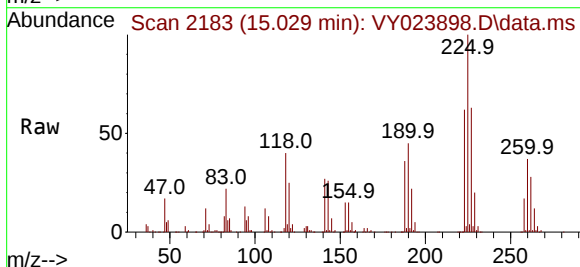
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

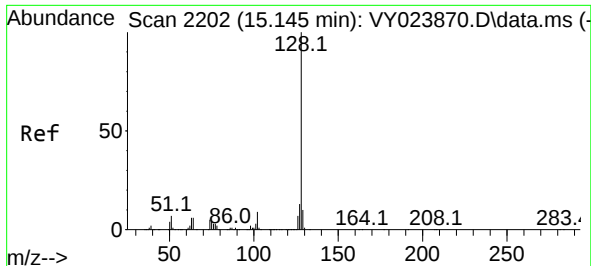
Tgt Ion:180 Resp: 321491
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 28.7 15.2 45.5



#94
Hexachlorobutadiene
Concen: 55.433 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion:225 Resp: 204538
Ion Ratio Lower Upper
225 100
223 61.5 31.6 95.0
227 63.1 32.6 97.8

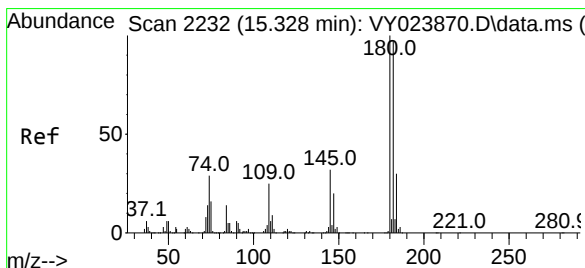
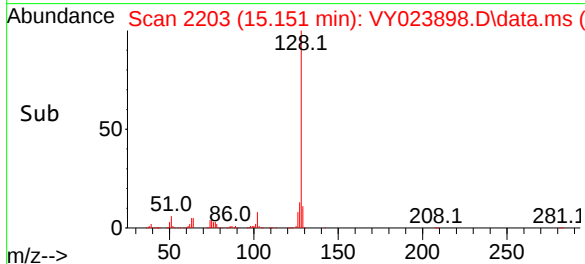
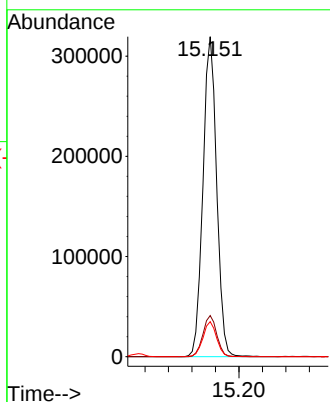
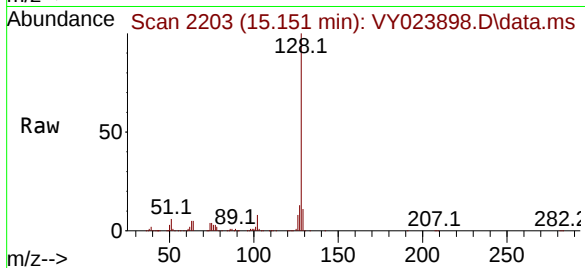




#95
Naphthalene
Concen: 53.293 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 516524
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.249 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY023898.D
Acq: 09 Dec 2025 09:31

Tgt Ion:180 Resp: 267239
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.8
145 31.0 15.7 47.1

