

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023109.D
 Acq On : 14 Aug 2025 20:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 01:32:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	416366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	692312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	629047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	327747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	213894	53.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.800%	
35) Dibromofluoromethane	7.634	113	209862	50.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.103	98	824760	50.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.402	95	268864	51.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	127230	37.436	ug/l	98
3) Chloromethane	2.068	50	278602	50.612	ug/l	100
4) Vinyl Chloride	2.202	62	362671	53.299	ug/l	100
5) Bromomethane	2.592	94	284864	56.056	ug/l	100
6) Chloroethane	2.733	64	256493	56.698	ug/l	99
7) Trichlorofluoromethane	3.050	101	393227	47.526	ug/l	98
8) Diethyl Ether	3.458	74	102502	46.826	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	185323	45.401	ug/l	99
10) Methyl Iodide	4.001	142	230343	52.294	ug/l	98
11) Tert butyl alcohol	4.866	59	59656	219.404	ug/l	99
12) 1,1-Dichloroethene	3.787	96	186960	46.597	ug/l	97
13) Acrolein	3.653	56	59794	150.160	ug/l	99
14) Allyl chloride	4.385	41	270891	45.884	ug/l	97
15) Acrylonitrile	5.055	53	214746	241.303	ug/l	99
16) Acetone	3.873	43	156746	182.326	ug/l	98
17) Carbon Disulfide	4.104	76	605160	46.257	ug/l	99
18) Methyl Acetate	4.385	43	132078	51.627	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	513333	49.373	ug/l	100
20) Methylene Chloride	4.616	84	226871	50.830	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	219760	48.739	ug/l	100
22) Diisopropyl ether	6.019	45	647978	50.509	ug/l	98
23) Vinyl Acetate	5.958	43	1688350	238.003	ug/l	99
24) 1,1-Dichloroethane	5.915	63	397112	50.629	ug/l	99
25) 2-Butanone	6.896	43	257717	220.416	ug/l	98
26) 2,2-Dichloropropane	6.884	77	282620	41.758	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	262868	50.429	ug/l	99
28) Bromochloromethane	7.244	49	156731	50.366	ug/l	99
29) Tetrahydrofuran	7.262	42	170771	235.626	ug/l	99
30) Chloroform	7.421	83	420476	51.980	ug/l	96
31) Cyclohexane	7.701	56	325108	43.985	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	359591	50.099	ug/l	98
36) 1,1-Dichloropropene	7.835	75	290479	47.183	ug/l	99
37) Ethyl Acetate	6.982	43	118629	45.871	ug/l	98
38) Carbon Tetrachloride	7.817	117	315347	47.160	ug/l	97
39) Methylcyclohexane	9.109	83	372844	45.989	ug/l	98
40) Benzene	8.079	78	942603	49.676	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	63879	42.799	ug/l	93
42) 1,2-Dichloroethane	8.158	62	245917	49.831	ug/l	99
43) Isopropyl Acetate	8.195	43	245206	46.911	ug/l	100
44) Trichloroethene	8.866	130	232571	47.429	ug/l	99
45) 1,2-Dichloropropane	9.140	63	219128	50.190	ug/l	98
46) Dibromomethane	9.231	93	125840	50.217	ug/l	97
47) Bromodichloromethane	9.420	83	330836	51.308	ug/l	98
48) Methyl methacrylate	9.219	41	116562	46.602	ug/l	95
49) 1,4-Dioxane	9.225	88	28202	959.813	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	648196	240.407	ug/l	100
52) Toluene	10.170	92	608495	50.491	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	280629	48.061	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	333217	48.260	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	164684	49.113	ug/l	97
56) Ethyl methacrylate	10.438	69	211730	49.346	ug/l	98
57) 1,3-Dichloropropane	10.713	76	280123	49.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	522597	258.207	ug/l	100
59) 2-Hexanone	10.756	43	429008	233.670	ug/l	99
60) Dibromochloromethane	10.908	129	220549	49.847	ug/l	99
61) 1,2-Dibromoethane	11.012	107	154512	49.026	ug/l	100
64) Tetrachloroethene	10.646	164	264997	47.178	ug/l	98
65) Chlorobenzene	11.438	112	655836	48.335	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	226496	49.184	ug/l	99
67) Ethyl Benzene	11.518	91	1138907	48.775	ug/l	99
68) m/p-Xylenes	11.627	106	910415	99.829	ug/l	99
69) o-Xylene	11.950	106	431382	50.504	ug/l	99
70) Styrene	11.963	104	723332	51.783	ug/l	99
71) Bromoform	12.127	173	127183	47.255	ug/l	98
73) Isopropylbenzene	12.249	105	1085768	46.938	ug/l	100
74) N-amyl acetate	12.066	43	218818	44.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	180905	45.802	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	236792	74.861	ug/l #	100
77) Bromobenzene	12.530	156	254766	46.165	ug/l	98
78) n-propylbenzene	12.591	91	1321560	47.987	ug/l	100
79) 2-Chlorotoluene	12.676	91	749983	47.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	901239	48.207	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	51968	39.770	ug/l	94
82) 4-Chlorotoluene	12.773	91	794254	48.521	ug/l	99
83) tert-Butylbenzene	12.993	119	794810	47.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	915823	49.211	ug/l	100
85) sec-Butylbenzene	13.170	105	1185899	47.812	ug/l	100
86) p-Isopropyltoluene	13.286	119	997638	48.457	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	521768	47.944	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	506066	46.877	ug/l	100
89) n-Butylbenzene	13.615	91	922027	48.761	ug/l	98
90) Hexachloroethane	13.877	117	202066	47.944	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	449904	47.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	27986	45.509	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	252540	44.744	ug/l	98
94) Hexachlorobutadiene	15.017	225	143621	43.304	ug/l	99
95) Naphthalene	15.139	128	443360	46.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	218352	44.896	ug/l	99

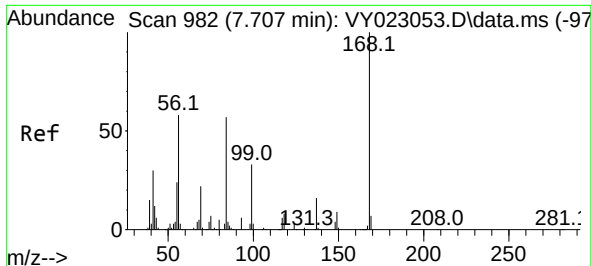
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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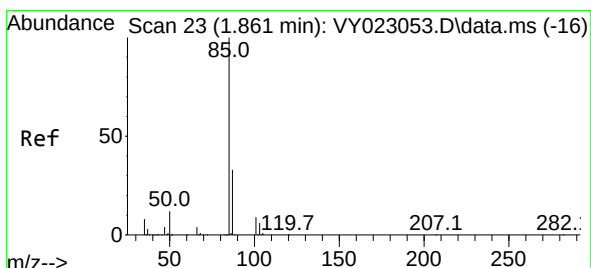
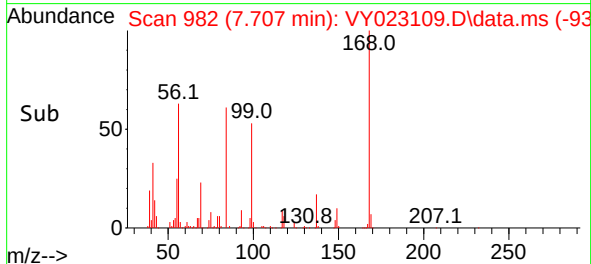
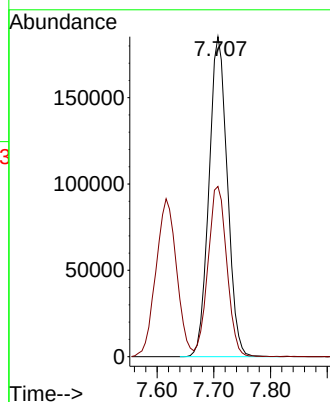
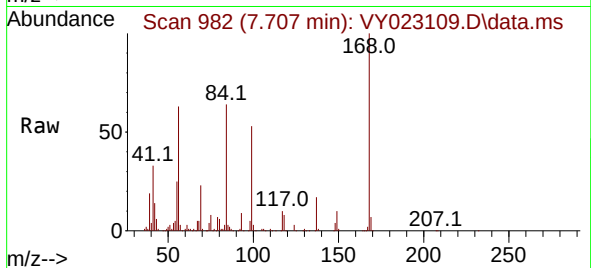
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023109.D
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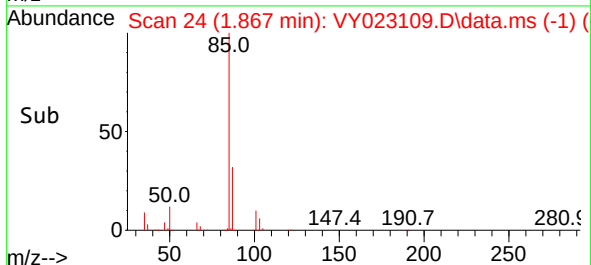
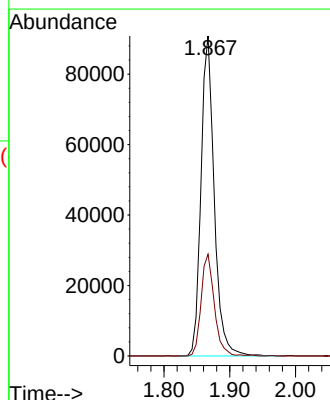
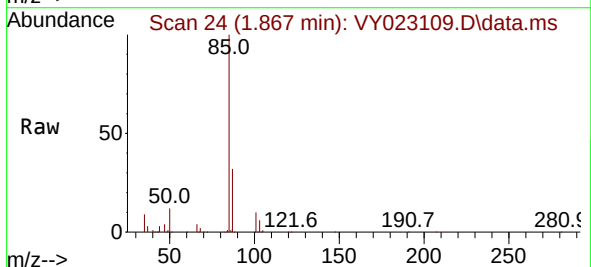
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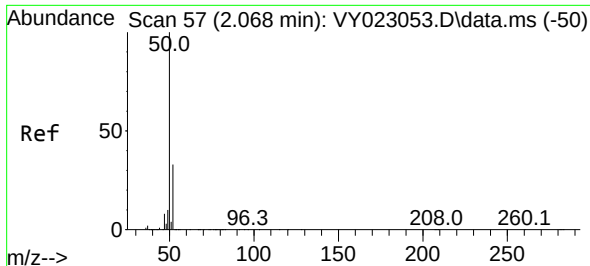
Tgt Ion:168 Resp: 416366
Ion Ratio Lower Upper
168 100
99 53.2 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 37.436 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 85 Resp: 127230
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8

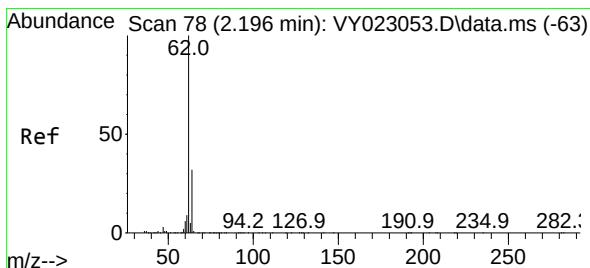
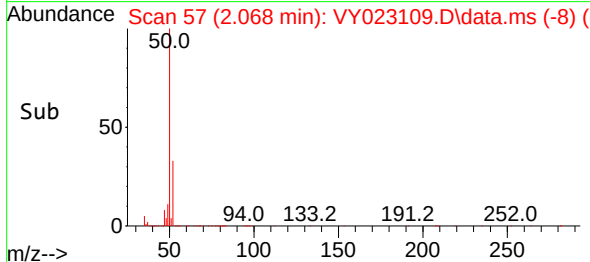
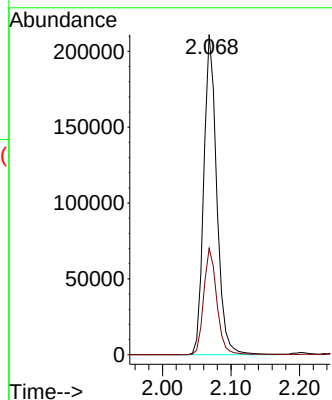
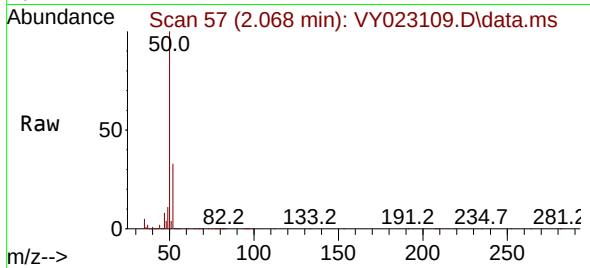




#3
Chloromethane
Concen: 50.612 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

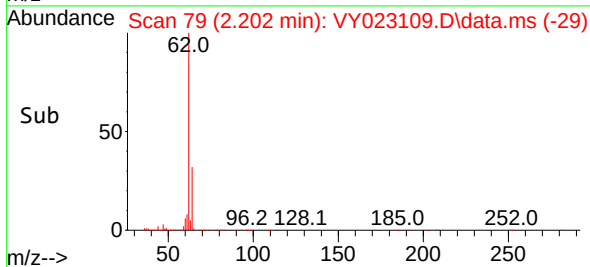
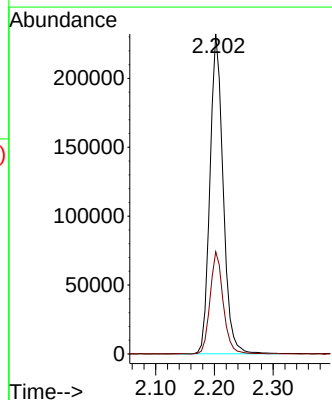
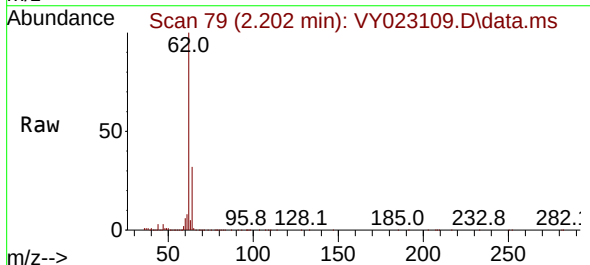
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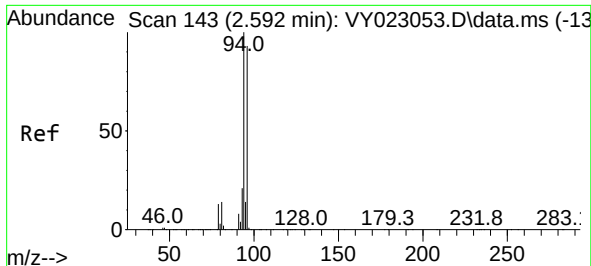
Tgt Ion: 50 Resp: 278602
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 53.299 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 62 Resp: 362671
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

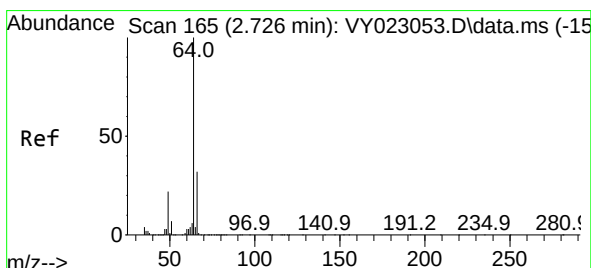
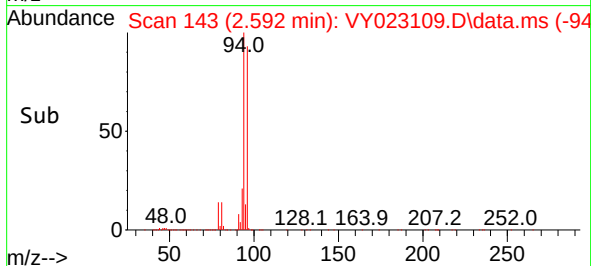
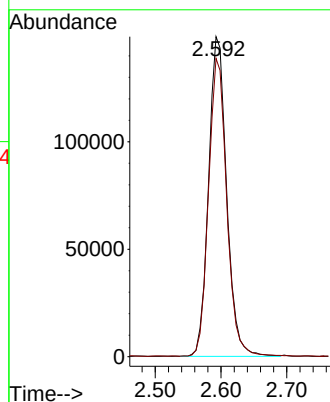
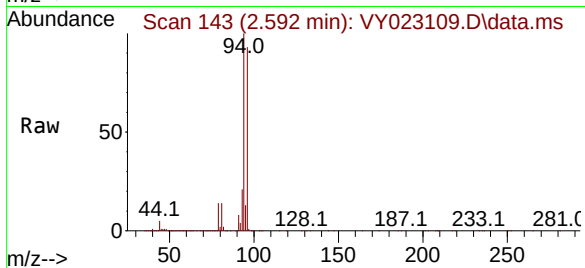




#5
Bromomethane
Concen: 56.056 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

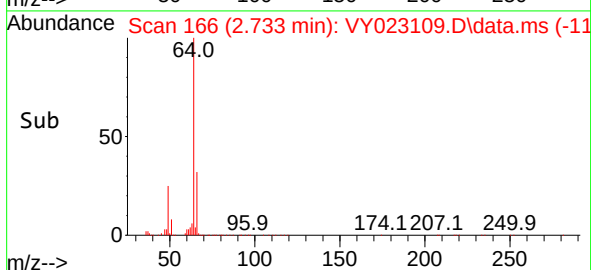
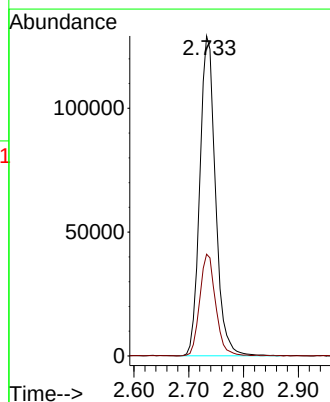
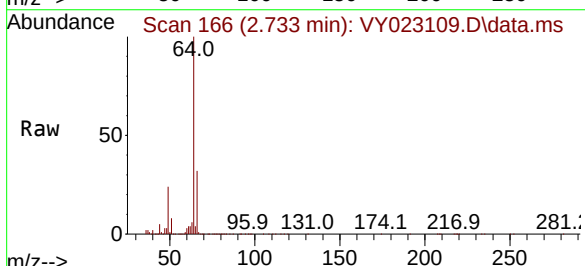
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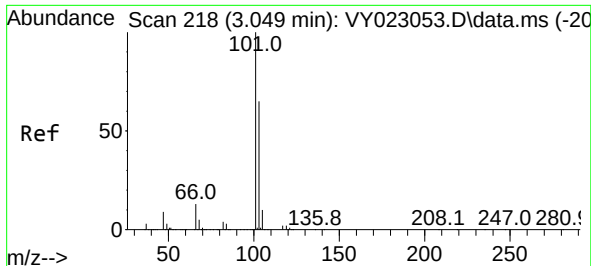
Tgt Ion: 94 Resp: 284864
Ion Ratio Lower Upper
94 100
96 93.2 74.6 112.0



#6
Chloroethane
Concen: 56.698 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 64 Resp: 256493
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.6

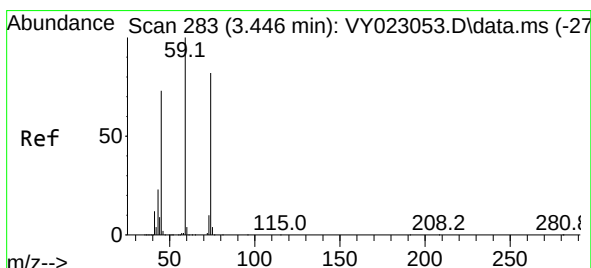
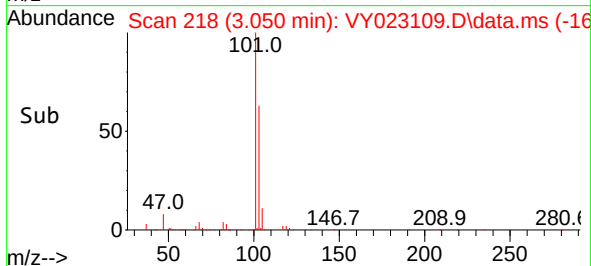
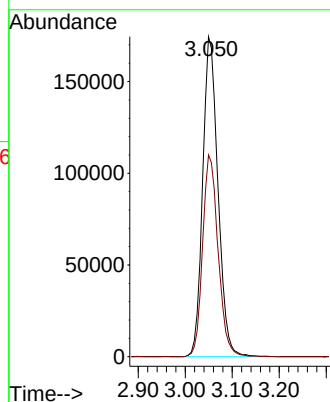
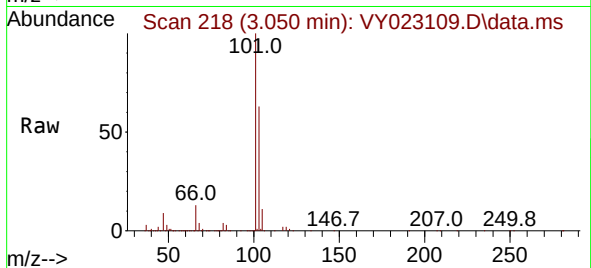




#7
 Trichlorofluoromethane
 Concen: 47.526 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023109.D
 Acq: 14 Aug 2025 20:38

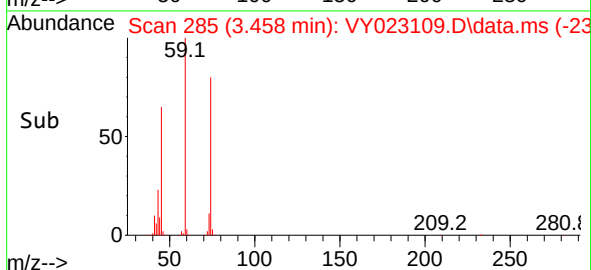
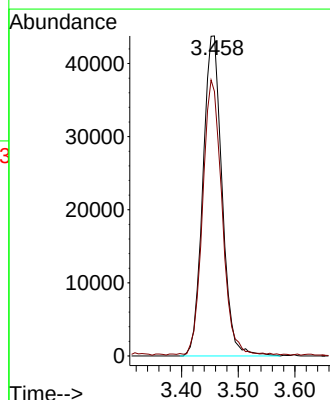
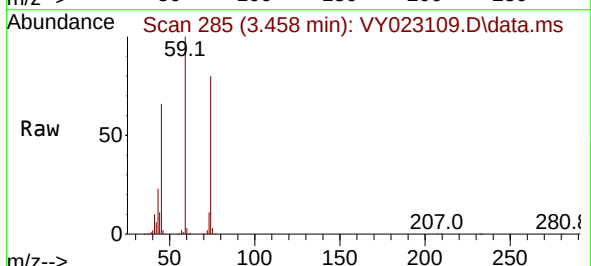
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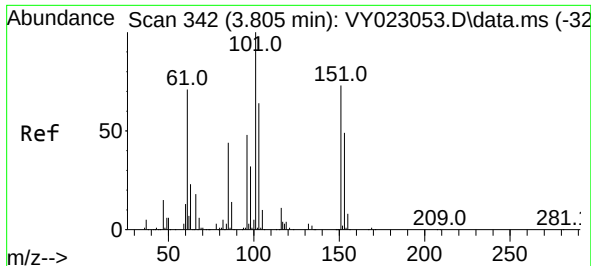
Tgt Ion:101 Resp: 393227
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.826 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023109.D
 Acq: 14 Aug 2025 20:38

Tgt Ion: 74 Resp: 102502
 Ion Ratio Lower Upper
 74 100
 45 86.7 44.4 133.2

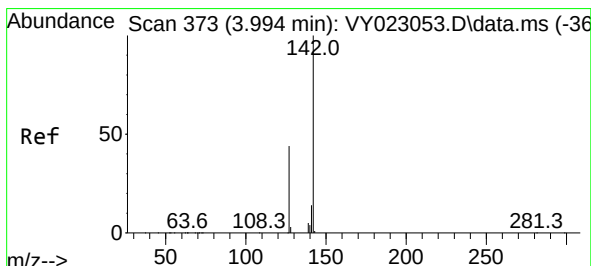
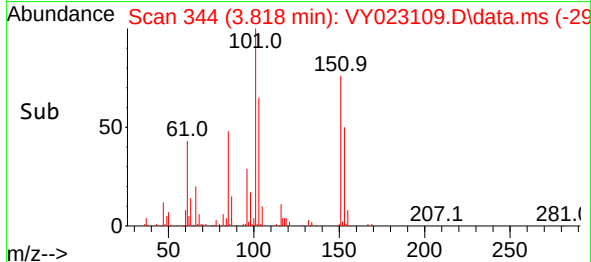
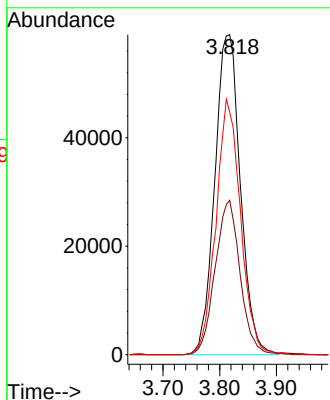
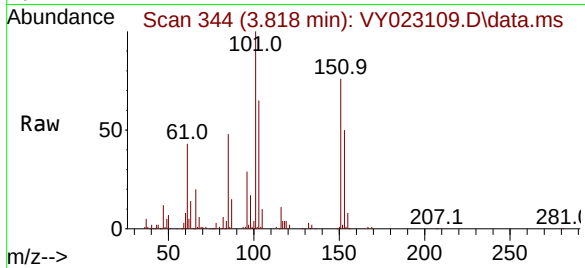




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.401 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023109.D
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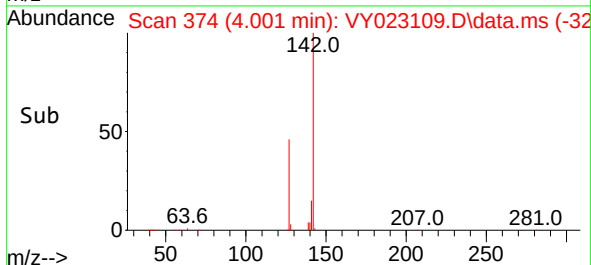
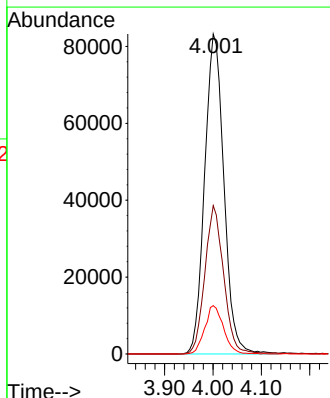
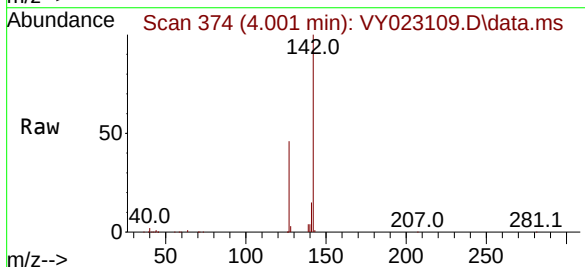
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ClientSampleId :
VSTDCCC050EC

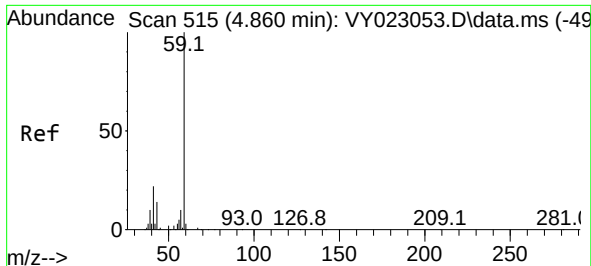
Tgt Ion:101 Resp: 185323
Ion Ratio Lower Upper
101 100
85 47.0 36.3 54.5
151 76.6 61.5 92.3



#10
Methyl Iodide
Concen: 52.294 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion:142 Resp: 230343
Ion Ratio Lower Upper
142 100
127 45.3 34.9 52.3
141 14.7 11.3 16.9

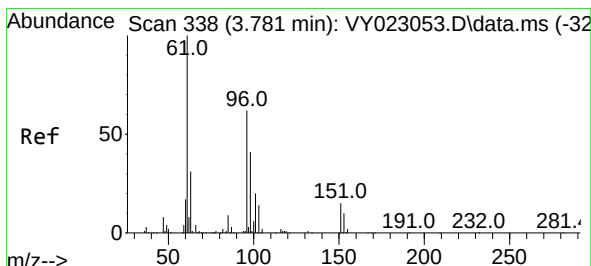
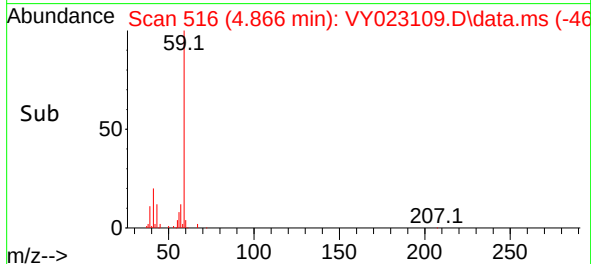
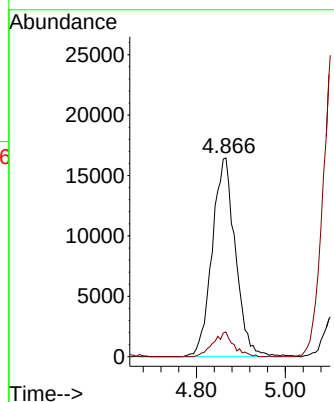
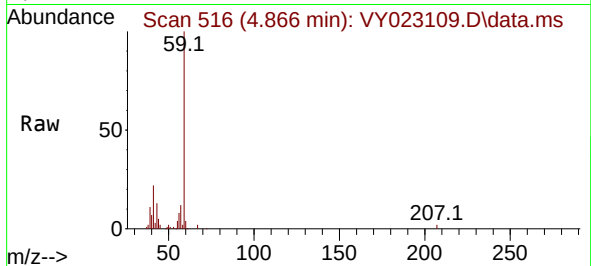




#11
Tert butyl alcohol
Concen: 219.404 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

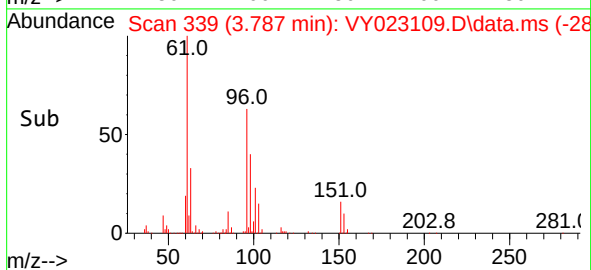
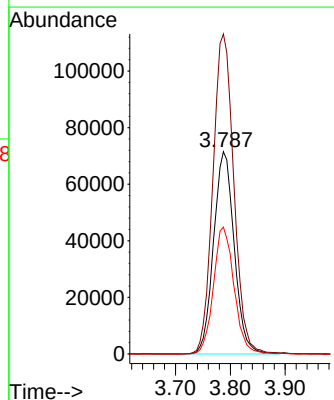
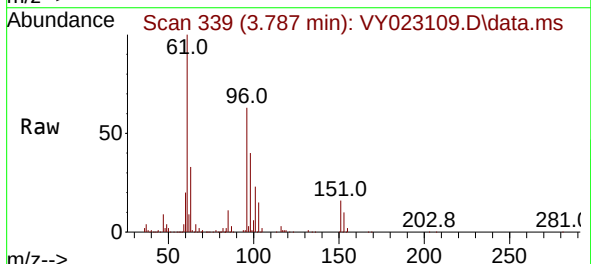
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

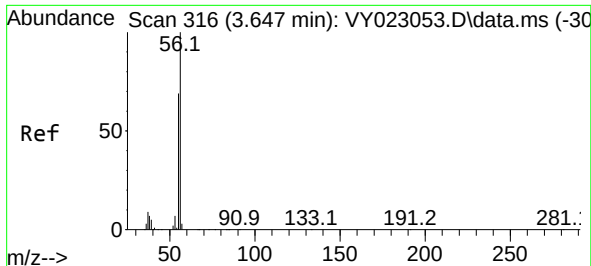
Tgt Ion: 59 Resp: 59656
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 46.597 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 96 Resp: 186960
Ion Ratio Lower Upper
96 100
61 158.3 129.4 194.2
98 62.7 52.8 79.2

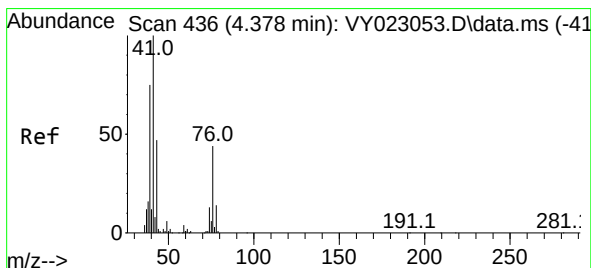
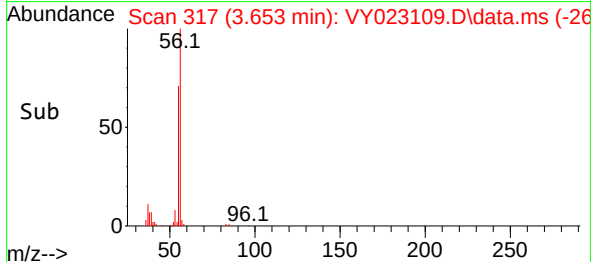
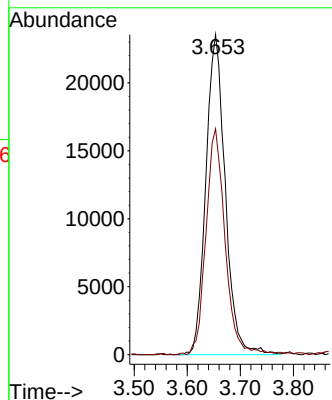
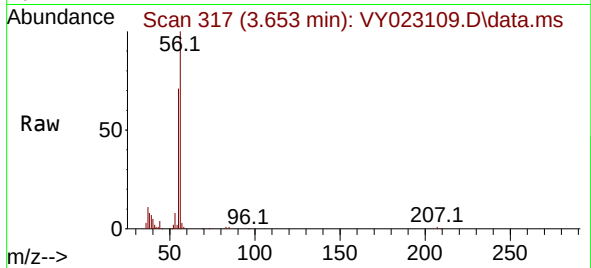




#13
Acrolein
Concen: 150.160 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

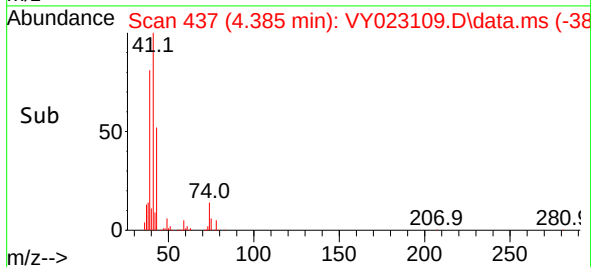
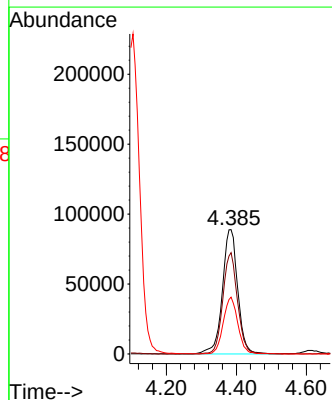
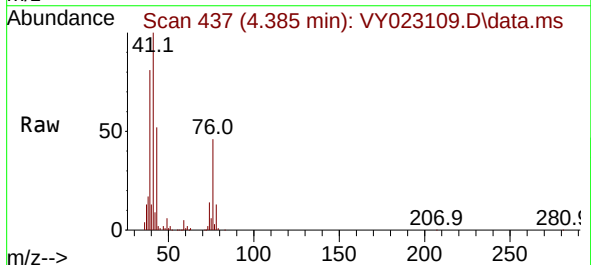
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

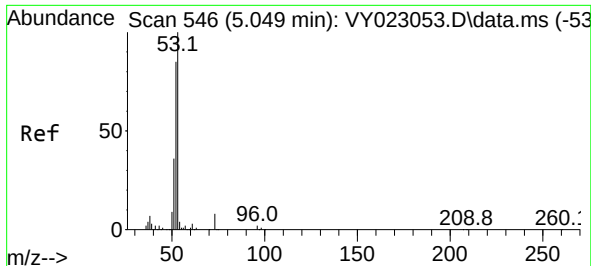
Tgt Ion: 56 Resp: 59794
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8



#14
Allyl chloride
Concen: 45.884 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 41 Resp: 270891
Ion Ratio Lower Upper
41 100
39 78.0 59.8 89.6
76 43.3 33.7 50.5

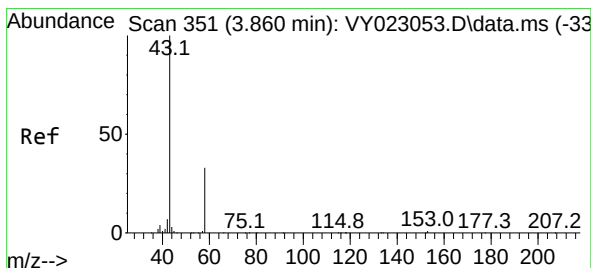
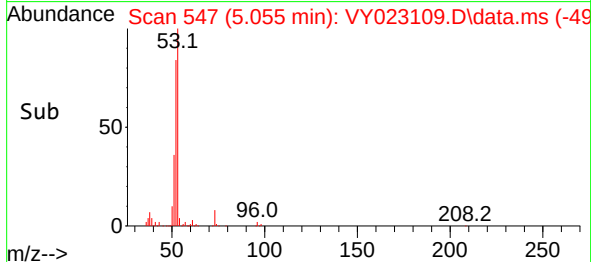
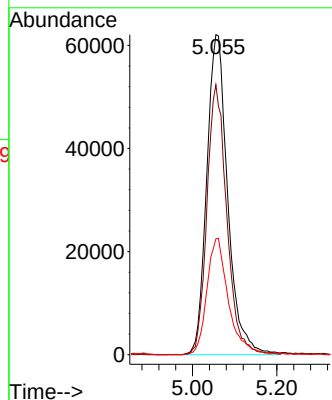
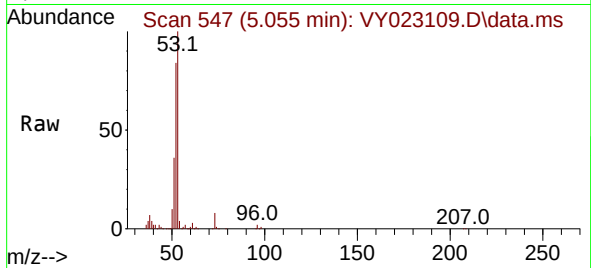




#15
Acrylonitrile
Concen: 241.303 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

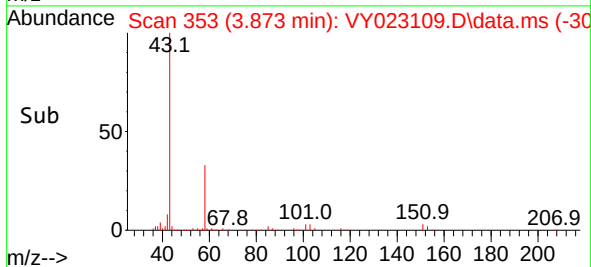
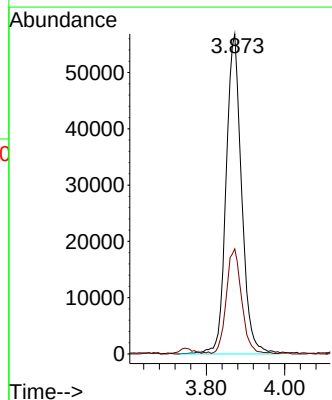
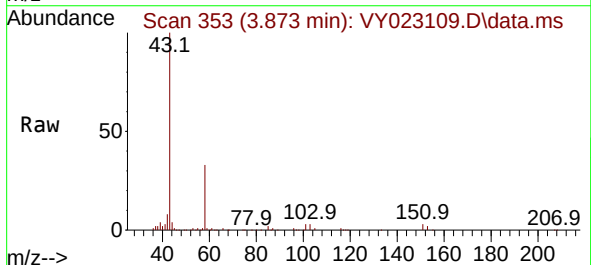
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

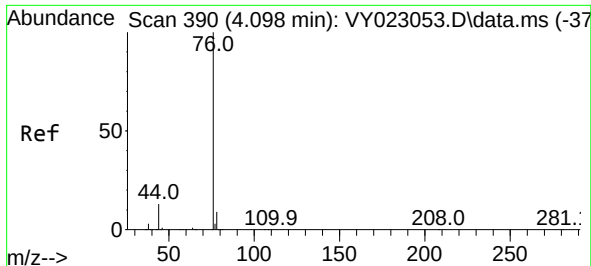
Tgt Ion: 53 Resp: 214746
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 37.3 29.5 44.3



#16
Acetone
Concen: 182.326 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 43 Resp: 156746
Ion Ratio Lower Upper
43 100
58 32.6 27.1 40.7

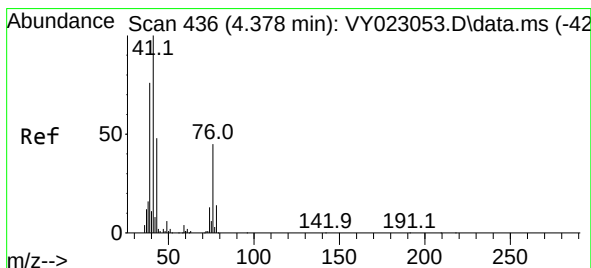
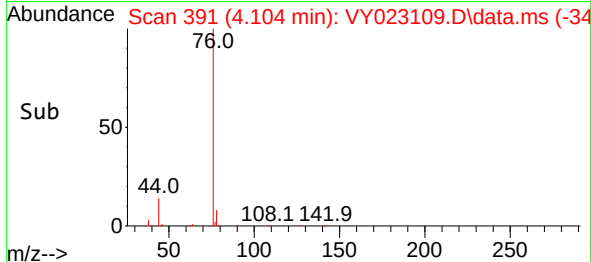
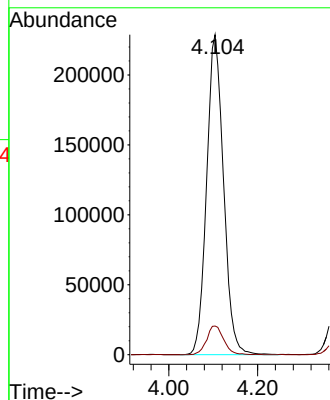
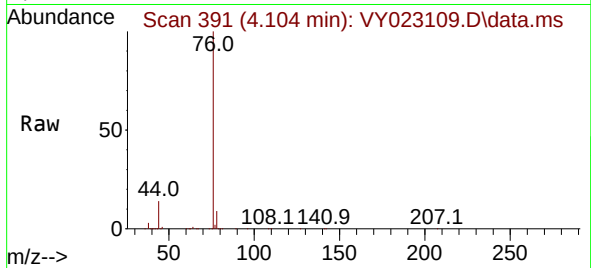




#17
Carbon Disulfide
Concen: 46.257 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

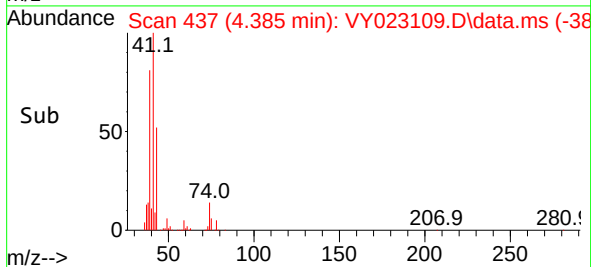
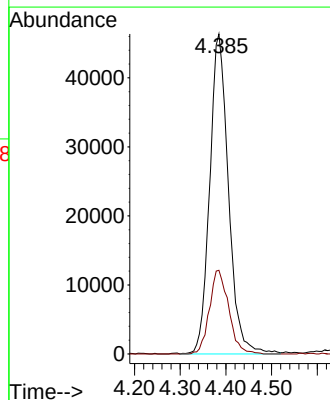
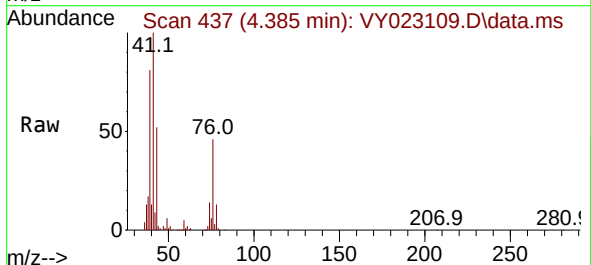
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

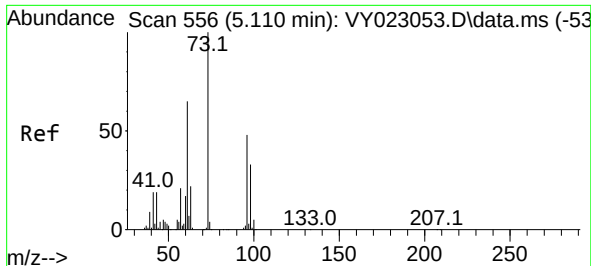
Tgt Ion: 76 Resp: 605160
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 51.627 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 43 Resp: 132078
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 49.373 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

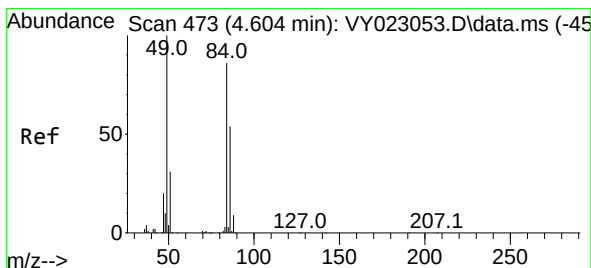
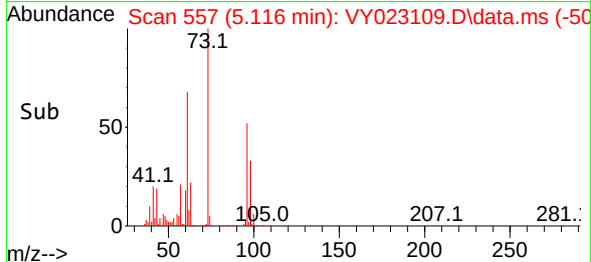
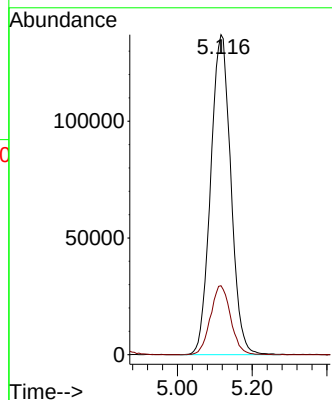
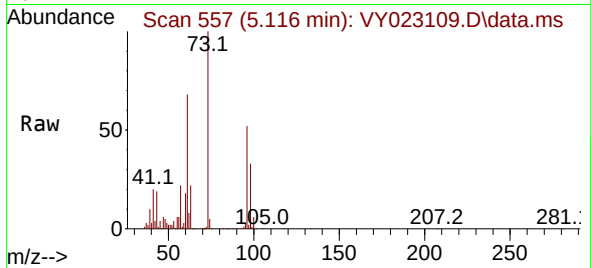
VSTDCCC050EC

Tgt Ion: 73 Resp: 513333

Ion Ratio Lower Upper

73 100

57 21.5 17.1 25.7



#20

Methylene Chloride

Concen: 50.830 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Tgt Ion: 84 Resp: 226871

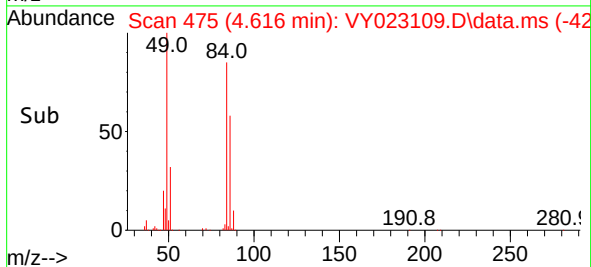
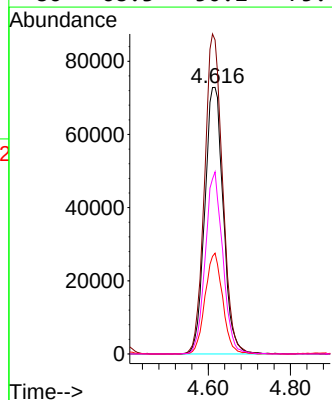
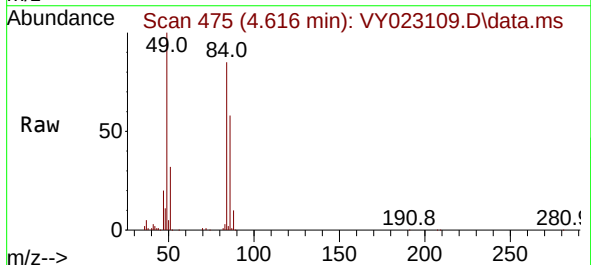
Ion Ratio Lower Upper

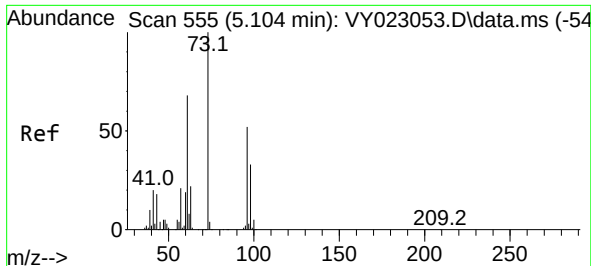
84 100

49 117.8 93.0 139.6

51 37.9 29.0 43.4

86 68.3 50.2 75.4

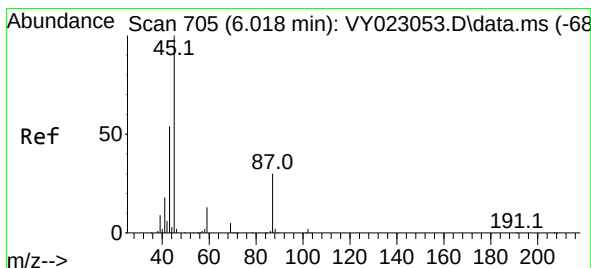
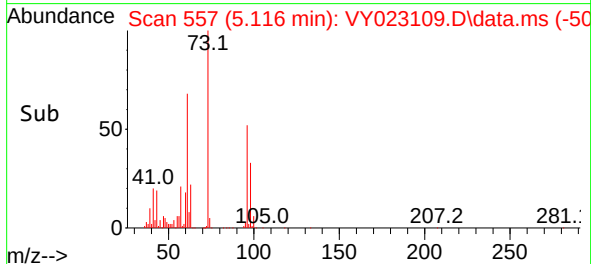
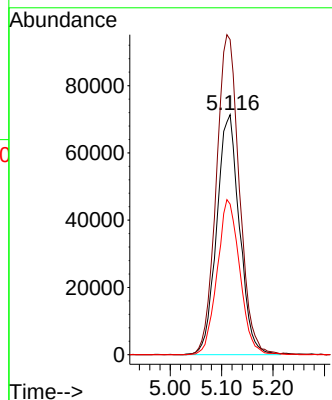
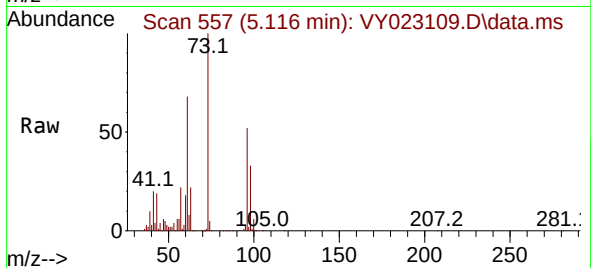




#21
trans-1,2-Dichloroethene
Concen: 48.739 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

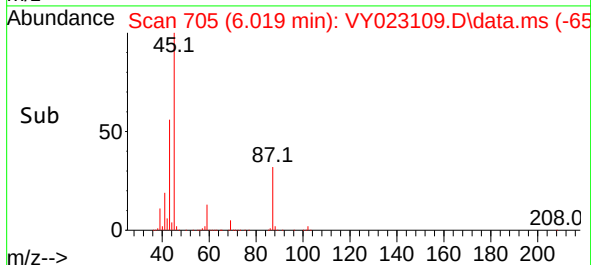
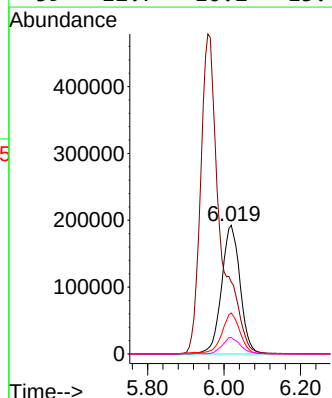
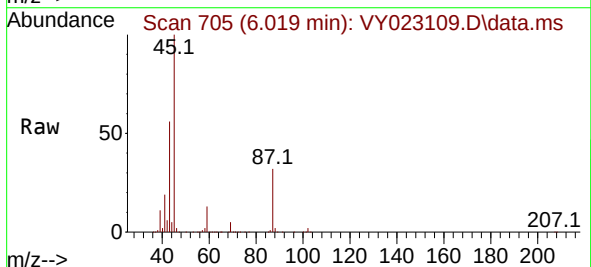
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

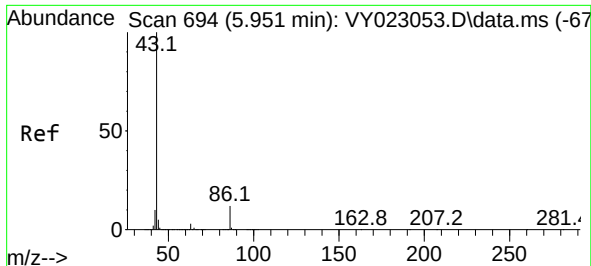
Tgt Ion: 96 Resp: 219760
Ion Ratio Lower Upper
96 100
61 131.3 104.8 157.2
98 62.7 50.1 75.1



#22
Diisopropyl ether
Concen: 50.509 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 45 Resp: 647978
Ion Ratio Lower Upper
45 100
43 56.0 43.4 65.0
87 31.9 24.4 36.6
59 12.7 10.2 15.4

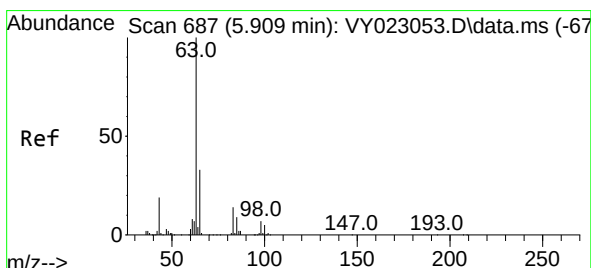
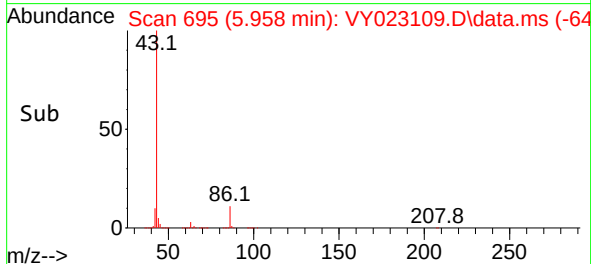
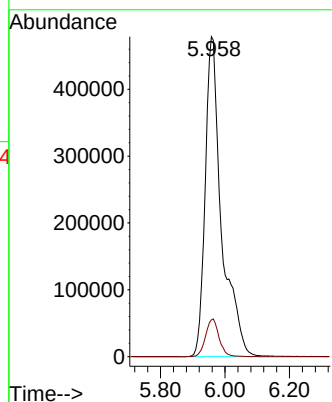
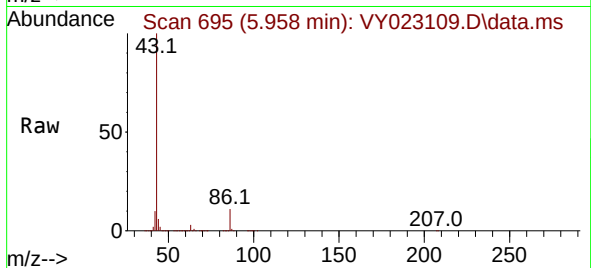




#23
 Vinyl Acetate
 Concen: 238.003 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023109.D
 Acq: 14 Aug 2025 20:38

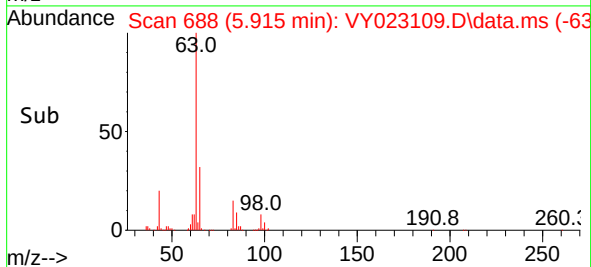
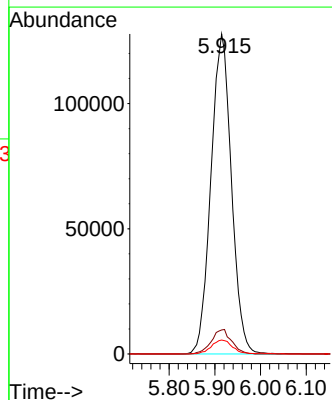
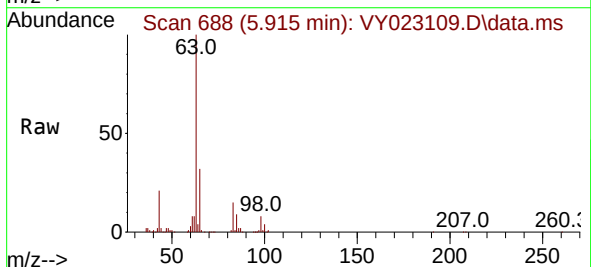
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

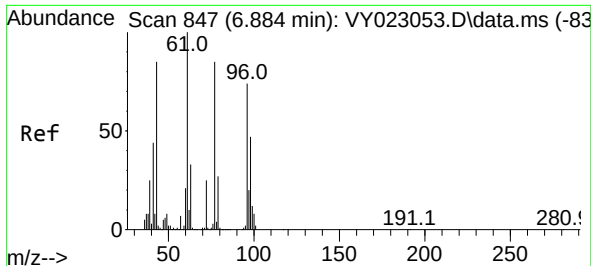
Tgt Ion: 43 Resp: 1688350
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 50.629 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023109.D
 Acq: 14 Aug 2025 20:38

Tgt Ion: 63 Resp: 397112
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 220.416 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

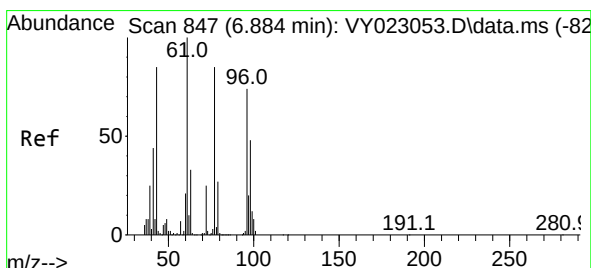
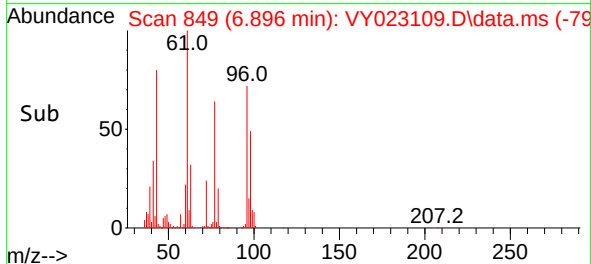
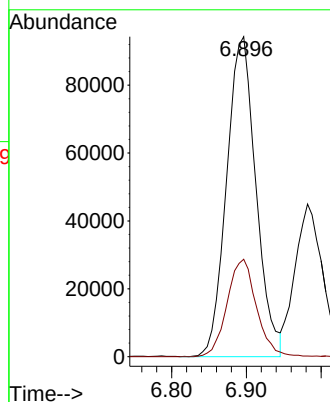
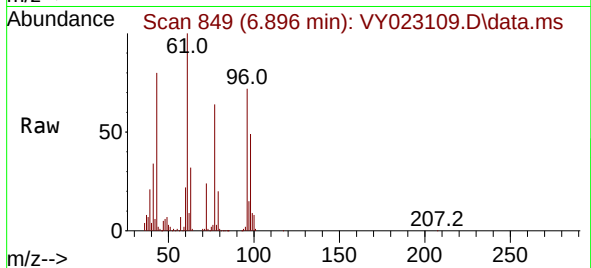
VSTDCCC050EC

Tgt Ion: 43 Resp: 257717

Ion Ratio Lower Upper

43 100

72 30.4 23.5 35.3



#26

2,2-Dichloropropane

Concen: 41.758 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023109.D

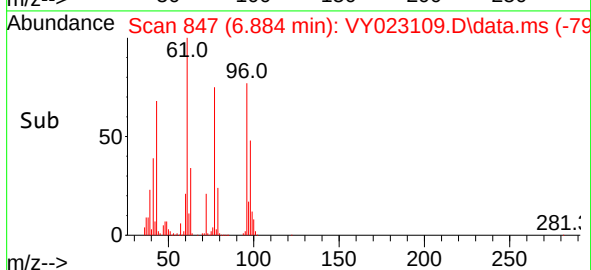
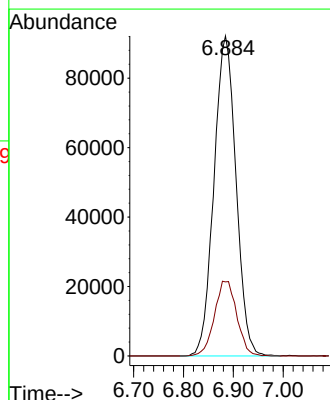
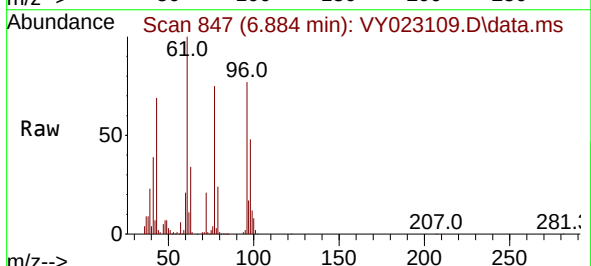
Acq: 14 Aug 2025 20:38

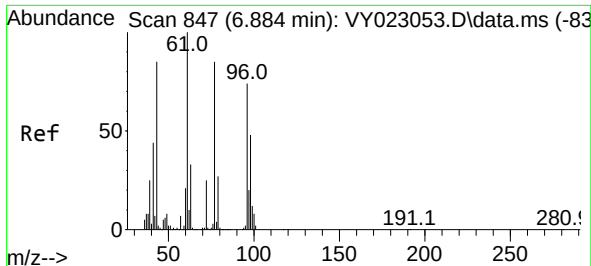
Tgt Ion: 77 Resp: 282620

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.429 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

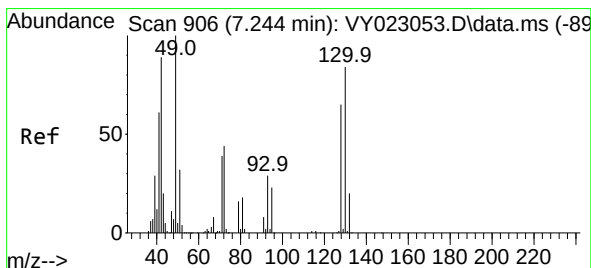
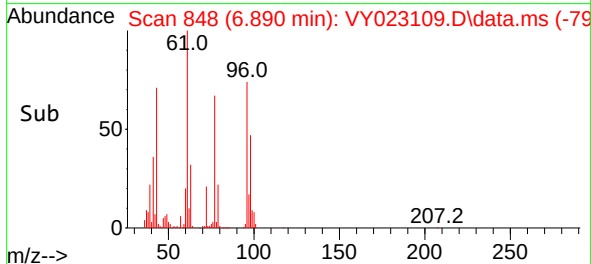
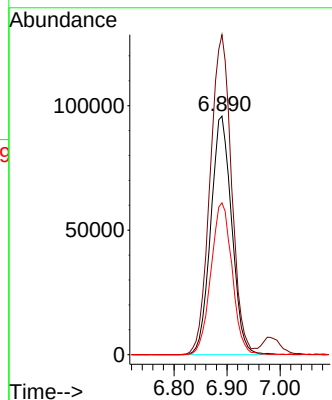
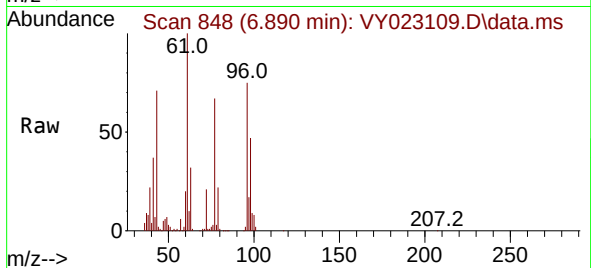
Tgt Ion: 96 Resp: 262868

Ion Ratio Lower Upper

96 100

61 137.3 0.0 278.6

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 50.366 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

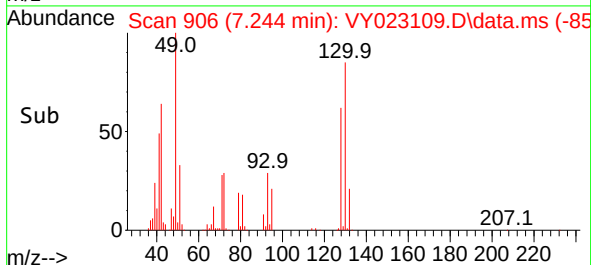
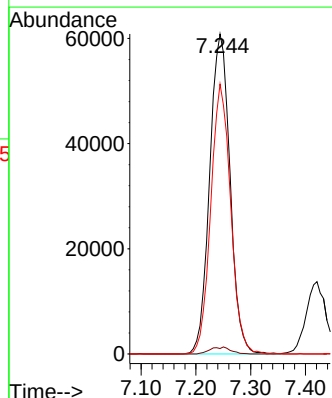
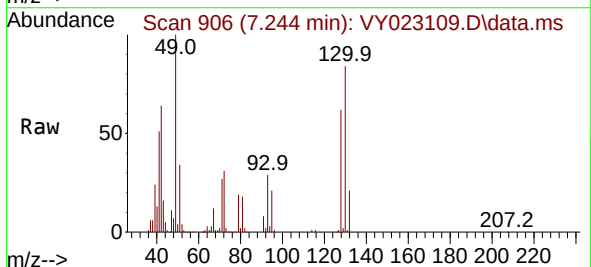
Tgt Ion: 49 Resp: 156731

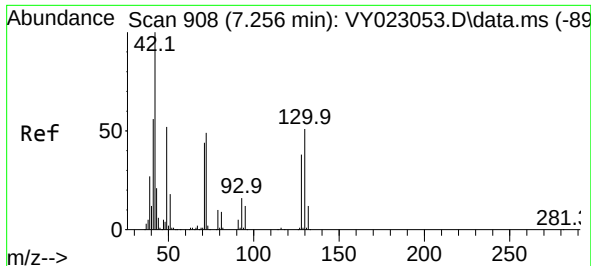
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 82.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 235.626 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

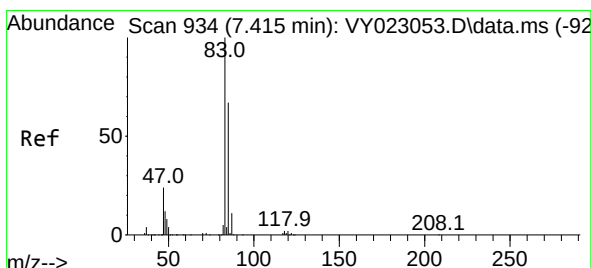
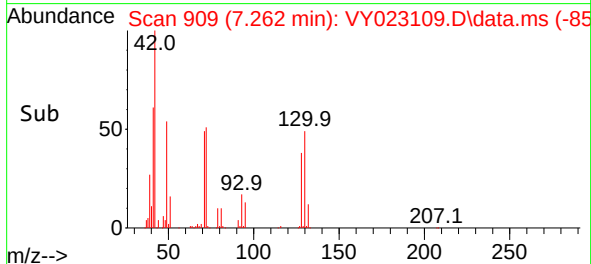
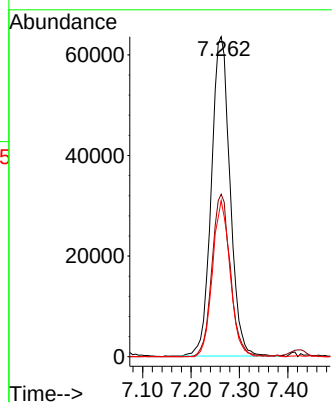
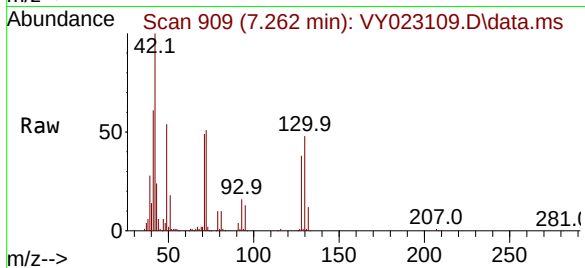
Tgt Ion: 42 Resp: 170771

Ion Ratio Lower Upper

42 100

72 50.1 39.4 59.2

71 46.1 36.5 54.7



#30

Chloroform

Concen: 51.980 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023109.D

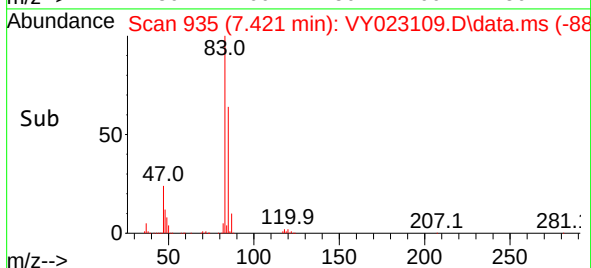
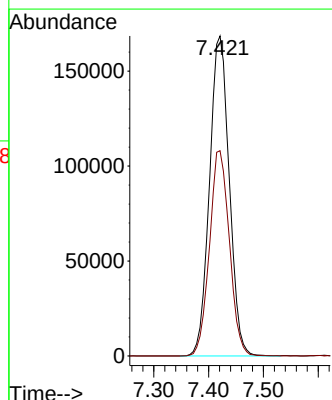
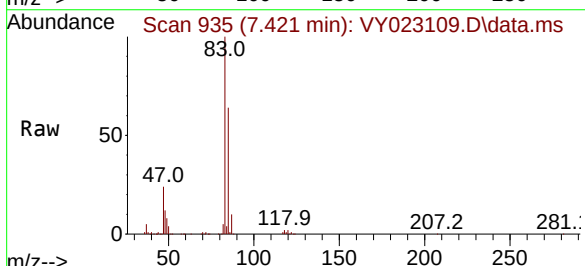
Acq: 14 Aug 2025 20:38

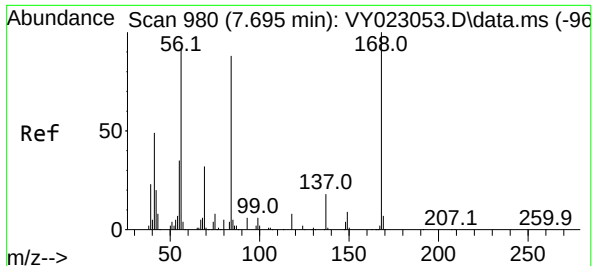
Tgt Ion: 83 Resp: 420476

Ion Ratio Lower Upper

83 100

85 64.2 53.8 80.8

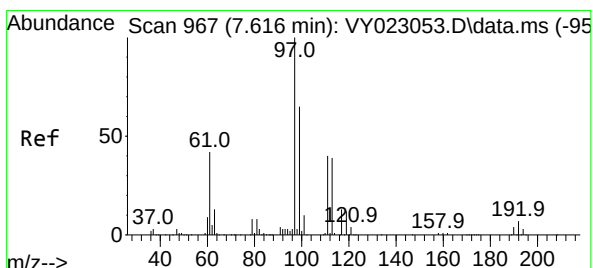
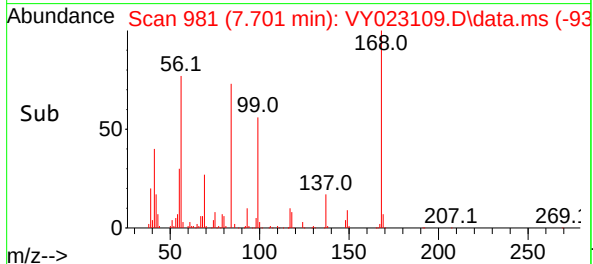
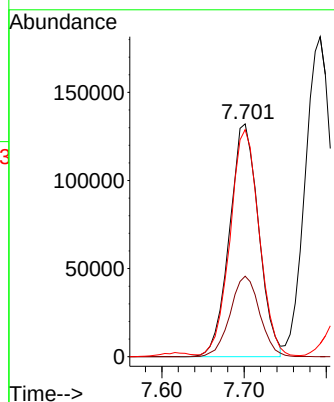
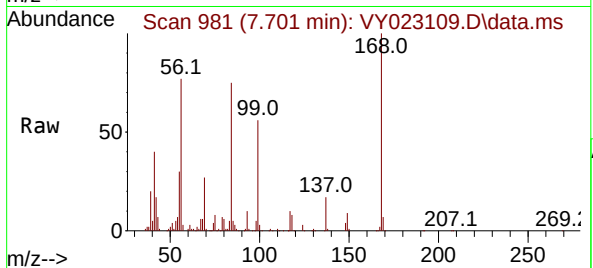




#31
Cyclohexane
Concen: 43.985 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

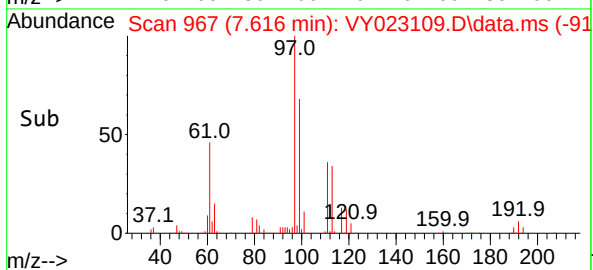
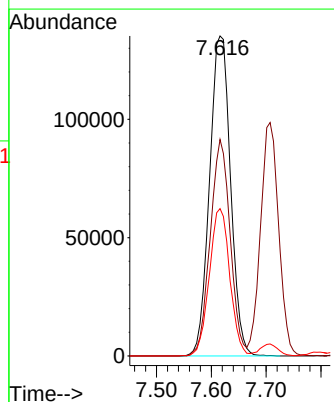
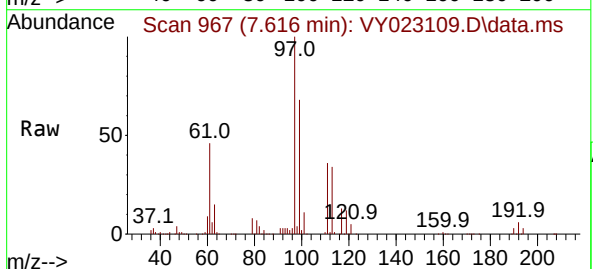
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

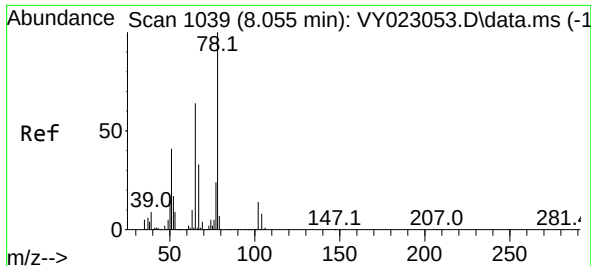
Tgt Ion: 56 Resp: 325108
Ion Ratio Lower Upper
56 100
69 34.6 28.2 42.2
84 96.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 50.099 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 97 Resp: 359591
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 45.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 53.901 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

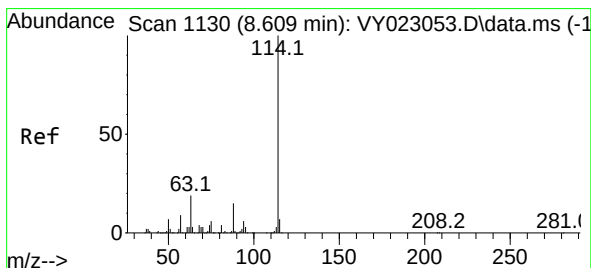
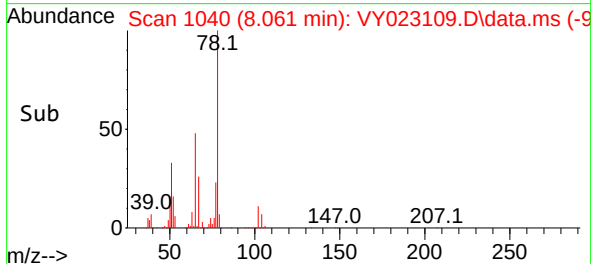
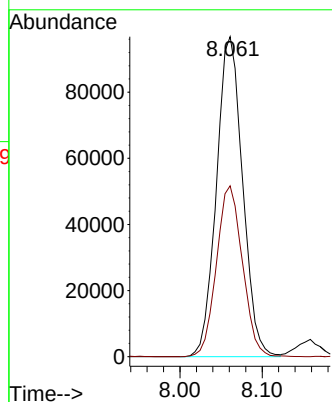
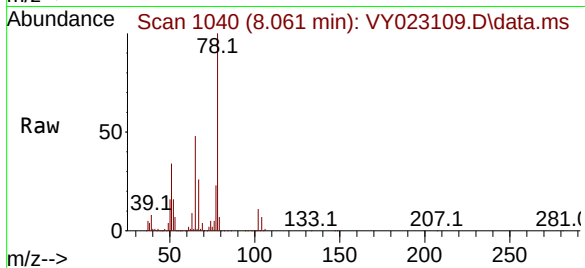
VSTDCCC050EC

Tgt Ion: 65 Resp: 213894

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

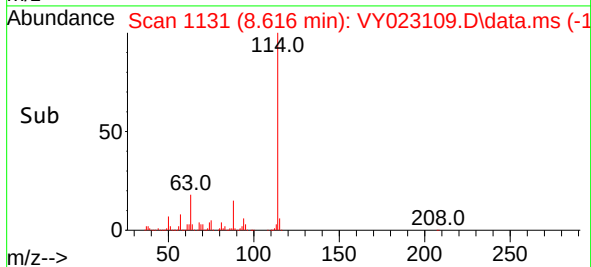
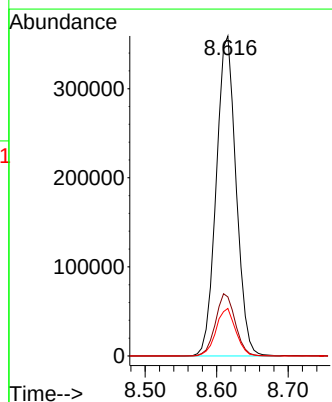
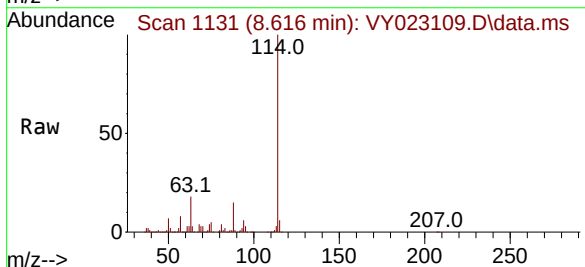
Tgt Ion: 114 Resp: 692312

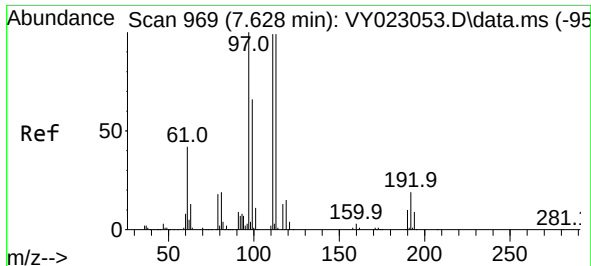
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

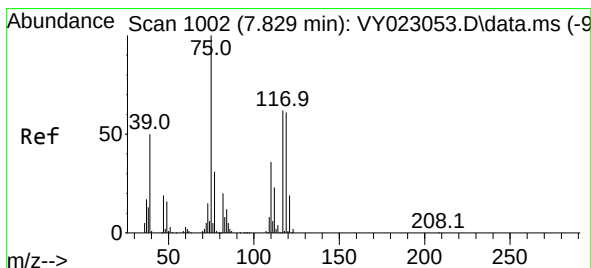
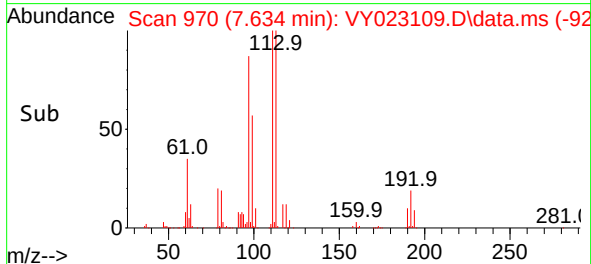
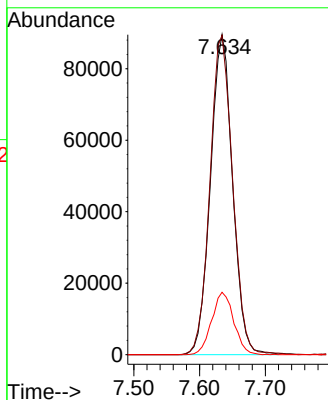
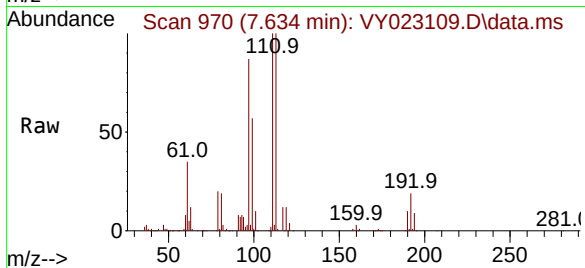
Tgt Ion:113 Resp: 209862

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

192 19.4 16.2 24.4



#36

1,1-Dichloropropene

Concen: 47.183 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

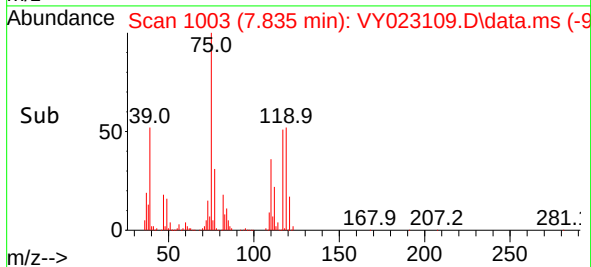
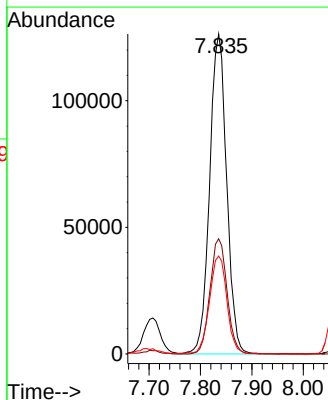
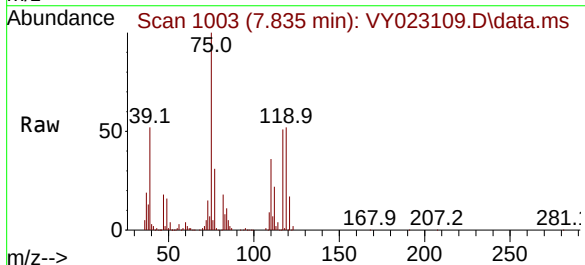
Tgt Ion: 75 Resp: 290479

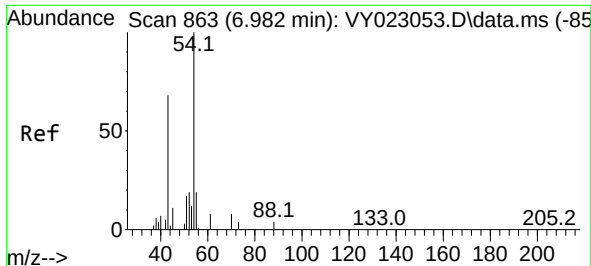
Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.4

77 31.4 24.6 37.0

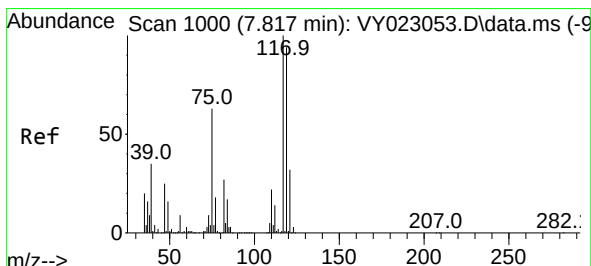
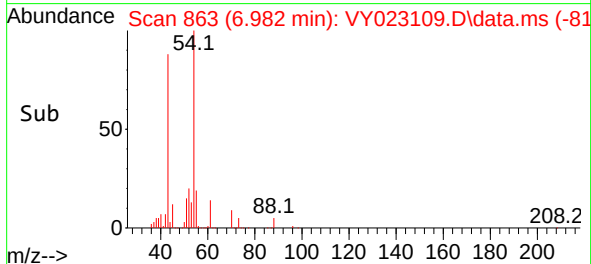
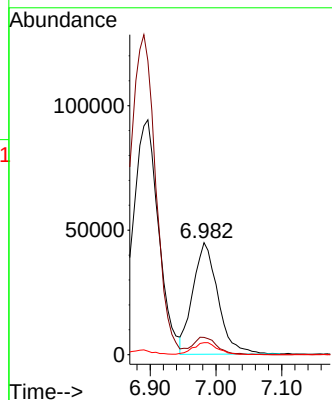
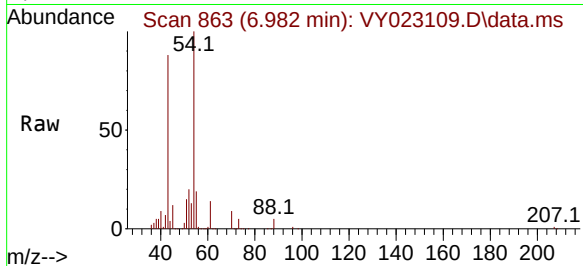




#37
Ethyl Acetate
Concen: 45.871 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

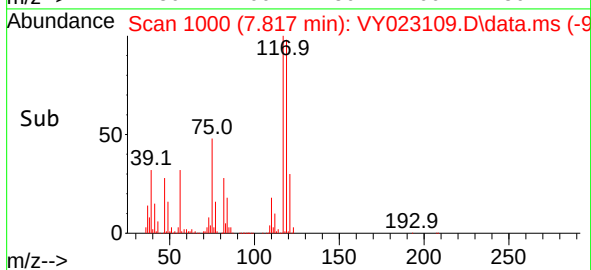
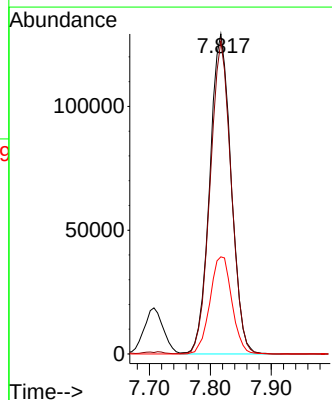
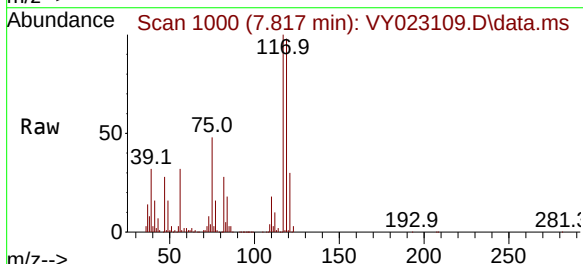
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

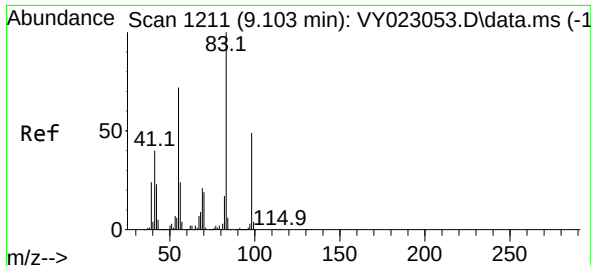
Tgt Ion: 43 Resp: 118629
Ion Ratio Lower Upper
43 100
61 13.9 11.9 17.9
70 10.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 47.160 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 117 Resp: 315347
Ion Ratio Lower Upper
117 100
119 97.8 75.6 113.4
121 30.4 25.8 38.8





#39

Methylcyclohexane

Concen: 45.989 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

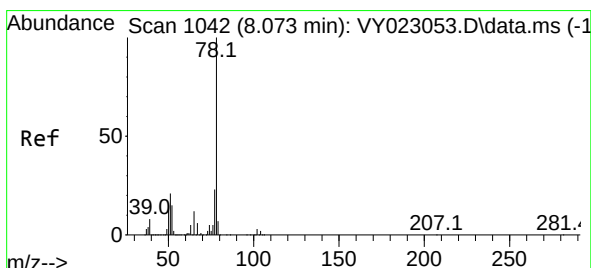
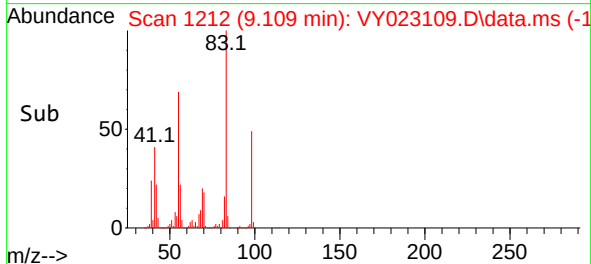
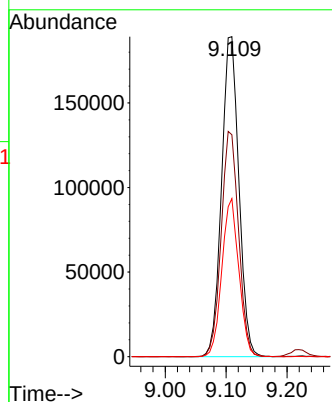
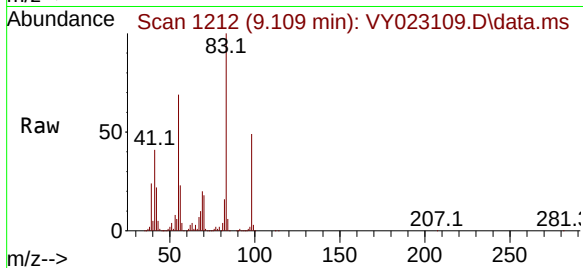
Tgt Ion: 83 Resp: 372844

Ion Ratio Lower Upper

83 100

55 69.4 57.6 86.4

98 49.4 39.2 58.8



#40

Benzene

Concen: 49.676 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023109.D

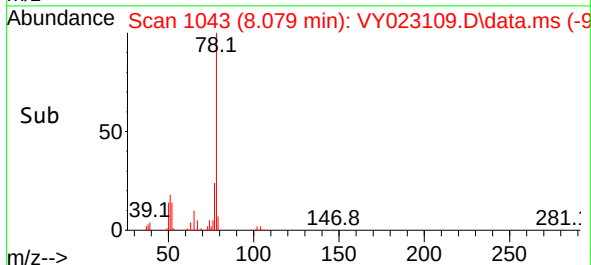
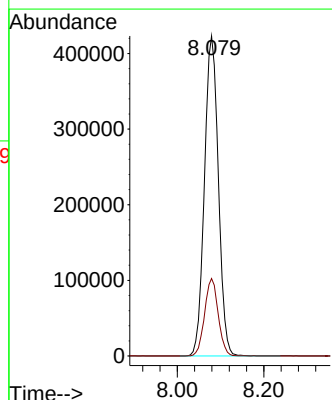
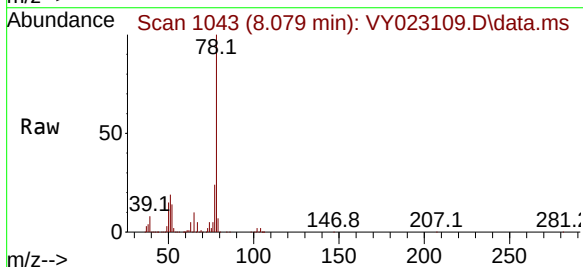
Acq: 14 Aug 2025 20:38

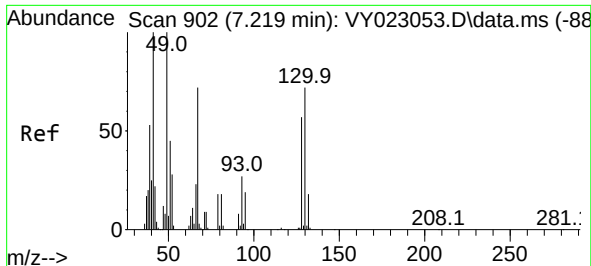
Tgt Ion: 78 Resp: 942603

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0



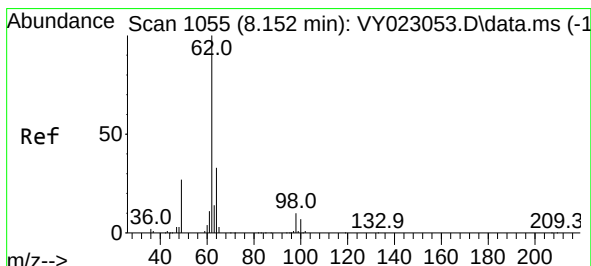
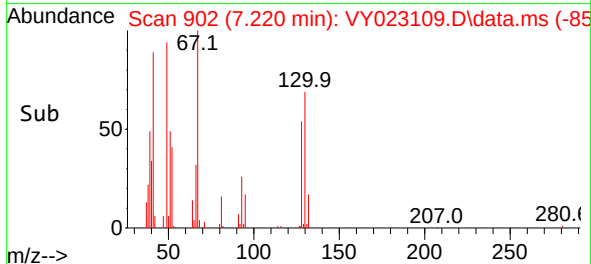
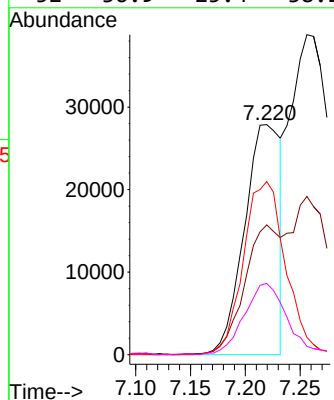
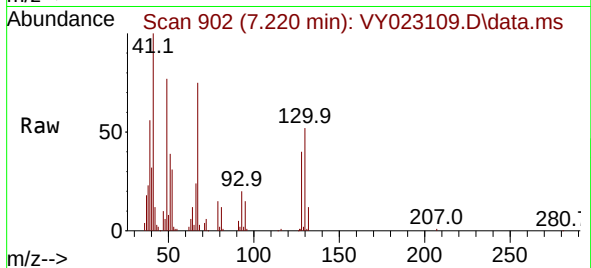


#41
Methacrylonitrile
Concen: 42.799 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 63879

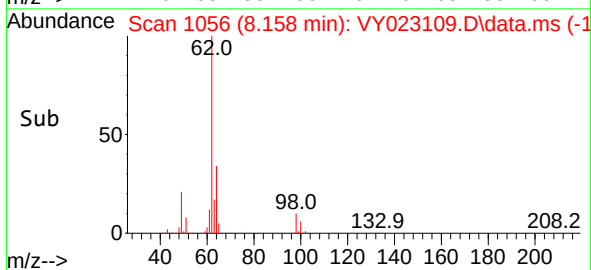
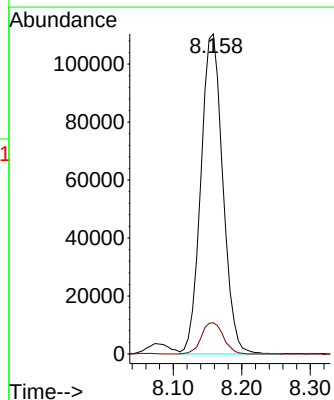
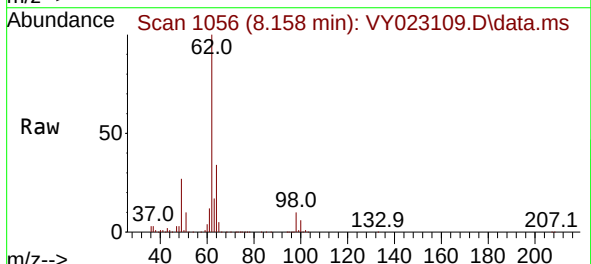
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.4	65.2
67	88.2	63.6	95.4
52	36.9	25.4	38.2

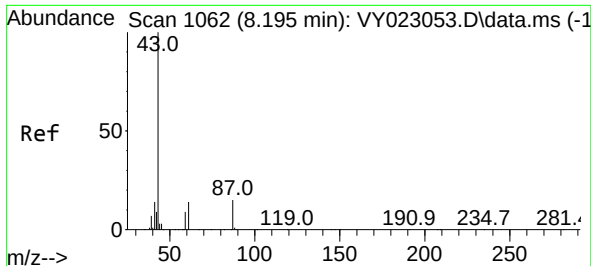


#42
1,2-Dichloroethane
Concen: 49.831 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 62 Resp: 245917

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6

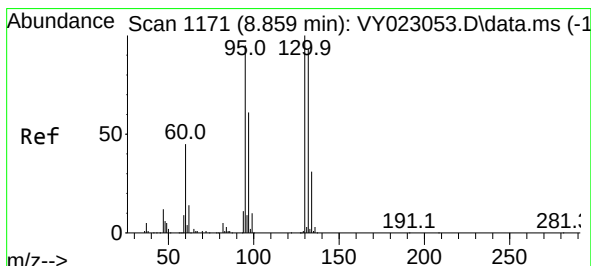
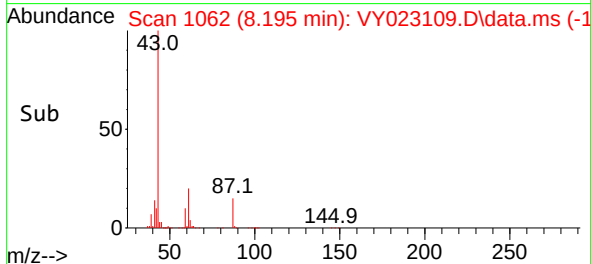
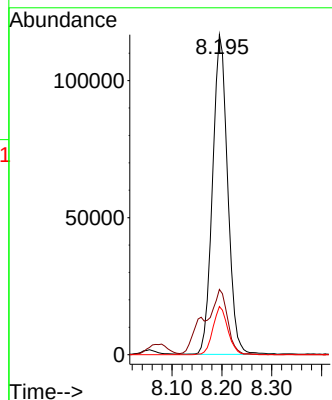
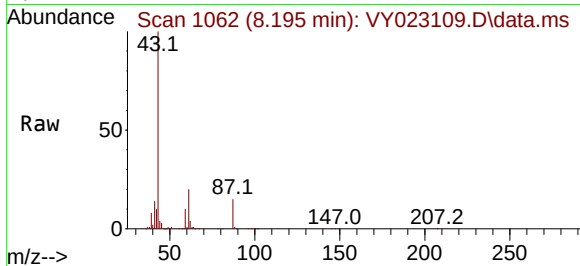




#43
Isopropyl Acetate
Concen: 46.911 ug/l
RT: 8.195 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

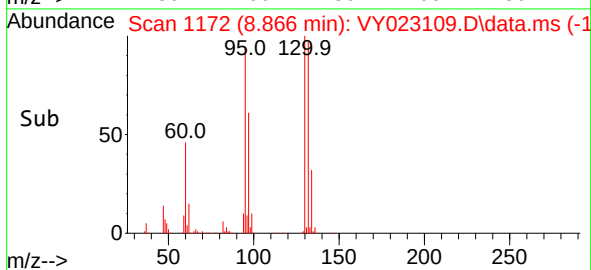
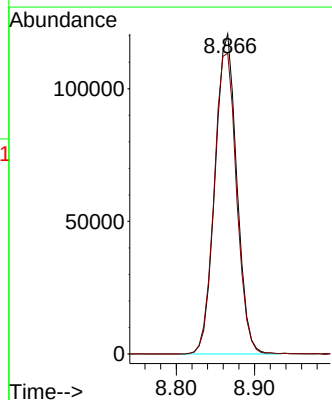
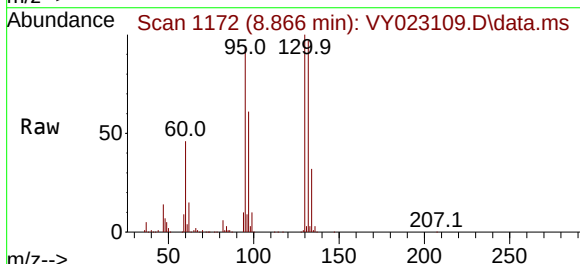
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

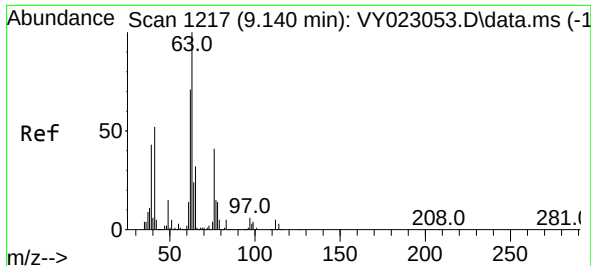
Tgt Ion: 43 Resp: 245206
Ion Ratio Lower Upper
43 100
61 20.6 16.4 24.6
87 14.9 11.8 17.6



#44
Trichloroethene
Concen: 47.429 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion:130 Resp: 232571
Ion Ratio Lower Upper
130 100
95 94.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.190 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

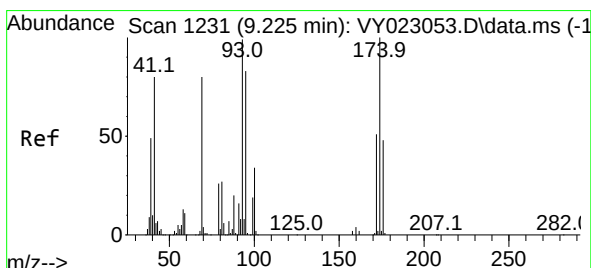
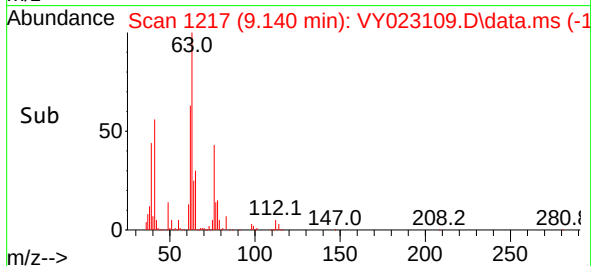
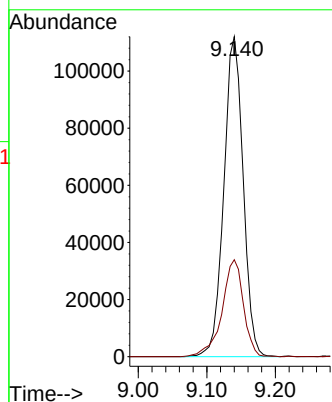
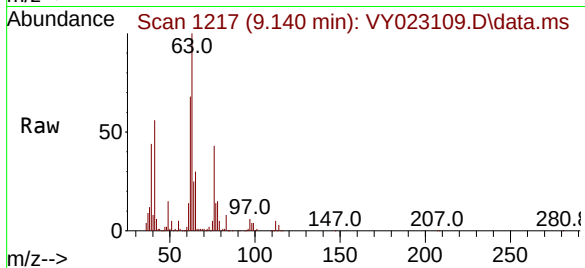
VSTDCCC050EC

Tgt Ion: 63 Resp: 219128

Ion Ratio Lower Upper

63 100

65 30.3 25.3 37.9



#46

Dibromomethane

Concen: 50.217 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

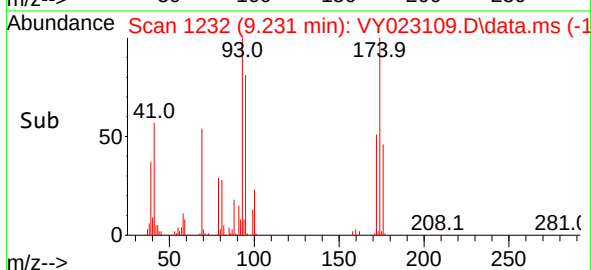
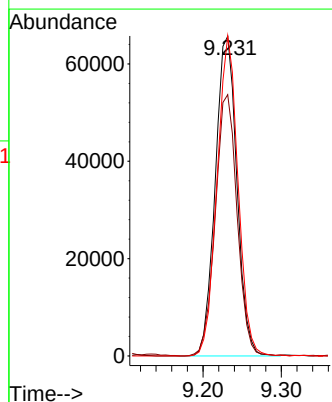
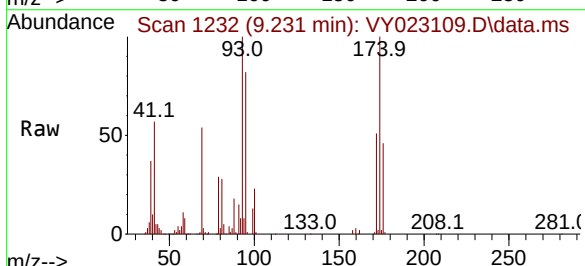
Tgt Ion: 93 Resp: 125840

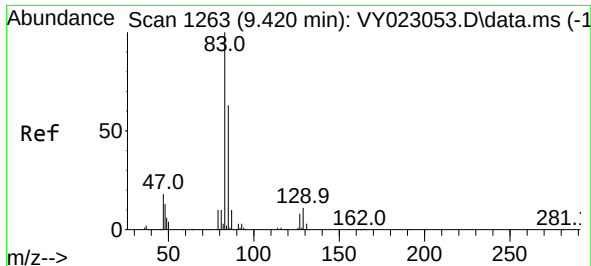
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

174 97.4 81.8 122.8





#47

Bromodichloromethane

Concen: 51.308 ug/l

RT: 9.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

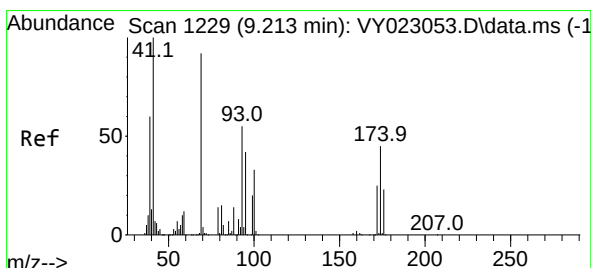
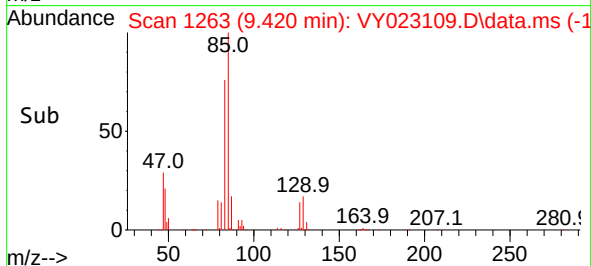
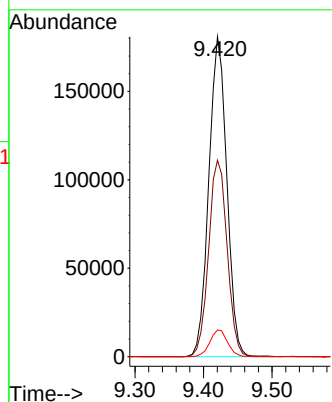
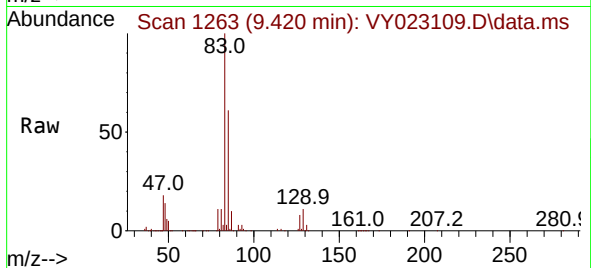
Tgt Ion: 83 Resp: 330836

Ion Ratio Lower Upper

83 100

85 61.4 50.2 75.4

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 46.602 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

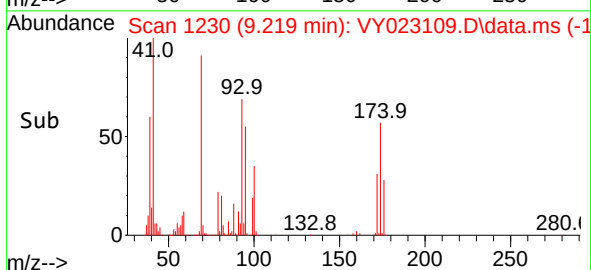
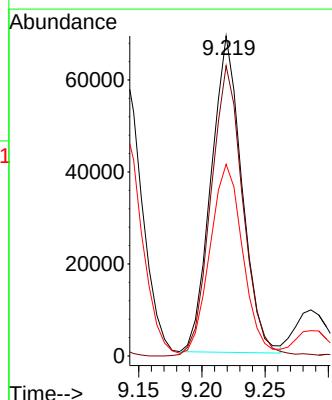
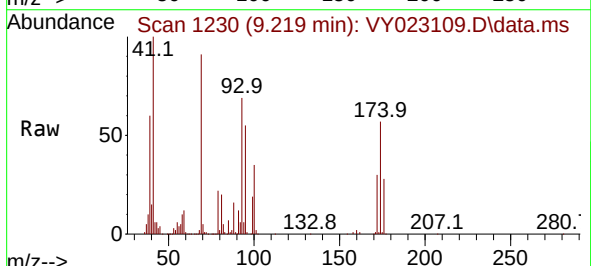
Tgt Ion: 41 Resp: 116562

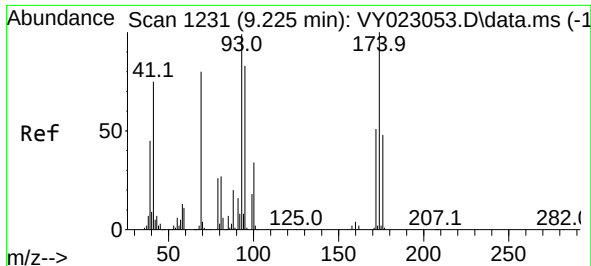
Ion Ratio Lower Upper

41 100

69 95.4 73.2 109.8

39 63.1 47.0 70.4

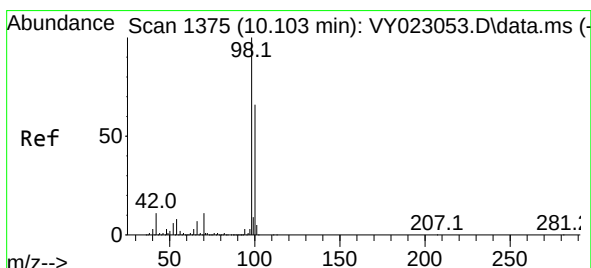
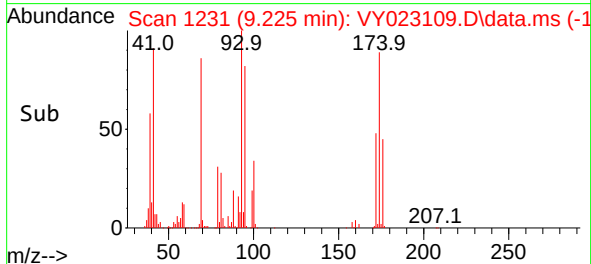
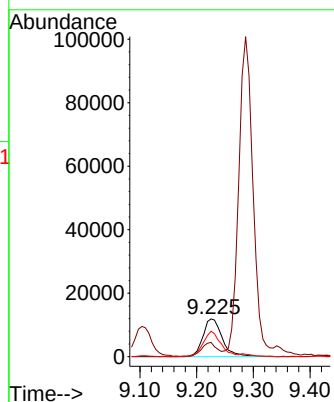
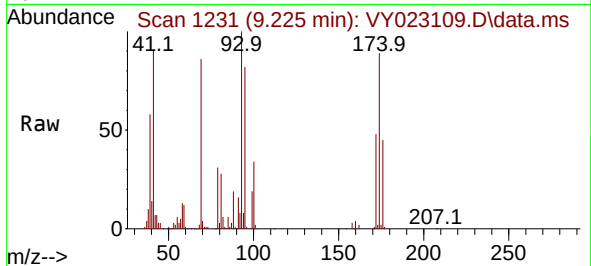




#49
1,4-Dioxane
Concen: 959.813 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

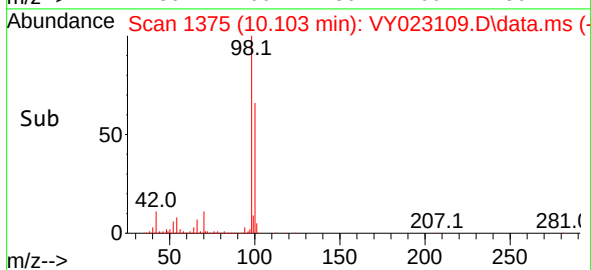
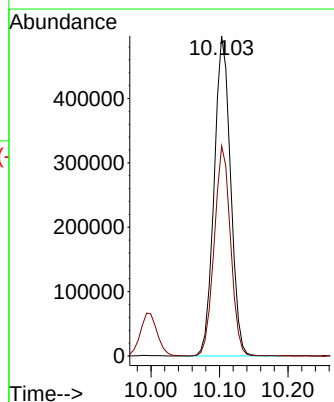
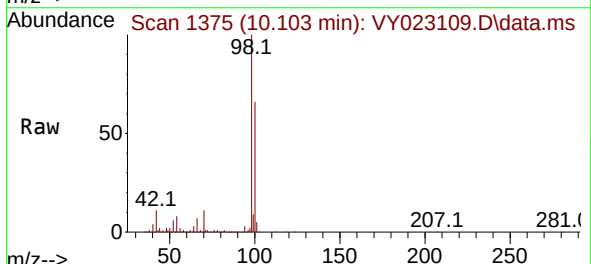
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

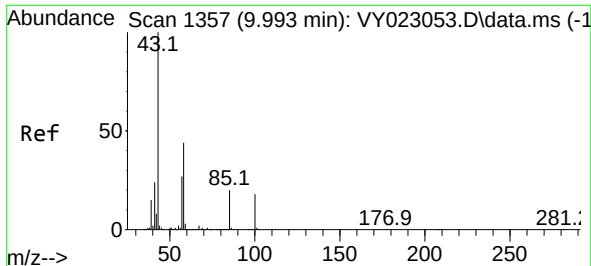
Tgt Ion: 88 Resp: 28202
Ion Ratio Lower Upper
88 100
43 28.7 24.3 36.5
58 62.1 55.4 83.0



#50
Toluene-d8
Concen: 50.964 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 98 Resp: 824760
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

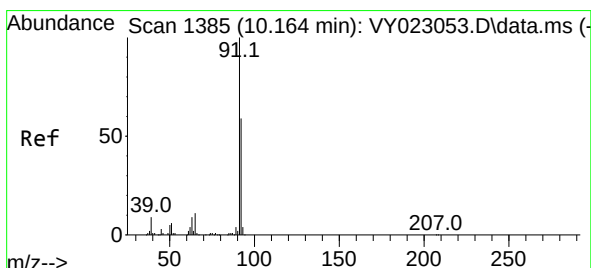
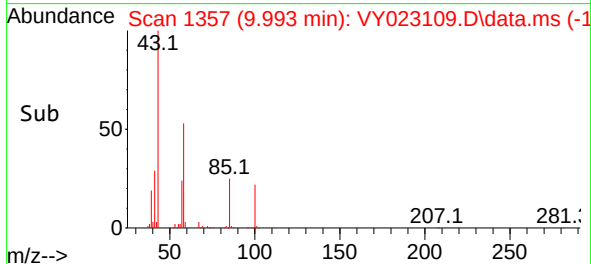
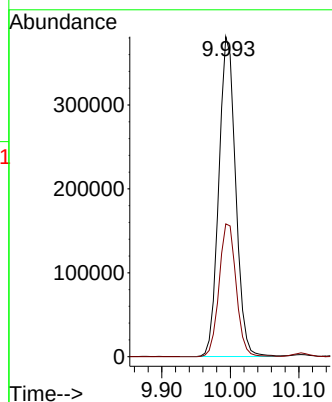
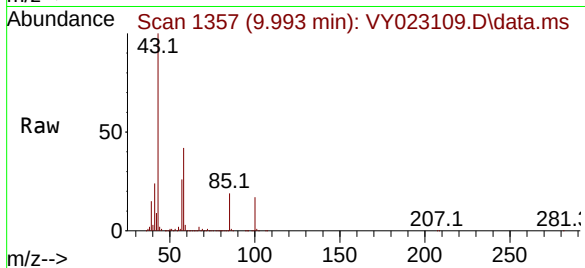




#51
4-Methyl-2-Pentanone
Concen: 240.407 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

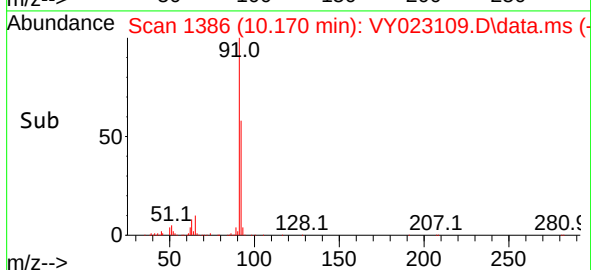
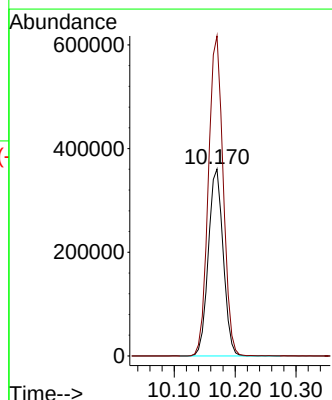
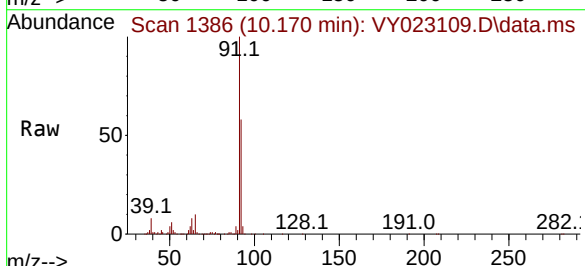
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

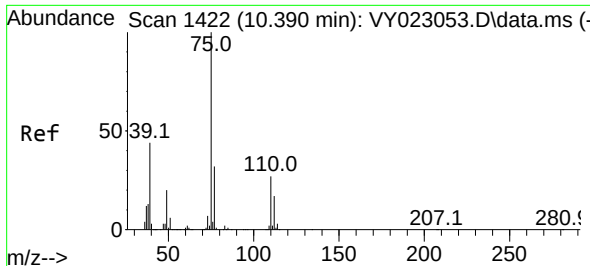
Tgt Ion: 43 Resp: 648196
Ion Ratio Lower Upper
43 100
58 42.2 33.5 50.3



#52
Toluene
Concen: 50.491 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 92 Resp: 608495
Ion Ratio Lower Upper
92 100
91 171.0 136.4 204.6

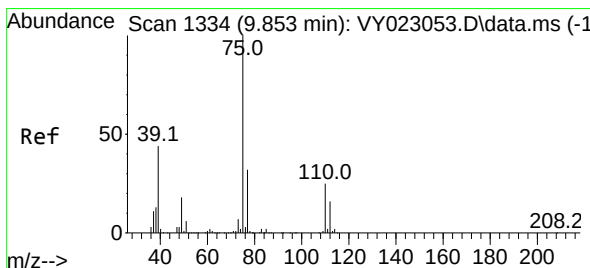
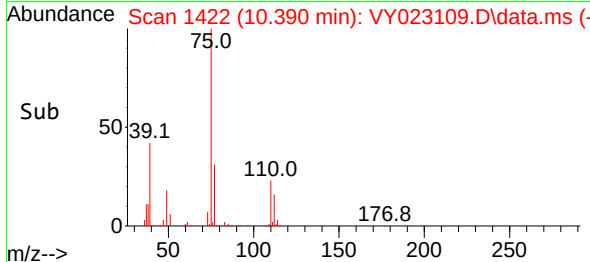
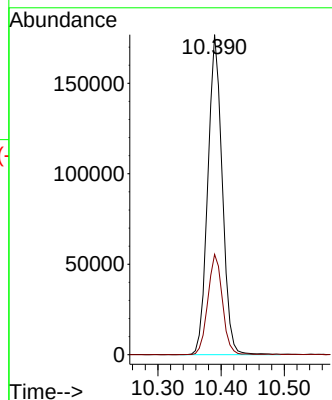
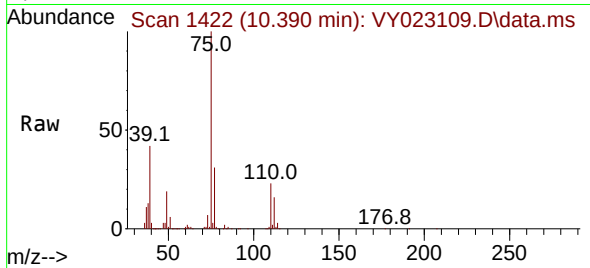




#53
t-1,3-Dichloropropene
Concen: 48.061 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

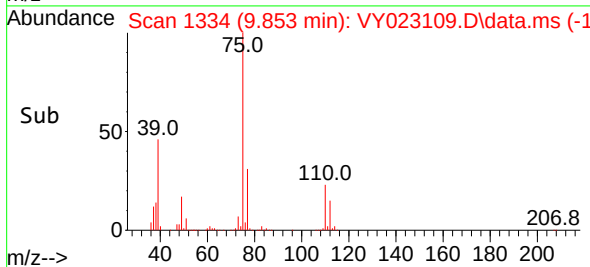
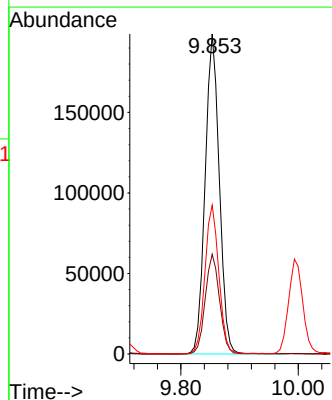
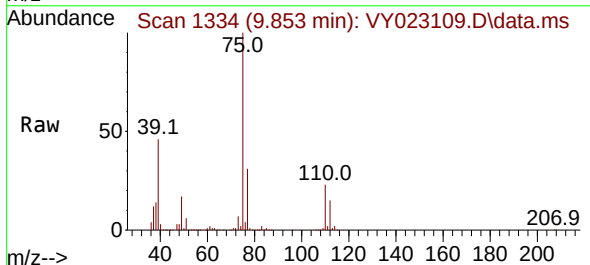
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

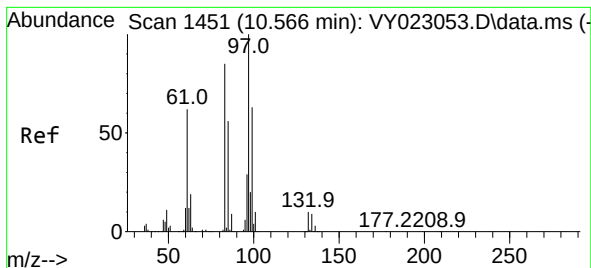
Tgt Ion: 75 Resp: 280629
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 48.260 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 75 Resp: 333217
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 46.4 35.6 53.4



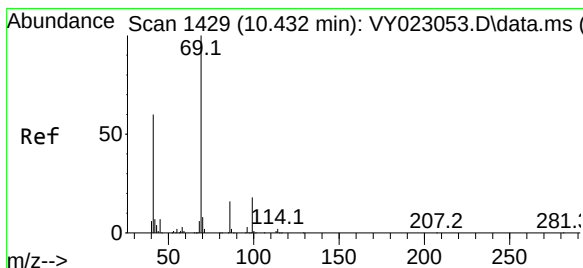
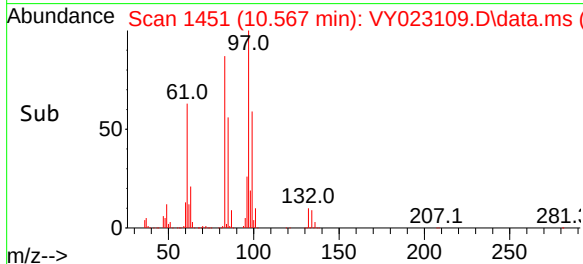
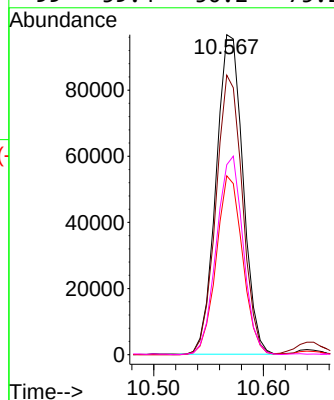
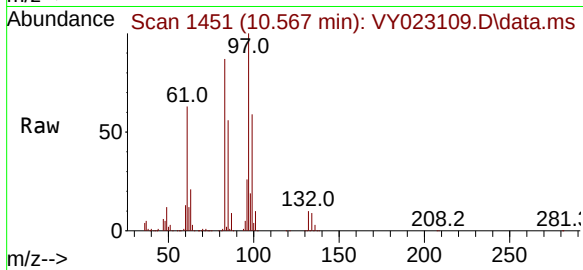


#55
1,1,2-Trichloroethane
Concen: 49.113 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 164684

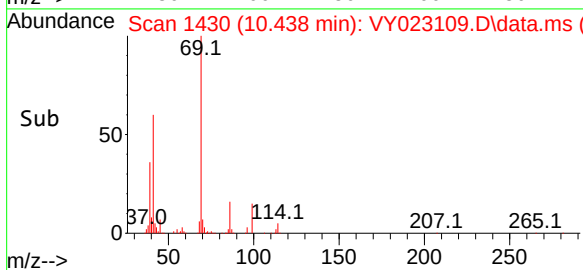
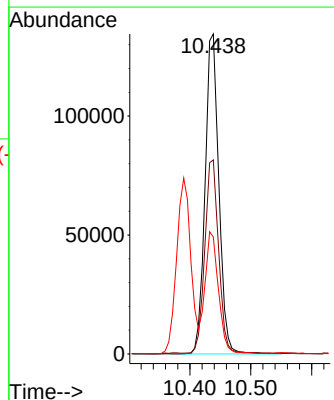
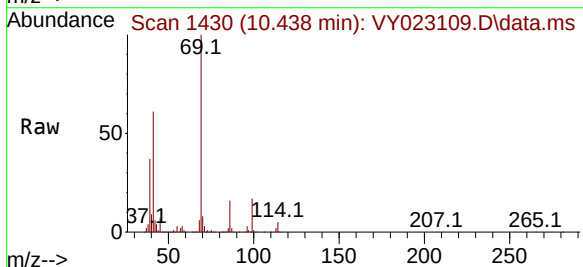
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.7	101.5
85	56.0	44.5	66.7
99	59.4	50.2	75.2

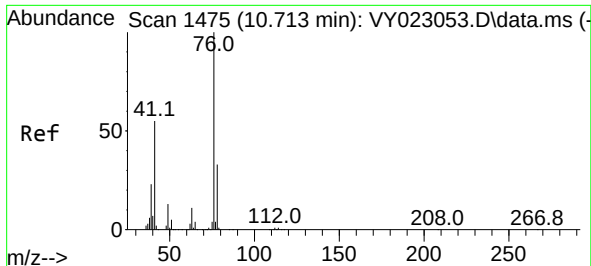


#56
Ethyl methacrylate
Concen: 49.346 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 69 Resp: 211730

Ion	Ratio	Lower	Upper
69	100		
41	60.3	48.6	72.8
39	37.1	27.0	40.4





#57

1,3-Dichloropropane

Concen: 49.259 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

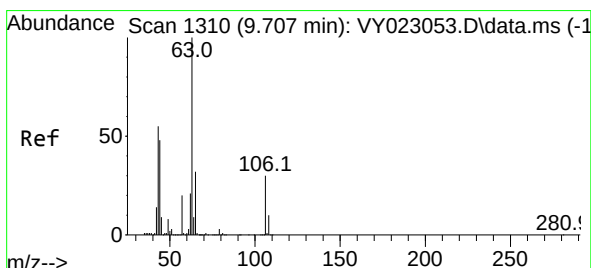
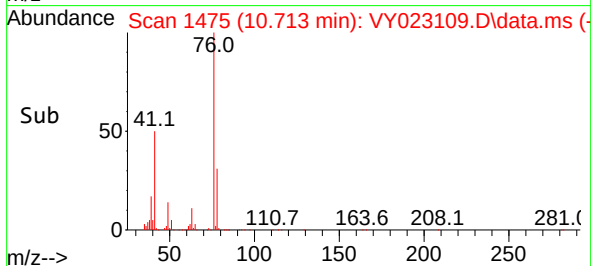
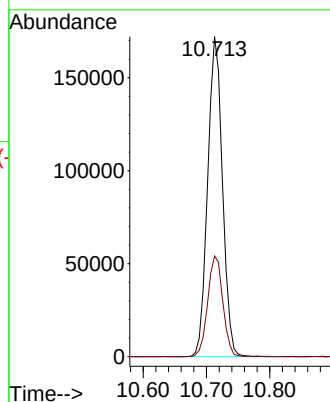
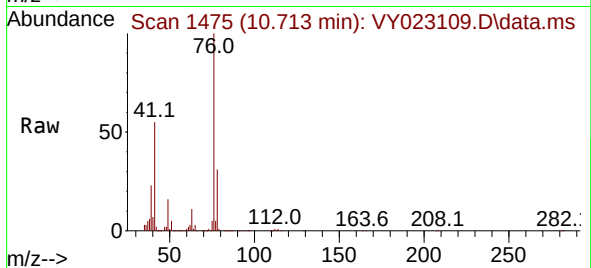
VSTDCCC050EC

Tgt Ion: 76 Resp: 280123

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 258.207 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023109.D

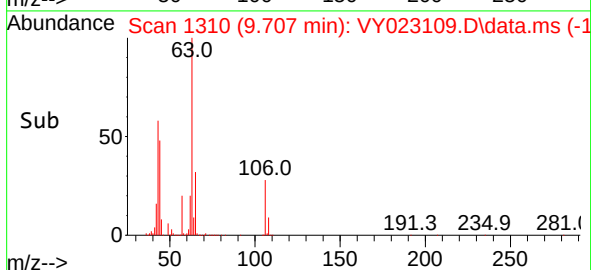
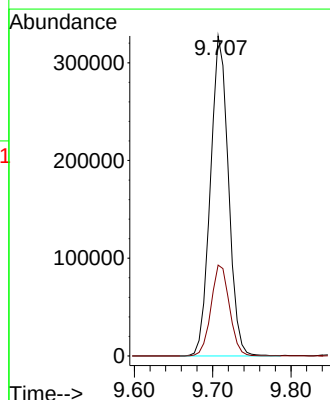
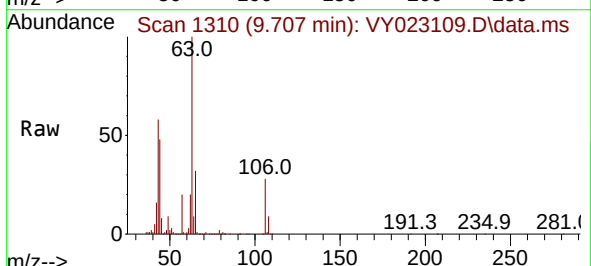
Acq: 14 Aug 2025 20:38

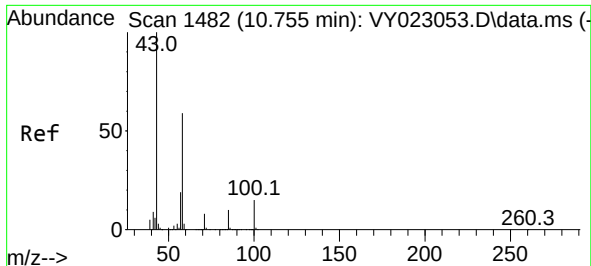
Tgt Ion: 63 Resp: 522597

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8

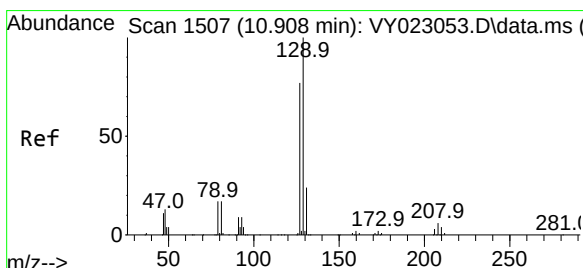
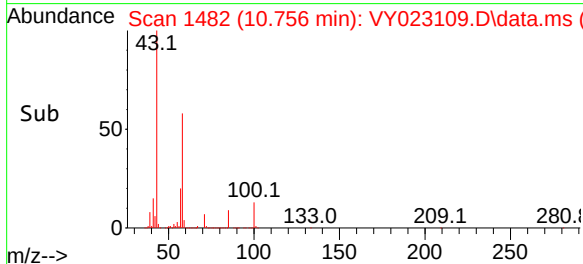
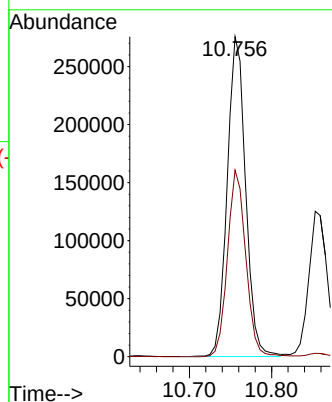
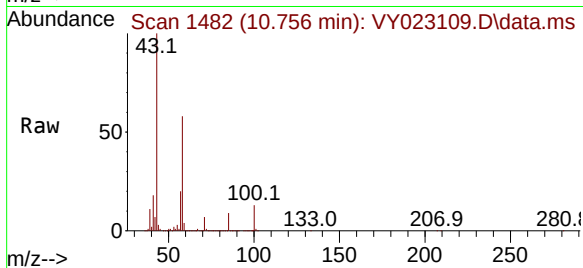




#59
2-Hexanone
Concen: 233.670 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

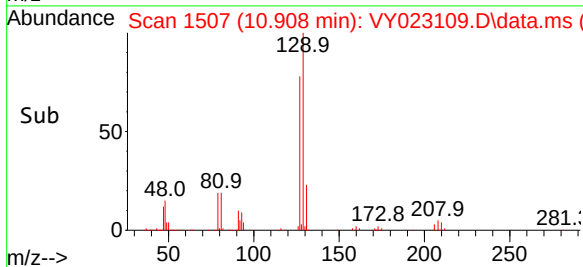
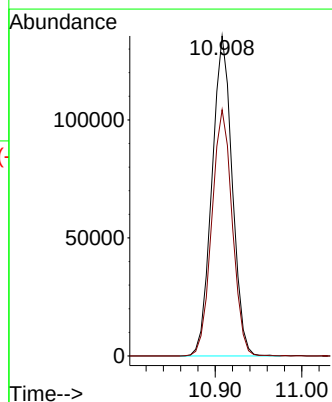
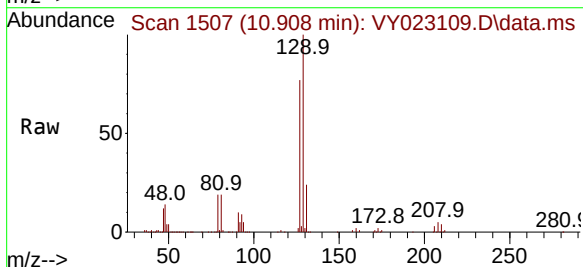
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

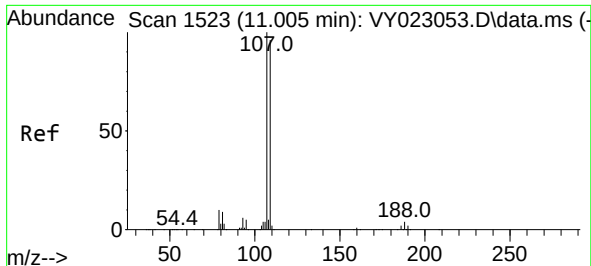
Tgt Ion: 43 Resp: 429008
Ion Ratio Lower Upper
43 100
58 58.2 29.5 88.5



#60
Dibromochloromethane
Concen: 49.847 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 129 Resp: 220549
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

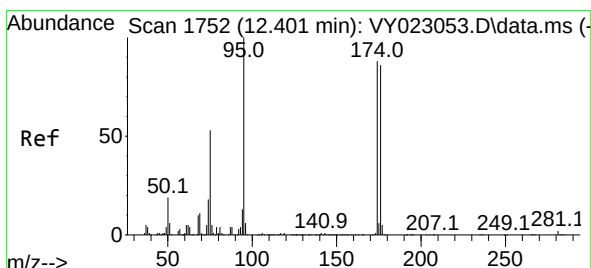
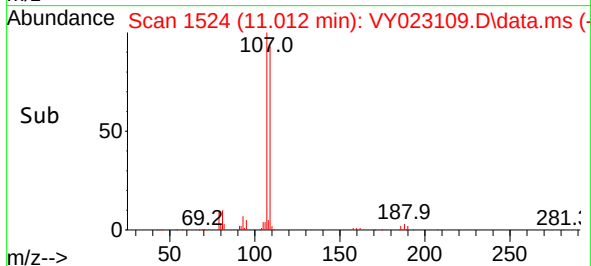
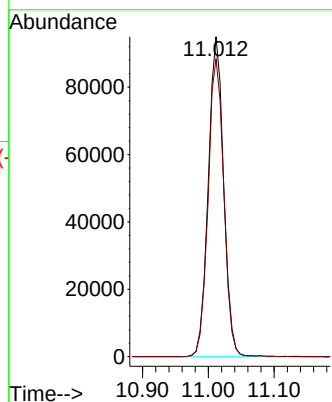
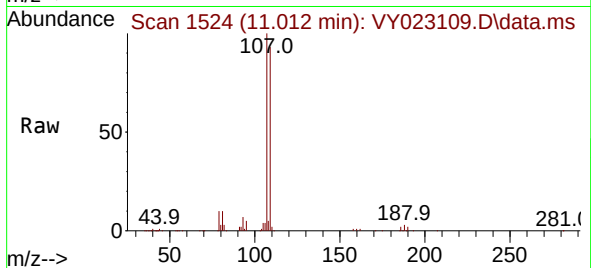




#61
1,2-Dibromoethane
Concen: 49.026 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

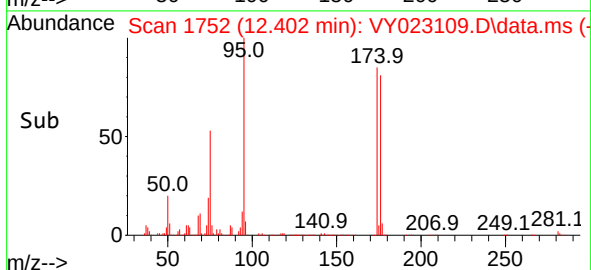
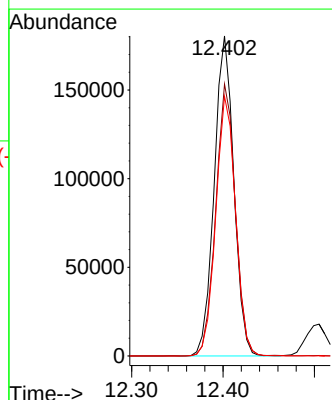
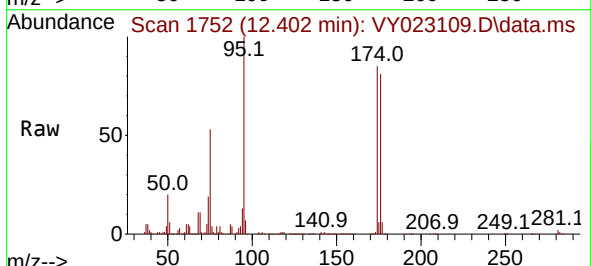
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

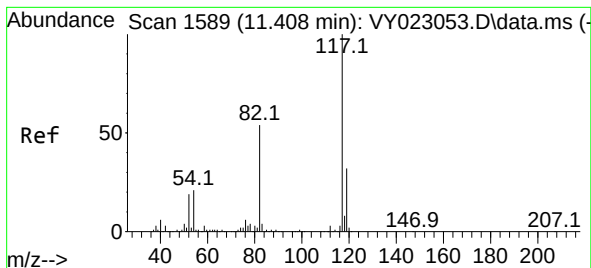
Tgt Ion:107 Resp: 154512
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.660 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 95 Resp: 268864
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.6
176 81.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

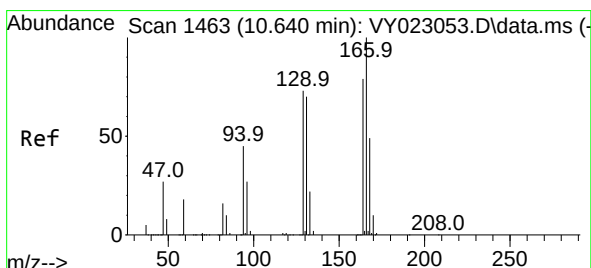
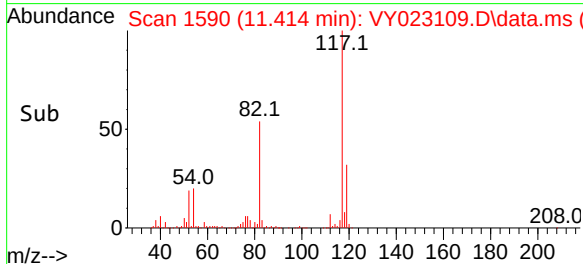
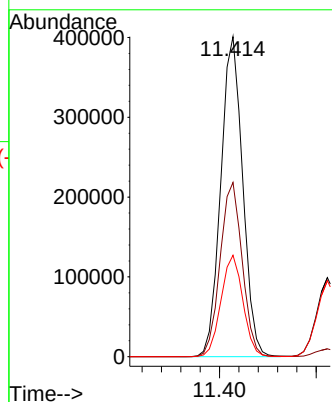
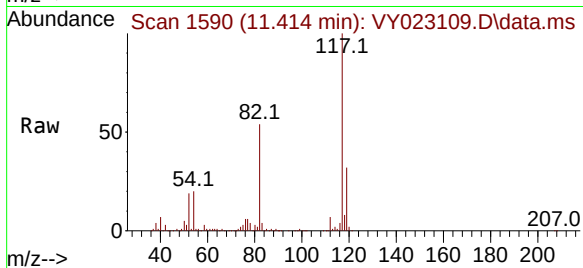
Tgt Ion:117 Resp: 629047

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 47.178 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Tgt Ion:164 Resp: 264997

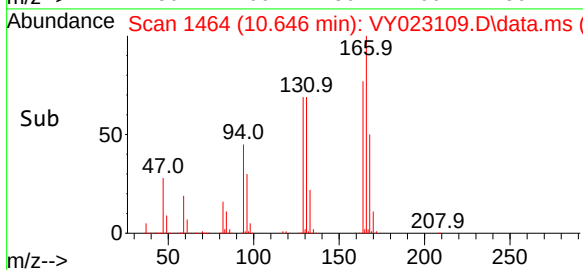
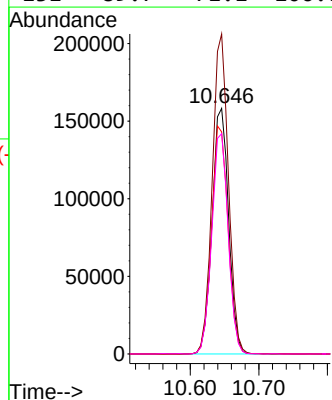
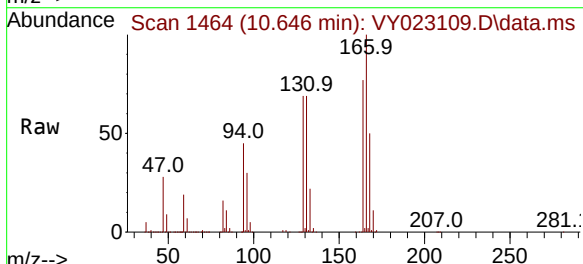
Ion Ratio Lower Upper

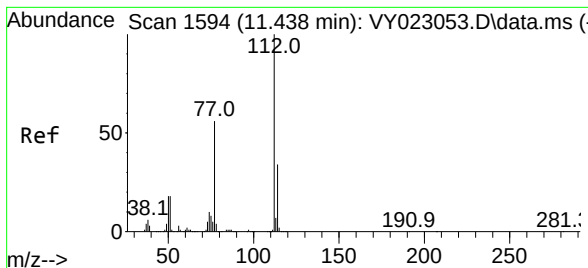
164 100

166 130.3 101.1 151.7

129 90.4 74.0 111.0

131 89.7 71.1 106.7

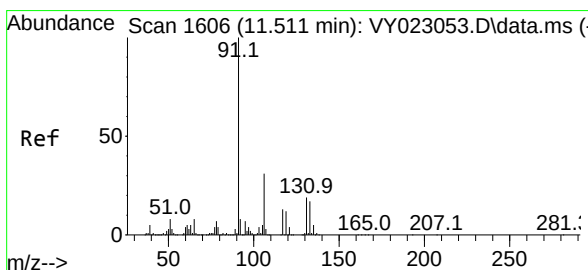
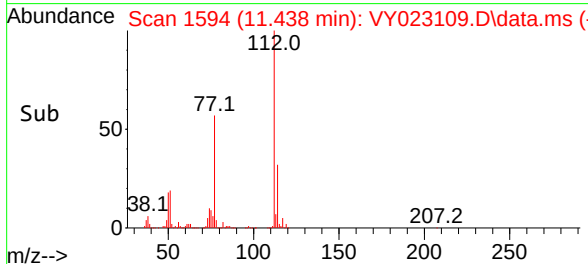
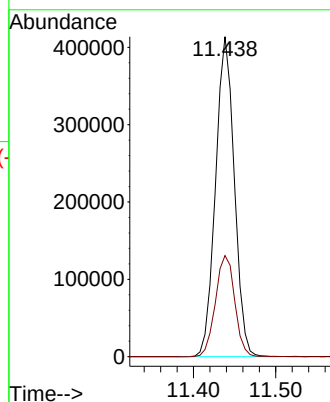
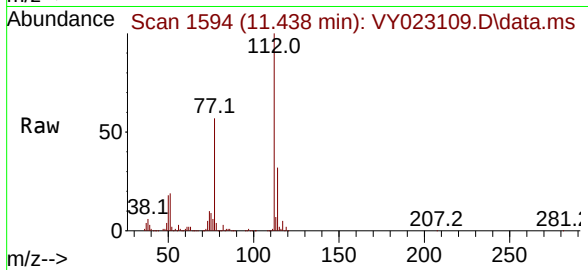




#65
Chlorobenzene
Concen: 48.335 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

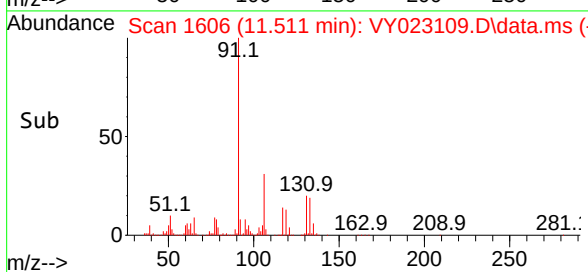
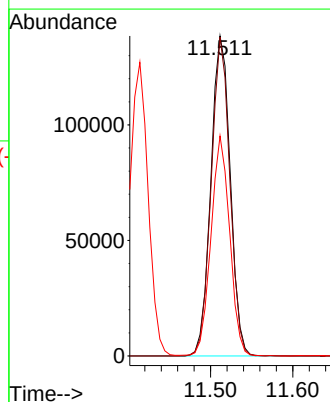
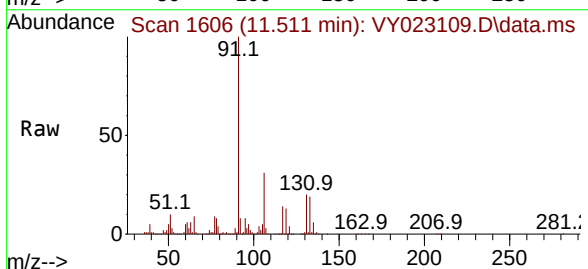
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

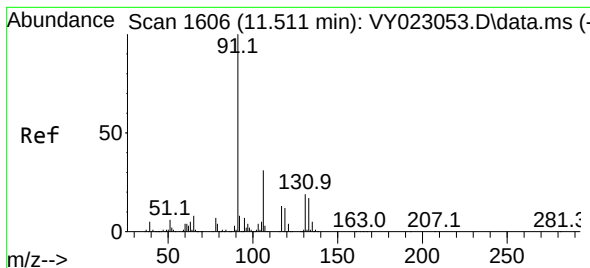
Tgt Ion:112 Resp: 655836
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.184 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion:131 Resp: 226496
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.6
119 66.5 33.2 99.6





#67

Ethyl Benzene

Concen: 48.775 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

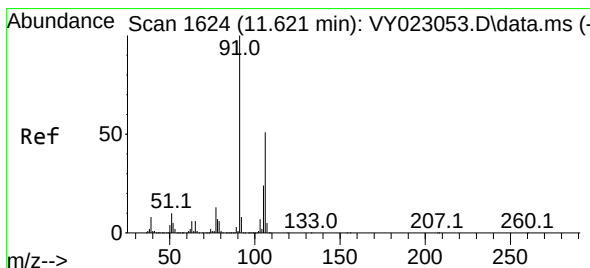
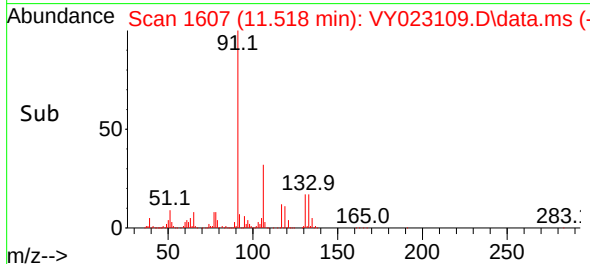
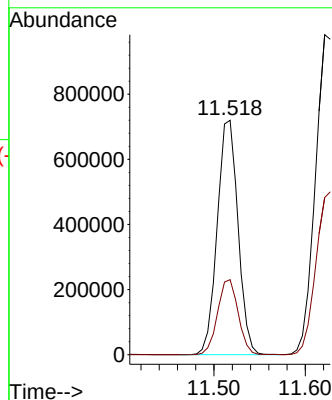
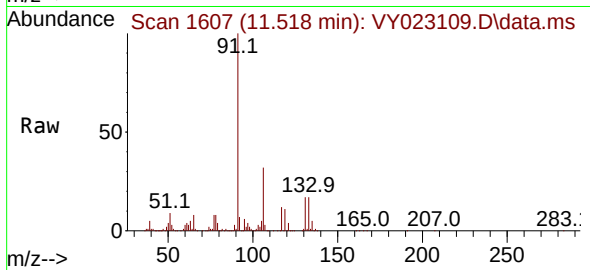
VSTDCCC050EC

Tgt Ion: 91 Resp: 1138907

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 99.829 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023109.D

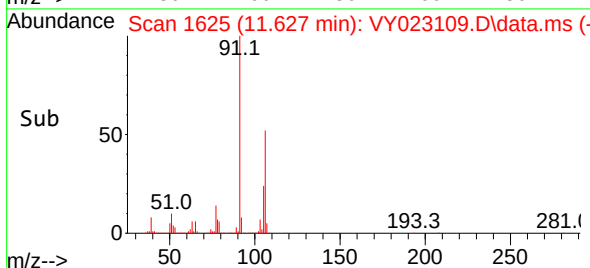
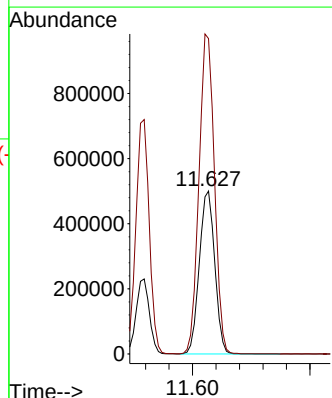
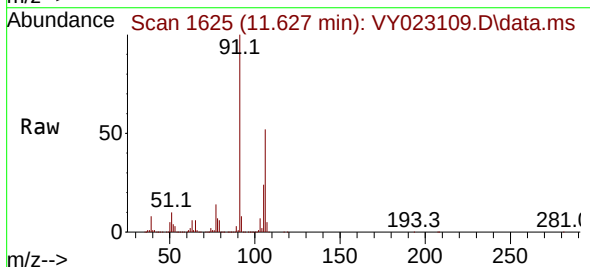
Acq: 14 Aug 2025 20:38

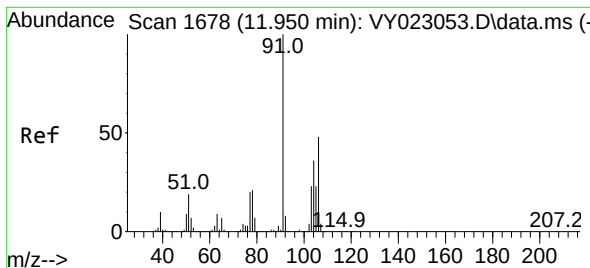
Tgt Ion:106 Resp: 910415

Ion Ratio Lower Upper

106 100

91 196.9 158.6 238.0

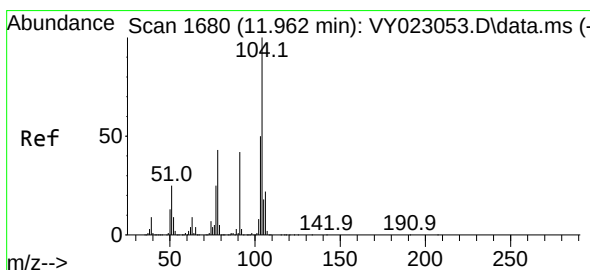
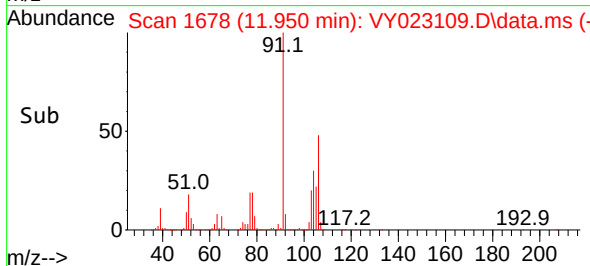
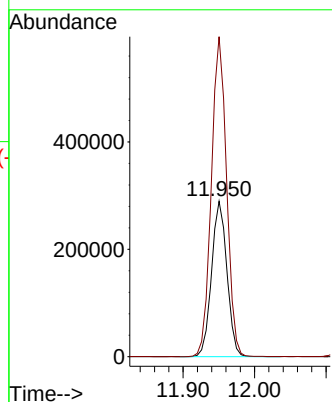
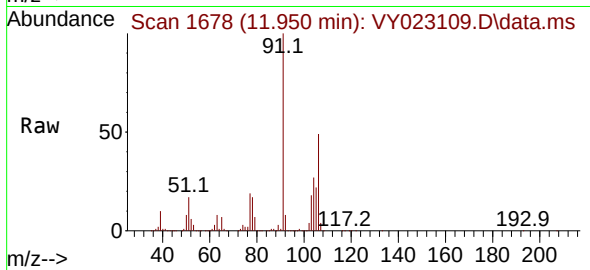




#69
o-Xylene
Concen: 50.504 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

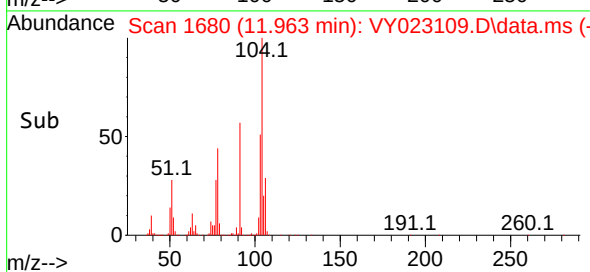
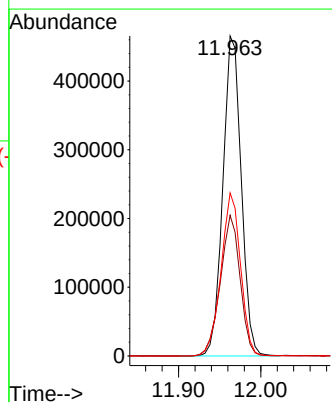
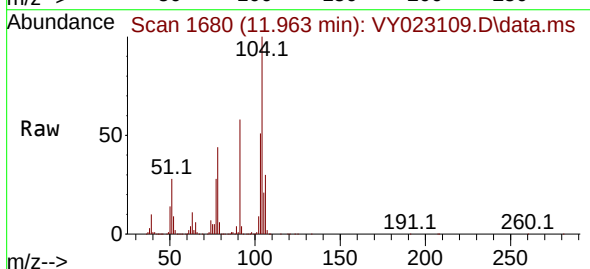
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

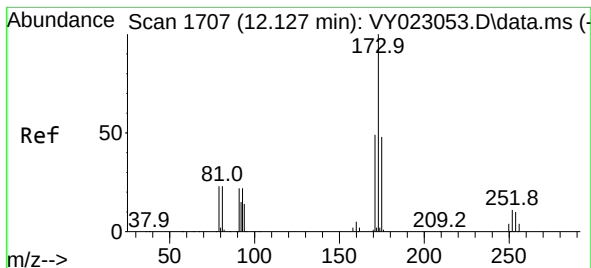
Tgt Ion:106 Resp: 431382
Ion Ratio Lower Upper
106 100
91 204.3 103.2 309.4



#70
Styrene
Concen: 51.783 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion:104 Resp: 723332
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 47.255 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

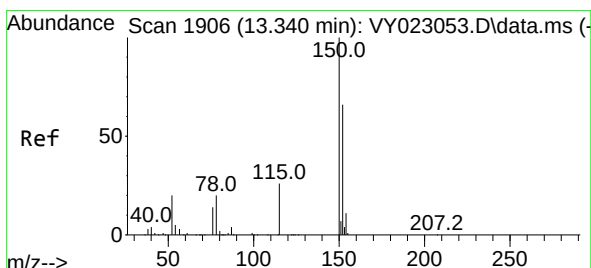
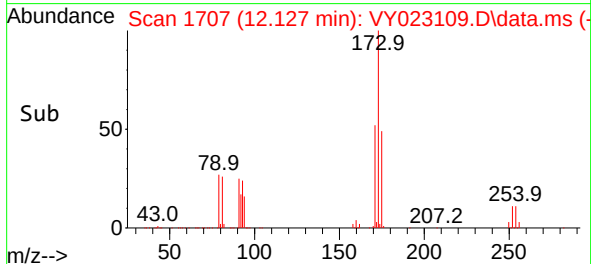
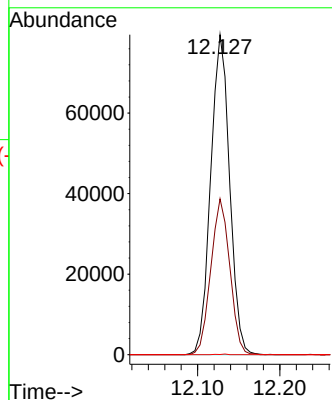
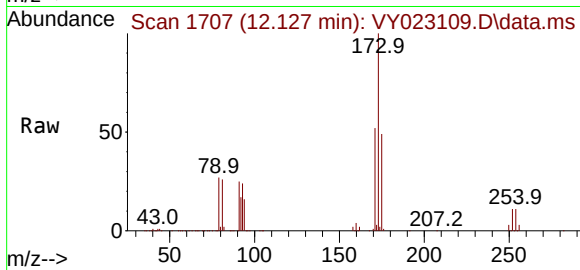
Tgt Ion:173 Resp: 127183

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

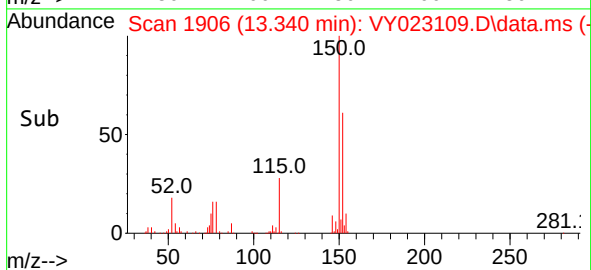
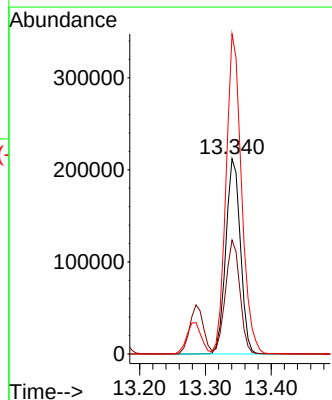
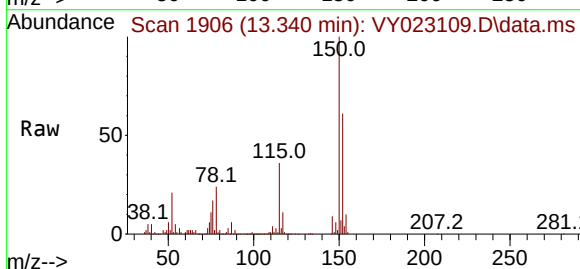
Tgt Ion:152 Resp: 327747

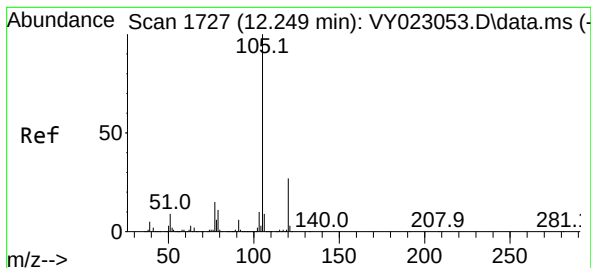
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.6

150 173.7 0.0 348.0





#73

Isopropylbenzene

Concen: 46.938 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

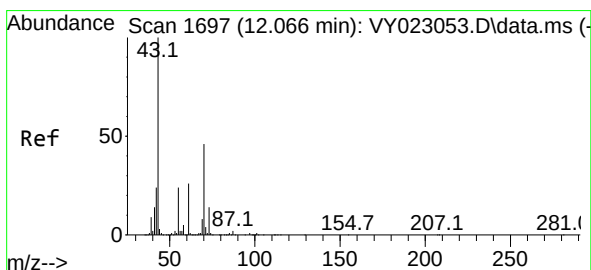
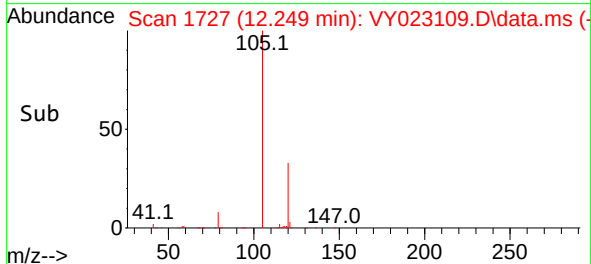
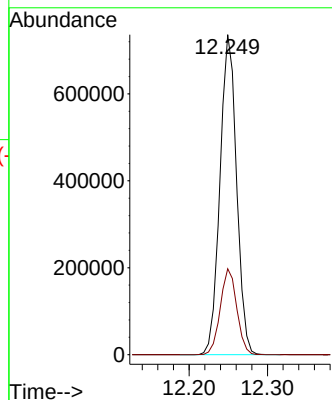
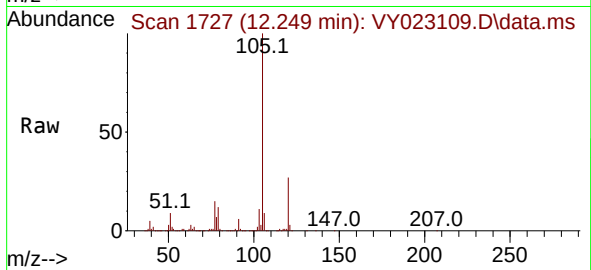
VSTDCCC050EC

Tgt Ion:105 Resp: 1085768

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 44.606 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Tgt Ion: 43 Resp: 218818

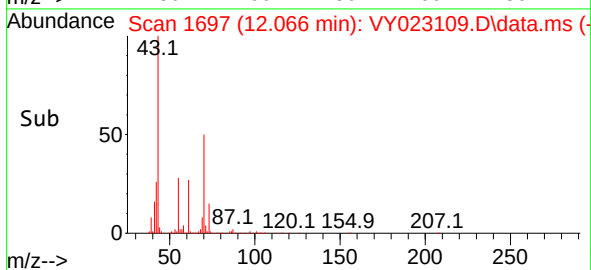
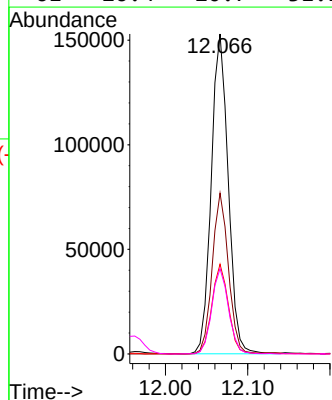
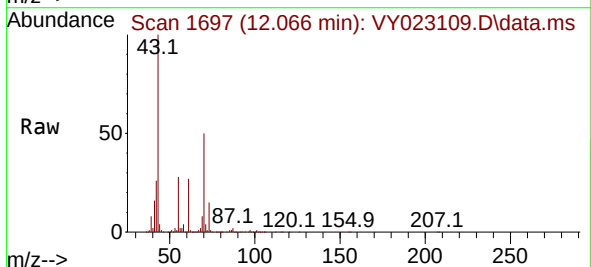
Ion Ratio Lower Upper

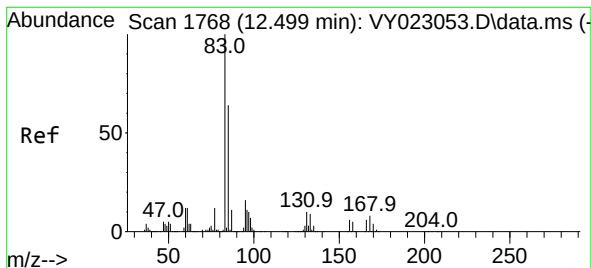
43 100

70 48.4 37.5 56.3

55 27.2 20.7 31.1

61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.802 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

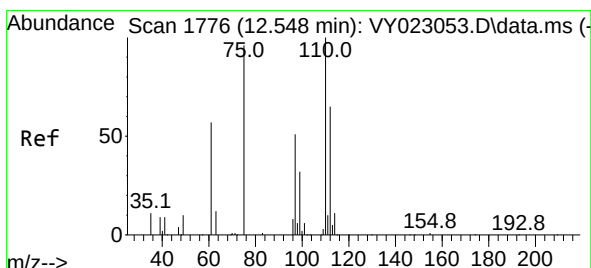
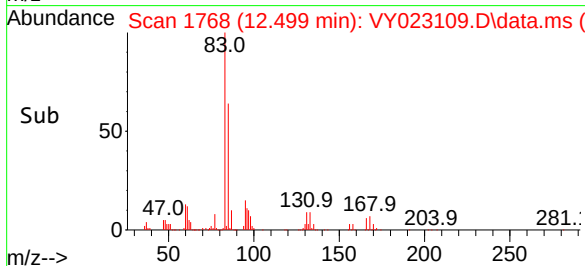
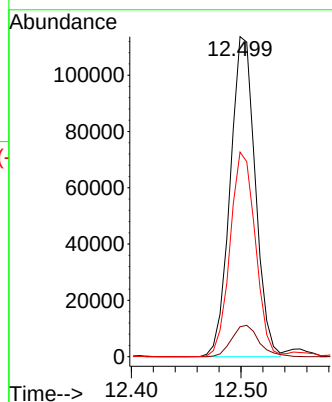
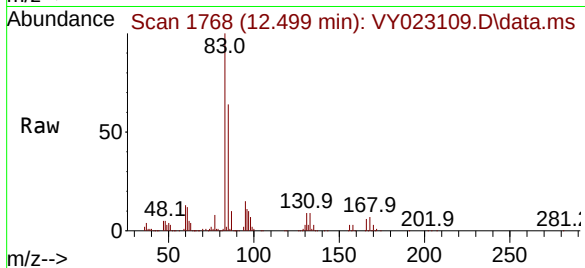
Tgt Ion: 83 Resp: 180905

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 74.861 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VY023109.D

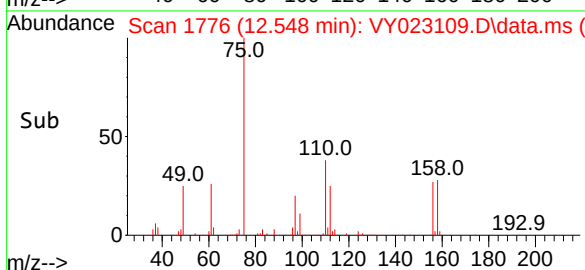
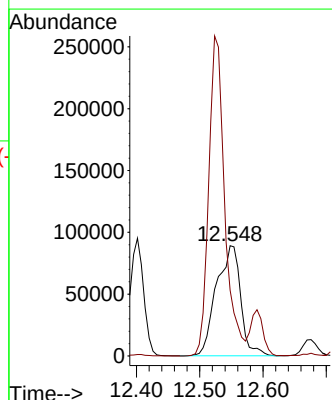
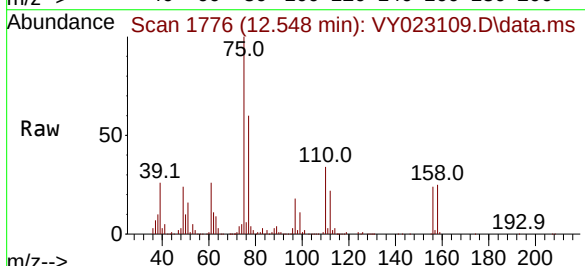
Acq: 14 Aug 2025 20:38

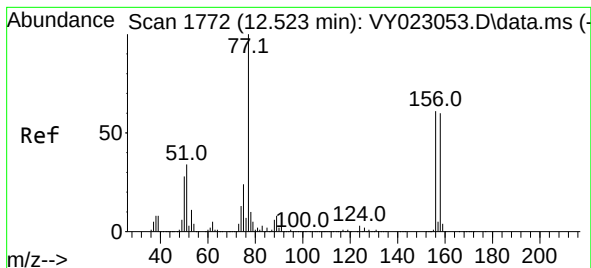
Tgt Ion: 75 Resp: 236792

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.165 ug/l

RT: 12.530 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

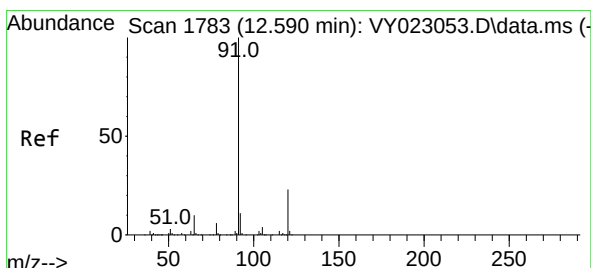
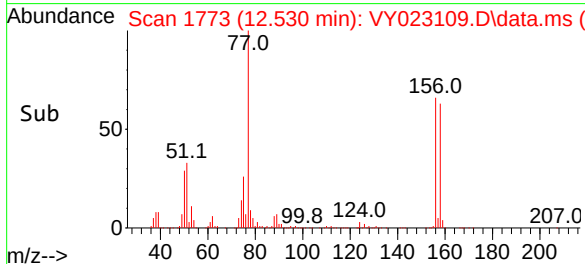
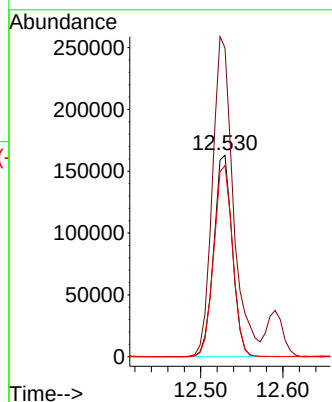
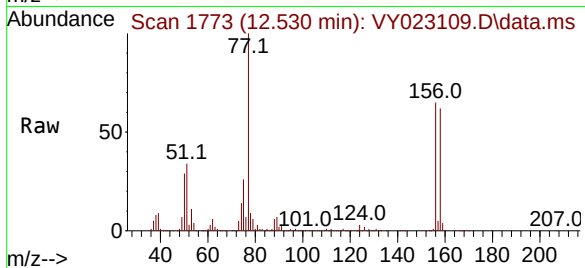
Tgt Ion:156 Resp: 254766

Ion Ratio Lower Upper

156 100

77 179.4 88.1 264.4

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 47.987 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023109.D

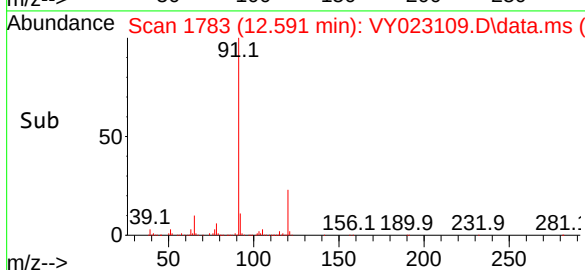
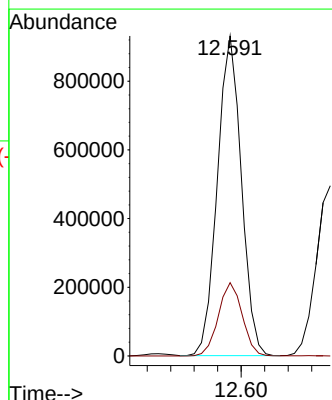
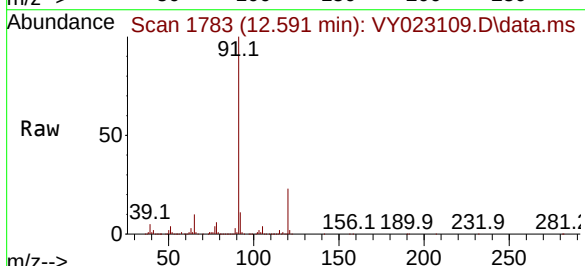
Acq: 14 Aug 2025 20:38

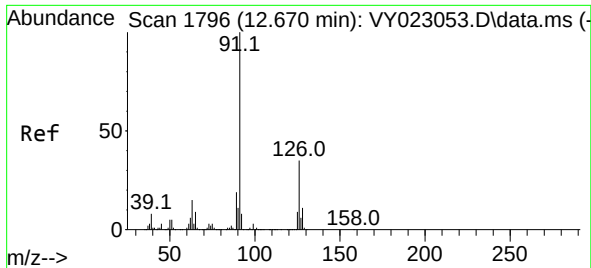
Tgt Ion: 91 Resp: 1321560

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

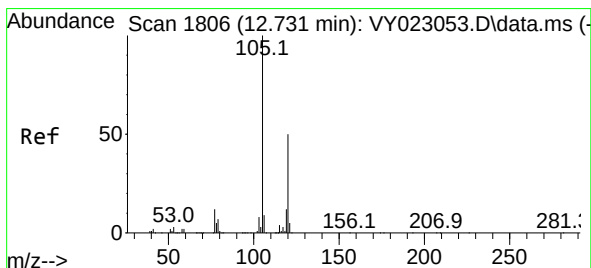
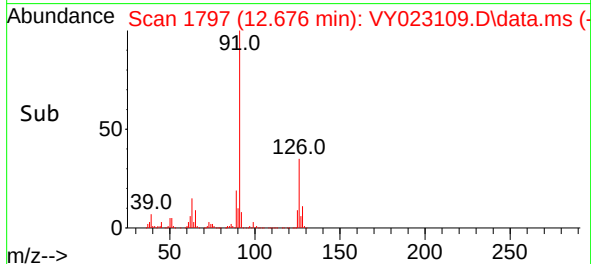
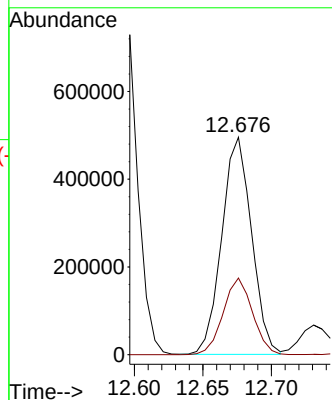
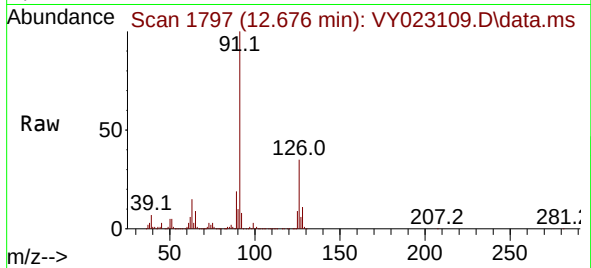




#79
2-Chlorotoluene
Concen: 47.529 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

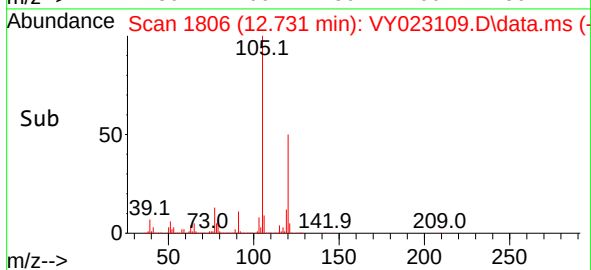
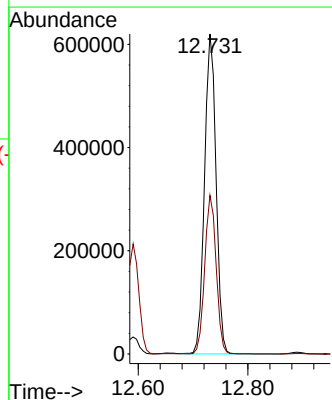
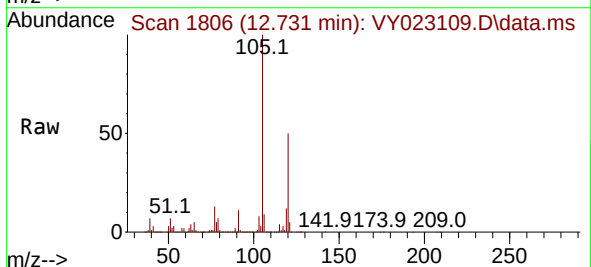
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

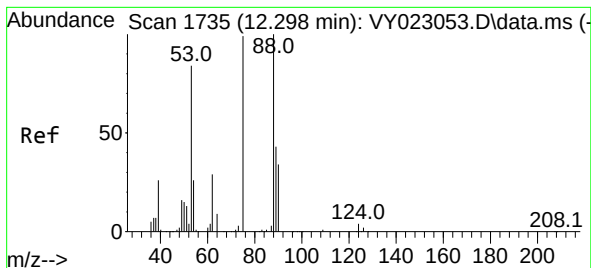
Tgt Ion: 91 Resp: 749983
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.207 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 105 Resp: 901239
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

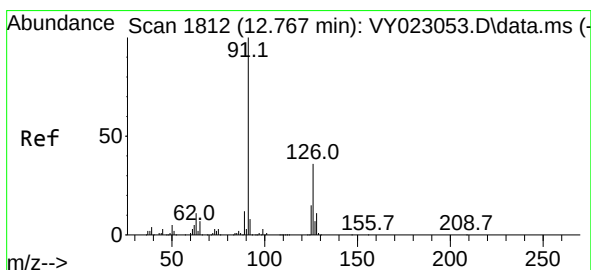
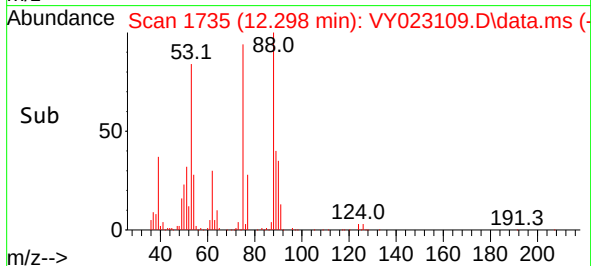
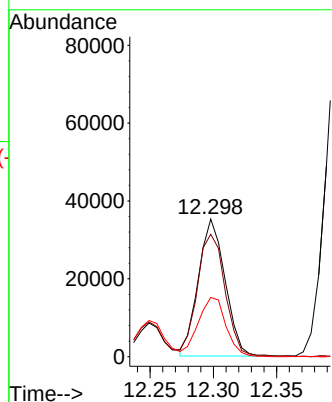
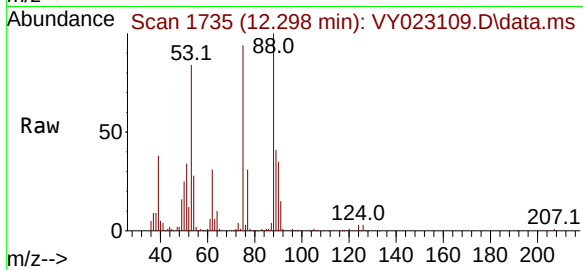




#81
trans-1,4-Dichloro-2-butene
Concen: 39.770 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

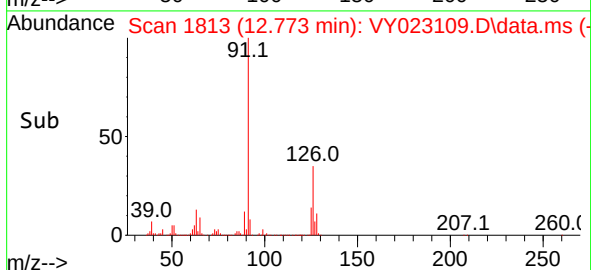
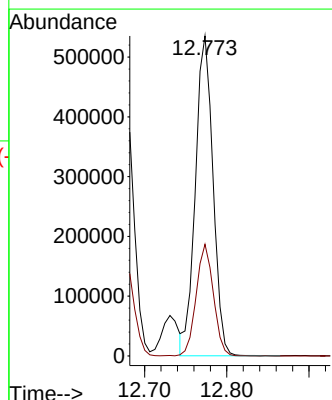
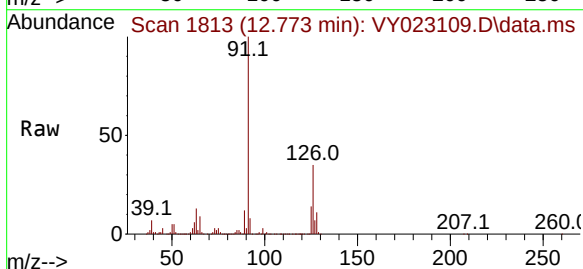
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

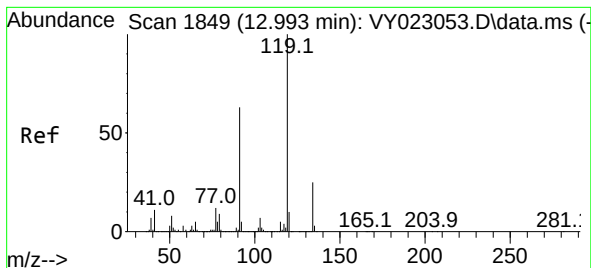
Tgt Ion: 75 Resp: 51968
Ion Ratio Lower Upper
75 100
53 94.6 70.8 106.2
89 44.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 48.521 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 91 Resp: 794254
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 47.072 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

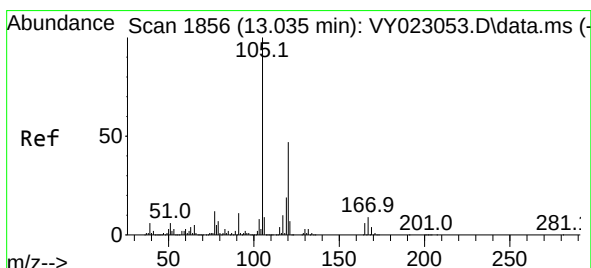
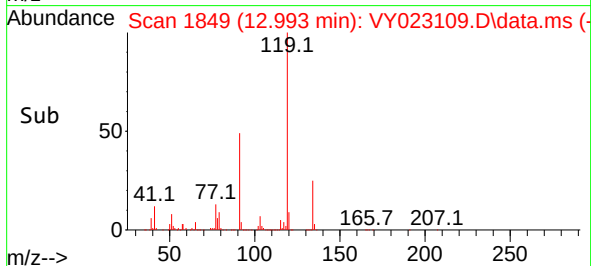
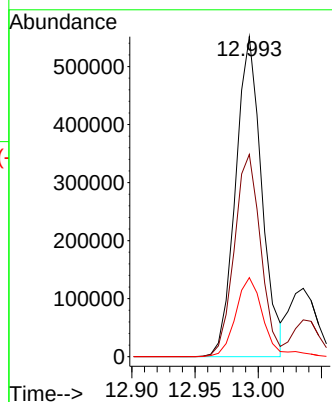
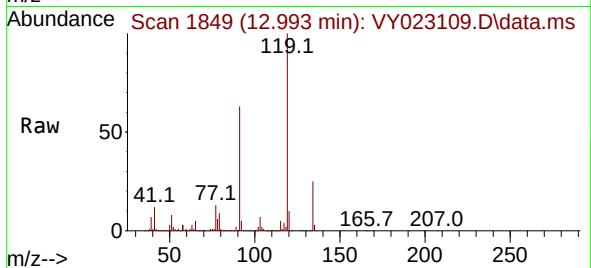
Tgt Ion:119 Resp: 794810

Ion Ratio Lower Upper

119 100

91 63.6 31.6 94.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 49.211 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY023109.D

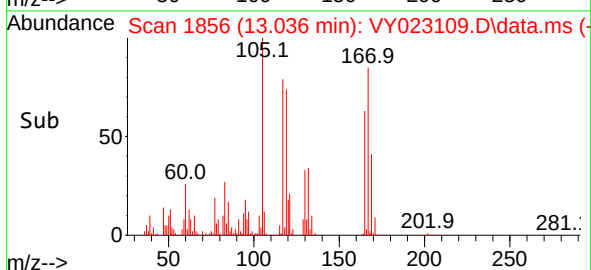
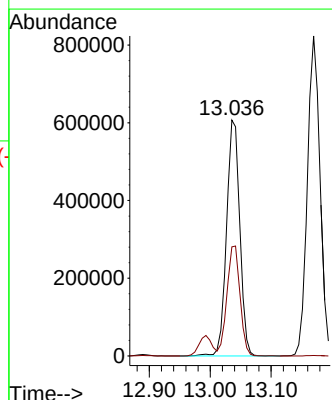
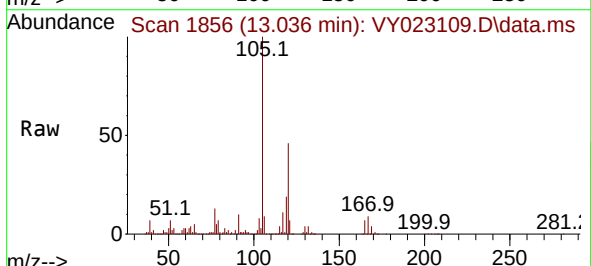
Acq: 14 Aug 2025 20:38

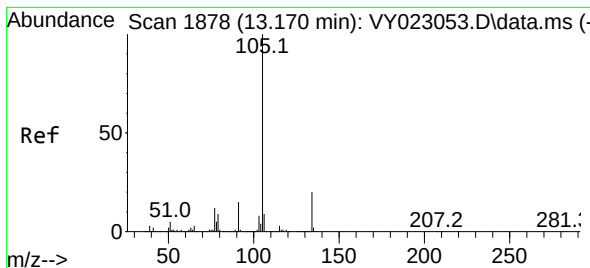
Tgt Ion:105 Resp: 915823

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.812 ug/l

RT: 13.170 min Scan# 1185899

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

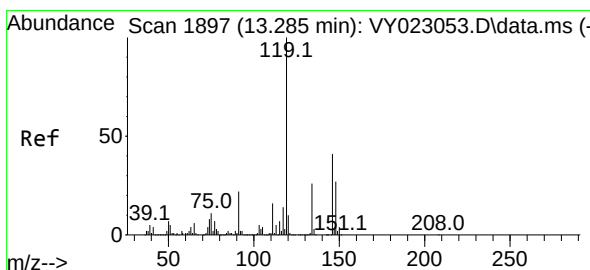
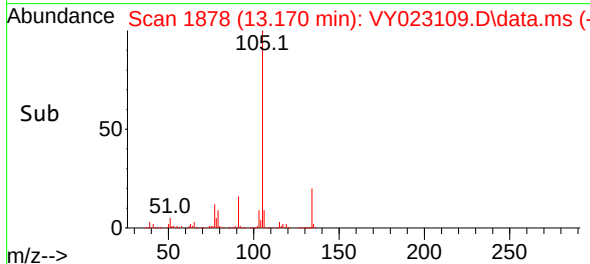
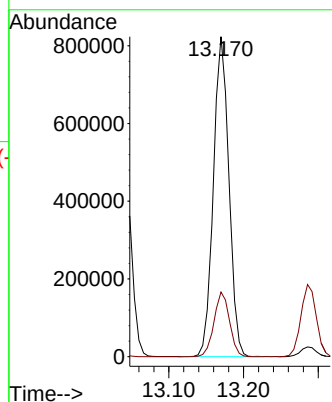
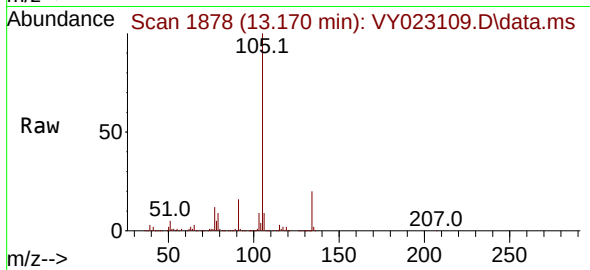
VSTDCCC050EC

Tgt Ion:105 Resp: 1185899

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.457 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

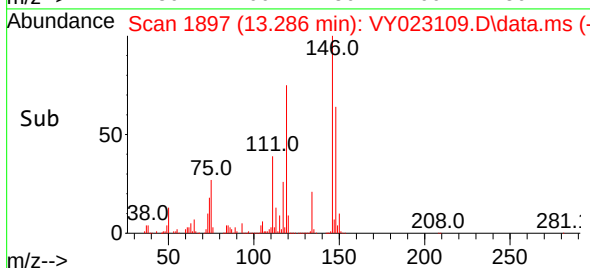
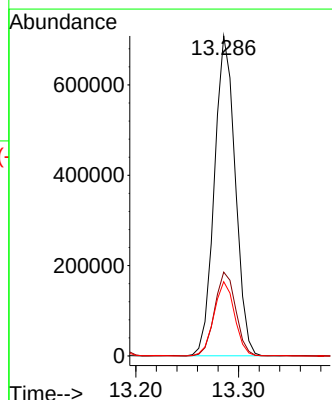
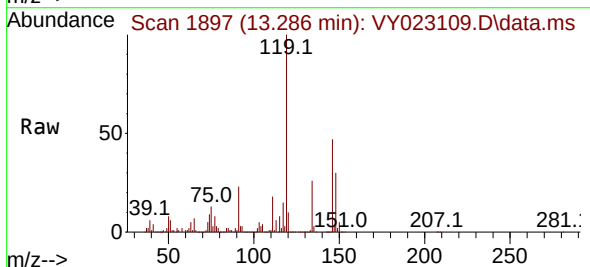
Tgt Ion:119 Resp: 997638

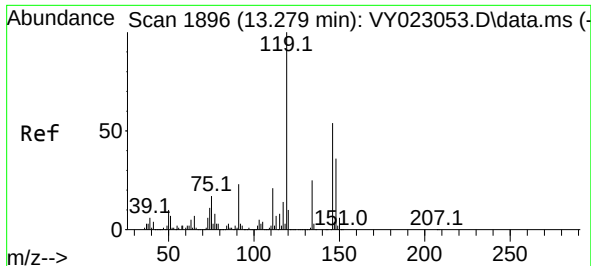
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.944 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

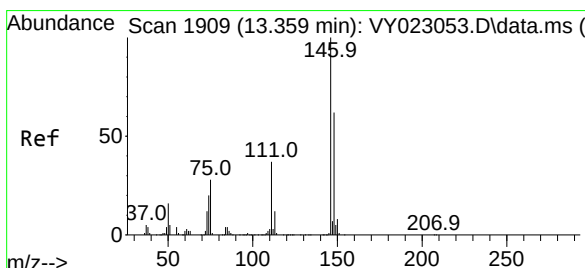
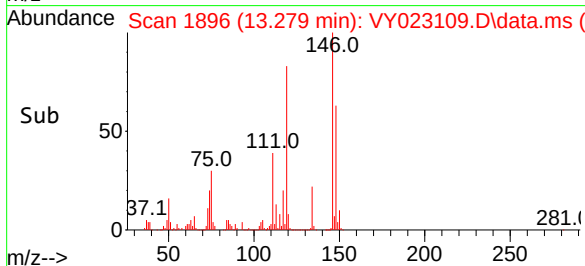
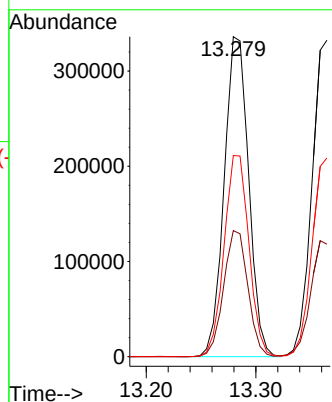
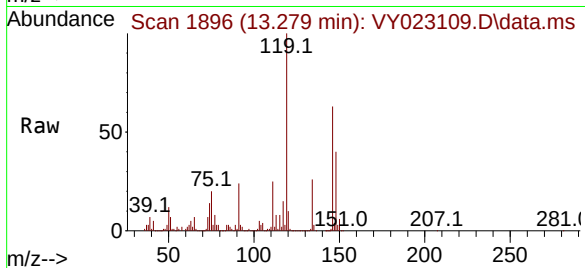
Tgt Ion:146 Resp: 521768

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 63.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 46.877 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

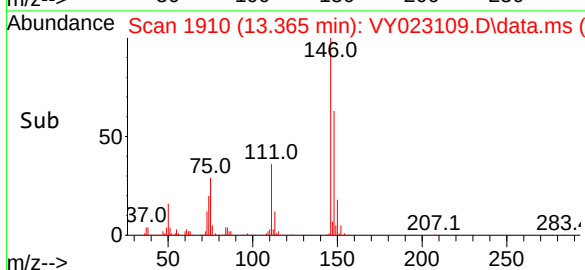
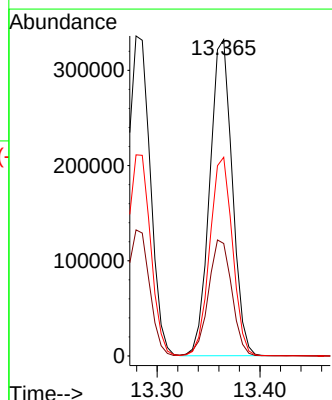
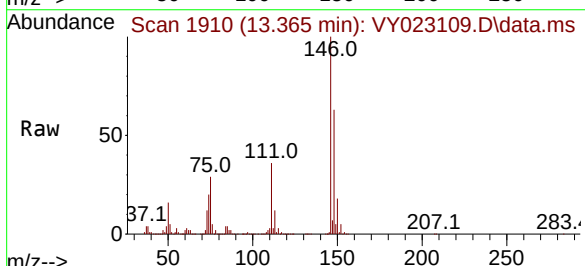
Tgt Ion:146 Resp: 506066

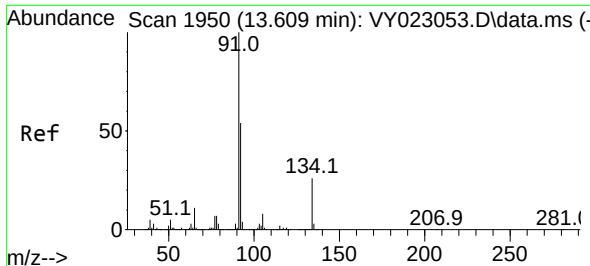
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 63.4 31.6 94.7

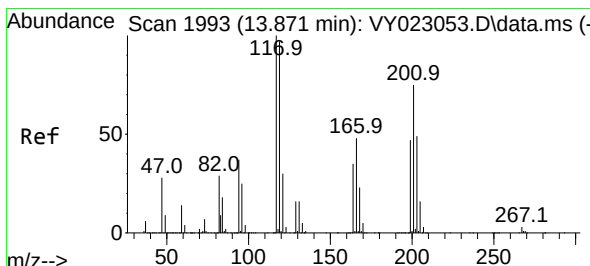
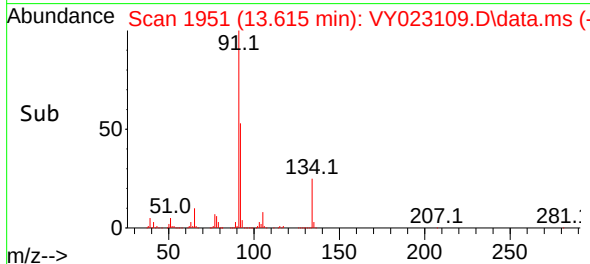
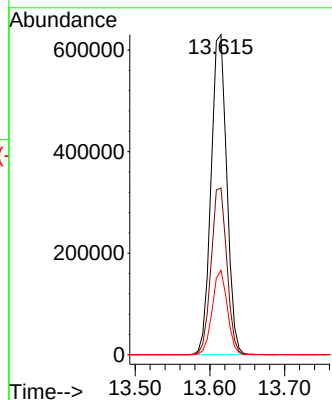
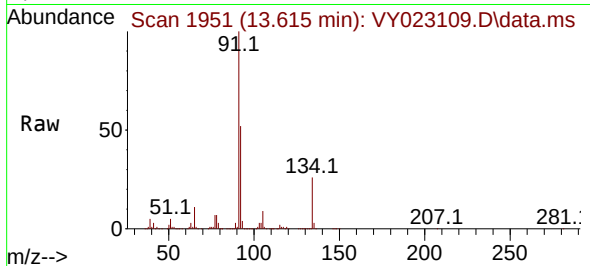




#89
n-Butylbenzene
Concen: 48.761 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

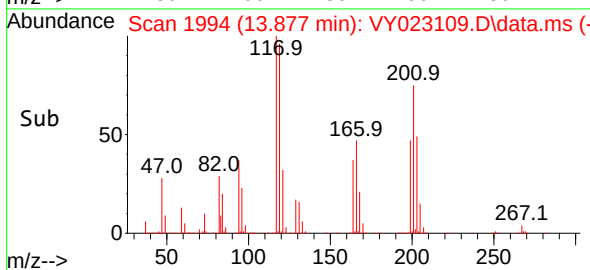
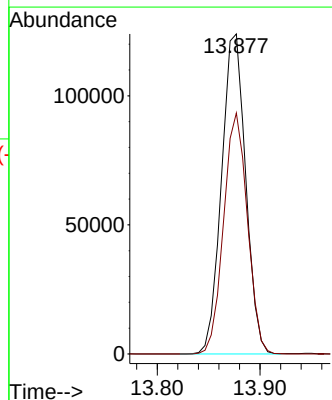
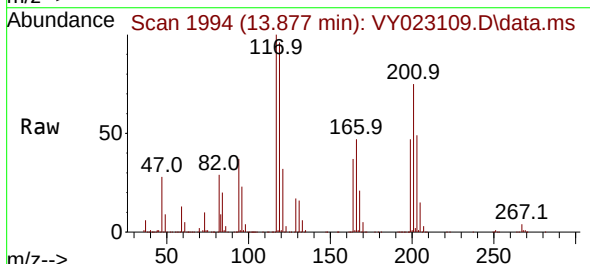
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

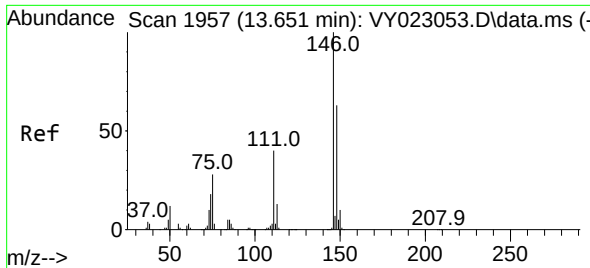
Tgt Ion: 91 Resp: 922027
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 25.2 13.2 39.5



#90
Hexachloroethane
Concen: 47.944 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion: 117 Resp: 202066
Ion Ratio Lower Upper
117 100
201 74.1 38.4 115.1

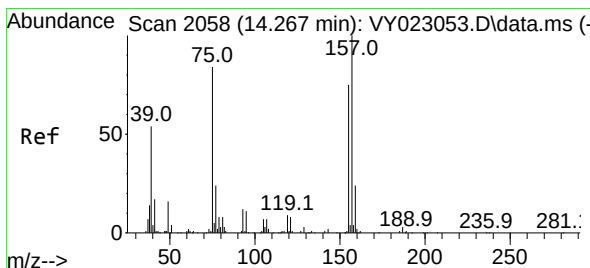
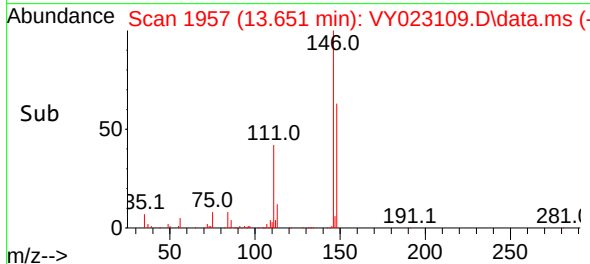
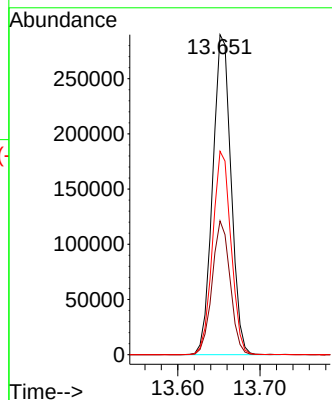
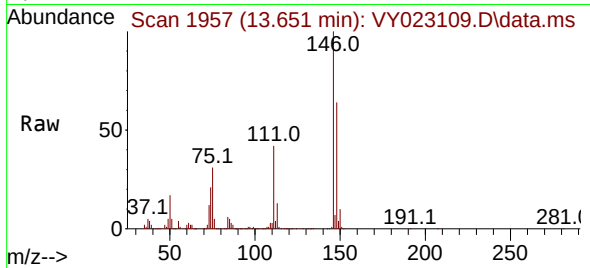




#91
 1,2-Dichlorobenzene
 Concen: 47.139 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY023109.D
 Acq: 14 Aug 2025 20:38

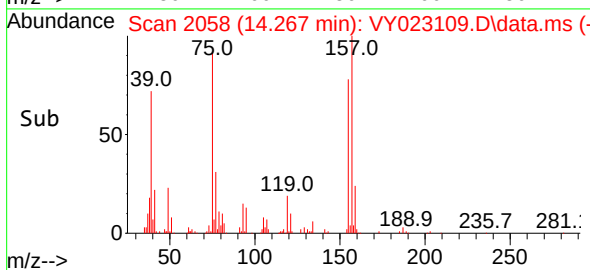
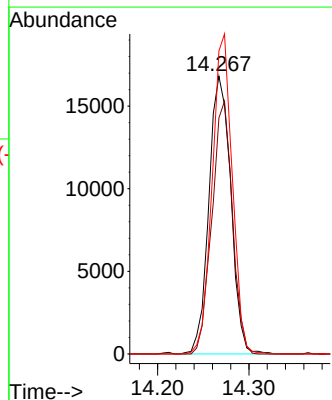
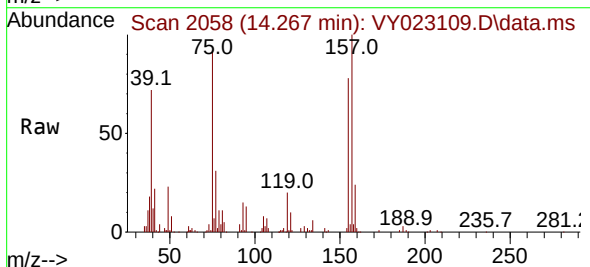
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

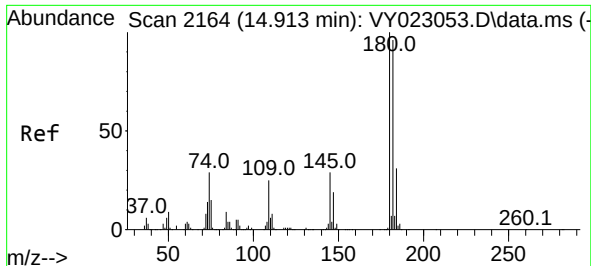
Tgt Ion:146 Resp: 449904
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.8
 148 63.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.509 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY023109.D
 Acq: 14 Aug 2025 20:38

Tgt Ion: 75 Resp: 27986
 Ion Ratio Lower Upper
 75 100
 155 85.1 43.9 131.6
 157 105.7 57.2 171.6

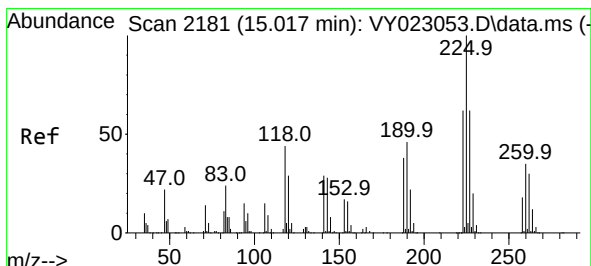
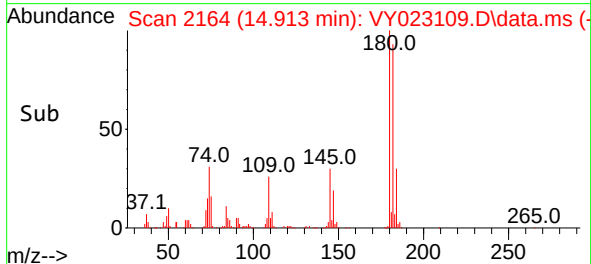
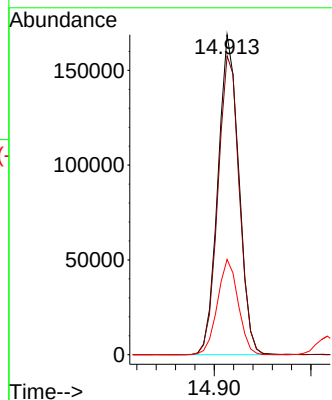
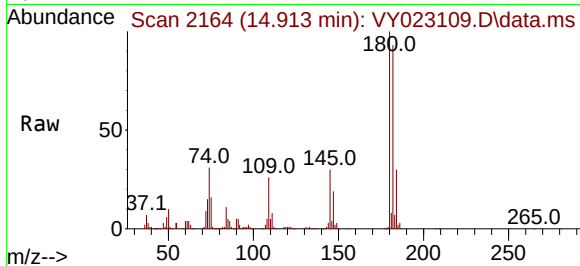




#93
1,2,4-Trichlorobenzene
Concen: 44.744 ug/l
RT: 14.913 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

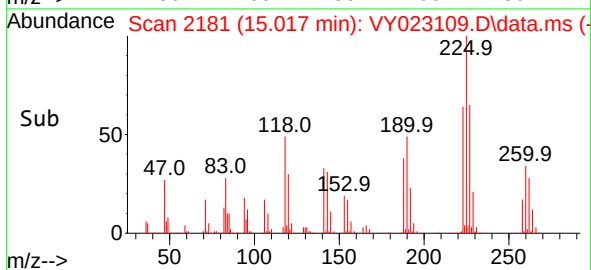
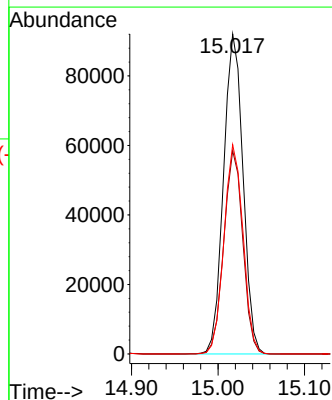
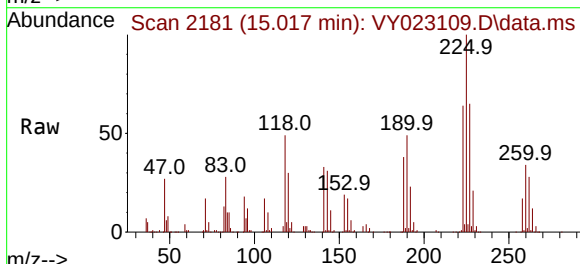
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

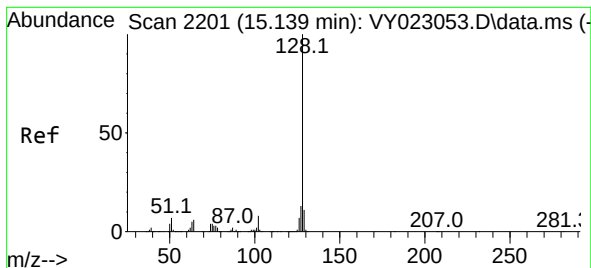
Tgt Ion:180 Resp: 252540
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.4
145 29.5 14.4 43.4



#94
Hexachlorobutadiene
Concen: 43.304 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023109.D
Acq: 14 Aug 2025 20:38

Tgt Ion:225 Resp: 143621
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.8
227 64.1 31.5 94.5





#95

Naphthalene

Concen: 46.067 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

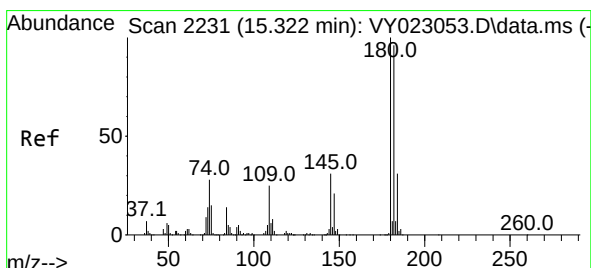
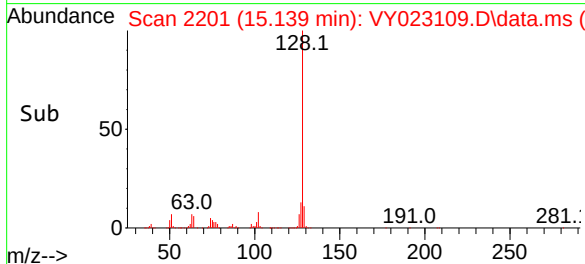
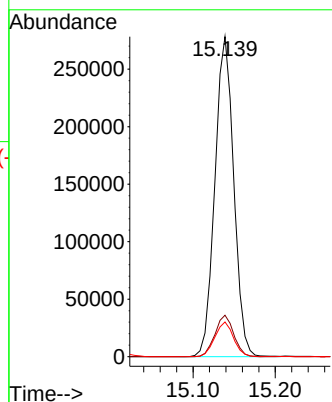
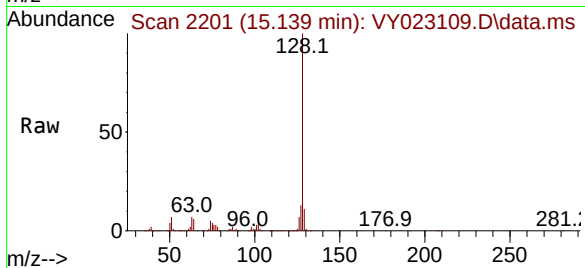
Tgt Ion:128 Resp: 443360

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 44.896 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023109.D

Acq: 14 Aug 2025 20:38

Tgt Ion:180 Resp: 218352

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 31.4 15.9 47.7

