

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023233.D
 Acq On : 29 Aug 2025 09:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 01:16:22 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	7.713	168	501938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	753112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	665575	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	343406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	214744	44.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.780%
35) Dibromofluoromethane	7.634	113	223907	49.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.380%
50) Toluene-d8	10.109	98	869629	49.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.407	95	276333	48.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	173021	42.230	ug/l	98
3) Chloromethane	2.074	50	277299	41.787	ug/l	99
4) Vinyl Chloride	2.208	62	372942	45.464	ug/l	98
5) Bromomethane	2.598	94	285171	46.549	ug/l	99
6) Chloroethane	2.738	64	258697	47.436	ug/l	99
7) Trichlorofluoromethane	3.055	101	476220	47.744	ug/l	99
8) Diethyl Ether	3.458	74	130657	49.512	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	254734	51.766	ug/l	98
10) Methyl Iodide	4.007	142	288386	54.310	ug/l	99
11) Tert butyl alcohol	4.860	59	80915	246.856	ug/l	99
12) 1,1-Dichloroethene	3.793	96	237951	49.195	ug/l	91
13) Acrolein	3.653	56	26664	55.545	ug/l	99
14) Allyl chloride	4.391	41	318332	44.727	ug/l	98
15) Acrylonitrile	5.055	53	259151	241.555	ug/l	99
16) Acetone	3.866	43	286361	276.307	ug/l	98
17) Carbon Disulfide	4.110	76	712883	45.201	ug/l	99
18) Methyl Acetate	4.385	43	134036	43.460	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	602934	48.105	ug/l	99
20) Methylene Chloride	4.616	84	304335	56.886	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	272346	50.104	ug/l	98
22) Diisopropyl ether	6.018	45	734046	47.463	ug/l	97
23) Vinyl Acetate	5.964	43	2034186	237.868	ug/l	98
24) 1,1-Dichloroethane	5.921	63	466160	49.300	ug/l	100
25) 2-Butanone	6.896	43	353639	250.892	ug/l	95
26) 2,2-Dichloropropane	6.890	77	419279	51.389	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	319716	50.878	ug/l	95
28) Bromochloromethane	7.250	49	169047	45.063	ug/l	92
29) Tetrahydrofuran	7.262	42	203966	233.449	ug/l	96
30) Chloroform	7.421	83	493118	50.567	ug/l	95
31) Cyclohexane	7.701	56	399136	44.794	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	442930	51.189	ug/l	99
36) 1,1-Dichloropropene	7.841	75	351971	52.555	ug/l	99
37) Ethyl Acetate	6.988	43	143628	51.054	ug/l	98
38) Carbon Tetrachloride	7.823	117	401342	55.175	ug/l	99
39) Methylcyclohexane	9.109	83	464336	52.650	ug/l	98
40) Benzene	8.085	78	1082718	52.454	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	67581	41.624	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	271862	50.641	ug/l	99
43) Isopropyl Acetate	8.201	43	280522	49.335	ug/l	97
44) Trichloroethene	8.865	130	301735	56.566	ug/l	100
45) 1,2-Dichloropropane	9.146	63	247109	52.029	ug/l	97
46) Dibromomethane	9.231	93	147178	53.990	ug/l	98
47) Bromodichloromethane	9.426	83	375164	53.485	ug/l	97
48) Methyl methacrylate	9.219	41	135458	49.784	ug/l	96
49) 1,4-Dioxane	9.231	88	31644	990.012	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	758214	258.508	ug/l	99
52) Toluene	10.170	92	708950	54.077	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	333234	52.463	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	390641	52.009	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	199301	54.638	ug/l	99
56) Ethyl methacrylate	10.438	69	250392	53.645	ug/l	97
57) 1,3-Dichloropropane	10.719	76	324827	52.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	523078	237.580	ug/l	98
59) 2-Hexanone	10.761	43	538081	269.418	ug/l	98
60) Dibromochloromethane	10.914	129	269324	55.957	ug/l	99
61) 1,2-Dibromoethane	11.017	107	189568	55.293	ug/l	99
64) Tetrachloroethene	10.646	164	371894	62.575	ug/l	99
65) Chlorobenzene	11.444	112	774271	53.932	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	273528	56.138	ug/l	99
67) Ethyl Benzene	11.517	91	1350812	54.675	ug/l	99
68) m/p-Xylenes	11.627	106	1071698	111.065	ug/l	96
69) o-Xylene	11.956	106	496982	54.991	ug/l	99
70) Styrene	11.969	104	837085	56.638	ug/l	98
71) Bromoform	12.133	173	161848	56.834	ug/l #	99
73) Isopropylbenzene	12.255	105	1311239	54.100	ug/l	99
74) N-amyl acetate	12.072	43	246274	47.914	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	199454	48.195	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	283082	85.414	ug/l #	100
77) Bromobenzene	12.536	156	313653	54.244	ug/l	96
78) n-propylbenzene	12.596	91	1562753	54.157	ug/l	99
79) 2-Chlorotoluene	12.682	91	875147	52.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1068632	54.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	68570	50.083	ug/l	99
82) 4-Chlorotoluene	12.779	91	899401	52.439	ug/l	97
83) tert-Butylbenzene	12.999	119	967297	54.676	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1055215	54.115	ug/l	99
85) sec-Butylbenzene	13.176	105	1427775	54.939	ug/l	99
86) p-Isopropyltoluene	13.291	119	1208957	56.043	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	631406	55.373	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	614380	54.315	ug/l	99
89) n-Butylbenzene	13.615	91	1081130	54.567	ug/l	99
90) Hexachloroethane	13.877	117	244772	55.428	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	542169	54.215	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31556	48.974	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	315444	53.341	ug/l	99
94) Hexachlorobutadiene	15.023	225	189677	54.582	ug/l	99
95) Naphthalene	15.145	128	527305	52.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	269978	52.980	ug/l	99

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Response via : Initial Calibration

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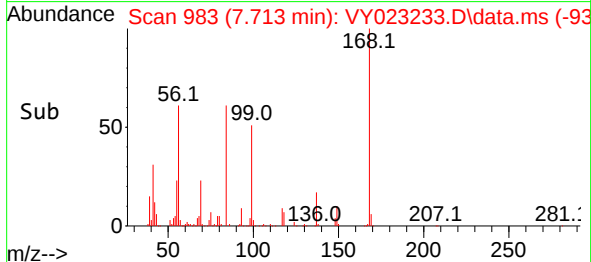
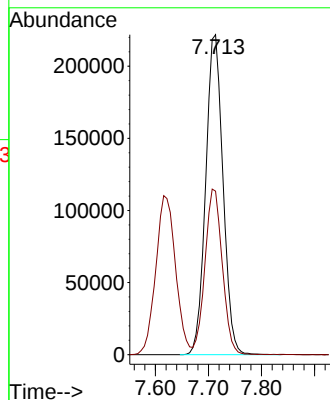
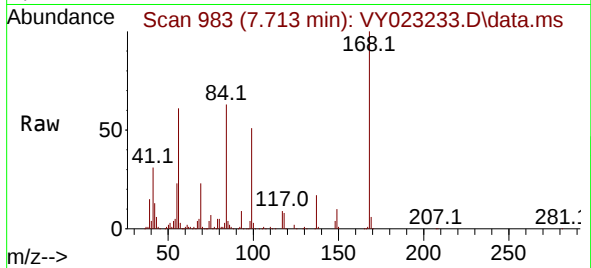
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023233.D
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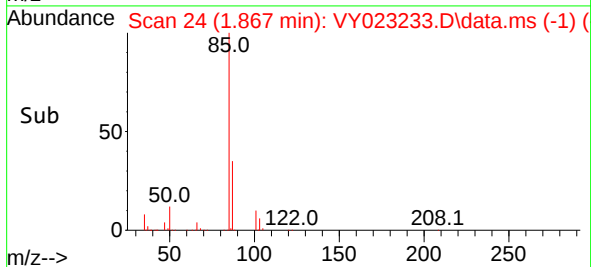
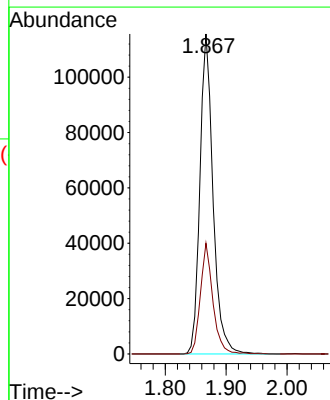
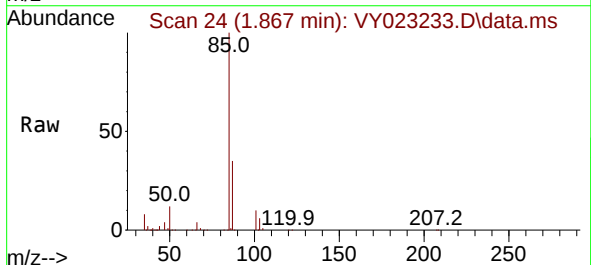
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 501938
Ion Ratio Lower Upper
168 100
99 51.0 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 42.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 85 Resp: 173021
Ion Ratio Lower Upper
85 100
87 34.6 16.6 49.8

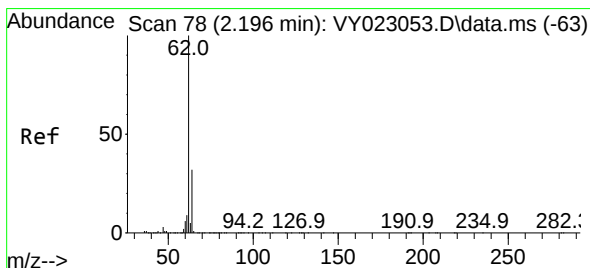
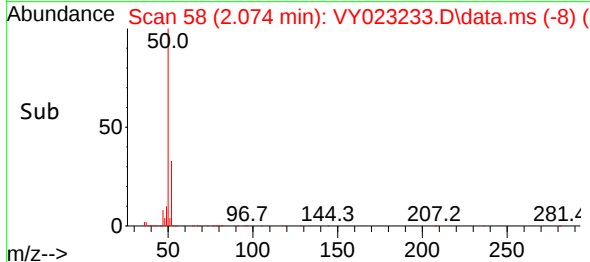
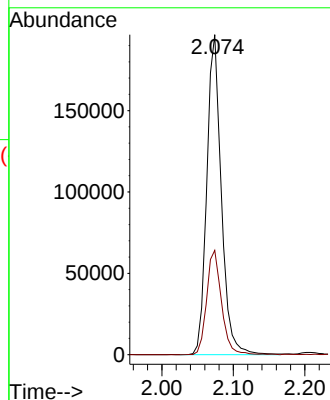
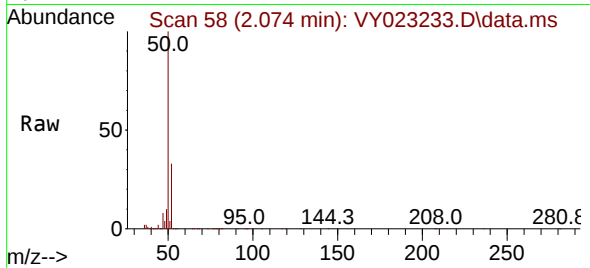




#3
Chloromethane
Concen: 41.787 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

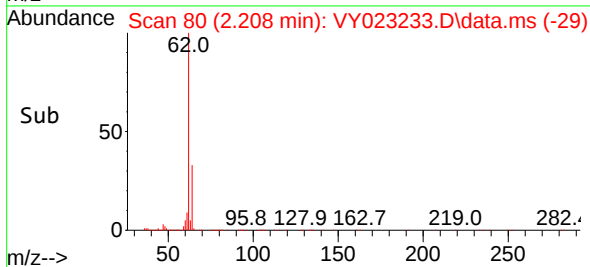
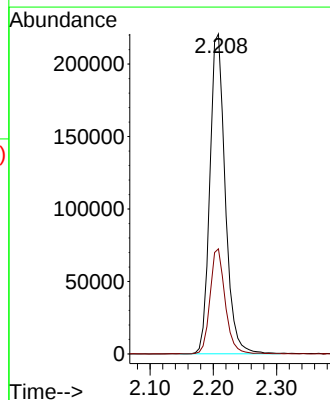
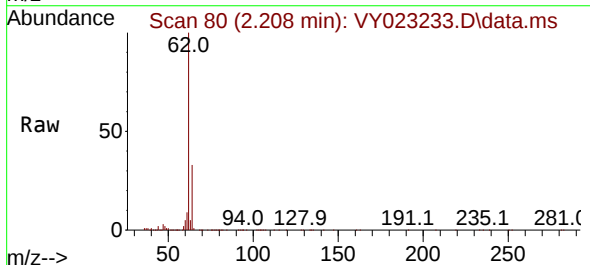
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 277299
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 45.464 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 62 Resp: 372942
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

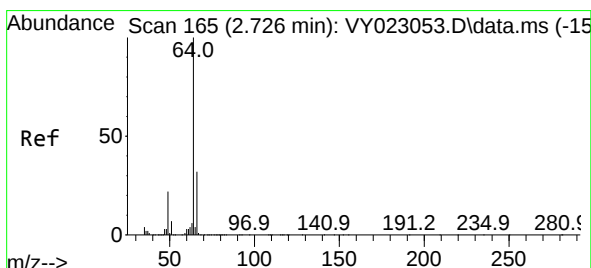
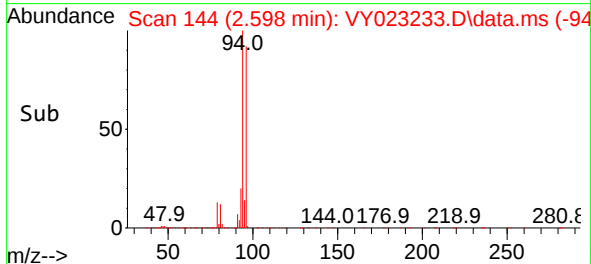
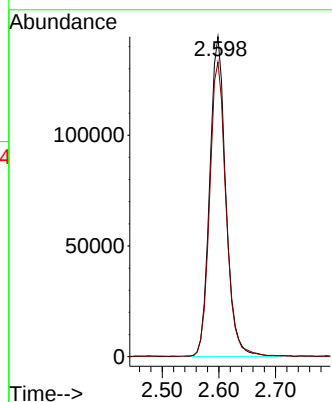
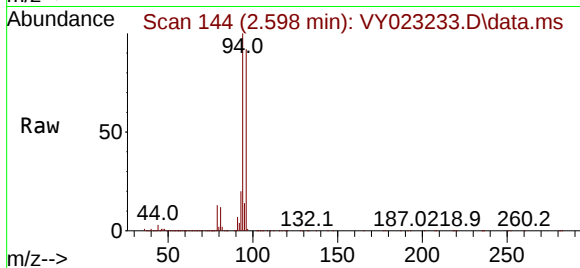




#5
Bromomethane
Concen: 46.549 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

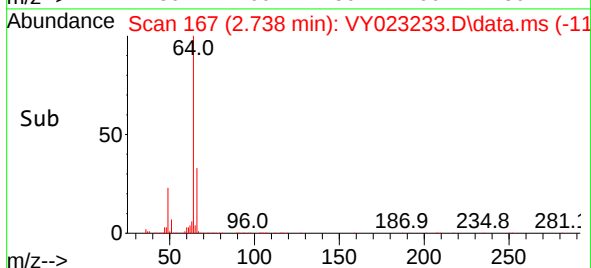
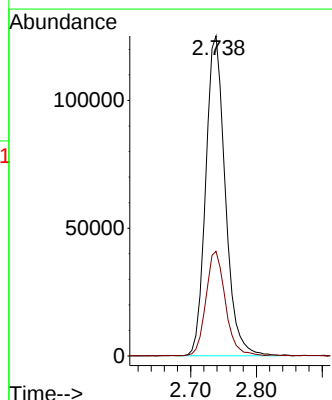
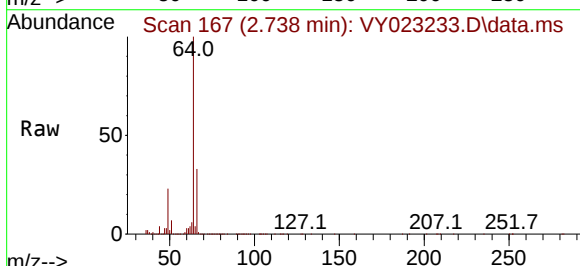
Instrument :
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ClientSampleId :
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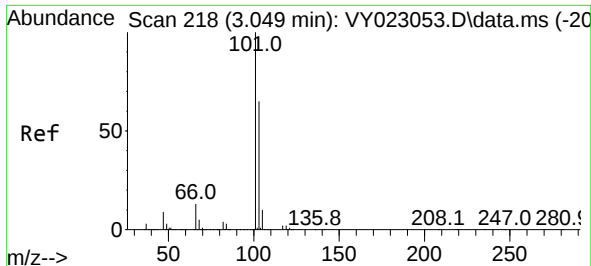
Tgt Ion: 94 Resp: 285171
Ion Ratio Lower Upper
94 100
96 92.1 74.6 112.0



#6
Chloroethane
Concen: 47.436 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 64 Resp: 258697
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6

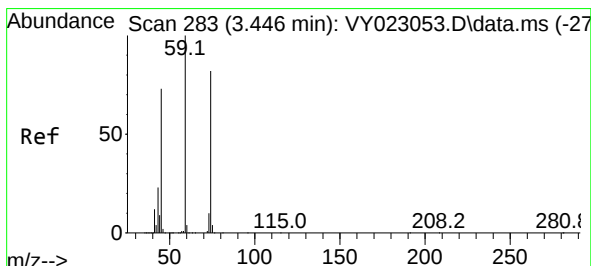
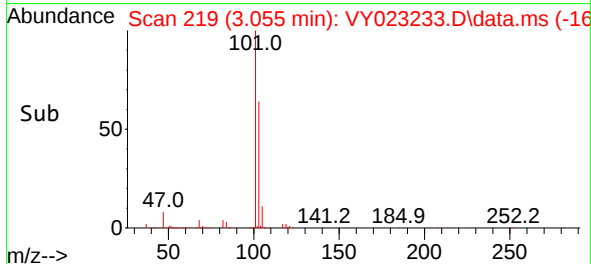
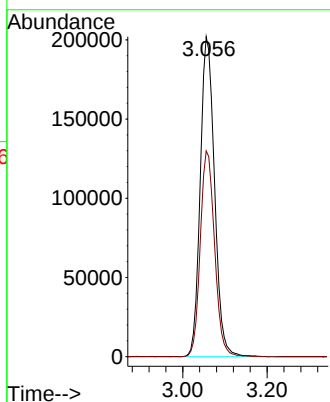
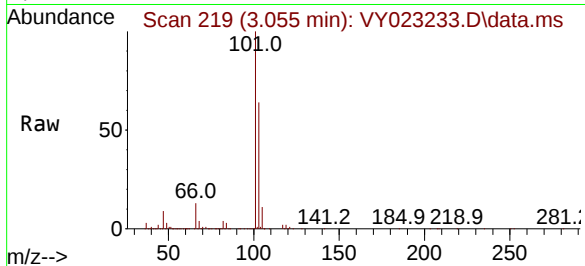




#7
 Trichlorofluoromethane
 Concen: 47.744 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

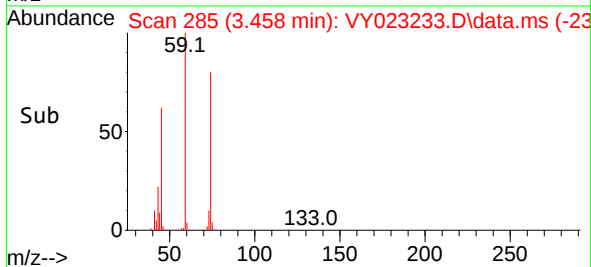
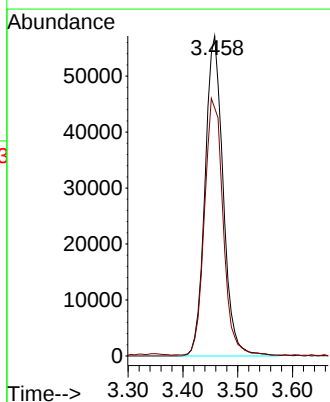
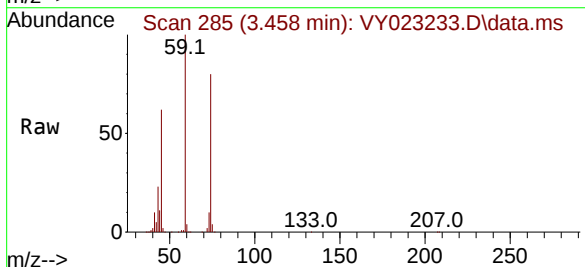
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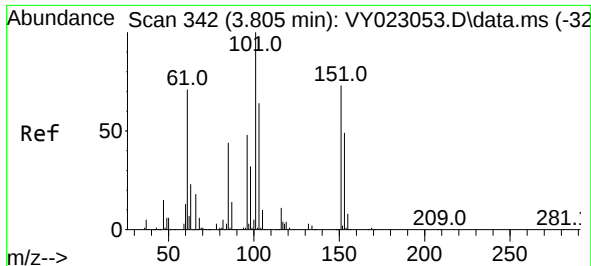
Tgt Ion:101 Resp: 476220
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.512 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

Tgt Ion: 74 Resp: 130657
 Ion Ratio Lower Upper
 74 100
 45 82.6 44.4 133.2

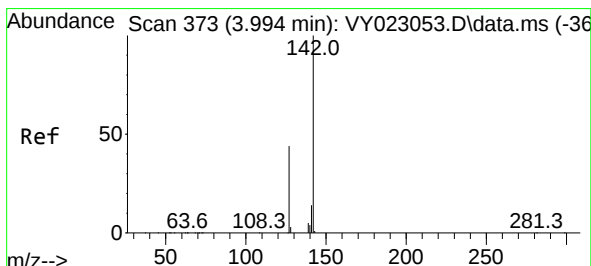
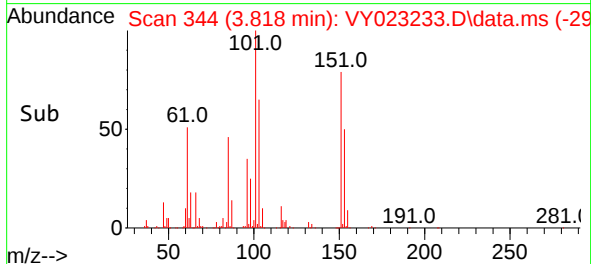
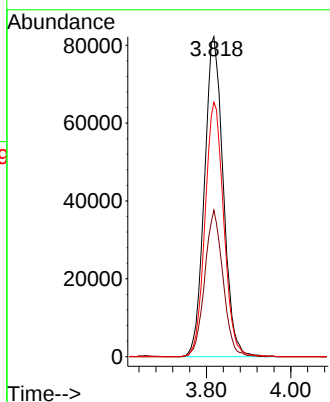
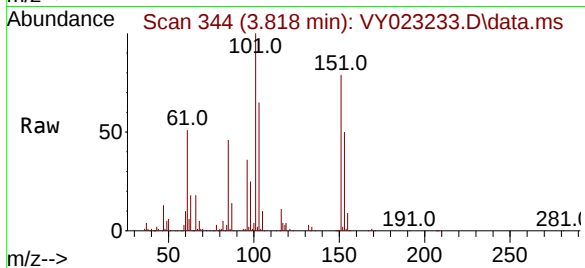




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.766 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

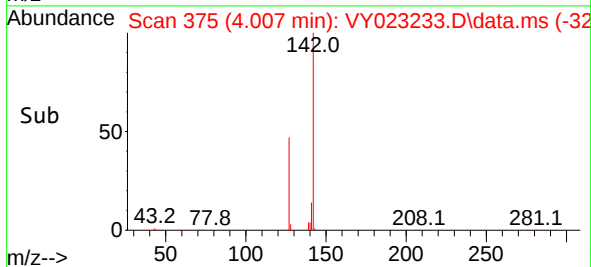
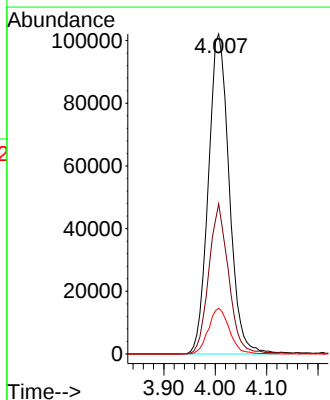
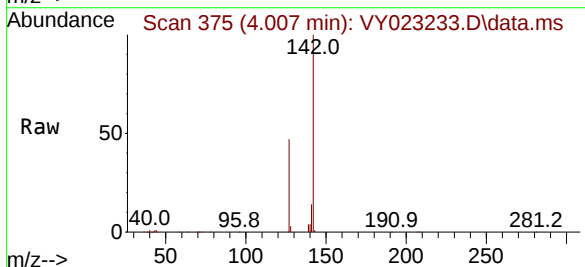
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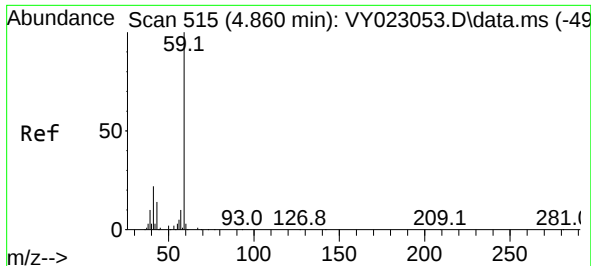
Tgt Ion:101 Resp: 254734
Ion Ratio Lower Upper
101 100
85 44.4 36.3 54.5
151 79.1 61.5 92.3



#10
Methyl Iodide
Concen: 54.310 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion:142 Resp: 288386
Ion Ratio Lower Upper
142 100
127 44.7 34.9 52.3
141 14.4 11.3 16.9

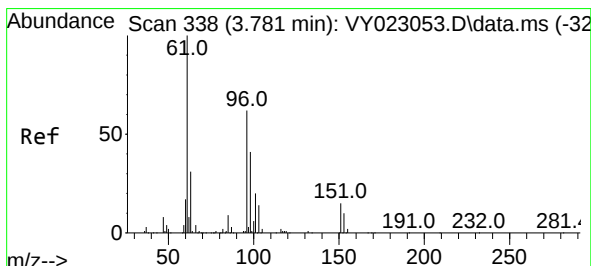
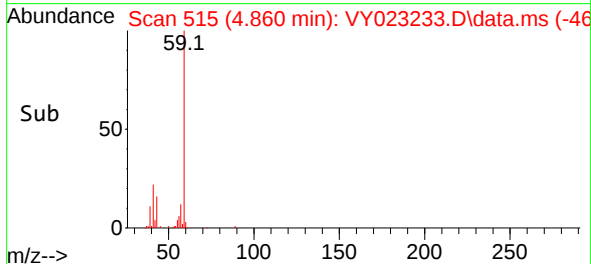
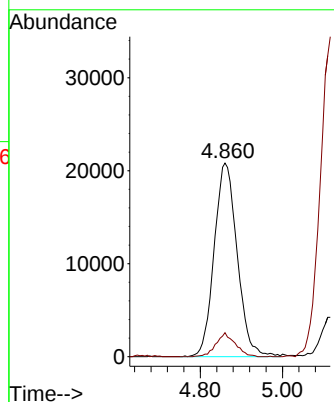
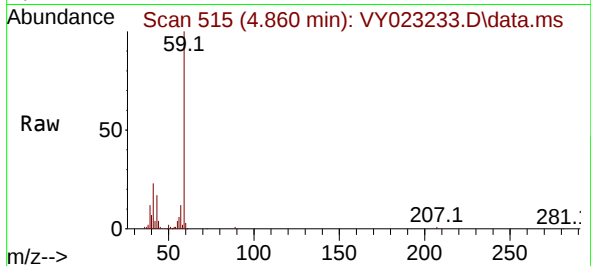




#11
Tert butyl alcohol
Concen: 246.856 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

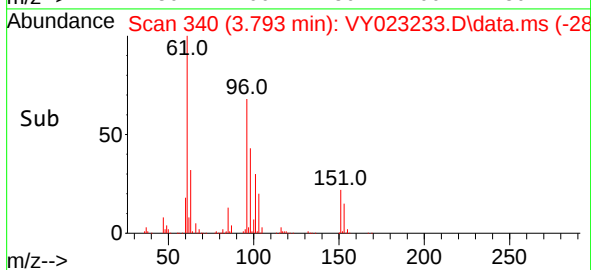
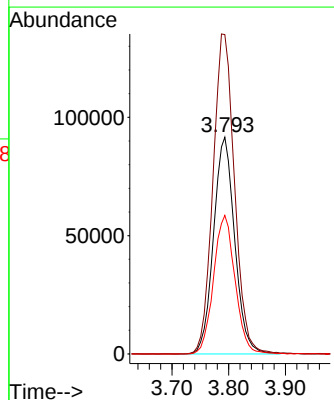
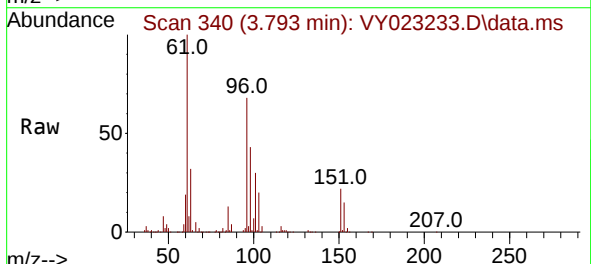
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 80915
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 49.195 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 96 Resp: 237951
Ion Ratio Lower Upper
96 100
61 147.2 129.4 194.2
98 63.9 52.8 79.2





#13

Acrolein

Concen: 55.545 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

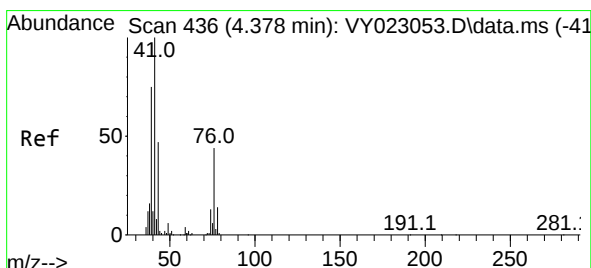
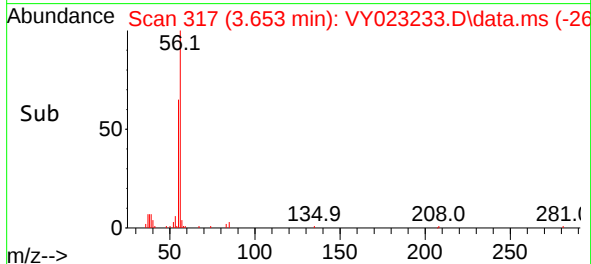
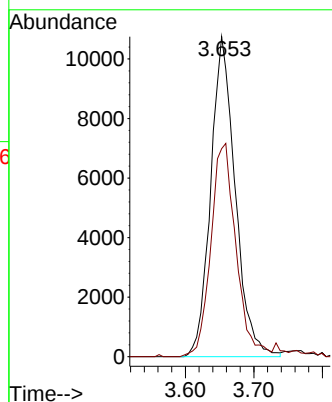
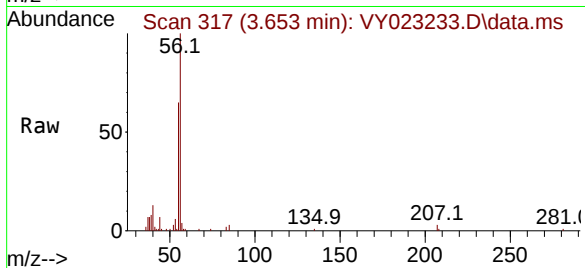
VSTDCCC050

Tgt Ion: 56 Resp: 26664

Ion Ratio Lower Upper

56 100

55 68.3 55.2 82.8



#14

Allyl chloride

Concen: 44.727 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

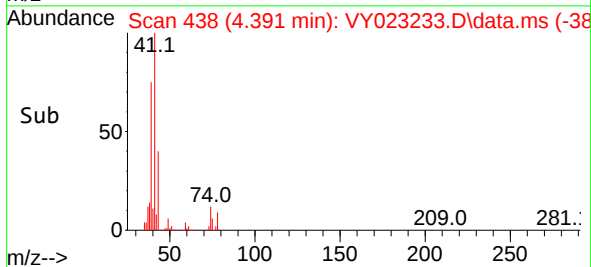
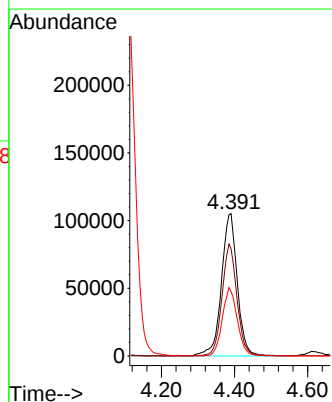
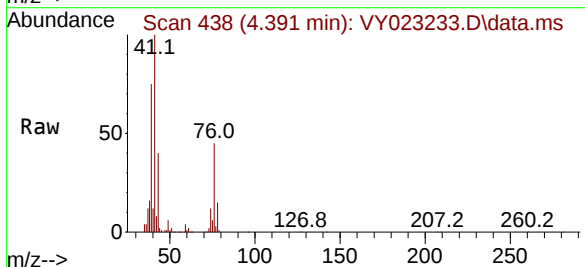
Tgt Ion: 41 Resp: 318332

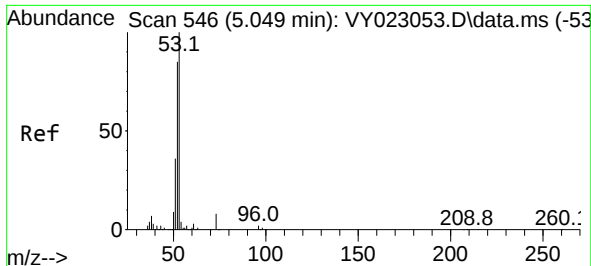
Ion Ratio Lower Upper

41 100

39 74.1 59.8 89.6

76 44.8 33.7 50.5

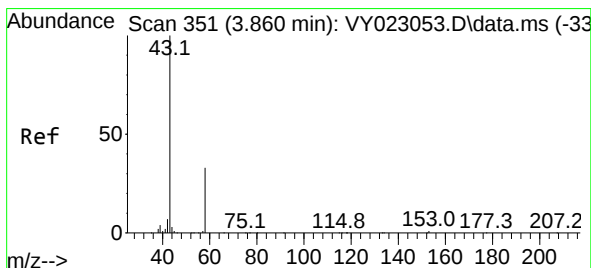
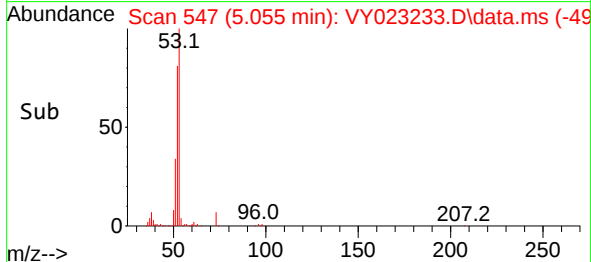
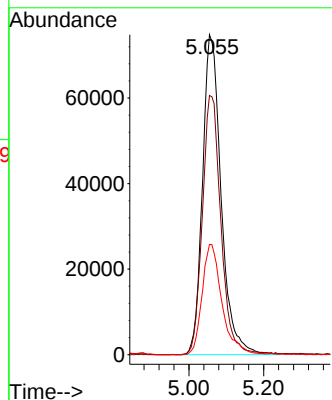
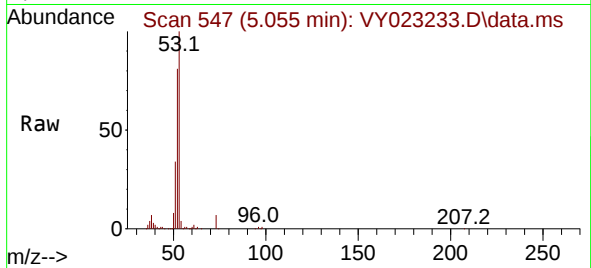




#15
Acrylonitrile
Concen: 241.555 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

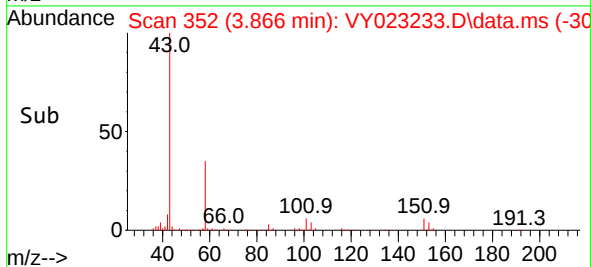
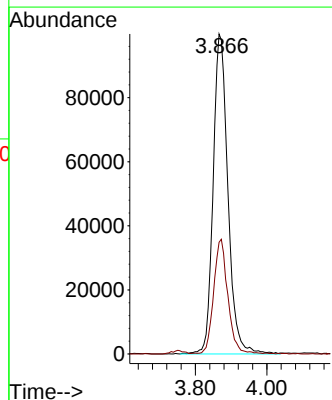
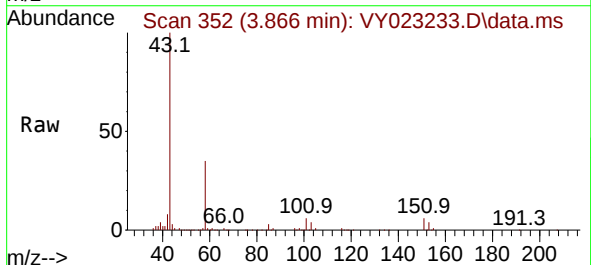
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

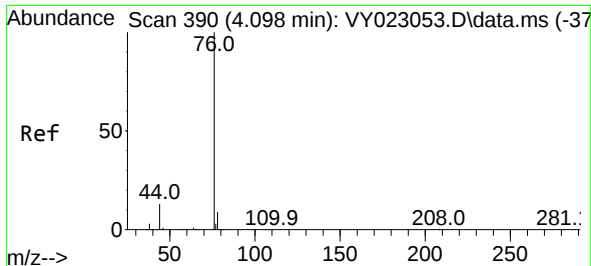
Tgt Ion: 53 Resp: 259151
Ion Ratio Lower Upper
53 100
52 80.4 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 276.307 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 43 Resp: 286361
Ion Ratio Lower Upper
43 100
58 34.8 27.1 40.7

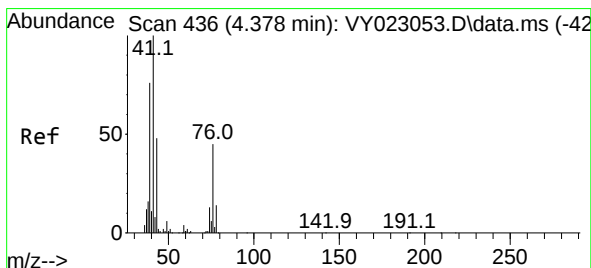
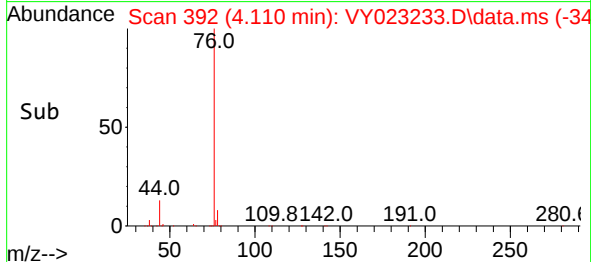
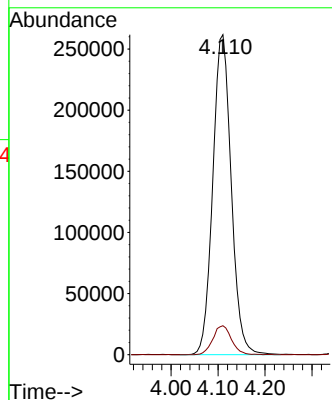
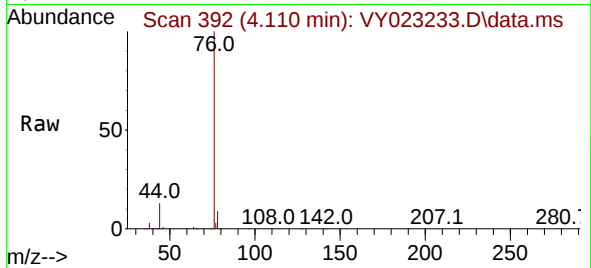




#17
Carbon Disulfide
Concen: 45.201 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

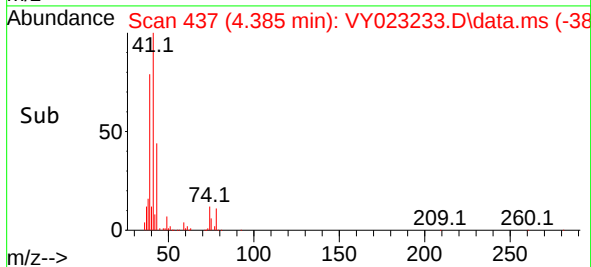
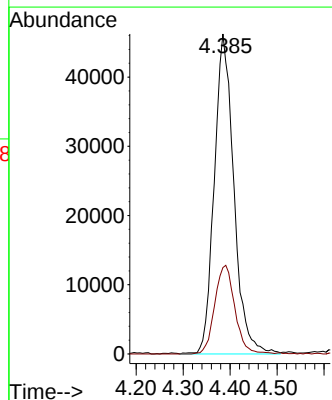
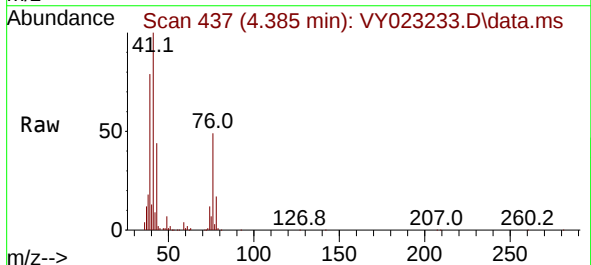
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

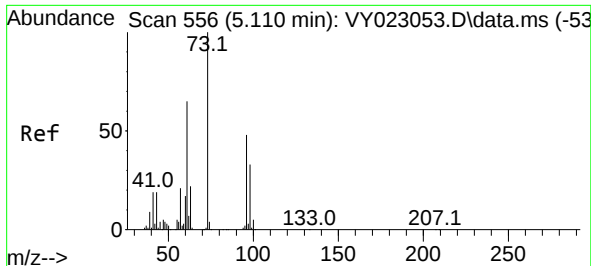
Tgt Ion: 76 Resp: 712883
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 43.460 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 43 Resp: 134036
Ion Ratio Lower Upper
43 100
74 28.4 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 48.105 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

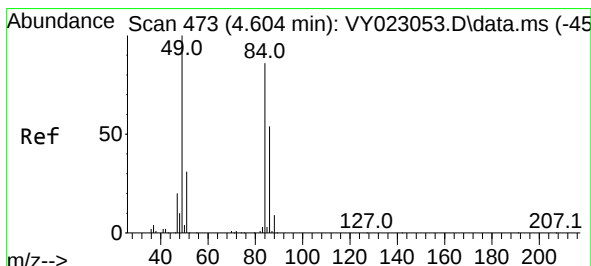
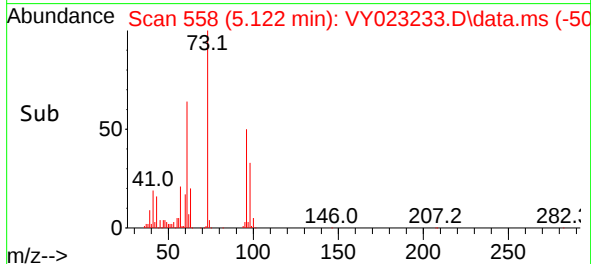
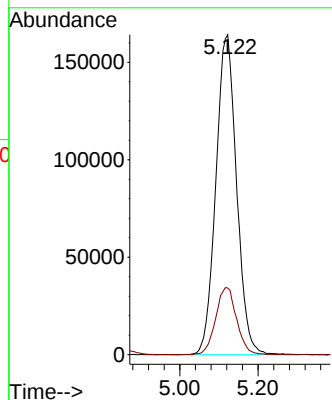
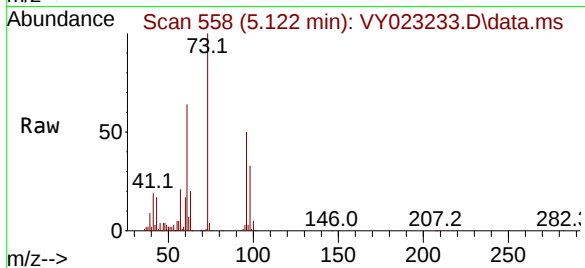
VSTDCCC050

Tgt Ion: 73 Resp: 602934

Ion Ratio Lower Upper

73 100

57 20.8 17.1 25.7



#20

Methylene Chloride

Concen: 56.886 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Tgt Ion: 84 Resp: 304335

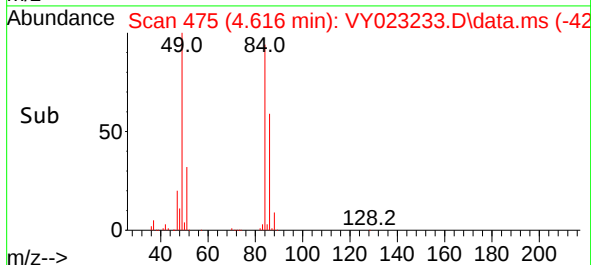
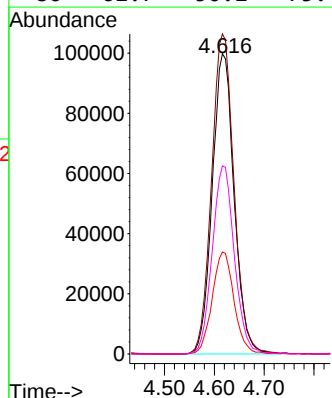
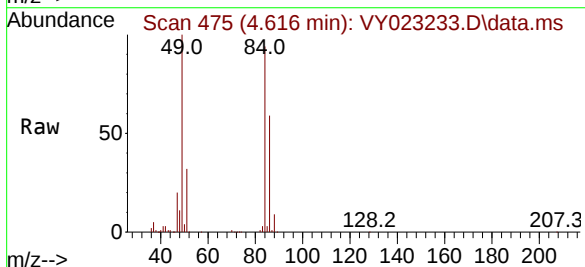
Ion Ratio Lower Upper

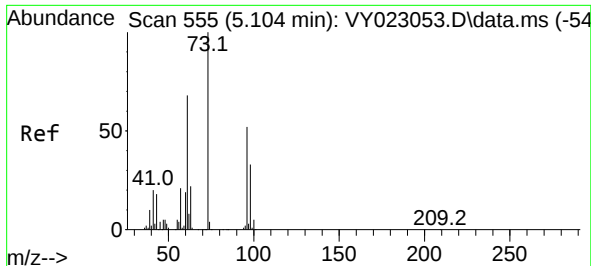
84 100

49 106.6 93.0 139.6

51 34.0 29.0 43.4

86 62.7 50.2 75.4

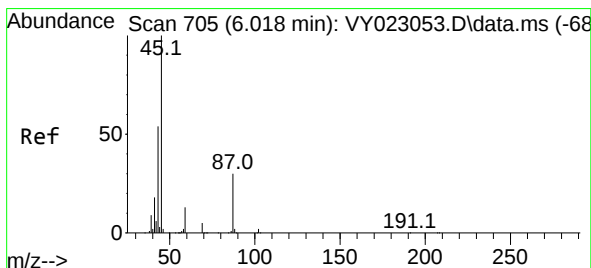
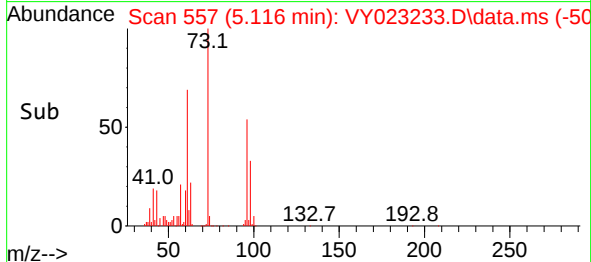
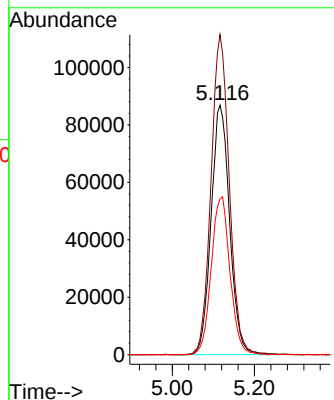
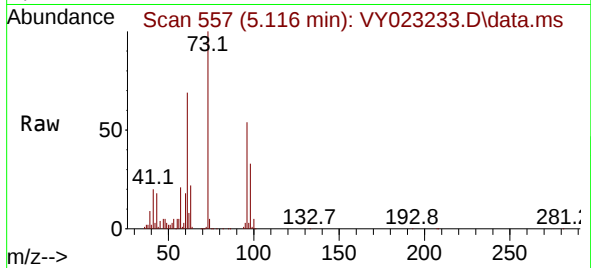




#21
trans-1,2-Dichloroethene
Concen: 50.104 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

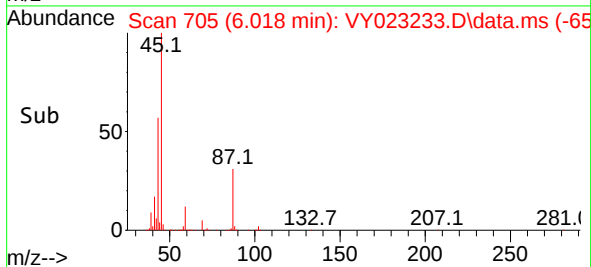
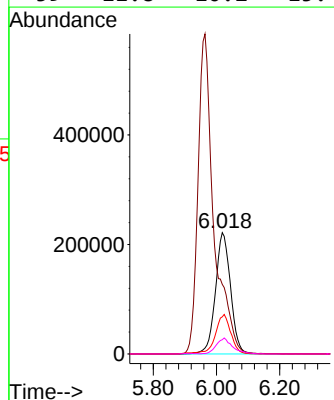
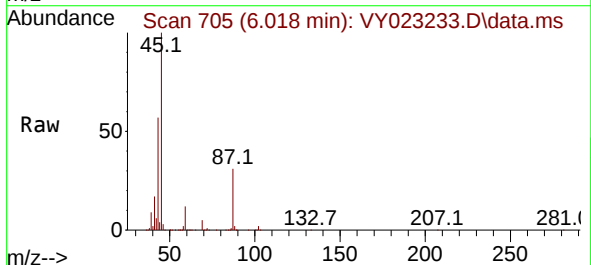
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 272346
Ion Ratio Lower Upper
96 100
61 128.3 104.8 157.2
98 62.5 50.1 75.1



#22
Diisopropyl ether
Concen: 47.463 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 45 Resp: 734046
Ion Ratio Lower Upper
45 100
43 57.4 43.4 65.0
87 30.7 24.4 36.6
59 11.8 10.2 15.4

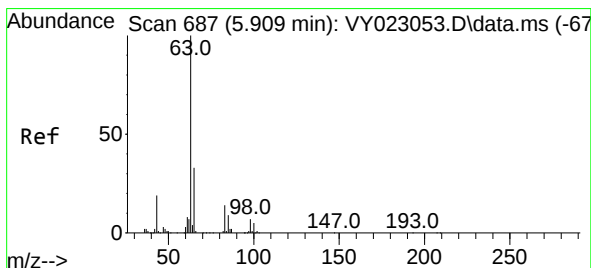
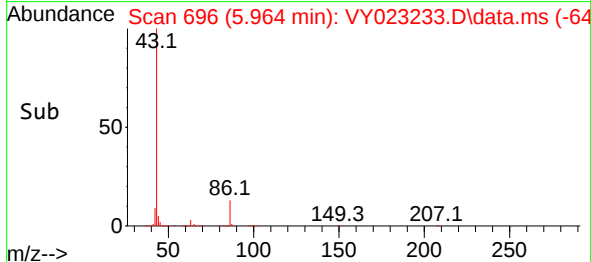
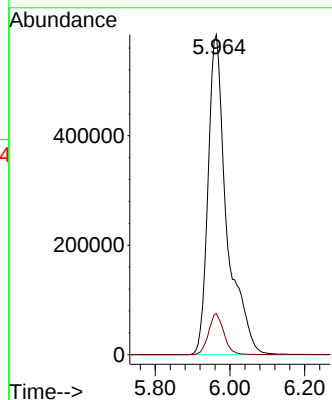
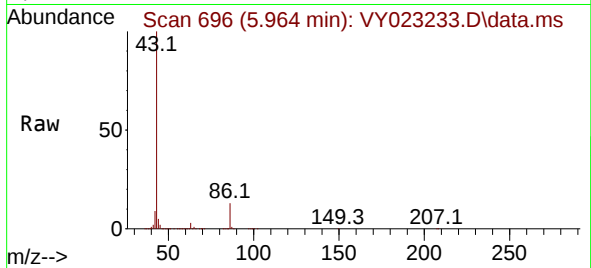




#23
 Vinyl Acetate
 Concen: 237.868 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

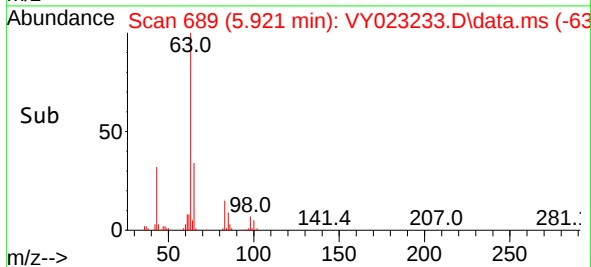
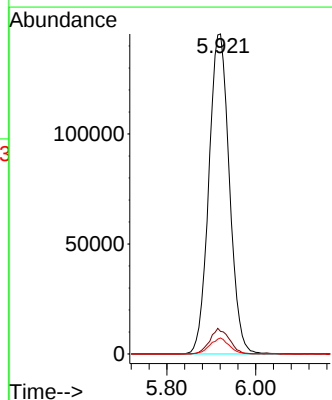
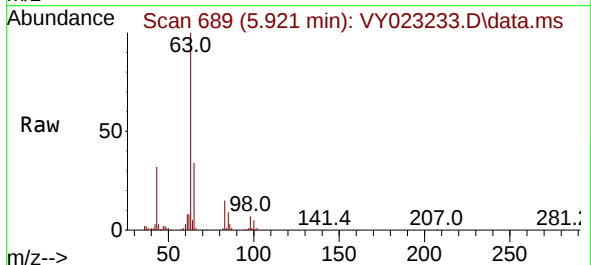
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

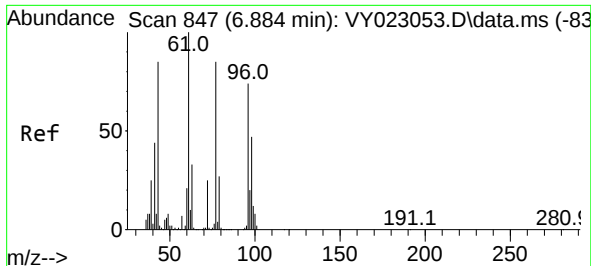
Tgt Ion: 43 Resp: 2034186
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 49.300 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

Tgt Ion: 63 Resp: 466160
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 5.0 2.4 7.1

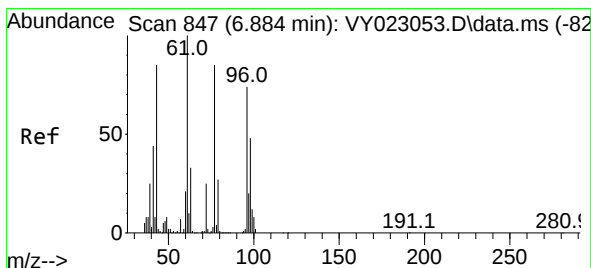
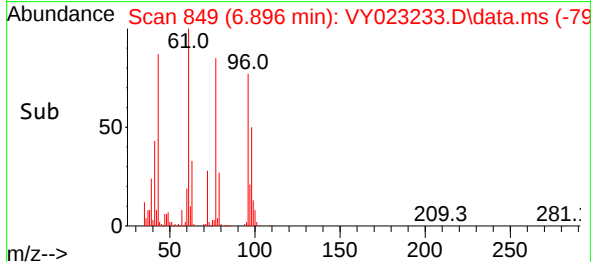
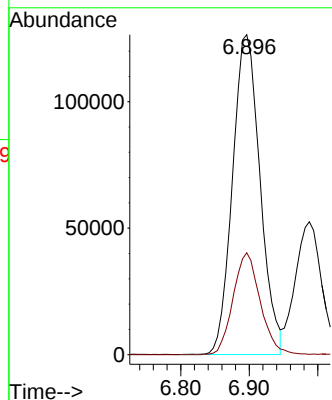
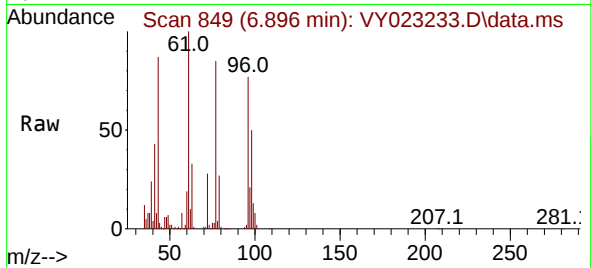




#25
2-Butanone
Concen: 250.892 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

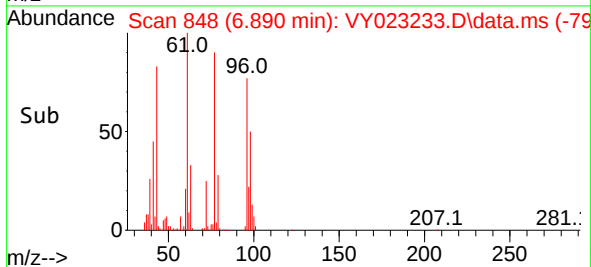
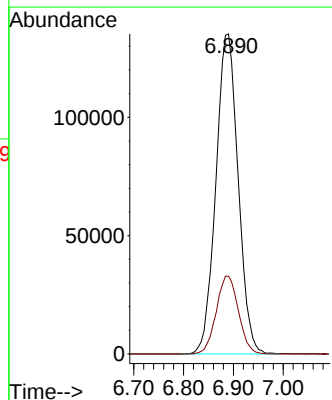
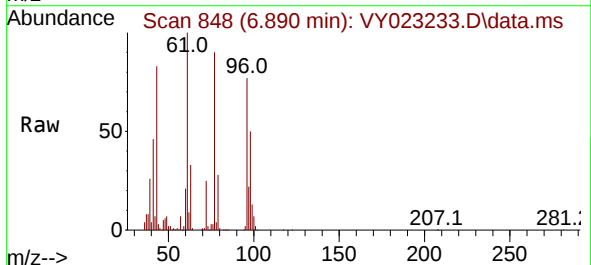
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

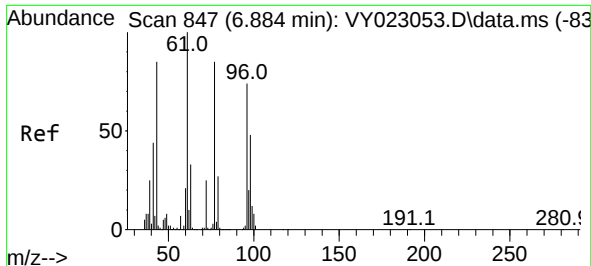
Tgt Ion: 43 Resp: 353639
Ion Ratio Lower Upper
43 100
72 31.9 23.5 35.3



#26
2,2-Dichloropropane
Concen: 51.389 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 77 Resp: 419279
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.878 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

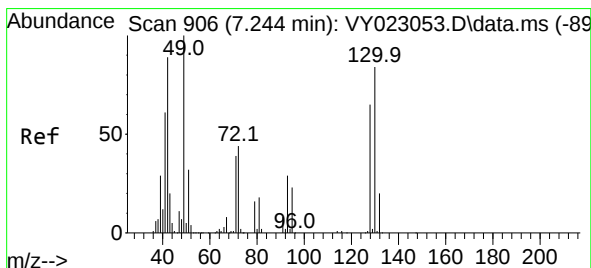
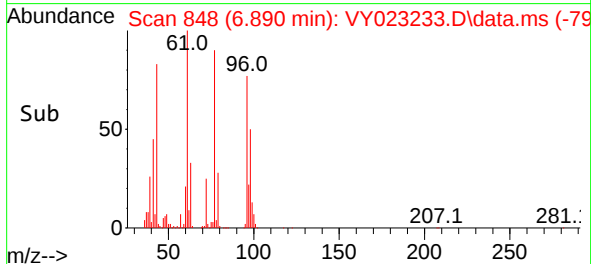
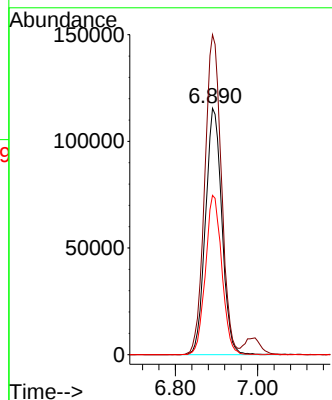
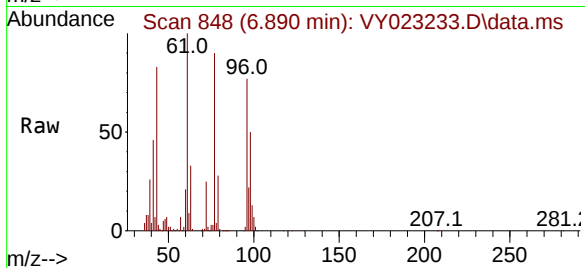
Tgt Ion: 96 Resp: 319716

Ion Ratio Lower Upper

96 100

61 131.6 0.0 278.6

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 45.063 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

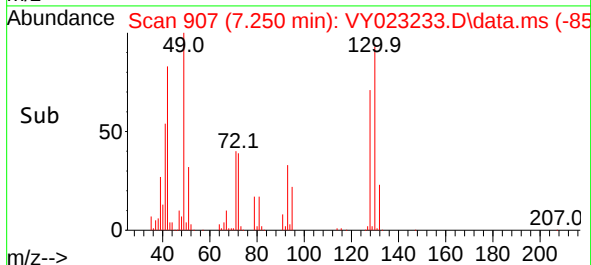
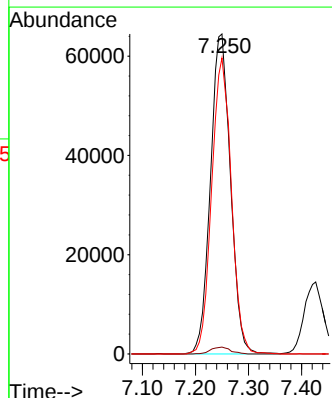
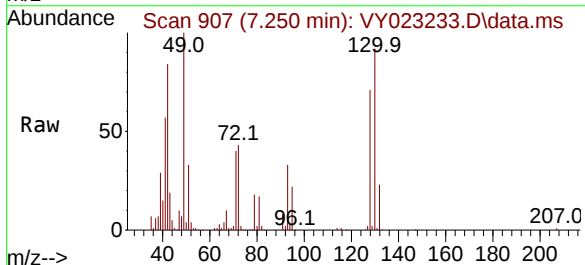
Tgt Ion: 49 Resp: 169047

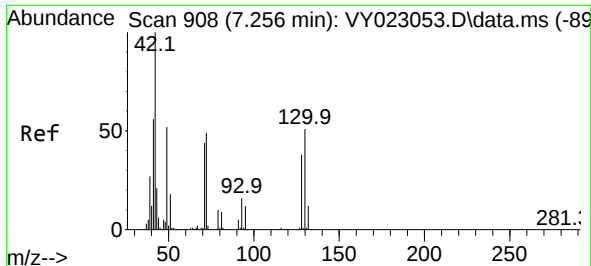
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 90.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 233.449 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

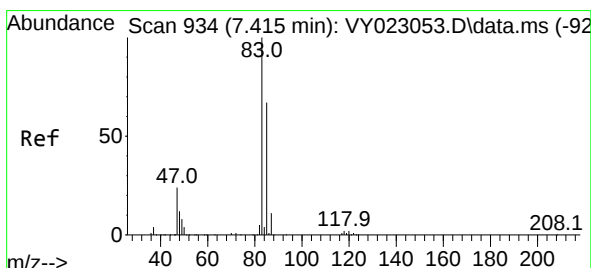
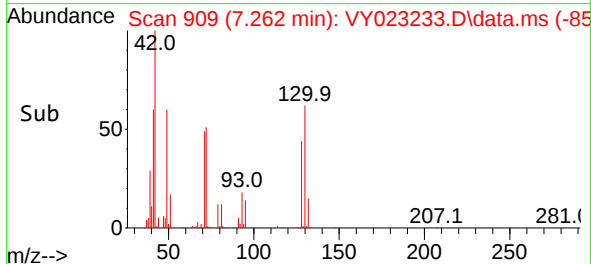
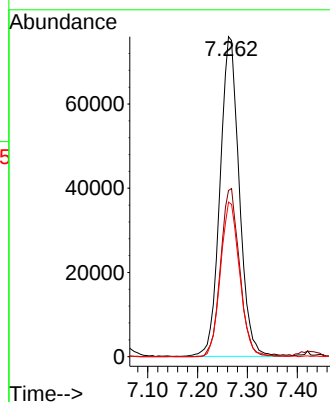
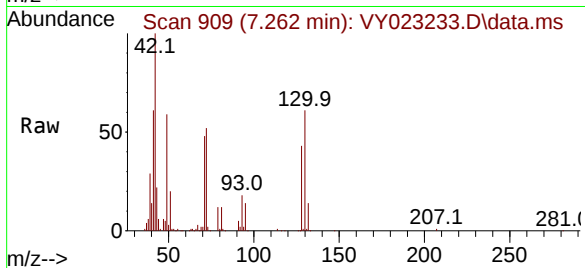
Tgt Ion: 42 Resp: 203966

Ion Ratio Lower Upper

42 100

72 51.9 39.4 59.2

71 48.2 36.5 54.7



#30

Chloroform

Concen: 50.567 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023233.D

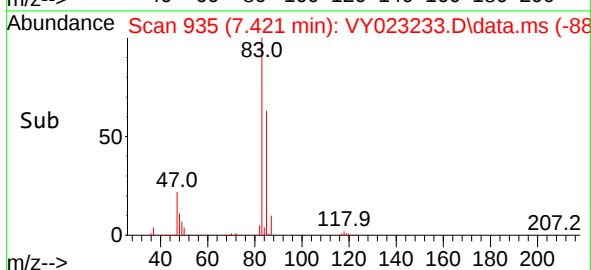
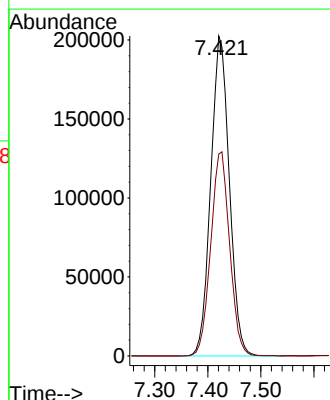
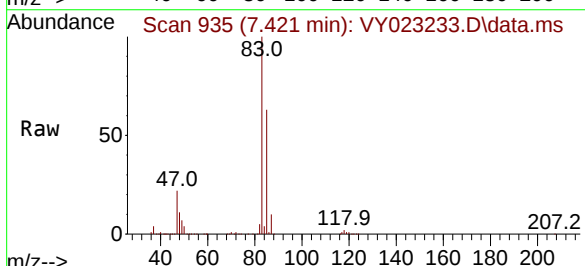
Acq: 29 Aug 2025 09:03

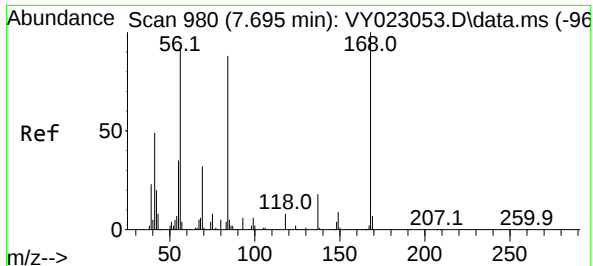
Tgt Ion: 83 Resp: 493118

Ion Ratio Lower Upper

83 100

85 63.1 53.8 80.8

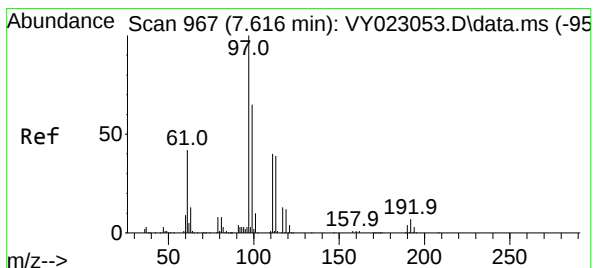
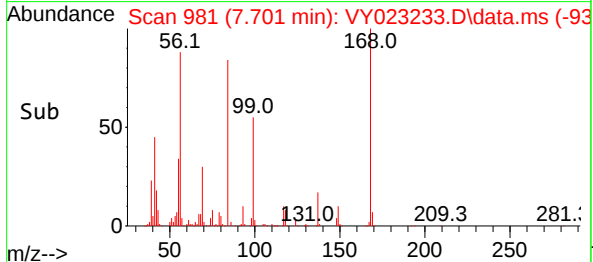
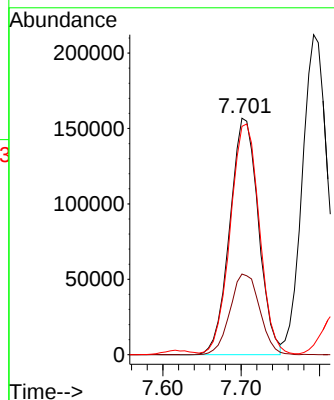
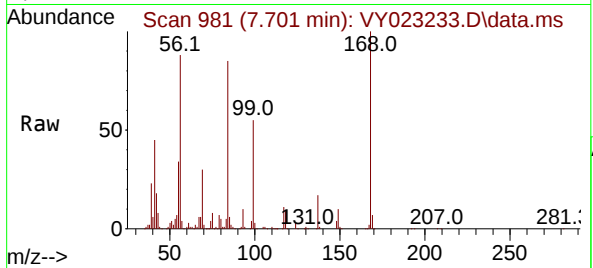




#31
Cyclohexane
Concen: 44.794 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

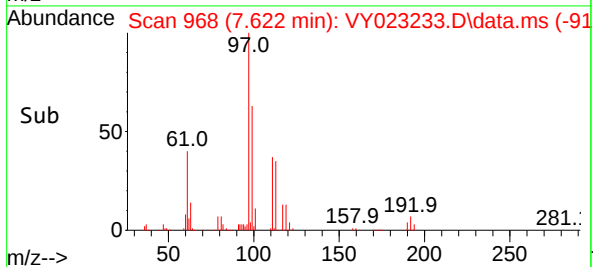
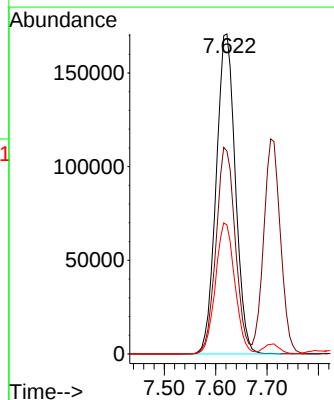
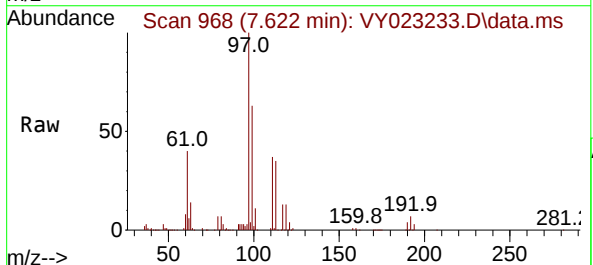
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 399136
Ion Ratio Lower Upper
56 100
69 34.1 28.2 42.2
84 95.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 51.189 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 97 Resp: 442930
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 41.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.890 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

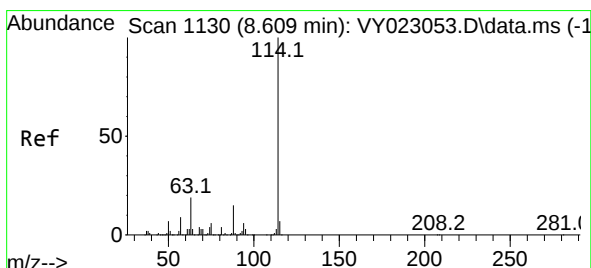
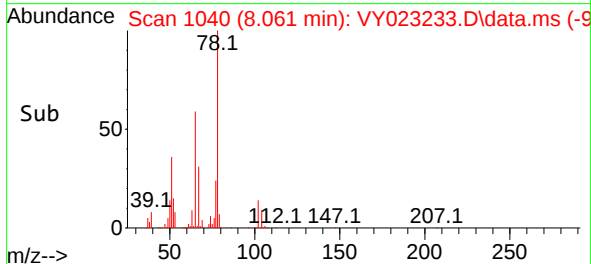
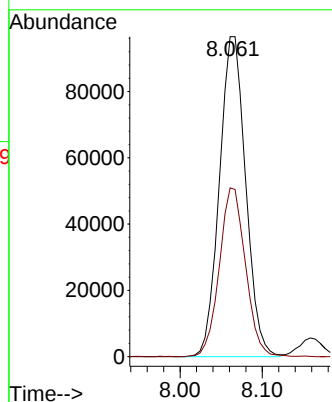
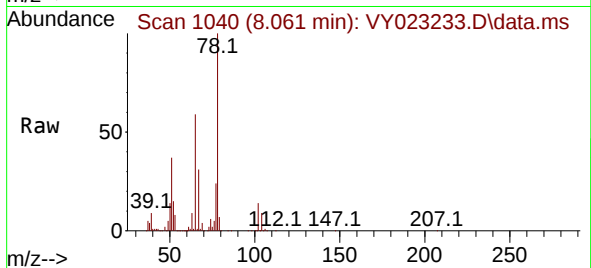
VSTDCCC050

Tgt Ion: 65 Resp: 214744

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

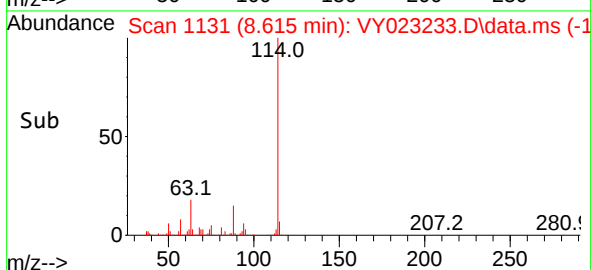
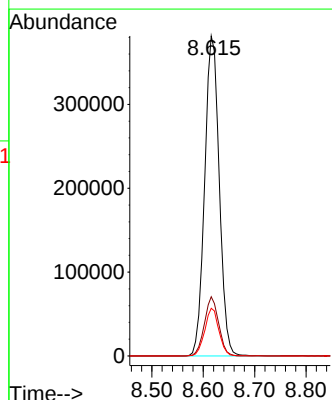
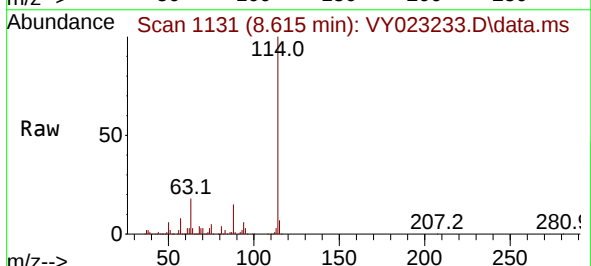
Tgt Ion: 114 Resp: 753112

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.9 0.0 30.0

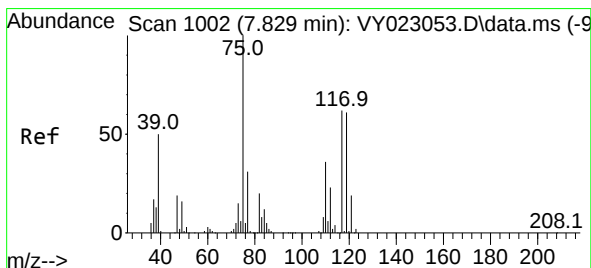
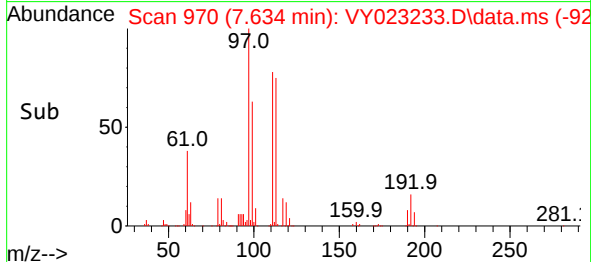
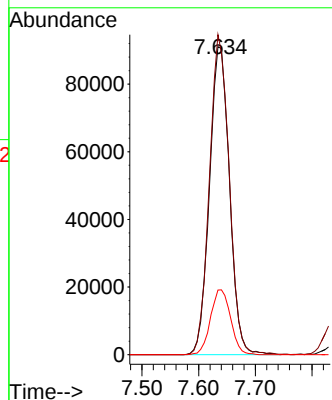
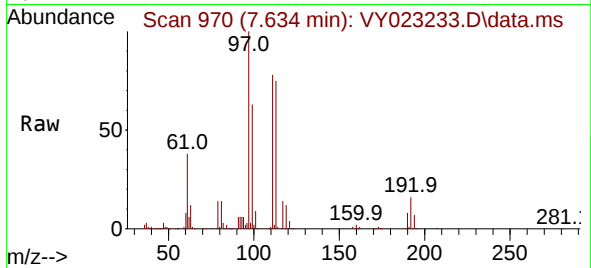




#35
Dibromofluoromethane
Concen: 49.687 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

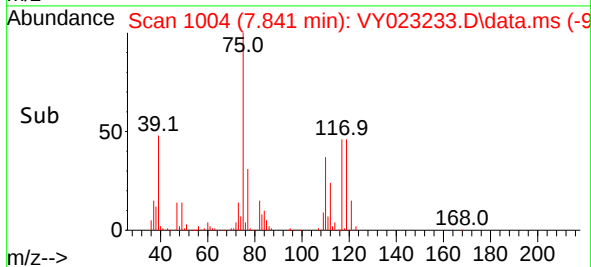
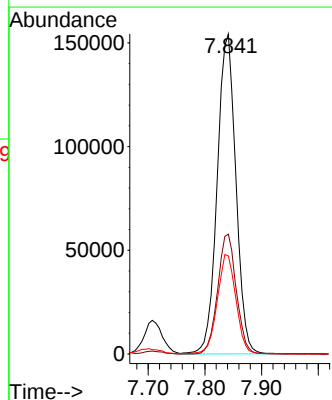
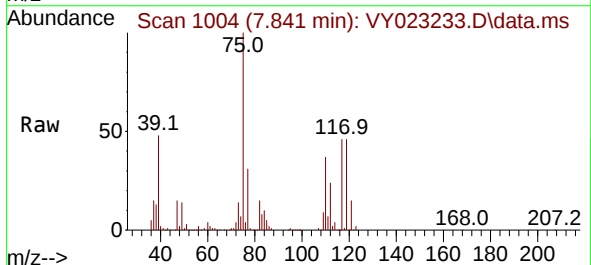
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

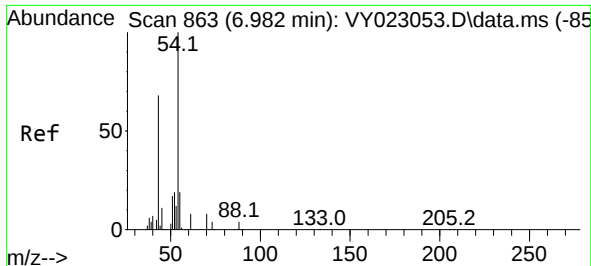
Tgt Ion:113 Resp: 223907
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 52.555 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 75 Resp: 351971
Ion Ratio Lower Upper
75 100
110 37.4 18.1 54.4
77 31.2 24.6 37.0

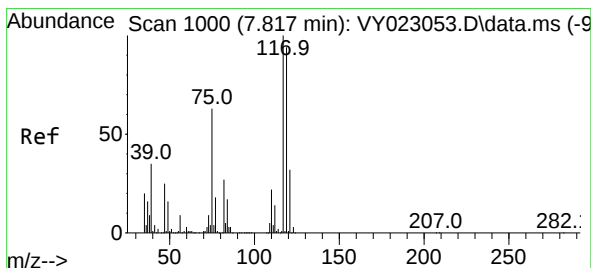
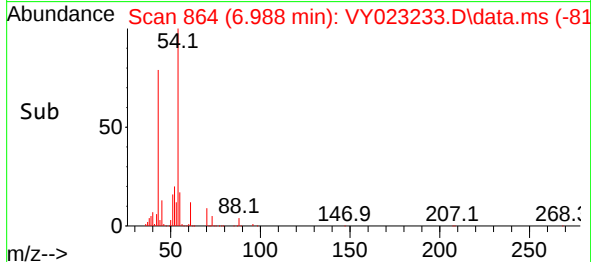
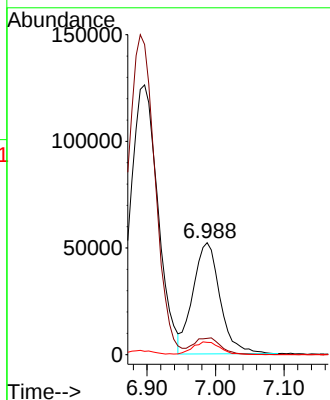
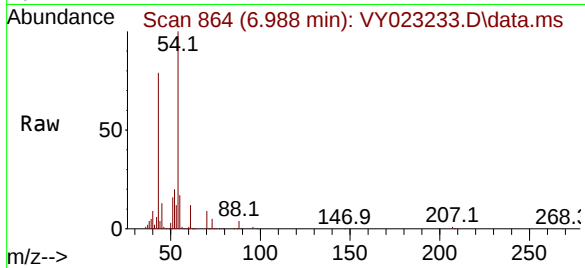




#37
Ethyl Acetate
Concen: 51.054 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

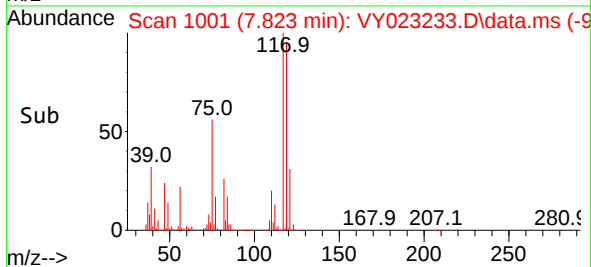
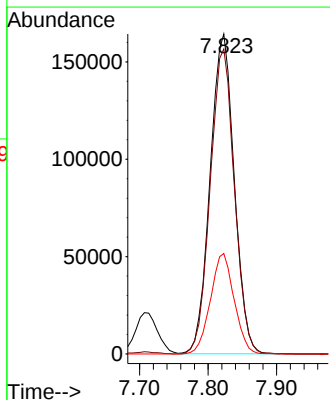
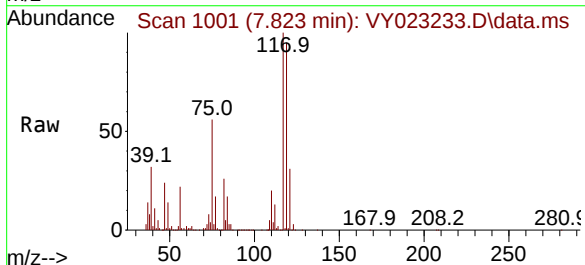
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

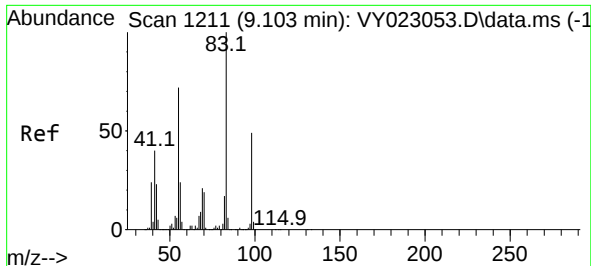
Tgt Ion: 43 Resp: 143628
Ion Ratio Lower Upper
43 100
61 15.6 11.9 17.9
70 11.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 55.175 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 117 Resp: 401342
Ion Ratio Lower Upper
117 100
119 95.3 75.6 113.4
121 31.4 25.8 38.8





#39

Methylcyclohexane

Concen: 52.650 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

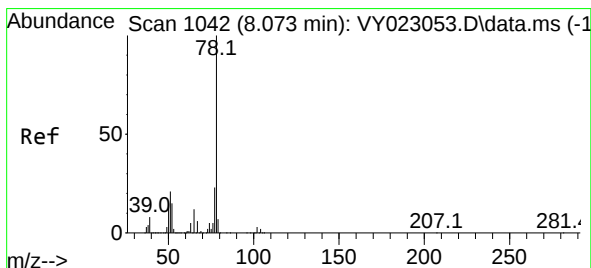
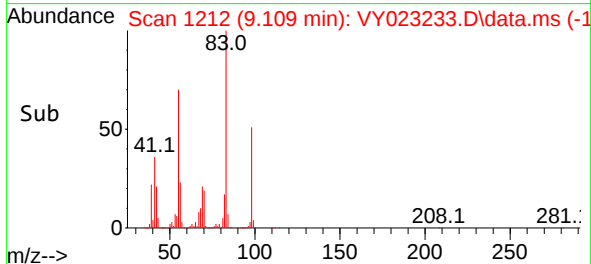
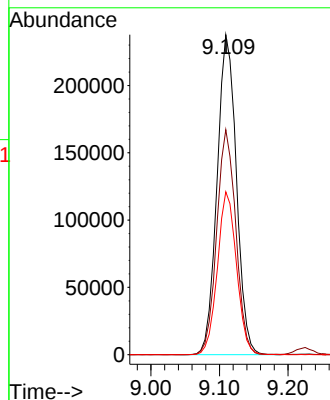
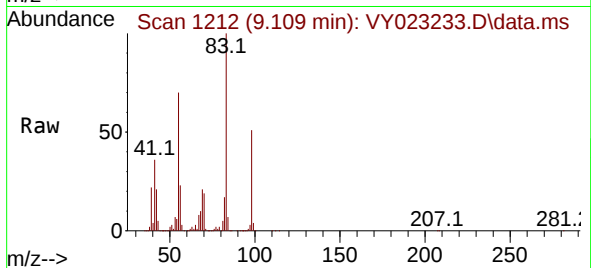
Tgt Ion: 83 Resp: 464336

Ion Ratio Lower Upper

83 100

55 70.3 57.6 86.4

98 50.9 39.2 58.8



#40

Benzene

Concen: 52.454 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023233.D

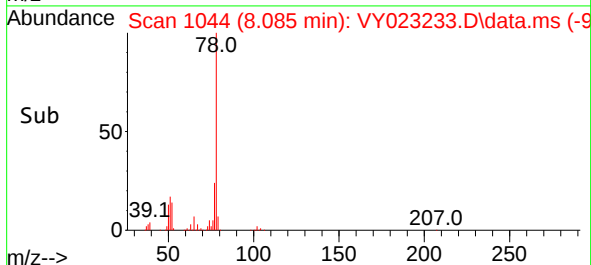
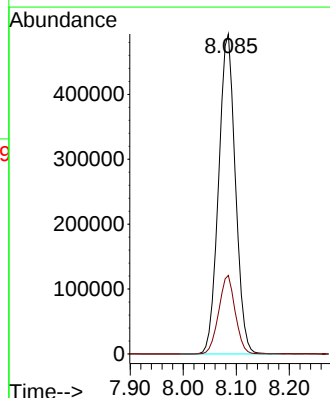
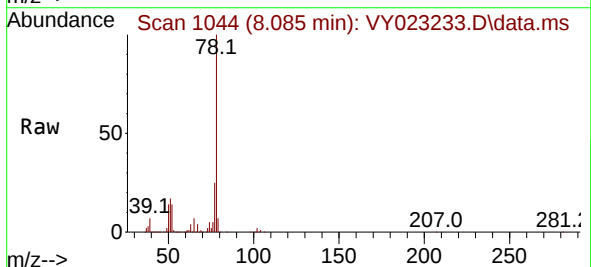
Acq: 29 Aug 2025 09:03

Tgt Ion: 78 Resp: 1082718

Ion Ratio Lower Upper

78 100

77 24.6 18.6 28.0

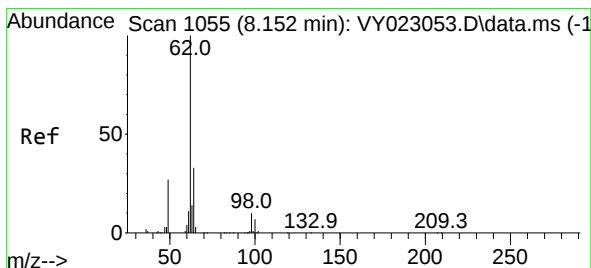
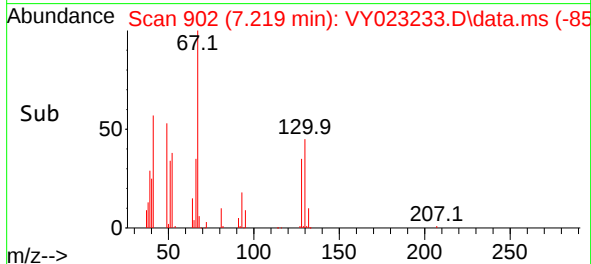
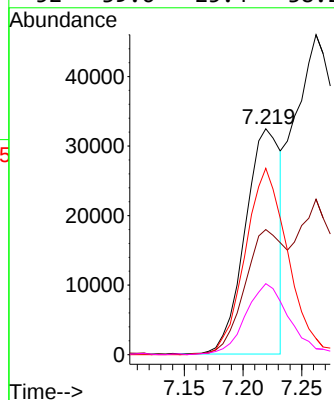
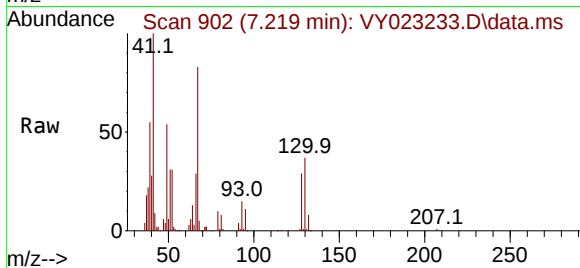




#41
Methacrylonitrile
Concen: 41.624 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

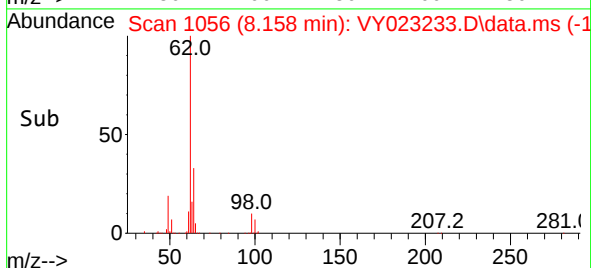
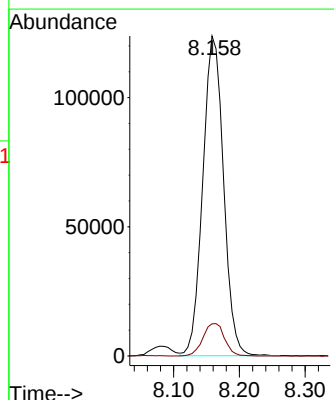
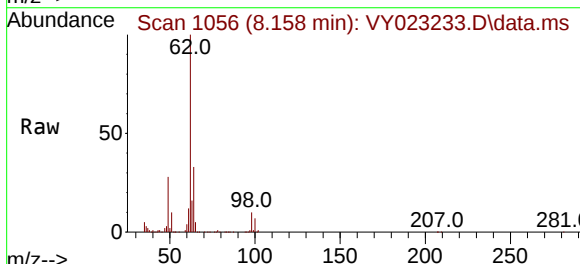
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	67581
Ion	Ratio	Lower	Upper
41	100		
39	64.4	43.4	65.2
67	101.6	63.6	95.4#
52	39.6	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 50.641 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion:	62	Resp:	271862
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6

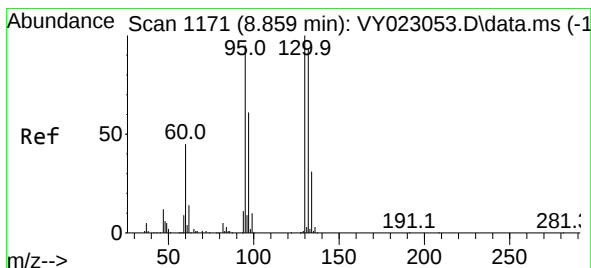
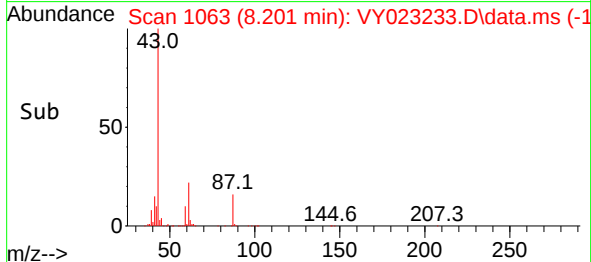
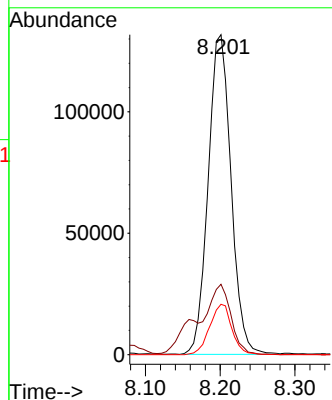
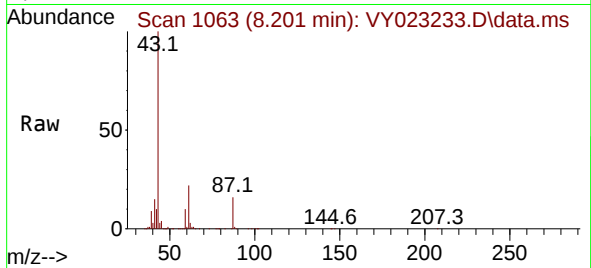




#43
Isopropyl Acetate
Concen: 49.335 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

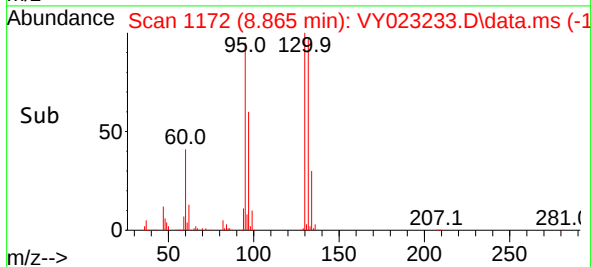
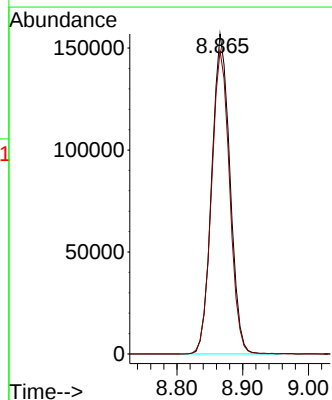
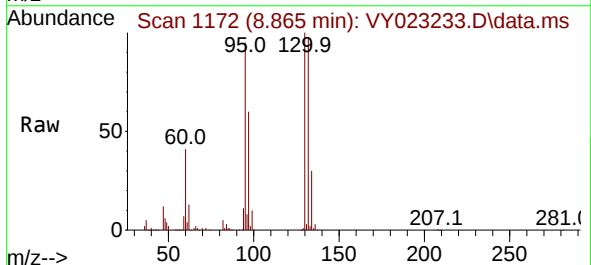
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 280522
Ion Ratio Lower Upper
43 100
61 22.4 16.4 24.6
87 15.3 11.8 17.6



#44
Trichloroethene
Concen: 56.566 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 130 Resp: 301735
Ion Ratio Lower Upper
130 100
95 94.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 52.029 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

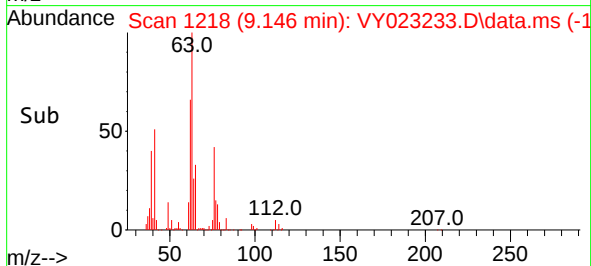
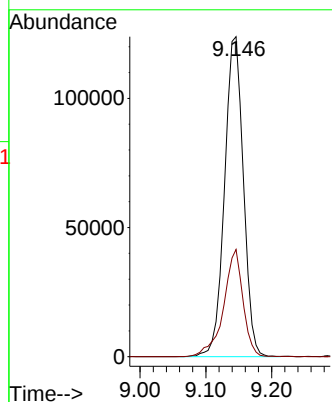
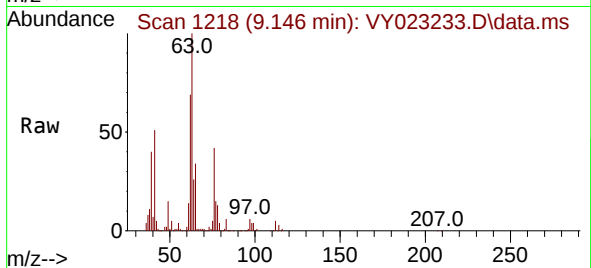
VSTDCCC050

Tgt Ion: 63 Resp: 247109

Ion Ratio Lower Upper

63 100

65 33.5 25.3 37.9



#46

Dibromomethane

Concen: 53.990 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

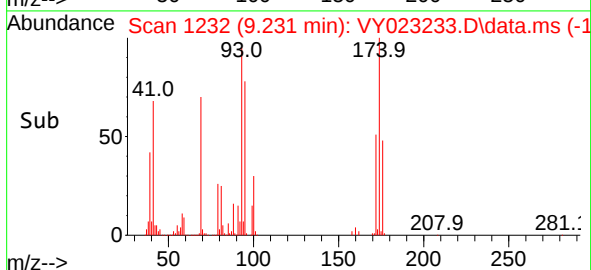
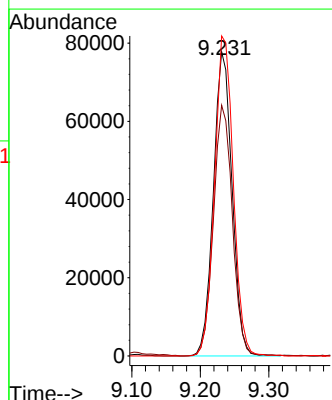
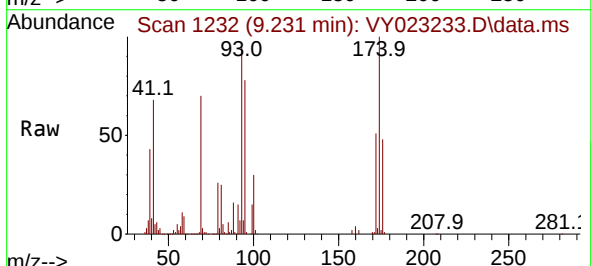
Tgt Ion: 93 Resp: 147178

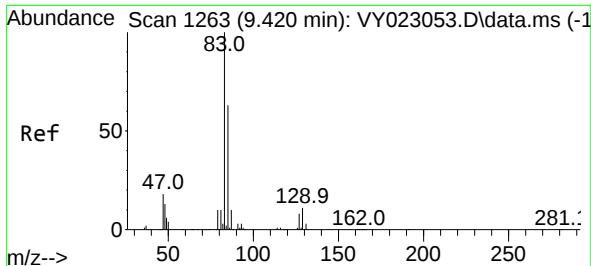
Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

174 105.8 81.8 122.8

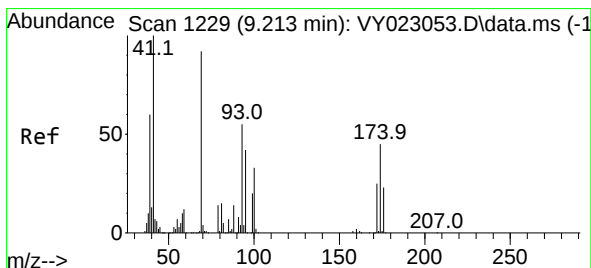
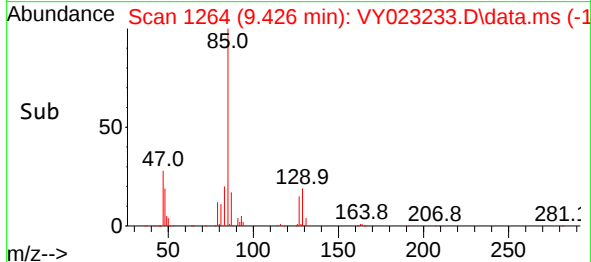
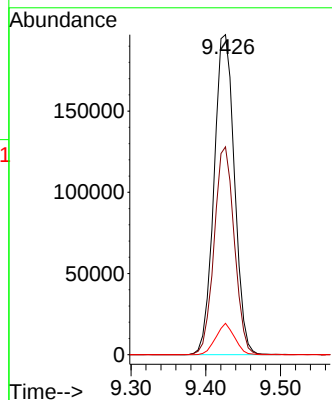
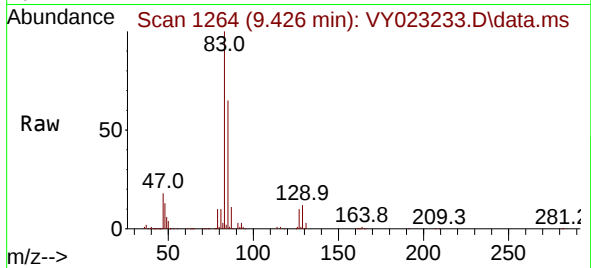




#47
Bromodichloromethane
Concen: 53.485 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

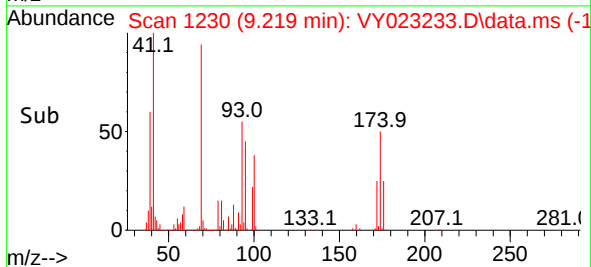
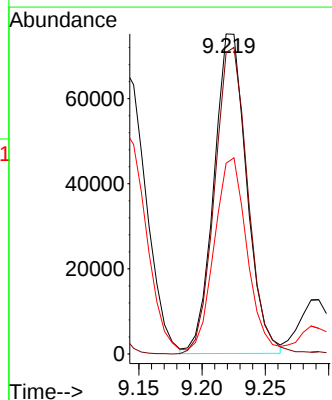
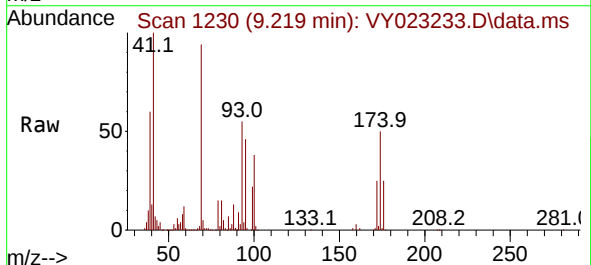
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 375164
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 9.8 6.6 10.0



#48
Methyl methacrylate
Concen: 49.784 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 41 Resp: 135458
Ion Ratio Lower Upper
41 100
69 97.5 73.2 109.8
39 59.1 47.0 70.4





#49

1,4-Dioxane

Concen: 990.012 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

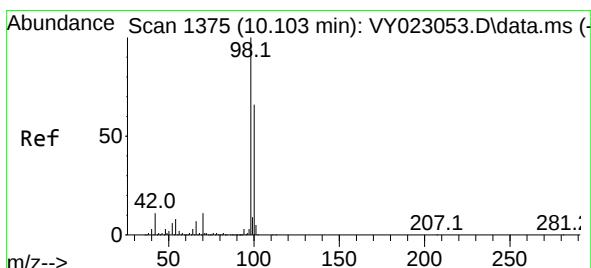
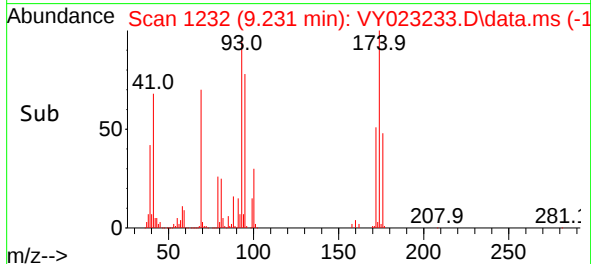
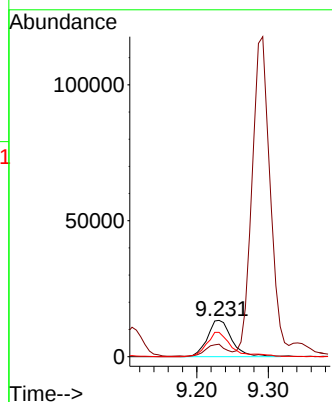
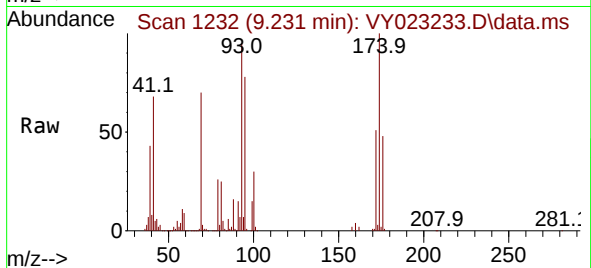
Tgt Ion: 88 Resp: 31644

Ion Ratio Lower Upper

88 100

43 27.1 24.3 36.5

58 69.0 55.4 83.0



#50

Toluene-d8

Concen: 49.398 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023233.D

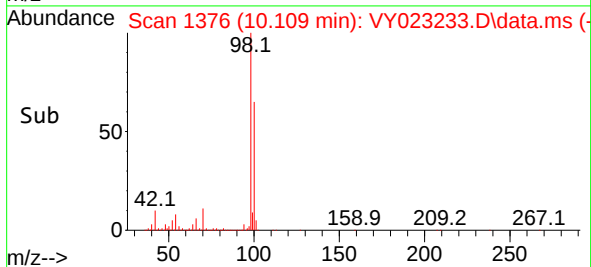
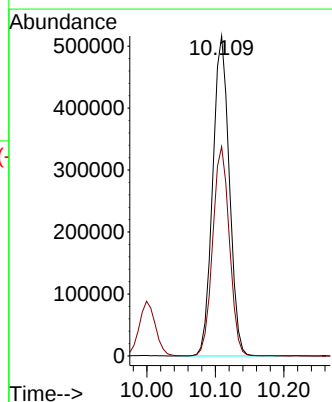
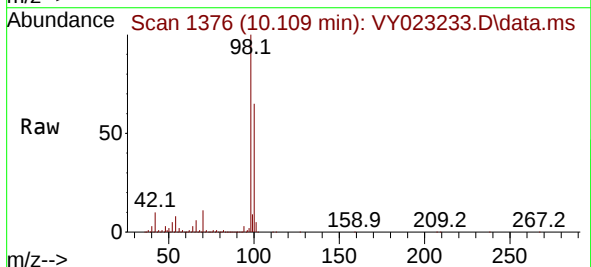
Acq: 29 Aug 2025 09:03

Tgt Ion: 98 Resp: 869629

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 258.508 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

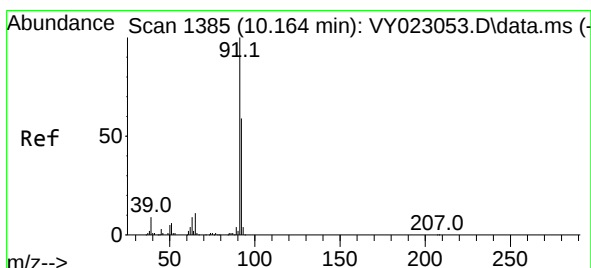
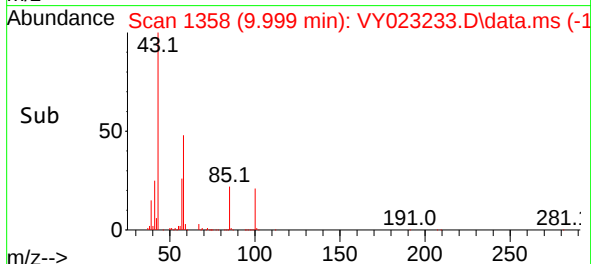
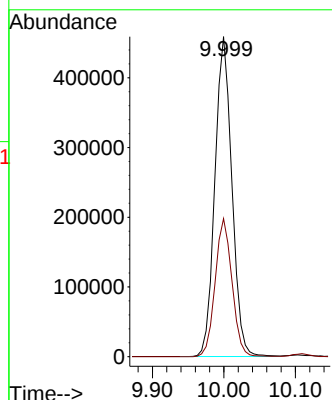
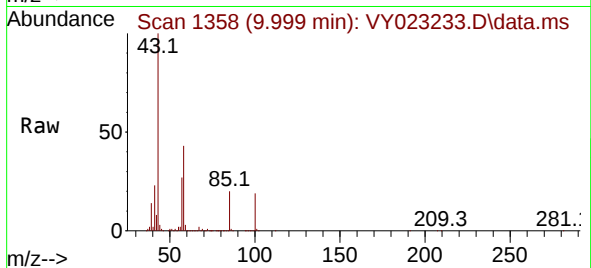
VSTDCCC050

Tgt Ion: 43 Resp: 758214

Ion Ratio Lower Upper

43 100

58 42.7 33.5 50.3



#52

Toluene

Concen: 54.077 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023233.D

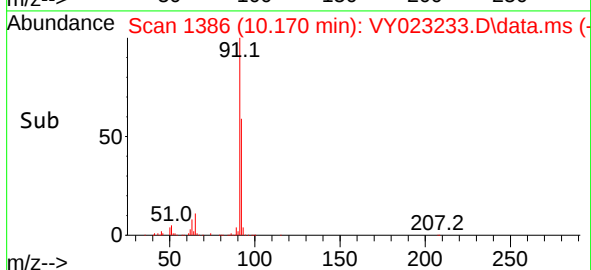
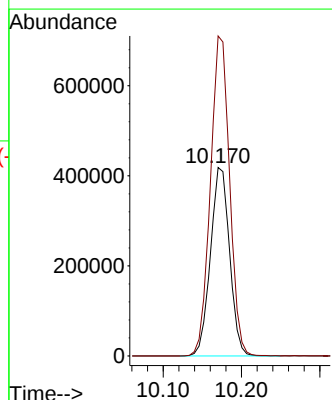
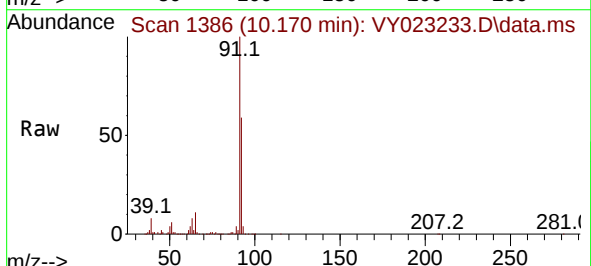
Acq: 29 Aug 2025 09:03

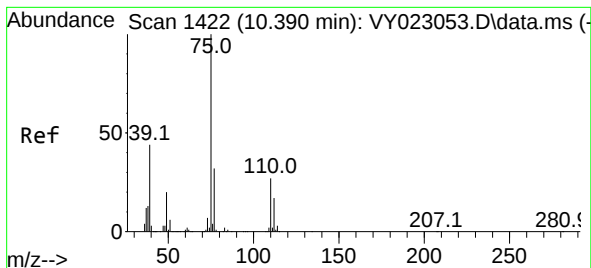
Tgt Ion: 92 Resp: 708950

Ion Ratio Lower Upper

92 100

91 170.4 136.4 204.6

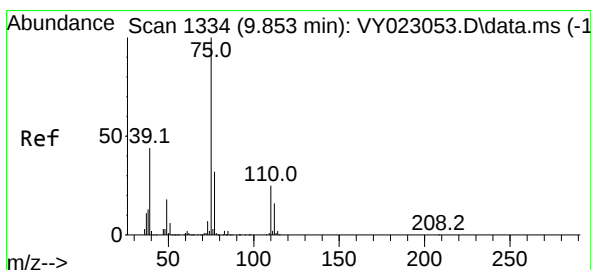
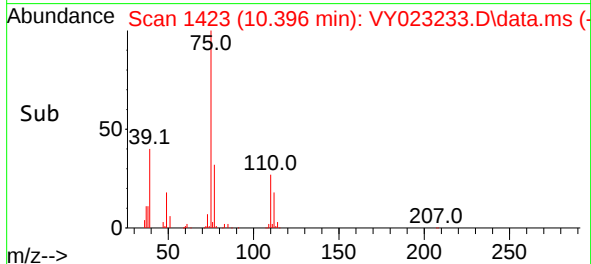
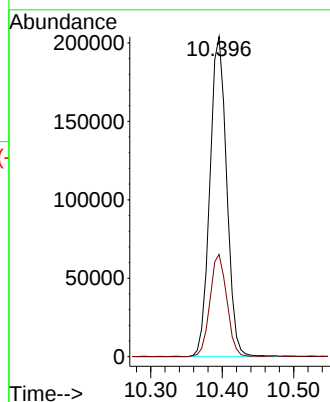
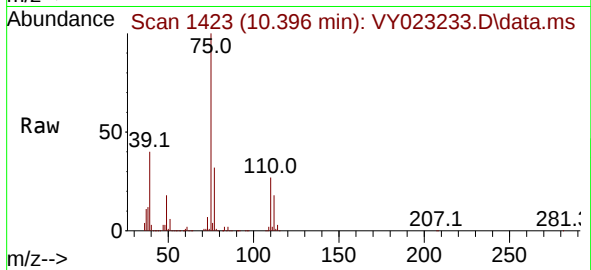




#53
 t-1,3-Dichloropropene
 Concen: 52.463 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

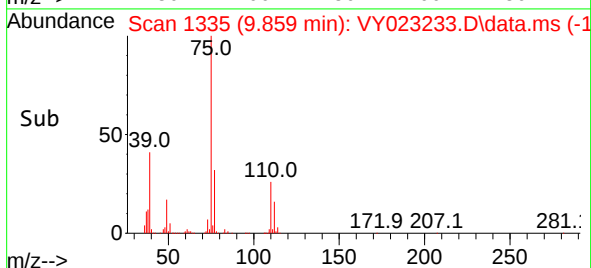
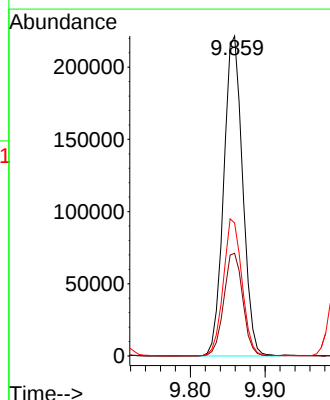
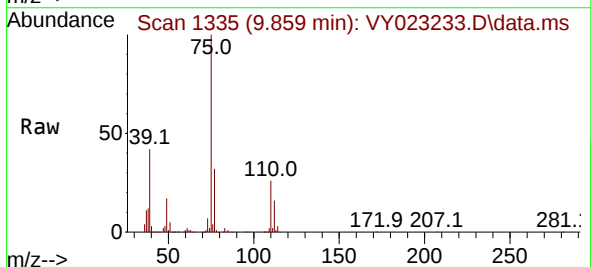
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

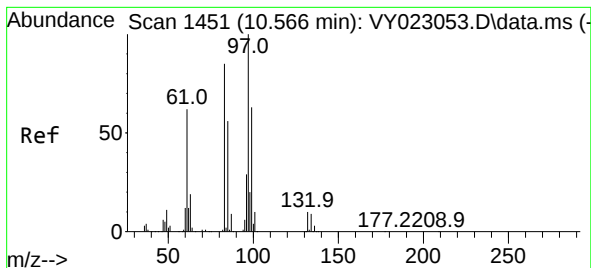
Tgt Ion: 75 Resp: 333234
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.009 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

Tgt Ion: 75 Resp: 390641
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 41.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 54.638 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 199301

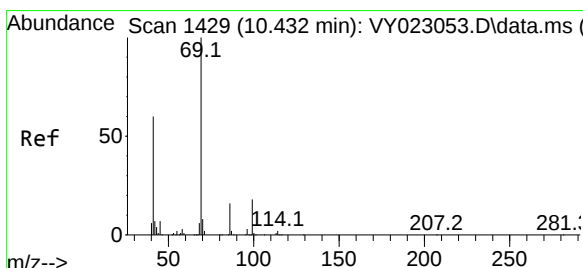
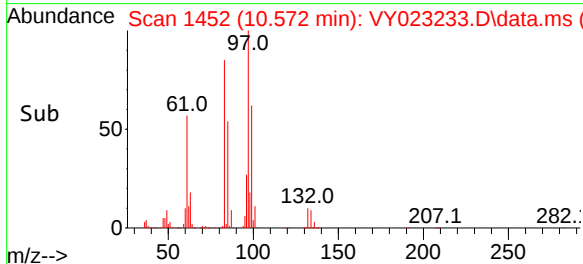
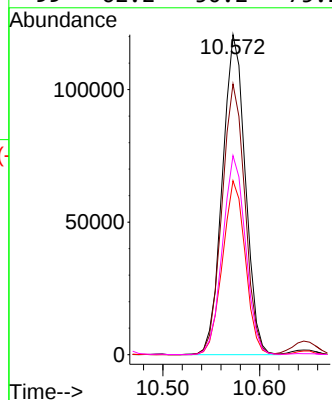
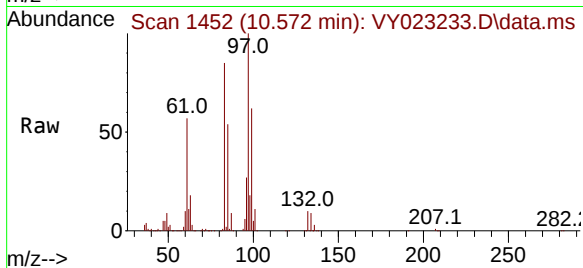
Ion Ratio Lower Upper

97 100

83 84.6 67.7 101.5

85 54.4 44.5 66.7

99 62.2 50.2 75.2



#56

Ethyl methacrylate

Concen: 53.645 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

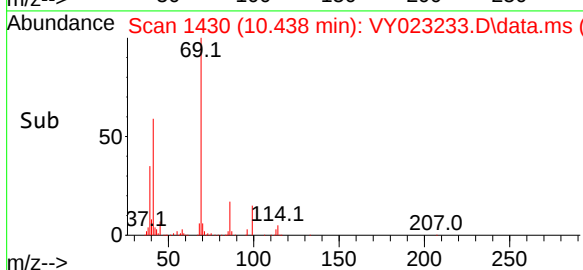
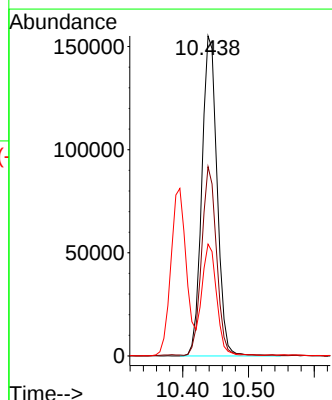
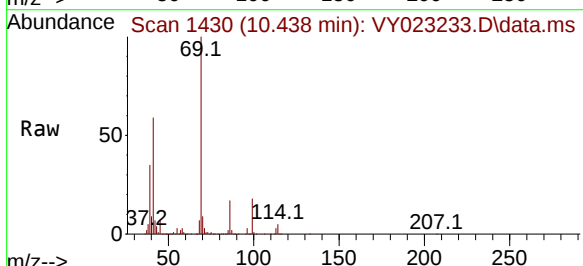
Tgt Ion: 69 Resp: 250392

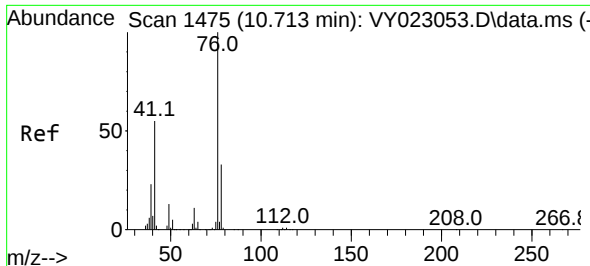
Ion Ratio Lower Upper

69 100

41 57.5 48.6 72.8

39 33.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 52.508 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

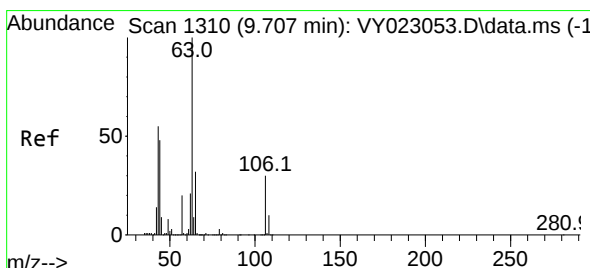
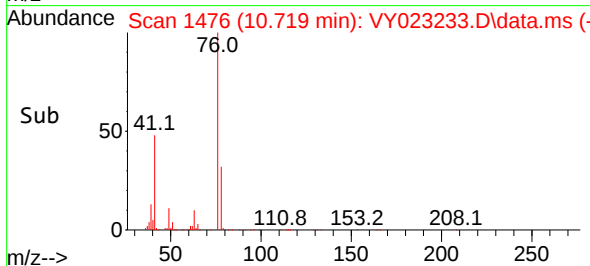
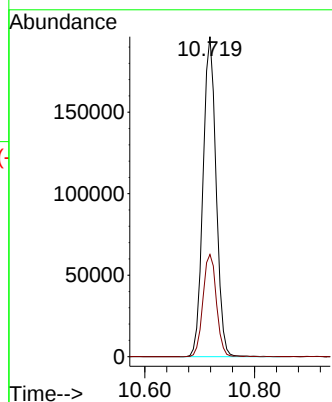
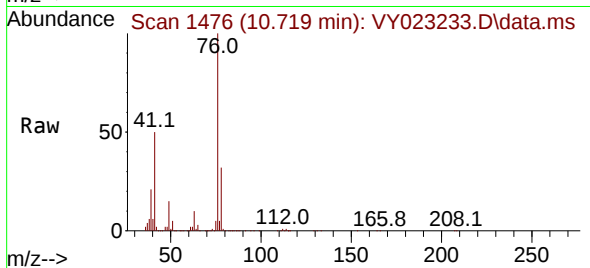
VSTDCCC050

Tgt Ion: 76 Resp: 324827

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 237.580 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023233.D

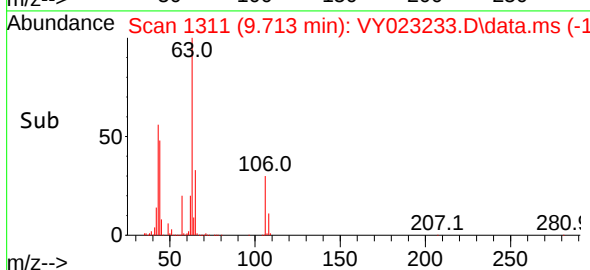
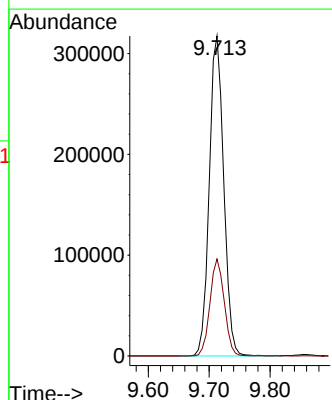
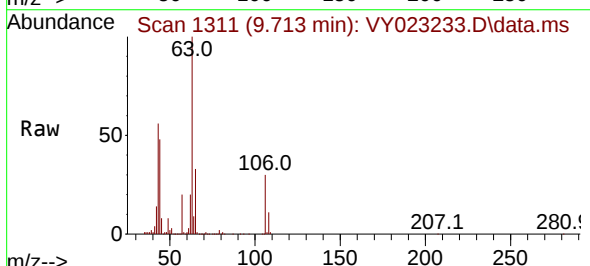
Acq: 29 Aug 2025 09:03

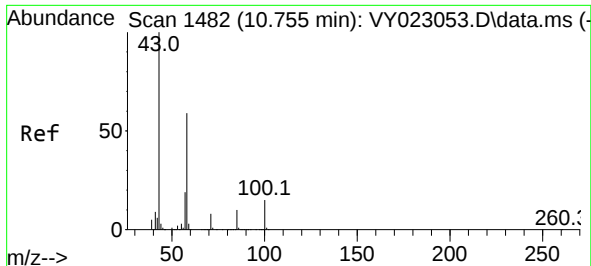
Tgt Ion: 63 Resp: 523078

Ion Ratio Lower Upper

63 100

106 30.1 23.2 34.8

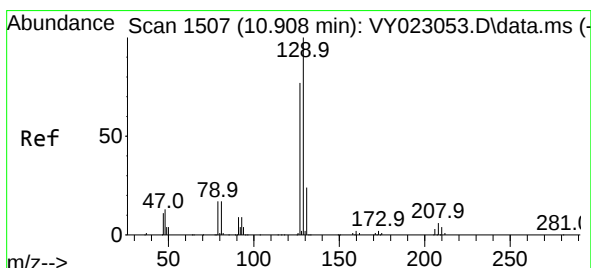
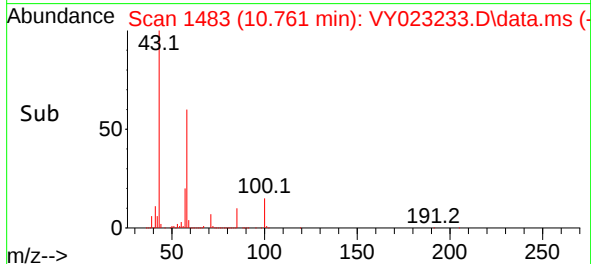
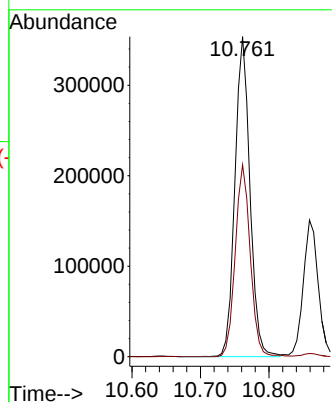
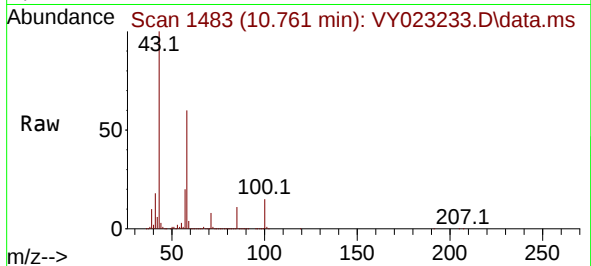




#59
2-Hexanone
Concen: 269.418 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

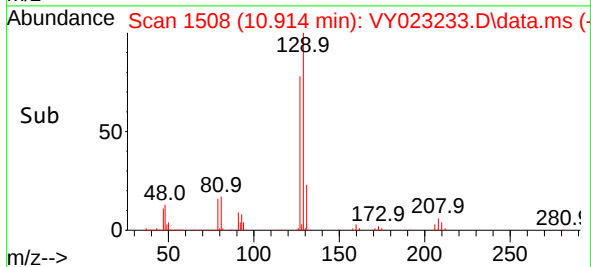
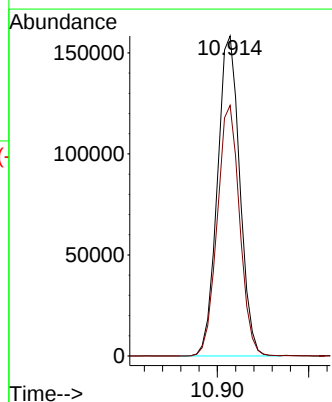
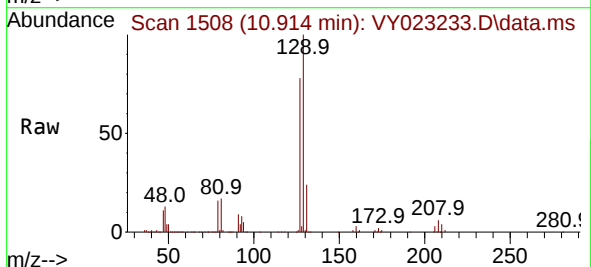
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

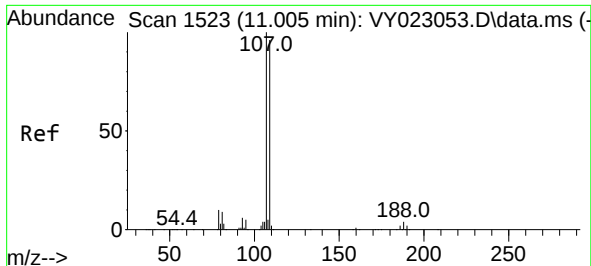
Tgt Ion: 43 Resp: 538081
Ion Ratio Lower Upper
43 100
58 60.1 29.5 88.5



#60
Dibromochloromethane
Concen: 55.957 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 129 Resp: 269324
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

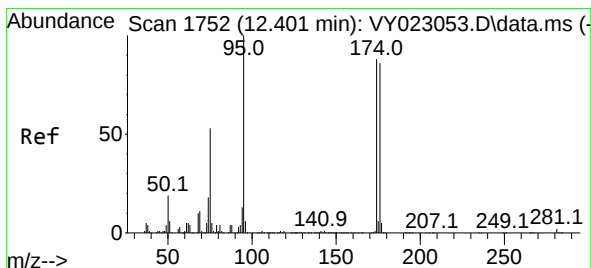
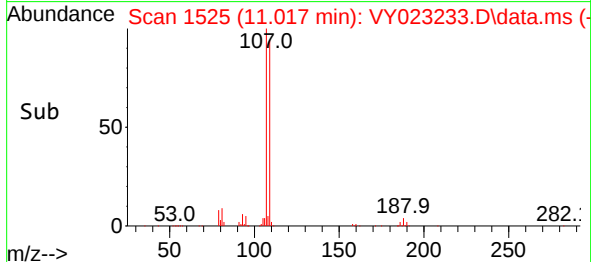
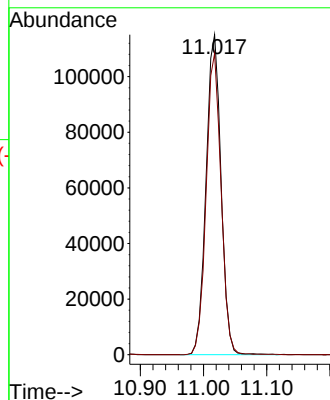
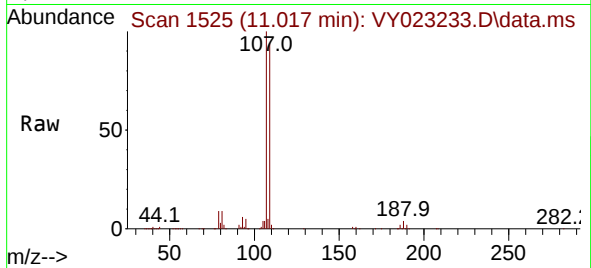




#61
1,2-Dibromoethane
Concen: 55.293 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

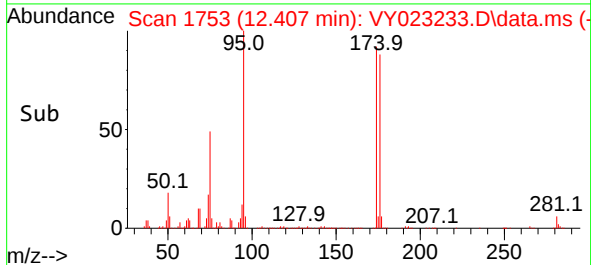
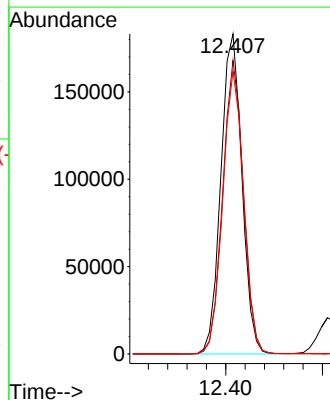
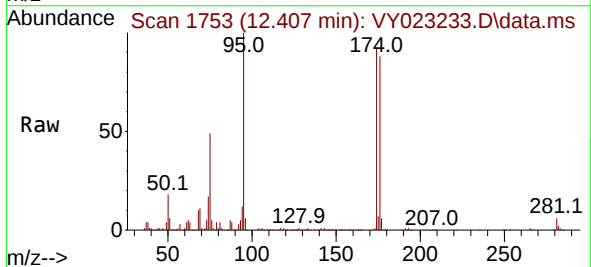
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

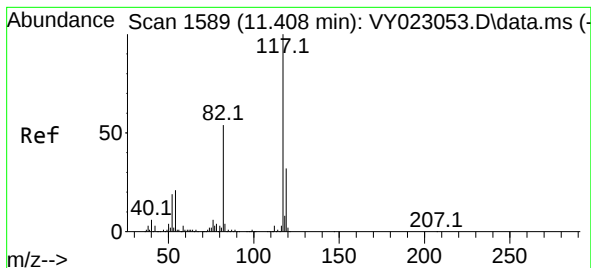
Tgt Ion:107 Resp: 189568
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.808 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 95 Resp: 276333
Ion Ratio Lower Upper
95 100
174 90.4 0.0 171.6
176 88.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

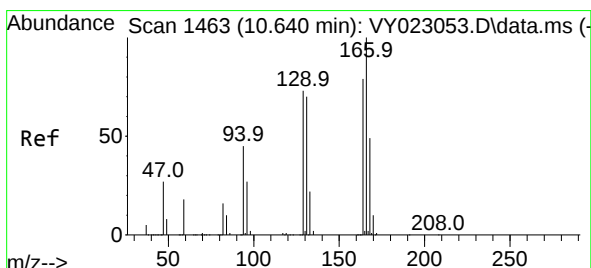
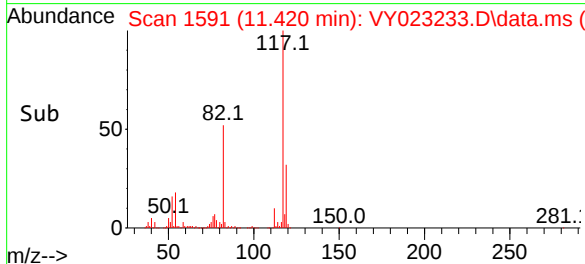
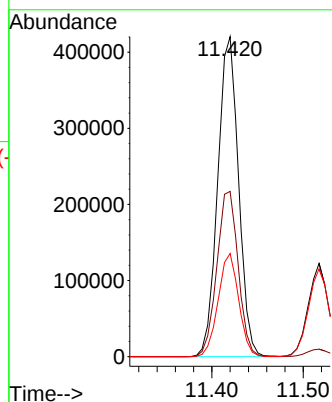
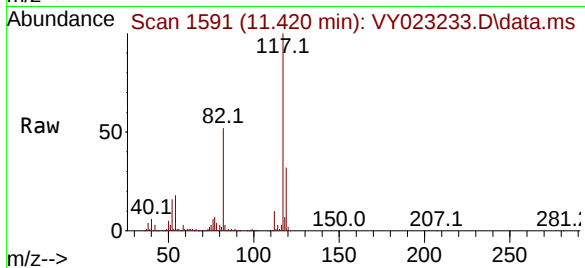
Tgt Ion:117 Resp: 665575

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 62.575 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Tgt Ion:164 Resp: 371894

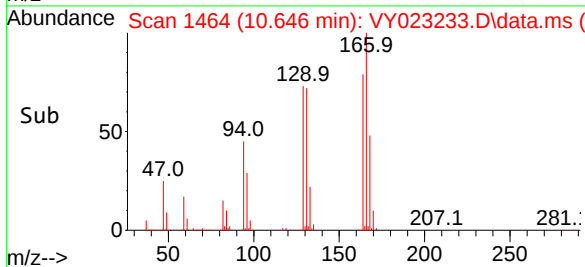
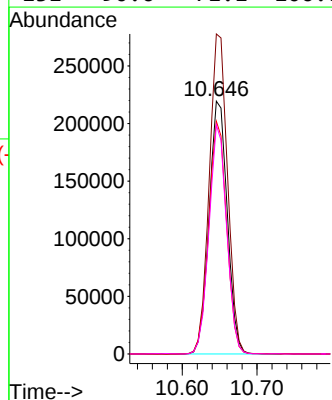
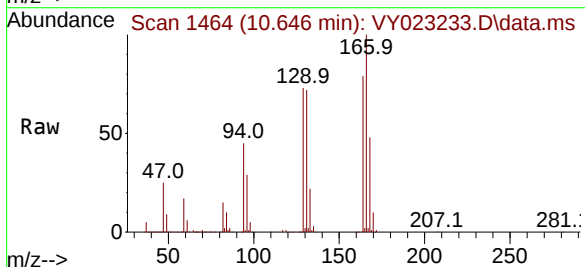
Ion Ratio Lower Upper

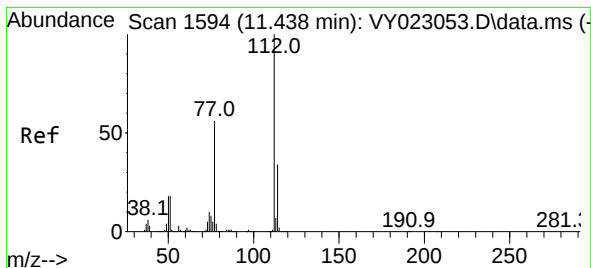
164 100

166 126.6 101.1 151.7

129 92.0 74.0 111.0

131 90.6 71.1 106.7

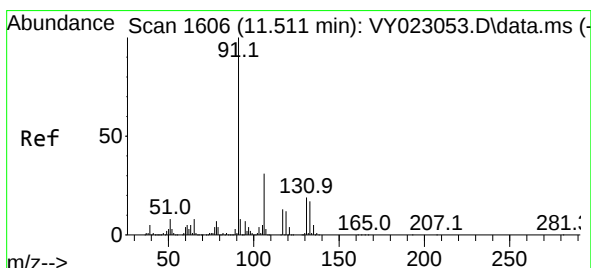
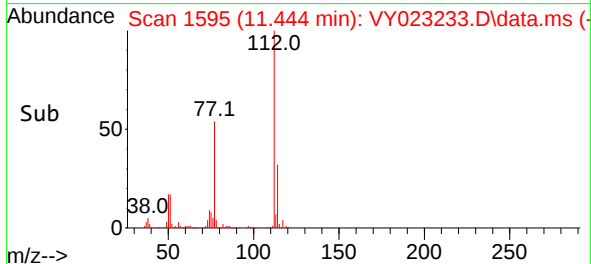
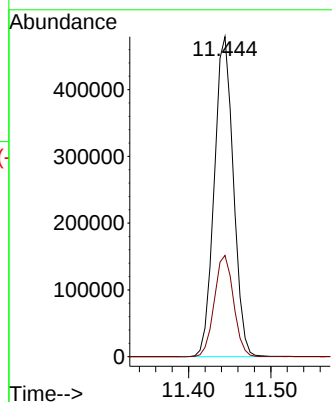
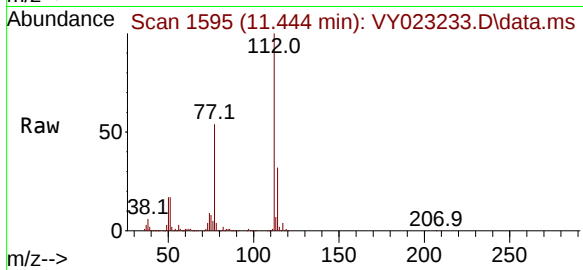




#65
Chlorobenzene
Concen: 53.932 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

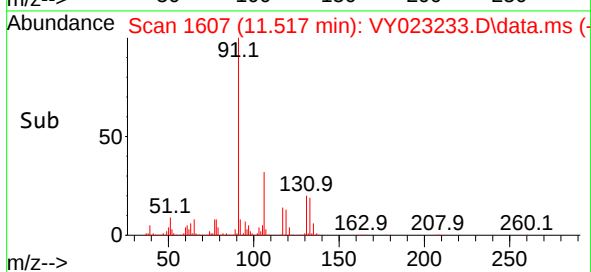
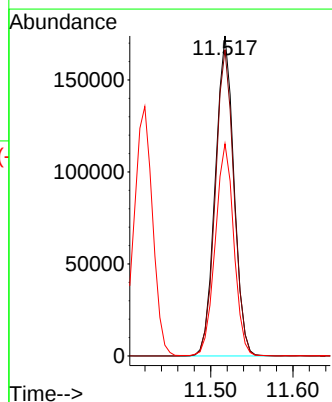
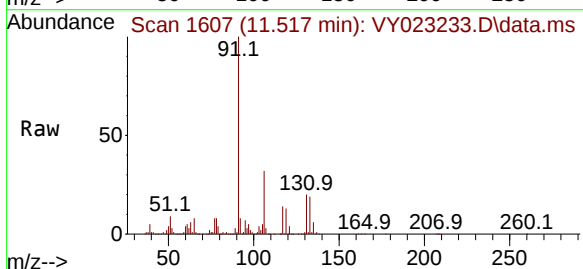
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

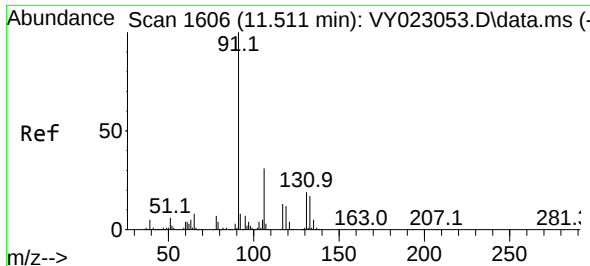
Tgt Ion:112 Resp: 774271
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.138 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion:131 Resp: 273528
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.6
119 66.0 33.2 99.6





#67

Ethyl Benzene

Concen: 54.675 ug/l

RT: 11.517 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

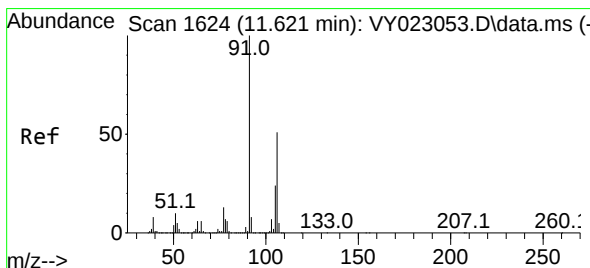
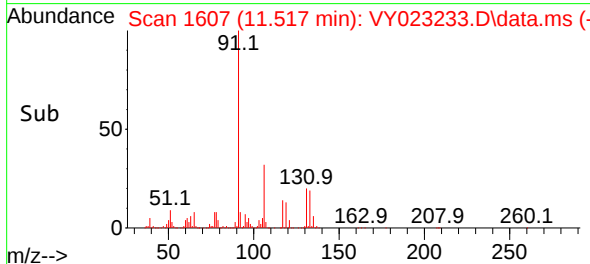
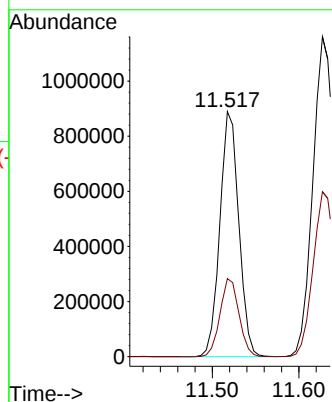
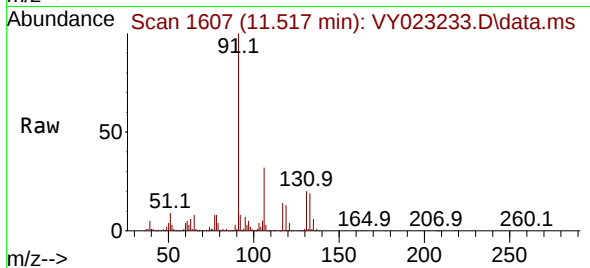
VSTDCCC050

Tgt Ion: 91 Resp: 1350812

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 111.065 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023233.D

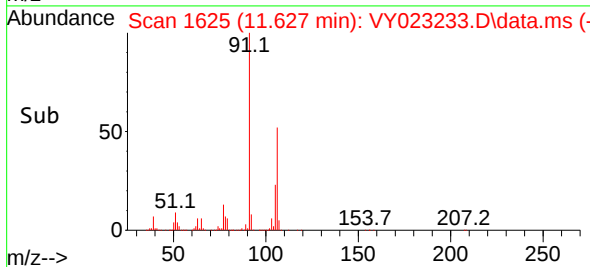
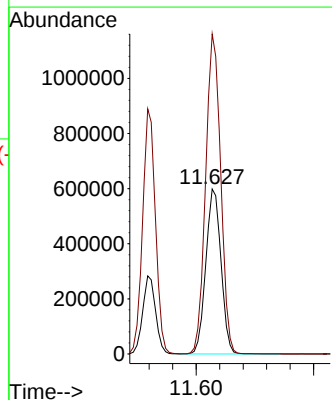
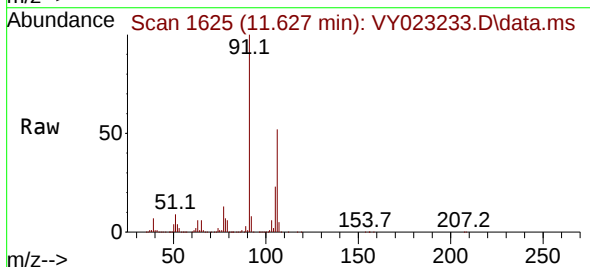
Acq: 29 Aug 2025 09:03

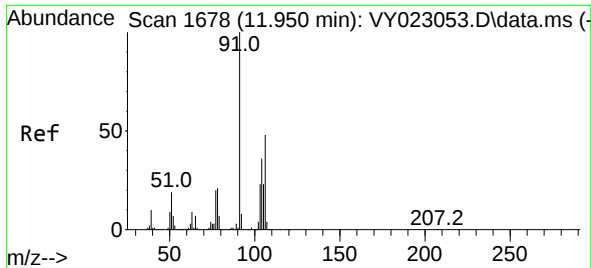
Tgt Ion:106 Resp: 1071698

Ion Ratio Lower Upper

106 100

91 192.8 158.6 238.0

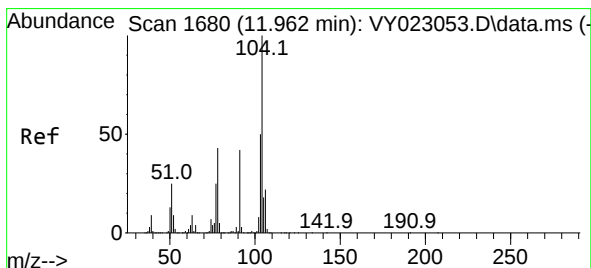
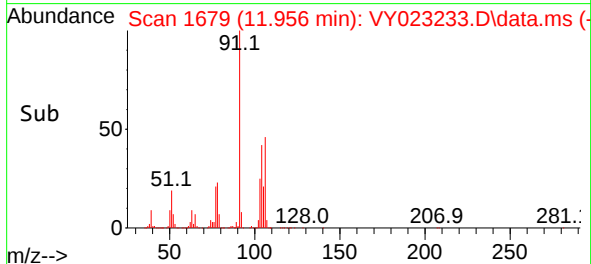
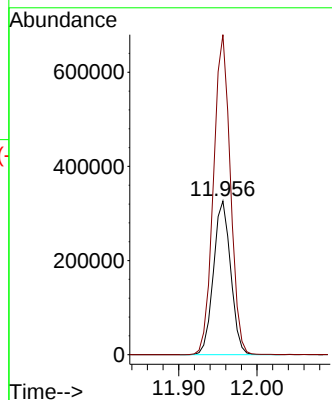
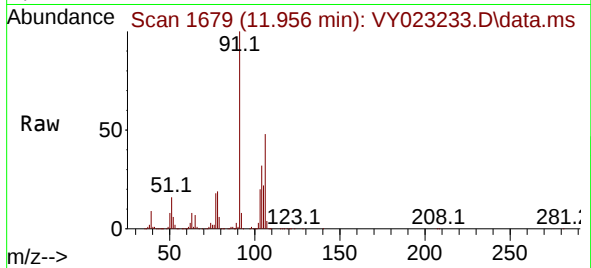




#69
o-Xylene
Concen: 54.991 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

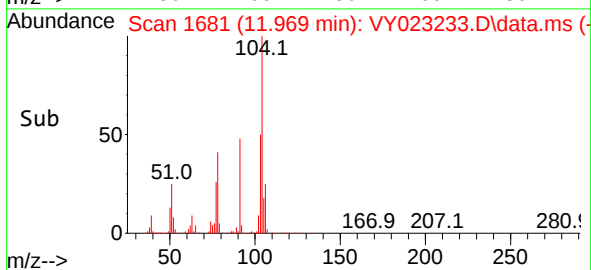
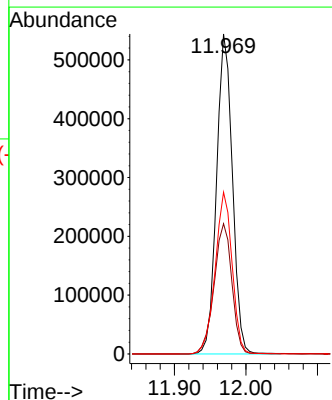
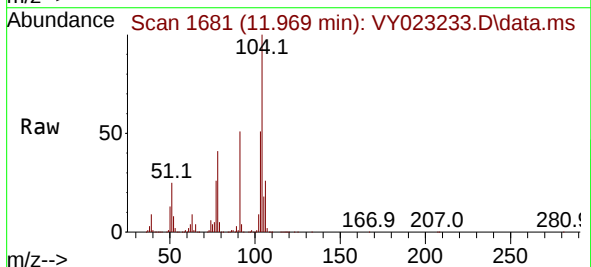
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

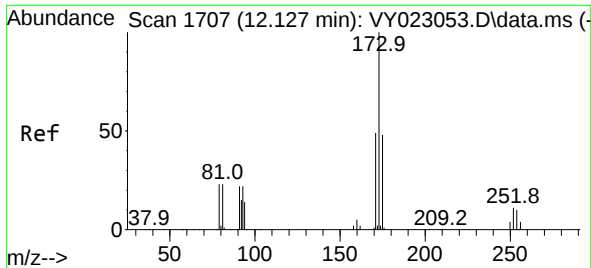
Tgt Ion:106 Resp: 496982
Ion Ratio Lower Upper
106 100
91 205.1 103.2 309.4



#70
Styrene
Concen: 56.638 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion:104 Resp: 837085
Ion Ratio Lower Upper
104 100
78 45.6 38.5 57.7
103 54.2 43.7 65.5

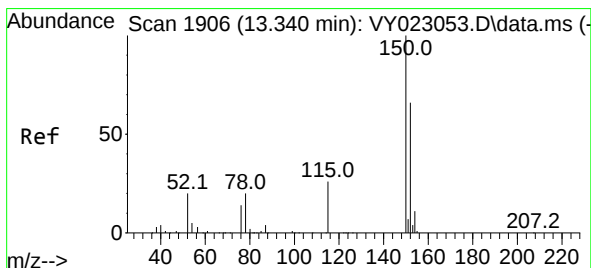
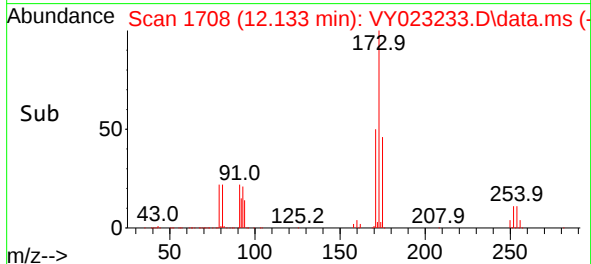
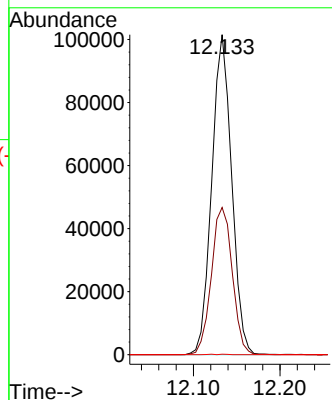
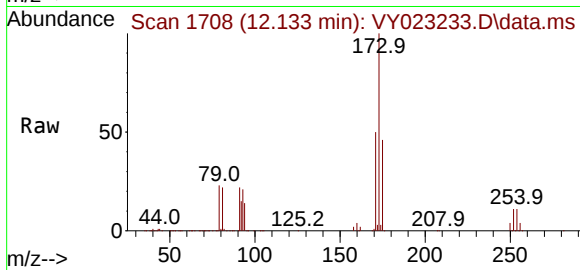




#71
Bromoform
Concen: 56.834 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

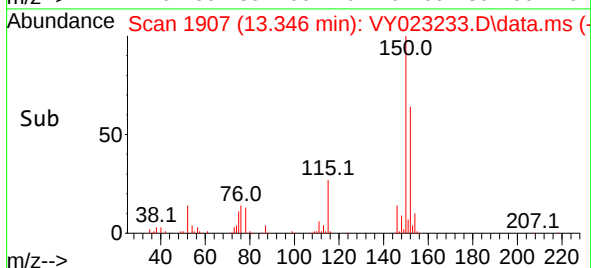
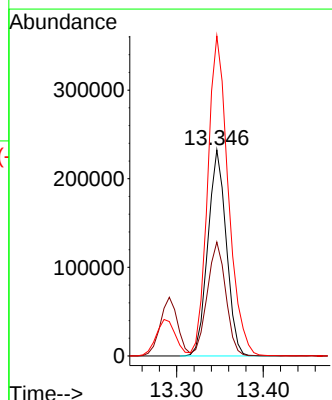
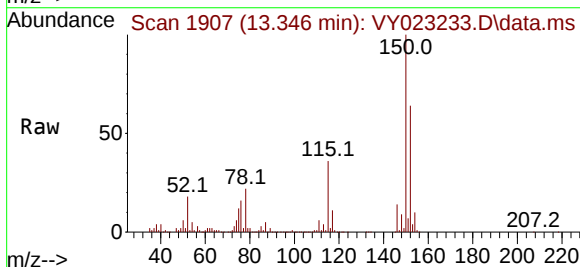
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

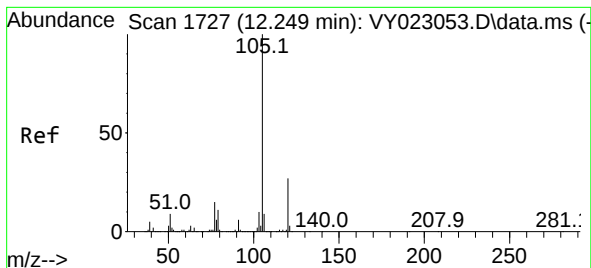
Tgt Ion:173 Resp: 161848
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion:152 Resp: 343406
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.6
150 173.6 0.0 348.0





#73

Isopropylbenzene

Concen: 54.100 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

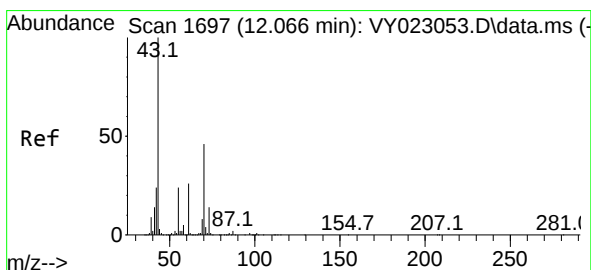
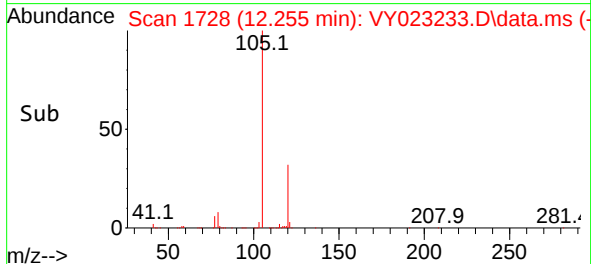
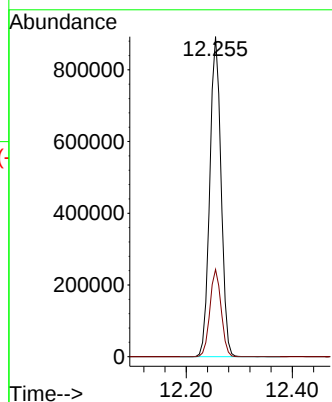
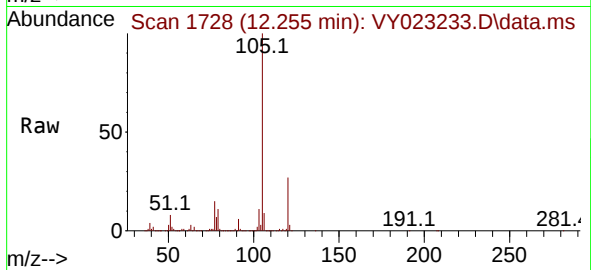
VSTDCCC050

Tgt Ion:105 Resp: 1311239

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 47.914 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Tgt Ion: 43 Resp: 246274

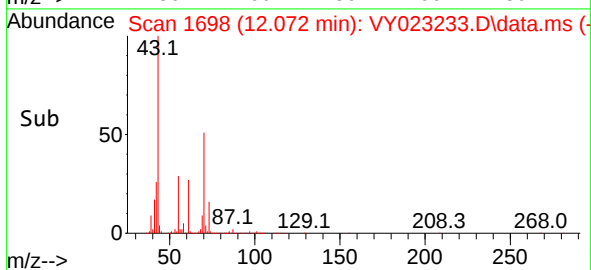
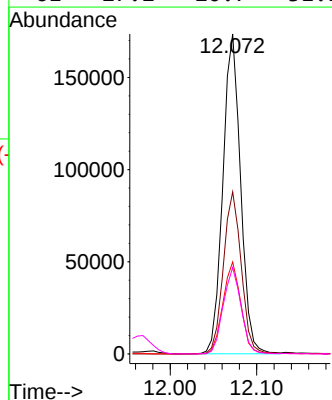
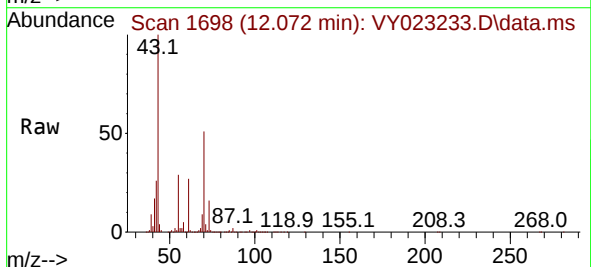
Ion Ratio Lower Upper

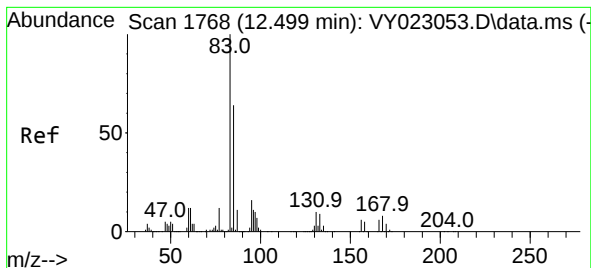
43 100

70 51.4 37.5 56.3

55 29.4 20.7 31.1

61 27.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.195 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

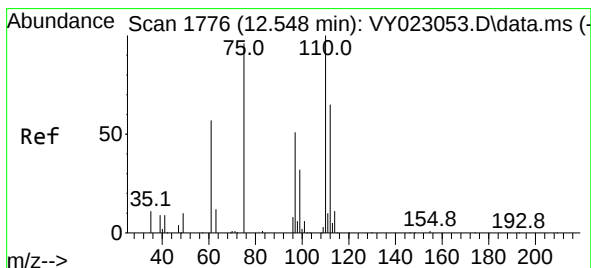
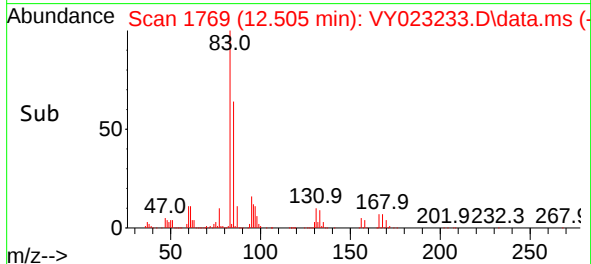
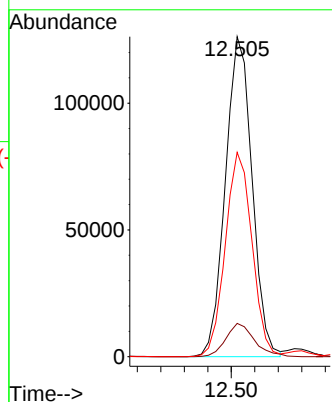
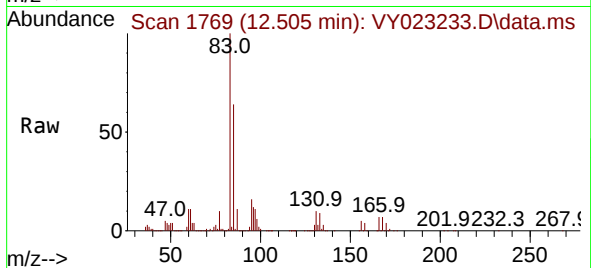
Tgt Ion: 83 Resp: 199454

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 85.414 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023233.D

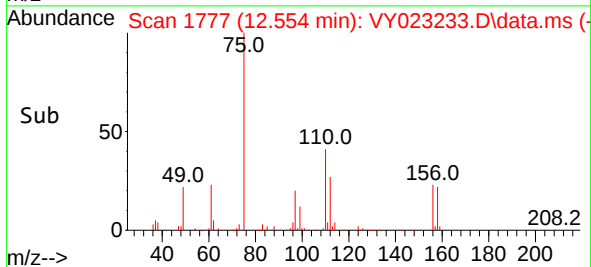
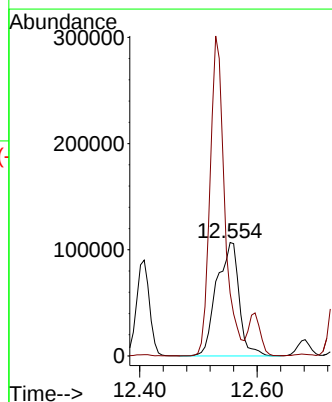
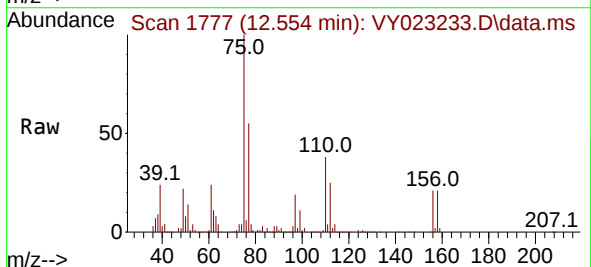
Acq: 29 Aug 2025 09:03

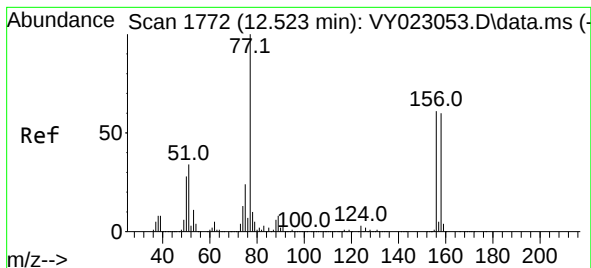
Tgt Ion: 75 Resp: 283082

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.244 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.012 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

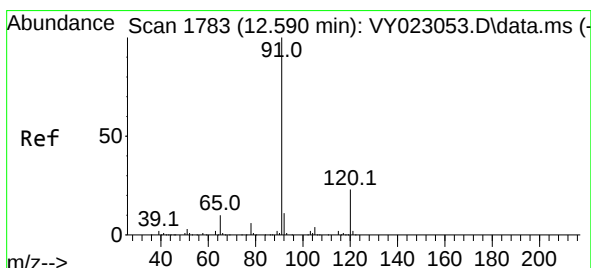
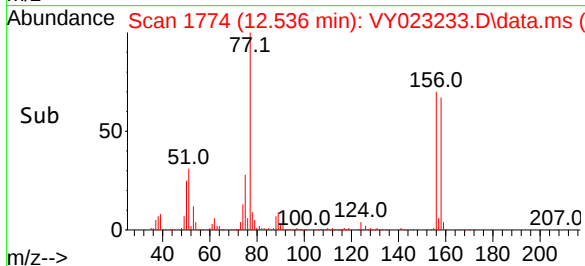
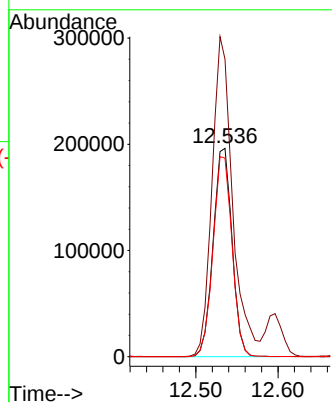
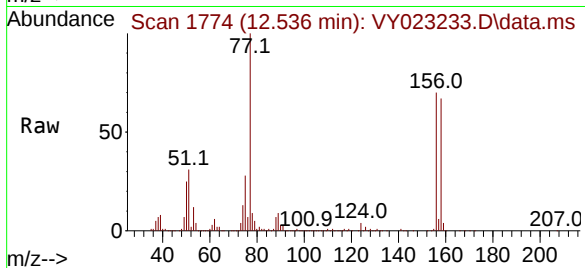
Tgt Ion:156 Resp: 313653

Ion Ratio Lower Upper

156 100

77 167.0 88.1 264.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 54.157 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023233.D

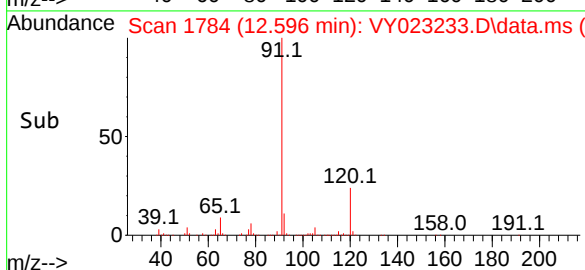
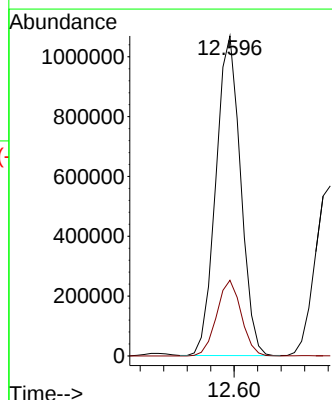
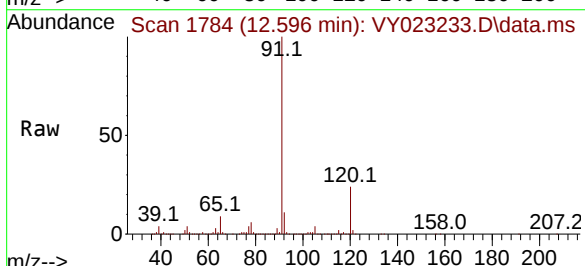
Acq: 29 Aug 2025 09:03

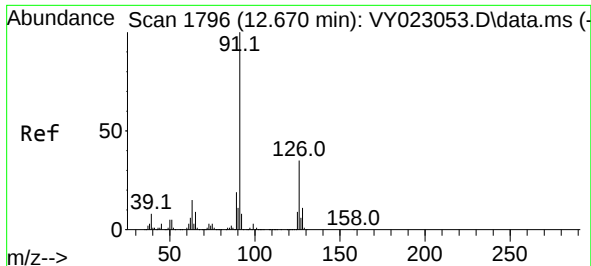
Tgt Ion: 91 Resp: 1562753

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5

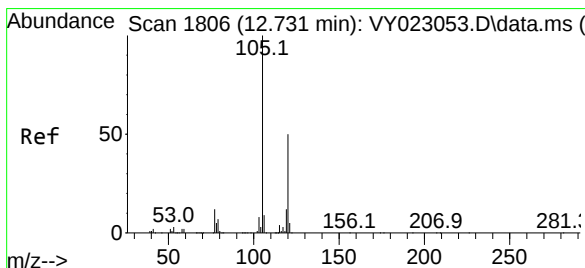
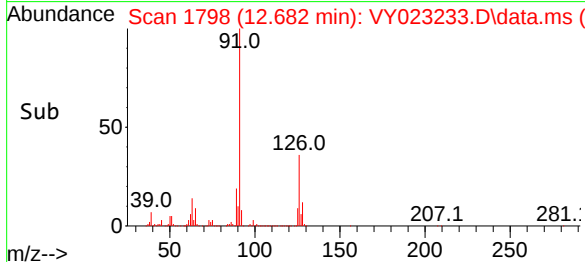
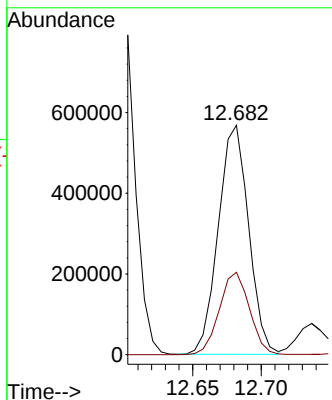
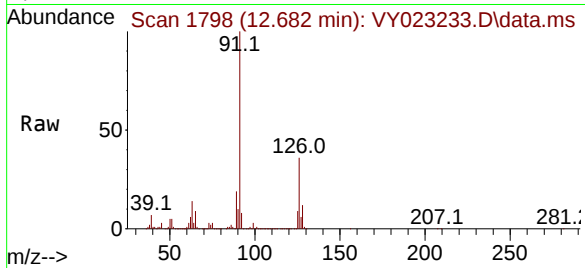




#79
2-Chlorotoluene
Concen: 52.932 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

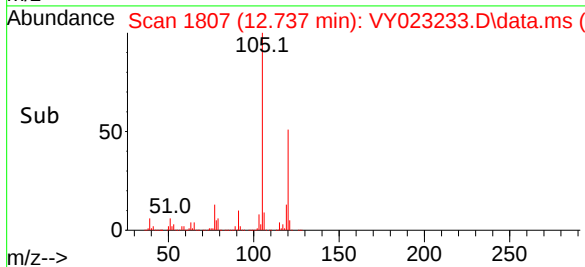
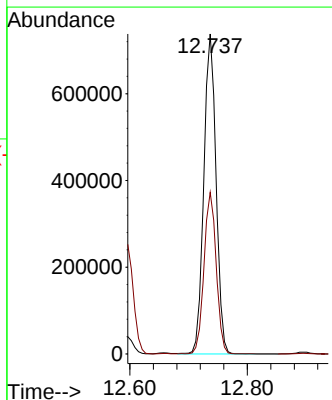
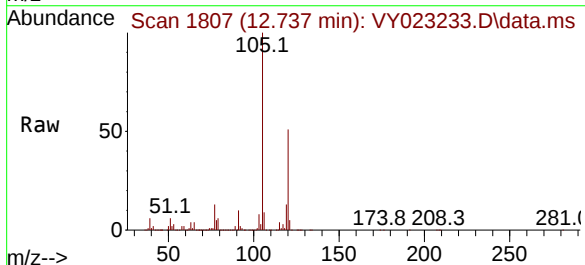
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

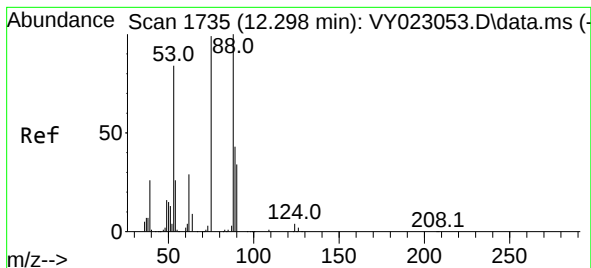
Tgt Ion: 91 Resp: 875147
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 54.555 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 105 Resp: 1068632
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4

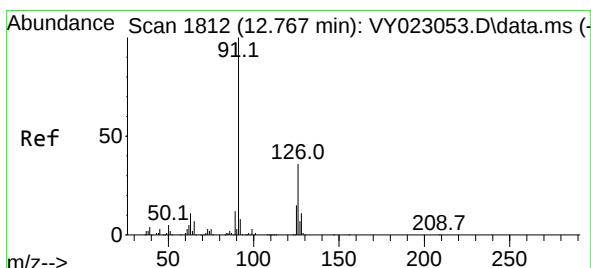
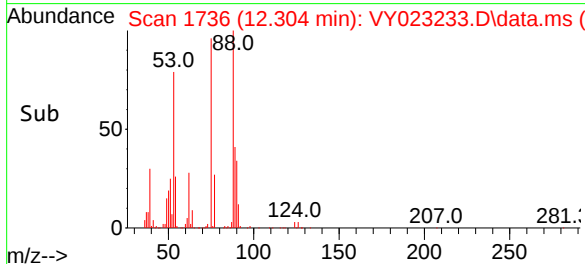
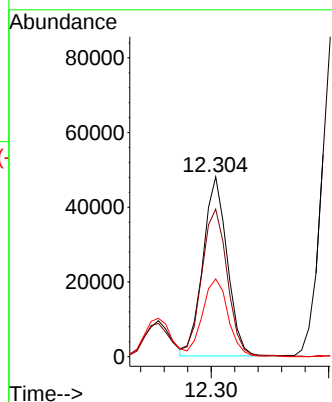
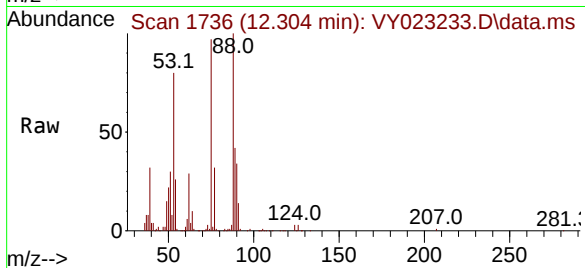




#81
trans-1,4-Dichloro-2-butene
Concen: 50.083 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

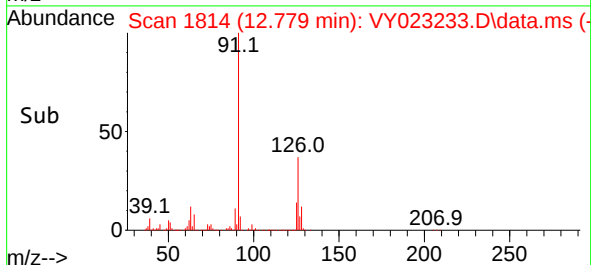
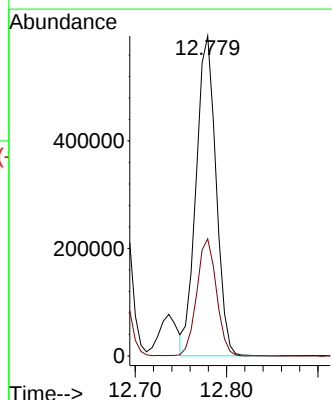
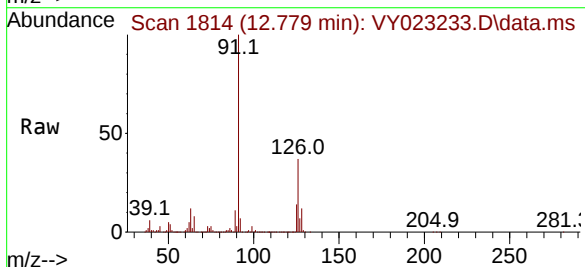
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 68570
Ion Ratio Lower Upper
75 100
53 88.0 70.8 106.2
89 45.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.439 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion: 91 Resp: 899401
Ion Ratio Lower Upper
91 100
126 36.2 17.3 52.0

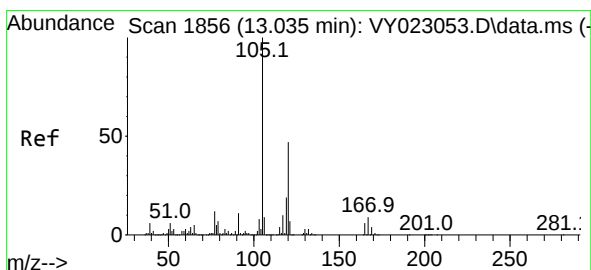
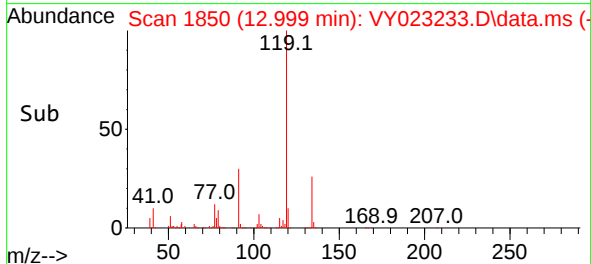
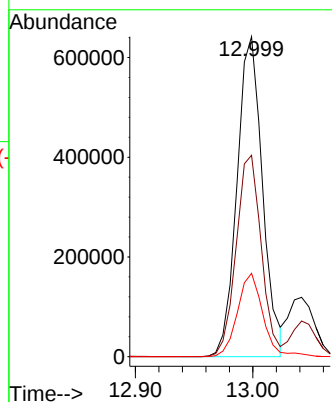
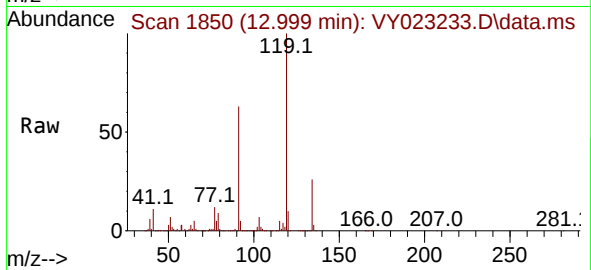




#83
tert-Butylbenzene
Concen: 54.676 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

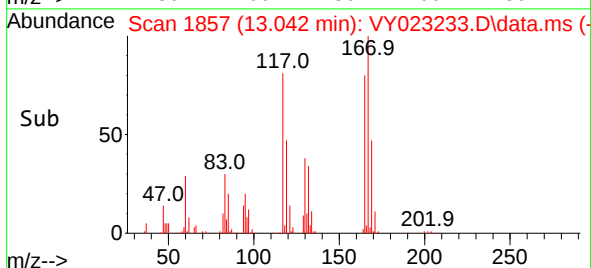
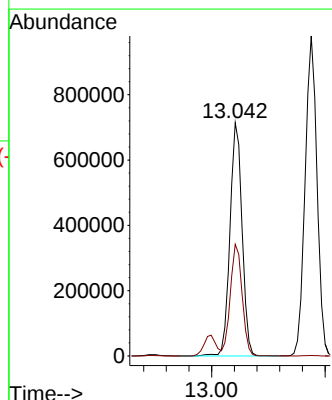
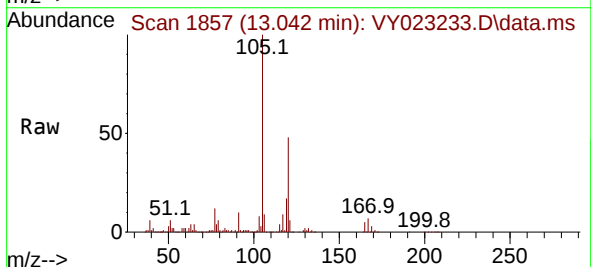
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

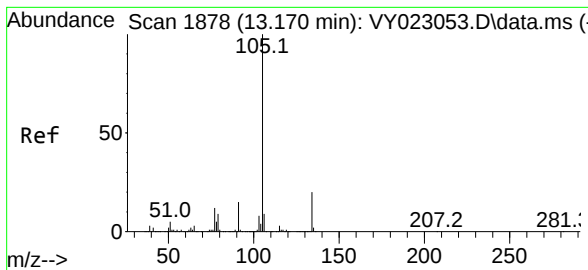
Tgt Ion:119 Resp: 967297
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 54.115 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023233.D
Acq: 29 Aug 2025 09:03

Tgt Ion:105 Resp: 1055215
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0

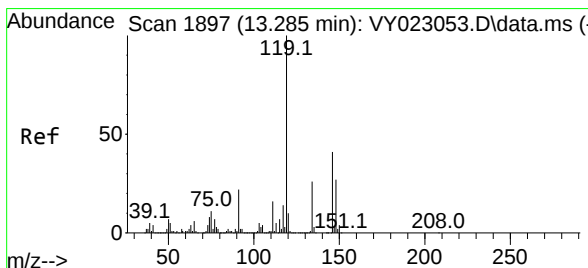
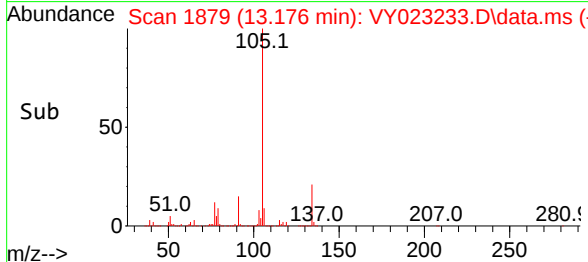
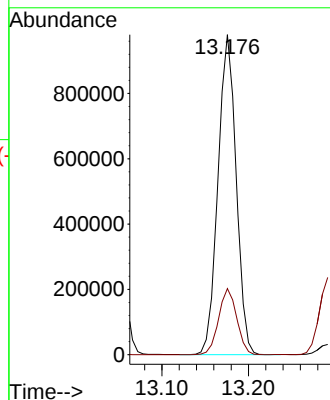
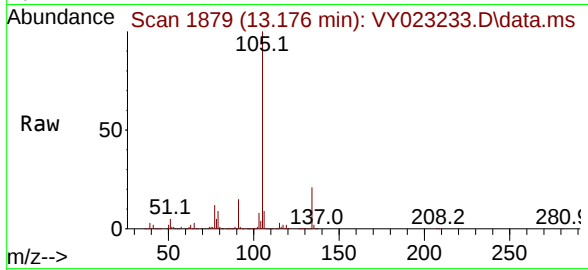




#85
 sec-Butylbenzene
 Concen: 54.939 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

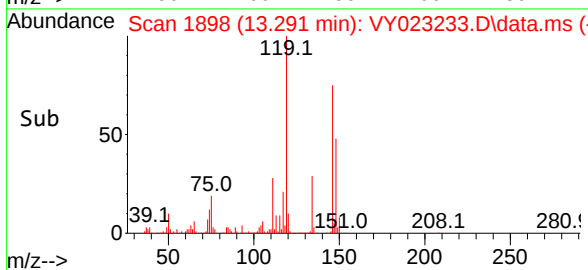
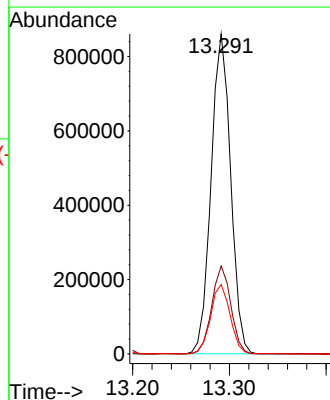
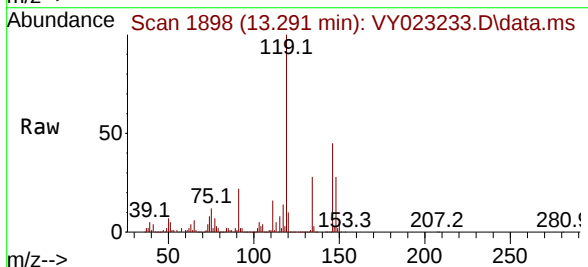
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

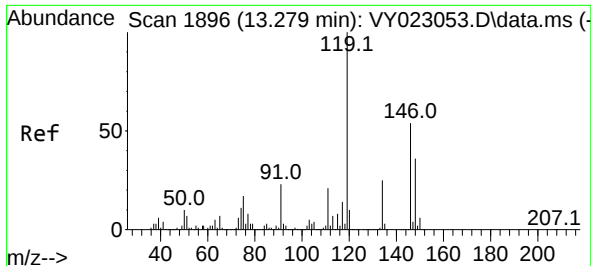
Tgt Ion:105 Resp: 1427775
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 56.043 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023233.D
 Acq: 29 Aug 2025 09:03

Tgt Ion:119 Resp: 1208957
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 21.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 55.373 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

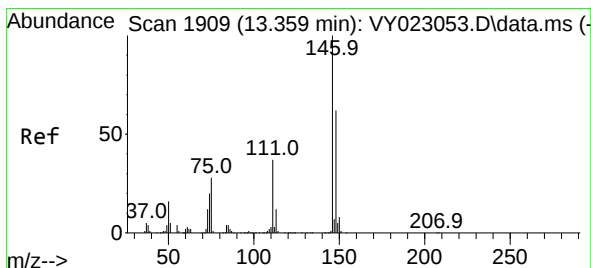
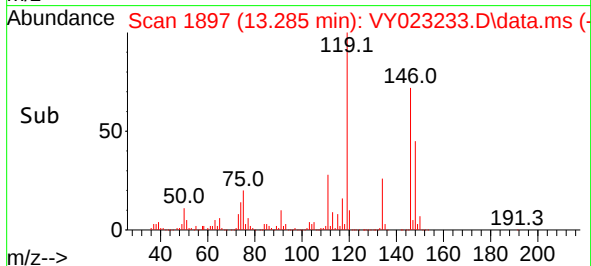
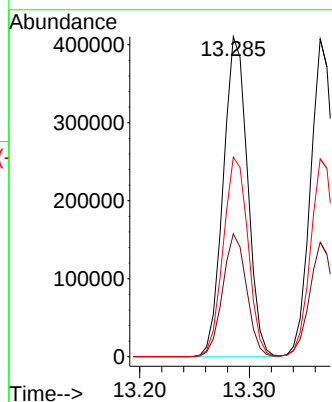
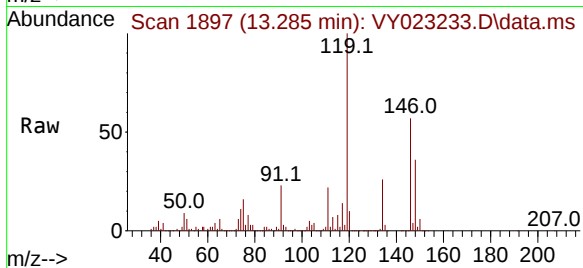
Tgt Ion:146 Resp: 631406

Ion Ratio Lower Upper

146 100

111 37.7 19.6 58.7

148 63.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 54.315 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

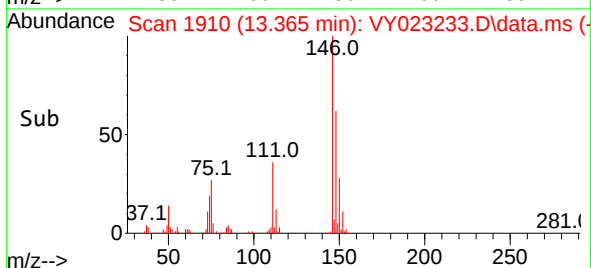
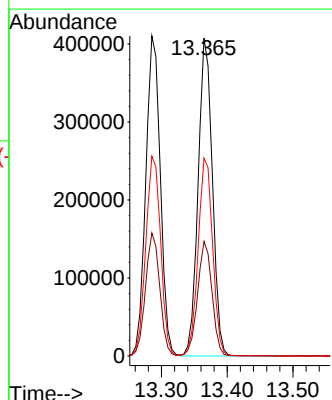
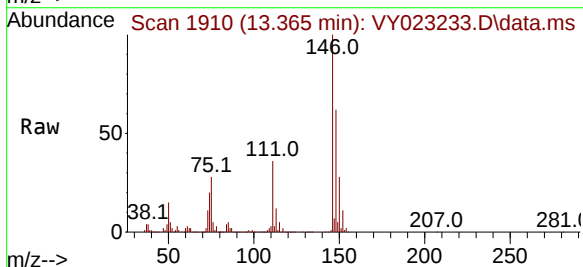
Tgt Ion:146 Resp: 614380

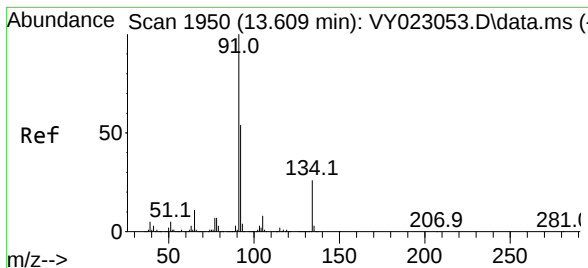
Ion Ratio Lower Upper

146 100

111 36.3 19.1 57.1

148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 54.567 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

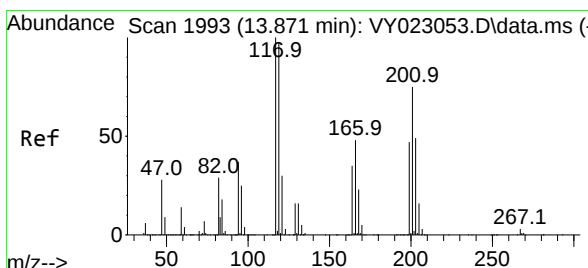
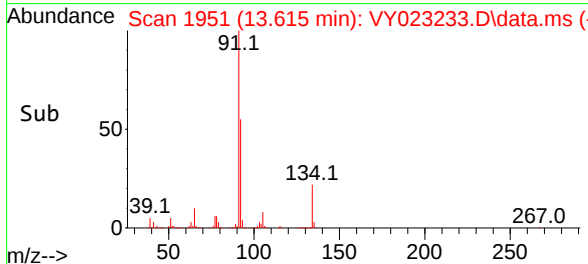
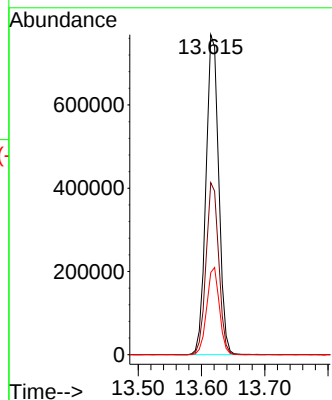
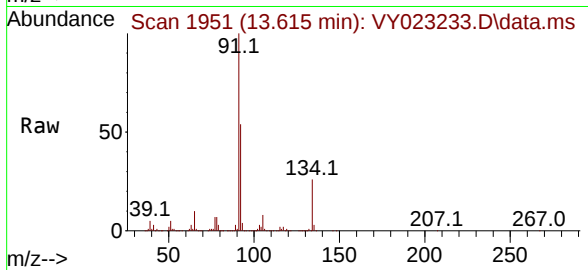
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1081130

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.9	13.2	39.5



#90

Hexachloroethane

Concen: 55.428 ug/l

RT: 13.877 min Scan# 1994

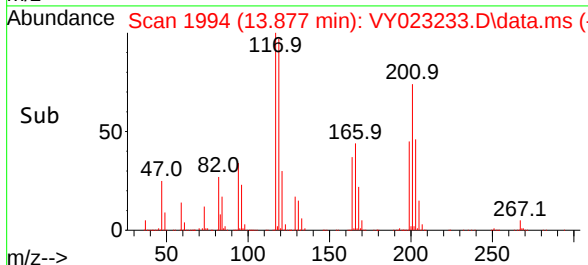
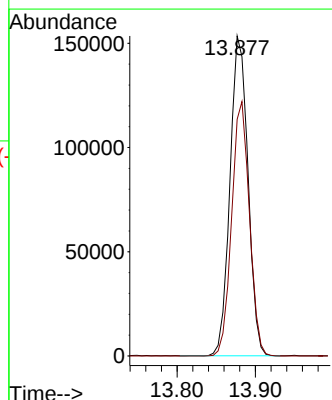
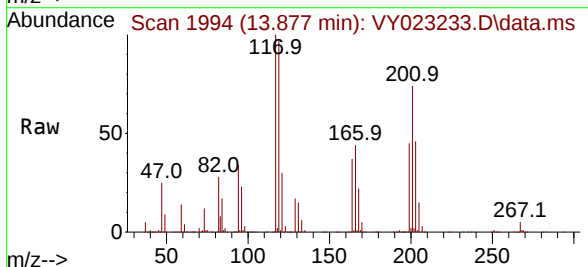
Delta R.T. 0.006 min

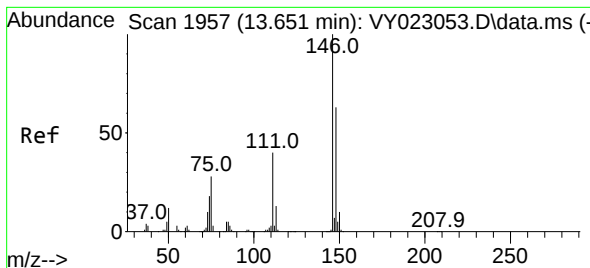
Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Tgt Ion: 117 Resp: 244772

Ion	Ratio	Lower	Upper
117	100		
201	78.3	38.4	115.1





#91

1,2-Dichlorobenzene

Concen: 54.215 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

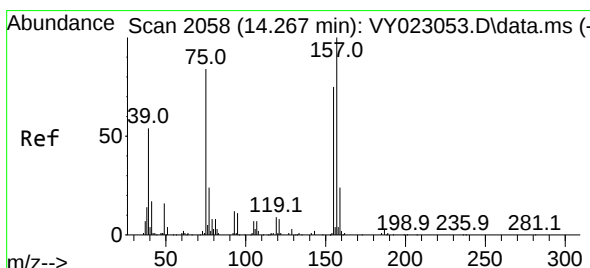
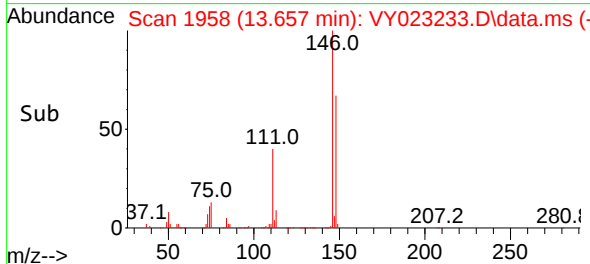
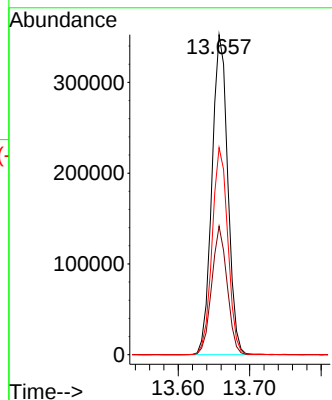
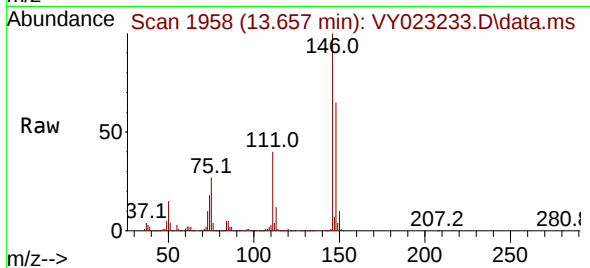
Tgt Ion:146 Resp: 542169

Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.8

148 64.3 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.974 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

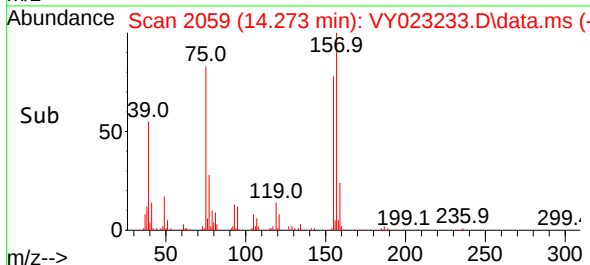
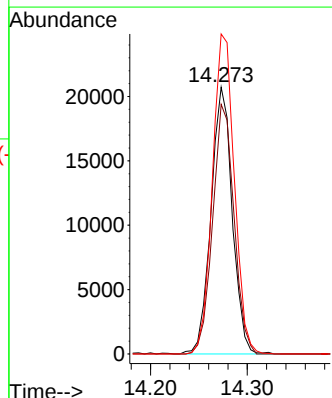
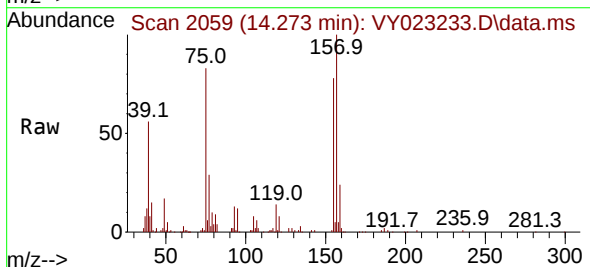
Tgt Ion: 75 Resp: 31556

Ion Ratio Lower Upper

75 100

155 94.0 43.9 131.6

157 123.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 53.341 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

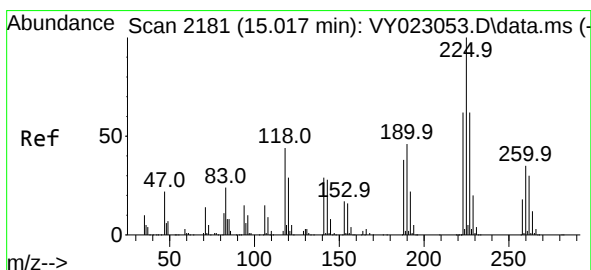
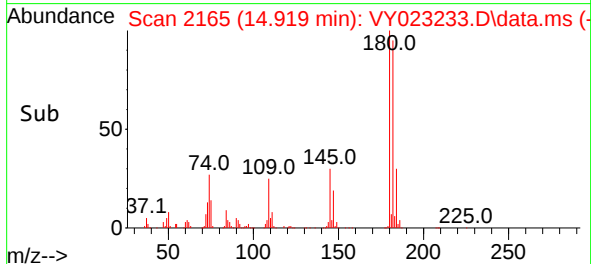
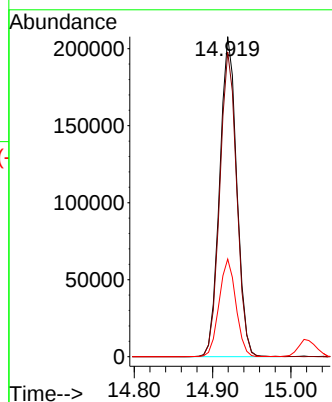
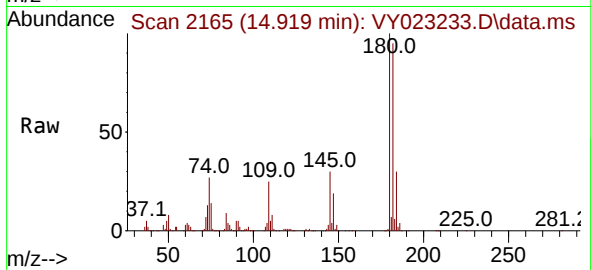
Tgt Ion:180 Resp: 315444

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.4

145 30.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 54.582 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

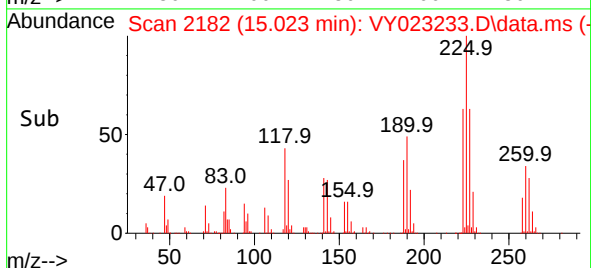
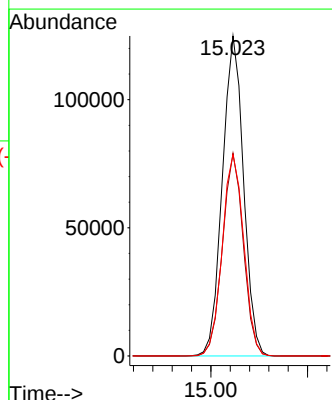
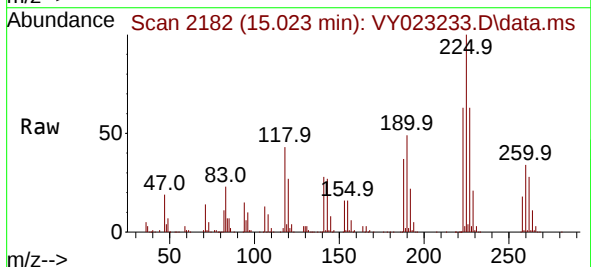
Tgt Ion:225 Resp: 189677

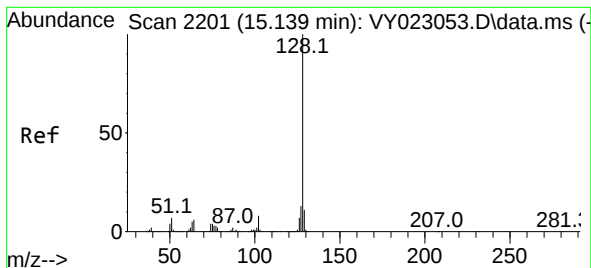
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 64.1 31.5 94.5





#95

Naphthalene

Concen: 52.291 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

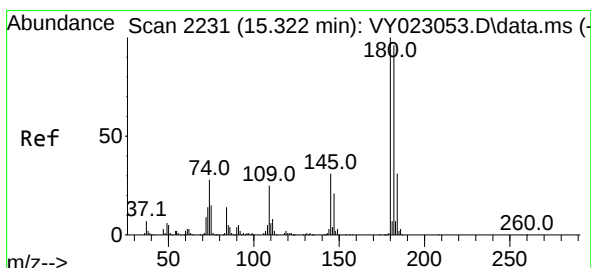
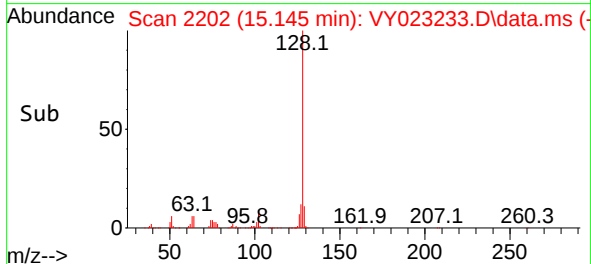
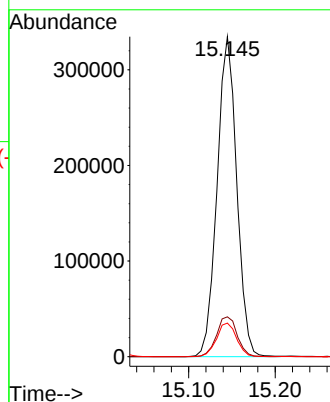
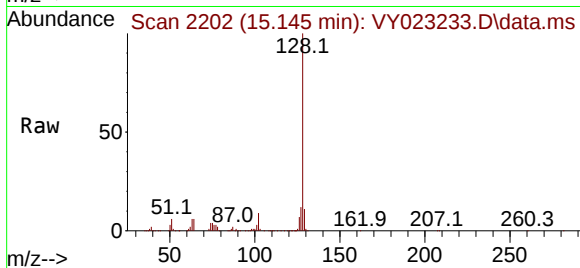
Tgt Ion:128 Resp: 527305

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 52.980 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023233.D

Acq: 29 Aug 2025 09:03

Tgt Ion:180 Resp: 269978

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 31.2 15.9 47.7

