

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023059.D
 Acq On : 13 Aug 2025 09:37
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 14 01:19:16 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	7.701	168	535817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	845865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	741859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	361154	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	254983	49.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.628	113	254219	50.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.103	98	1014903	51.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.401	95	318073	50.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	179347	41.006	ug/l	97
3) Chloromethane	2.068	50	331973	46.863	ug/l	99
4) Vinyl Chloride	2.202	62	422026	48.195	ug/l	99
5) Bromomethane	2.592	94	308334	47.148	ug/l	97
6) Chloroethane	2.732	64	286888	49.279	ug/l	100
7) Trichlorofluoromethane	3.049	101	505891	47.512	ug/l	98
8) Diethyl Ether	3.452	74	128306	45.547	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	249222	47.444	ug/l	99
10) Methyl Iodide	3.994	142	285188	50.312	ug/l	99
11) Tert butyl alcohol	4.860	59	73451	209.916	ug/l	100
12) 1,1-Dichloroethene	3.781	96	245840	47.613	ug/l	99
13) Acrolein	3.647	56	106236	207.313	ug/l	98
14) Allyl chloride	4.378	41	367684	48.395	ug/l	99
15) Acrylonitrile	5.049	53	258896	226.059	ug/l	99
16) Acetone	3.866	43	280197	253.265	ug/l	97
17) Carbon Disulfide	4.098	76	802293	47.654	ug/l	100
18) Methyl Acetate	4.378	43	137365	41.723	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	620651	46.387	ug/l	99
20) Methylene Chloride	4.610	84	277983	48.260	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	281759	48.558	ug/l	99
22) Diisopropyl ether	6.018	45	804095	48.705	ug/l	98
23) Vinyl Acetate	5.951	43	2205285	241.571	ug/l	99
24) 1,1-Dichloroethane	5.909	63	489342	48.480	ug/l	99
25) 2-Butanone	6.890	43	345112	229.361	ug/l	99
26) 2,2-Dichloropropane	6.878	77	435291	49.978	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	319779	47.671	ug/l	98
28) Bromochloromethane	7.238	49	197112	49.222	ug/l	98
29) Tetrahydrofuran	7.256	42	209787	224.929	ug/l	99
30) Chloroform	7.414	83	499613	47.994	ug/l	98
31) Cyclohexane	7.695	56	440040	46.262	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	450437	48.765	ug/l	99
36) 1,1-Dichloropropene	7.829	75	365059	48.533	ug/l	99
37) Ethyl Acetate	6.976	43	143345	45.366	ug/l	98
38) Carbon Tetrachloride	7.817	117	399023	48.841	ug/l	97
39) Methylcyclohexane	9.103	83	486544	49.119	ug/l	98
40) Benzene	8.079	78	1128264	48.666	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	82958	45.492	ug/l	97
42) 1,2-Dichloroethane	8.152	62	287233	47.637	ug/l	99
43) Isopropyl Acetate	8.195	43	294919	46.179	ug/l #	85
44) Trichloroethene	8.859	130	290876	48.551	ug/l	98
45) 1,2-Dichloropropane	9.140	63	259199	48.591	ug/l	98
46) Dibromomethane	9.225	93	147784	48.268	ug/l	96
47) Bromodichloromethane	9.420	83	380333	48.276	ug/l	99
48) Methyl methacrylate	9.219	41	139803	45.747	ug/l	97
49) 1,4-Dioxane	9.225	88	32506	905.464	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	766289	232.613	ug/l	100
52) Toluene	10.170	92	730616	49.619	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	346881	48.623	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	410557	48.667	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	189812	46.330	ug/l	95
56) Ethyl methacrylate	10.438	69	252654	48.194	ug/l	99
57) 1,3-Dichloropropane	10.713	76	328997	47.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	609788	246.593	ug/l	99
59) 2-Hexanone	10.755	43	545617	243.235	ug/l	98
60) Dibromochloromethane	10.908	129	253556	46.904	ug/l	99
61) 1,2-Dibromoethane	11.011	107	180061	46.761	ug/l	99
64) Tetrachloroethene	10.646	164	331676	50.070	ug/l	97
65) Chlorobenzene	11.438	112	773624	48.346	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	261298	48.113	ug/l	99
67) Ethyl Benzene	11.517	91	1376524	49.987	ug/l	99
68) m/p-Xylenes	11.627	106	1075458	99.994	ug/l	99
69) o-Xylene	11.950	106	505296	50.162	ug/l	99
70) Styrene	11.969	104	833474	50.595	ug/l	100
71) Bromoform	12.127	173	144602	45.557	ug/l	100
73) Isopropylbenzene	12.249	105	1308324	51.327	ug/l	100
74) N-amyl acetate	12.066	43	269858	49.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	199792	45.905	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	279690	80.243	ug/l #	100
77) Bromobenzene	12.529	156	296723	48.794	ug/l	98
78) n-propylbenzene	12.590	91	1579912	52.061	ug/l	100
79) 2-Chlorotoluene	12.676	91	881616	50.703	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1062229	51.563	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	69624	48.354	ug/l	98
82) 4-Chlorotoluene	12.773	91	913772	50.659	ug/l	100
83) tert-Butylbenzene	12.993	119	950248	51.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	1060687	51.723	ug/l	100
85) sec-Butylbenzene	13.170	105	1414361	51.748	ug/l	100
86) p-Isopropyltoluene	13.285	119	1182656	52.130	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	598001	49.866	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	582375	48.956	ug/l	100
89) n-Butylbenzene	13.615	91	1098867	52.737	ug/l	99
90) Hexachloroethane	13.877	117	234252	50.439	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	509973	48.490	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32155	47.451	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	300082	48.250	ug/l	99
94) Hexachlorobutadiene	15.017	225	175599	48.048	ug/l	99
95) Naphthalene	15.139	128	502833	47.413	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	252008	47.023	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

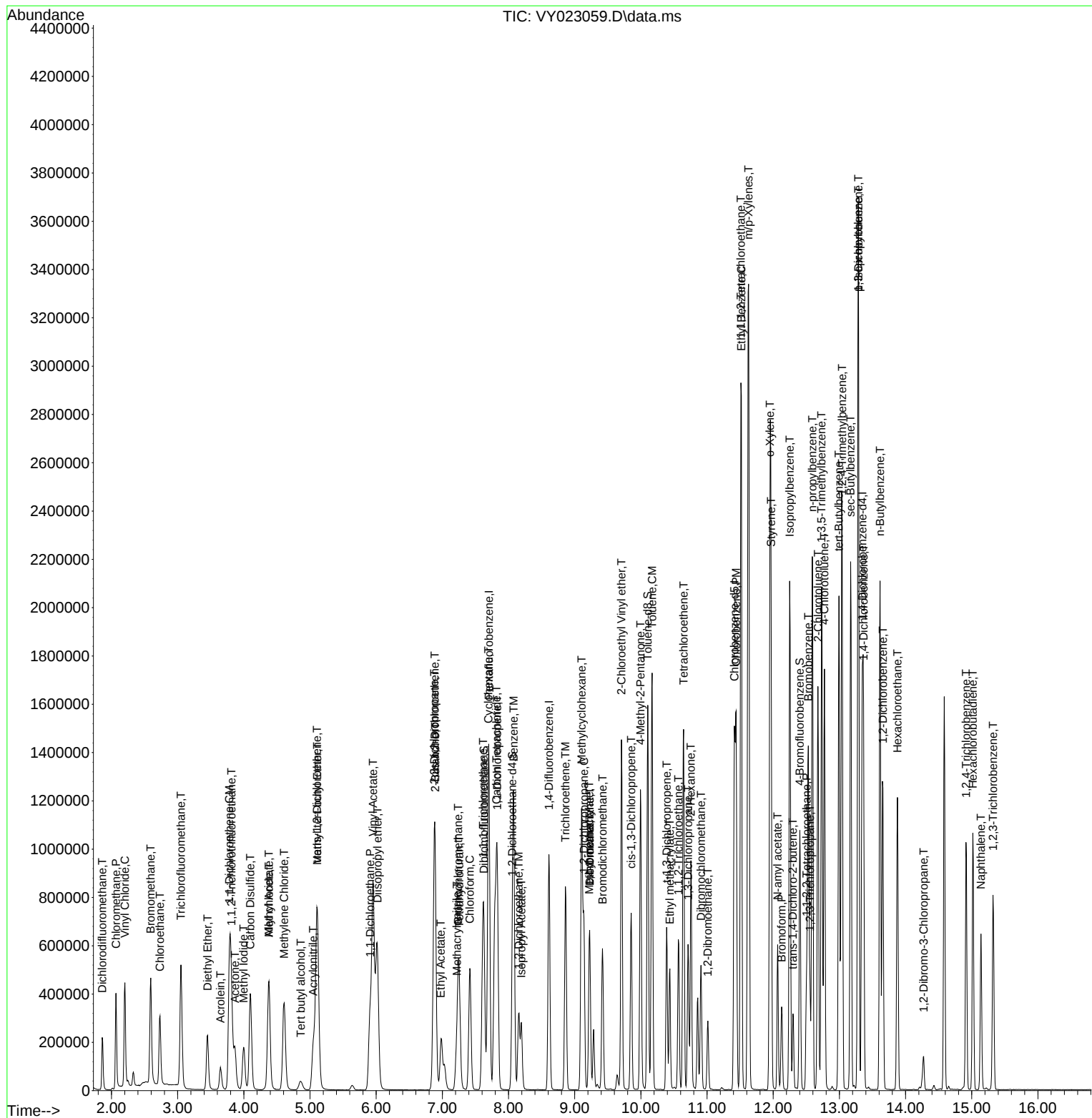
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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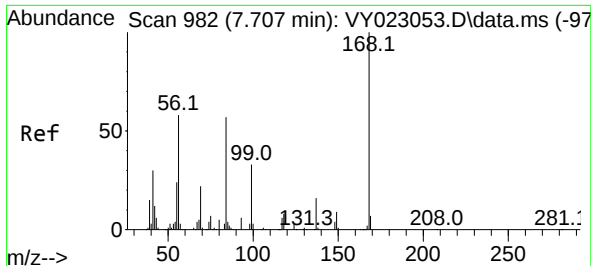
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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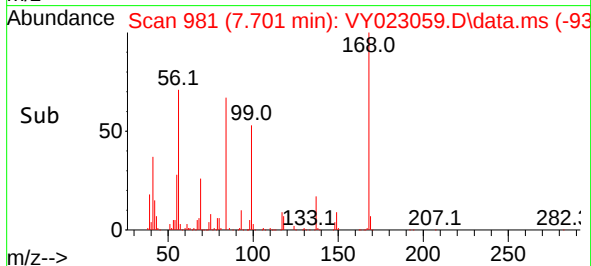
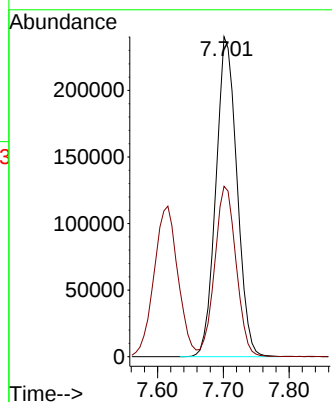
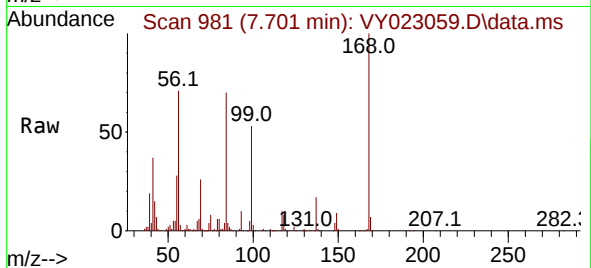




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

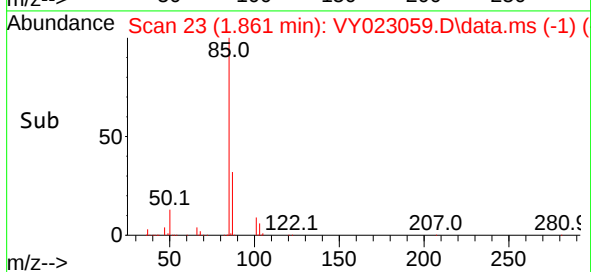
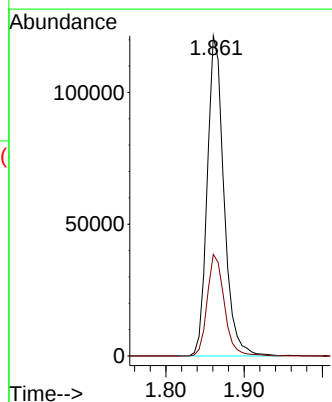
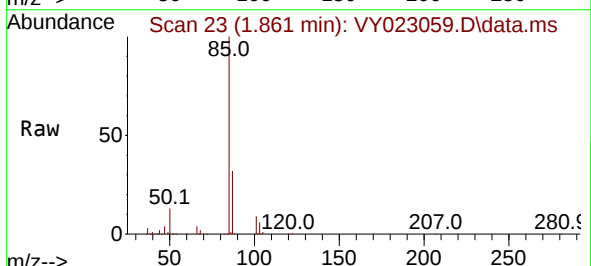
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 535817
Ion Ratio Lower Upper
168 100
99 53.2 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.006 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 85 Resp: 179347
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8

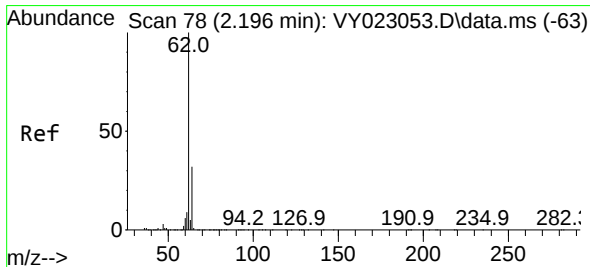
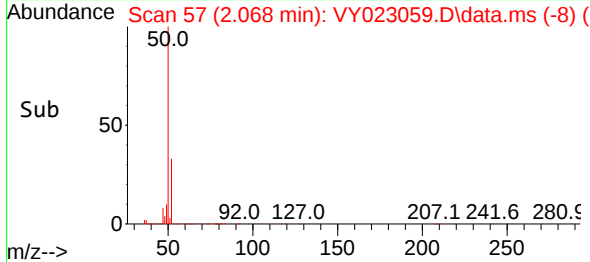
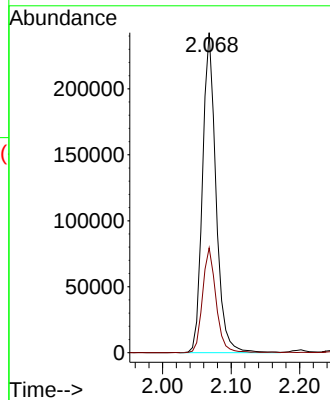
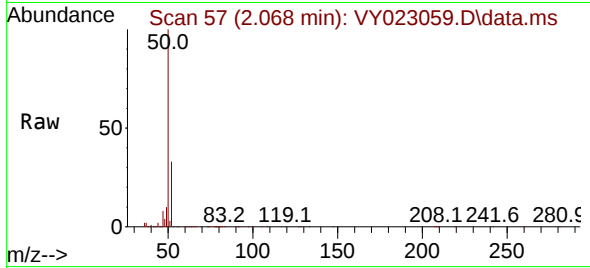




#3
Chloromethane
Concen: 46.863 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

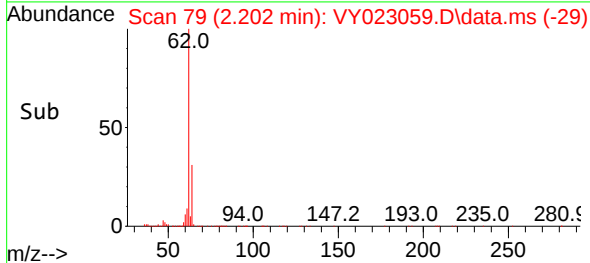
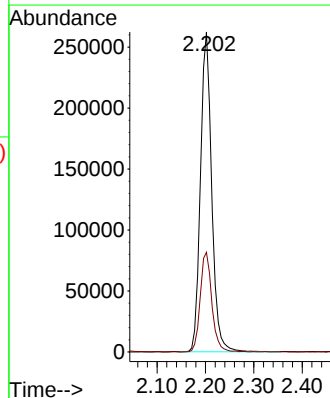
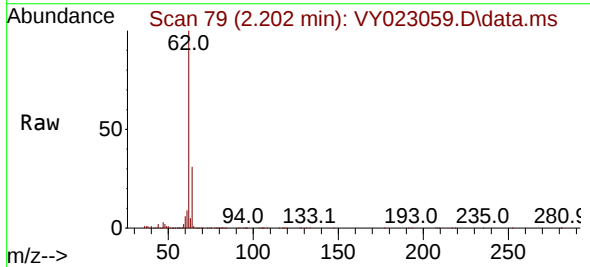
Instrument :
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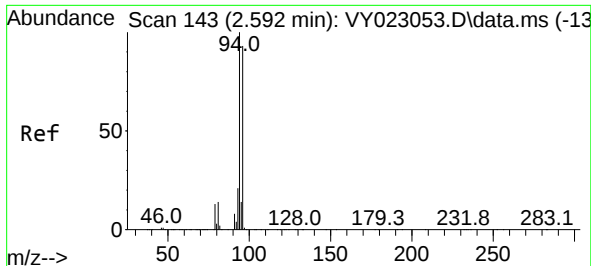
Tgt Ion: 50 Resp: 331973
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 48.195 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 62 Resp: 422026
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

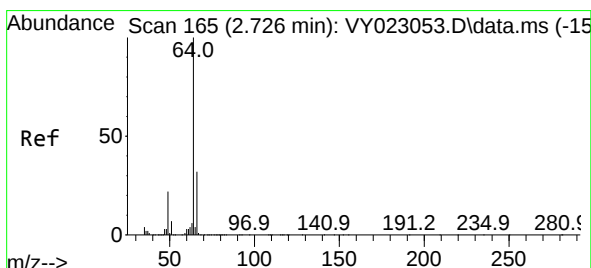
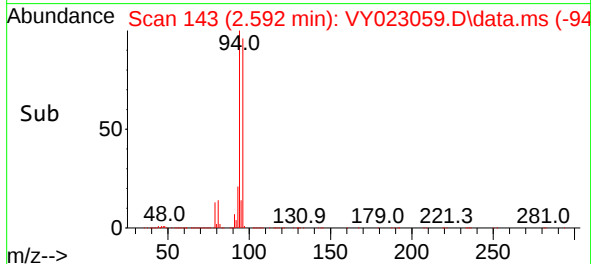
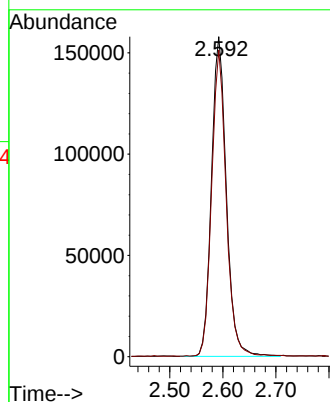
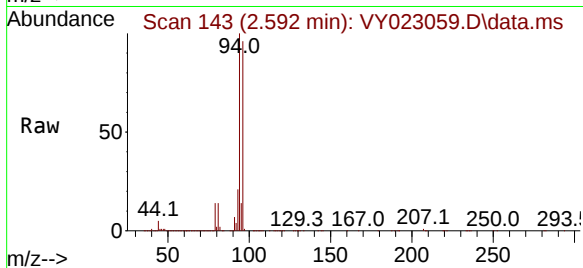




#5
Bromomethane
Concen: 47.148 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

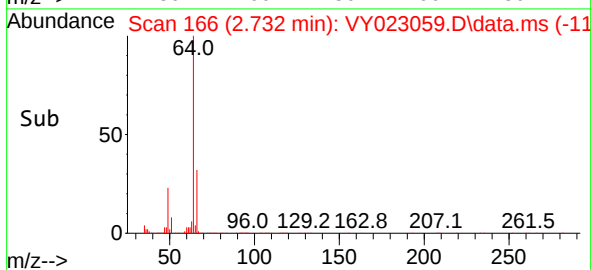
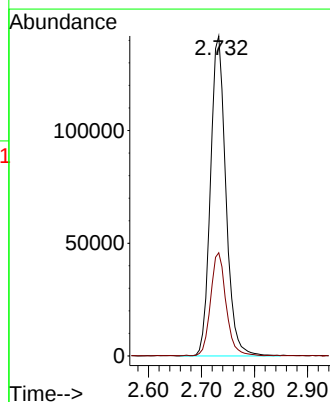
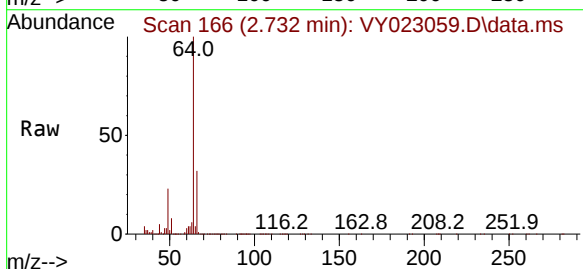
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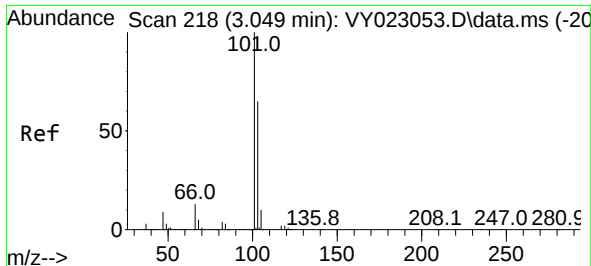
Tgt Ion: 94 Resp: 308334
Ion Ratio Lower Upper
94 100
96 95.8 74.6 112.0



#6
Chloroethane
Concen: 49.279 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 64 Resp: 286888
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

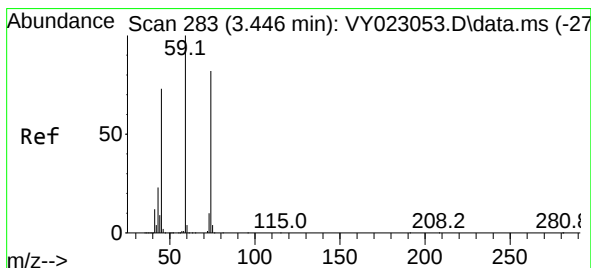
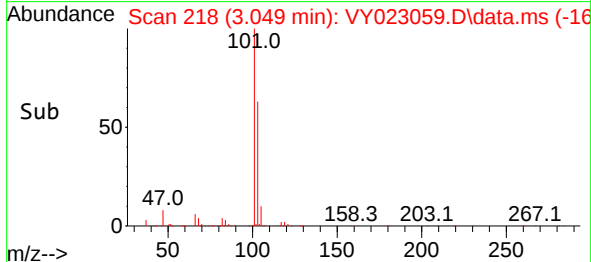
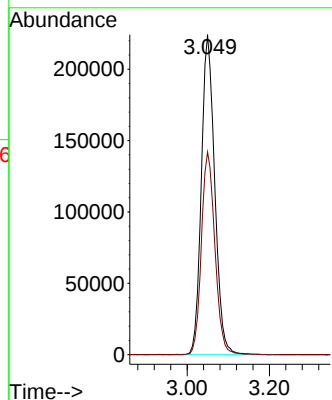
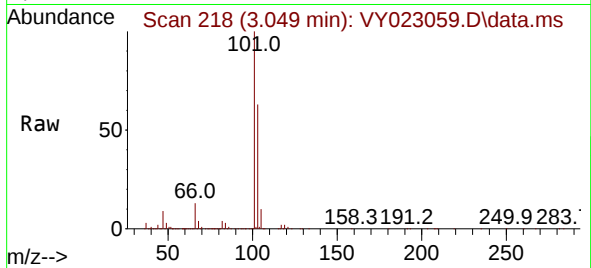




#7
Trichlorofluoromethane
Concen: 47.512 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

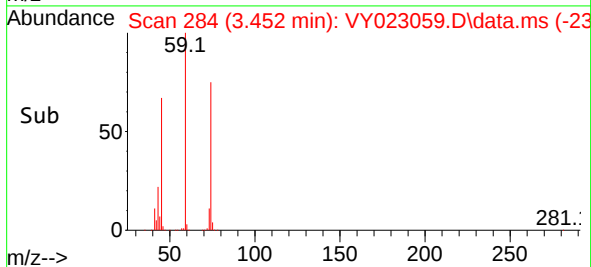
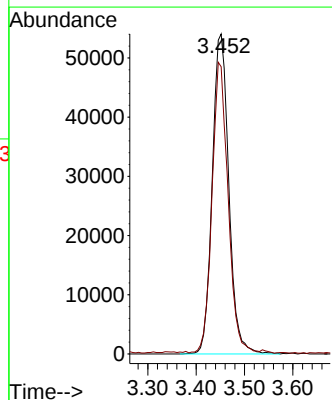
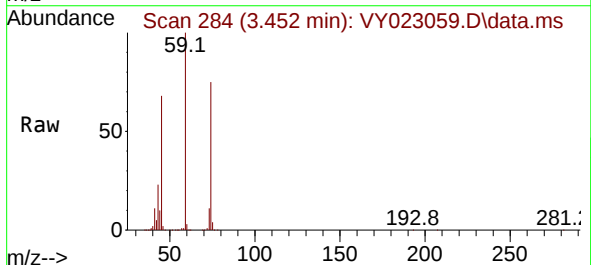
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

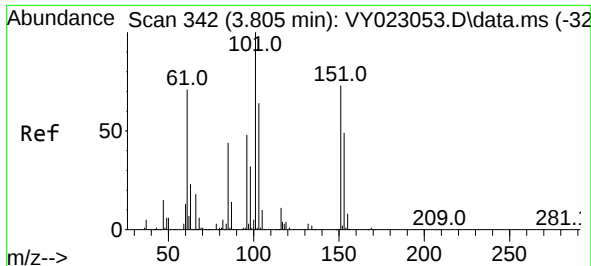
Tgt Ion:101 Resp: 505891
Ion Ratio Lower Upper
101 100
103 63.3 51.9 77.9



#8
Diethyl Ether
Concen: 45.547 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 74 Resp: 128306
Ion Ratio Lower Upper
74 100
45 88.1 44.4 133.2

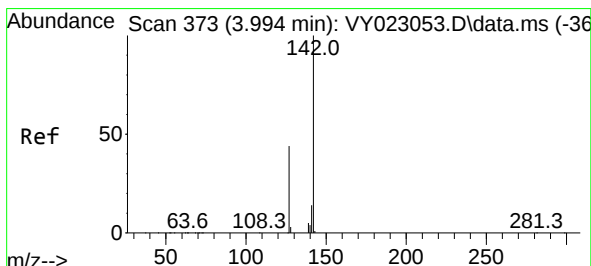
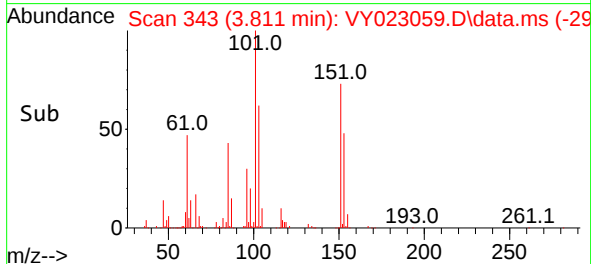
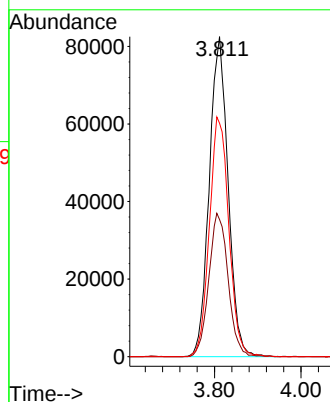
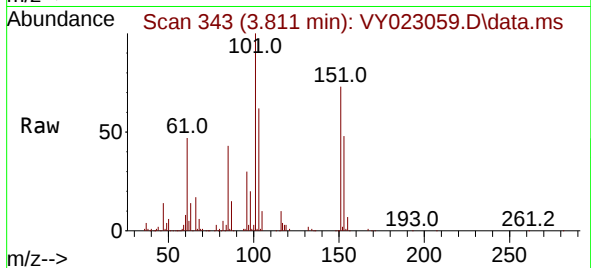




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.444 ug/l
RT: 3.811 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

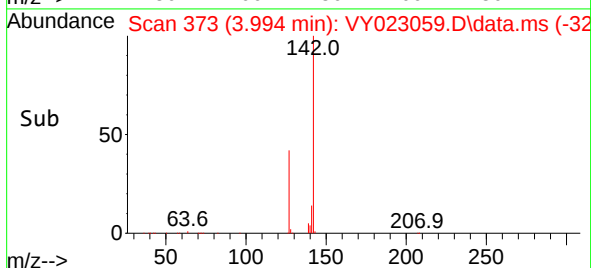
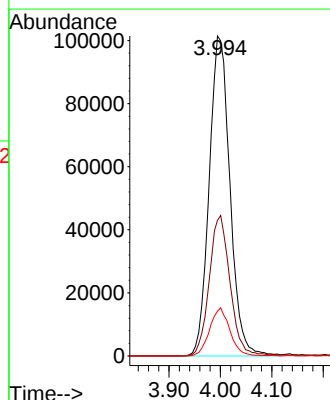
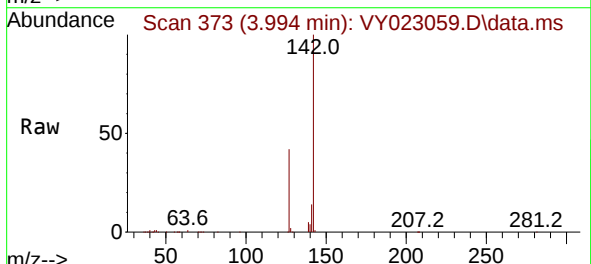
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 249222
Ion Ratio Lower Upper
101 100
85 45.9 36.3 54.5
151 77.3 61.5 92.3



#10
Methyl Iodide
Concen: 50.312 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:142 Resp: 285188
Ion Ratio Lower Upper
142 100
127 43.9 34.9 52.3
141 14.7 11.3 16.9

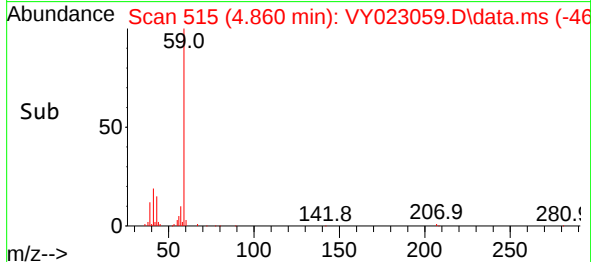
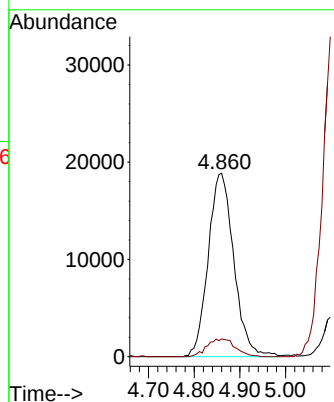
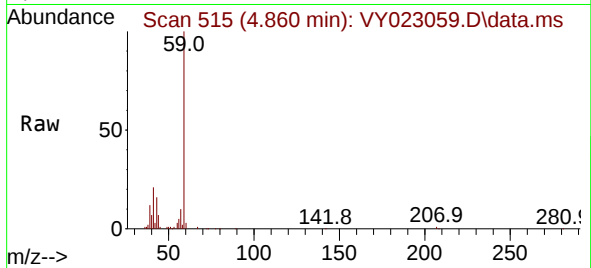




#11
Tert butyl alcohol
Concen: 209.916 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

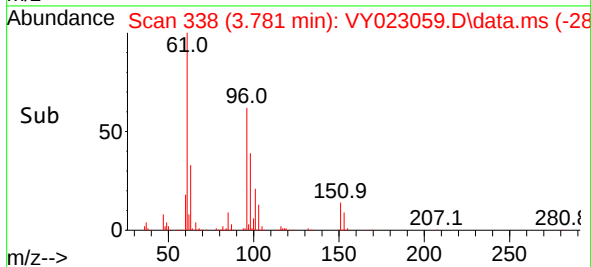
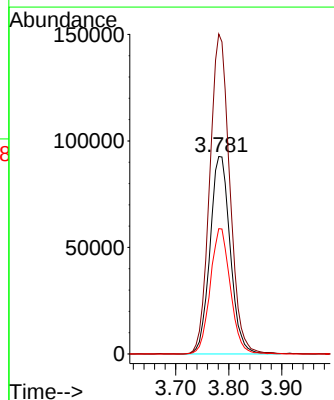
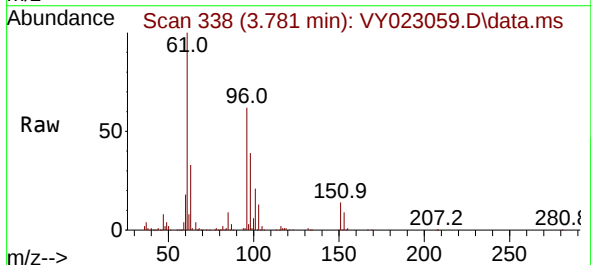
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

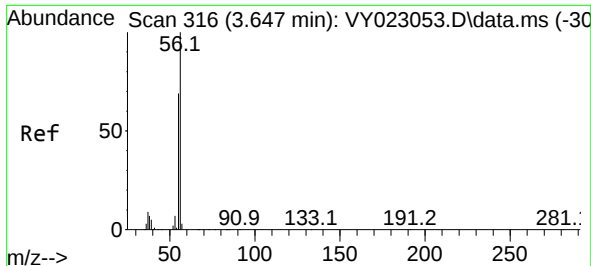
Tgt Ion: 59 Resp: 73451
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 47.613 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 96 Resp: 245840
Ion Ratio Lower Upper
96 100
61 162.1 129.4 194.2
98 63.4 52.8 79.2

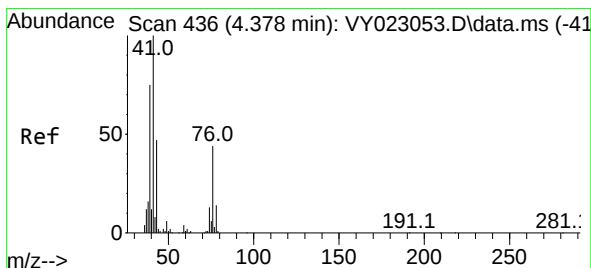
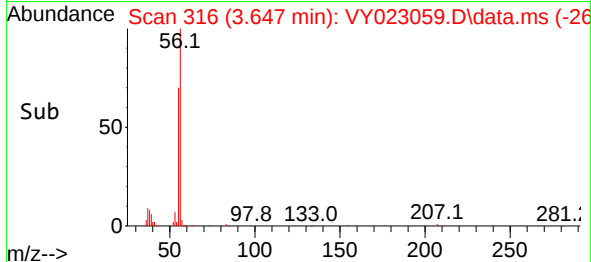
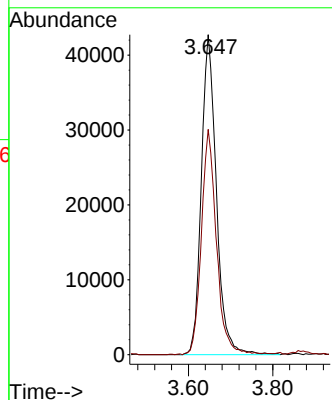
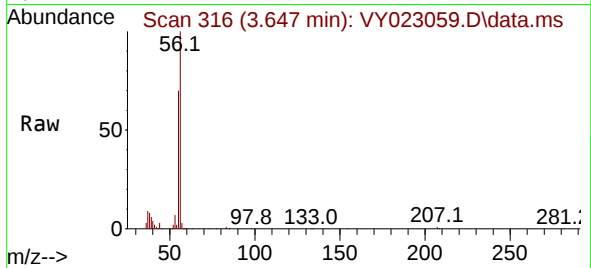




#13
Acrolein
Concen: 207.313 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

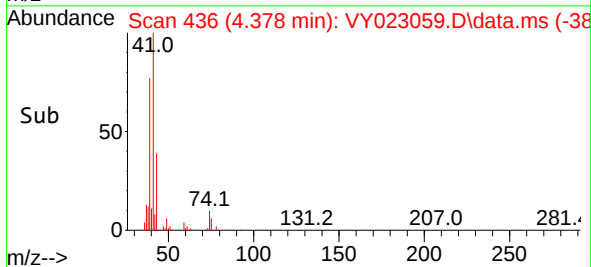
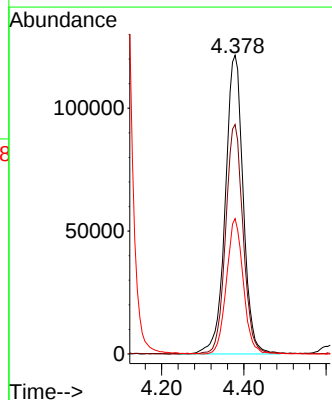
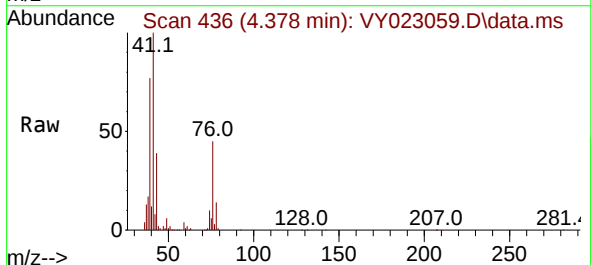
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

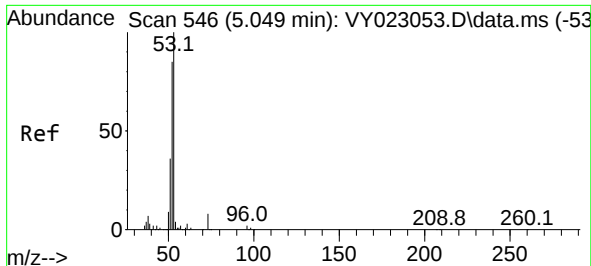
Tgt Ion: 56 Resp: 106236
Ion Ratio Lower Upper
56 100
55 70.6 55.2 82.8



#14
Allyl chloride
Concen: 48.395 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 41 Resp: 367684
Ion Ratio Lower Upper
41 100
39 75.0 59.8 89.6
76 42.6 33.7 50.5

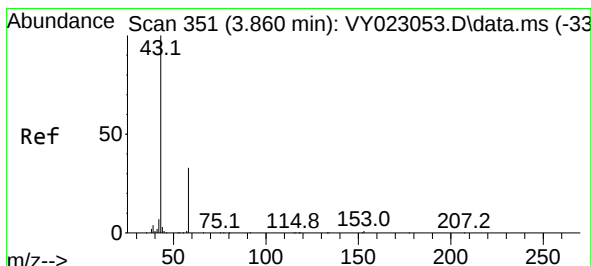
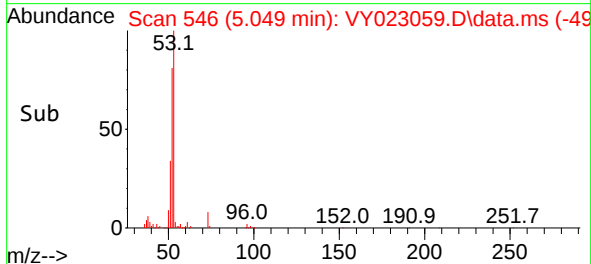
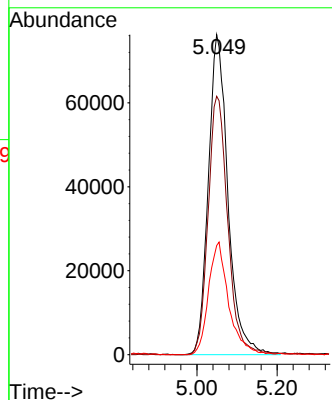
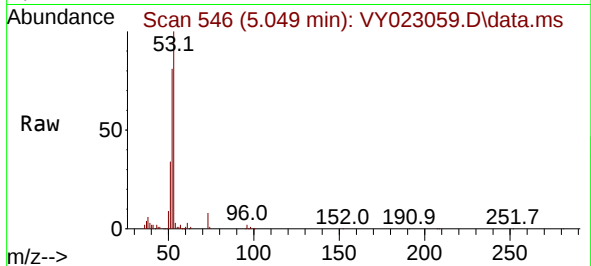




#15
Acrylonitrile
Concen: 226.059 ug/l
RT: 5.049 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

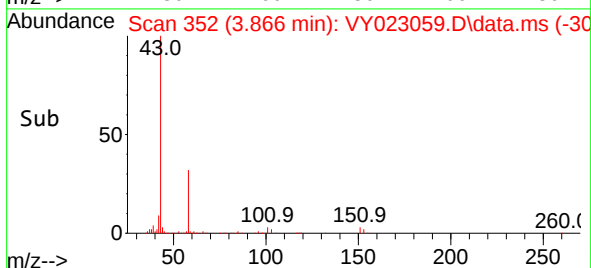
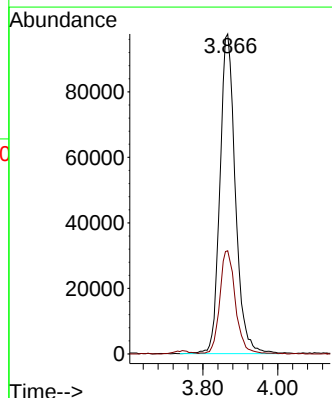
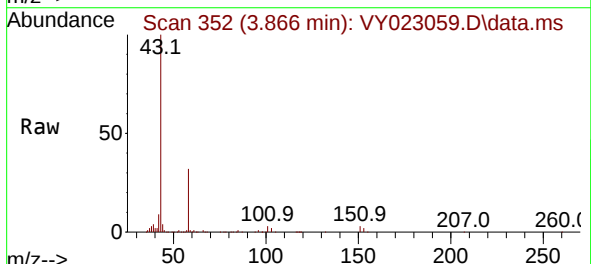
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

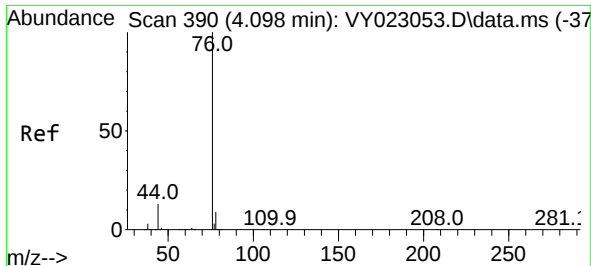
Tgt Ion: 53 Resp: 258896
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.3 29.5 44.3



#16
Acetone
Concen: 253.265 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 43 Resp: 280197
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7

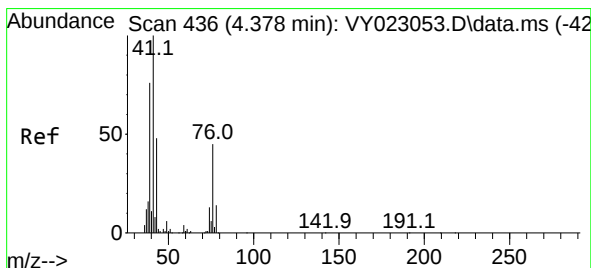
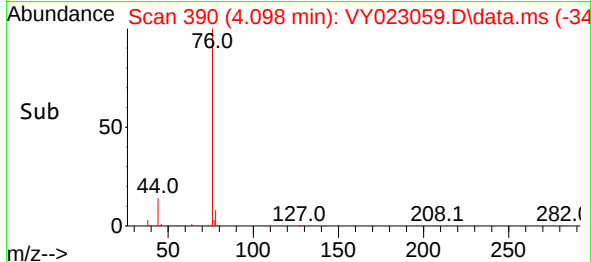
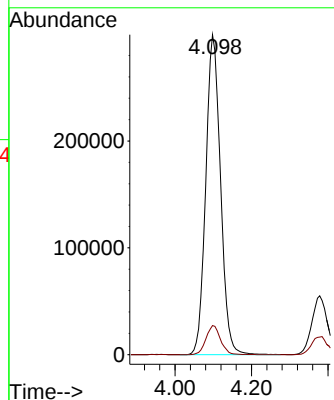
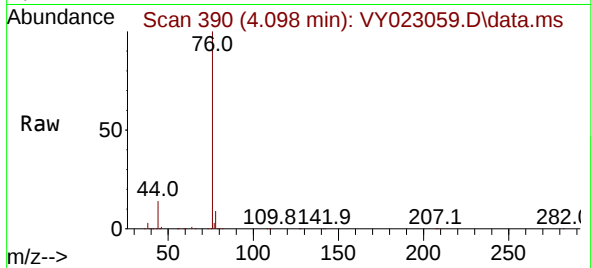




#17
Carbon Disulfide
Concen: 47.654 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

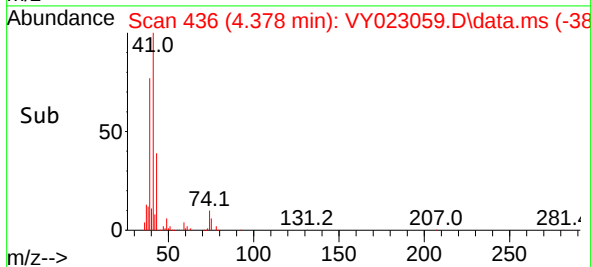
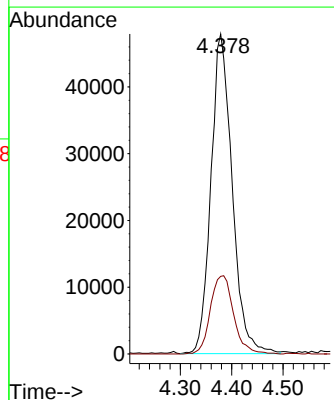
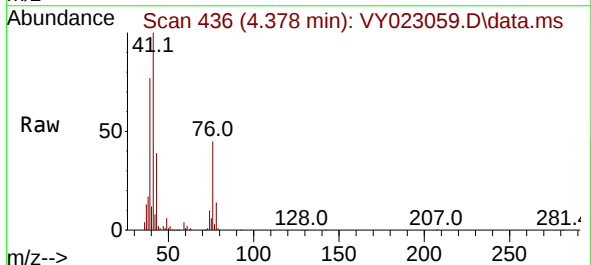
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 802293
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 41.723 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 43 Resp: 137365
Ion Ratio Lower Upper
43 100
74 26.7 21.2 31.8

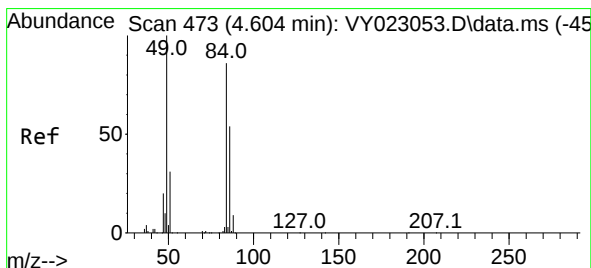
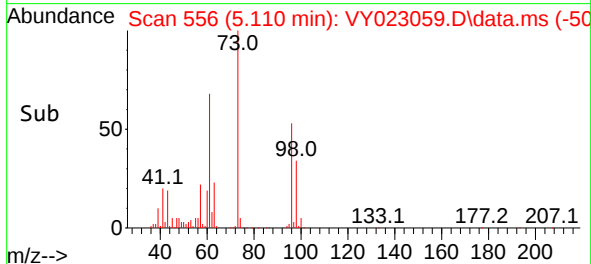
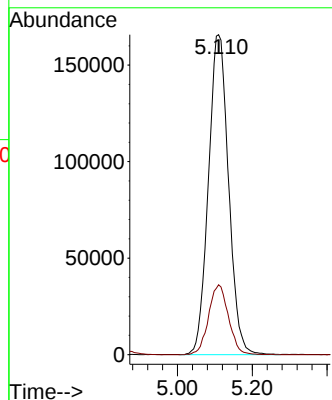
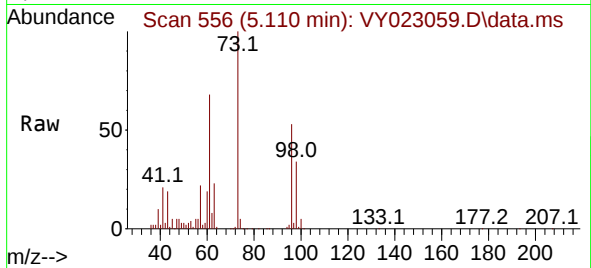




#19
Methyl tert-butyl Ether
Concen: 46.387 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

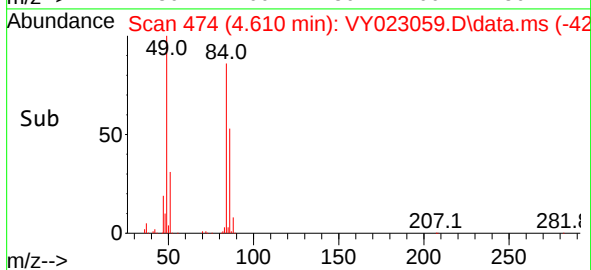
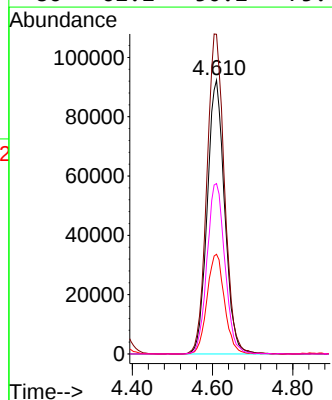
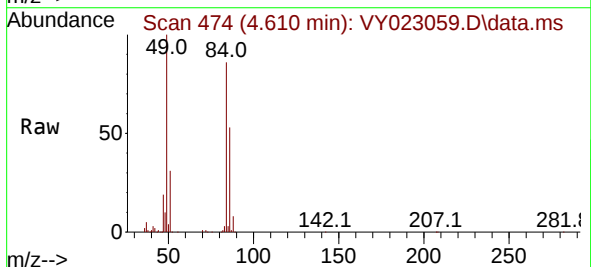
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

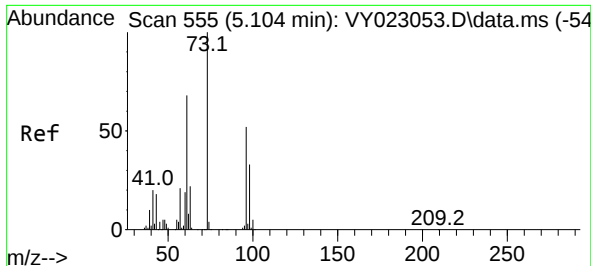
Tgt Ion: 73 Resp: 620651
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 48.260 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 84 Resp: 277983
Ion Ratio Lower Upper
84 100
49 116.8 93.0 139.6
51 36.4 29.0 43.4
86 62.2 50.2 75.4

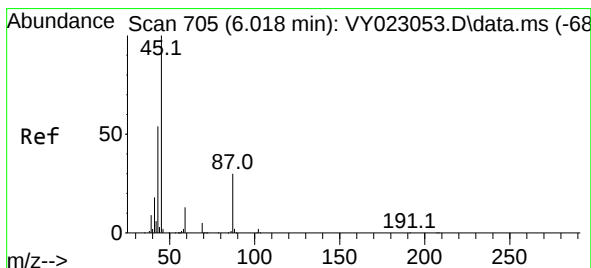
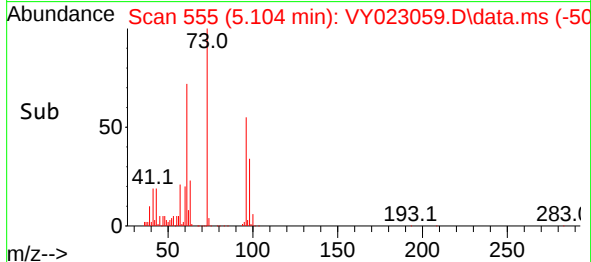
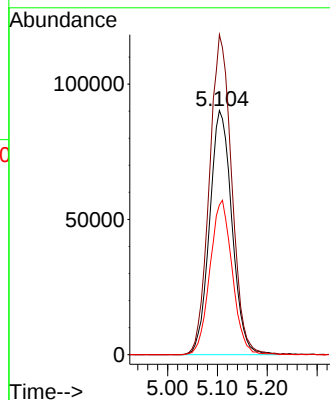
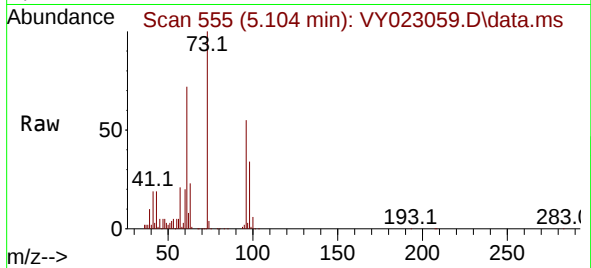




#21
trans-1,2-Dichloroethene
Concen: 48.558 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

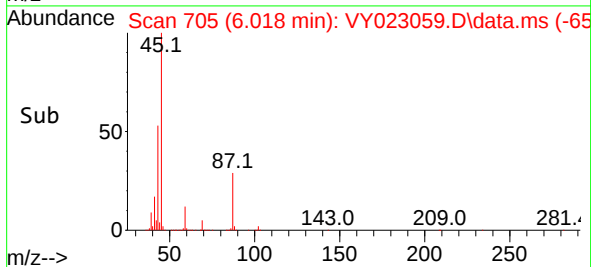
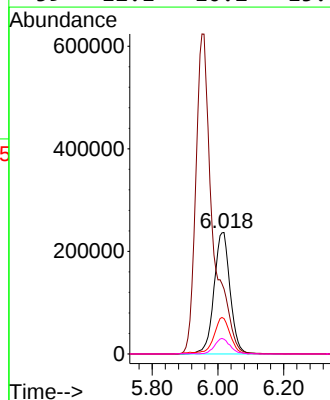
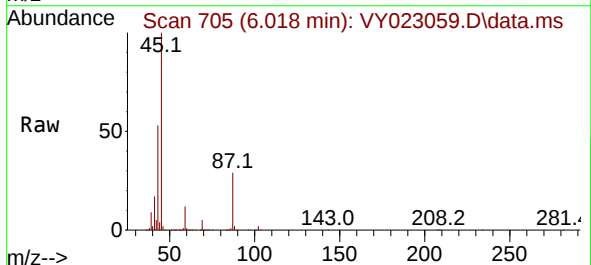
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 281759
Ion Ratio Lower Upper
96 100
61 131.1 104.8 157.2
98 61.4 50.1 75.1



#22
Diisopropyl ether
Concen: 48.705 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 45 Resp: 804095
Ion Ratio Lower Upper
45 100
43 53.2 43.4 65.0
87 29.2 24.4 36.6
59 12.1 10.2 15.4

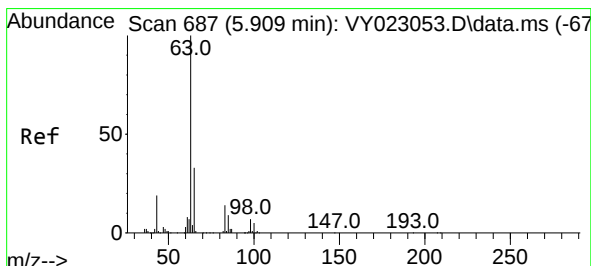
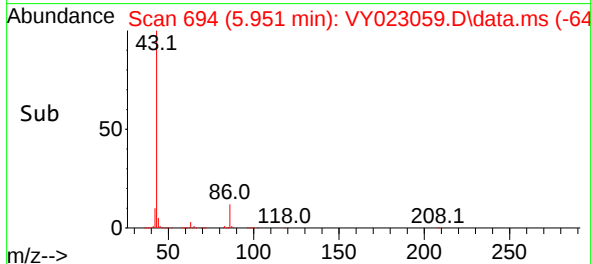
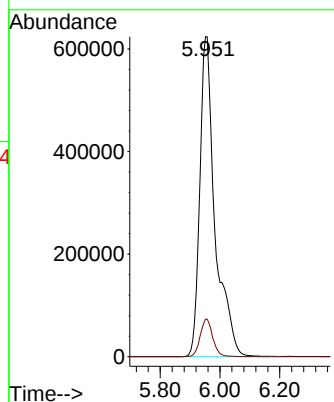
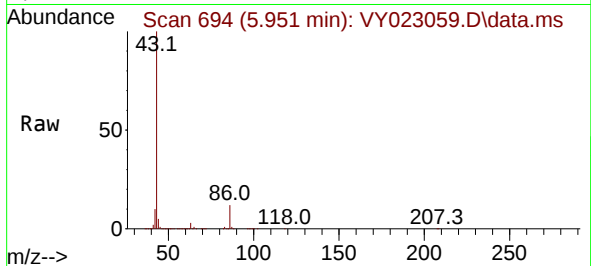




#23
 Vinyl Acetate
 Concen: 241.571 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

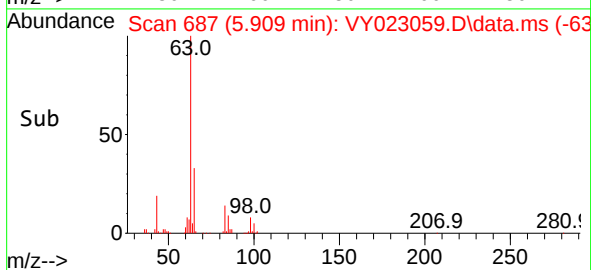
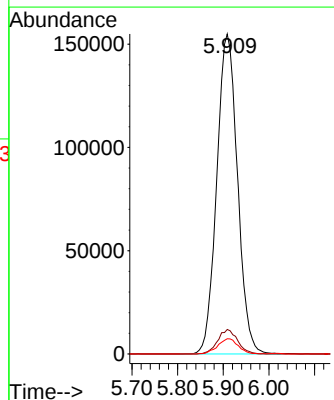
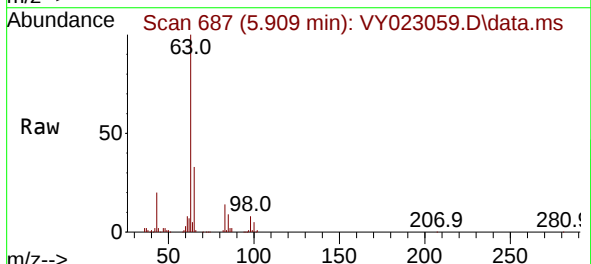
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

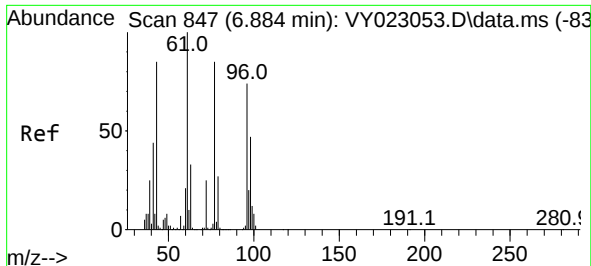
Tgt Ion: 43 Resp: 2205285
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.480 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

Tgt Ion: 63 Resp: 489342
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 229.361 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

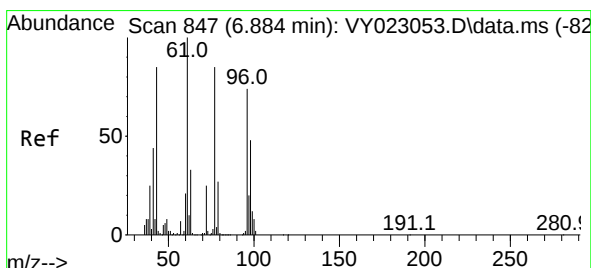
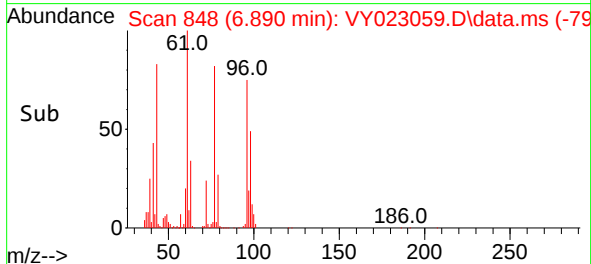
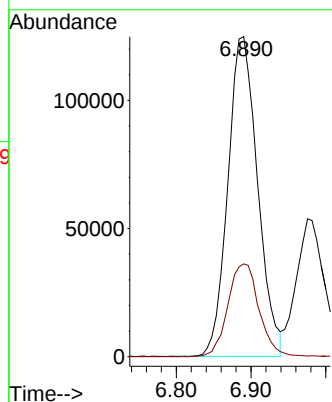
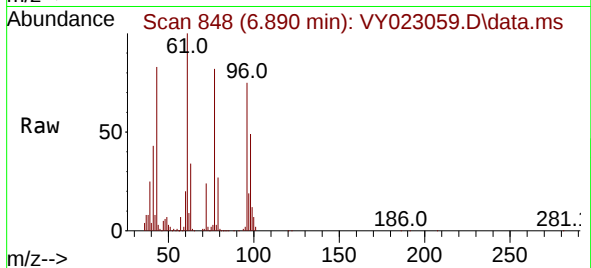
VSTDCCC050

Tgt Ion: 43 Resp: 345112

Ion Ratio Lower Upper

43 100

72 29.0 23.5 35.3



#26

2,2-Dichloropropane

Concen: 49.978 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY023059.D

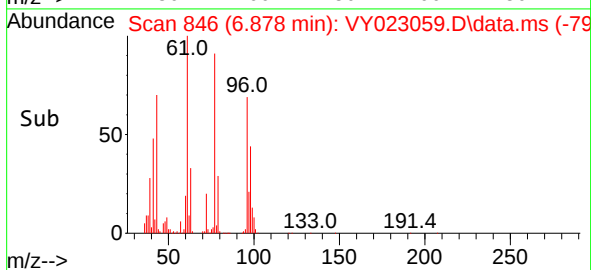
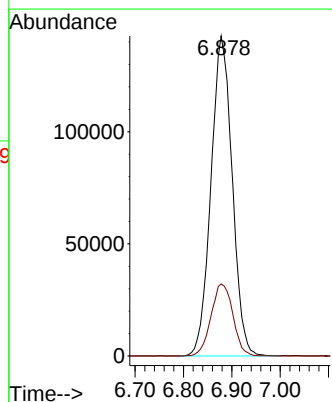
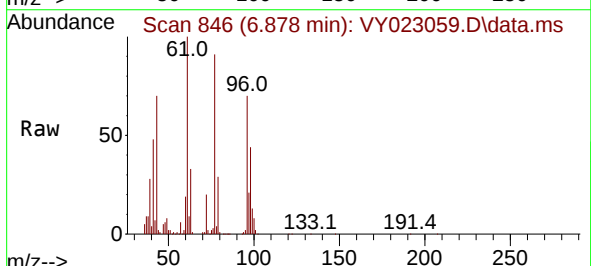
Acq: 13 Aug 2025 09:37

Tgt Ion: 77 Resp: 435291

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.671 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

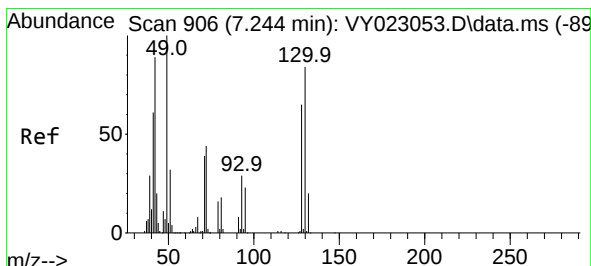
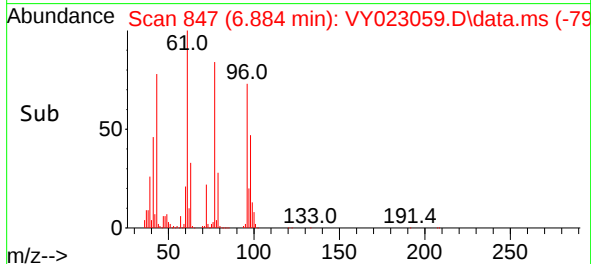
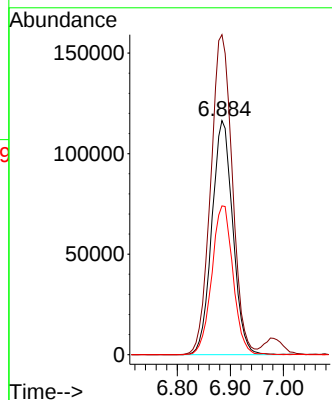
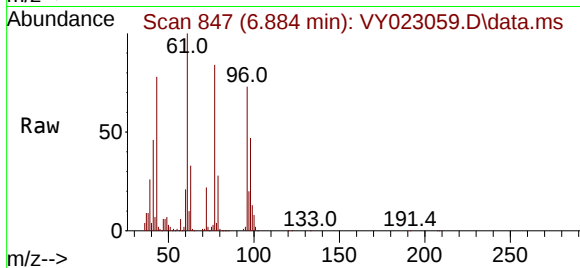
Tgt Ion: 96 Resp: 319779

Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.6

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 49.222 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

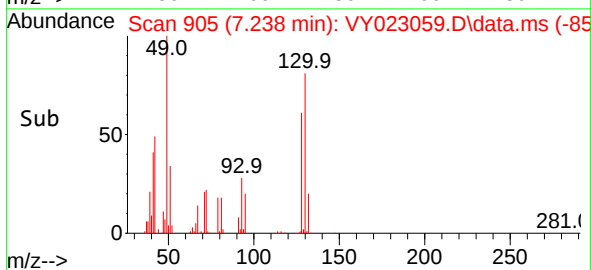
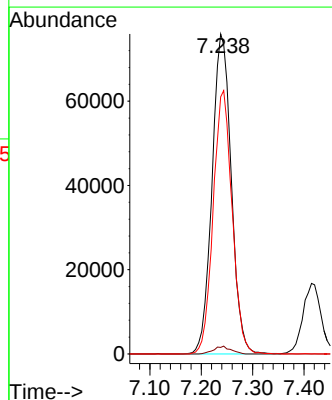
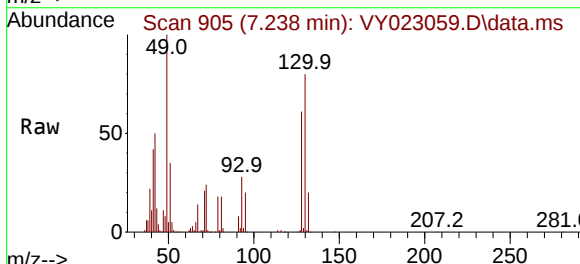
Tgt Ion: 49 Resp: 197112

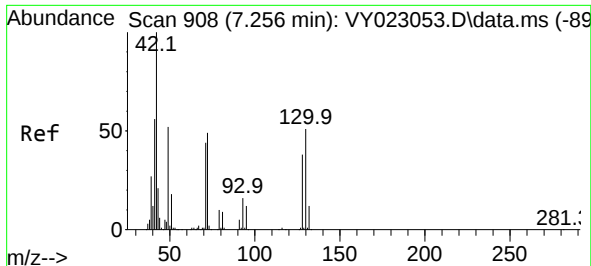
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 80.9 66.4 99.6

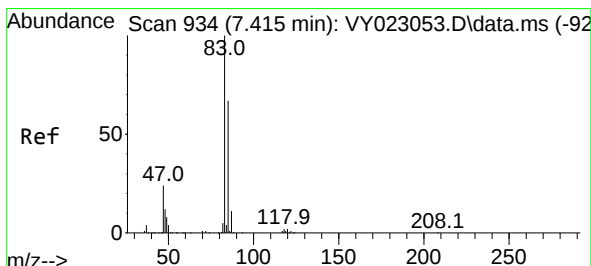
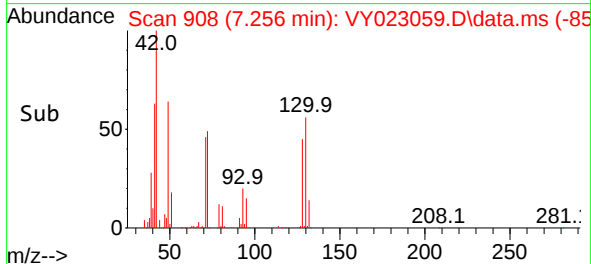
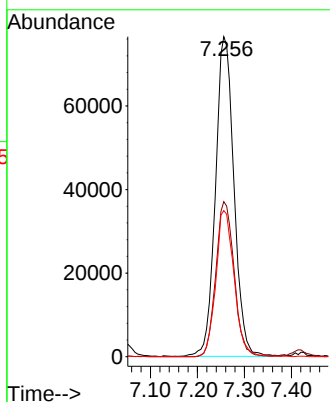
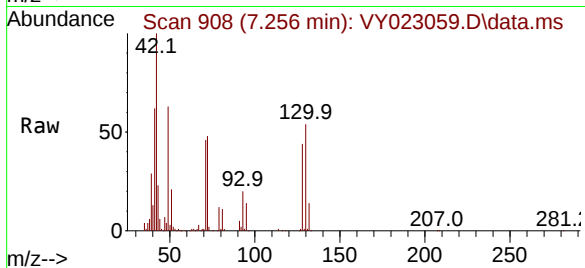




#29
Tetrahydrofuran
Concen: 224.929 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

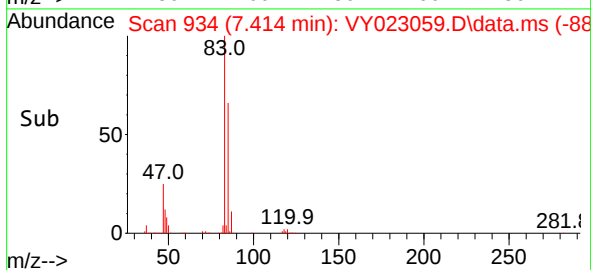
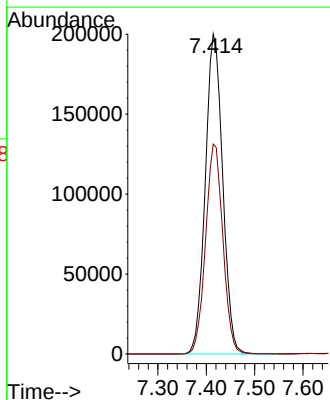
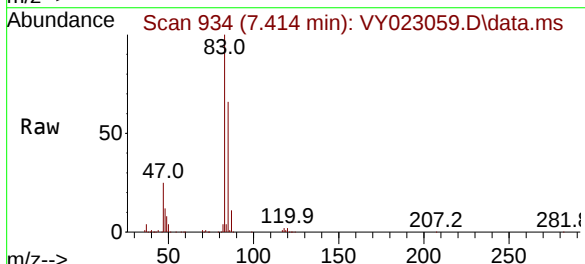
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

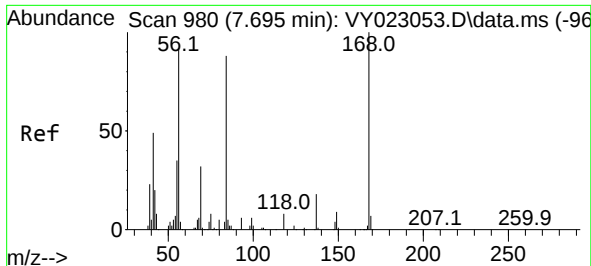
Tgt Ion: 42 Resp: 209787
Ion Ratio Lower Upper
42 100
72 48.0 39.4 59.2
71 45.1 36.5 54.7



#30
Chloroform
Concen: 47.994 ug/l
RT: 7.414 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 83 Resp: 499613
Ion Ratio Lower Upper
83 100
85 65.6 53.8 80.8

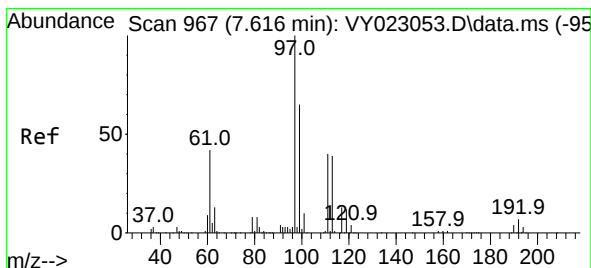
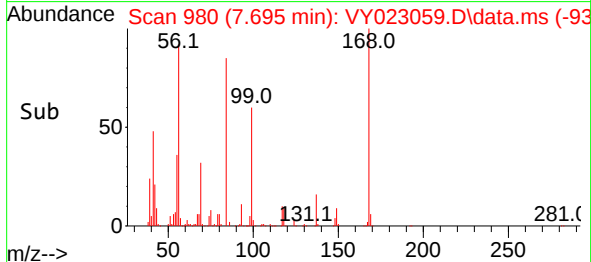
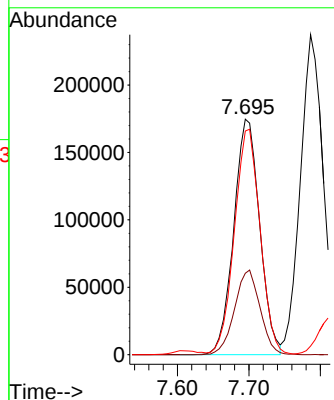
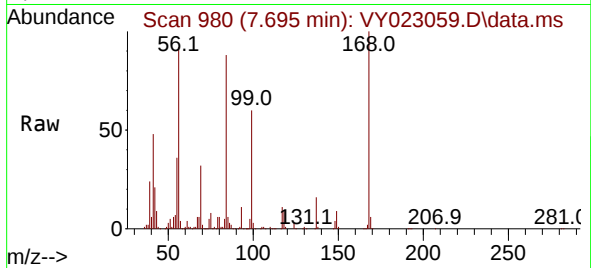




#31
Cyclohexane
Concen: 46.262 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

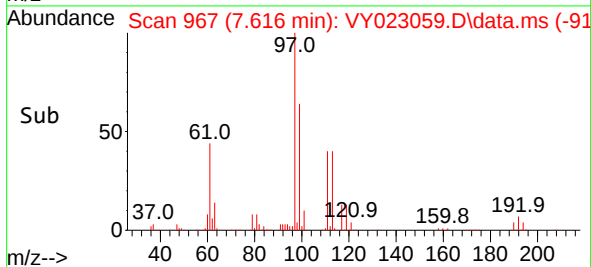
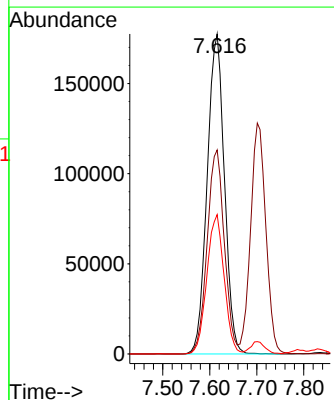
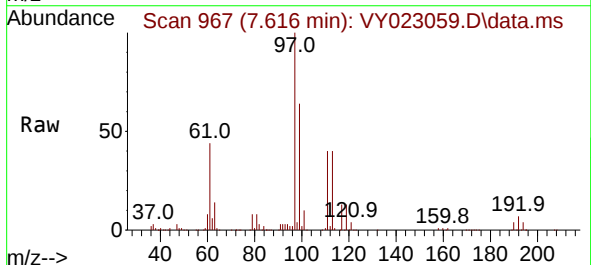
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 440040
Ion Ratio Lower Upper
56 100
69 34.6 28.2 42.2
84 93.2 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.765 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 97 Resp: 450437
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 43.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.931 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

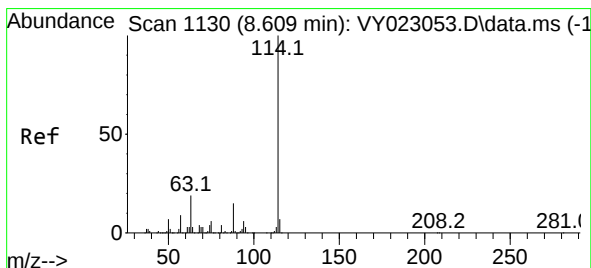
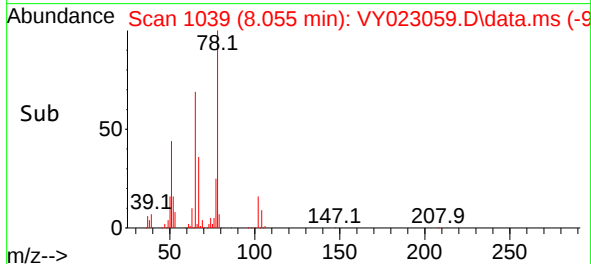
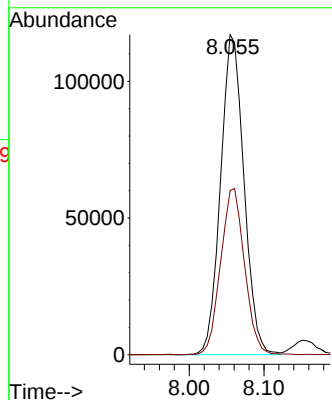
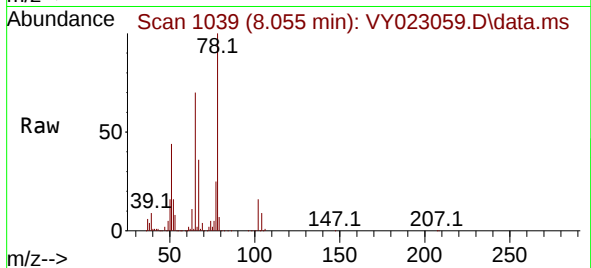
VSTDCCC050

Tgt Ion: 65 Resp: 254983

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

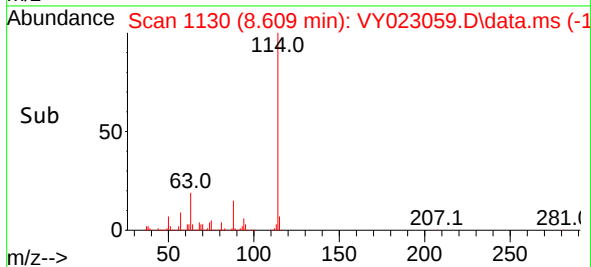
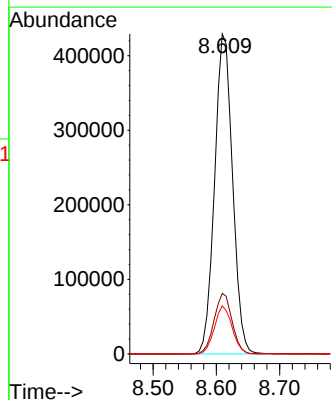
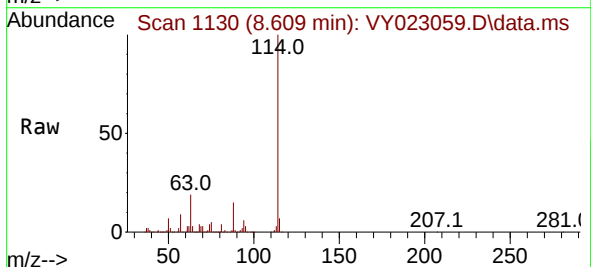
Tgt Ion: 114 Resp: 845865

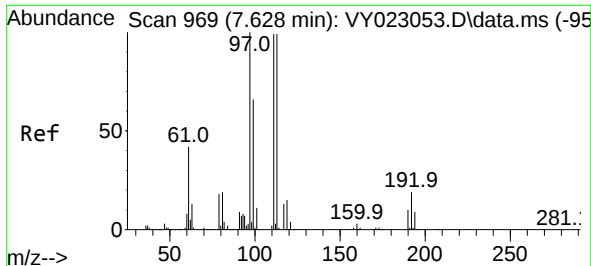
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.1 0.0 30.0

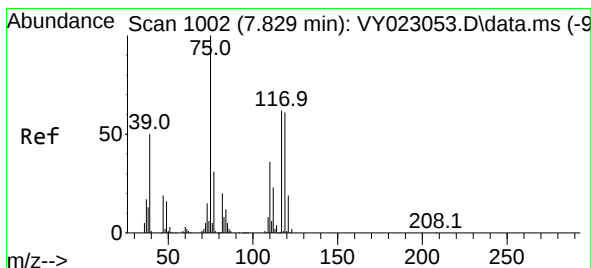
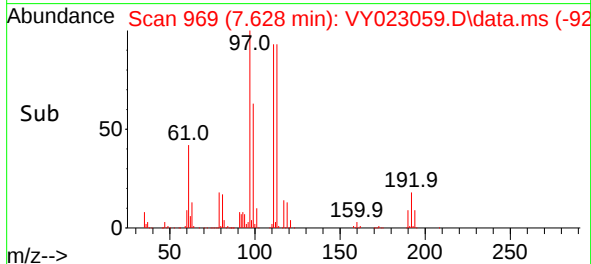
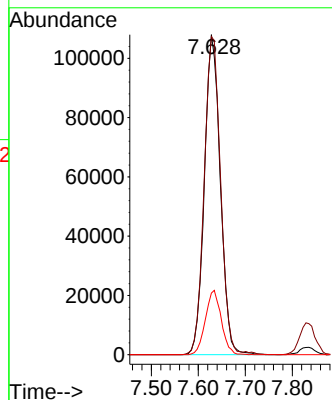
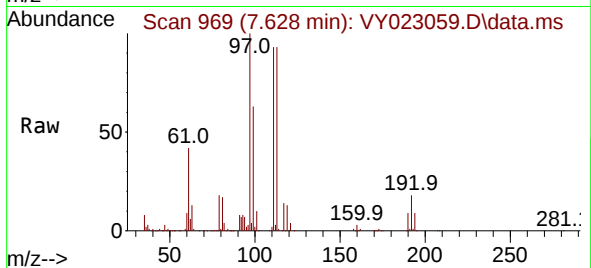




#35
Dibromofluoromethane
Concen: 50.227 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

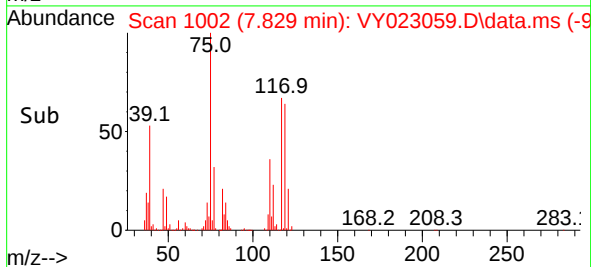
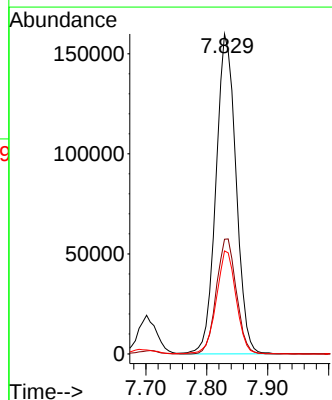
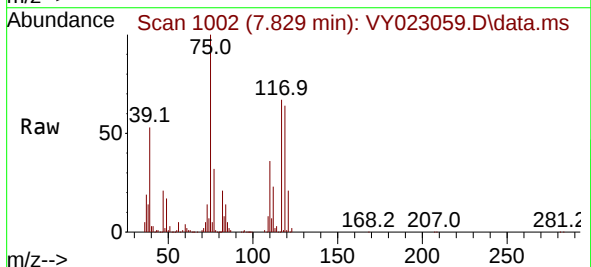
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

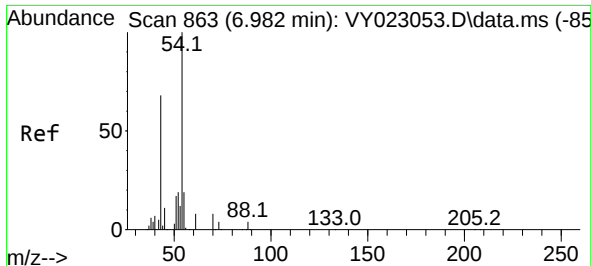
Tgt Ion:113 Resp: 254219
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.533 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 75 Resp: 365059
Ion Ratio Lower Upper
75 100
110 35.9 18.1 54.4
77 32.0 24.6 37.0

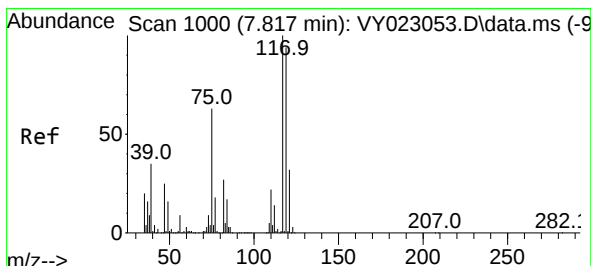
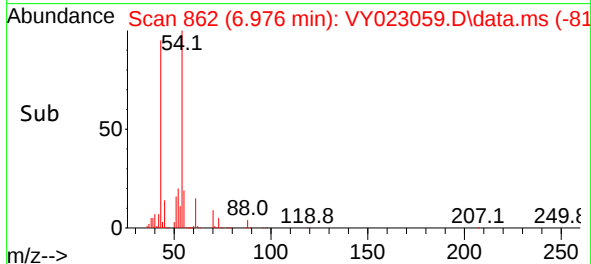
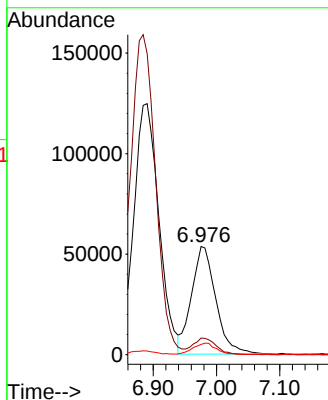
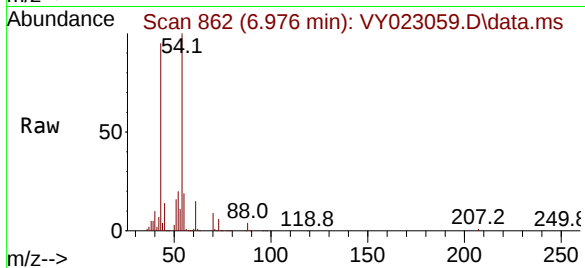




#37
Ethyl Acetate
Concen: 45.366 ug/l
RT: 6.976 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

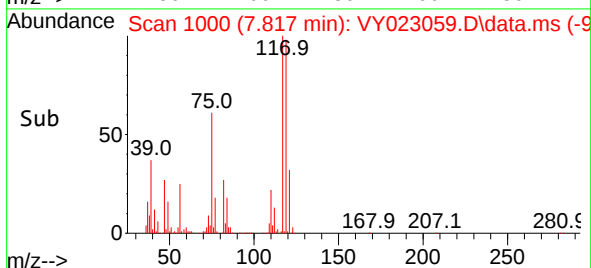
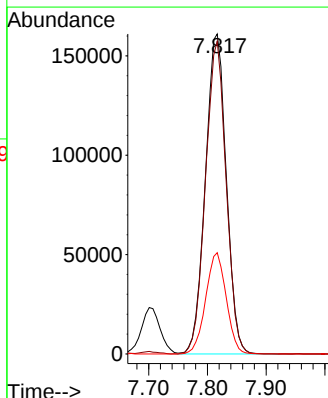
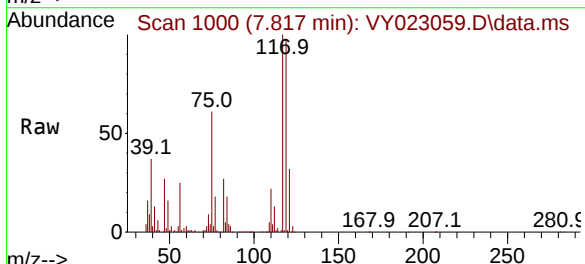
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

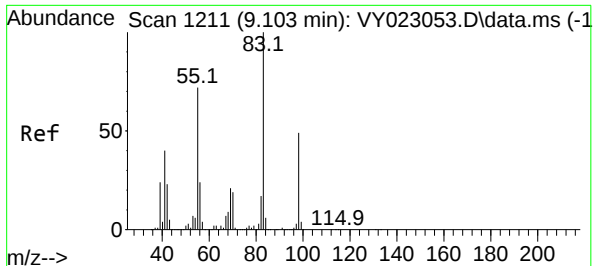
Tgt Ion: 43 Resp: 143345
Ion Ratio Lower Upper
43 100
61 14.1 11.9 17.9
70 10.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.841 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 117 Resp: 399023
Ion Ratio Lower Upper
117 100
119 97.7 75.6 113.4
121 31.6 25.8 38.8





#39

Methylcyclohexane

Concen: 49.119 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

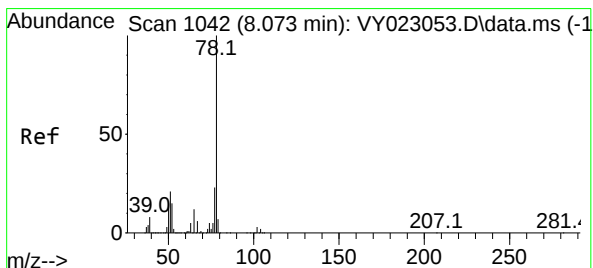
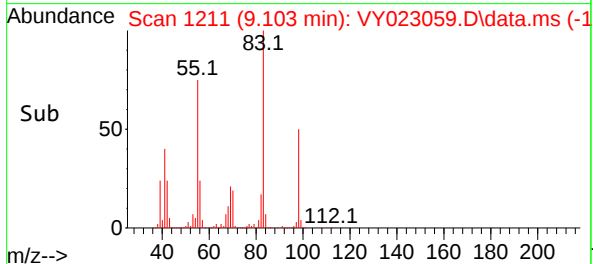
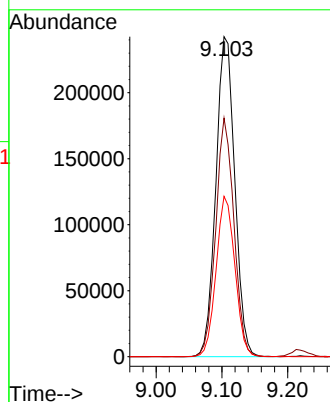
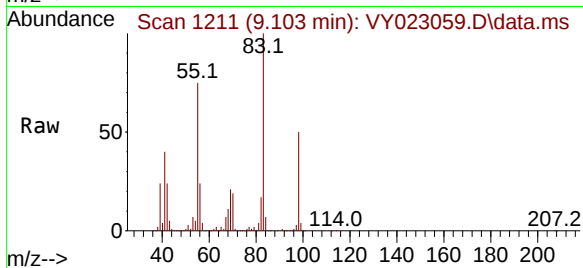
Tgt Ion: 83 Resp: 486544

Ion Ratio Lower Upper

83 100

55 74.6 57.6 86.4

98 50.1 39.2 58.8



#40

Benzene

Concen: 48.666 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023059.D

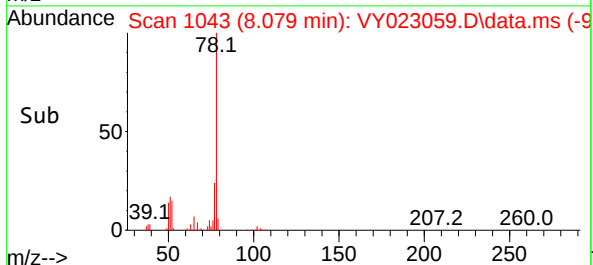
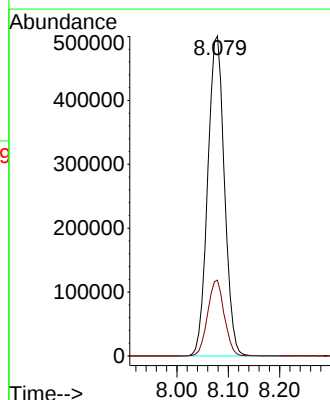
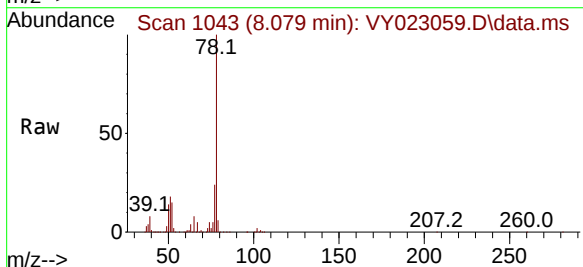
Acq: 13 Aug 2025 09:37

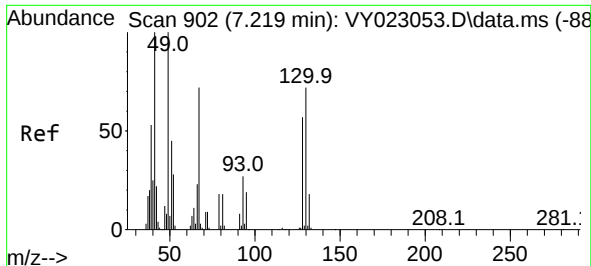
Tgt Ion: 78 Resp: 1128264

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0



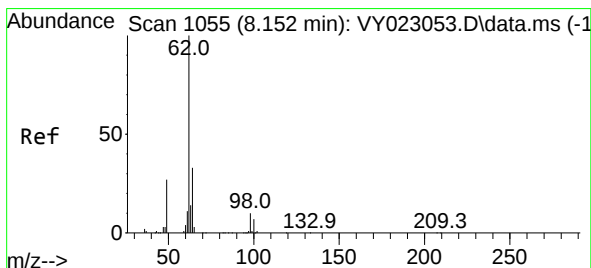
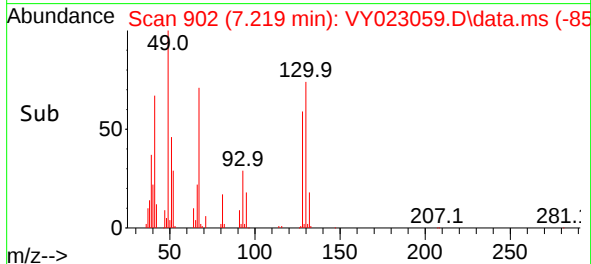
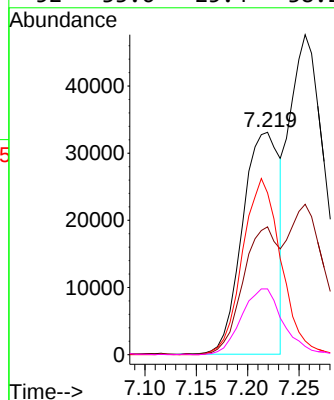
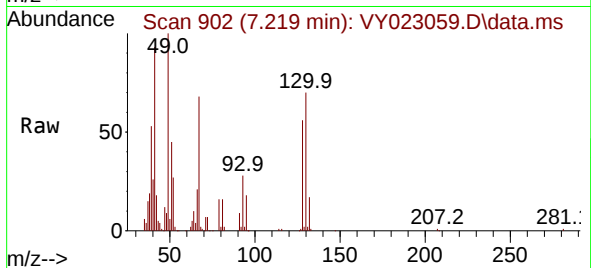


#41
Methacrylonitrile
Concen: 45.492 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 82958

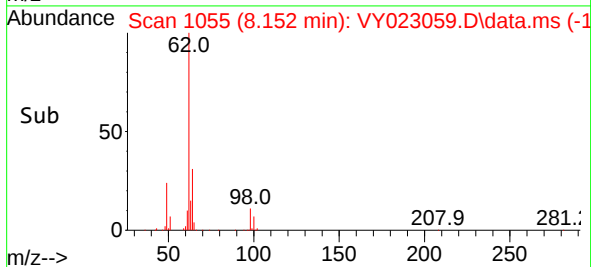
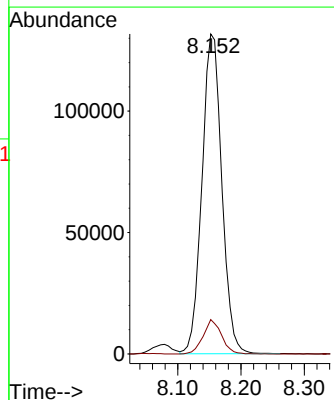
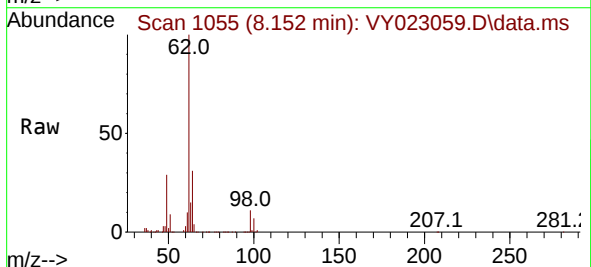
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.4	65.2
67	82.9	63.6	95.4
52	33.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 47.637 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 62 Resp: 287233

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6

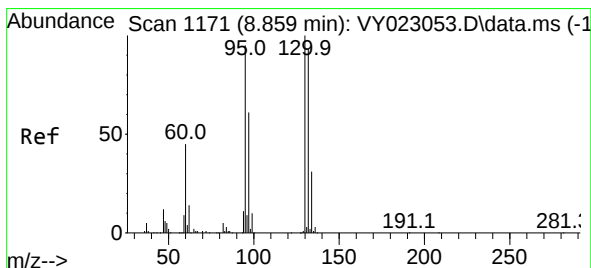
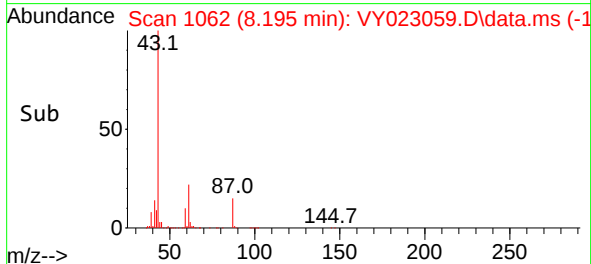
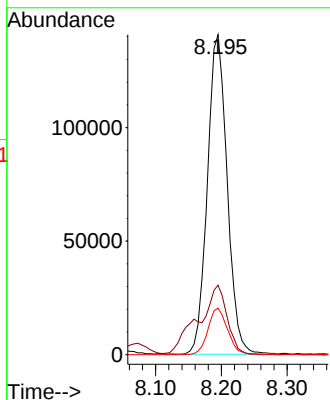
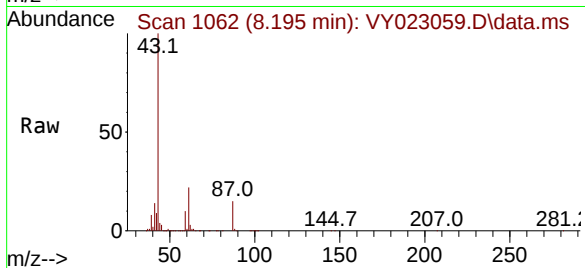




#43
Isopropyl Acetate
Concen: 46.179 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

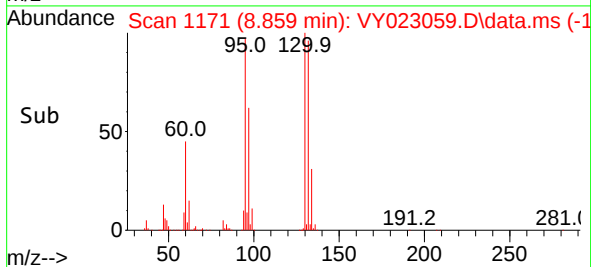
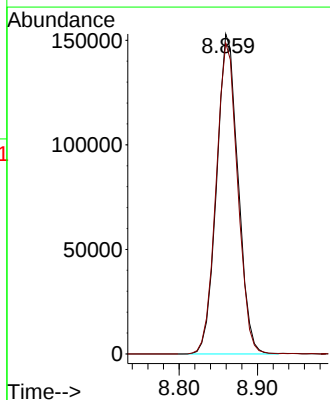
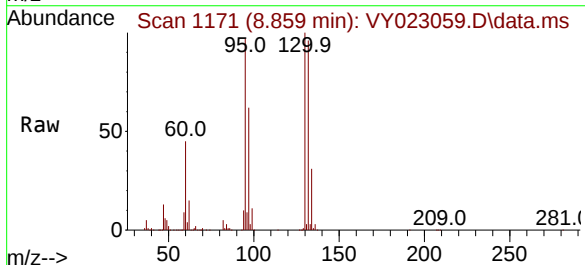
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

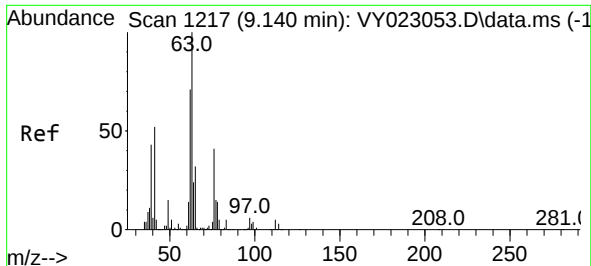
Tgt Ion: 43 Resp: 294919
Ion Ratio Lower Upper
43 100
61 31.9 16.4 24.6#
87 14.4 11.8 17.6



#44
Trichloroethene
Concen: 48.551 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:130 Resp: 290876
Ion Ratio Lower Upper
130 100
95 97.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 48.591 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

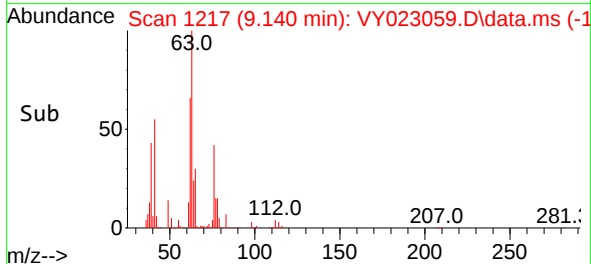
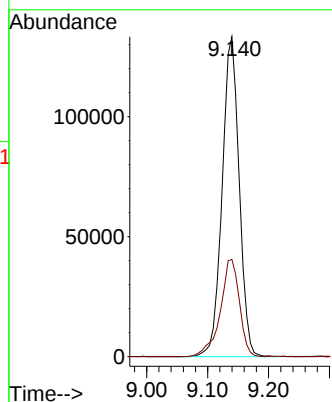
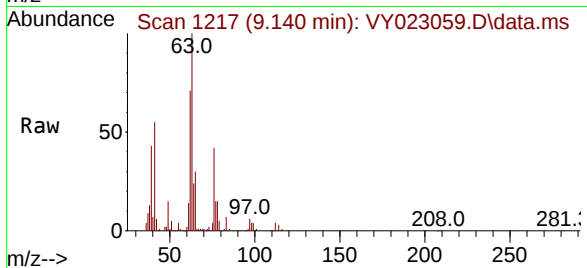
VSTDCCC050

Tgt Ion: 63 Resp: 259199

Ion Ratio Lower Upper

63 100

65 30.4 25.3 37.9



#46

Dibromomethane

Concen: 48.268 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

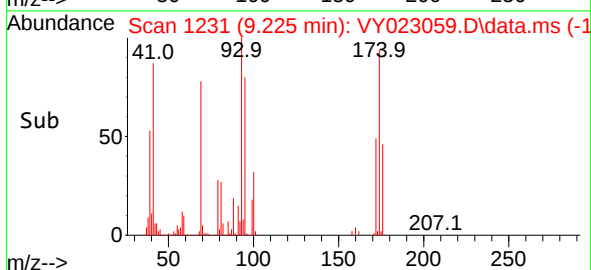
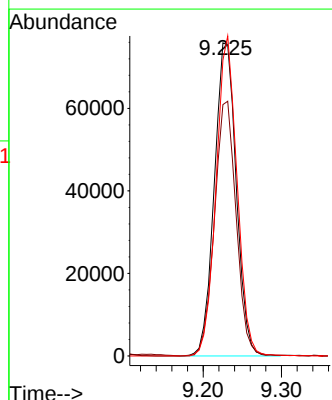
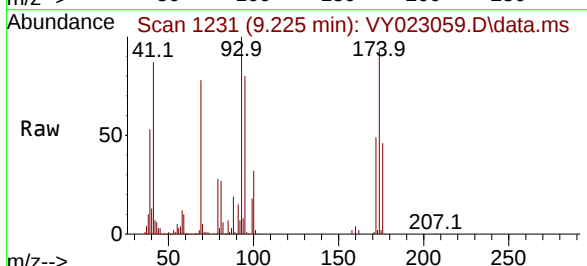
Tgt Ion: 93 Resp: 147784

Ion Ratio Lower Upper

93 100

95 80.3 66.5 99.7

174 97.5 81.8 122.8

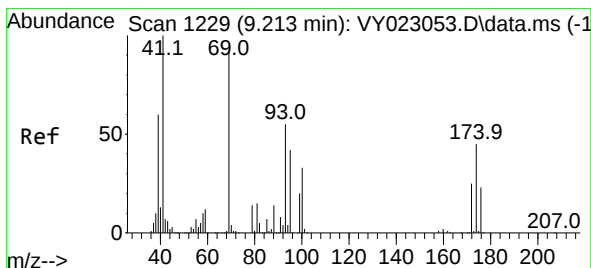
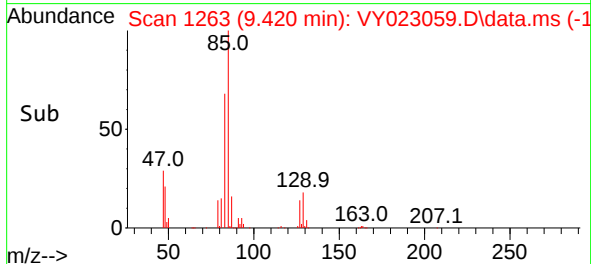
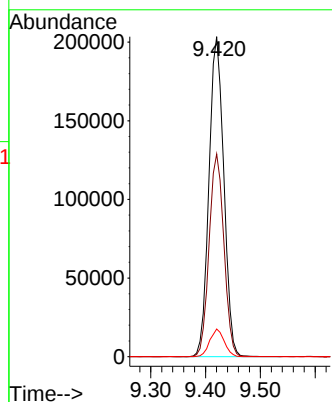
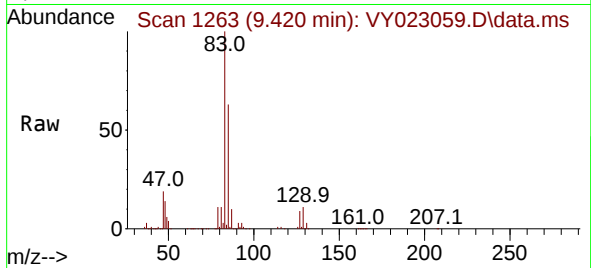




#47
Bromodichloromethane
Concen: 48.276 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

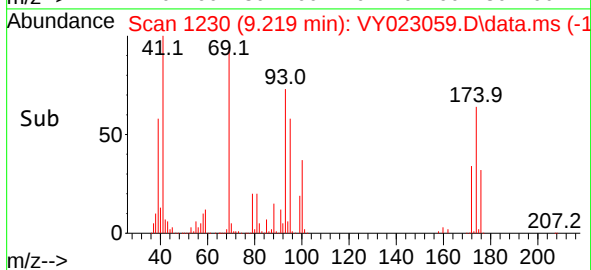
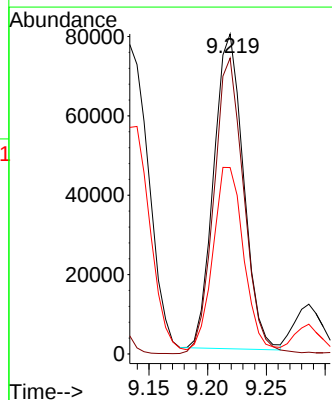
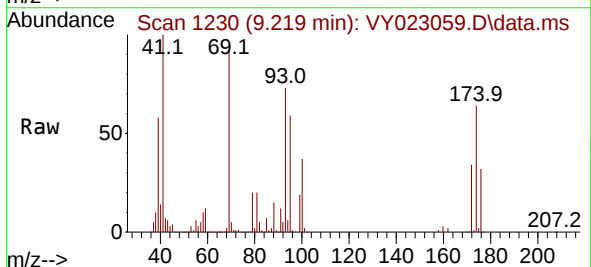
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 380333
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 45.747 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 41 Resp: 139803
Ion Ratio Lower Upper
41 100
69 95.0 73.2 109.8
39 59.5 47.0 70.4

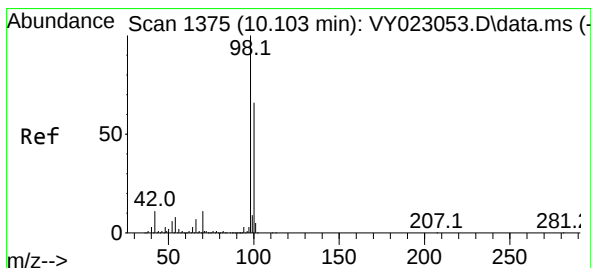
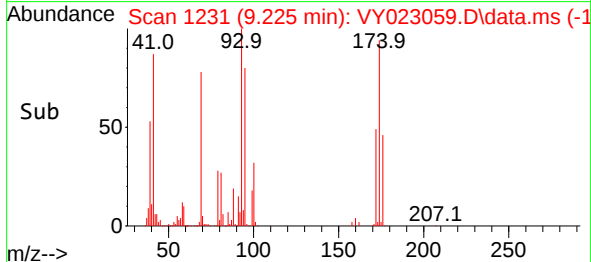
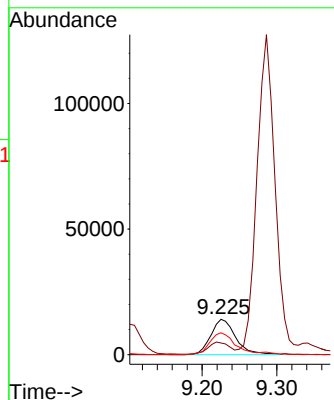
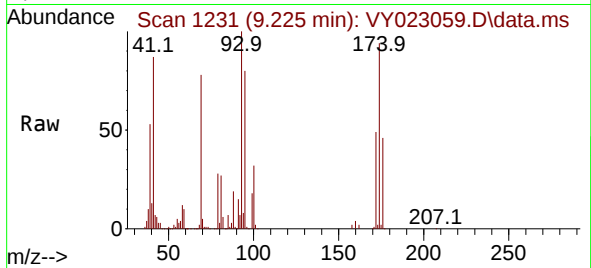




#49
1,4-Dioxane
Concen: 905.464 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

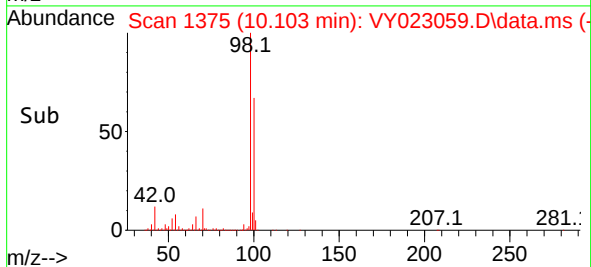
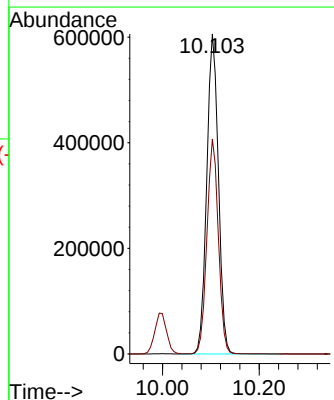
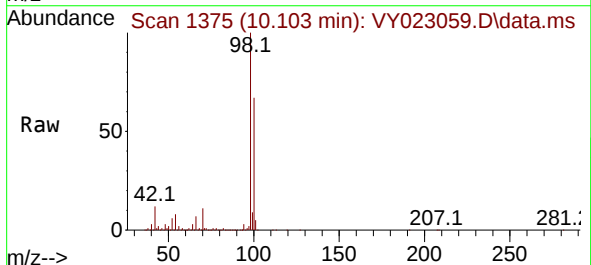
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 32506
Ion Ratio Lower Upper
88 100
43 29.3 24.3 36.5
58 62.5 55.4 83.0



#50
Toluene-d8
Concen: 51.328 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 98 Resp: 1014903
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

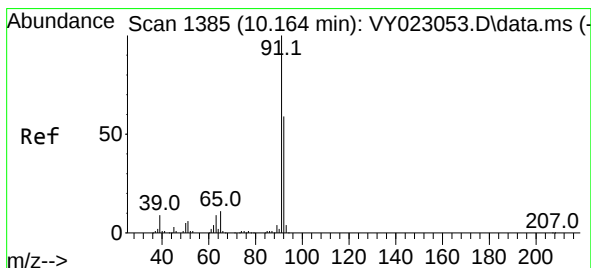
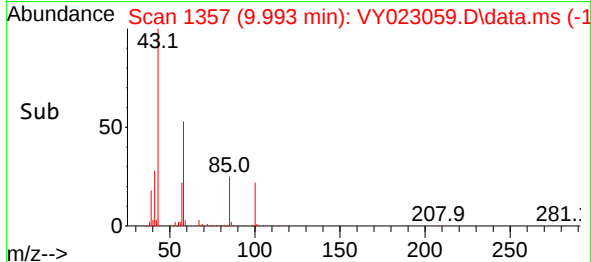
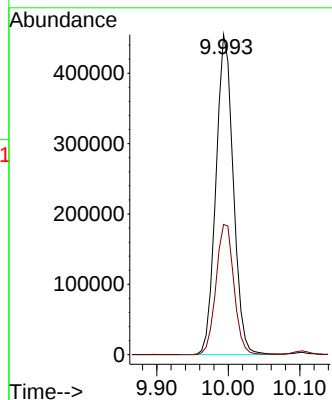
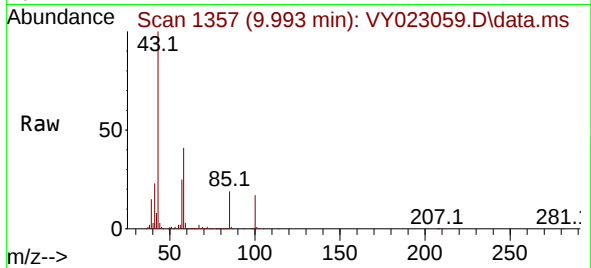




#51
4-Methyl-2-Pentanone
Concen: 232.613 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

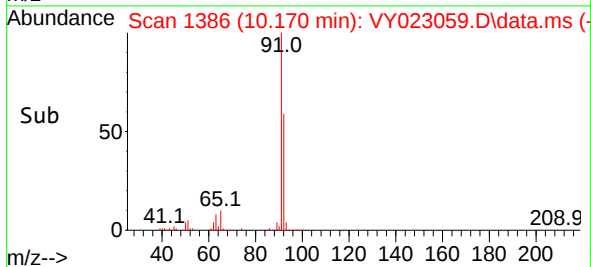
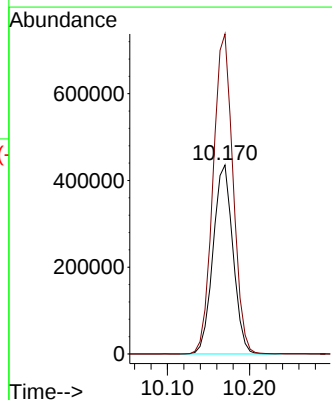
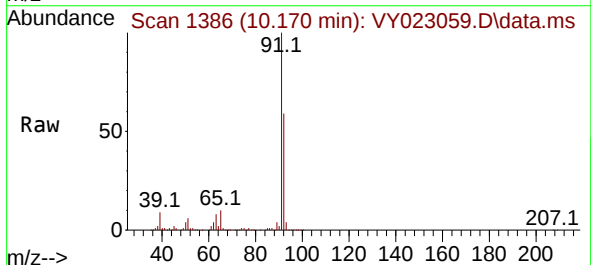
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

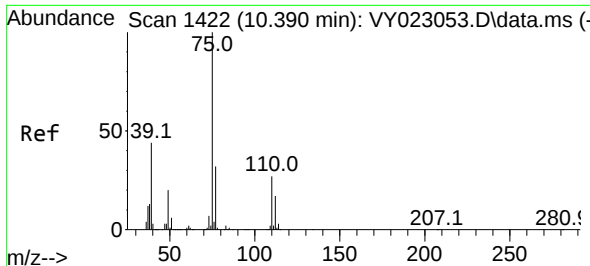
Tgt Ion: 43 Resp: 766289
Ion Ratio Lower Upper
43 100
58 42.1 33.5 50.3



#52
Toluene
Concen: 49.619 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 92 Resp: 730616
Ion Ratio Lower Upper
92 100
91 170.0 136.4 204.6

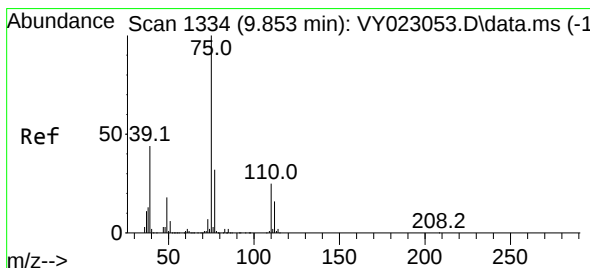
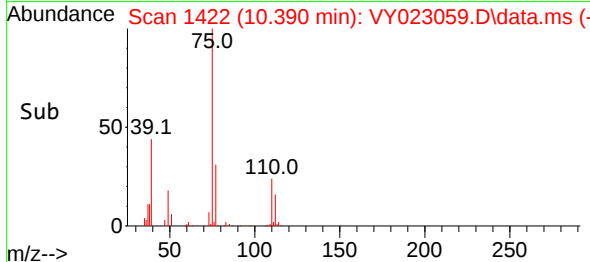
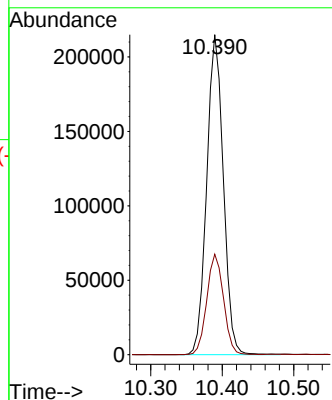
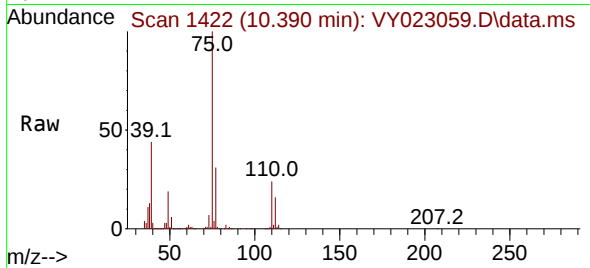




#53
 t-1,3-Dichloropropene
 Concen: 48.623 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

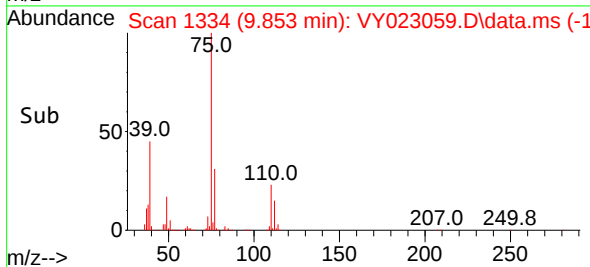
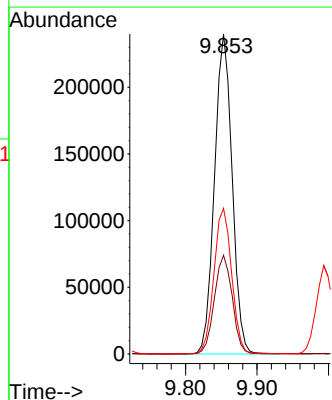
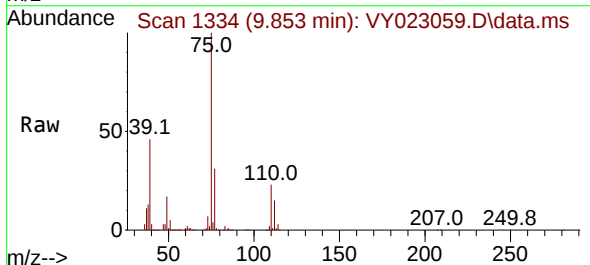
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

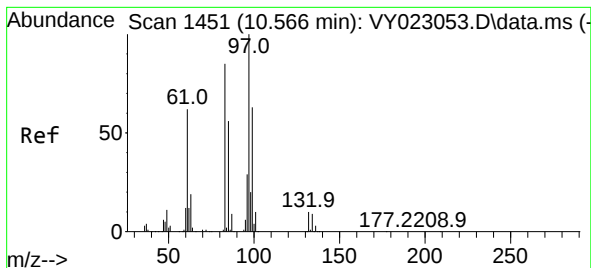
Tgt Ion: 75 Resp: 346881
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.667 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

Tgt Ion: 75 Resp: 410557
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 45.5 35.6 53.4



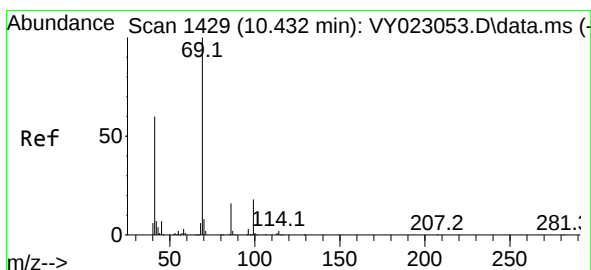
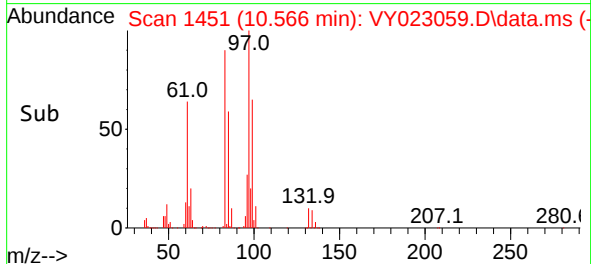
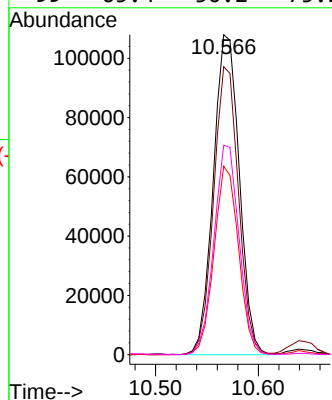
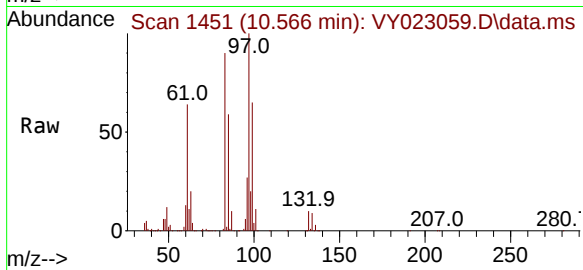


#55
1,1,2-Trichloroethane
Concen: 46.330 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 189812

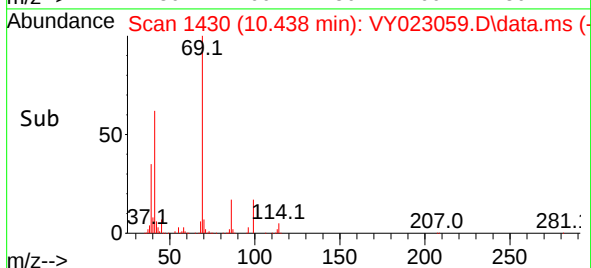
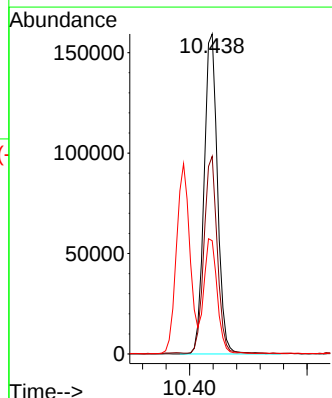
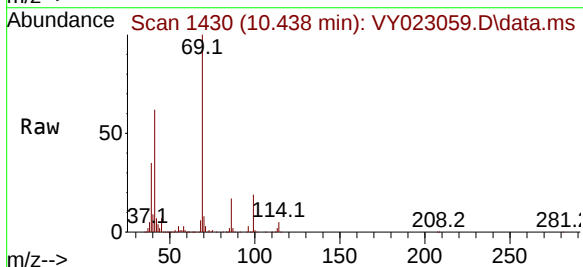
Ion	Ratio	Lower	Upper
97	100		
83	89.9	67.7	101.5
85	58.8	44.5	66.7
99	65.4	50.2	75.2

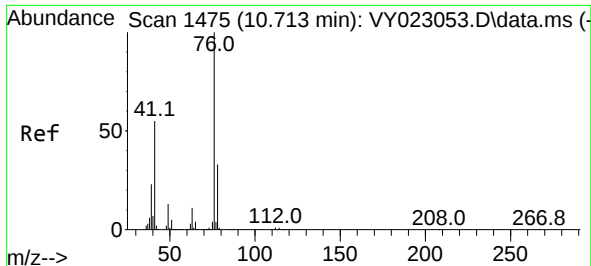


#56
Ethyl methacrylate
Concen: 48.194 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 69 Resp: 252654

Ion	Ratio	Lower	Upper
69	100		
41	61.0	48.6	72.8
39	35.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 47.351 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

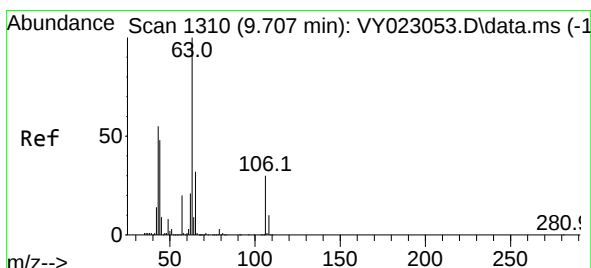
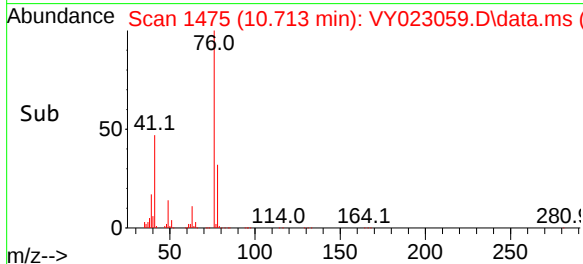
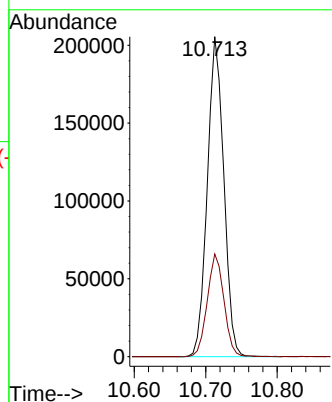
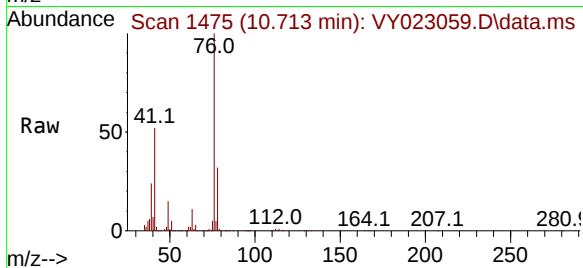
VSTDCCC050

Tgt Ion: 76 Resp: 328997

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.593 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023059.D

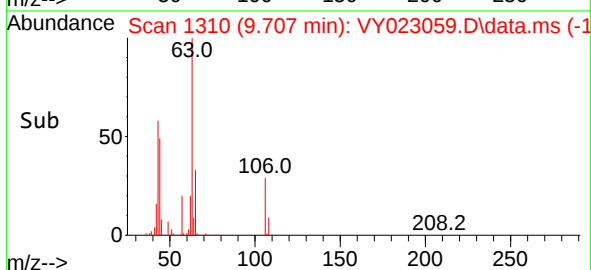
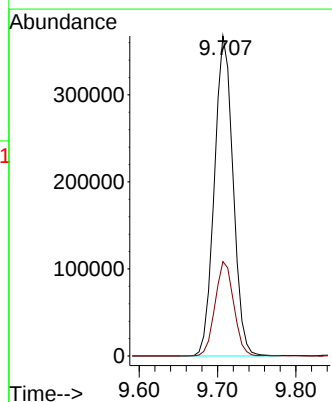
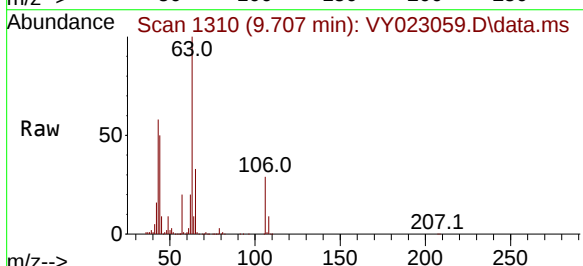
Acq: 13 Aug 2025 09:37

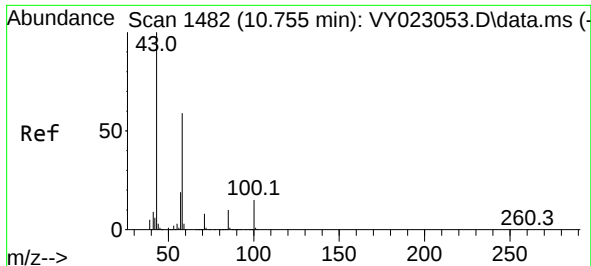
Tgt Ion: 63 Resp: 609788

Ion Ratio Lower Upper

63 100

106 29.4 23.2 34.8

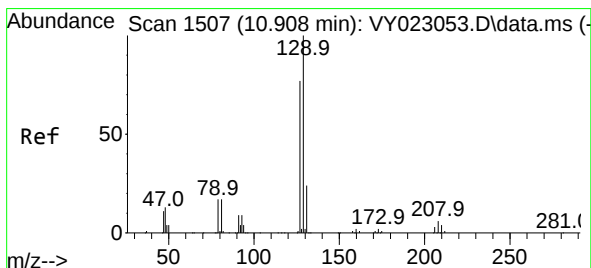
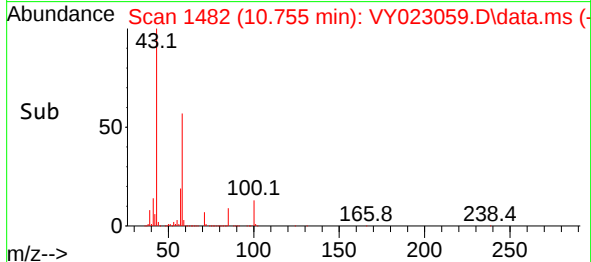
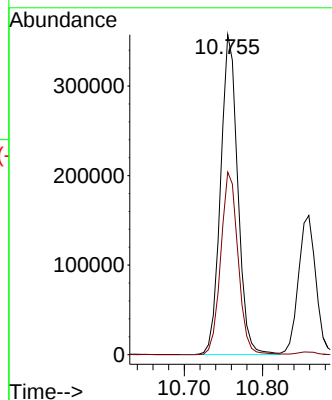
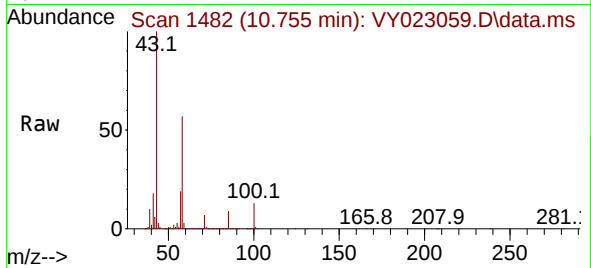




#59
2-Hexanone
Concen: 243.235 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

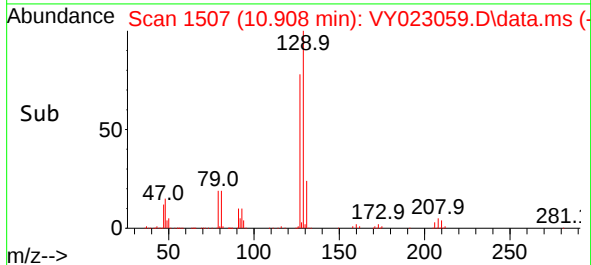
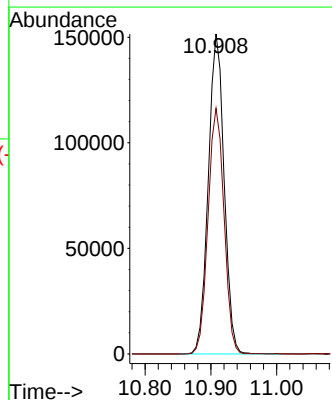
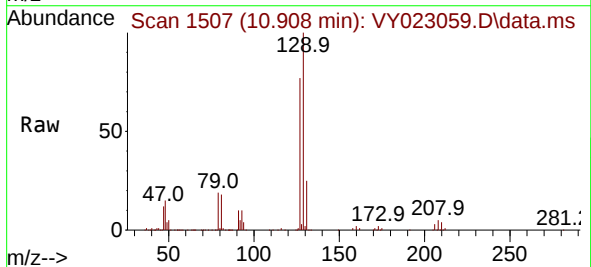
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

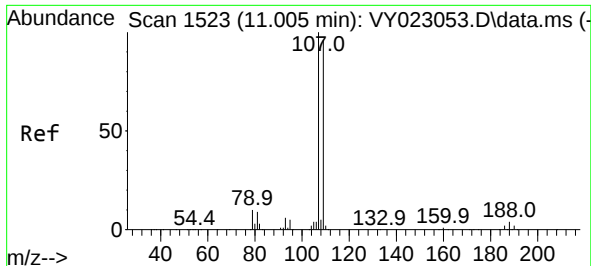
Tgt Ion: 43 Resp: 545617
Ion Ratio Lower Upper
43 100
58 57.6 29.5 88.5



#60
Dibromochloromethane
Concen: 46.904 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:129 Resp: 253556
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

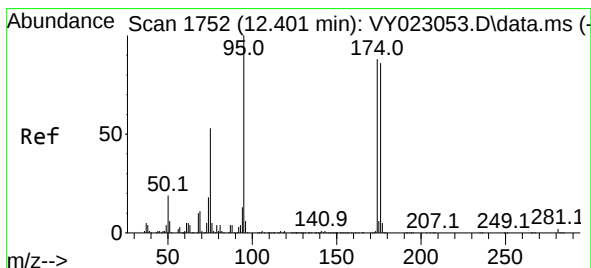
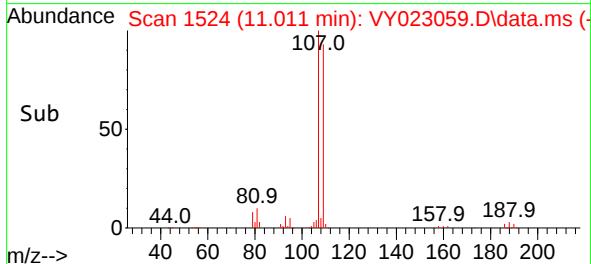
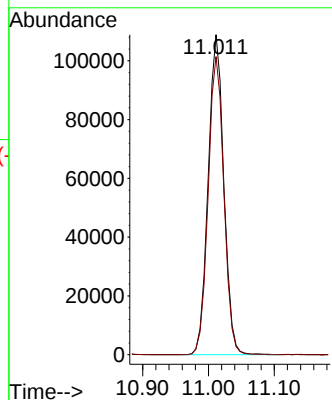
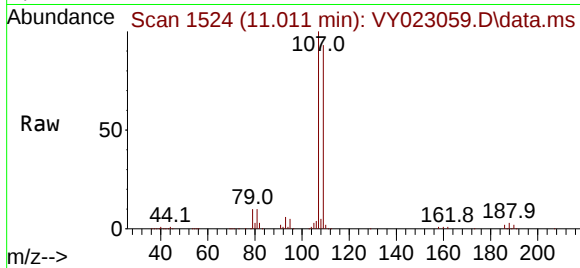




#61
1,2-Dibromoethane
Concen: 46.761 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

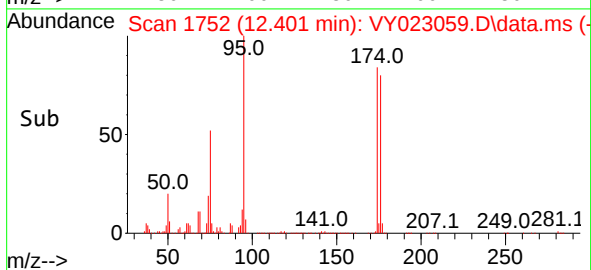
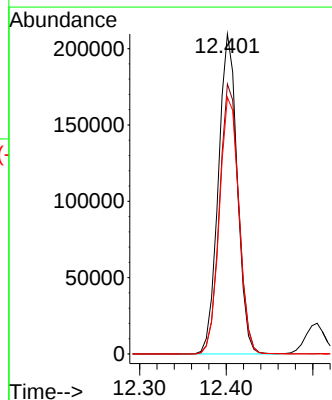
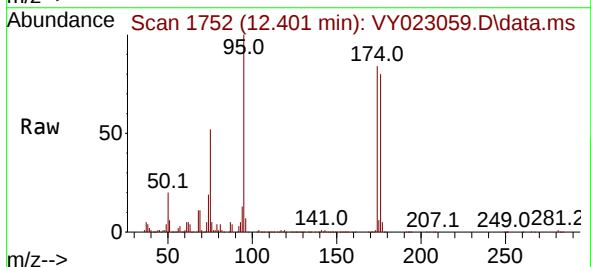
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

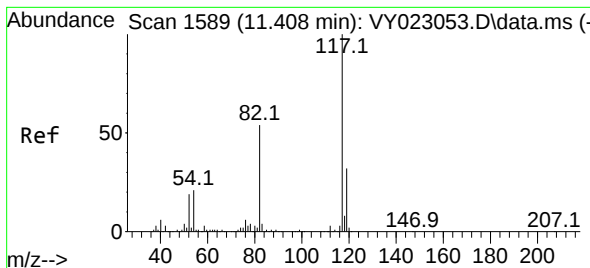
Tgt Ion:107 Resp: 180061
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.020 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 95 Resp: 318073
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 82.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

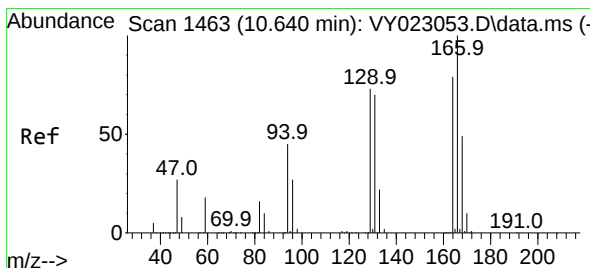
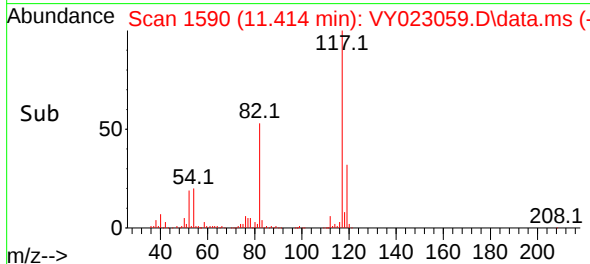
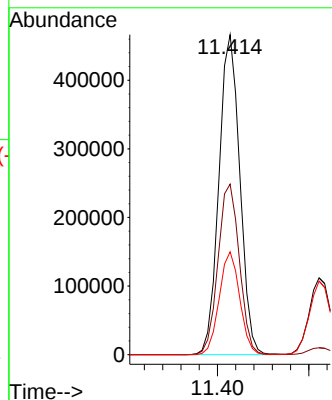
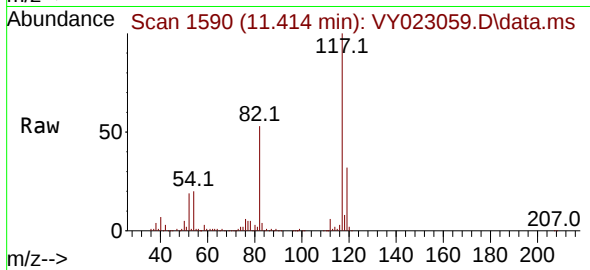
Tgt Ion:117 Resp: 741859

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 50.070 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Tgt Ion:164 Resp: 331676

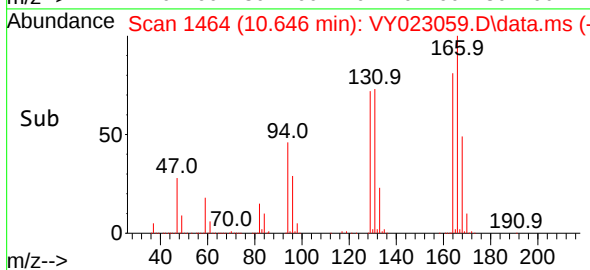
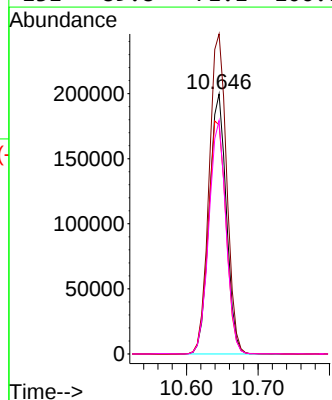
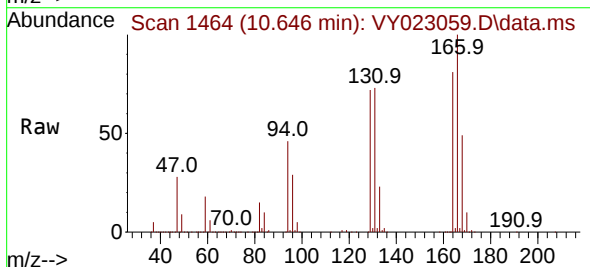
Ion Ratio Lower Upper

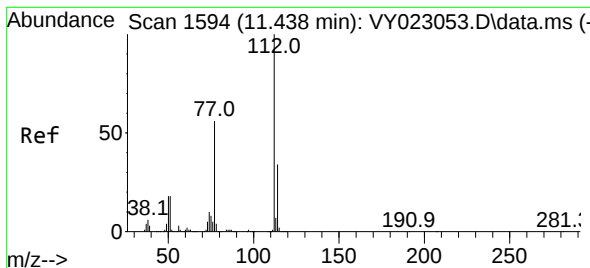
164 100

166 123.1 101.1 151.7

129 88.1 74.0 111.0

131 89.8 71.1 106.7

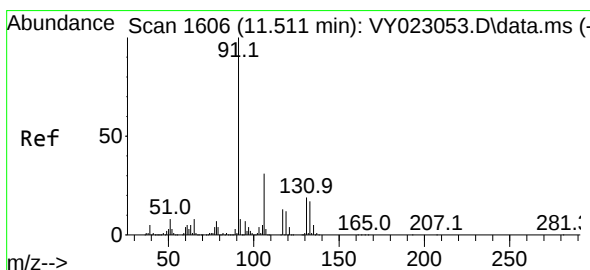
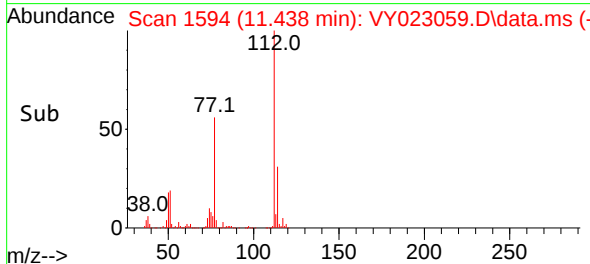
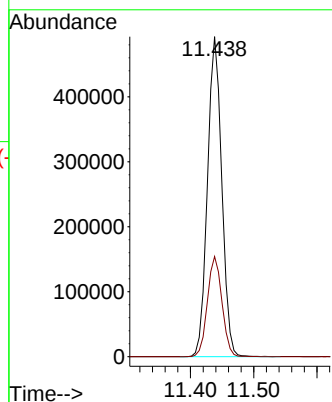
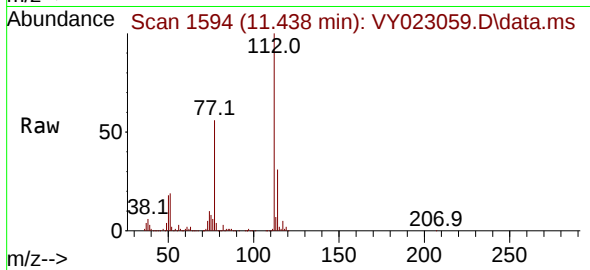




#65
Chlorobenzene
Concen: 48.346 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

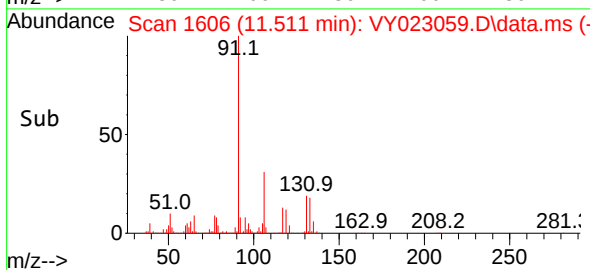
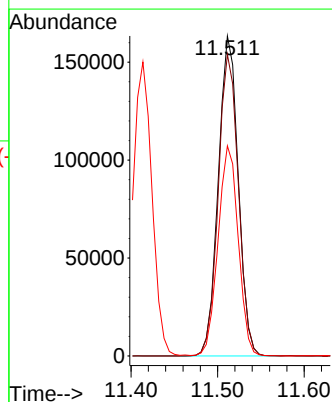
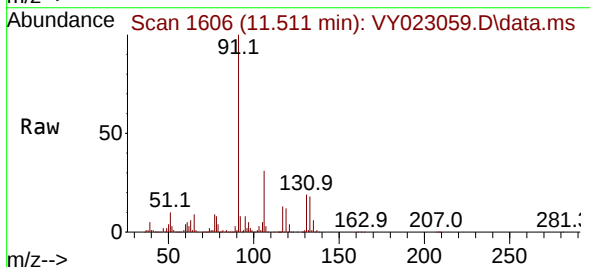
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

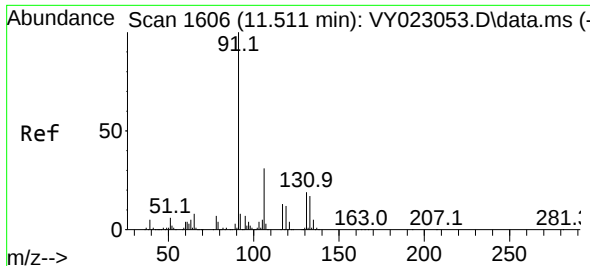
Tgt Ion:112 Resp: 773624
Ion Ratio Lower Upper
112 100
114 31.3 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.113 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:131 Resp: 261298
Ion Ratio Lower Upper
131 100
133 95.3 46.9 140.6
119 66.5 33.2 99.6





#67

Ethyl Benzene

Concen: 49.987 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

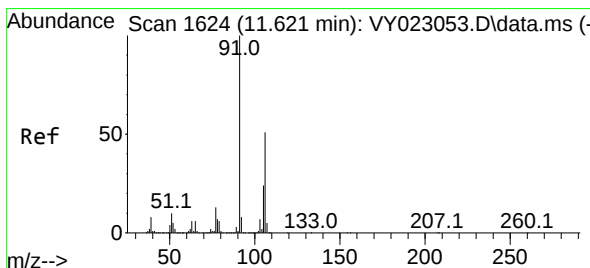
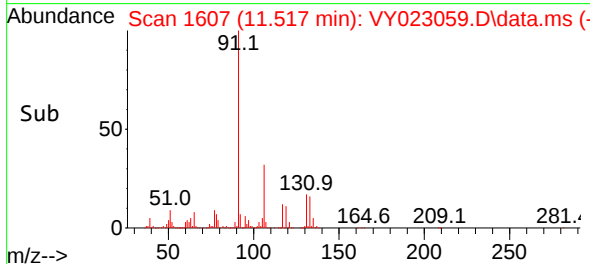
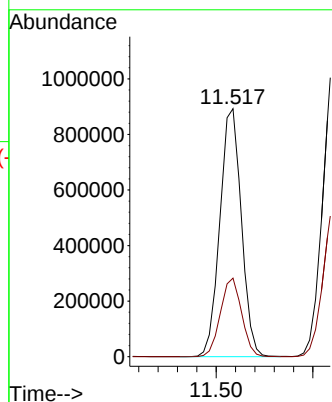
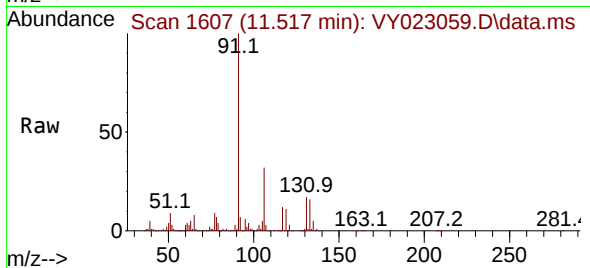
VSTDCCC050

Tgt Ion: 91 Resp: 1376524

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 99.994 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023059.D

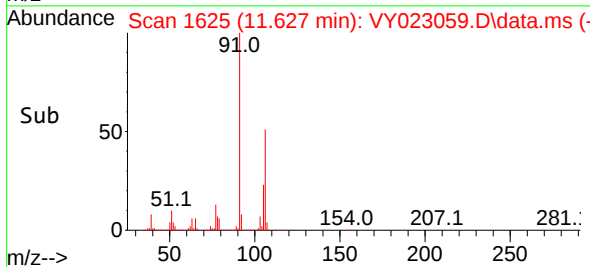
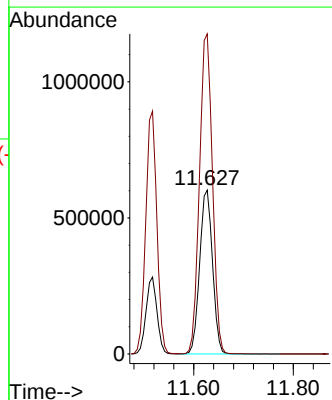
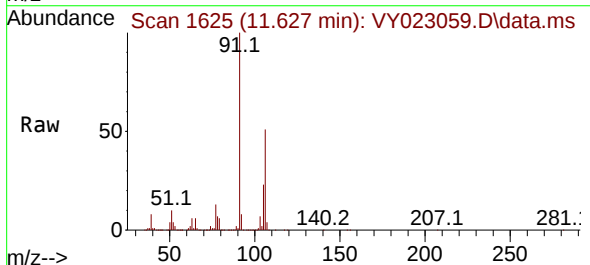
Acq: 13 Aug 2025 09:37

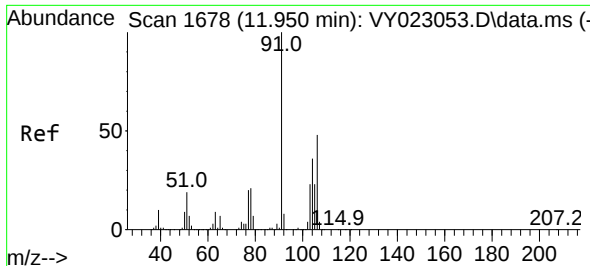
Tgt Ion:106 Resp: 1075458

Ion Ratio Lower Upper

106 100

91 197.3 158.6 238.0

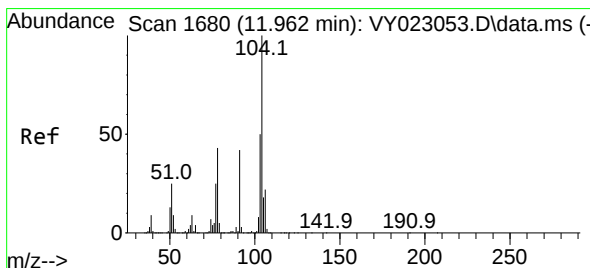
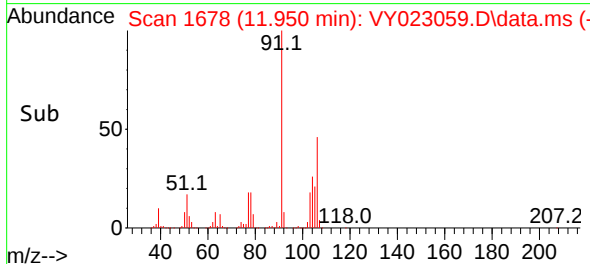
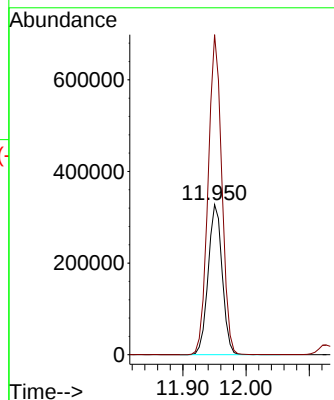
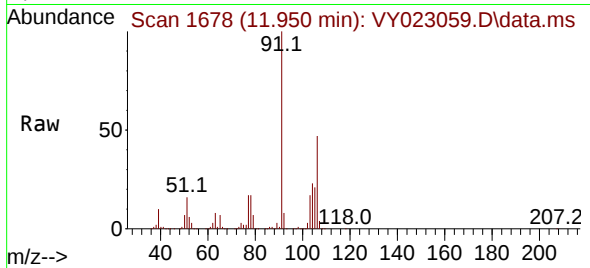




#69
o-Xylene
Concen: 50.162 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

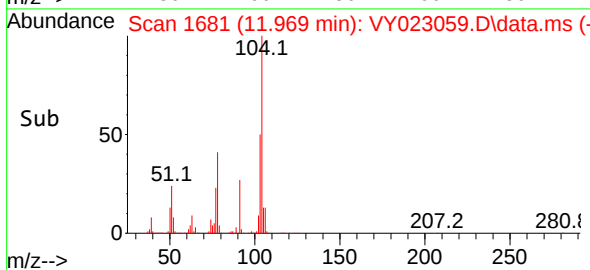
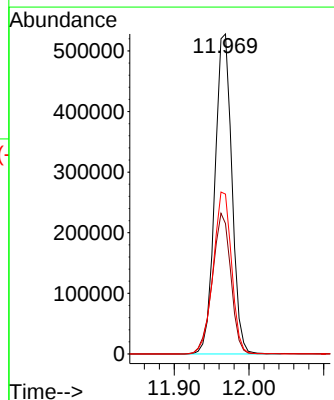
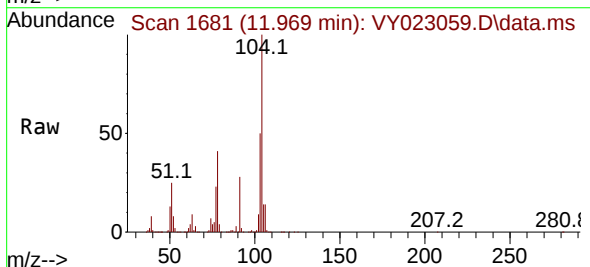
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

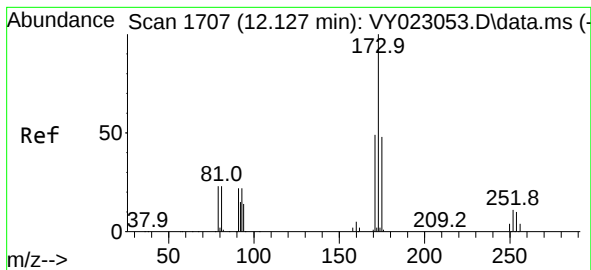
Tgt Ion:106 Resp: 505296
Ion Ratio Lower Upper
106 100
91 208.1 103.2 309.4



#70
Styrene
Concen: 50.595 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:104 Resp: 833474
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 54.9 43.7 65.5





#71

Bromoform

Concen: 45.557 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

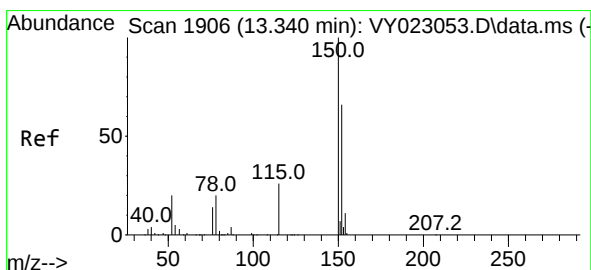
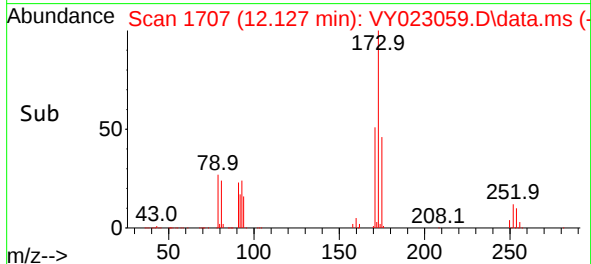
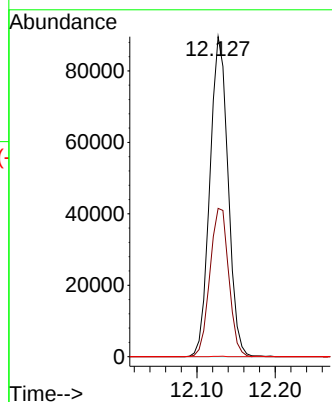
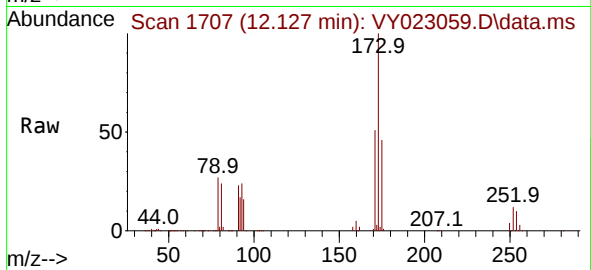
Tgt Ion:173 Resp: 144602

Ion Ratio Lower Upper

173 100

175 47.9 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: VY023059.D

Acq: 13 Aug 2025 09:37

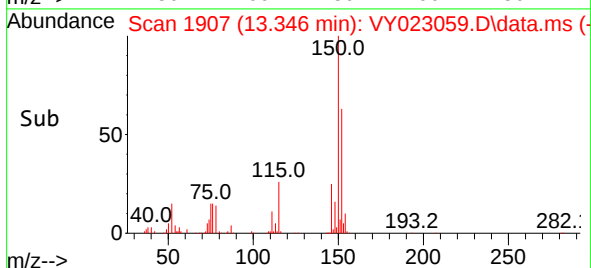
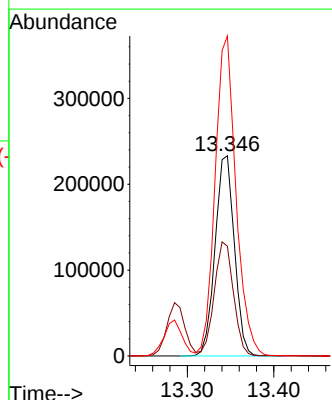
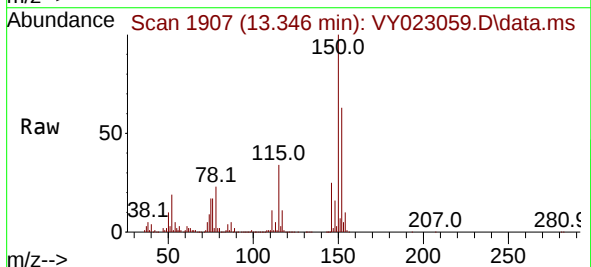
Tgt Ion:152 Resp: 361154

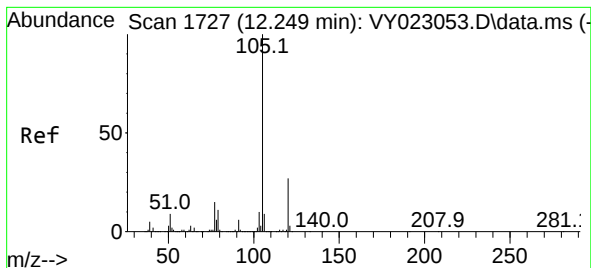
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.6

150 172.3 0.0 348.0





#73

Isopropylbenzene

Concen: 51.327 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

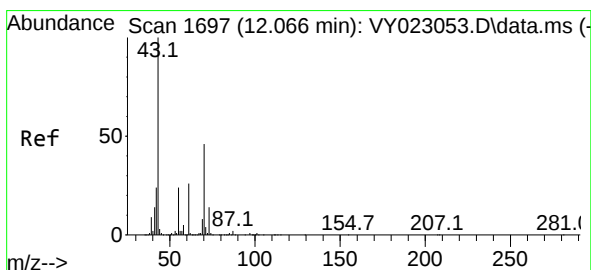
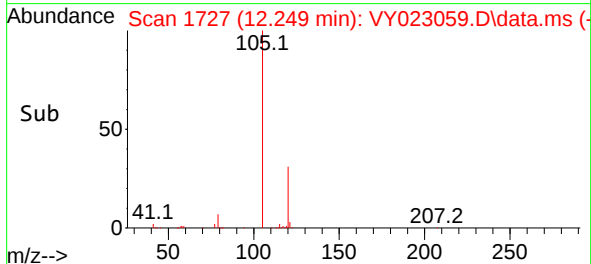
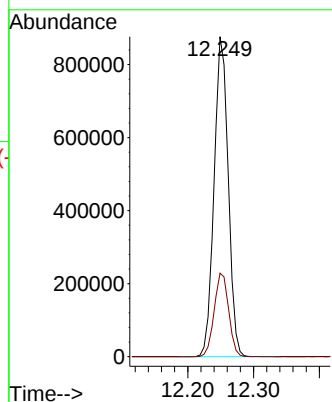
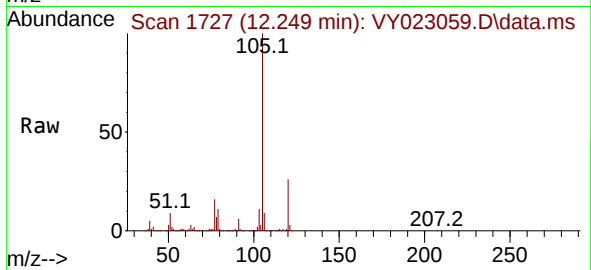
VSTDCCC050

Tgt Ion:105 Resp: 1308324

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 49.922 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Tgt Ion: 43 Resp: 269858

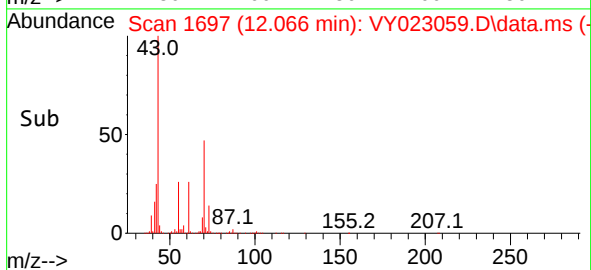
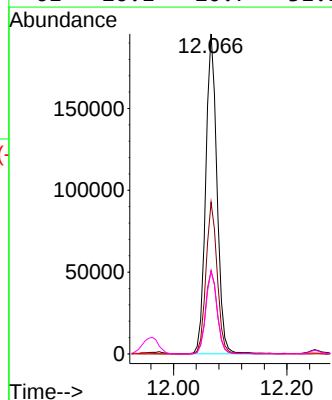
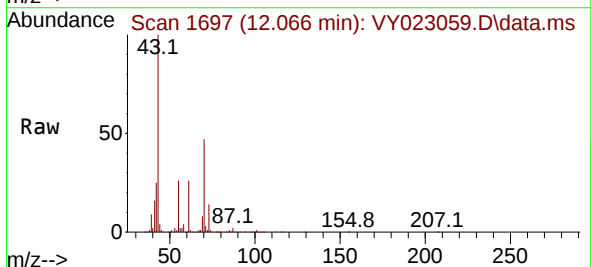
Ion Ratio Lower Upper

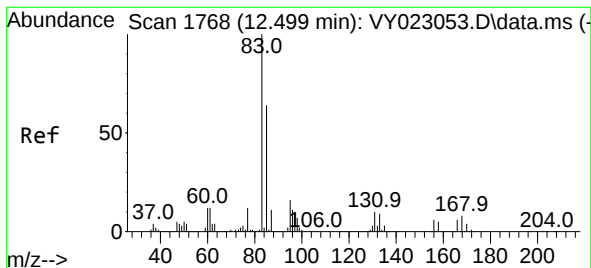
43 100

70 47.1 37.5 56.3

55 26.7 20.7 31.1

61 26.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.905 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

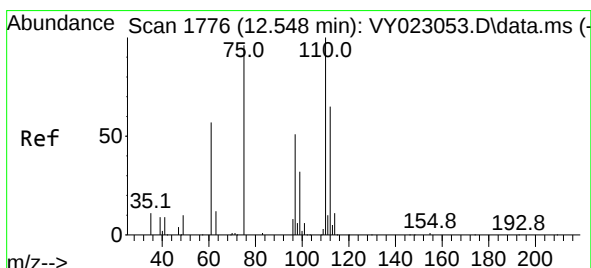
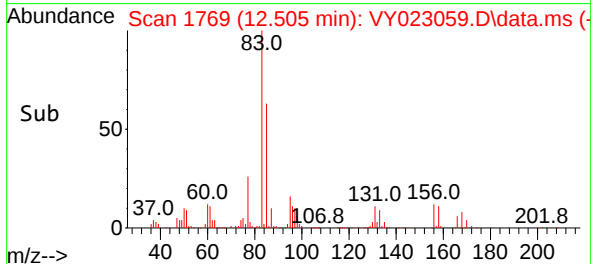
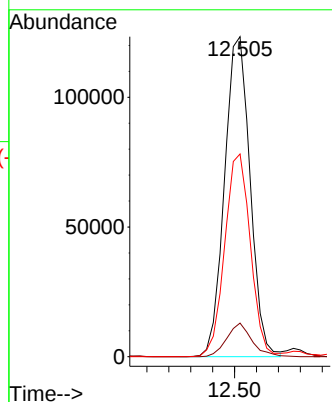
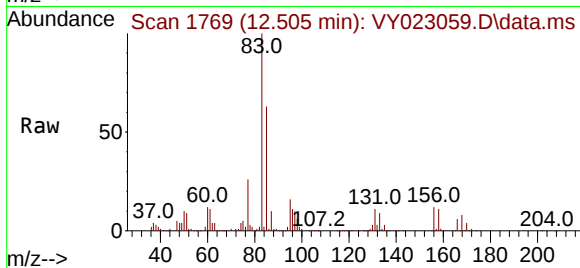
Tgt Ion: 83 Resp: 199792

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 80.243 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023059.D

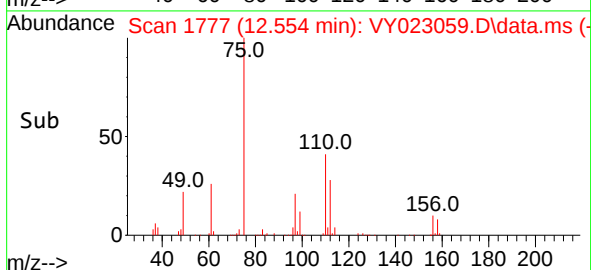
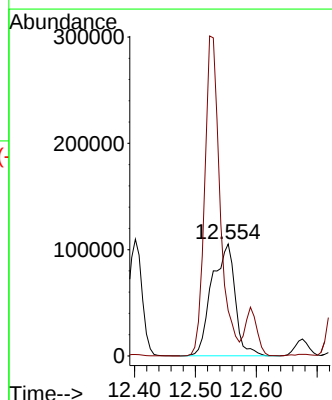
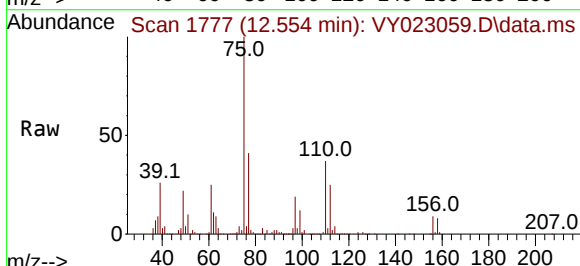
Acq: 13 Aug 2025 09:37

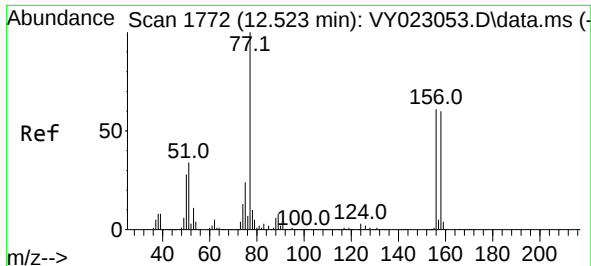
Tgt Ion: 75 Resp: 279690

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

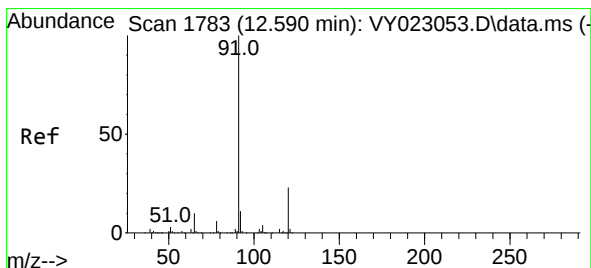
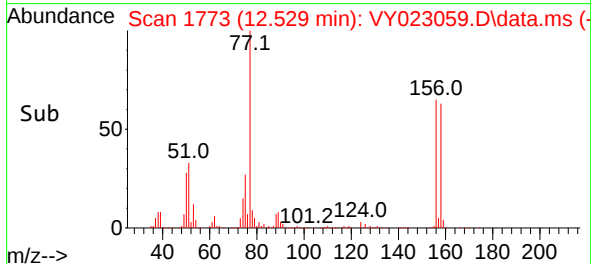
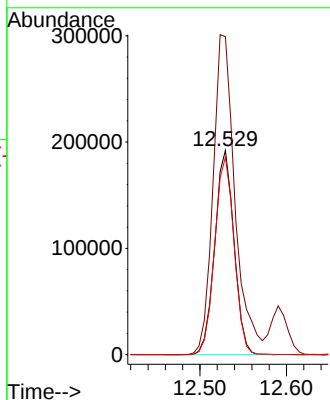
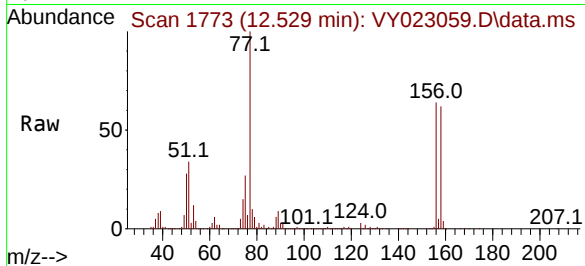




#77
Bromobenzene
Concen: 48.794 ug/l
RT: 12.529 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

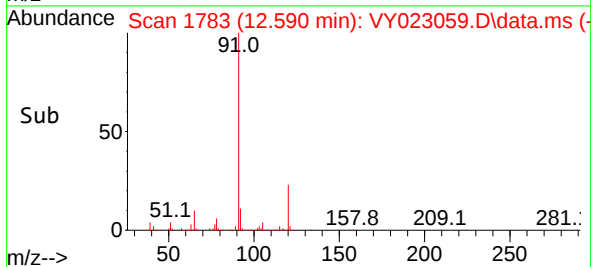
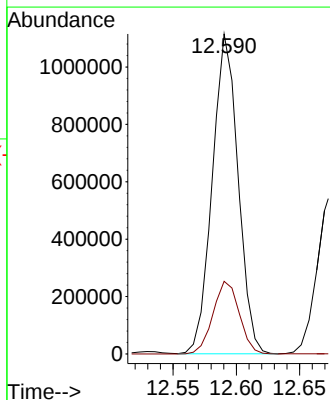
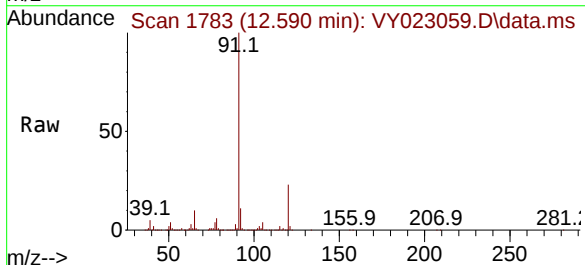
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

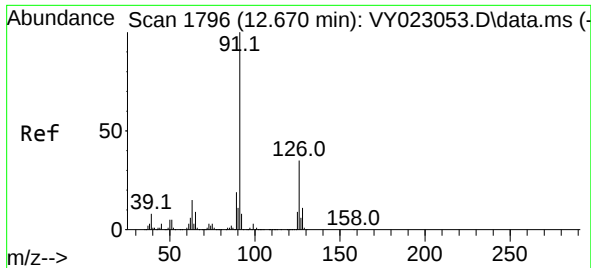
Tgt Ion:156 Resp: 296723
Ion Ratio Lower Upper
156 100
77 179.1 88.1 264.4
158 97.6 48.0 144.0



#78
n-propylbenzene
Concen: 52.061 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 91 Resp: 1579912
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5

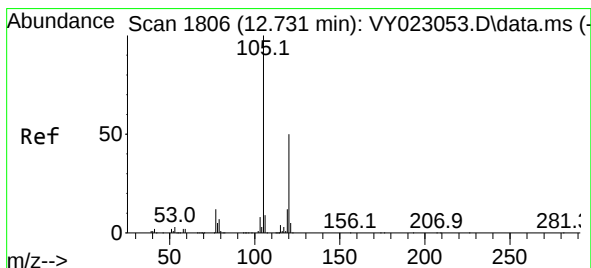
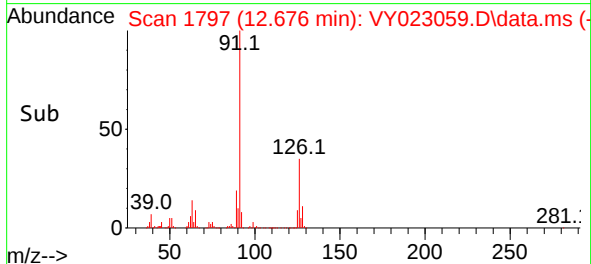
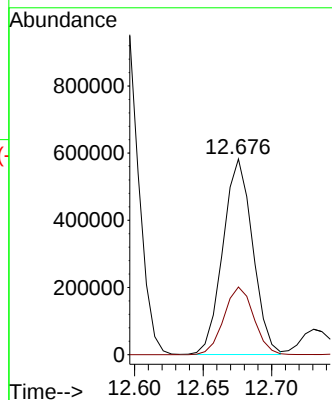
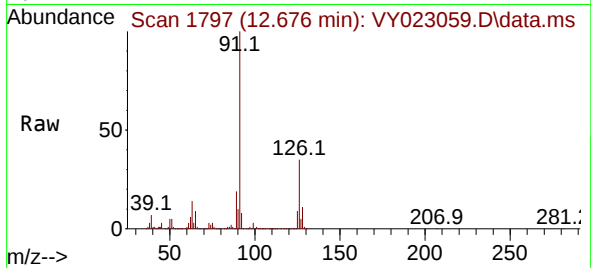




#79
2-Chlorotoluene
Concen: 50.703 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

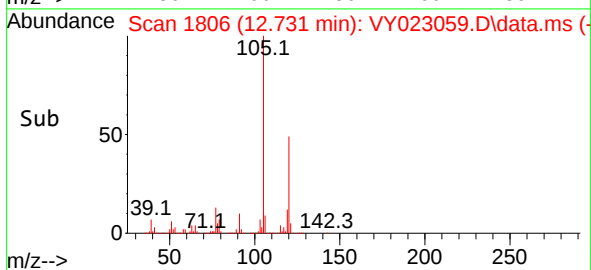
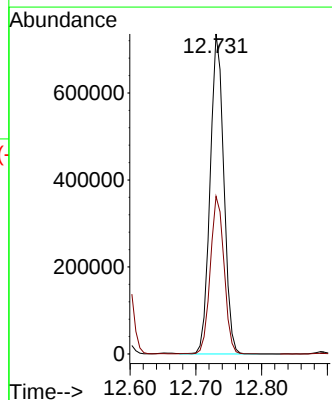
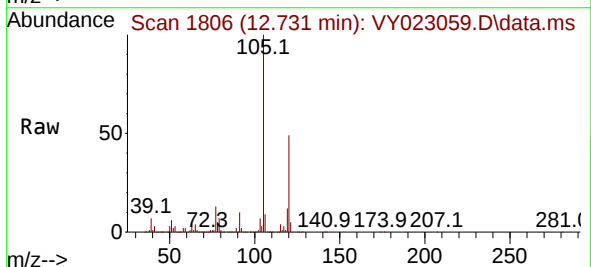
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

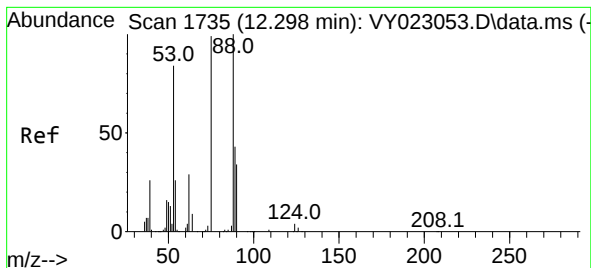
Tgt Ion: 91 Resp: 881616
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.563 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:105 Resp: 1062229
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4

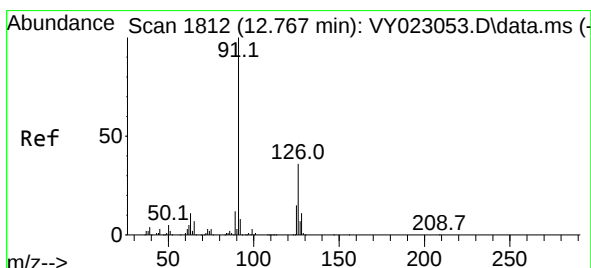
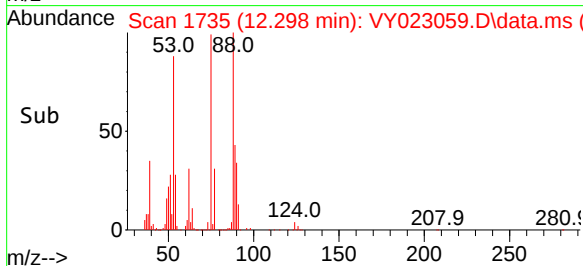
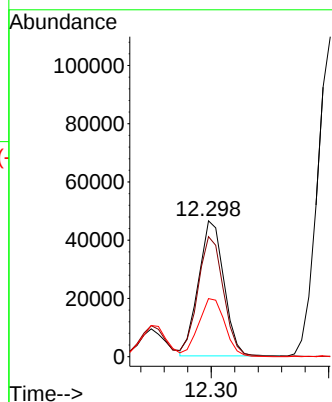
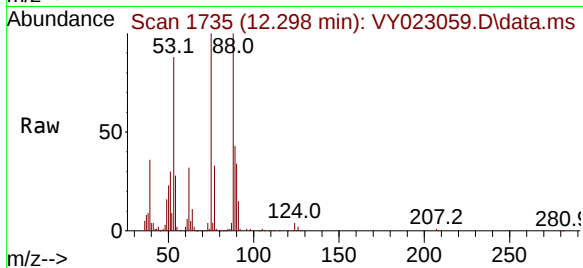




#81
trans-1,4-Dichloro-2-butene
Concen: 48.354 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

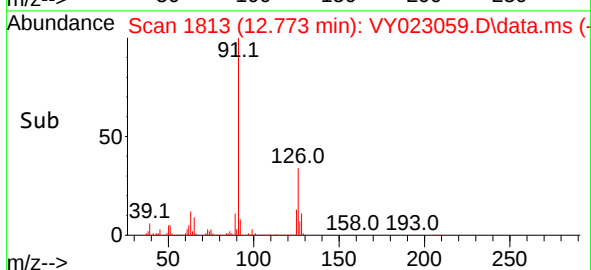
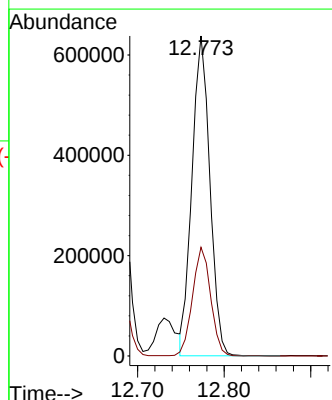
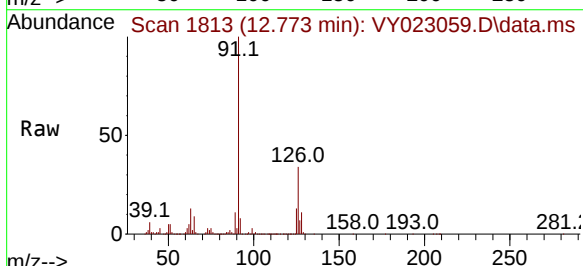
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

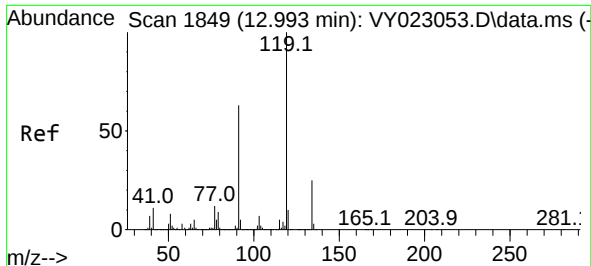
Tgt Ion: 75 Resp: 69624
Ion Ratio Lower Upper
75 100
53 89.4 70.8 106.2
89 44.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 50.659 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 91 Resp: 913772
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0

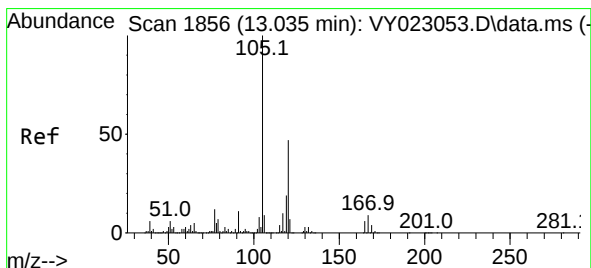
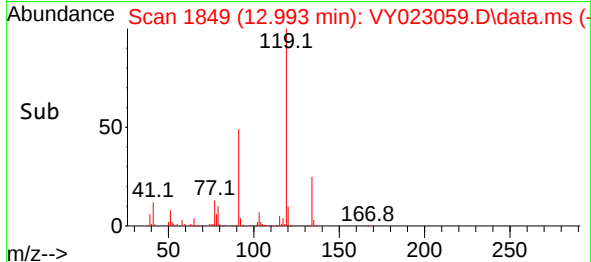
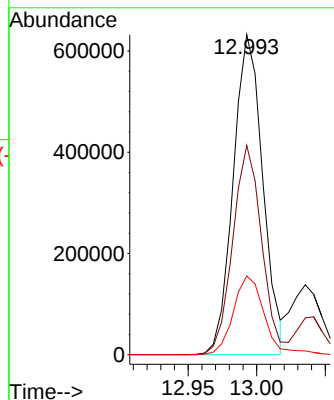
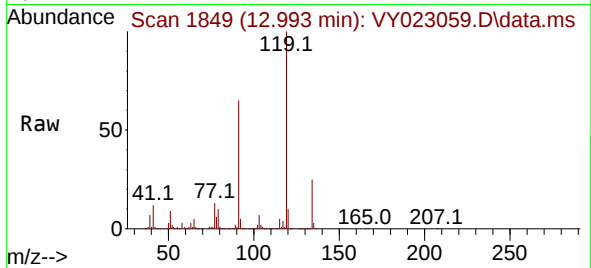




#83
 tert-Butylbenzene
 Concen: 51.072 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

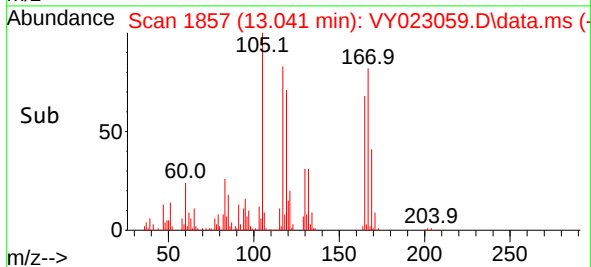
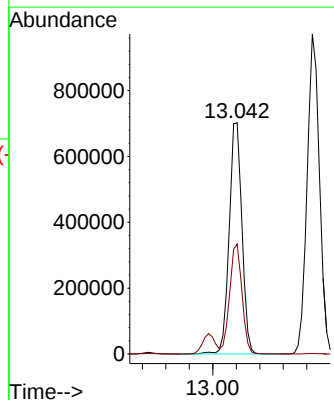
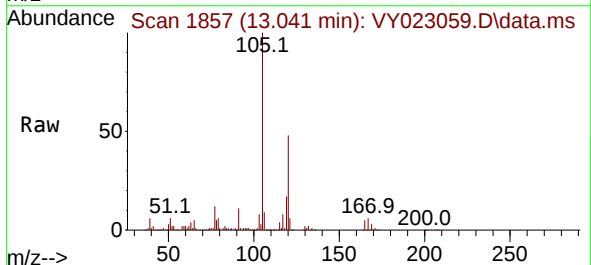
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

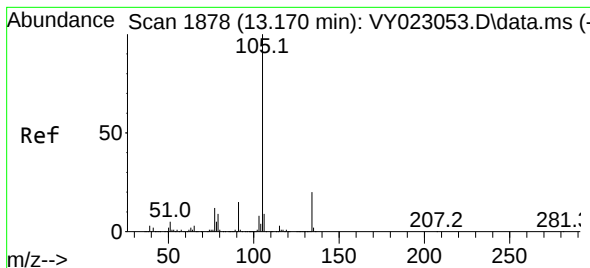
Tgt Ion:119 Resp: 950248
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.6 94.8
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.723 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

Tgt Ion:105 Resp: 1060687
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.748 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

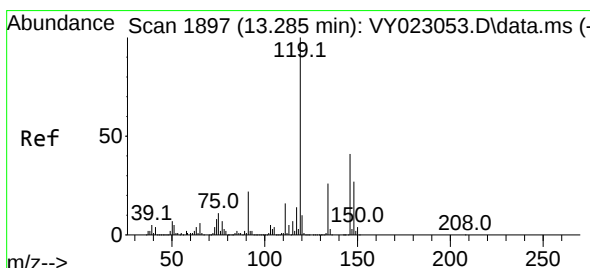
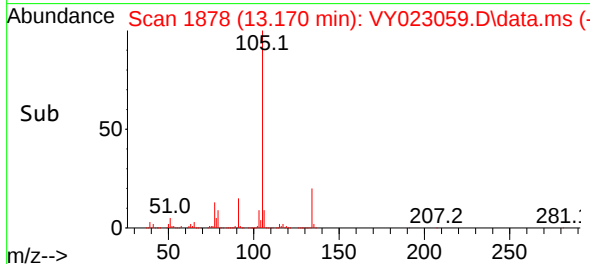
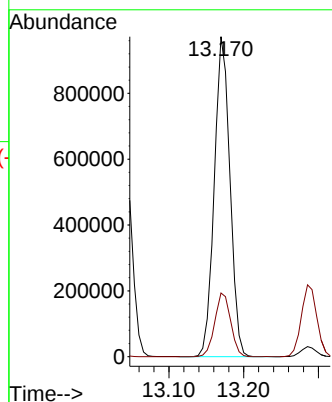
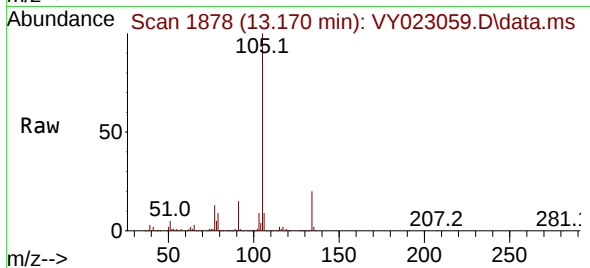
VSTDCCC050

Tgt Ion:105 Resp: 1414361

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.130 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

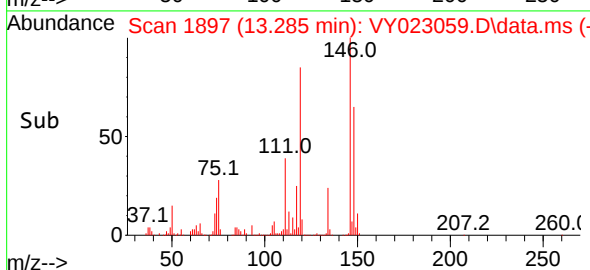
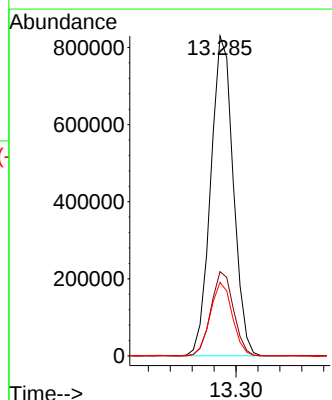
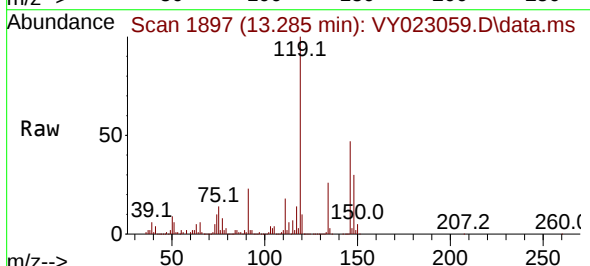
Tgt Ion:119 Resp: 1182656

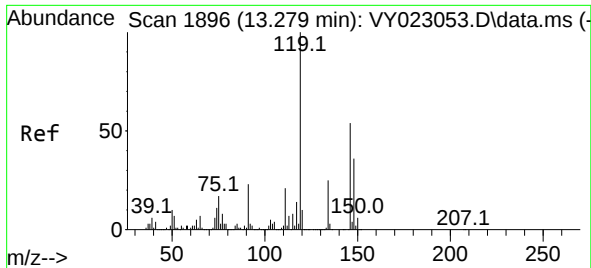
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 22.7 11.3 33.8

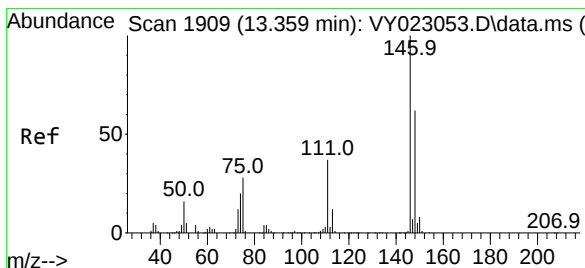
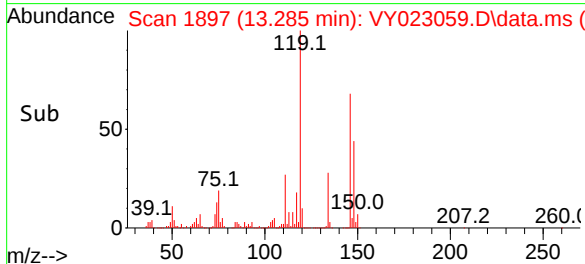
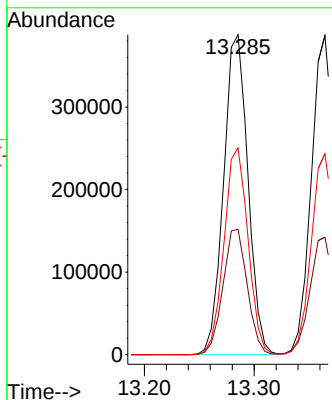
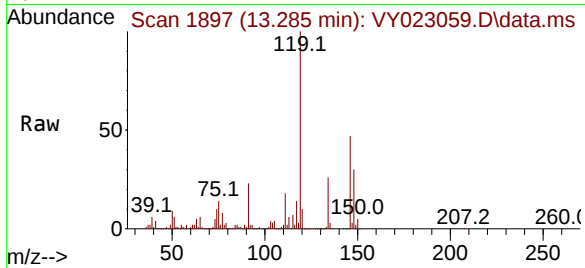




#87
 1,3-Dichlorobenzene
 Concen: 49.866 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

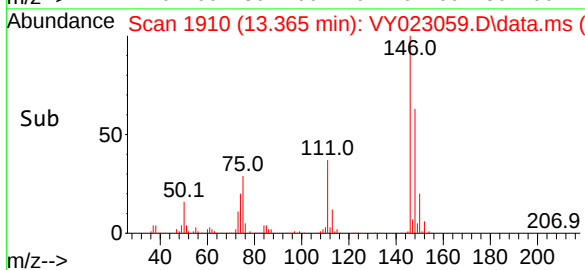
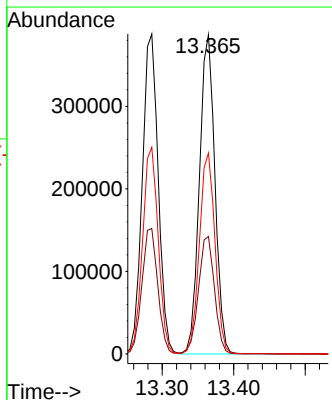
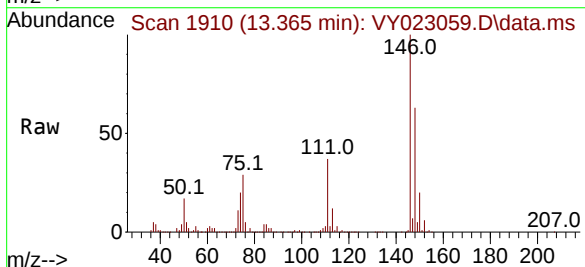
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

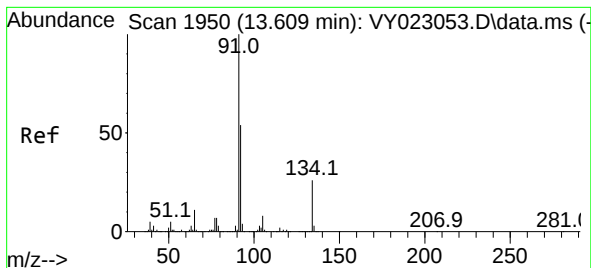
Tgt Ion:146 Resp: 598001
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 48.956 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023059.D
 Acq: 13 Aug 2025 09:37

Tgt Ion:146 Resp: 582375
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 52.737 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

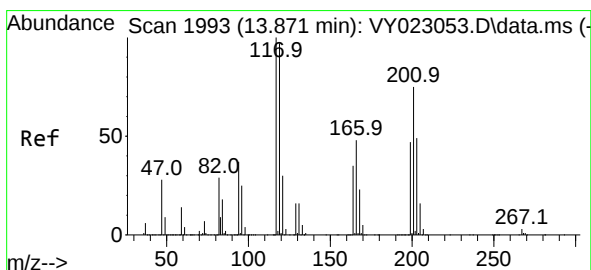
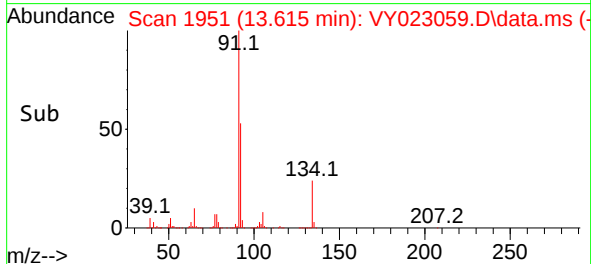
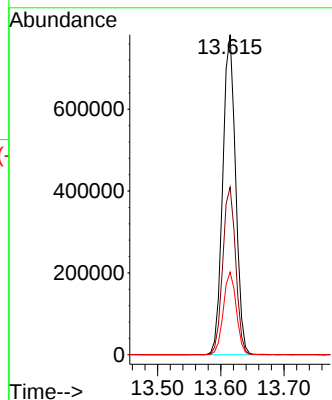
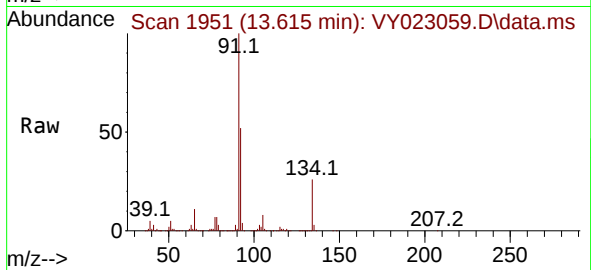
Tgt Ion: 91 Resp: 1098867

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 25.9 13.2 39.5



#90

Hexachloroethane

Concen: 50.439 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023059.D

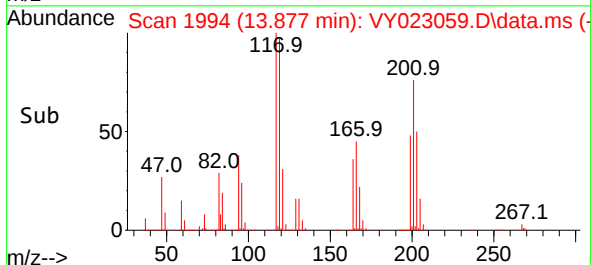
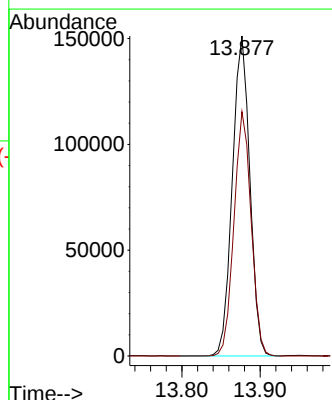
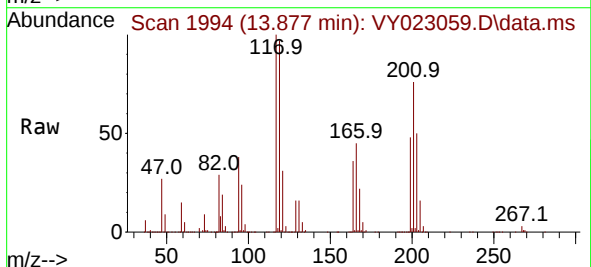
Acq: 13 Aug 2025 09:37

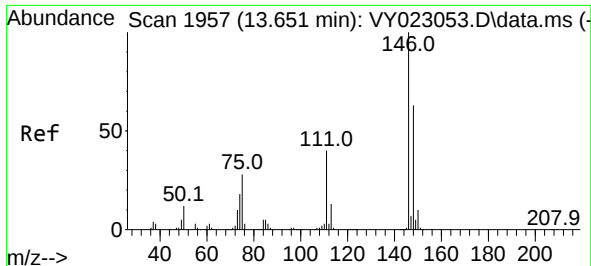
Tgt Ion: 117 Resp: 234252

Ion Ratio Lower Upper

117 100

201 75.0 38.4 115.1

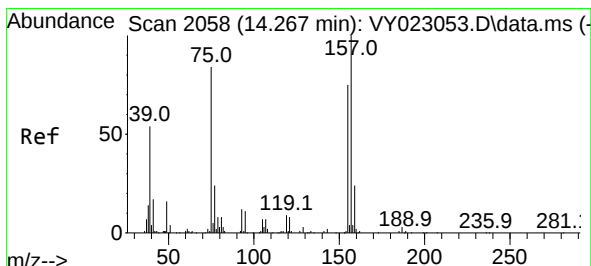
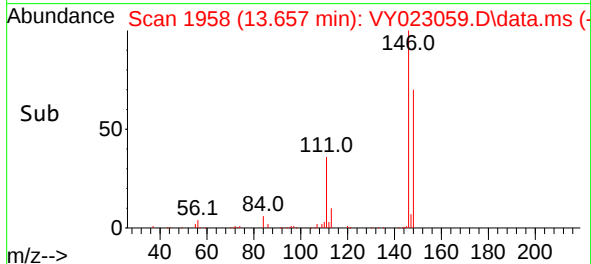
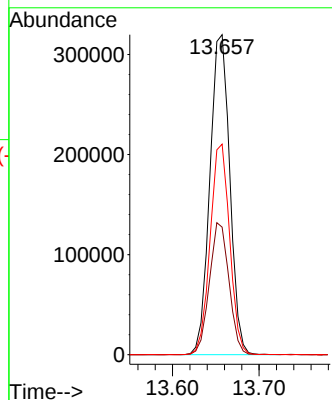
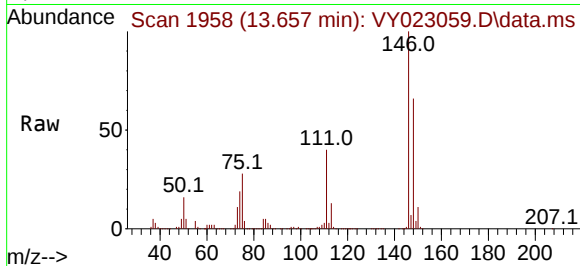




#91
1,2-Dichlorobenzene
Concen: 48.490 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

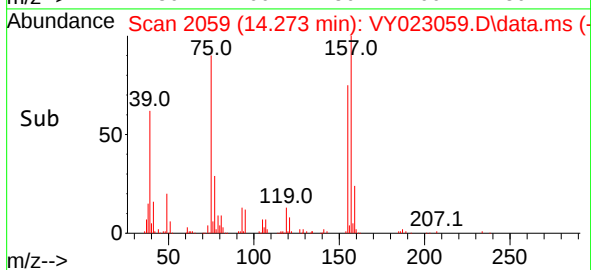
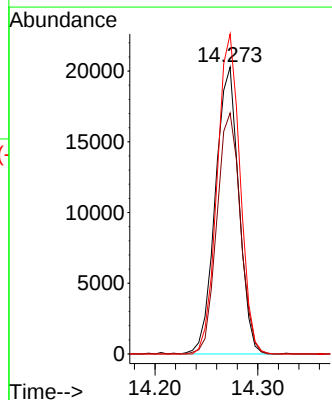
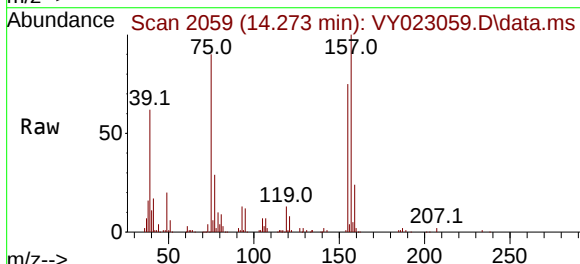
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

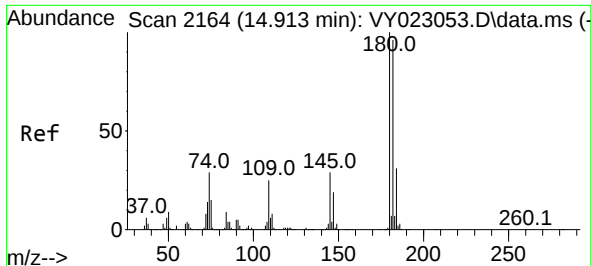
Tgt Ion:146 Resp: 509973
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 64.7 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.451 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion: 75 Resp: 32155
Ion Ratio Lower Upper
75 100
155 83.9 43.9 131.6
157 108.4 57.2 171.6

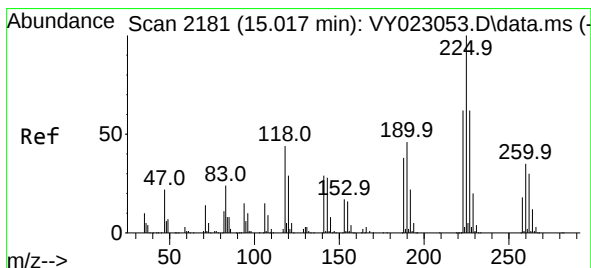
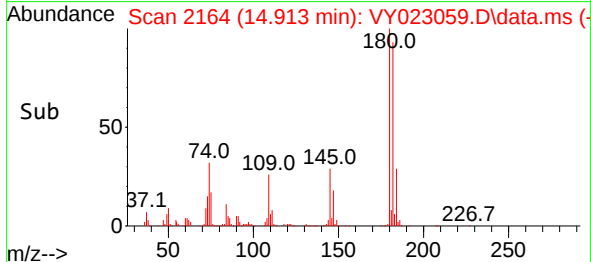
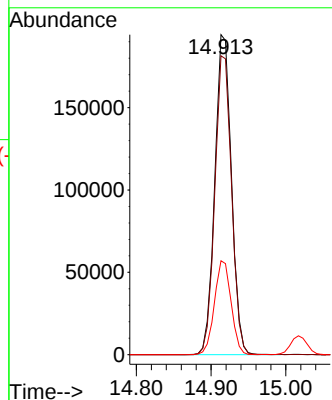
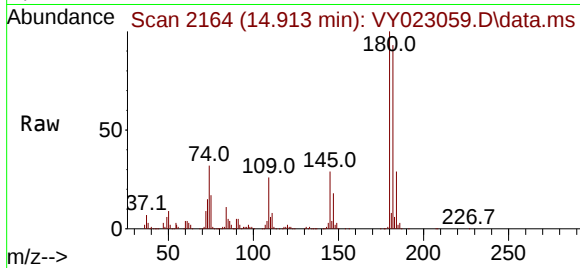




#93
1,2,4-Trichlorobenzene
Concen: 48.250 ug/l
RT: 14.913 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

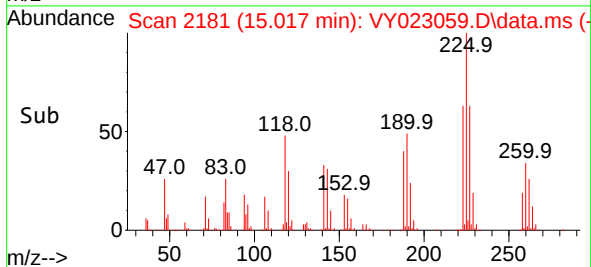
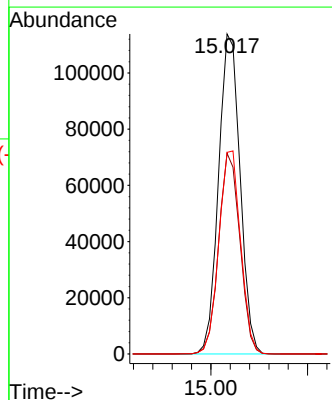
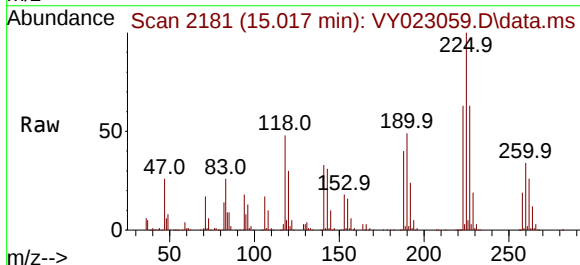
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 300082
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.4
145 29.5 14.4 43.4



#94
Hexachlorobutadiene
Concen: 48.048 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023059.D
Acq: 13 Aug 2025 09:37

Tgt Ion:225 Resp: 175599
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.8
227 64.2 31.5 94.5





#95

Naphthalene

Concen: 47.413 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

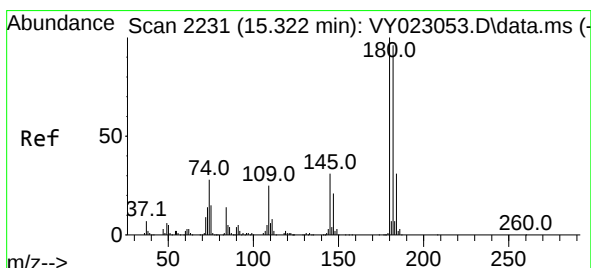
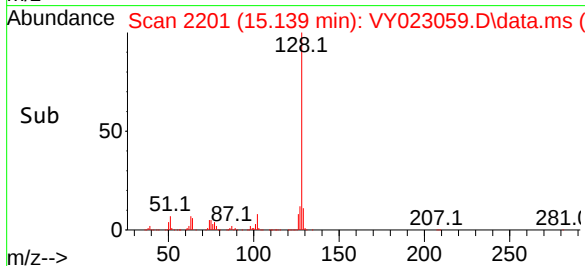
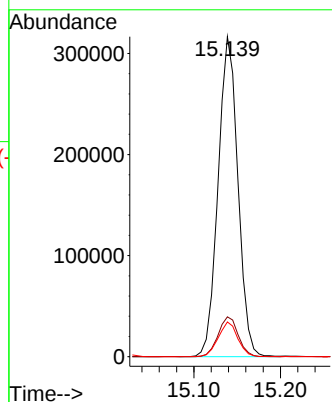
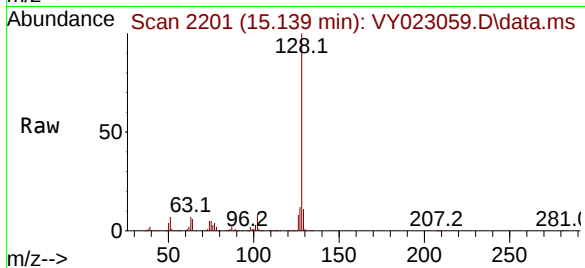
Tgt Ion:128 Resp: 502833

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.7 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 47.023 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY023059.D

Acq: 13 Aug 2025 09:37

Tgt Ion:180 Resp: 252008

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.7

145 30.9 15.9 47.7

