

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022680.D
 Acq On : 12 Jun 2025 18:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 05:44:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	136999	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	235495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	101059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	79610	51.956	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.920%	
35) Dibromofluoromethane	7.628	113	75615	53.795	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.103	98	291026	51.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.402	95	85917	50.771	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	52866	43.101	ug/l	95
3) Chloromethane	2.062	50	187235	51.672	ug/l	98
4) Vinyl Chloride	2.196	62	279389	66.464	ug/l	100
5) Bromomethane	2.586	94	223616	55.502	ug/l	99
6) Chloroethane	2.726	64	201591	69.869	ug/l	95
7) Trichlorofluoromethane	3.037	101	272876	76.467	ug/l	95
8) Diethyl Ether	3.452	74	43629	54.288	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	74043	49.264	ug/l	98
10) Methyl Iodide	3.994	142	77644	47.737	ug/l	99
11) Tert butyl alcohol	4.860	59	30707	280.586	ug/l	95
12) 1,1-Dichloroethene	3.775	96	72741	50.632	ug/l	99
13) Acrolein	3.641	56	15296	112.150	ug/l	98
14) Allyl chloride	4.372	41	104237	46.217	ug/l	94
15) Acrylonitrile	5.055	53	92521	271.834	ug/l	99
16) Acetone	3.860	43	70121	225.339	ug/l	98
17) Carbon Disulfide	4.092	76	215675	46.891	ug/l	99
18) Methyl Acetate	4.379	43	51070	55.421	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	215629	53.288	ug/l	100
20) Methylene Chloride	4.604	84	89370	50.560	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	83149	51.712	ug/l	95
22) Diisopropyl ether	6.012	45	252992	50.395	ug/l	99
23) Vinyl Acetate	5.951	43	753017	253.427	ug/l	99
24) 1,1-Dichloroethane	5.903	63	155784	52.675	ug/l	99
25) 2-Butanone	6.890	43	115865	258.133	ug/l	99
26) 2,2-Dichloropropane	6.872	77	115930	44.365	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	101742	54.744	ug/l	97
28) Bromochloromethane	7.238	49	67735	52.540	ug/l	98
29) Tetrahydrofuran	7.256	42	77933	269.198	ug/l	97
30) Chloroform	7.415	83	161361	55.084	ug/l	97
31) Cyclohexane	7.695	56	129309	43.918	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	137352	52.819	ug/l	99
36) 1,1-Dichloropropene	7.829	75	113148	49.597	ug/l	99
37) Ethyl Acetate	6.982	43	53071	52.165	ug/l	98
38) Carbon Tetrachloride	7.811	117	119705	51.149	ug/l	99
39) Methylcyclohexane	9.103	83	143341	46.755	ug/l	97
40) Benzene	8.073	78	355760	52.798	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26775	45.057	ug/l	91
42) 1,2-Dichloroethane	8.152	62	98911	53.762	ug/l	98
43) Isopropyl Acetate	8.195	43	114872	52.281	ug/l	99
44) Trichloroethene	8.859	130	90079	54.699	ug/l	94
45) 1,2-Dichloropropane	9.134	63	86342	54.220	ug/l	96
46) Dibromomethane	9.225	93	48079	53.666	ug/l	98
47) Bromodichloromethane	9.420	83	124677	54.884	ug/l	99
48) Methyl methacrylate	9.213	41	51285	49.732	ug/l	92
49) 1,4-Dioxane	9.225	88	12161	1145.796	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	301306	275.049	ug/l	96
52) Toluene	10.164	92	225706	53.303	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	110210	51.780	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	129395	52.225	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	63963	55.992	ug/l	95
56) Ethyl methacrylate	10.432	69	89251	54.055	ug/l	98
57) 1,3-Dichloropropane	10.713	76	111840	55.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	213014	284.158	ug/l	99
59) 2-Hexanone	10.755	43	198258	270.609	ug/l	98
60) Dibromochloromethane	10.908	129	80214	55.253	ug/l	98
61) 1,2-Dibromoethane	11.012	107	58859	56.530	ug/l	94
64) Tetrachloroethene	10.640	164	108042	61.203	ug/l	98
65) Chlorobenzene	11.438	112	238626	52.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	81699	53.405	ug/l	99
67) Ethyl Benzene	11.511	91	432263	51.320	ug/l	99
68) m/p-Xylenes	11.621	106	328915	103.010	ug/l	99
69) o-Xylene	11.950	106	155703	52.011	ug/l	99
70) Styrene	11.963	104	264193	53.388	ug/l	98
71) Bromoform	12.127	173	44276	54.388	ug/l #	99
73) Isopropylbenzene	12.249	105	403381	48.618	ug/l	100
74) N-amyl acetate	12.066	43	105950	50.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	65584	48.162	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	93190	80.604	ug/l #	100
77) Bromobenzene	12.523	156	86705	49.522	ug/l	99
78) n-propylbenzene	12.590	91	485434	47.902	ug/l	98
79) 2-Chlorotoluene	12.676	91	261420	48.673	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	317539	48.748	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	20996	43.856	ug/l	96
82) 4-Chlorotoluene	12.773	91	272608	49.201	ug/l	99
83) tert-Butylbenzene	12.993	119	285553	48.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	319144	48.987	ug/l	100
85) sec-Butylbenzene	13.170	105	431821	48.228	ug/l	99
86) p-Isopropyltoluene	13.285	119	360483	48.843	ug/l	98
87) 1,3-Dichlorobenzene	13.279	146	178064	50.196	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	170097	49.437	ug/l	98
89) n-Butylbenzene	13.609	91	339862	48.536	ug/l	99
90) Hexachloroethane	13.871	117	72498	50.457	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	154851	51.414	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11004	55.503	ug/l	93
93) 1,2,4-Trichlorobenzene	14.913	180	85657	52.146	ug/l	98
94) Hexachlorobutadiene	15.017	225	45504	50.190	ug/l	99
95) Naphthalene	15.139	128	174299	55.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	75603	53.704	ug/l	99

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QLast Update : Tue Jun 10 15:26:14 2025
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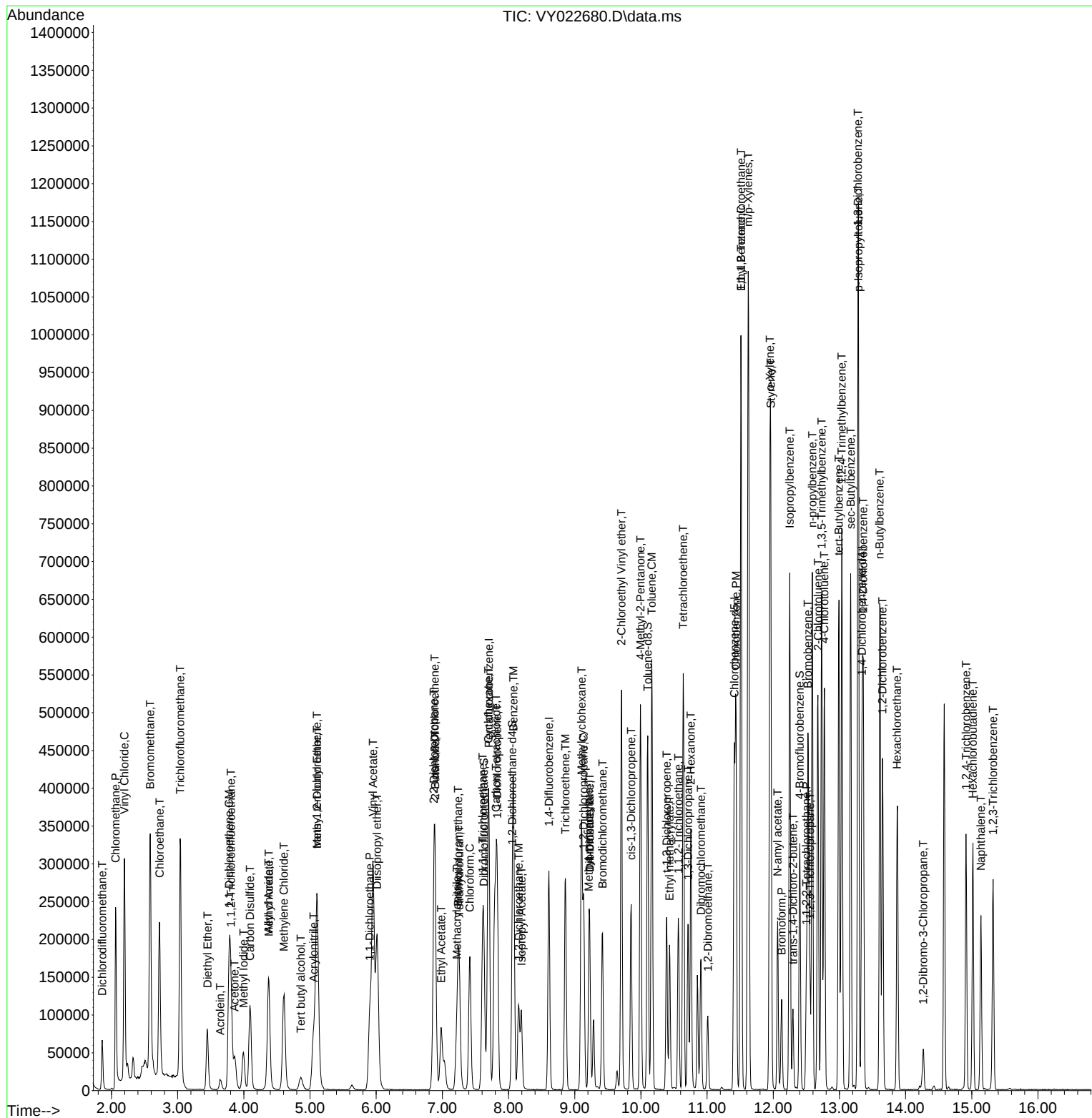
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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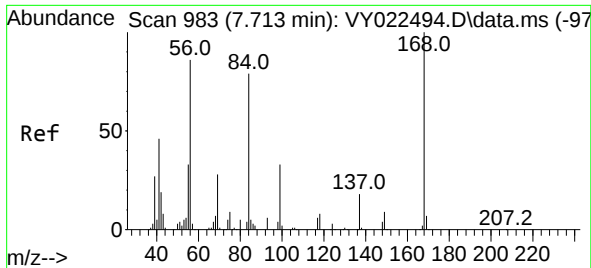
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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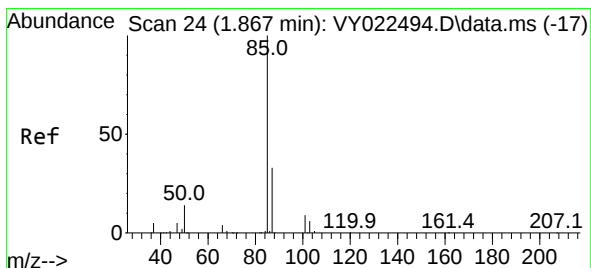
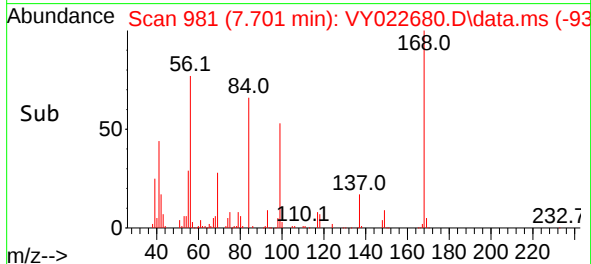
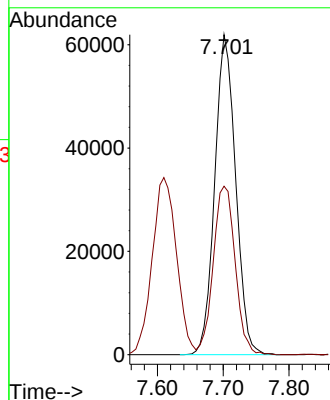
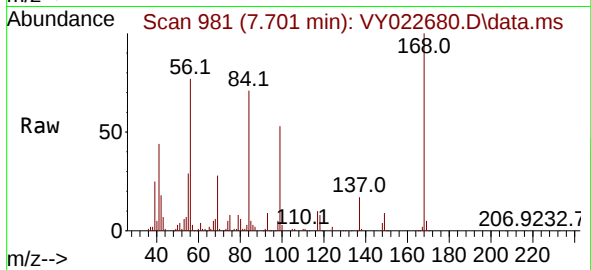




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
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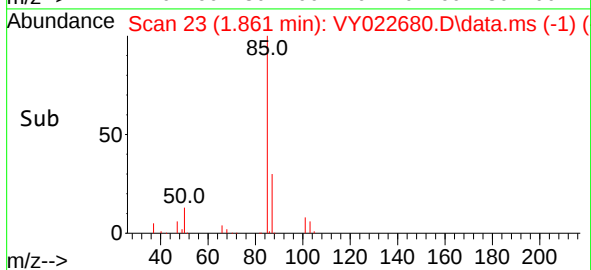
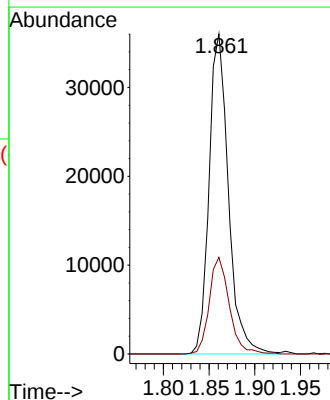
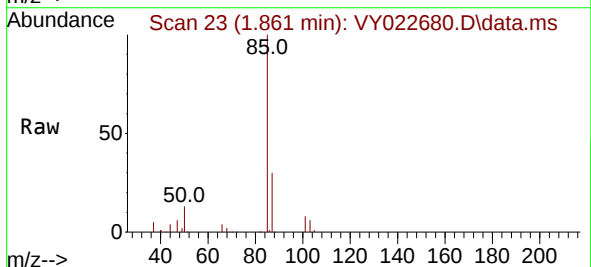
Instrument :
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VSTDCCC050EC

Tgt Ion:168 Resp: 136999
Ion Ratio Lower Upper
168 100
99 52.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.101 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 85 Resp: 52866
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0

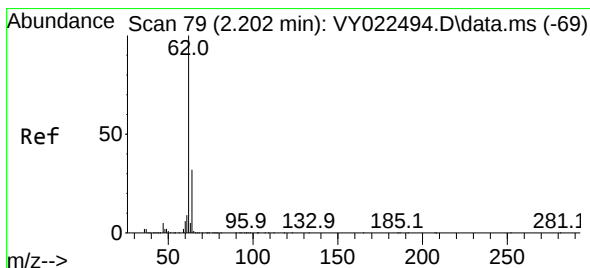
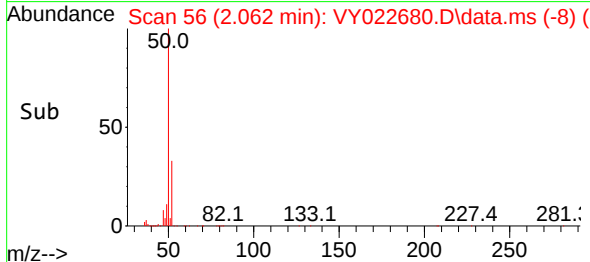
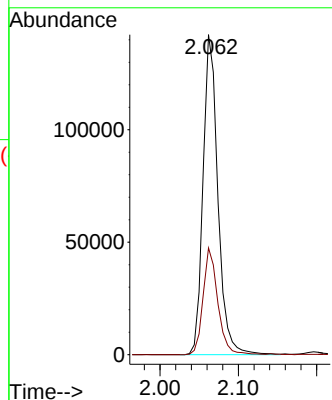
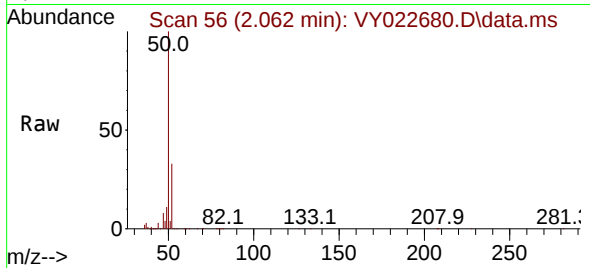




#3
Chloromethane
Concen: 51.672 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

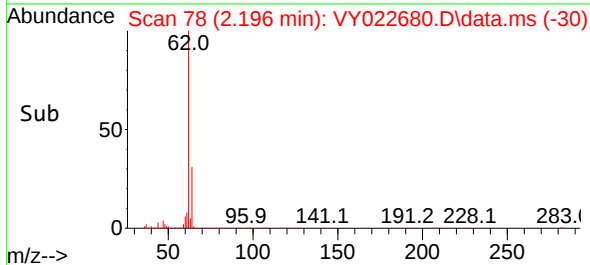
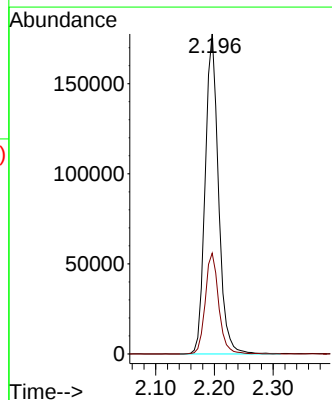
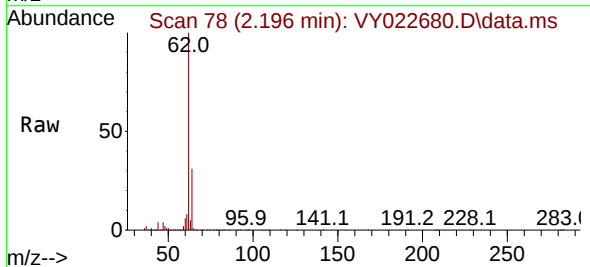
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ClientSampleId :
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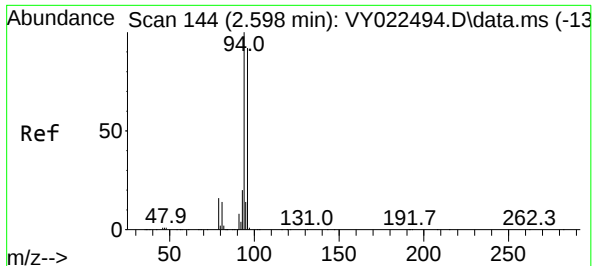
Tgt Ion: 50 Resp: 187235
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 66.464 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 62 Resp: 279389
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

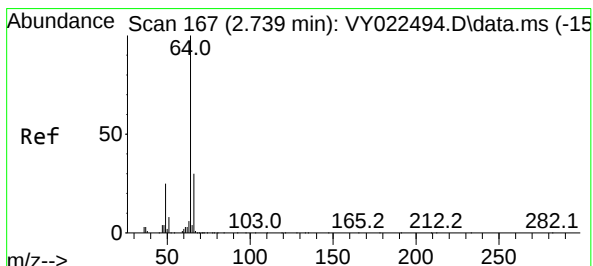
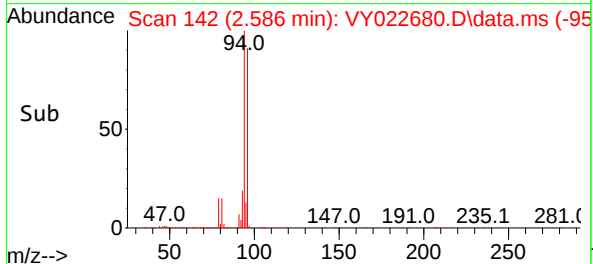
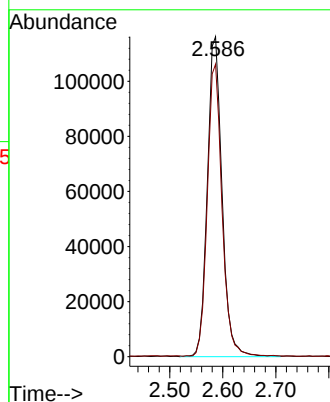
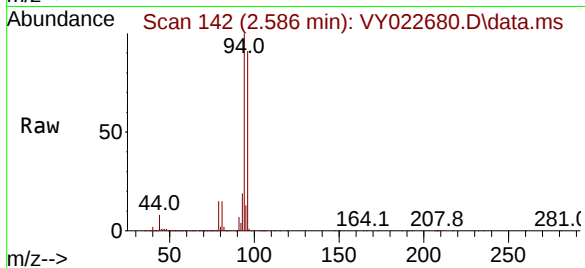




#5
Bromomethane
Concen: 55.502 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022680.D
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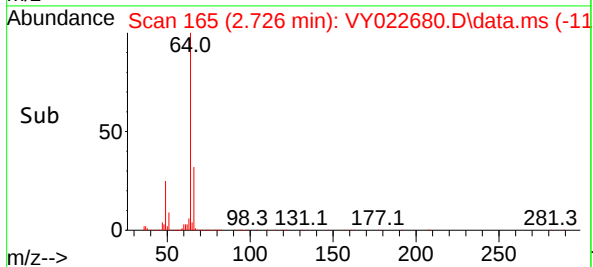
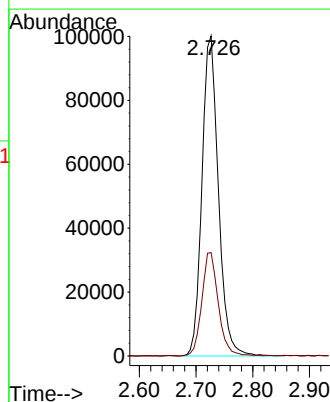
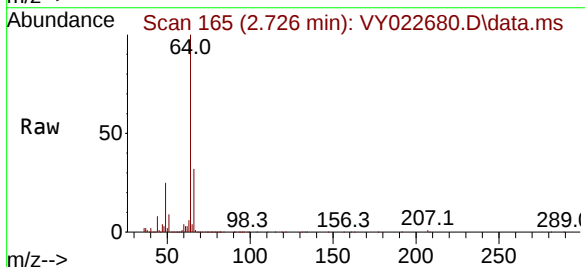
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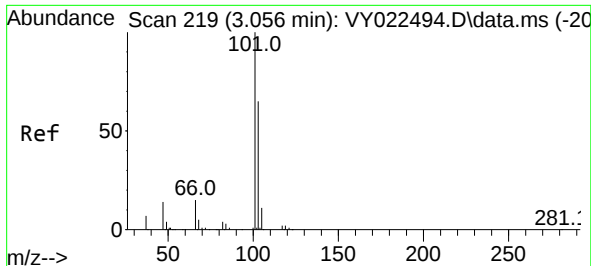
Tgt Ion: 94 Resp: 223616
Ion Ratio Lower Upper
94 100
96 91.1 74.0 111.0



#6
Chloroethane
Concen: 69.869 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 201591
Ion Ratio Lower Upper
64 100
66 32.3 23.8 35.6

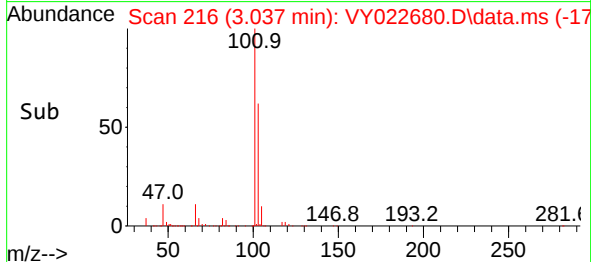
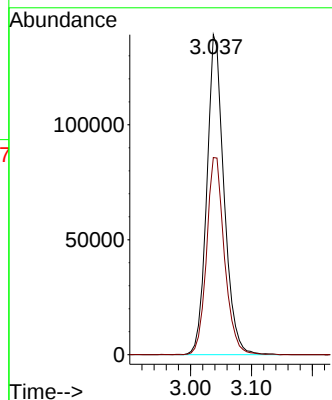
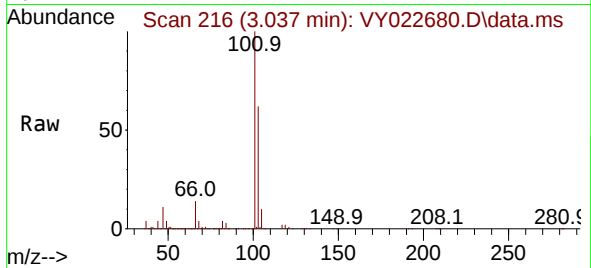




#7
Trichlorofluoromethane
Concen: 76.467 ug/l
RT: 3.037 min Scan# 219
Delta R.T. -0.018 min
Lab File: VY022680.D
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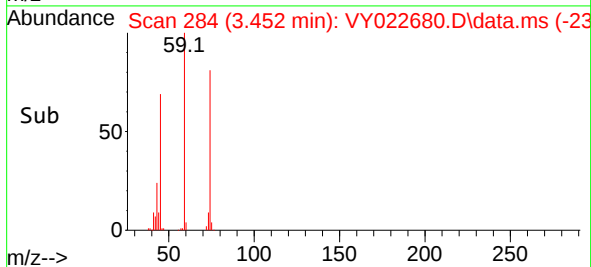
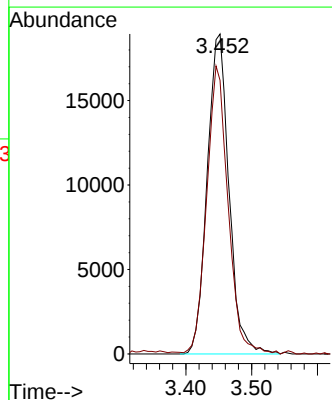
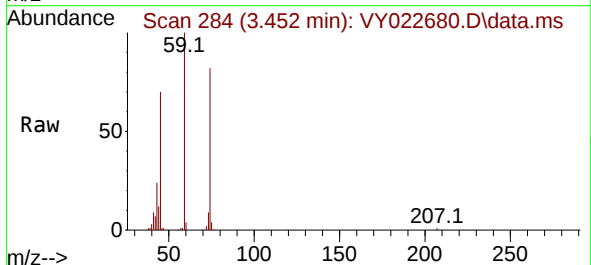
Instrument :
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Tgt Ion:101 Resp: 272876
Ion Ratio Lower Upper
101 100
103 61.6 52.2 78.2



#8
Diethyl Ether
Concen: 54.288 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022680.D
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Tgt Ion: 74 Resp: 43629
Ion Ratio Lower Upper
74 100
45 88.5 45.9 137.6

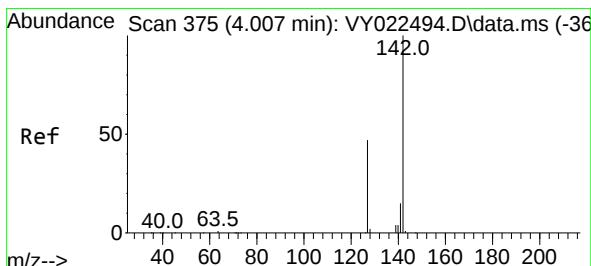
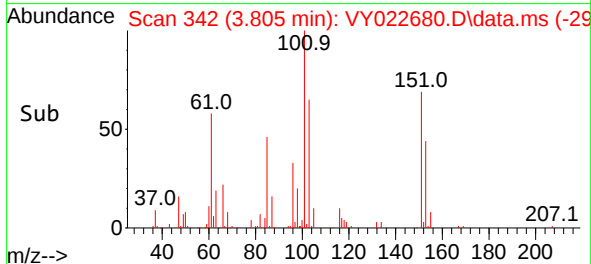
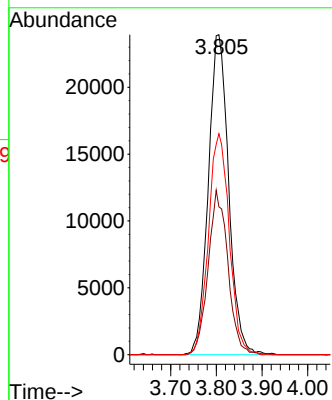
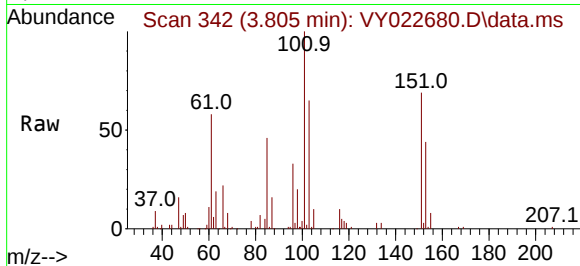




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.264 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY022680.D
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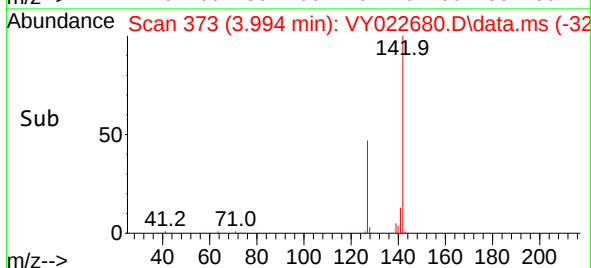
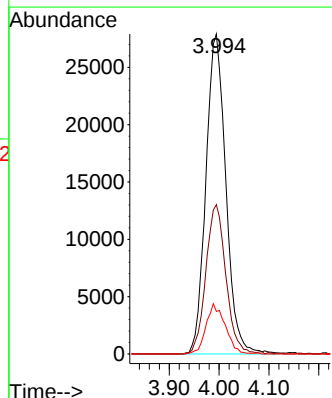
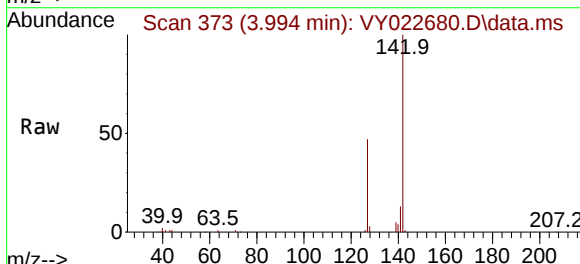
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

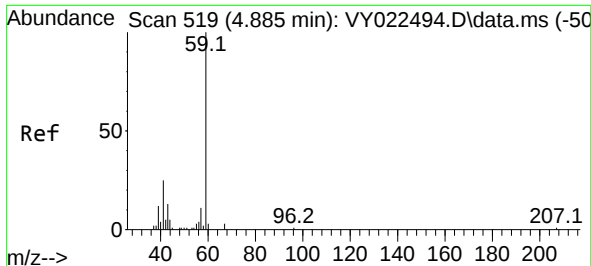
Tgt Ion:101 Resp: 74043
Ion Ratio Lower Upper
101 100
85 49.9 39.3 58.9
151 70.6 57.8 86.8



#10
Methyl Iodide
Concen: 47.737 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion:142 Resp: 77644
Ion Ratio Lower Upper
142 100
127 46.9 37.1 55.7
141 15.2 11.4 17.2

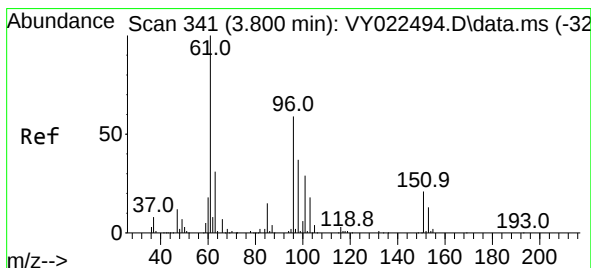
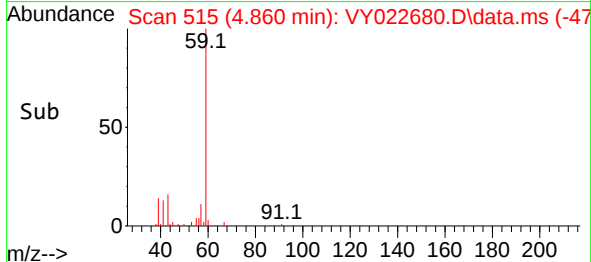
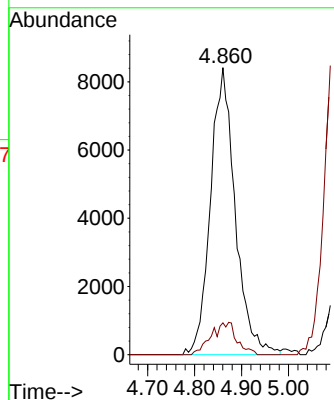
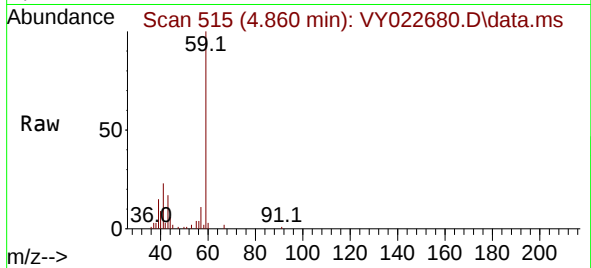




#11
Tert butyl alcohol
Concen: 280.586 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

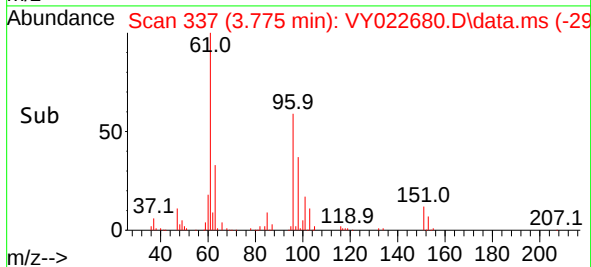
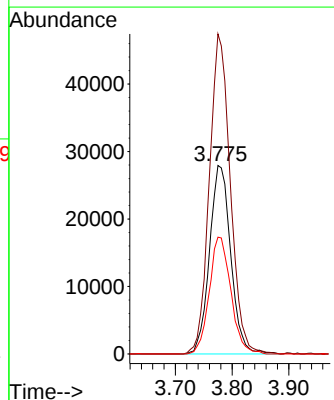
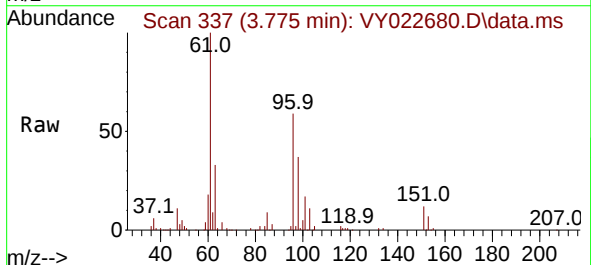
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

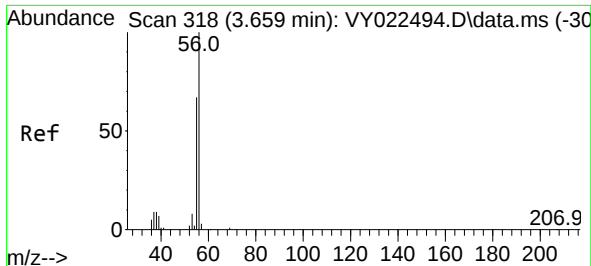
Tgt Ion: 59 Resp: 30707
Ion Ratio Lower Upper
59 100
57 11.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 50.632 ug/l
RT: 3.775 min Scan# 337
Delta R.T. -0.025 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 96 Resp: 72741
Ion Ratio Lower Upper
96 100
61 169.8 134.6 201.8
98 62.0 50.2 75.4

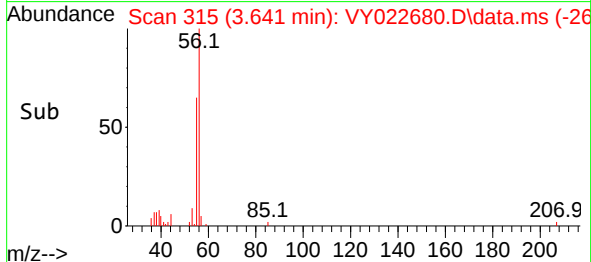
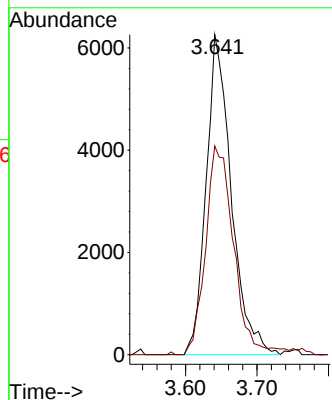
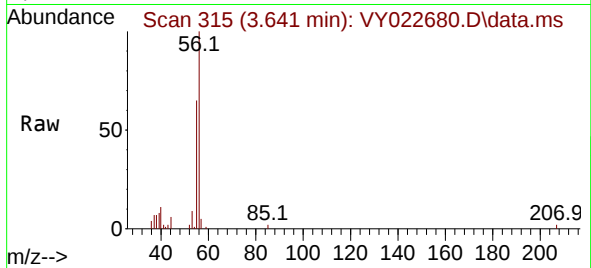




#13
Acrolein
Concen: 112.150 ug/l
RT: 3.641 min Scan# 318
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

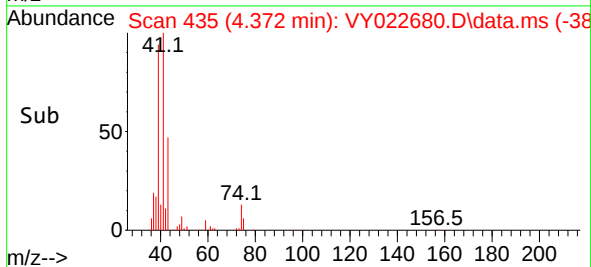
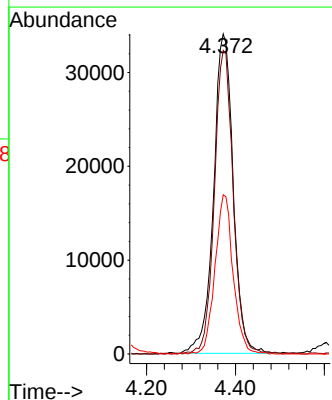
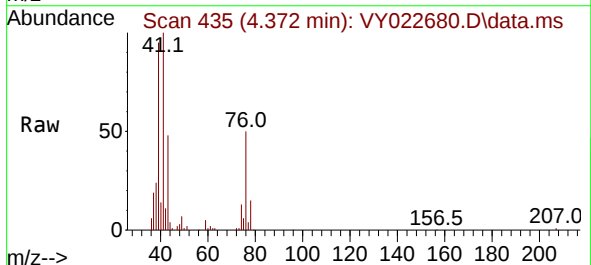
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 15296
Ion Ratio Lower Upper
56 100
55 72.6 57.0 85.6



#14
Allyl chloride
Concen: 46.217 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 41 Resp: 104237
Ion Ratio Lower Upper
41 100
39 91.4 69.1 103.7
76 46.2 33.5 50.3

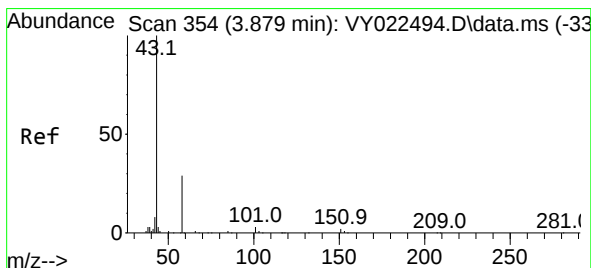
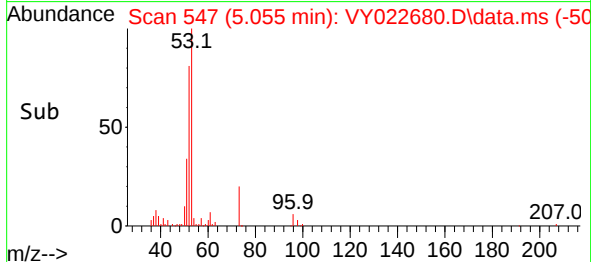
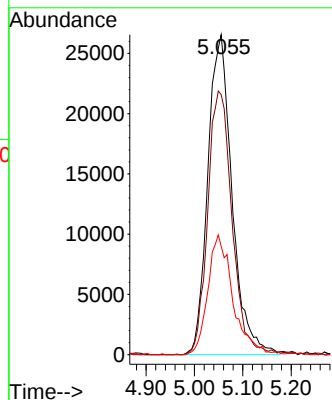
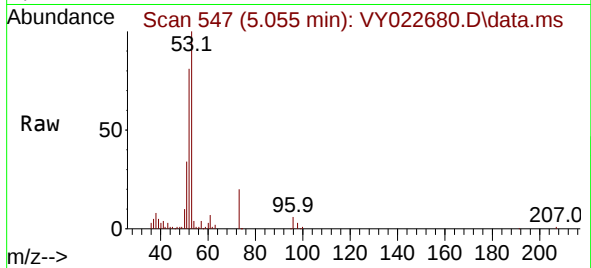




#15
Acrylonitrile
Concen: 271.834 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

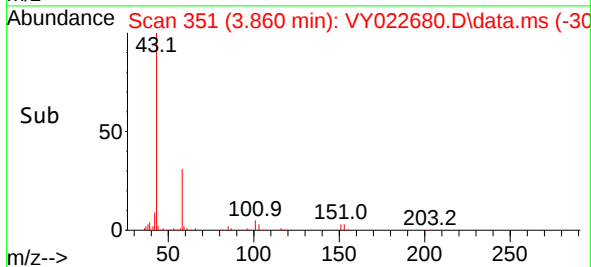
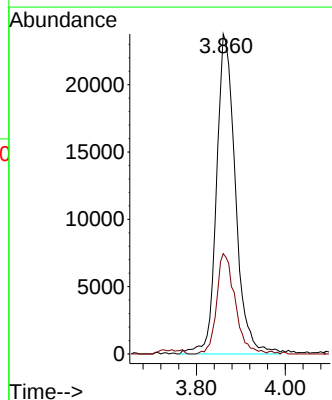
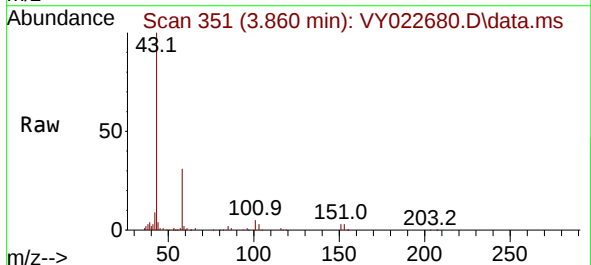
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

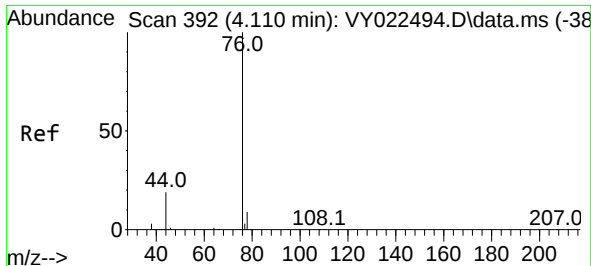
Tgt Ion: 53 Resp: 92521
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 38.4 30.1 45.1



#16
Acetone
Concen: 225.339 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 43 Resp: 70121
Ion Ratio Lower Upper
43 100
58 31.3 24.0 36.0

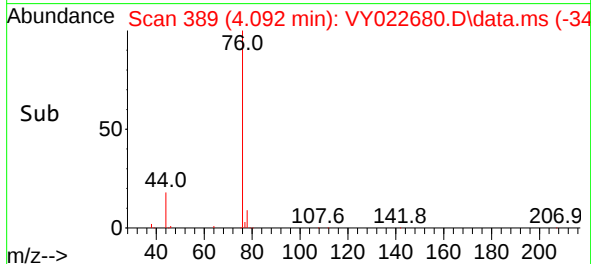
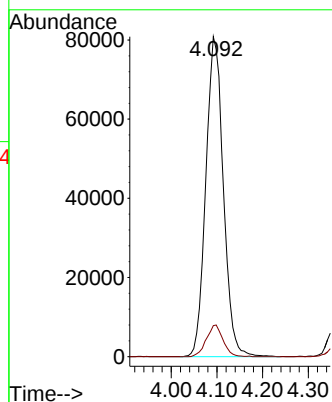
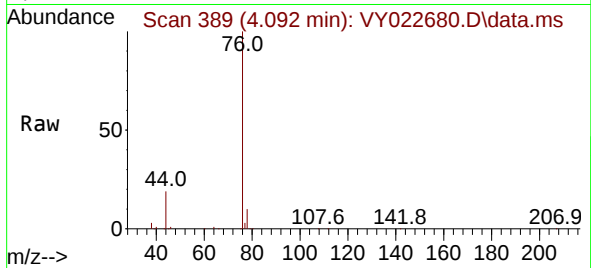




#17
Carbon Disulfide
Concen: 46.891 ug/l
RT: 4.092 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

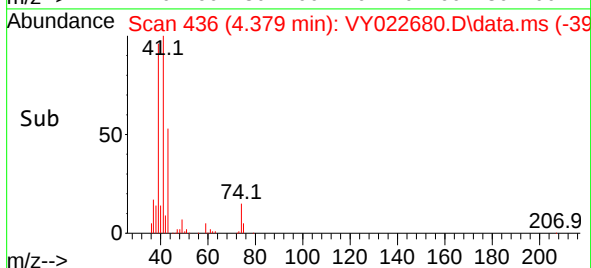
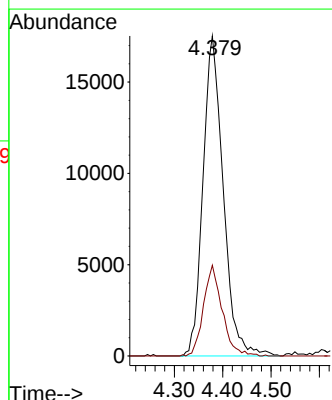
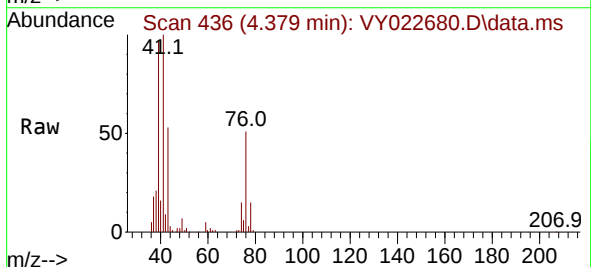
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

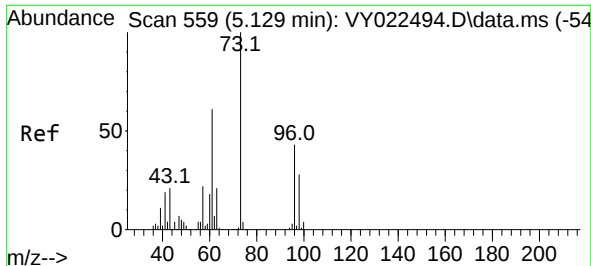
Tgt Ion: 76 Resp: 215675
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 55.421 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 43 Resp: 51070
Ion Ratio Lower Upper
43 100
74 26.1 19.8 29.6

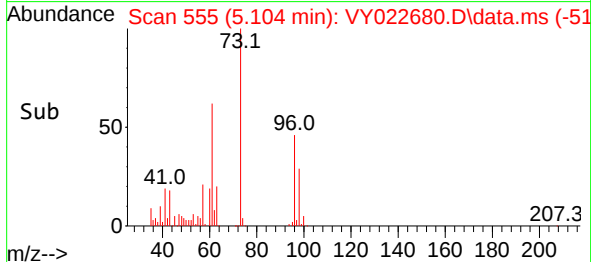
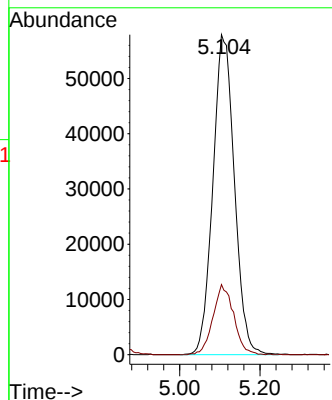
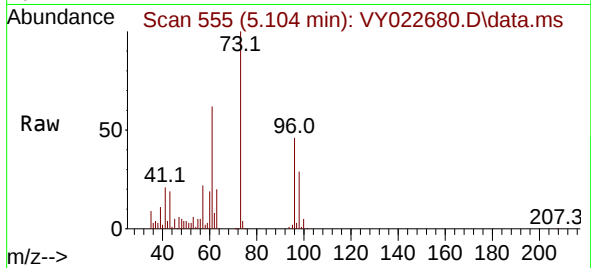




#19
Methyl tert-butyl Ether
Concen: 53.288 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

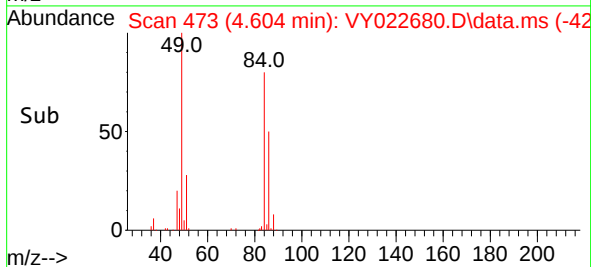
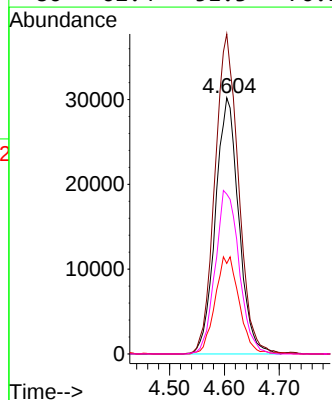
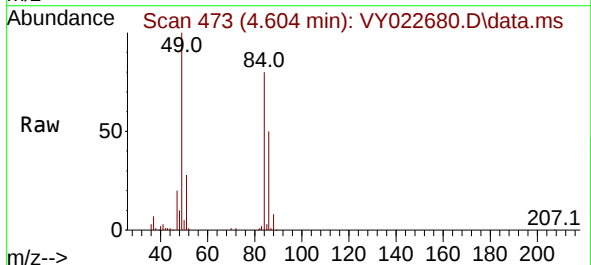
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

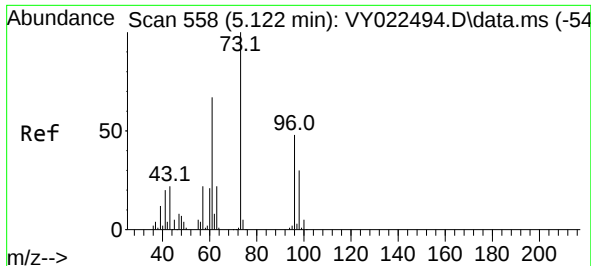
Tgt Ion: 73 Resp: 215629
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 50.560 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 84 Resp: 89370
Ion Ratio Lower Upper
84 100
49 124.9 101.9 152.9
51 35.3 29.8 44.8
86 62.4 51.3 76.9

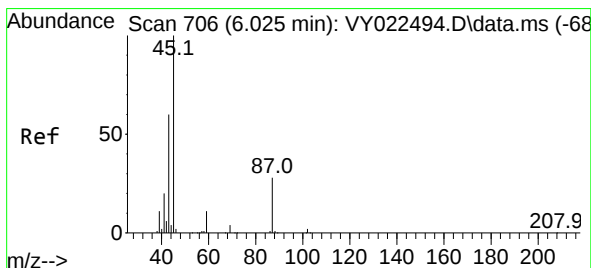
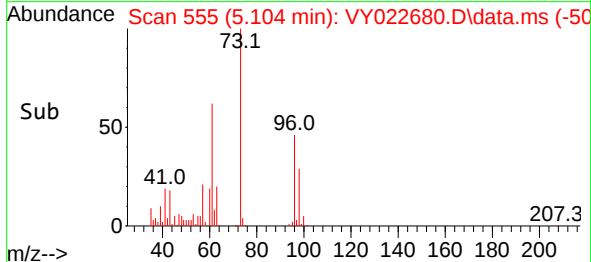
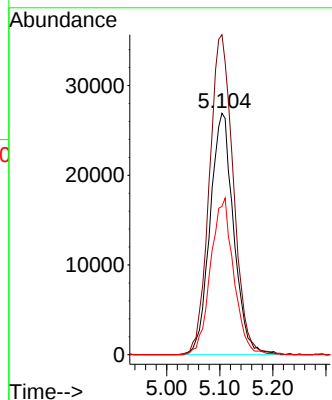
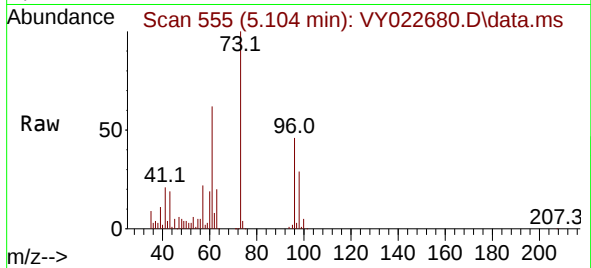




#21
trans-1,2-Dichloroethene
Concen: 51.712 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

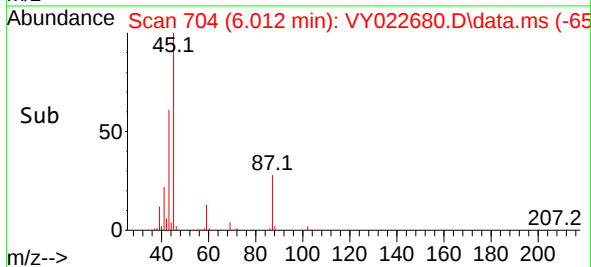
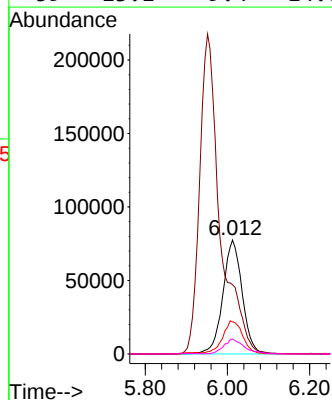
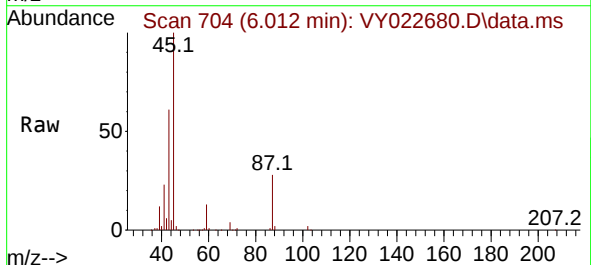
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

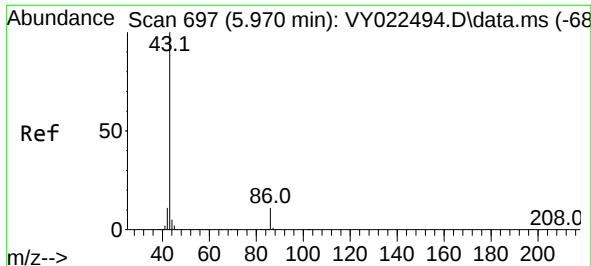
Tgt Ion: 96 Resp: 83149
Ion Ratio Lower Upper
96 100
61 132.3 112.6 169.0
98 61.4 50.6 75.8



#22
Diisopropyl ether
Concen: 50.395 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 45 Resp: 252992
Ion Ratio Lower Upper
45 100
43 60.6 48.3 72.5
87 28.1 23.0 34.6
59 13.1 9.4 14.0

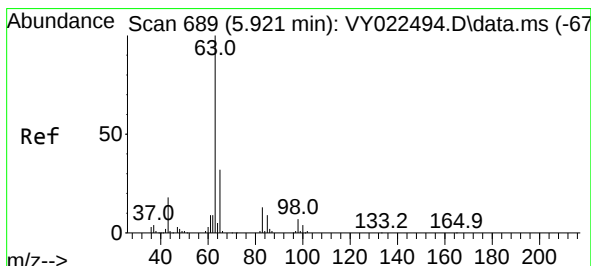
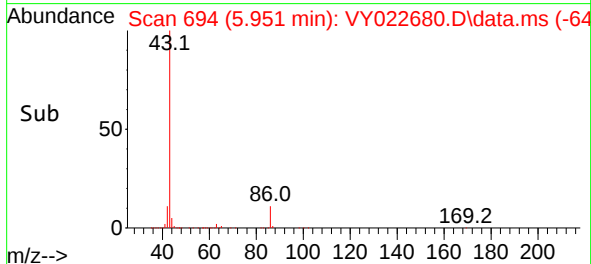
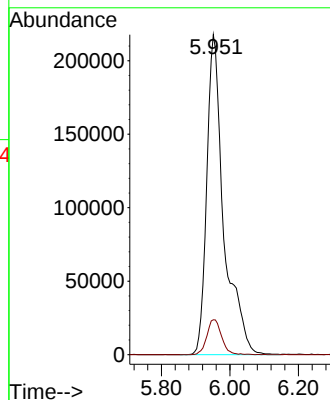
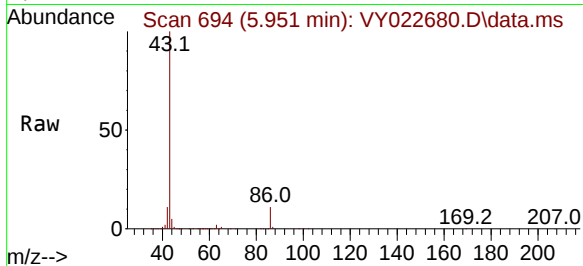




#23
Vinyl Acetate
Concen: 253.427 ug/l
RT: 5.951 min Scan# 694
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

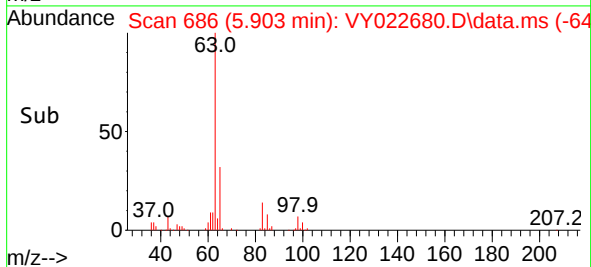
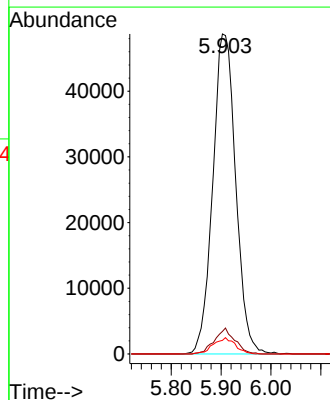
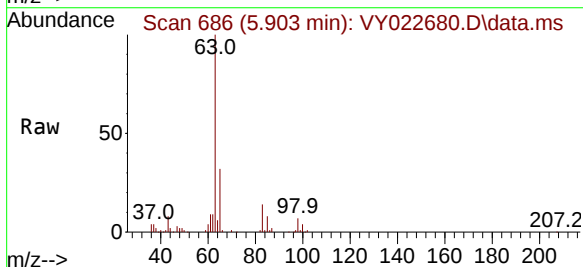
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 753017
Ion Ratio Lower Upper
43 100
86 10.9 8.6 12.8



#24
1,1-Dichloroethane
Concen: 52.675 ug/l
RT: 5.903 min Scan# 686
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 63 Resp: 155784
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.1
100 4.3 2.1 6.3

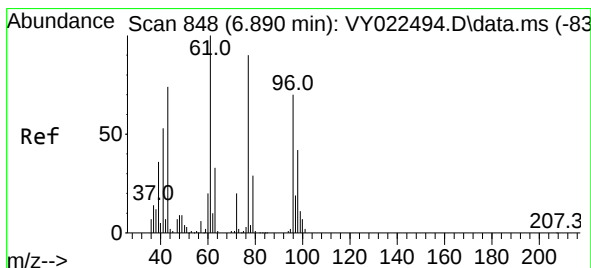
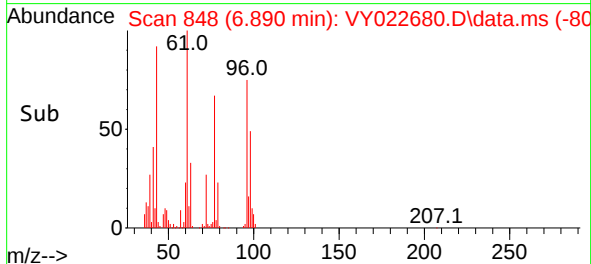
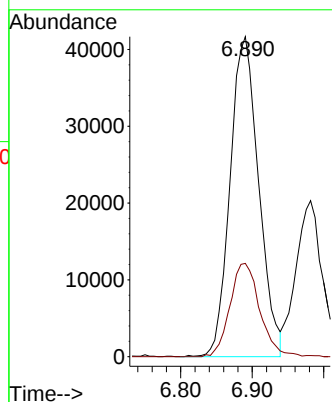
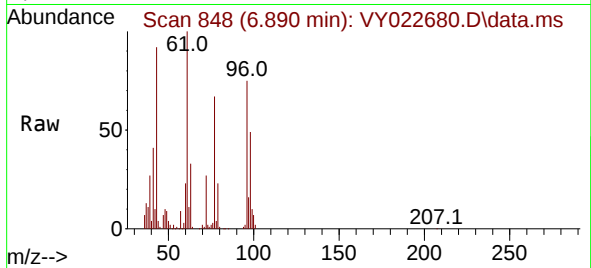




#25
2-Butanone
Concen: 258.133 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

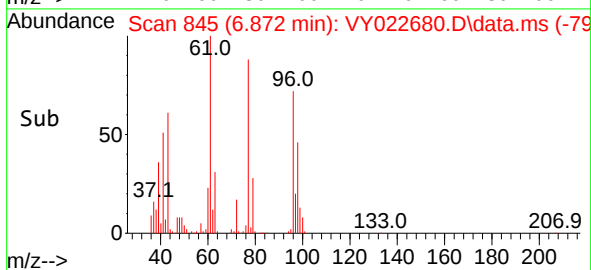
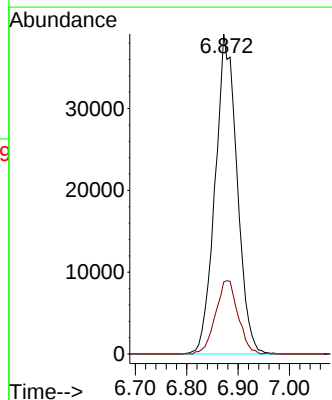
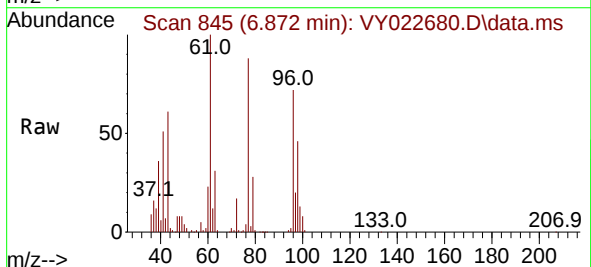
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 115865
Ion Ratio Lower Upper
43 100
72 29.2 22.9 34.3



#26
2,2-Dichloropropane
Concen: 44.365 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 77 Resp: 115930
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 54.744 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

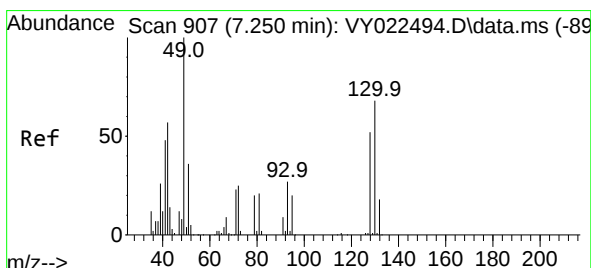
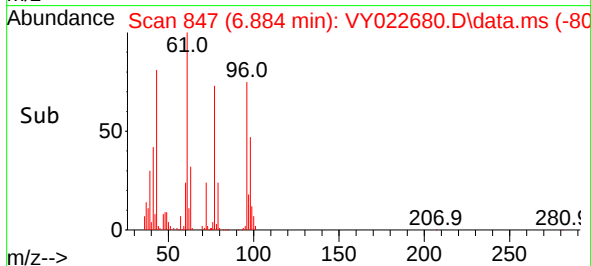
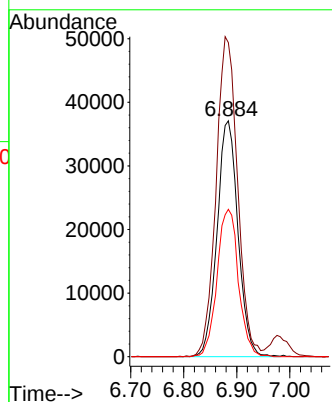
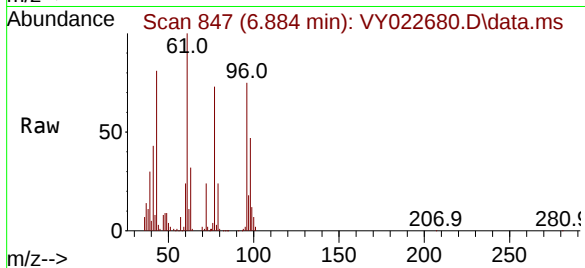
Tgt Ion: 96 Resp: 101742

Ion Ratio Lower Upper

96 100

61 139.3 0.0 290.0

98 63.9 0.0 128.4



#28

Bromochloromethane

Concen: 52.540 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

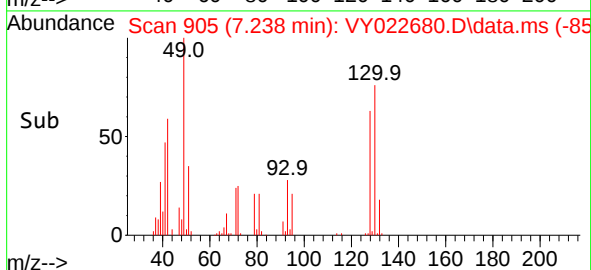
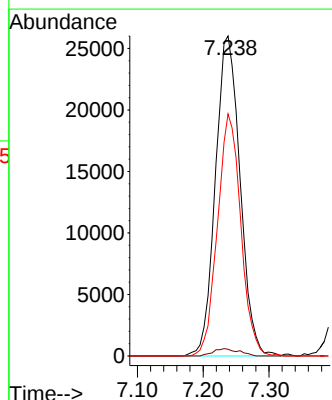
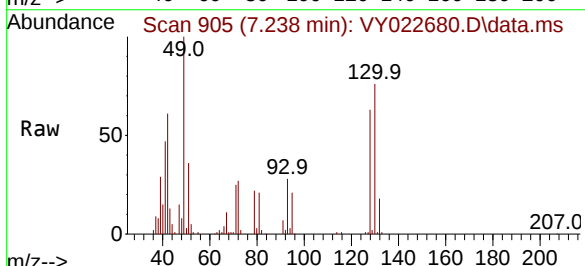
Tgt Ion: 49 Resp: 67735

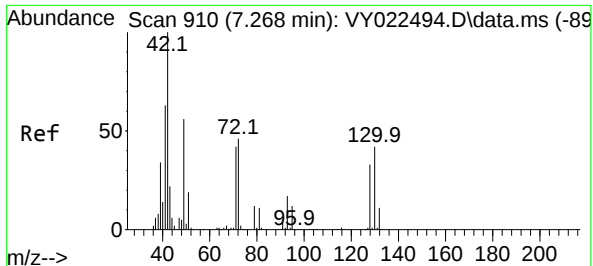
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.6

130 71.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 269.198 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

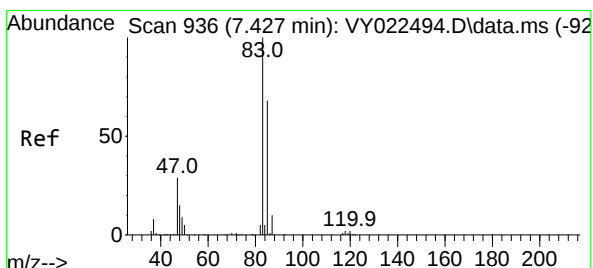
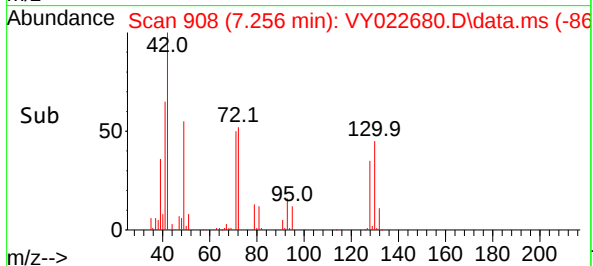
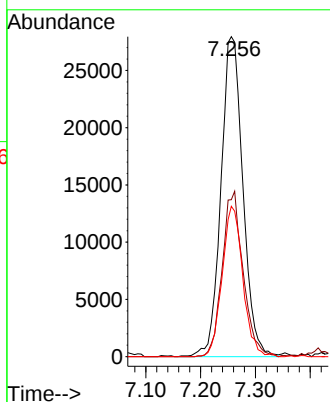
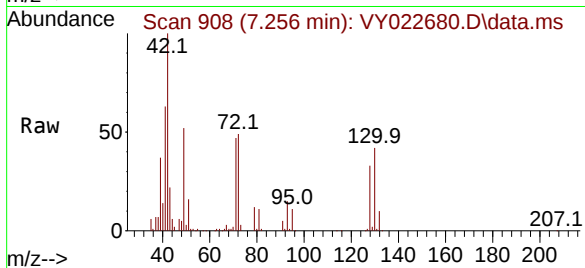
Tgt Ion: 42 Resp: 77933

Ion Ratio Lower Upper

42 100

72 49.2 37.4 56.2

71 44.3 34.2 51.2



#30

Chloroform

Concen: 55.084 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022680.D

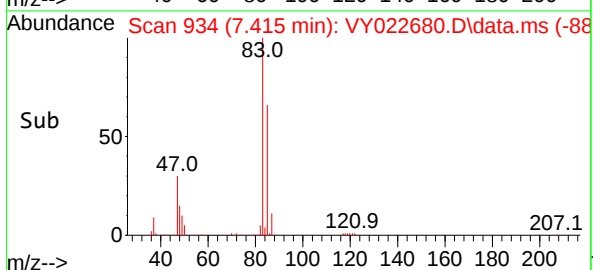
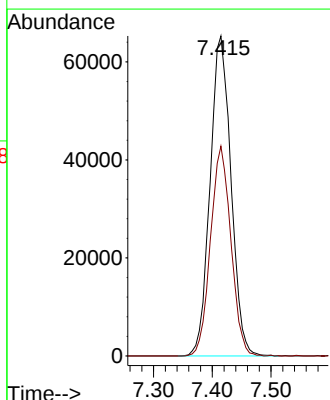
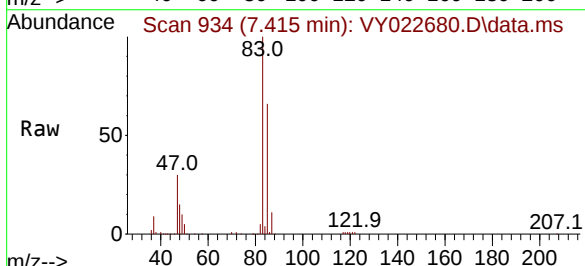
Acq: 12 Jun 2025 18:05

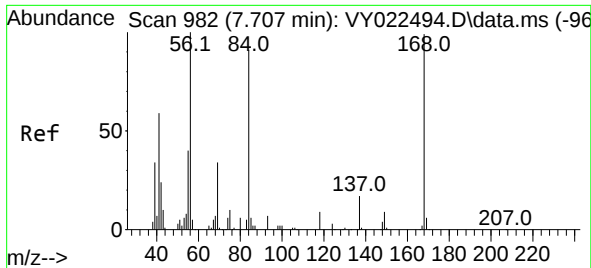
Tgt Ion: 83 Resp: 161361

Ion Ratio Lower Upper

83 100

85 65.6 54.2 81.4

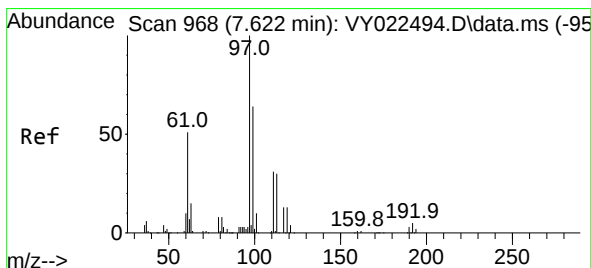
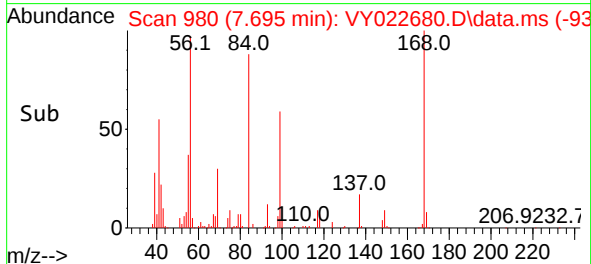
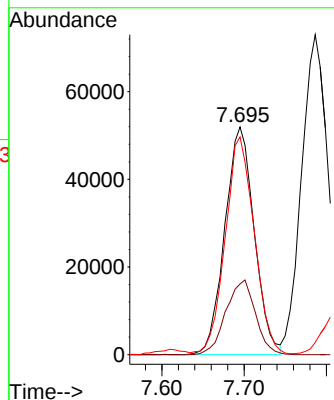
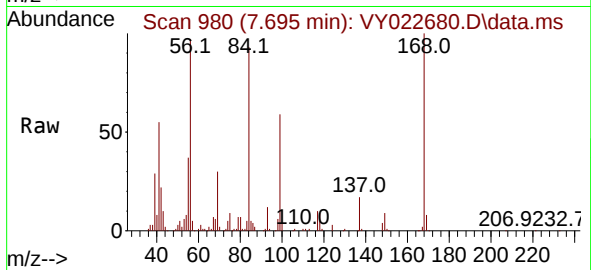




#31
Cyclohexane
Concen: 43.918 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

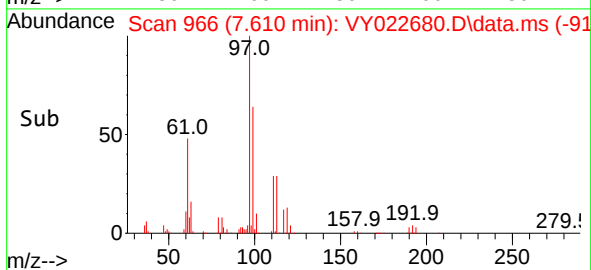
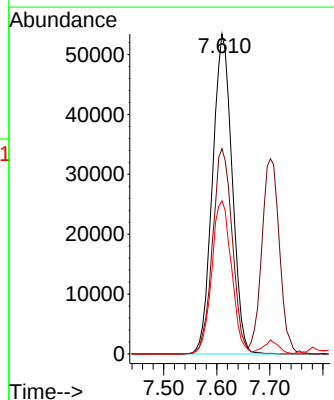
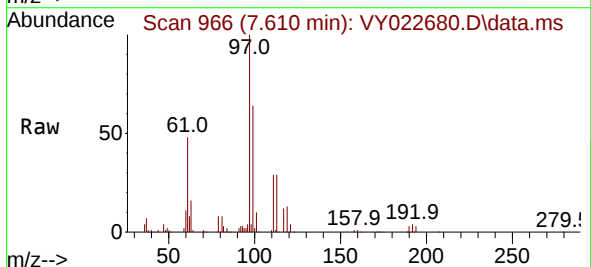
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 129309
Ion Ratio Lower Upper
56 100
69 31.1 27.0 40.6
84 94.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 52.819 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 97 Resp: 137352
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 48.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

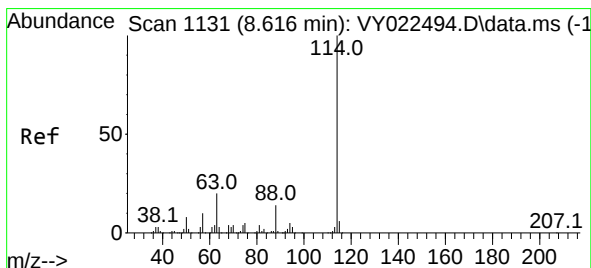
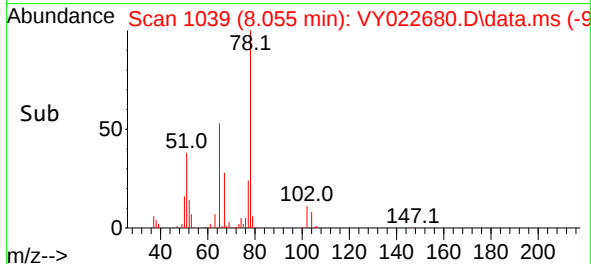
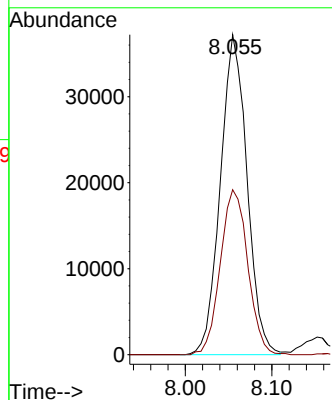
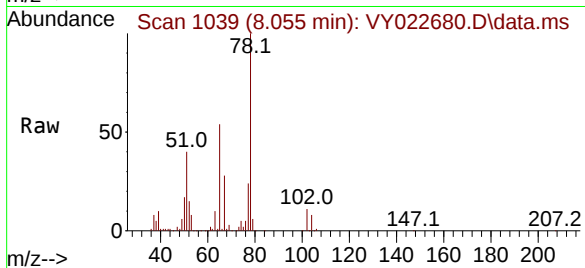
VSTDCCC050EC

Tgt Ion: 65 Resp: 79610

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

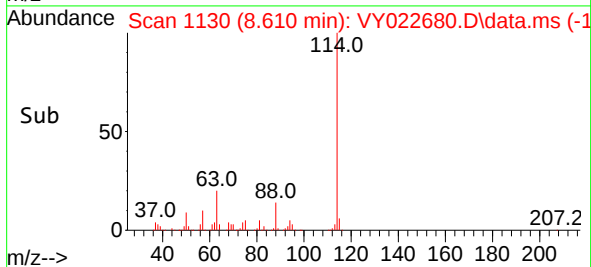
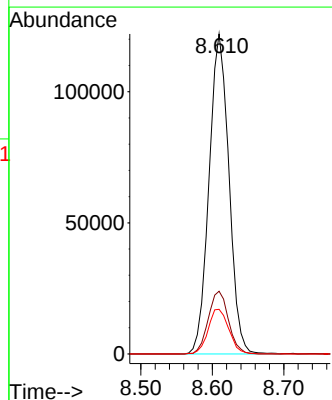
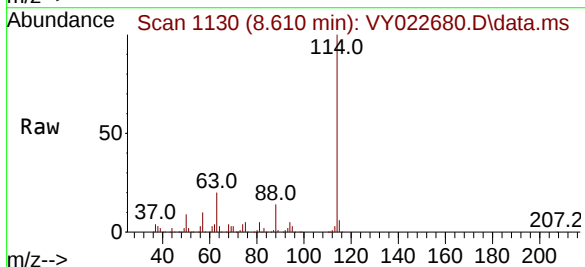
Tgt Ion: 114 Resp: 235495

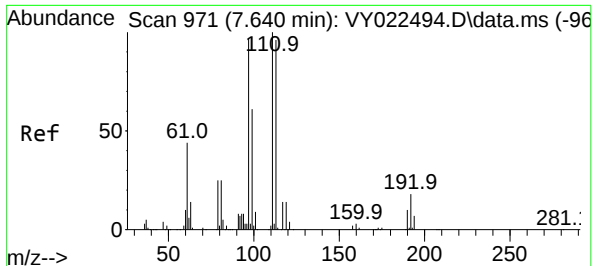
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.0 0.0 27.8





#35

Dibromofluoromethane

Concen: 53.795 ug/l

RT: 7.628 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

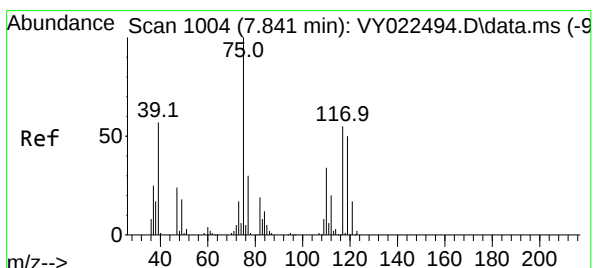
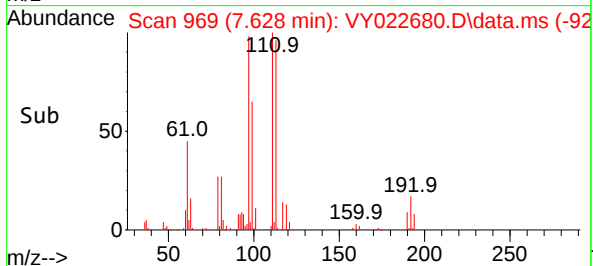
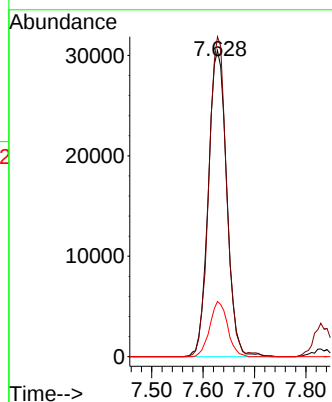
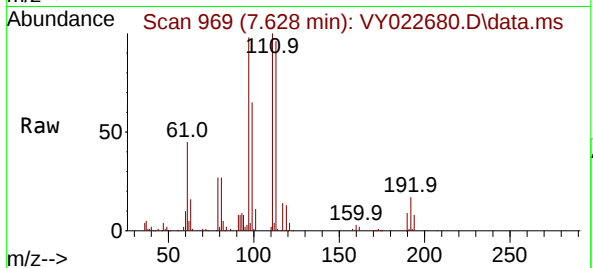
Tgt Ion:113 Resp: 75615

Ion Ratio Lower Upper

113 100

111 101.1 81.1 121.7

192 17.4 14.2 21.2



#36

1,1-Dichloropropene

Concen: 49.597 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

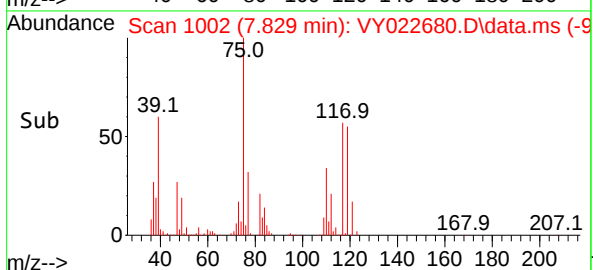
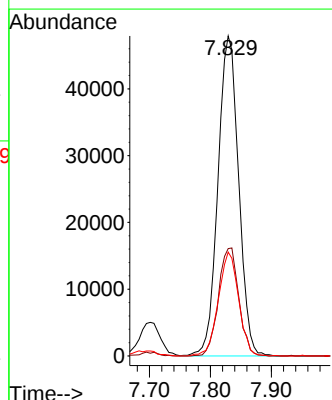
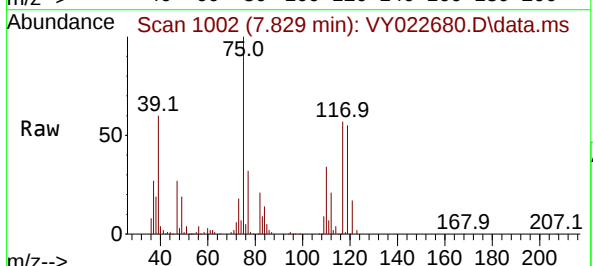
Tgt Ion: 75 Resp: 113148

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

77 31.8 24.8 37.2

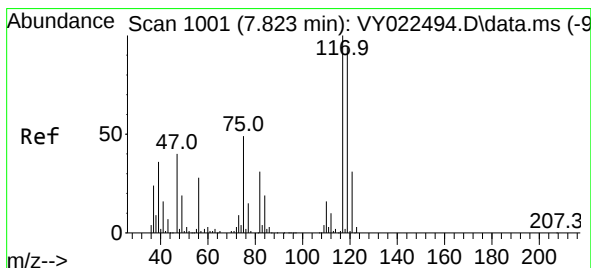
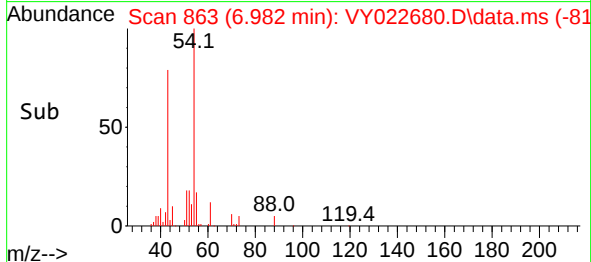
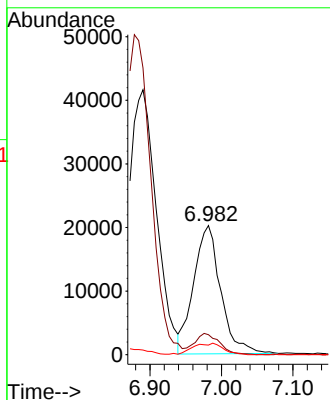
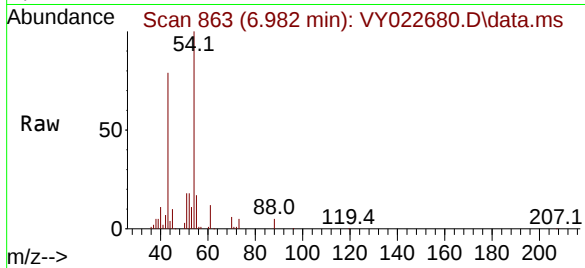




#37
Ethyl Acetate
Concen: 52.165 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

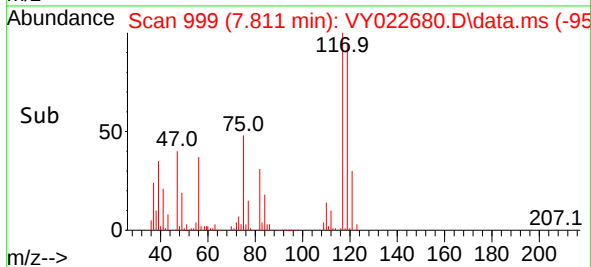
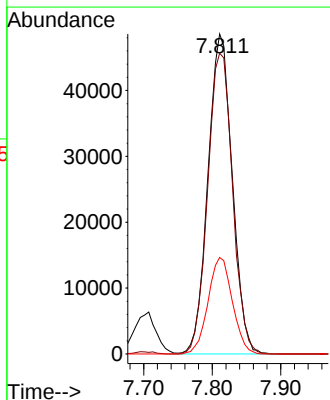
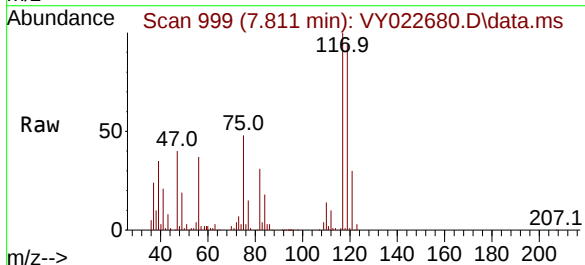
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

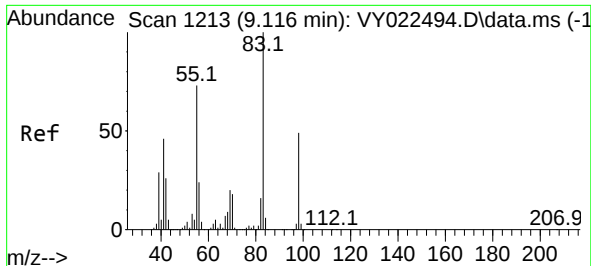
Tgt Ion: 43 Resp: 53071
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 10.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.149 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 117 Resp: 119705
Ion Ratio Lower Upper
117 100
119 94.0 75.0 112.6
121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 46.755 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

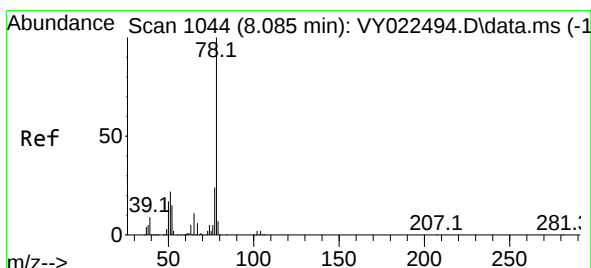
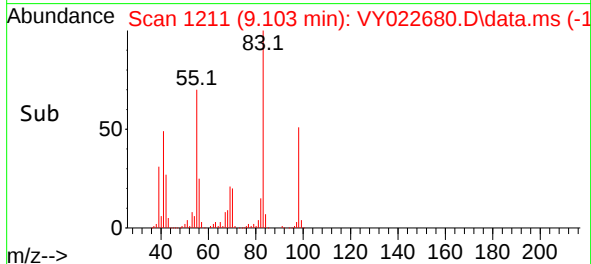
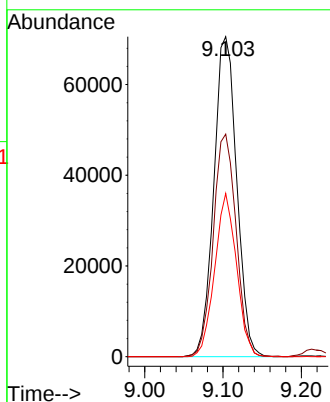
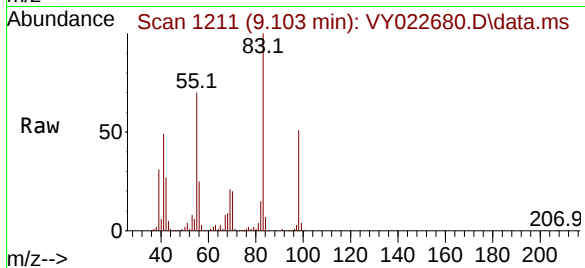
Tgt Ion: 83 Resp: 143341

Ion Ratio Lower Upper

83 100

55 69.6 58.1 87.1

98 51.0 39.0 58.6



#40

Benzene

Concen: 52.798 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022680.D

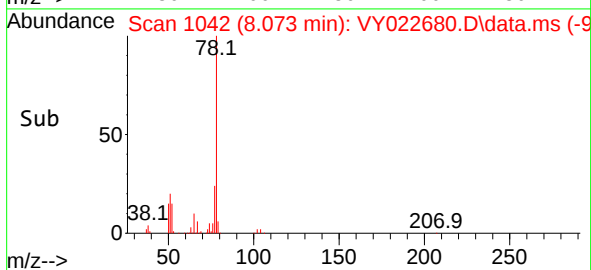
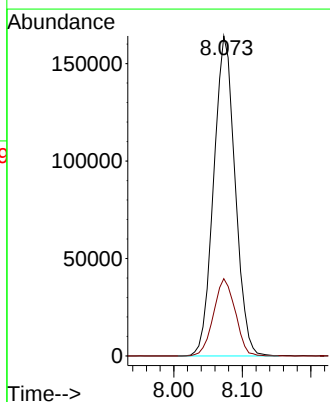
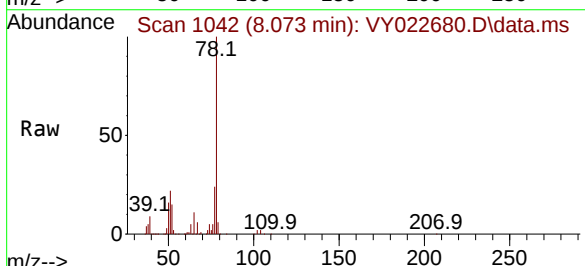
Acq: 12 Jun 2025 18:05

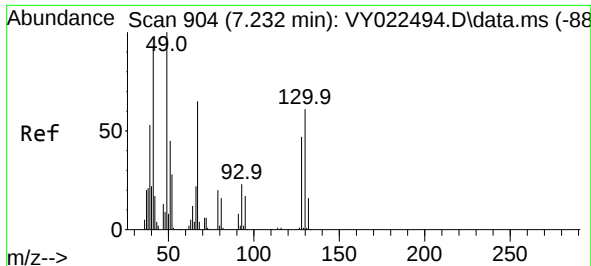
Tgt Ion: 78 Resp: 355760

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



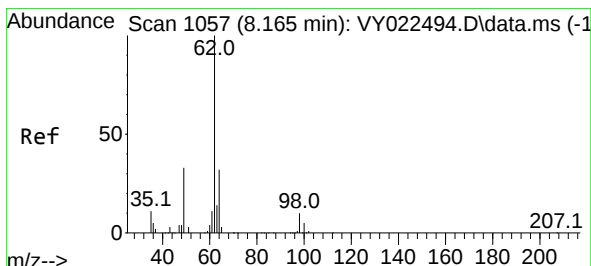
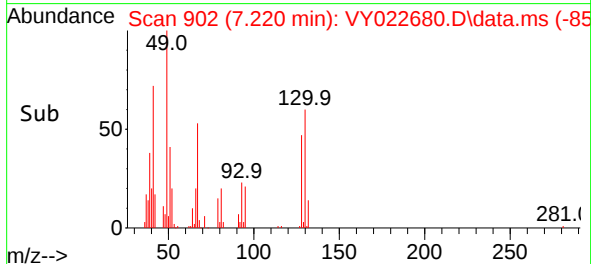
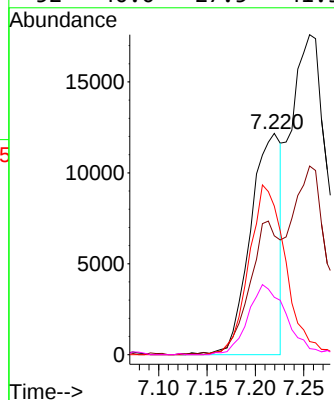
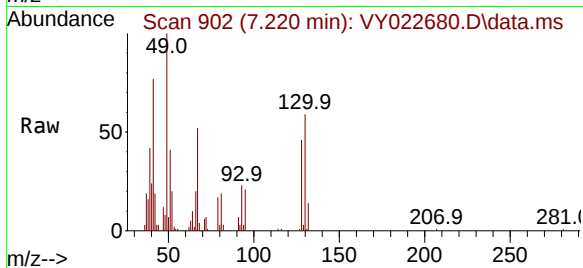


#41
Methacrylonitrile
Concen: 45.057 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 26775

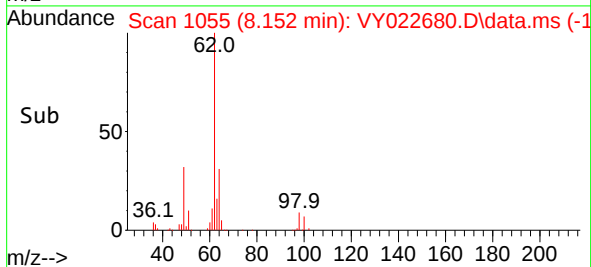
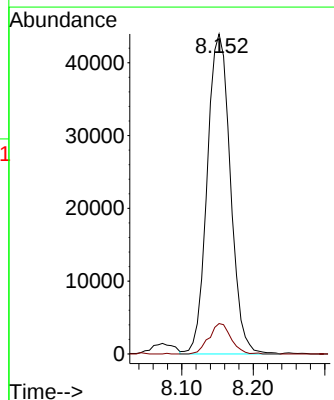
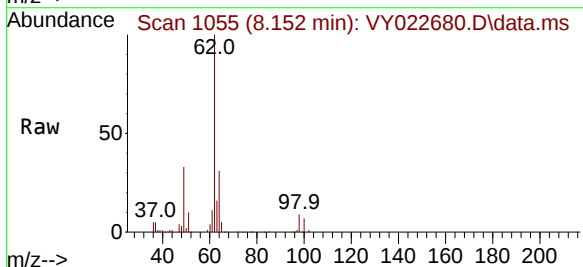
Ion	Ratio	Lower	Upper
41	100		
39	59.2	46.6	69.8
67	91.9	63.3	94.9
52	40.0	27.5	41.3

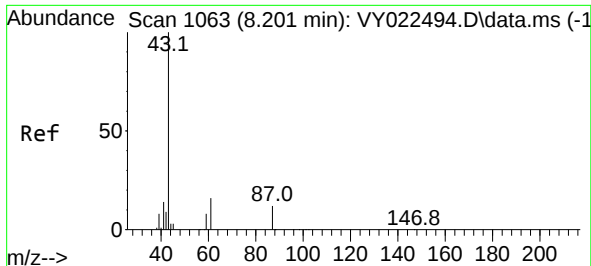


#42
1,2-Dichloroethane
Concen: 53.762 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 62 Resp: 98911

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

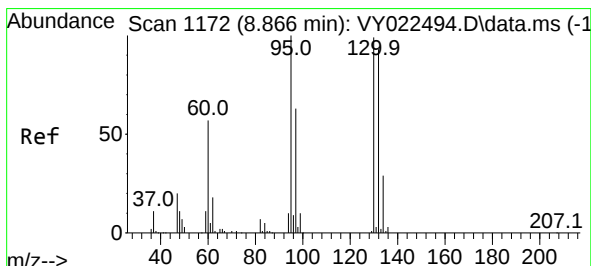
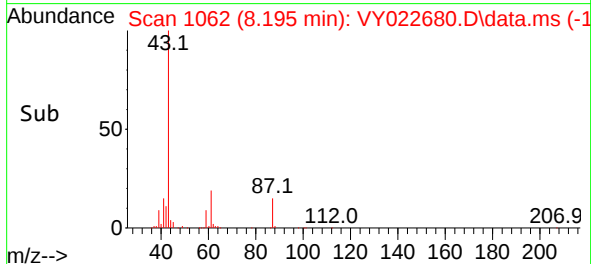
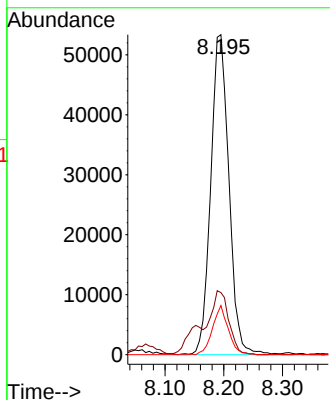
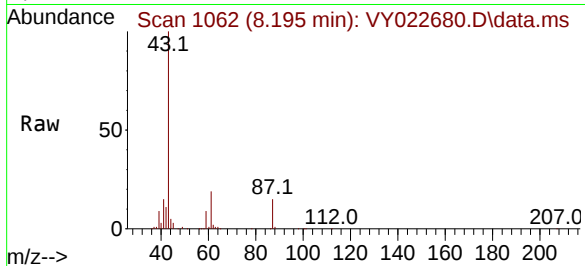




#43
Isopropyl Acetate
Concen: 52.281 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

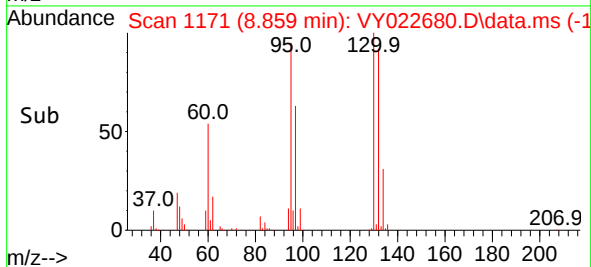
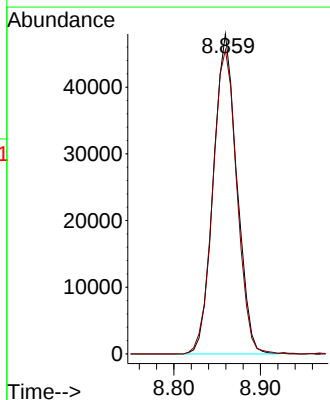
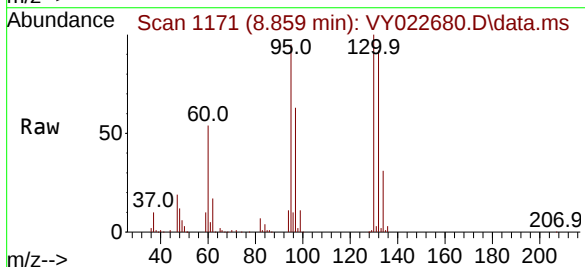
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

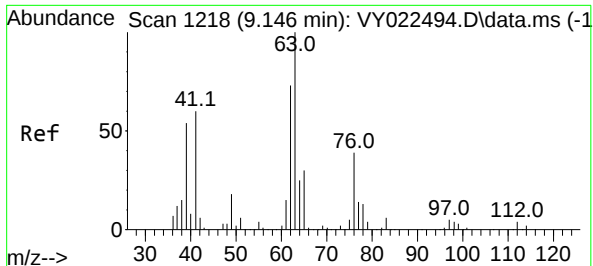
Tgt Ion: 43 Resp: 114872
Ion Ratio Lower Upper
43 100
61 20.1 15.6 23.4
87 13.3 10.2 15.4



#44
Trichloroethene
Concen: 54.699 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion:130 Resp: 90079
Ion Ratio Lower Upper
130 100
95 95.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.220 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

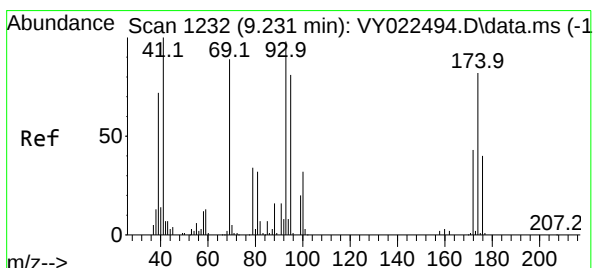
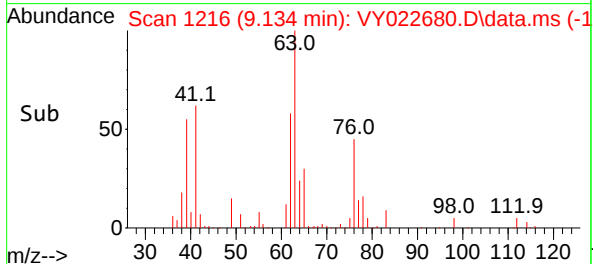
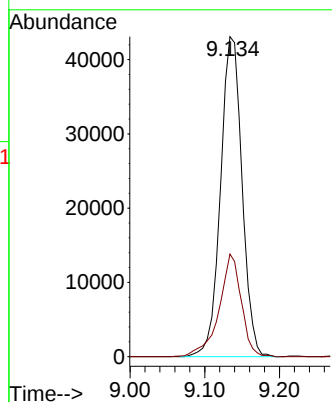
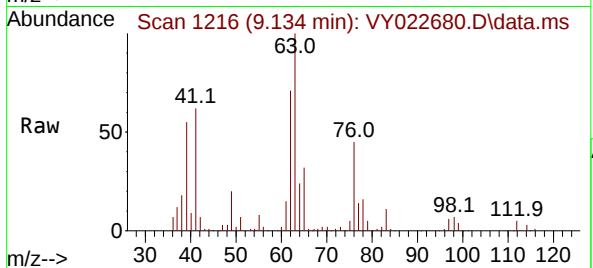
VSTDCCC050EC

Tgt Ion: 63 Resp: 86342

Ion Ratio Lower Upper

63 100

65 32.0 24.0 36.0



#46

Dibromomethane

Concen: 53.666 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

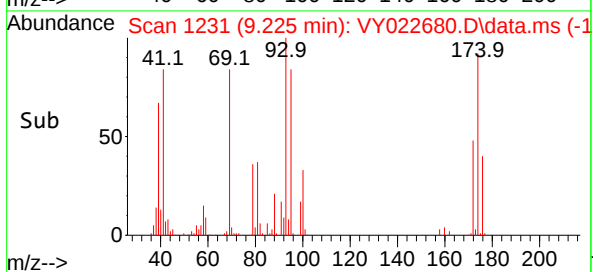
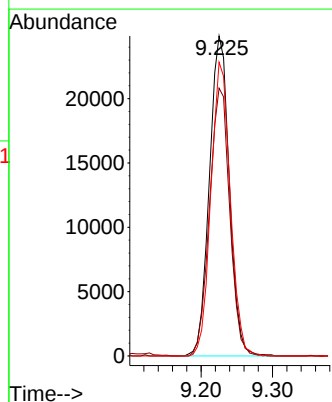
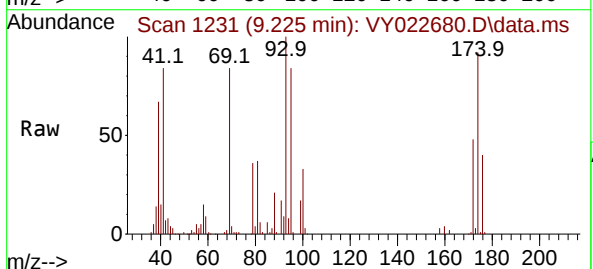
Tgt Ion: 93 Resp: 48079

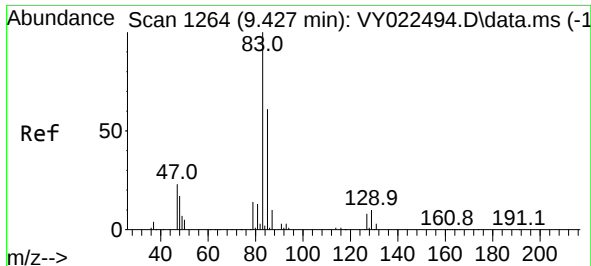
Ion Ratio Lower Upper

93 100

95 85.0 65.6 98.4

174 89.3 70.4 105.6

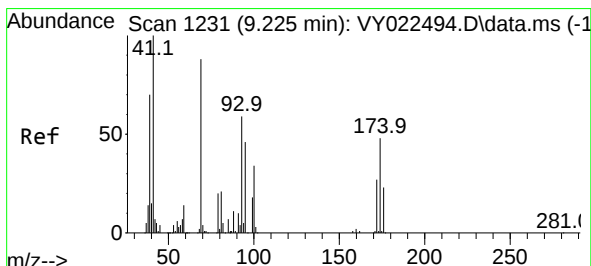
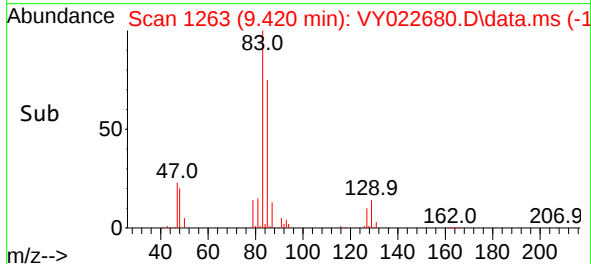
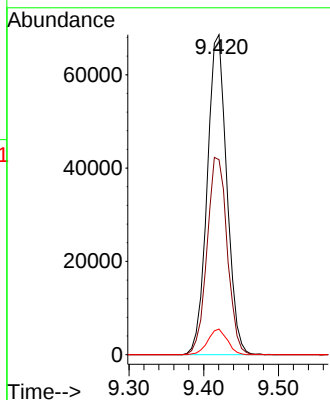
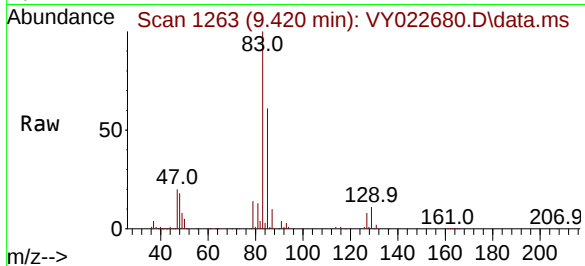




#47
Bromodichloromethane
Concen: 54.884 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

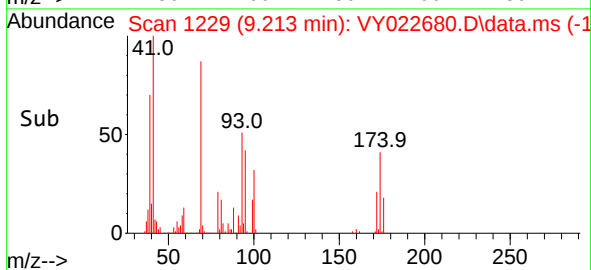
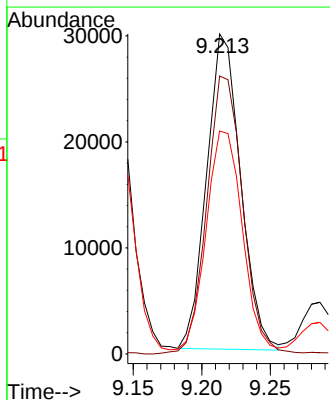
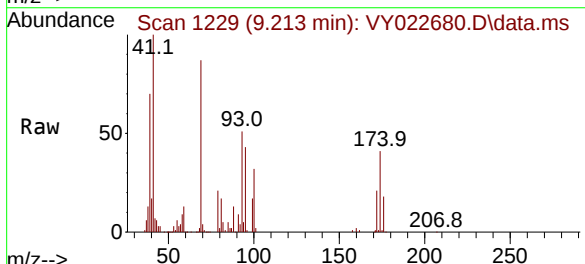
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

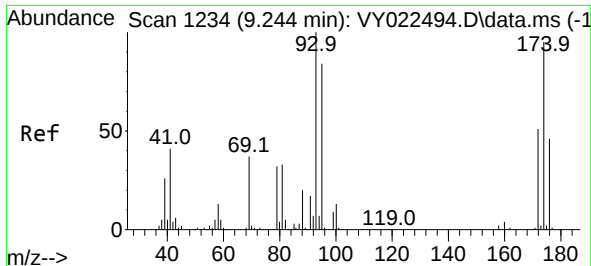
Tgt Ion: 83 Resp: 124677
Ion Ratio Lower Upper
83 100
85 60.9 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 49.732 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 41 Resp: 51285
Ion Ratio Lower Upper
41 100
69 93.0 67.8 101.8
39 73.4 55.0 82.4





#49

1,4-Dioxane

Concen: 1145.796 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

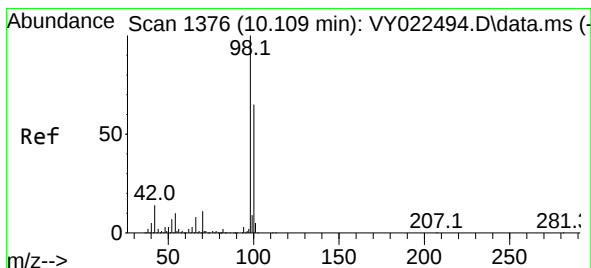
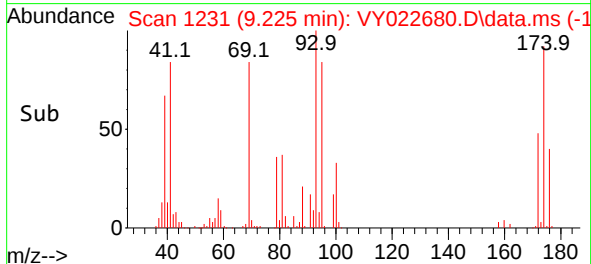
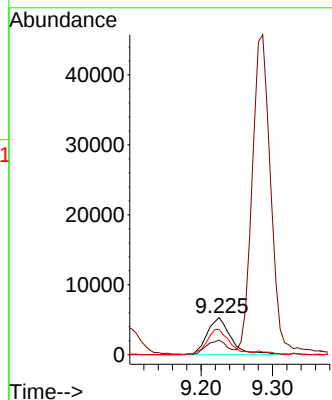
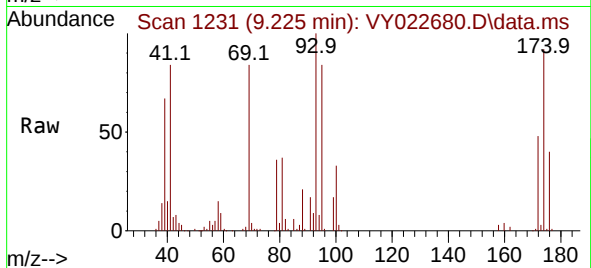
Tgt Ion: 88 Resp: 12161

Ion Ratio Lower Upper

88 100

43 36.4 25.4 38.2

58 66.4 54.9 82.3



#50

Toluene-d8

Concen: 51.240 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022680.D

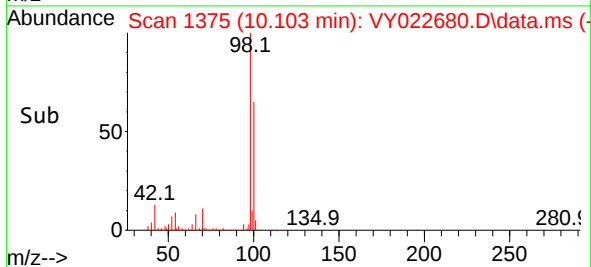
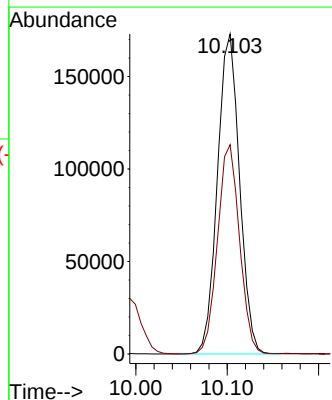
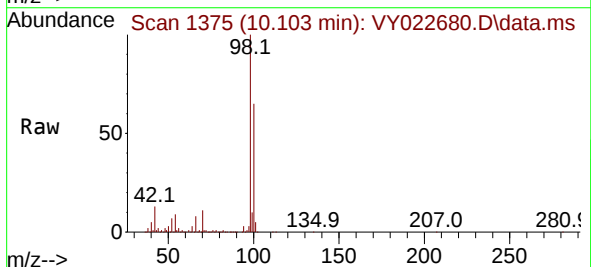
Acq: 12 Jun 2025 18:05

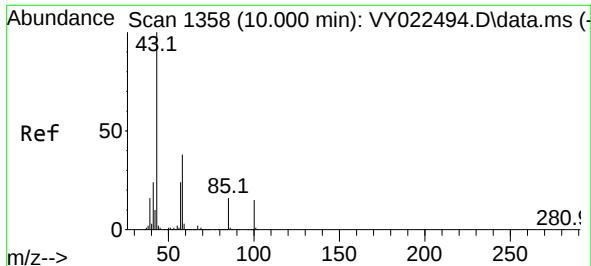
Tgt Ion: 98 Resp: 291026

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

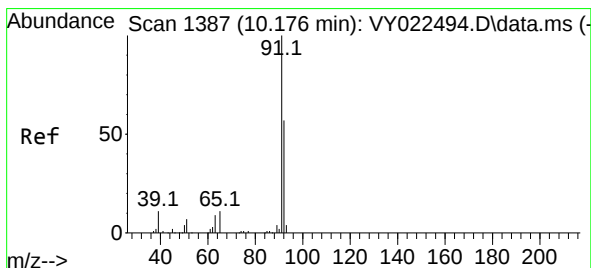
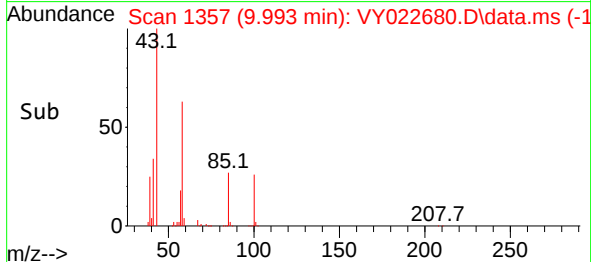
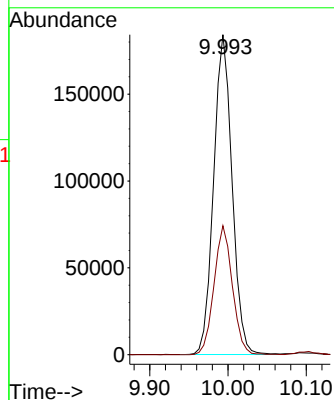
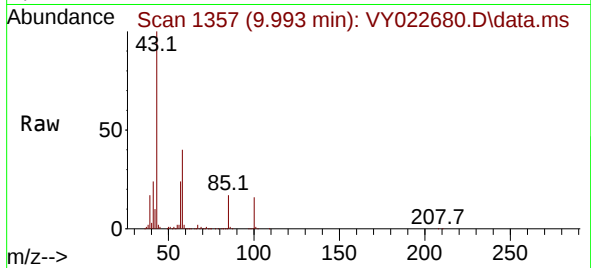




#51
4-Methyl-2-Pentanone
Concen: 275.049 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

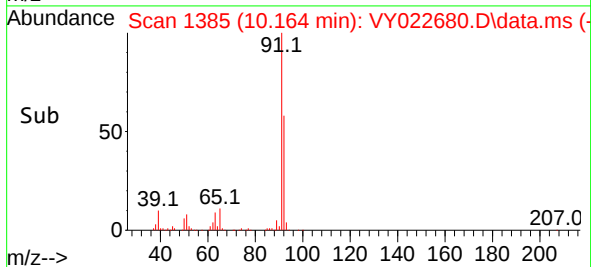
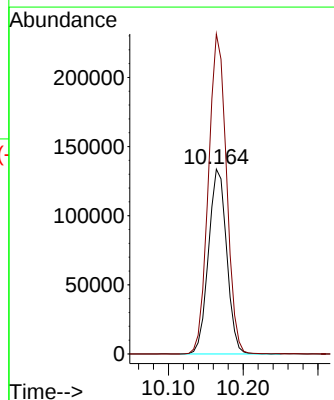
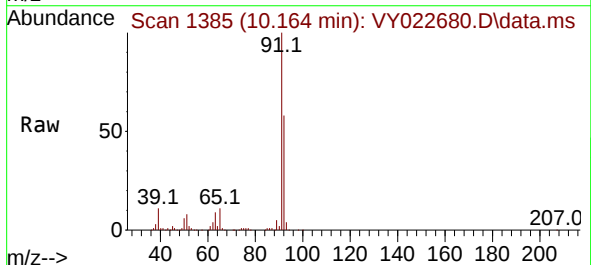
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

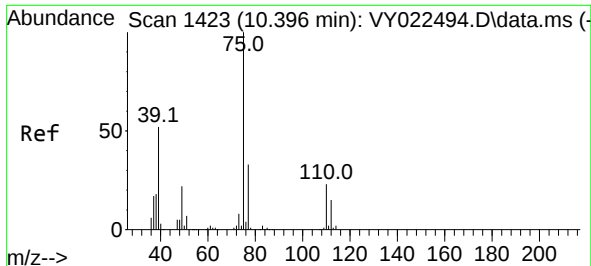
Tgt Ion: 43 Resp: 301306
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6



#52
Toluene
Concen: 53.303 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 92 Resp: 225706
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.4

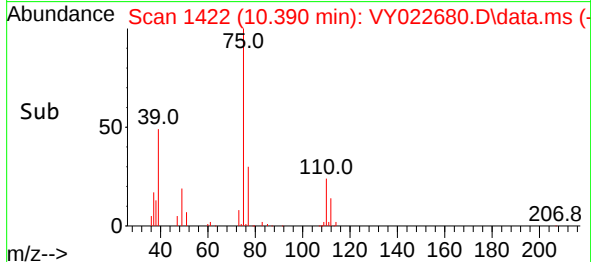
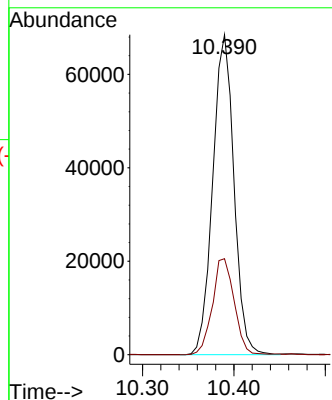
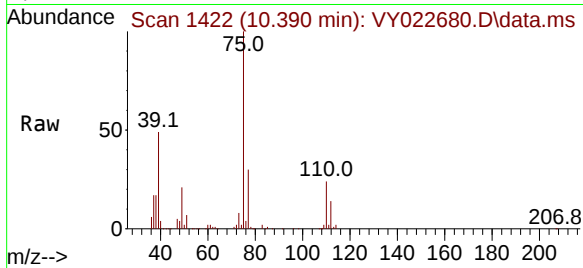




#53
 t-1,3-Dichloropropene
 Concen: 51.780 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY022680.D
 Acq: 12 Jun 2025 18:05

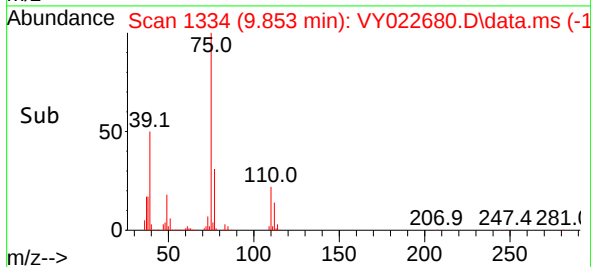
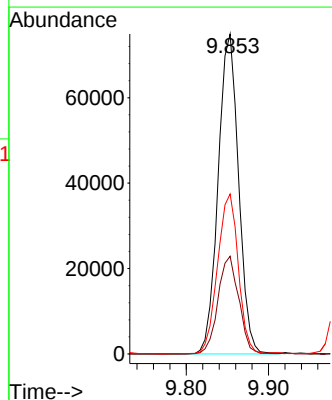
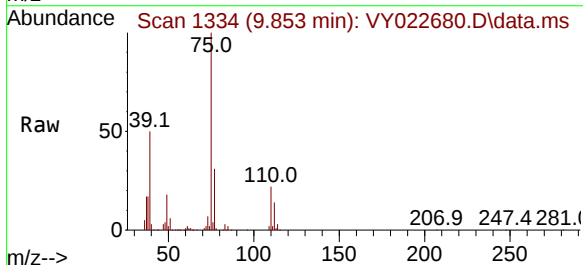
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

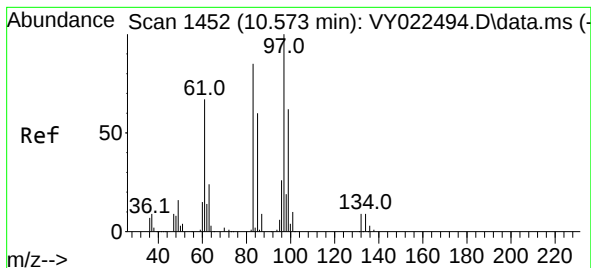
Tgt Ion: 75 Resp: 110210
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.225 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022680.D
 Acq: 12 Jun 2025 18:05

Tgt Ion: 75 Resp: 129395
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 49.9 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 55.992 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 63963

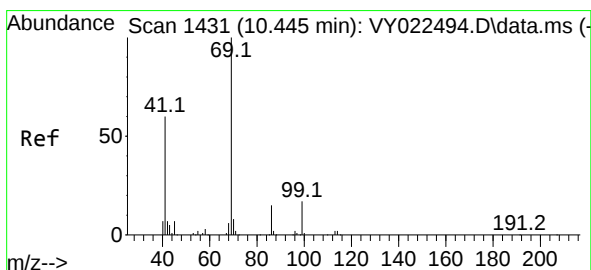
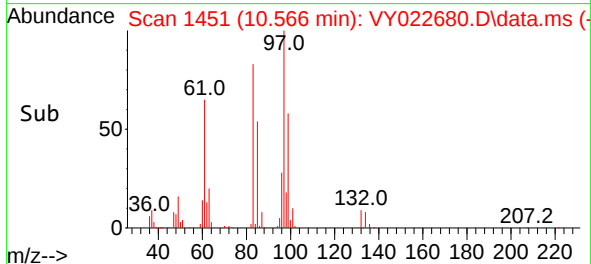
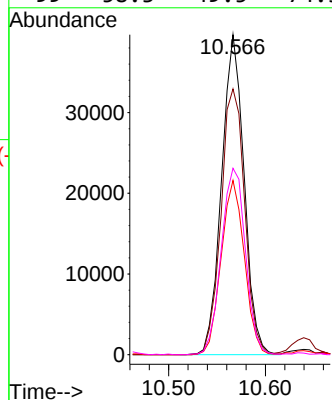
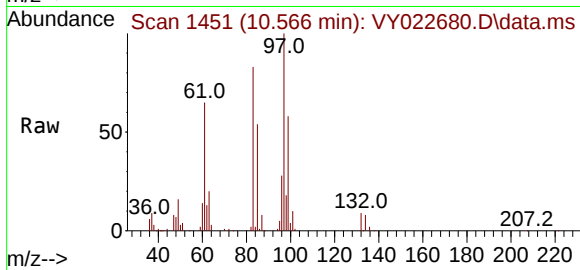
Ion Ratio Lower Upper

97 100

83 83.1 68.1 102.1

85 54.5 48.2 72.2

99 58.3 49.5 74.3



#56

Ethyl methacrylate

Concen: 54.055 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

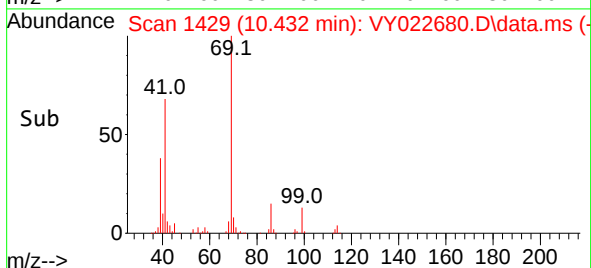
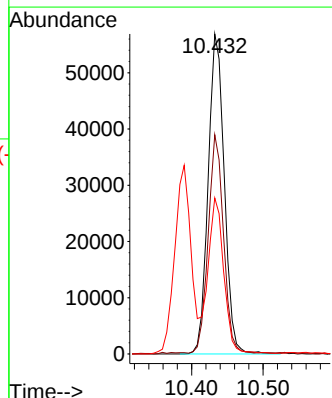
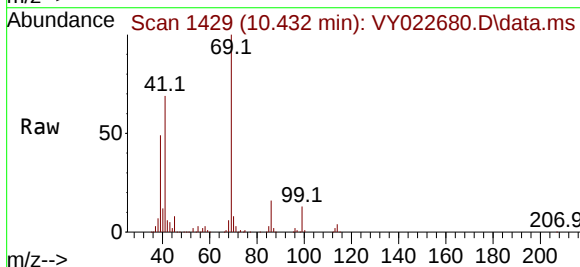
Tgt Ion: 69 Resp: 89251

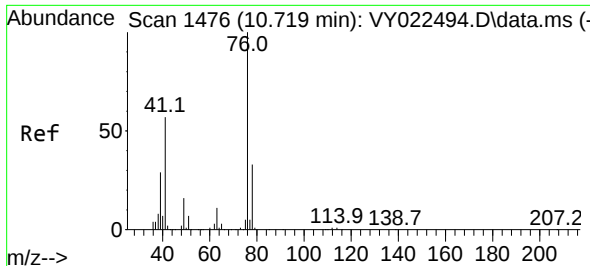
Ion Ratio Lower Upper

69 100

41 64.5 52.2 78.2

39 48.2 36.7 55.1

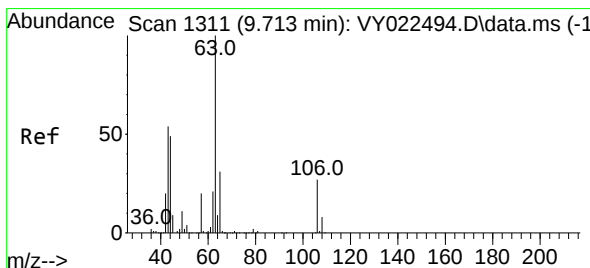
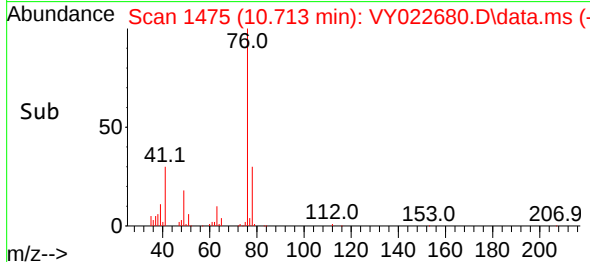
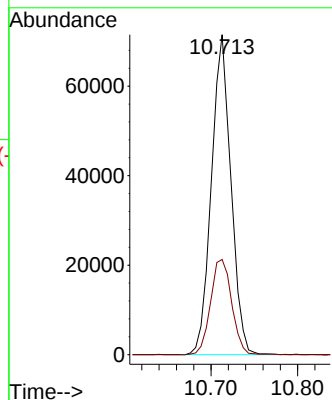
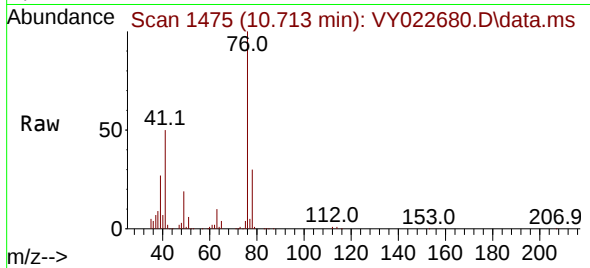




#57
1,3-Dichloropropane
Concen: 55.237 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

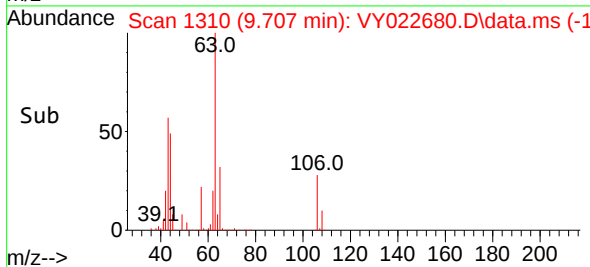
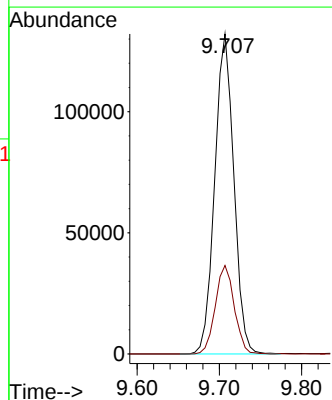
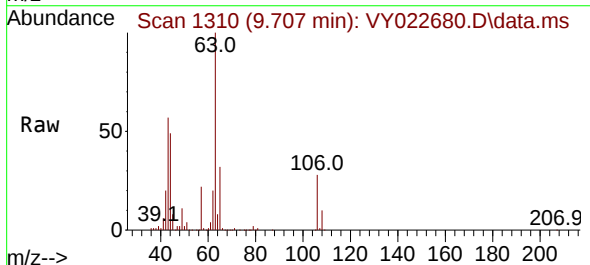
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

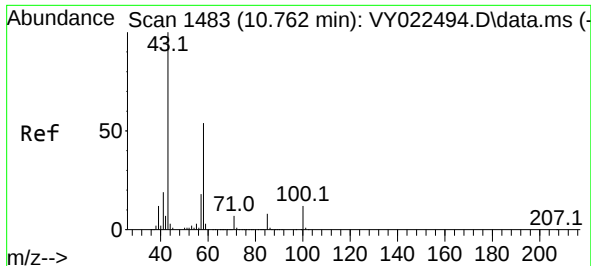
Tgt Ion: 76 Resp: 111840
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 284.158 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 63 Resp: 213014
Ion Ratio Lower Upper
63 100
106 27.4 21.6 32.4

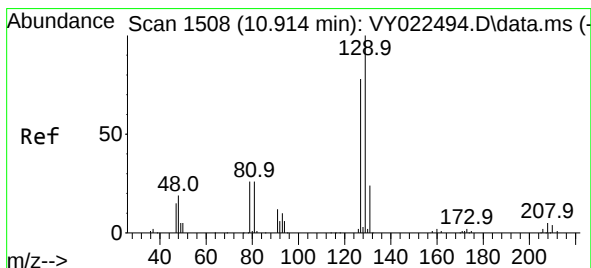
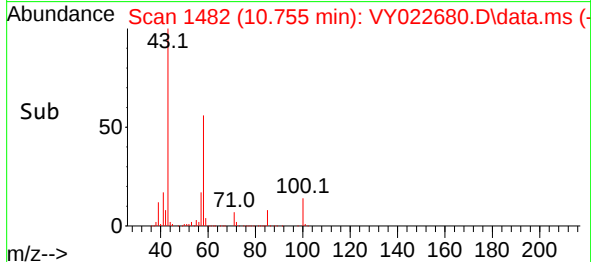
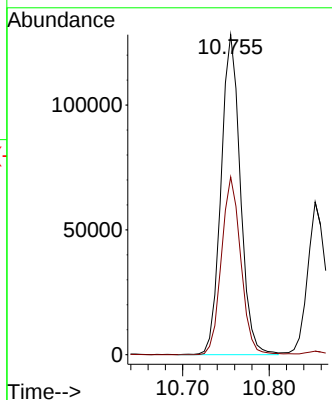
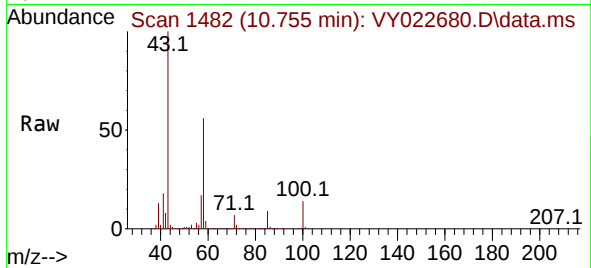




#59
2-Hexanone
Concen: 270.609 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

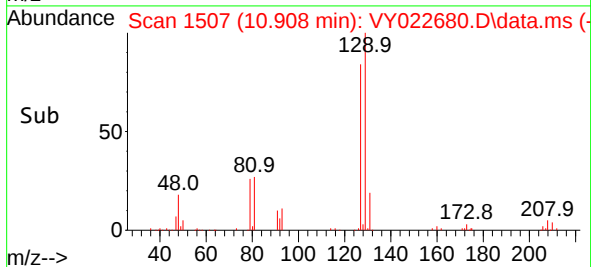
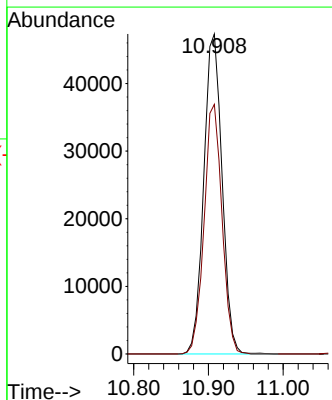
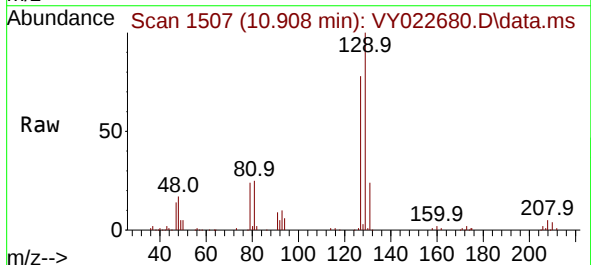
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

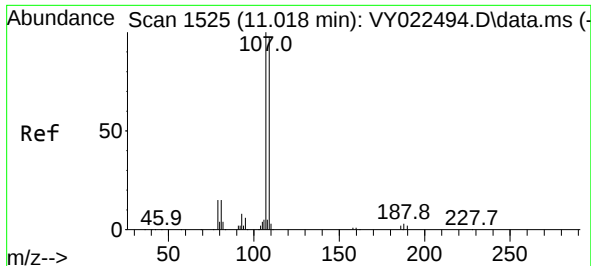
Tgt Ion: 43 Resp: 198258
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 55.253 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 129 Resp: 80214
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

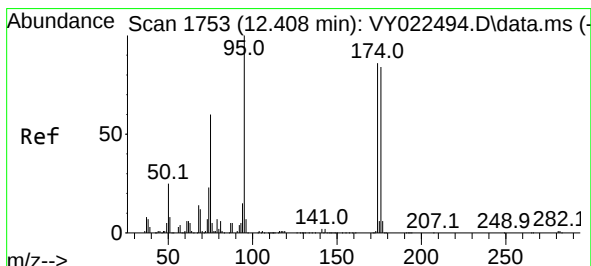
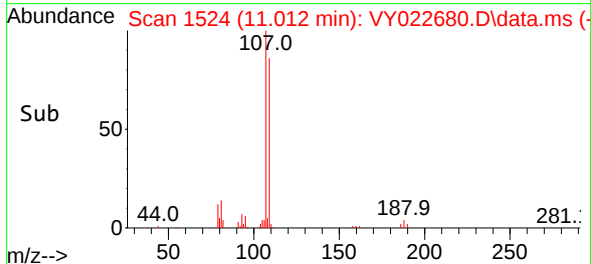
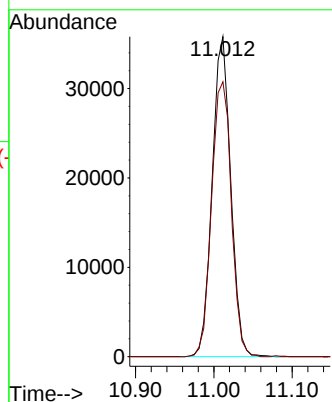
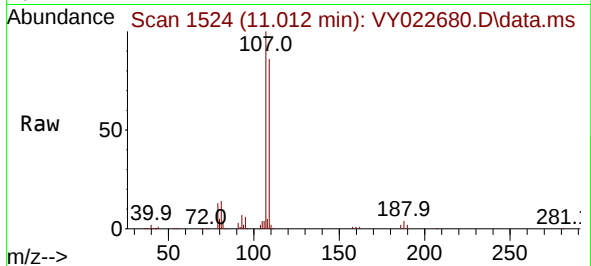




#61
1,2-Dibromoethane
Concen: 56.530 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

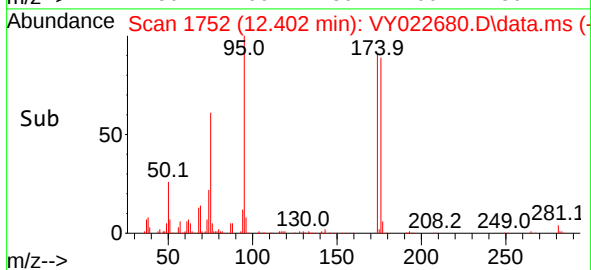
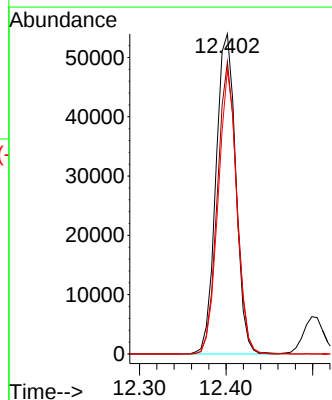
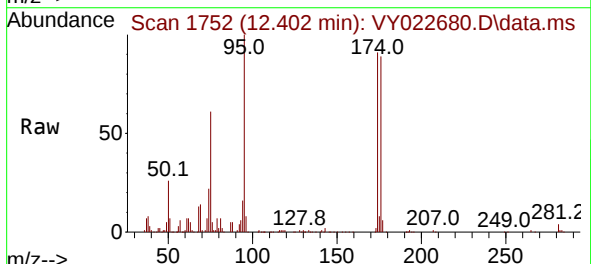
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

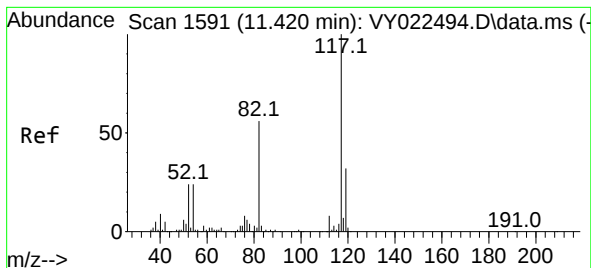
Tgt Ion:107 Resp: 58859
Ion Ratio Lower Upper
107 100
109 91.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 95 Resp: 85917
Ion Ratio Lower Upper
95 100
174 87.9 0.0 170.0
176 83.7 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

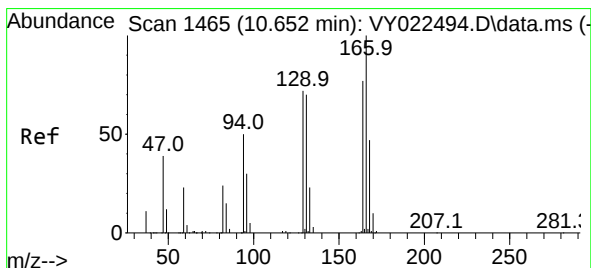
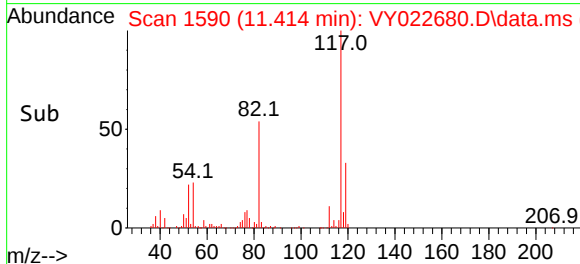
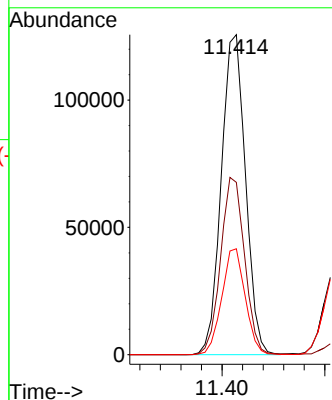
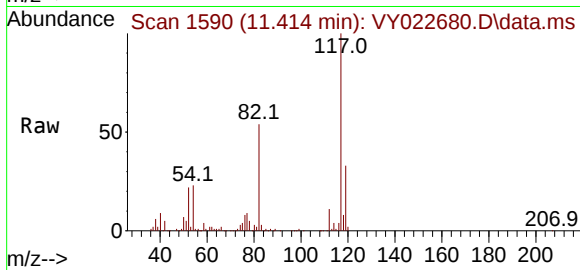
Tgt Ion:117 Resp: 205216

Ion Ratio Lower Upper

117 100

82 53.8 44.6 66.8

119 33.1 25.4 38.0



#64

Tetrachloroethene

Concen: 61.203 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Tgt Ion:164 Resp: 108042

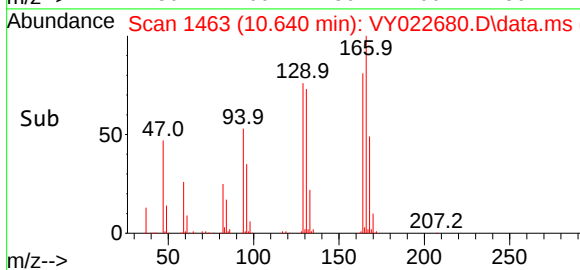
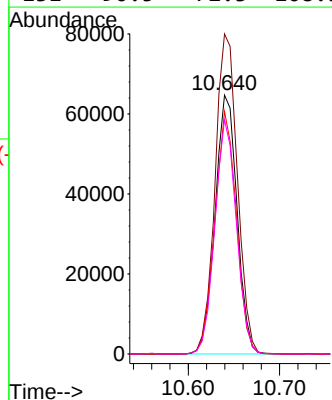
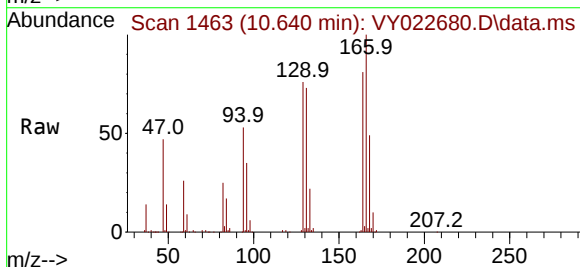
Ion Ratio Lower Upper

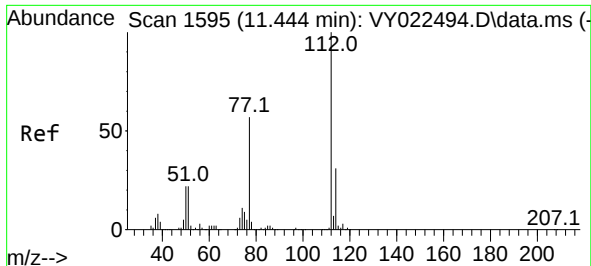
164 100

166 123.6 104.0 156.0

129 93.7 74.5 111.7

131 90.5 72.3 108.5

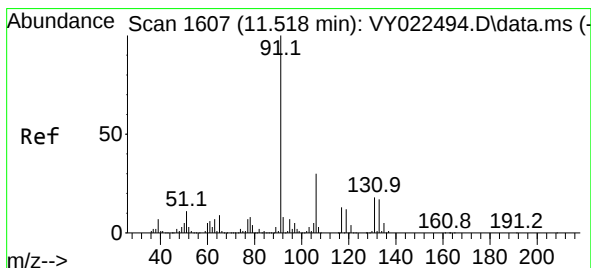
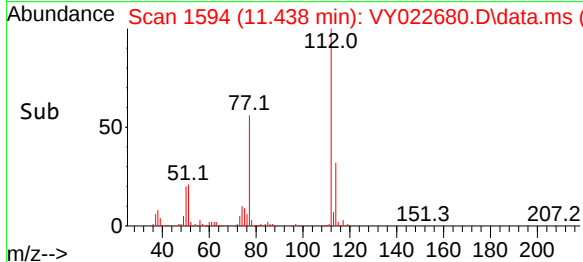
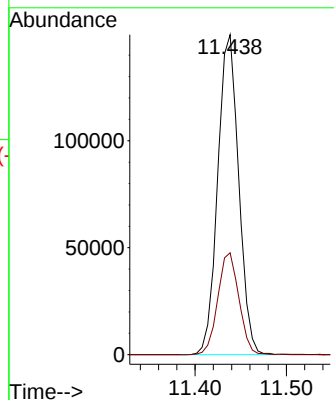
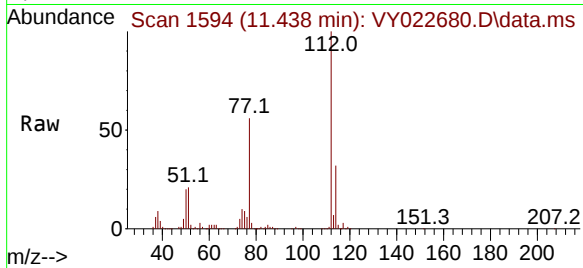




#65
Chlorobenzene
Concen: 52.547 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

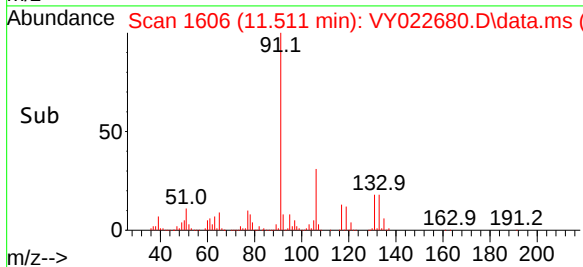
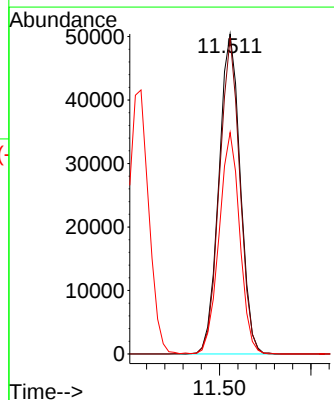
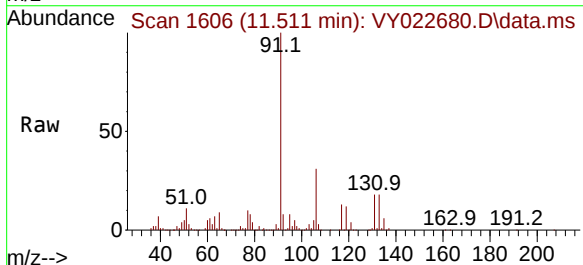
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 238626
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.405 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion:131 Resp: 81699
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 51.320 ug/l

RT: 11.511 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

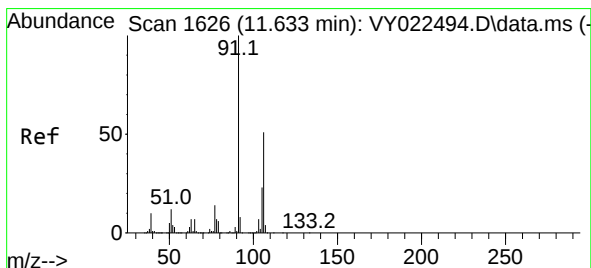
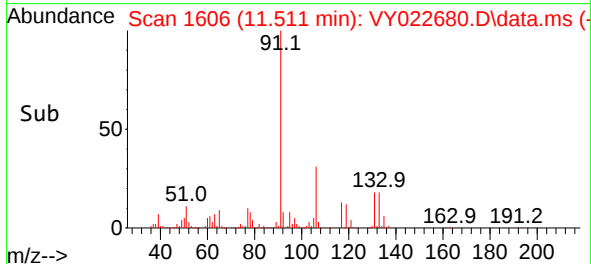
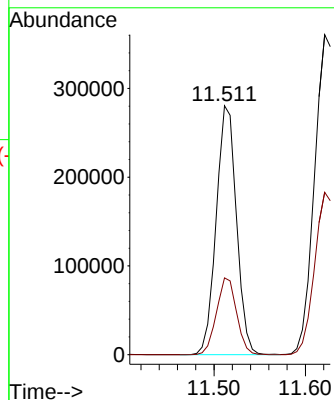
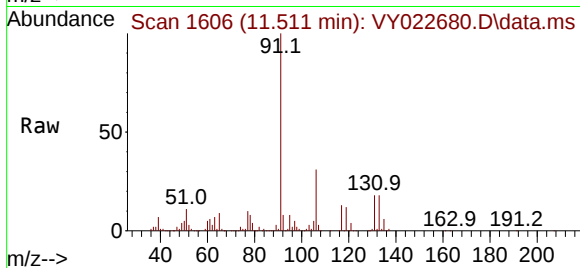
VSTDCCC050EC

Tgt Ion: 91 Resp: 432263

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 103.010 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY022680.D

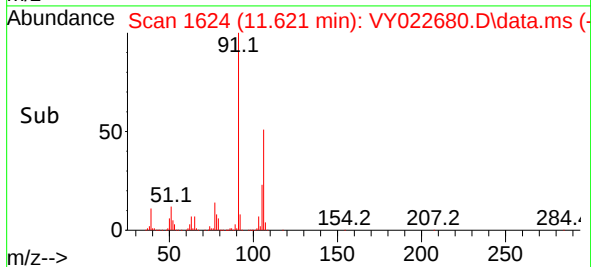
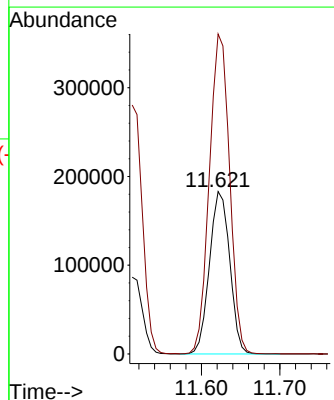
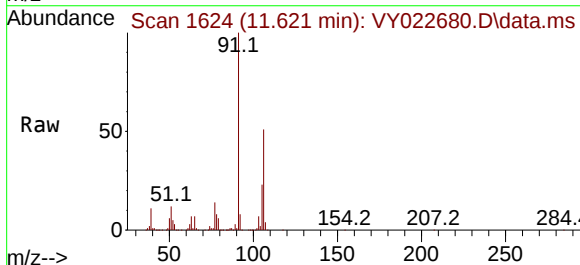
Acq: 12 Jun 2025 18:05

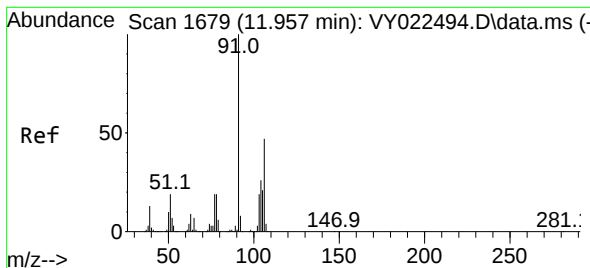
Tgt Ion:106 Resp: 328915

Ion Ratio Lower Upper

106 100

91 197.0 159.4 239.0

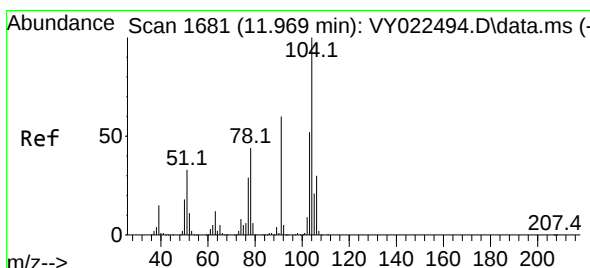
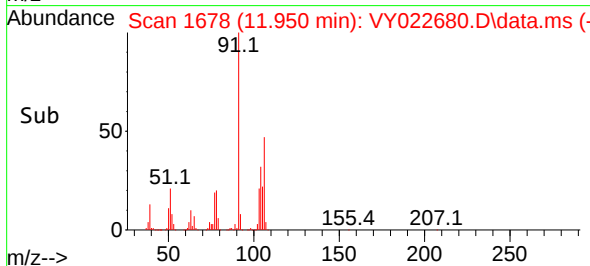
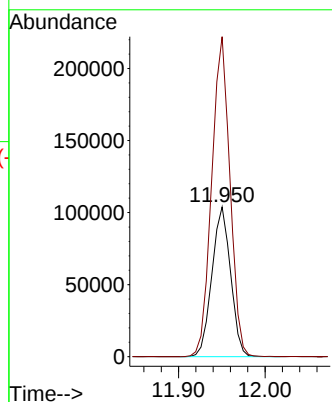
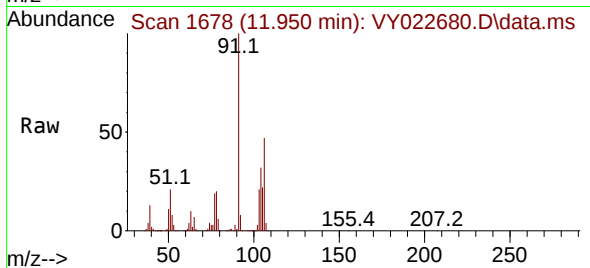




#69
o-Xylene
Concen: 52.011 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

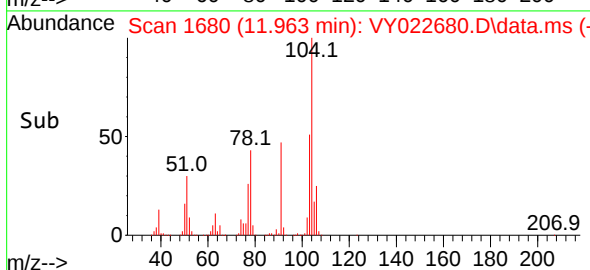
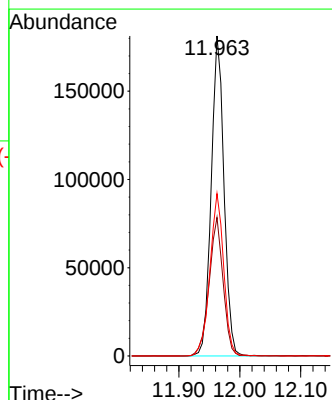
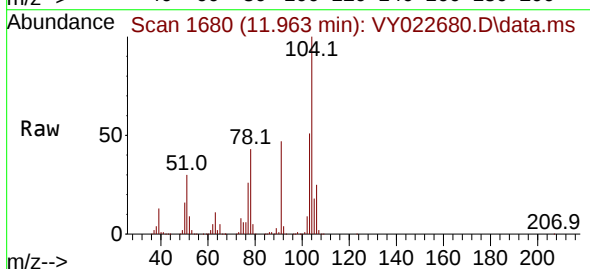
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 155703
Ion Ratio Lower Upper
106 100
91 209.2 105.8 317.3



#70
Styrene
Concen: 53.388 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion:104 Resp: 264193
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 55.0 44.1 66.1





#71

Bromoform

Concen: 54.388 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

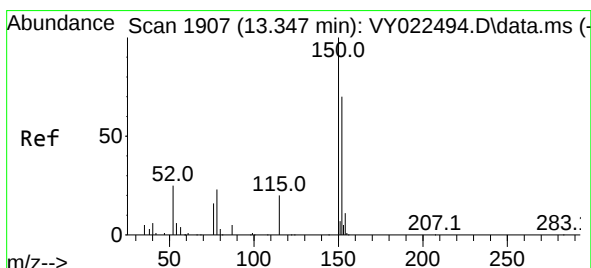
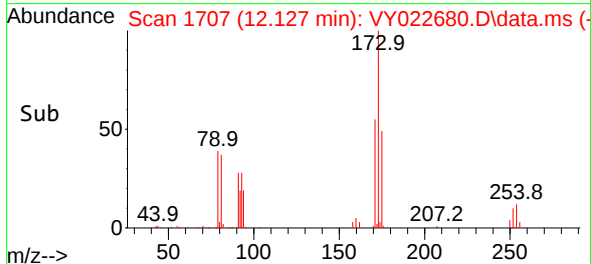
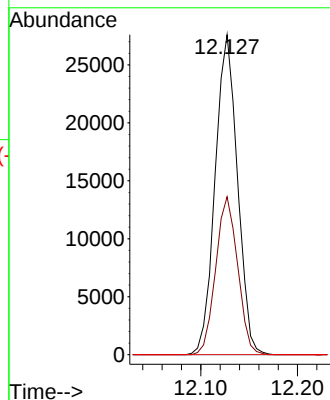
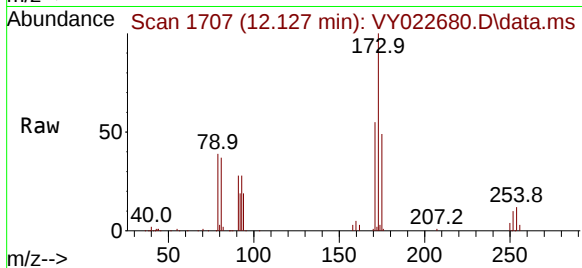
Tgt Ion:173 Resp: 44276

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

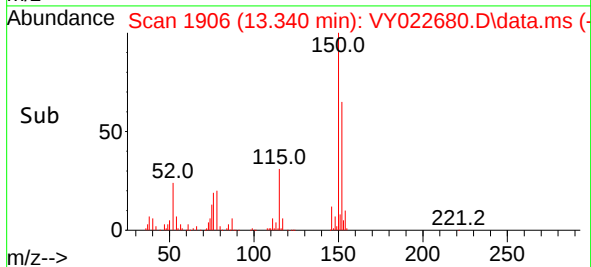
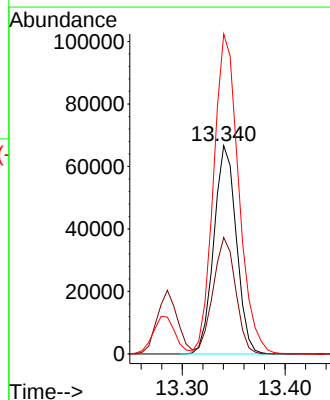
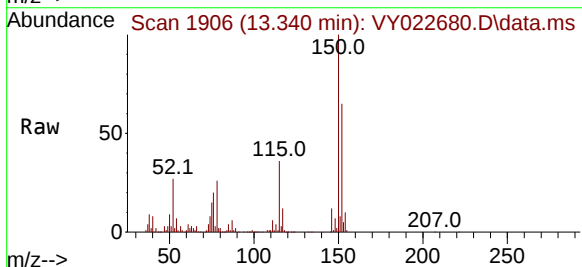
Tgt Ion:152 Resp: 101059

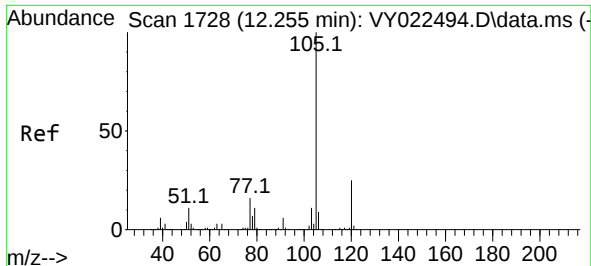
Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

150 171.7 0.0 349.6

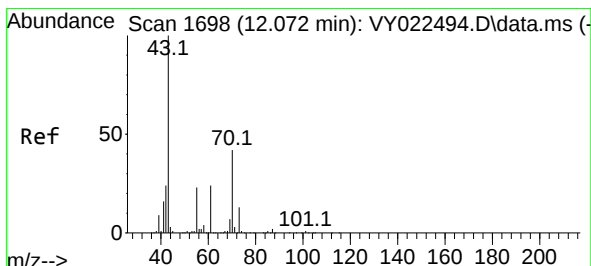
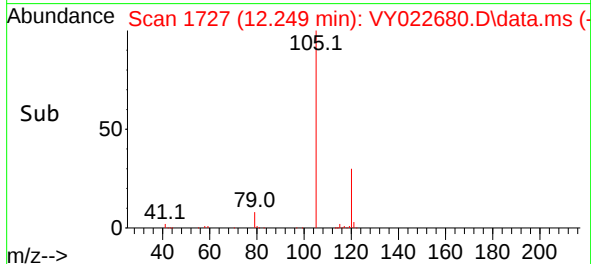
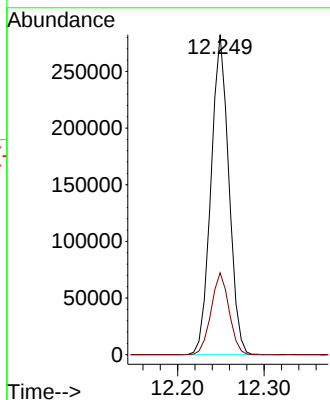
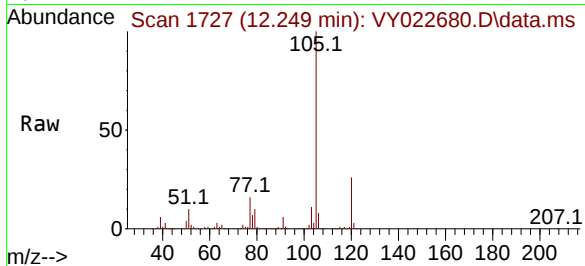




#73
Isopropylbenzene
Concen: 48.618 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

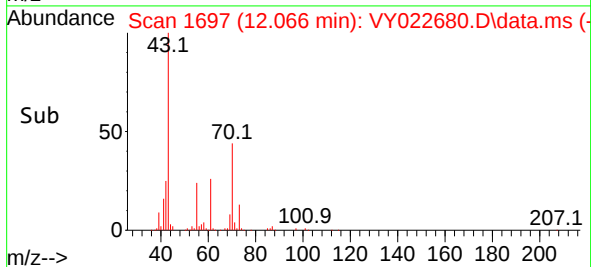
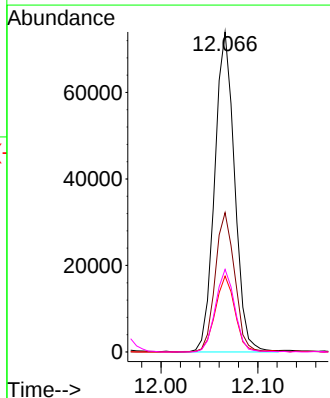
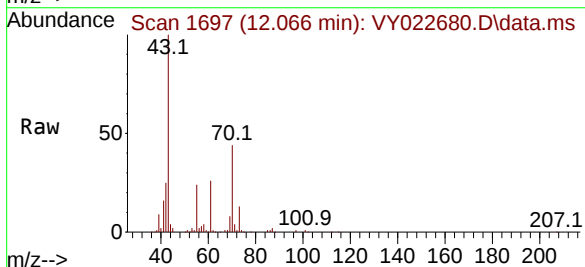
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 403381
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 50.609 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 43 Resp: 105950
Ion Ratio Lower Upper
43 100
70 42.5 34.2 51.2
55 23.6 18.2 27.4
61 25.1 19.0 28.6

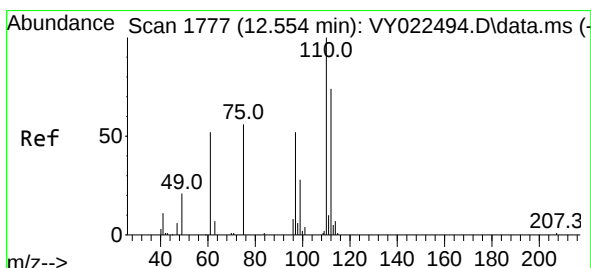
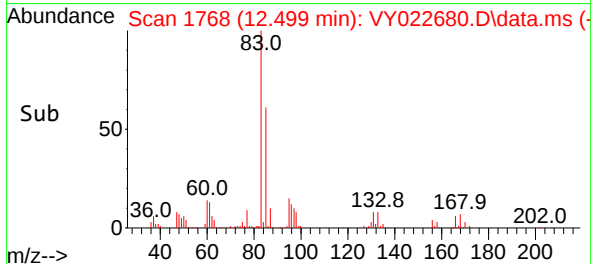
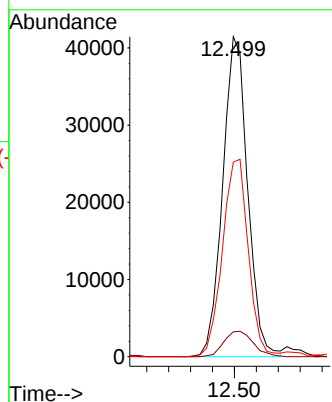
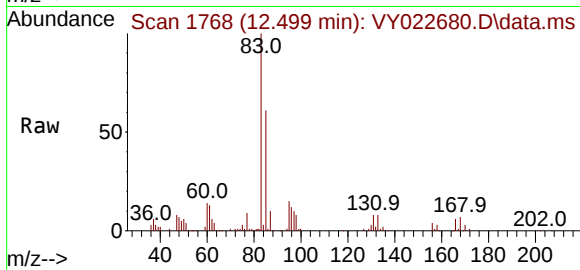




#75
 1,1,2-Tetrachloroethane
 Concen: 48.162 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: VY022680.D
 Acq: 12 Jun 2025 18:05

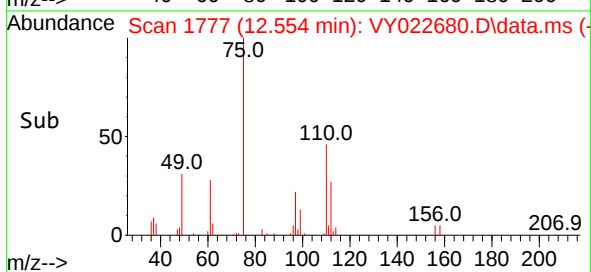
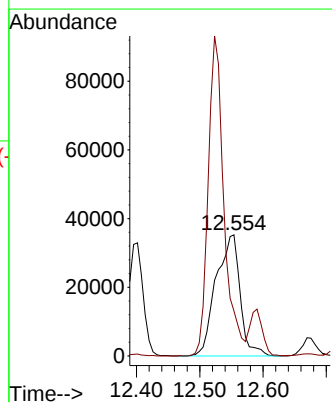
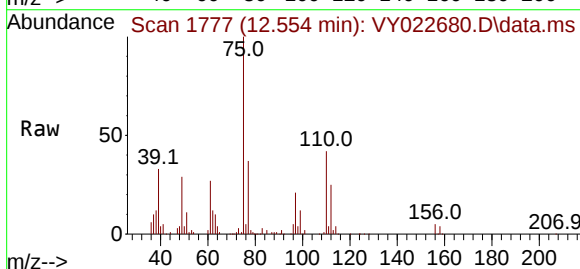
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

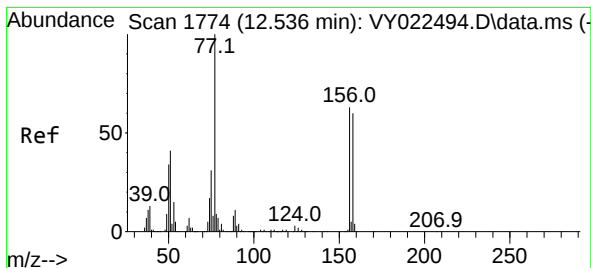
Tgt Ion: 83 Resp: 65584
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.9 14.7
 85 63.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 80.604 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022680.D
 Acq: 12 Jun 2025 18:05

Tgt Ion: 75 Resp: 93190
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.522 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

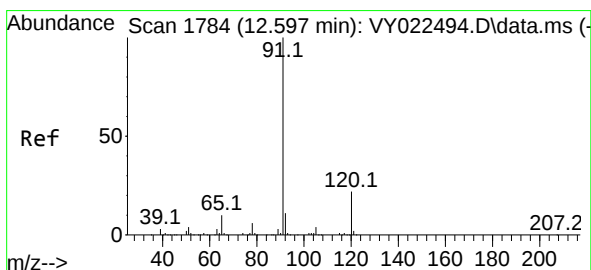
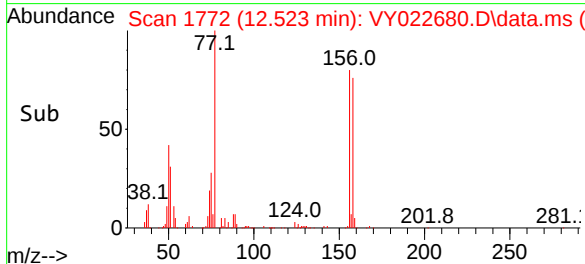
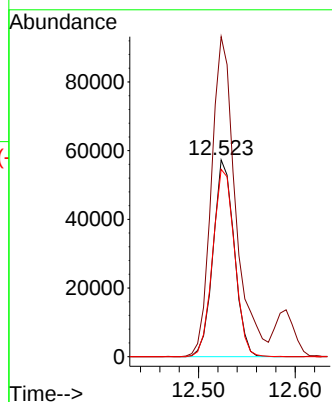
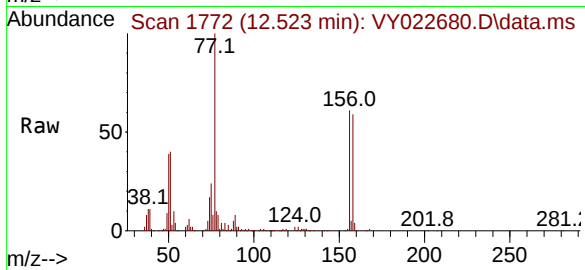
Tgt Ion:156 Resp: 86705

Ion Ratio Lower Upper

156 100

77 186.9 94.0 282.1

158 98.9 48.2 144.6



#78

n-propylbenzene

Concen: 47.902 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022680.D

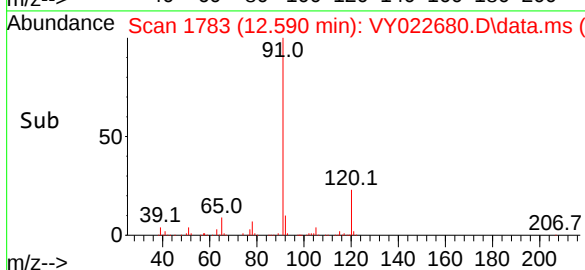
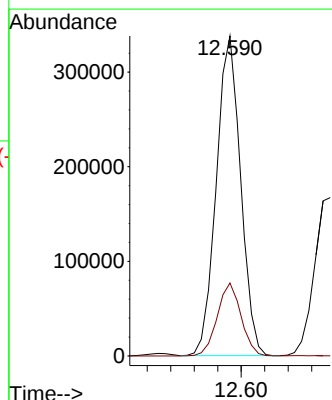
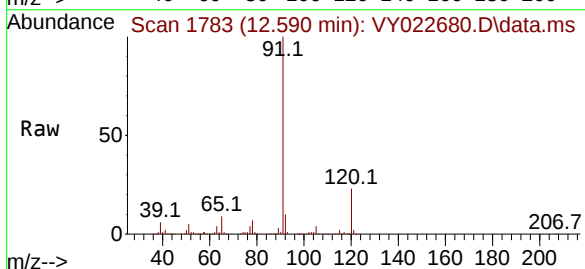
Acq: 12 Jun 2025 18:05

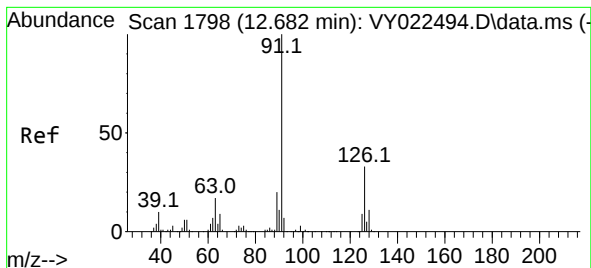
Tgt Ion: 91 Resp: 485434

Ion Ratio Lower Upper

91 100

120 22.3 10.8 32.4





#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

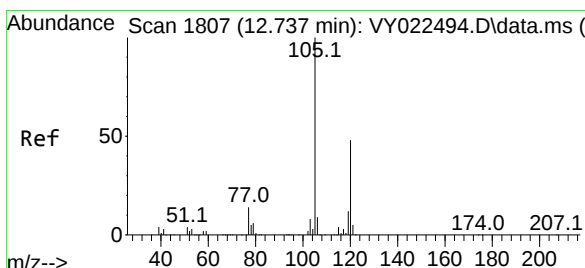
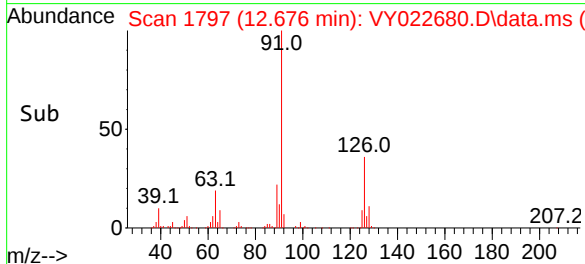
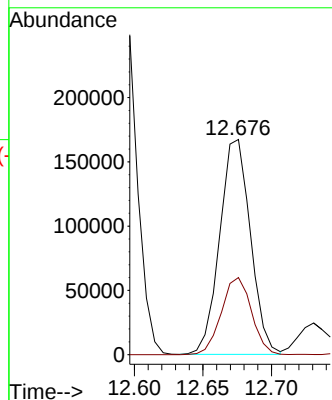
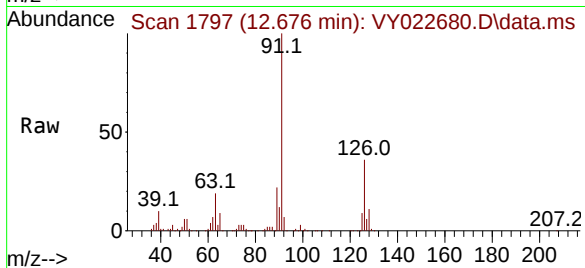
VSTDCCC050EC

Tgt Ion: 91 Resp: 261420

Ion Ratio Lower Upper

91 100

126 35.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 48.748 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY022680.D

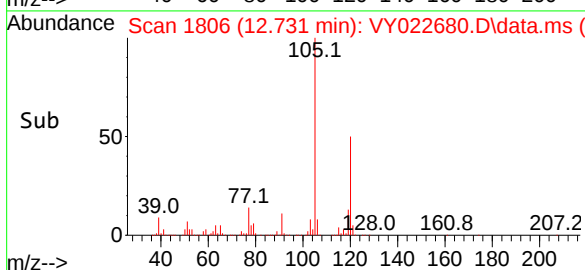
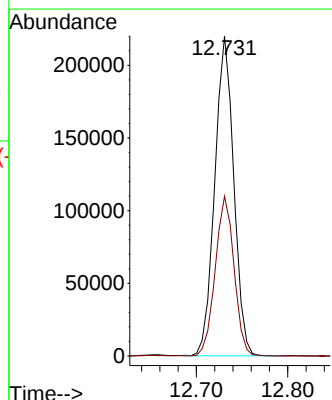
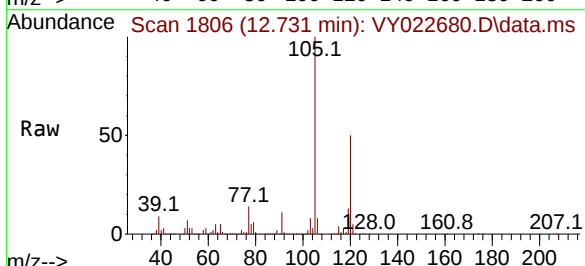
Acq: 12 Jun 2025 18:05

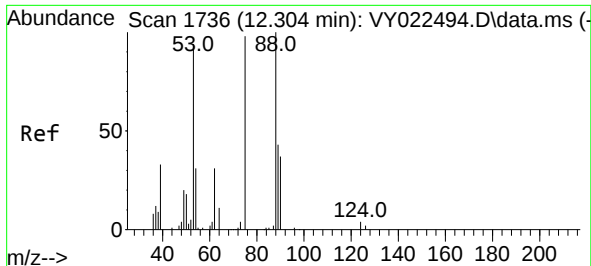
Tgt Ion:105 Resp: 317539

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.4

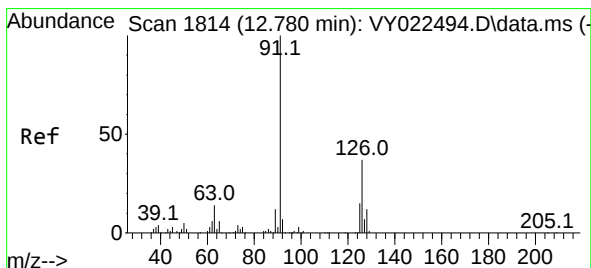
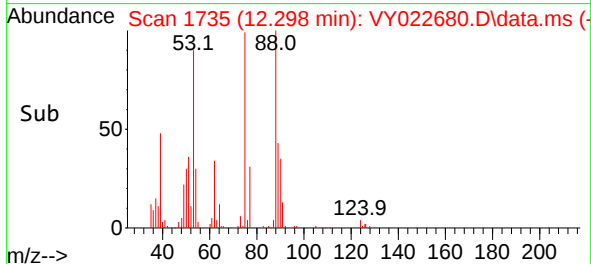
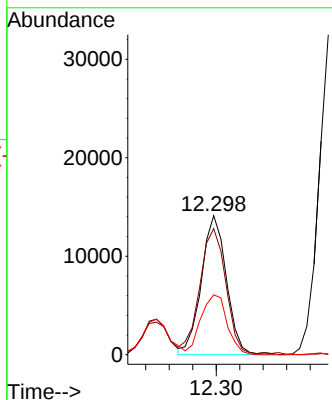
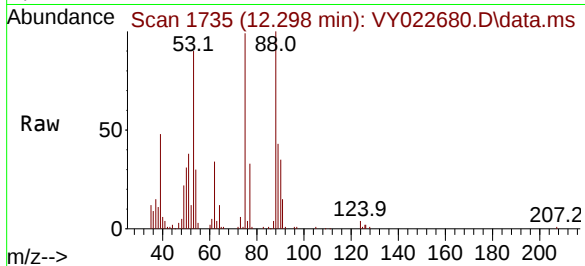




#81
trans-1,4-Dichloro-2-butene
Concen: 43.856 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

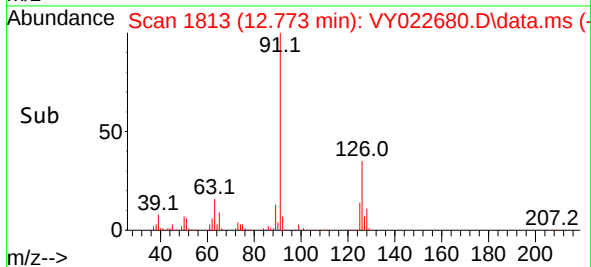
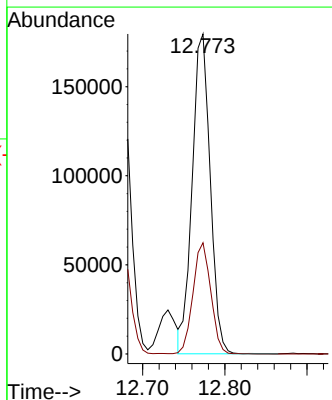
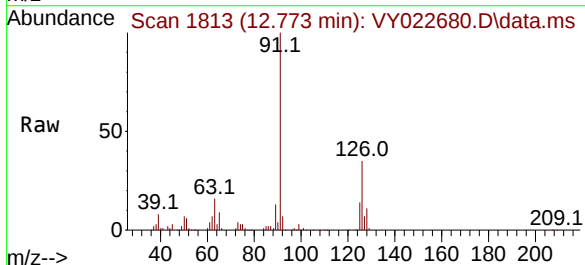
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

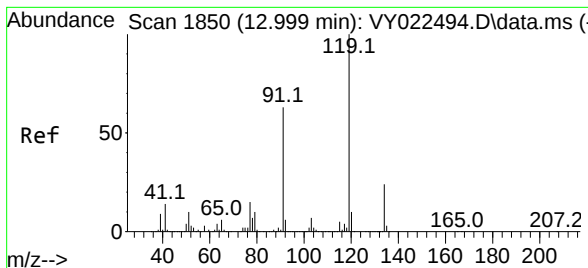
Tgt Ion: 75 Resp: 20996
Ion Ratio Lower Upper
75 100
53 92.8 78.5 117.7
89 44.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.201 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 91 Resp: 272608
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

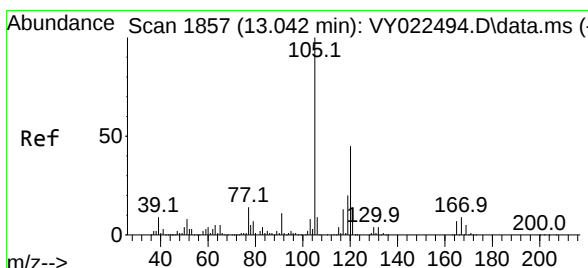
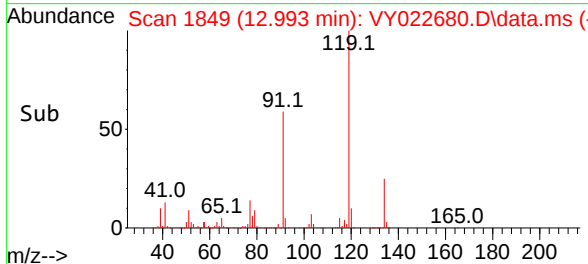
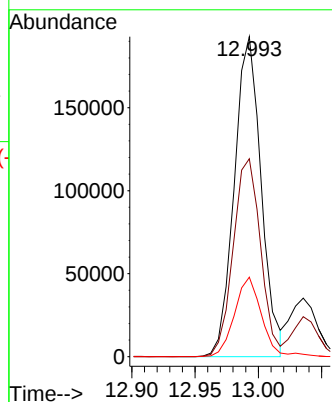
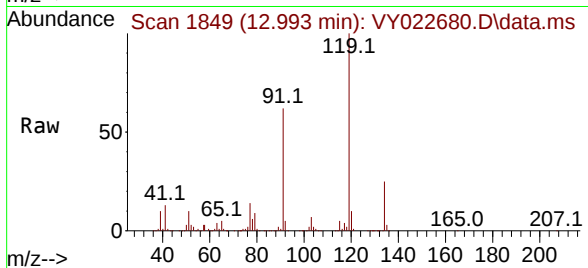




#83
 tert-Butylbenzene
 Concen: 48.844 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022680.D
 Acq: 12 Jun 2025 18:05

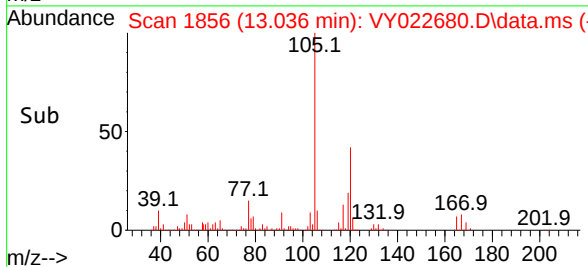
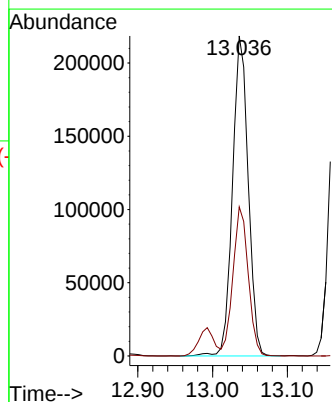
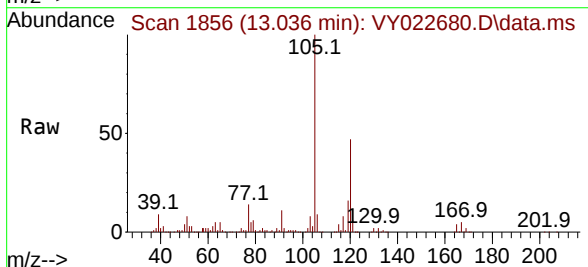
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

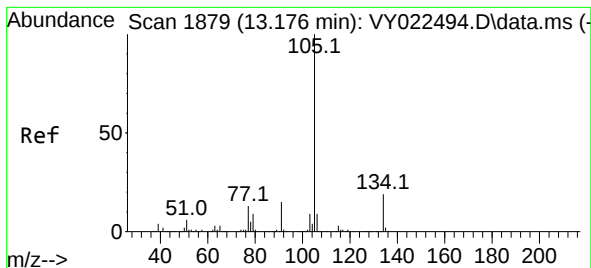
Tgt Ion:119 Resp: 285553
 Ion Ratio Lower Upper
 119 100
 91 63.1 32.1 96.3
 134 25.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.987 ug/l
 RT: 13.036 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: VY022680.D
 Acq: 12 Jun 2025 18:05

Tgt Ion:105 Resp: 319144
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.228 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

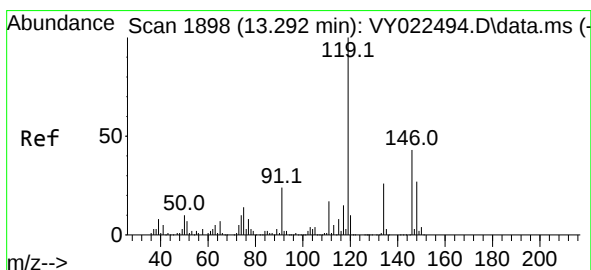
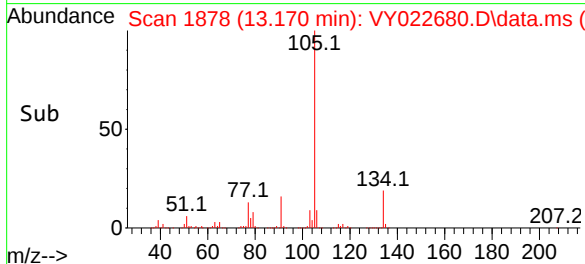
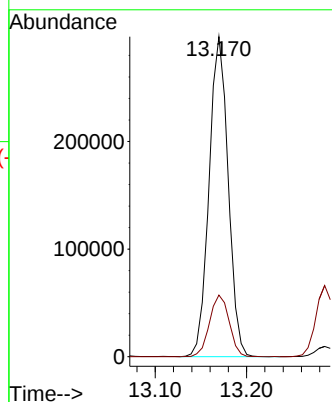
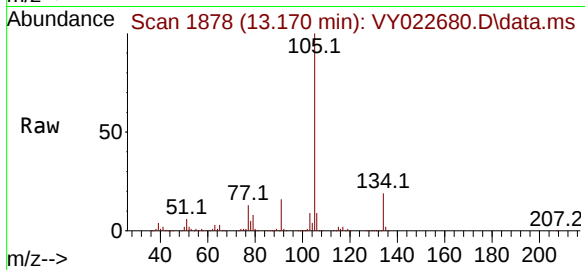
VSTDCCC050EC

Tgt Ion:105 Resp: 431821

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.843 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

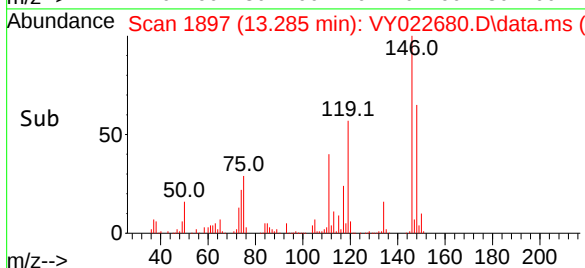
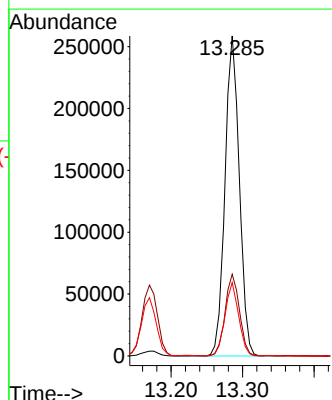
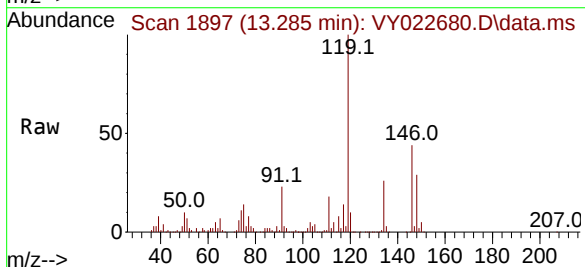
Tgt Ion:119 Resp: 360483

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 22.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.196 ug/l

RT: 13.279 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

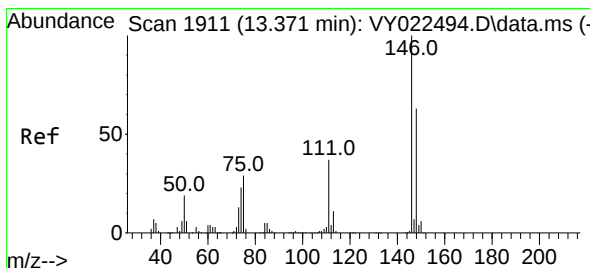
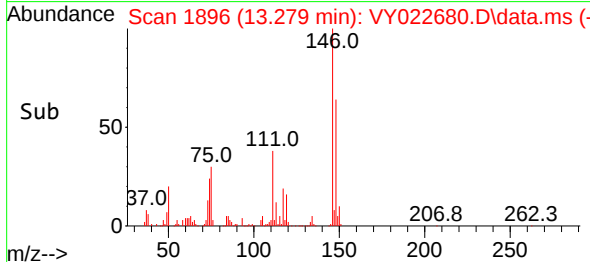
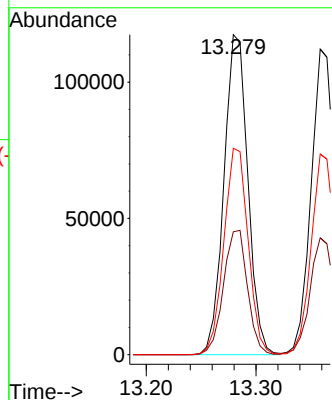
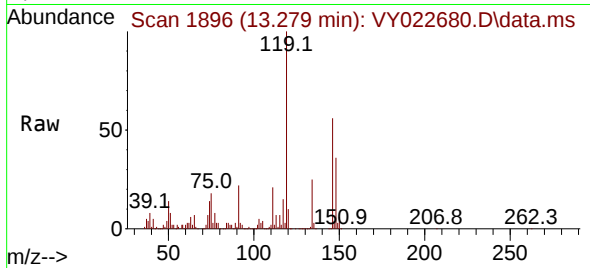
Tgt Ion:146 Resp: 178064

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.2

148 65.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.437 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

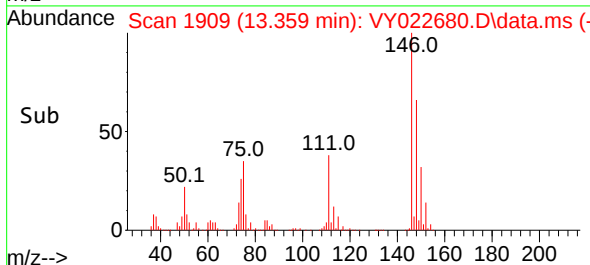
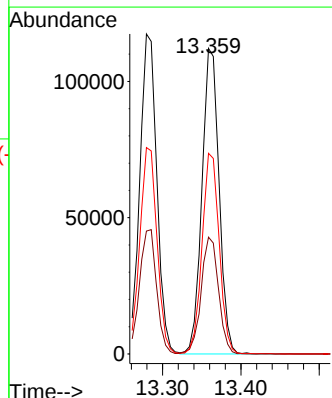
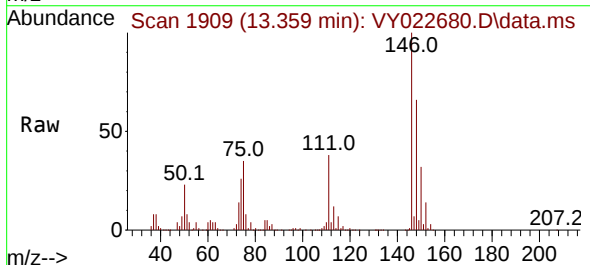
Tgt Ion:146 Resp: 170097

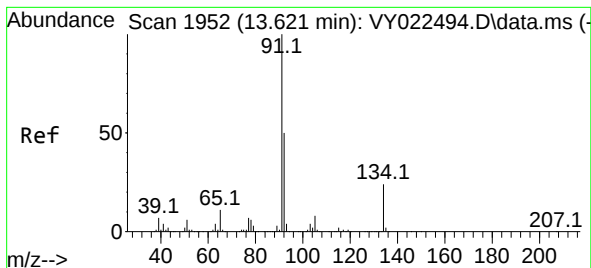
Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 65.8 31.6 94.8





#89

n-Butylbenzene

Concen: 48.536 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. -0.012 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

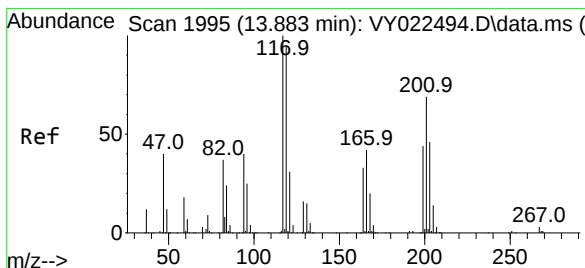
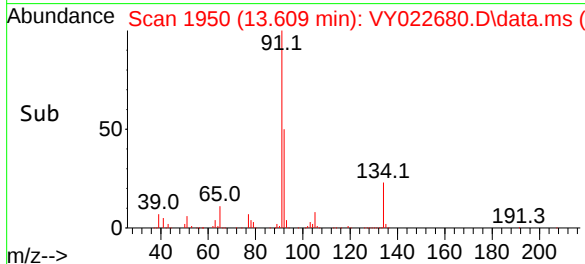
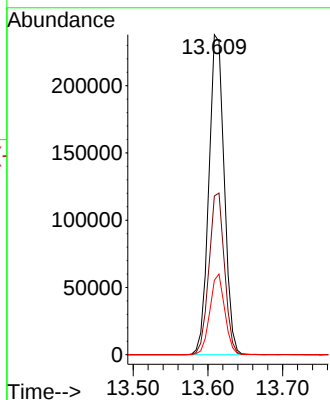
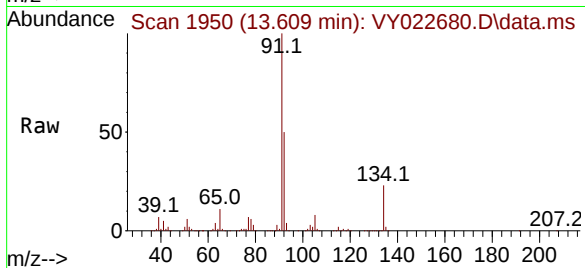
Tgt Ion: 91 Resp: 339862

Ion Ratio Lower Upper

91 100

92 51.0 25.9 77.8

134 24.4 12.0 36.1



#90

Hexachloroethane

Concen: 50.457 ug/l

RT: 13.871 min Scan# 1993

Delta R.T. -0.012 min

Lab File: VY022680.D

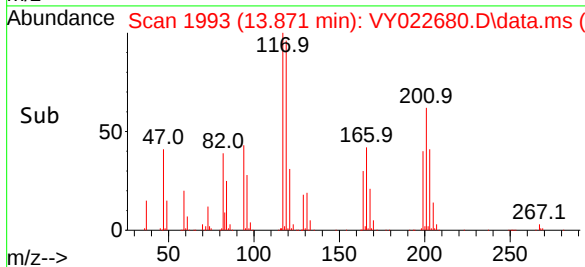
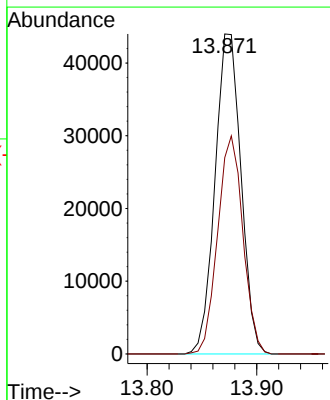
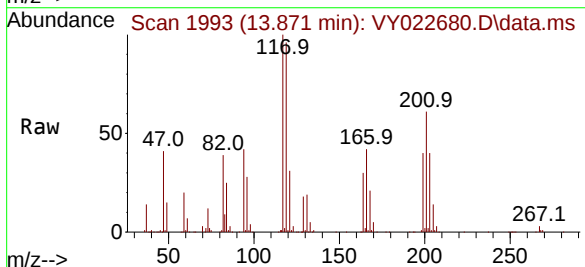
Acq: 12 Jun 2025 18:05

Tgt Ion: 117 Resp: 72498

Ion Ratio Lower Upper

117 100

201 66.2 34.0 102.0

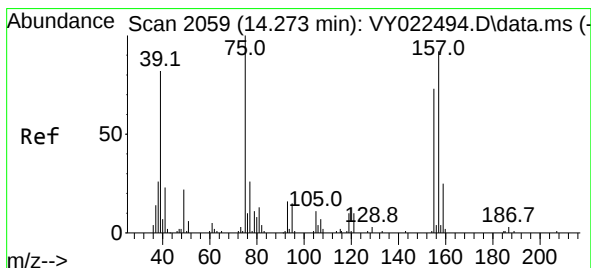
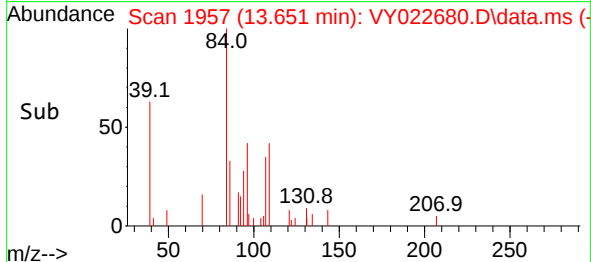
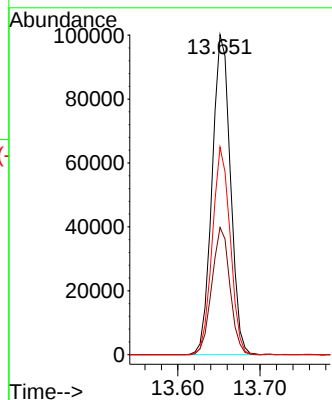
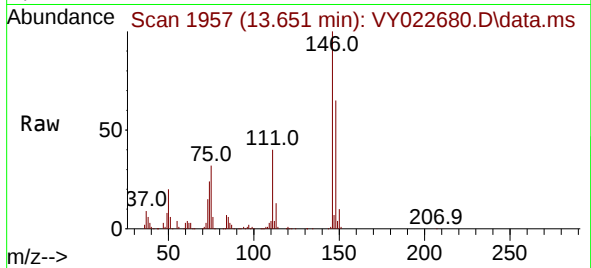




#91
1,2-Dichlorobenzene
Concen: 51.414 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

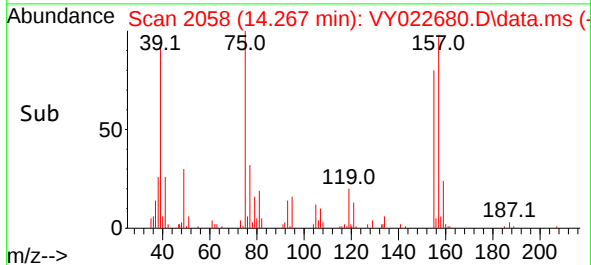
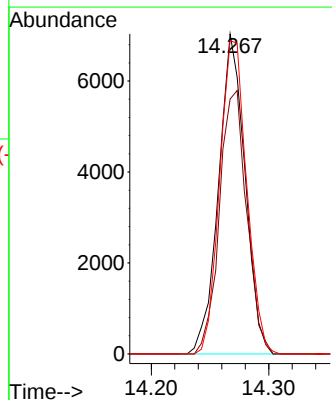
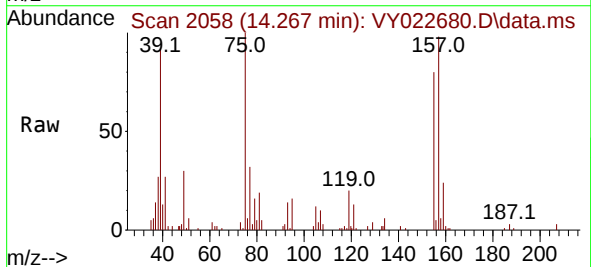
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

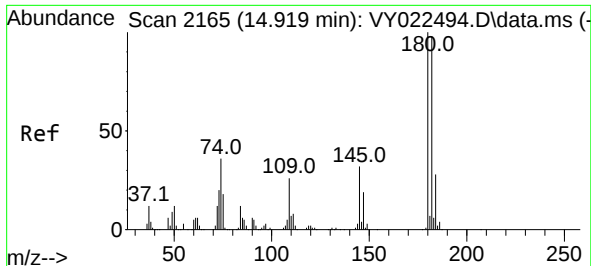
Tgt Ion:146 Resp: 154851
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.6
148 63.3 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.503 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion: 75 Resp: 11004
Ion Ratio Lower Upper
75 100
155 84.8 39.9 119.6
157 99.8 54.0 162.0

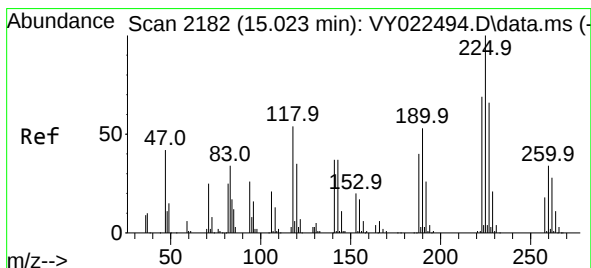
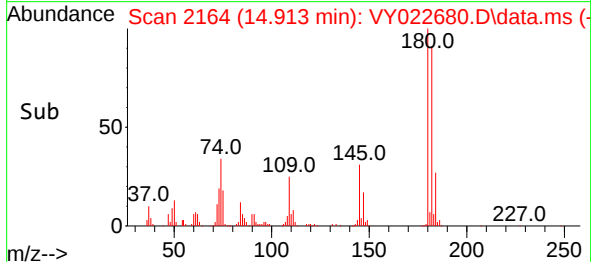
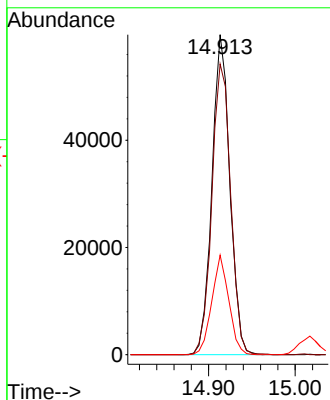
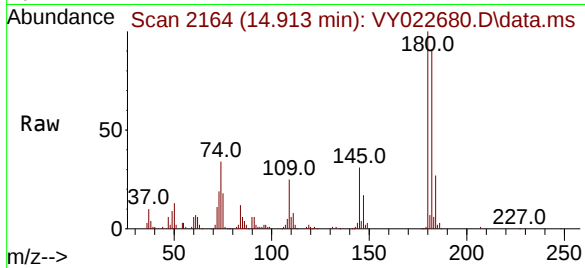




#93
1,2,4-Trichlorobenzene
Concen: 52.146 ug/l
RT: 14.913 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

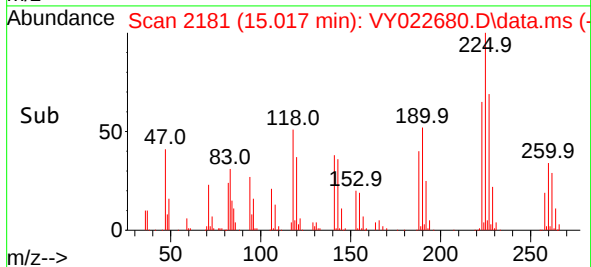
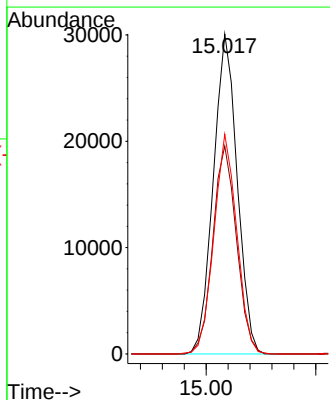
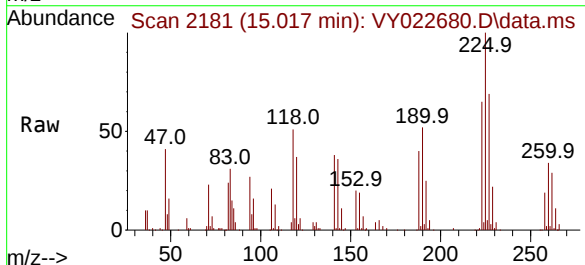
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

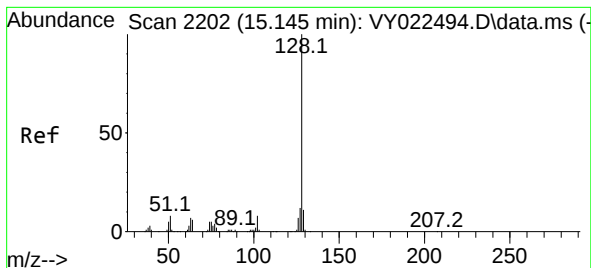
Tgt Ion:180 Resp: 85657
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.3
145 29.6 15.5 46.5



#94
Hexachlorobutadiene
Concen: 50.190 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022680.D
Acq: 12 Jun 2025 18:05

Tgt Ion:225 Resp: 45504
Ion Ratio Lower Upper
225 100
223 64.4 32.5 97.4
227 66.1 32.3 96.9





#95

Naphthalene

Concen: 55.293 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

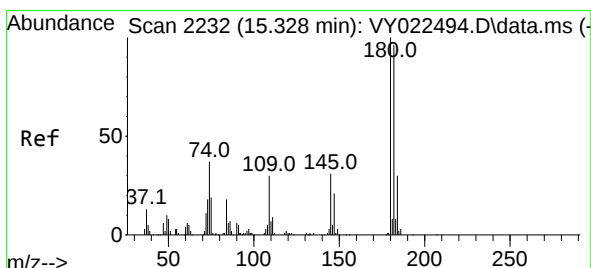
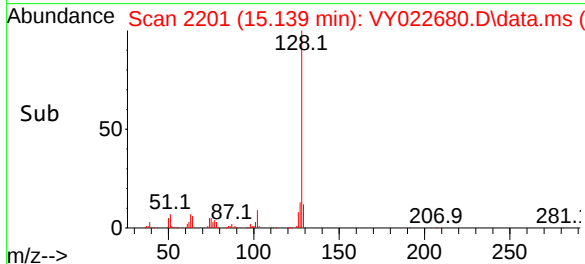
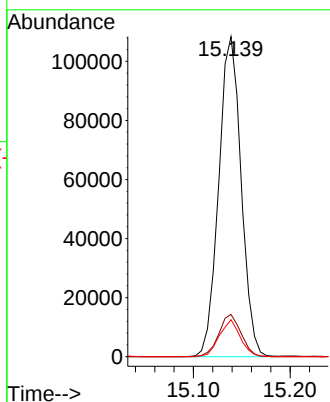
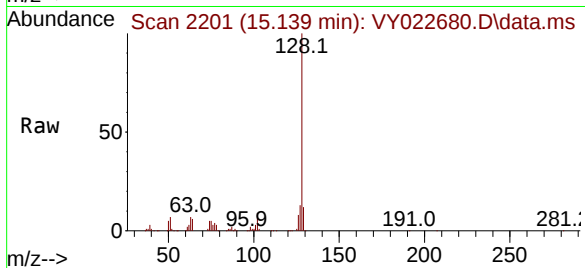
Tgt Ion:128 Resp: 174299

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 53.704 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022680.D

Acq: 12 Jun 2025 18:05

Tgt Ion:180 Resp: 75603

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 32.6 15.2 45.6

