

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023336.D
 Acq On : 11 Sep 2025 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:21:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	507428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	734316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	648076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	338891	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	218604	49.027	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.640	113	236264	52.636	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.280%
50) Toluene-d8	10.109	98	910635	53.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.408	95	288778	54.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	183596	45.099	ug/l	98
3) Chloromethane	2.074	50	290025	49.787	ug/l	99
4) Vinyl Chloride	2.208	62	359113	48.934	ug/l	100
5) Bromomethane	2.605	94	273012	45.561	ug/l	100
6) Chloroethane	2.745	64	245113	49.355	ug/l	98
7) Trichlorofluoromethane	3.062	101	449829	48.564	ug/l	98
8) Diethyl Ether	3.458	74	111139	45.347	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	242244	48.631	ug/l	97
10) Methyl Iodide	4.013	142	286651	49.330	ug/l	98
11) Tert butyl alcohol	4.866	59	54610	211.964	ug/l	99
12) 1,1-Dichloroethene	3.793	96	230755	48.155	ug/l	90
13) Acrolein	3.653	56	64935	149.084	ug/l	99
14) Allyl chloride	4.391	41	288046	47.585	ug/l	97
15) Acrylonitrile	5.061	53	219827	227.844	ug/l	99
16) Acetone	3.873	43	268739	264.599	ug/l	99
17) Carbon Disulfide	4.110	76	727761	47.970	ug/l	99
18) Methyl Acetate	4.391	43	108836	43.685	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	528604	46.915	ug/l	98
20) Methylene Chloride	4.622	84	257120	47.318	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	265953	49.673	ug/l	93
22) Diisopropyl ether	6.025	45	657010	48.735	ug/l	97
23) Vinyl Acetate	5.964	43	1796770	241.085	ug/l	97
24) 1,1-Dichloroethane	5.921	63	427208	48.450	ug/l	98
25) 2-Butanone	6.896	43	306589	245.264	ug/l	94
26) 2,2-Dichloropropane	6.890	77	389471	50.024	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	296113	48.838	ug/l	95
28) Bromochloromethane	7.250	49	168900	48.680	ug/l	90
29) Tetrahydrofuran	7.268	42	168243	226.911	ug/l	96
30) Chloroform	7.427	83	461890	48.752	ug/l	97
31) Cyclohexane	7.707	56	368353	47.208	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	414547	48.974	ug/l	99
36) 1,1-Dichloropropene	7.841	75	330481	51.694	ug/l	98
37) Ethyl Acetate	6.988	43	118585	46.629	ug/l	98
38) Carbon Tetrachloride	7.823	117	384065	52.210	ug/l	96
39) Methylcyclohexane	9.109	83	431729	52.787	ug/l	97
40) Benzene	8.085	78	1024255	51.544	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	63978	48.580	ug/l	88
42) 1,2-Dichloroethane	8.158	62	254088	50.222	ug/l	99
43) Isopropyl Acetate	8.201	43	235466	47.604	ug/l	98
44) Trichloroethene	8.866	130	279659	50.527	ug/l	99
45) 1,2-Dichloropropane	9.146	63	229499	51.138	ug/l	99
46) Dibromomethane	9.231	93	135754	49.671	ug/l	97
47) Bromodichloromethane	9.426	83	353561	51.422	ug/l	99
48) Methyl methacrylate	9.219	41	111314	48.281	ug/l	92
49) 1,4-Dioxane	9.231	88	26251	946.211	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	621559	245.621	ug/l	98
52) Toluene	10.170	92	665850	52.801	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	302659	51.128	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	363190	51.345	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	183917	50.589	ug/l	96
56) Ethyl methacrylate	10.438	69	211067	50.111	ug/l	96
57) 1,3-Dichloropropane	10.719	76	295849	50.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	480471	261.728	ug/l	96
59) 2-Hexanone	10.762	43	451923	258.333	ug/l	99
60) Dibromochloromethane	10.914	129	250939	50.872	ug/l	100
61) 1,2-Dibromoethane	11.012	107	170069	49.922	ug/l	99
64) Tetrachloroethene	10.646	164	310123	48.013	ug/l	99
65) Chlorobenzene	11.444	112	727072	51.211	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	255802	51.331	ug/l	98
67) Ethyl Benzene	11.518	91	1242274	53.558	ug/l	98
68) m/p-Xylenes	11.627	106	1013145	109.084	ug/l	96
69) o-Xylene	11.957	106	463727	53.935	ug/l	99
70) Styrene	11.969	104	776398	54.486	ug/l	98
71) Bromoform	12.133	173	147678	49.762	ug/l #	99
73) Isopropylbenzene	12.255	105	1208497	52.940	ug/l	99
74) N-amyl acetate	12.072	43	206615	47.884	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	191287	49.929	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	250943	73.121	ug/l #	100
77) Bromobenzene	12.530	156	295361	50.644	ug/l	92
78) n-propylbenzene	12.597	91	1436427	53.388	ug/l	98
79) 2-Chlorotoluene	12.682	91	808060	52.144	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	998306	53.770	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61368	48.765	ug/l	98
82) 4-Chlorotoluene	12.780	91	840944	51.862	ug/l	99
83) tert-Butylbenzene	12.999	119	894959	53.223	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	991359	53.974	ug/l	98
85) sec-Butylbenzene	13.176	105	1312523	53.647	ug/l	99
86) p-Isopropyltoluene	13.292	119	1118886	54.140	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	591233	51.231	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	566690	49.576	ug/l	98
89) n-Butylbenzene	13.615	91	979983	53.468	ug/l	98
90) Hexachloroethane	13.877	117	225507	50.331	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	503467	50.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27783	46.217	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	291060	49.590	ug/l	100
94) Hexachlorobutadiene	15.023	225	182651	50.331	ug/l	99
95) Naphthalene	15.145	128	452332	47.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	247223	48.500	ug/l	100

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ClientSampleId :
VSTDCCC050

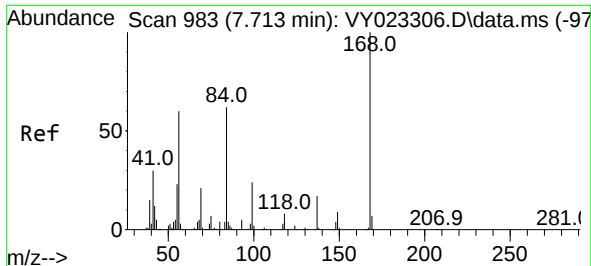
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Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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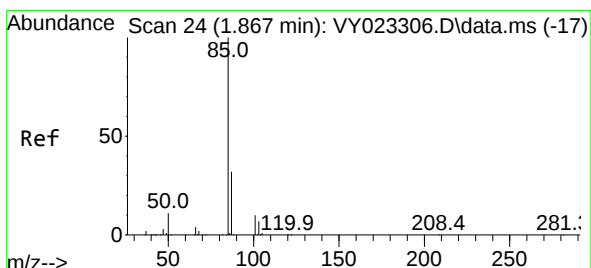
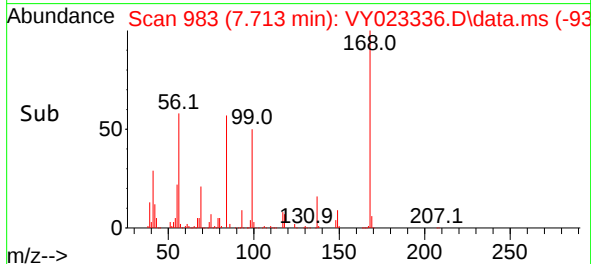
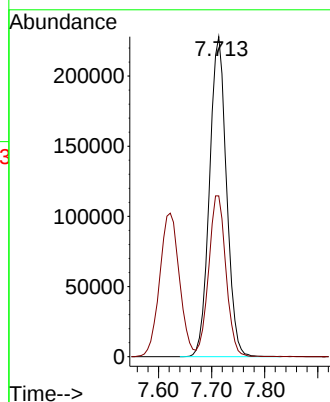
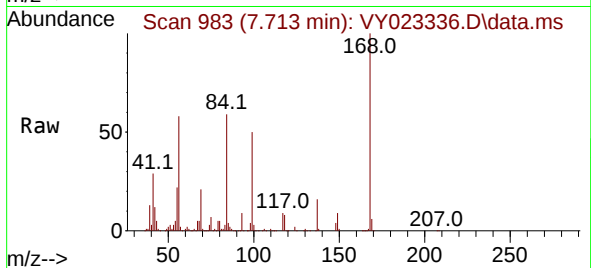




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

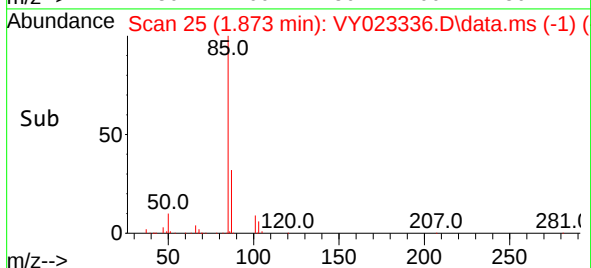
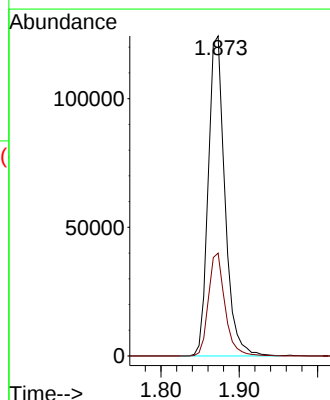
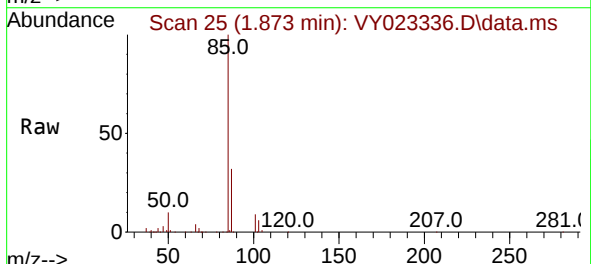
Instrument :
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ClientSampleId :
VSTDCCC050

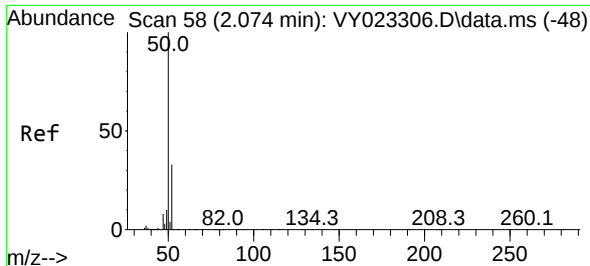
Tgt Ion:168 Resp: 507428
Ion Ratio Lower Upper
168 100
99 50.2 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 45.099 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 85 Resp: 183596
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8

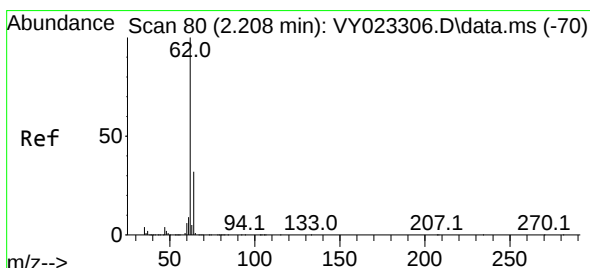
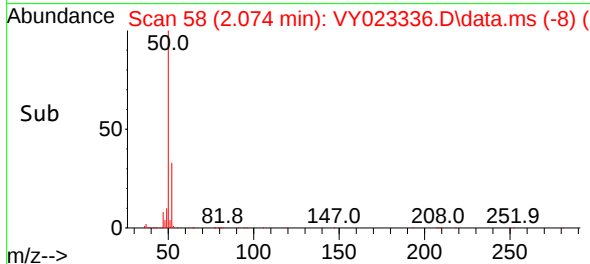
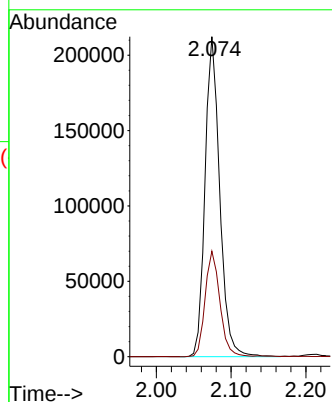
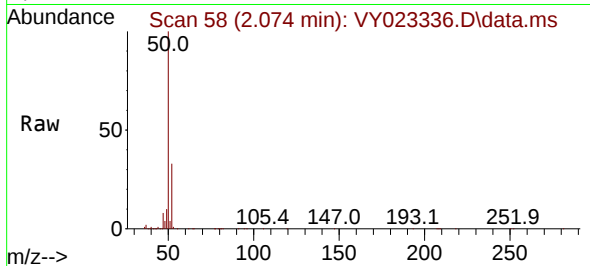




#3
Chloromethane
Concen: 49.787 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

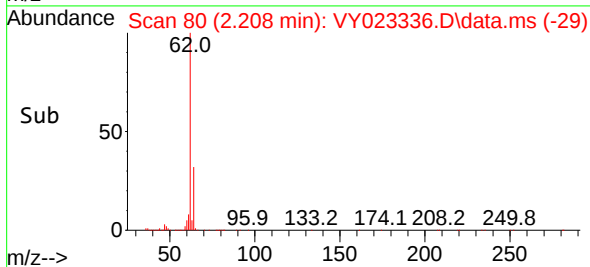
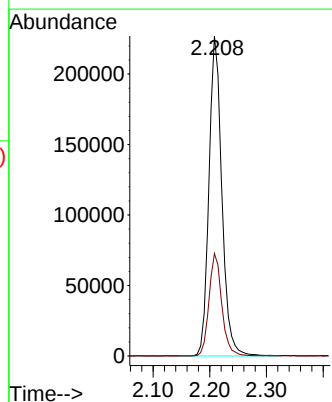
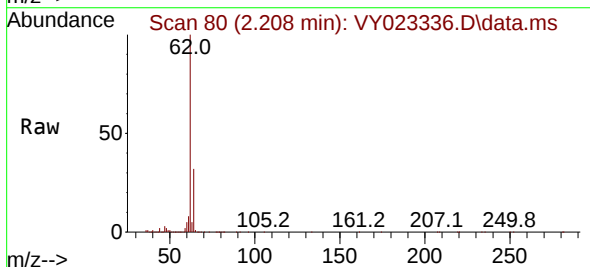
Instrument :
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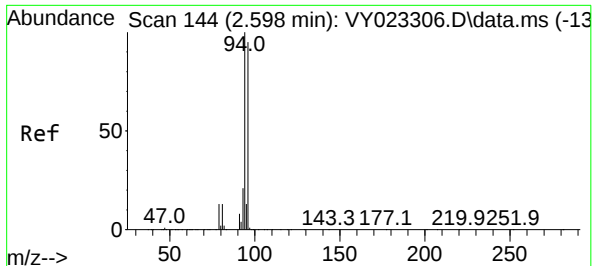
Tgt Ion: 50 Resp: 290025
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 48.934 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 62 Resp: 359113
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

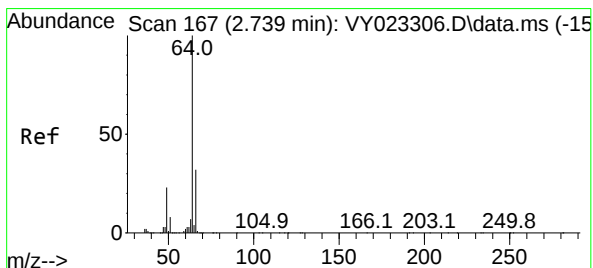
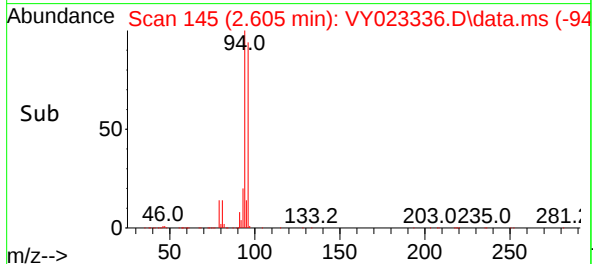
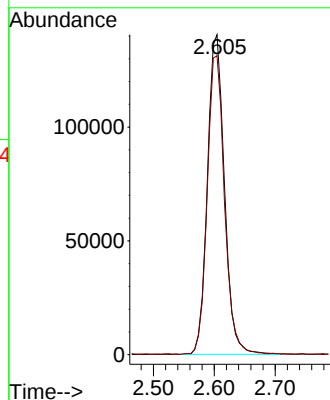
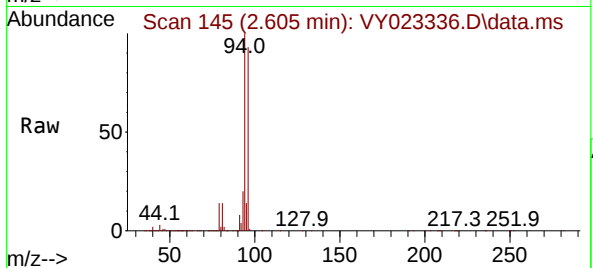




#5
Bromomethane
Concen: 45.561 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

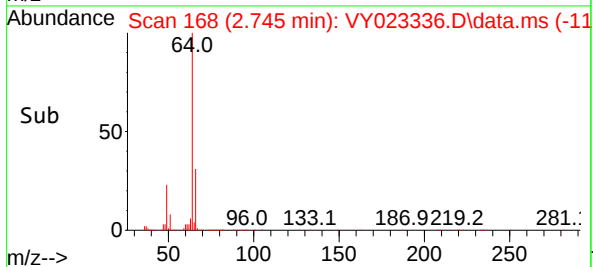
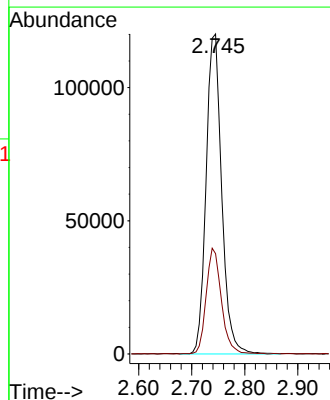
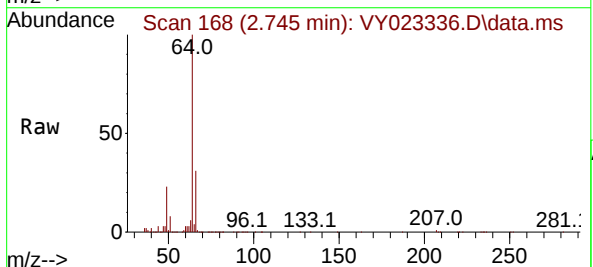
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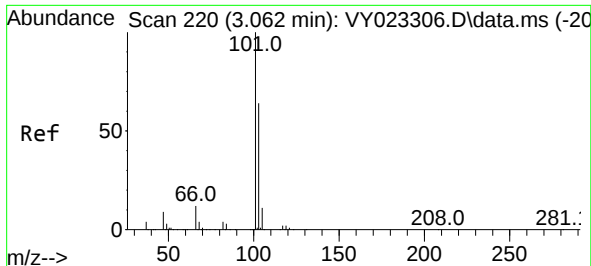
Tgt Ion: 94 Resp: 273012
Ion Ratio Lower Upper
94 100
96 93.4 74.6 112.0



#6
Chloroethane
Concen: 49.355 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.018 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 64 Resp: 245113
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.6

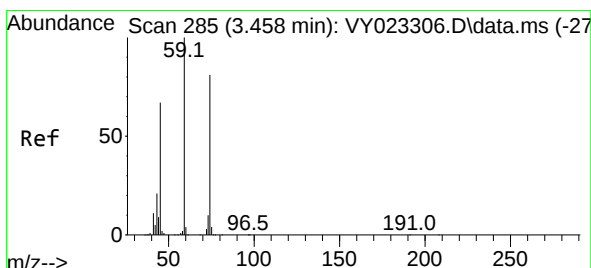
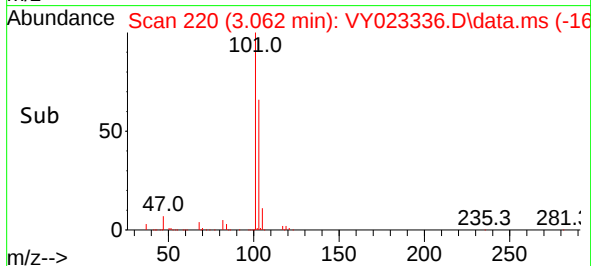
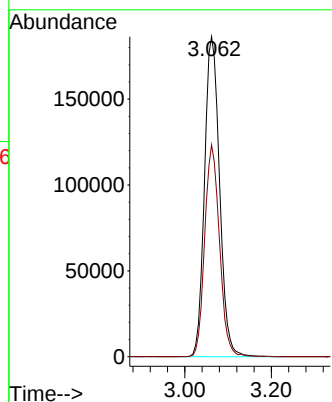
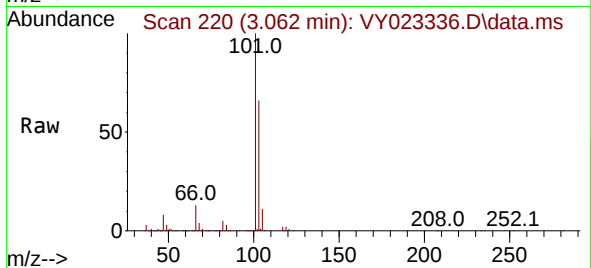




#7
 Trichlorofluoromethane
 Concen: 48.564 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY023336.D
 Acq: 11 Sep 2025 09:07

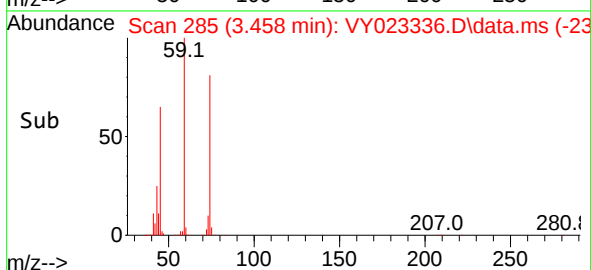
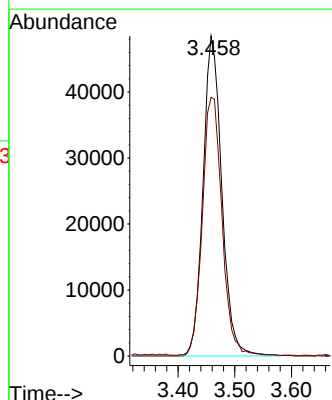
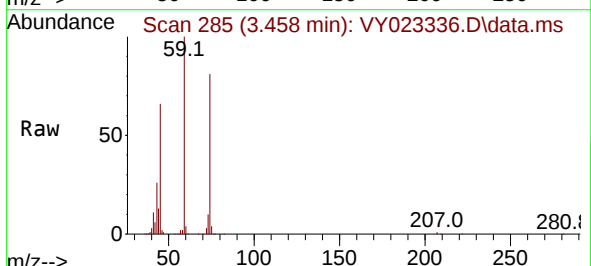
Instrument :
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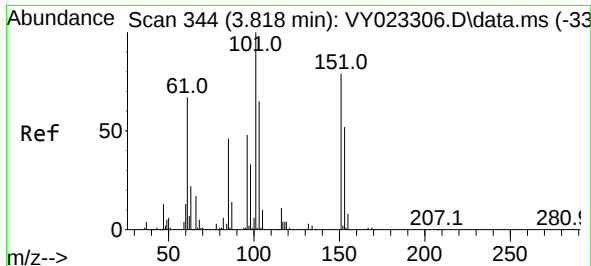
Tgt Ion:101 Resp: 449829
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.347 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023336.D
 Acq: 11 Sep 2025 09:07

Tgt Ion: 74 Resp: 111139
 Ion Ratio Lower Upper
 74 100
 45 84.9 44.4 133.2

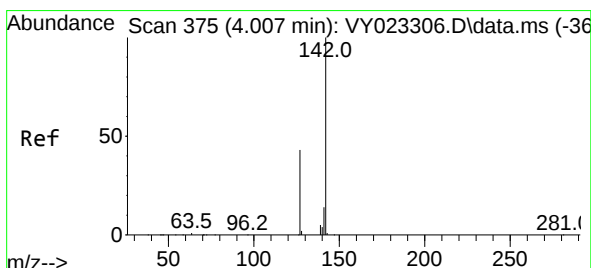
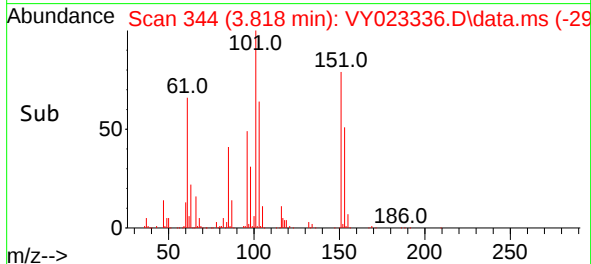
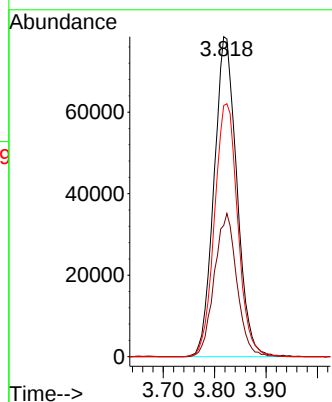
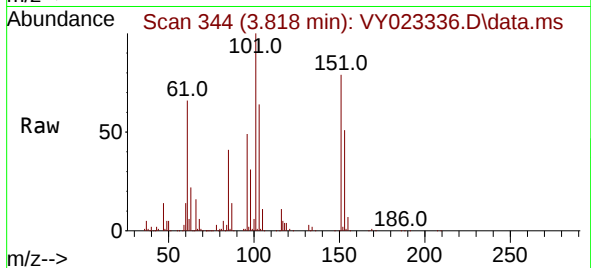




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.631 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023336.D
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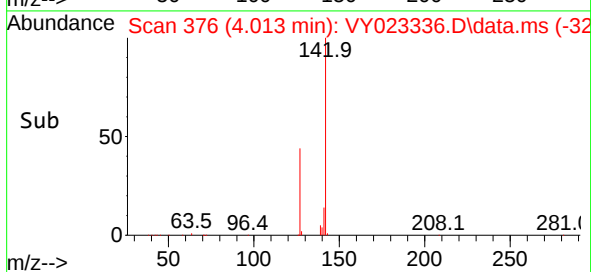
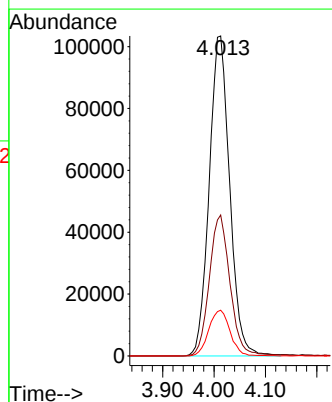
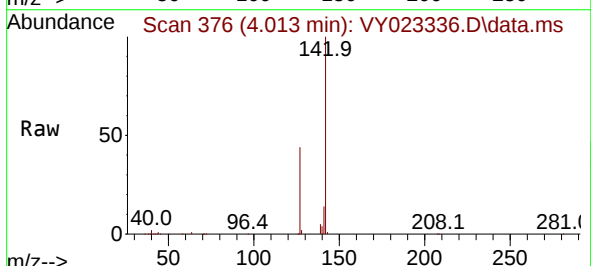
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

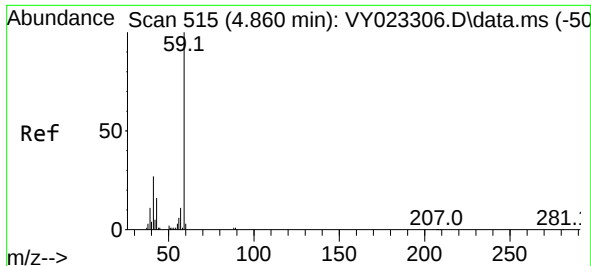
Tgt Ion:101 Resp: 242244
Ion Ratio Lower Upper
101 100
85 44.2 36.3 54.5
151 80.5 61.5 92.3



#10
Methyl Iodide
Concen: 49.330 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion:142 Resp: 286651
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 14.9 11.3 16.9

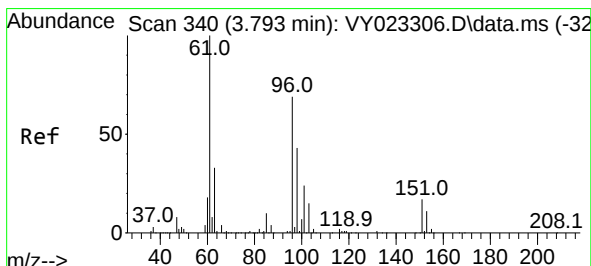
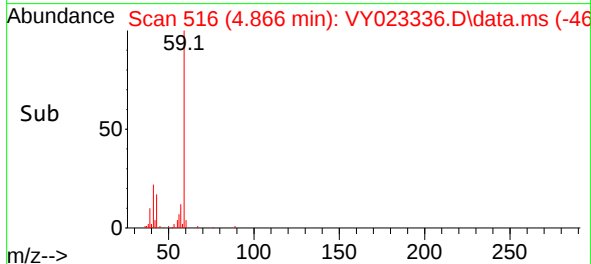
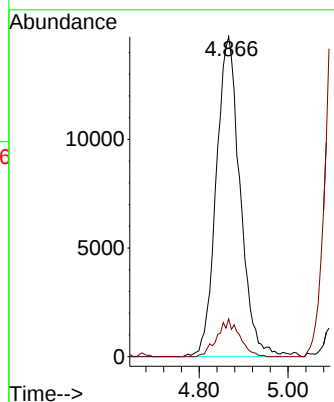
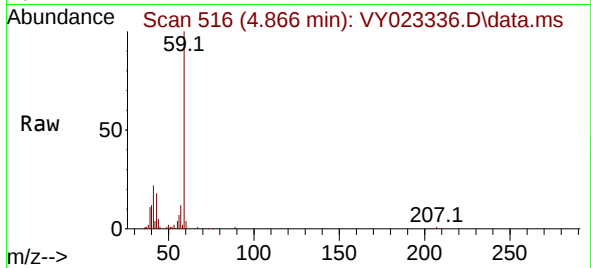




#11
Tert butyl alcohol
Concen: 211.964 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

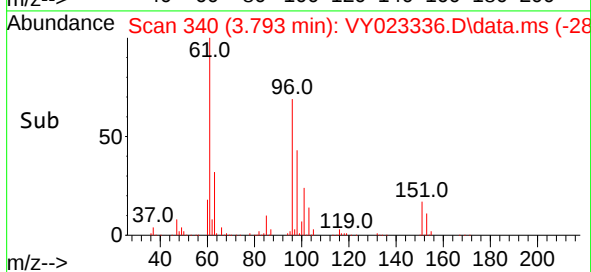
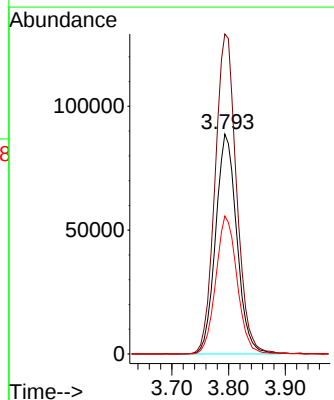
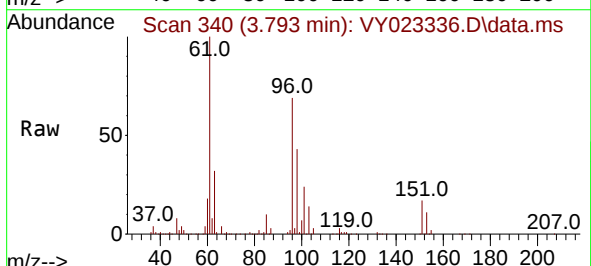
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

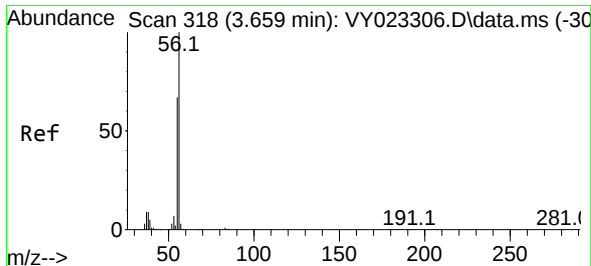
Tgt Ion: 59 Resp: 54610
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.155 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 96 Resp: 230755
Ion Ratio Lower Upper
96 100
61 145.6 129.4 194.2
98 62.7 52.8 79.2

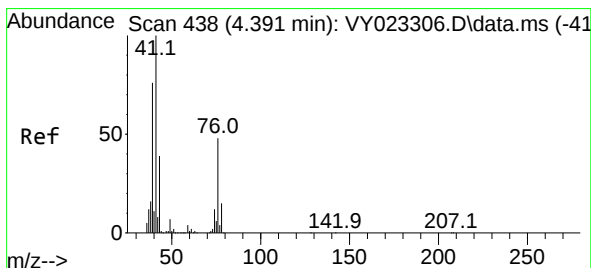
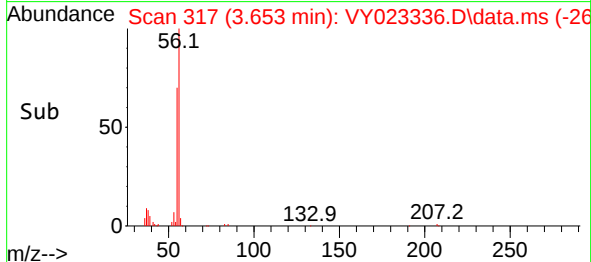
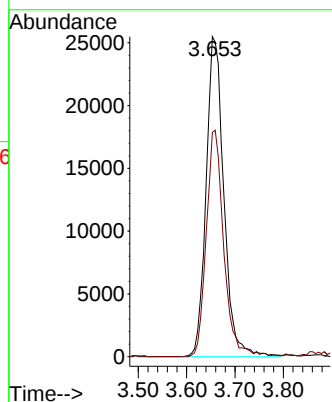
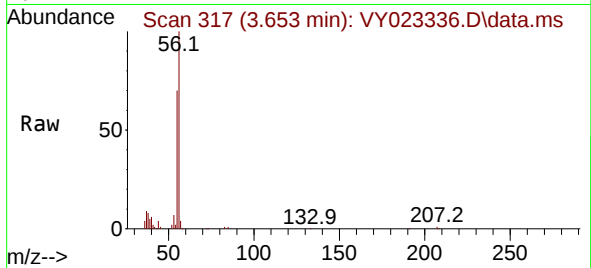




#13
Acrolein
Concen: 149.084 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

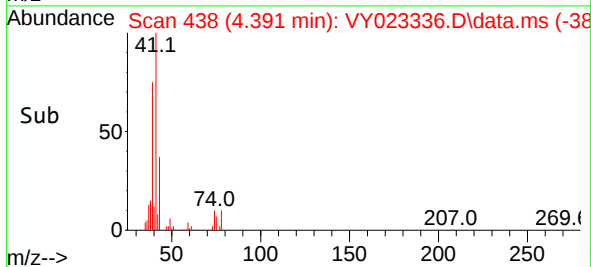
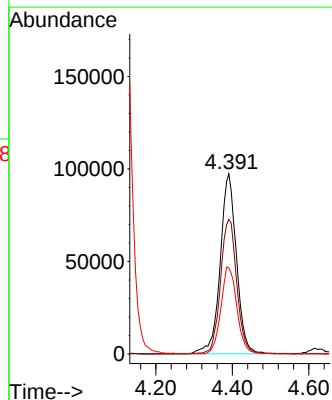
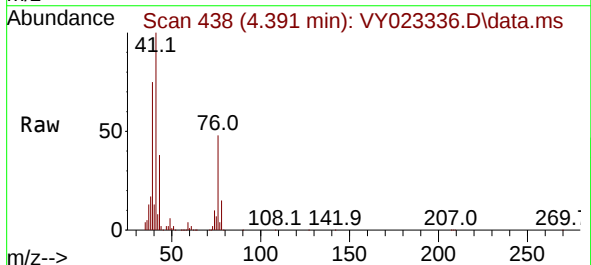
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

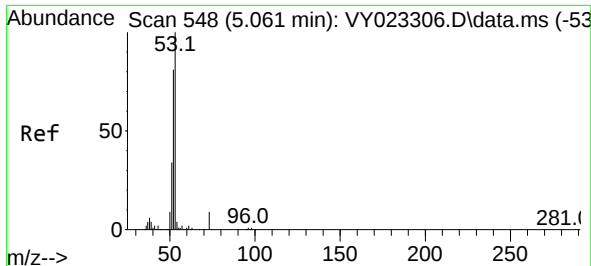
Tgt Ion: 56 Resp: 64935
Ion Ratio Lower Upper
56 100
55 69.7 55.2 82.8



#14
Allyl chloride
Concen: 47.585 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 41 Resp: 288046
Ion Ratio Lower Upper
41 100
39 74.9 59.8 89.6
76 47.5 33.7 50.5

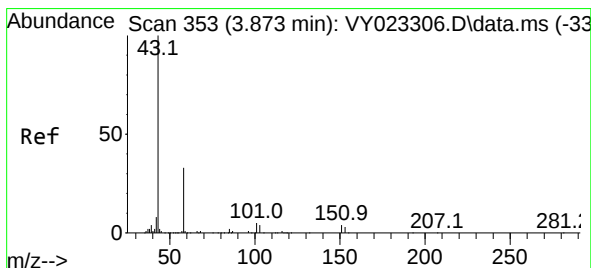
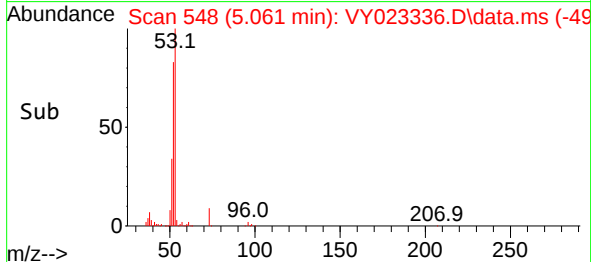
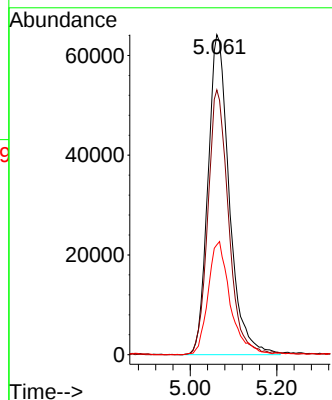
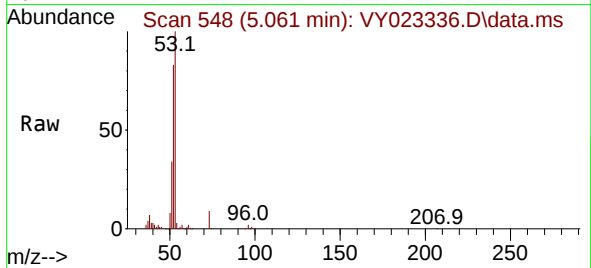




#15
Acrylonitrile
Concen: 227.844 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

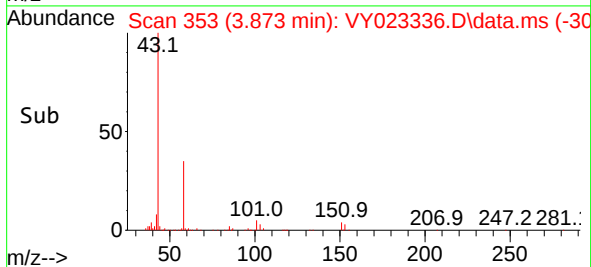
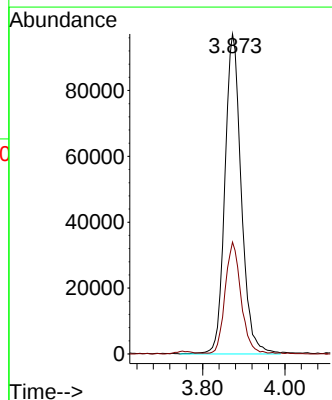
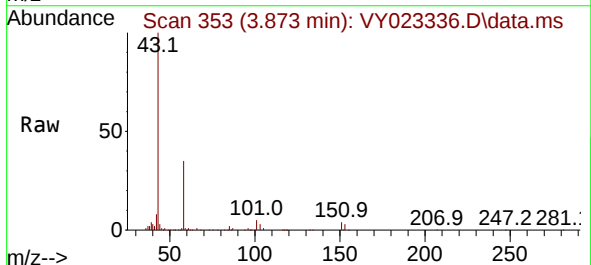
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

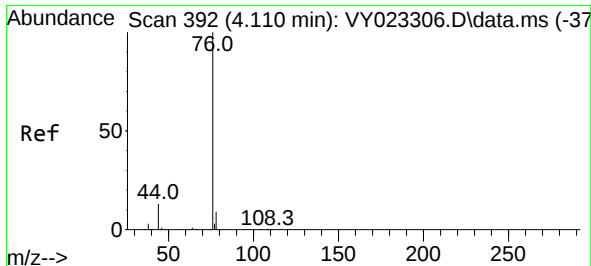
Tgt Ion: 53 Resp: 219827
Ion Ratio Lower Upper
53 100
52 80.5 65.3 97.9
51 36.8 29.5 44.3



#16
Acetone
Concen: 264.599 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 43 Resp: 268739
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7

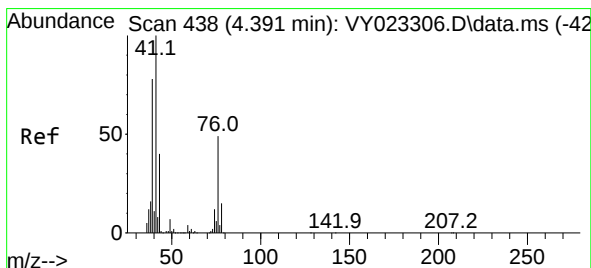
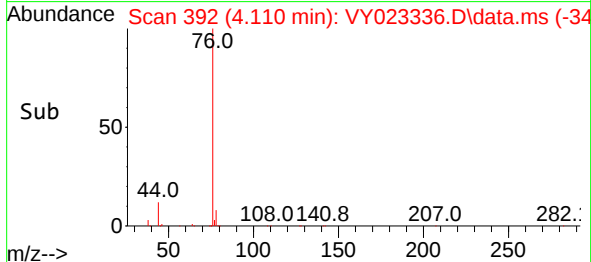
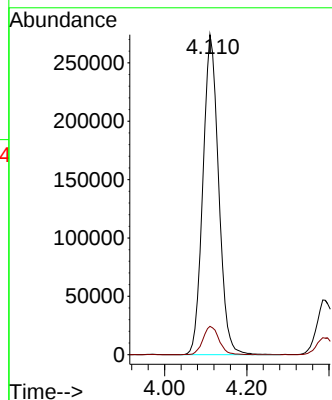
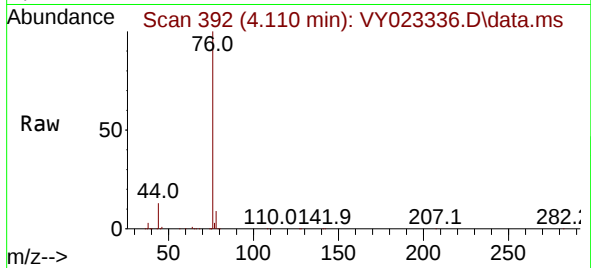




#17
Carbon Disulfide
Concen: 47.970 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

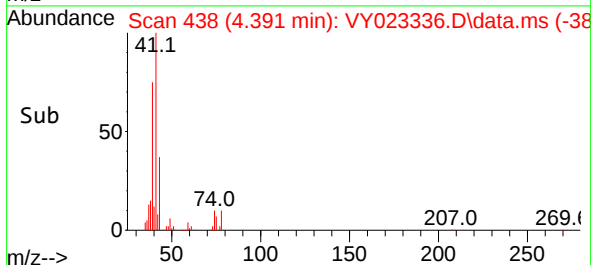
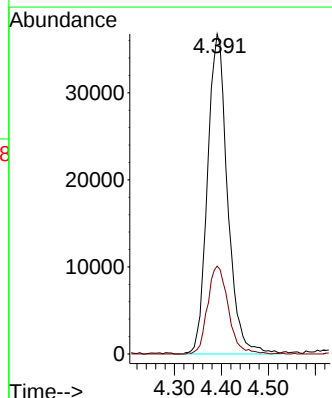
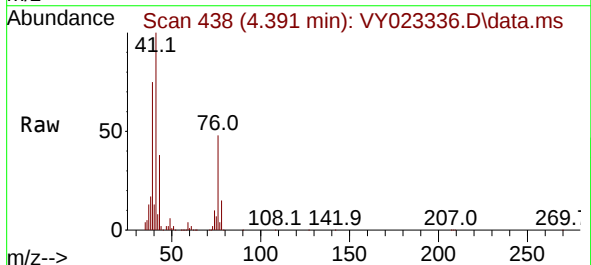
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

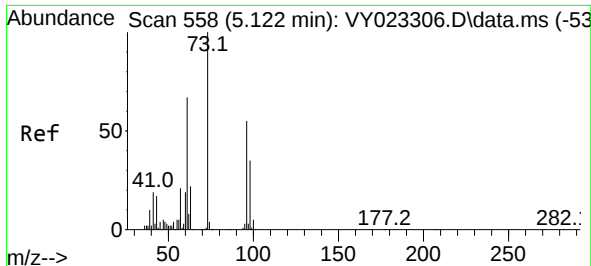
Tgt Ion: 76 Resp: 727761
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 43.685 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 43 Resp: 108836
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 46.915 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

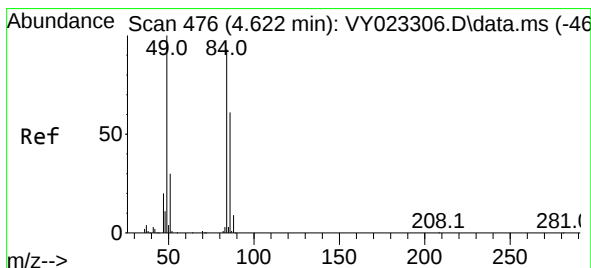
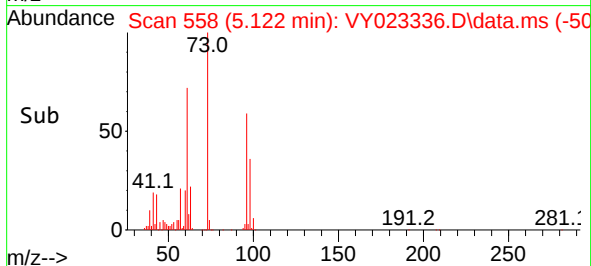
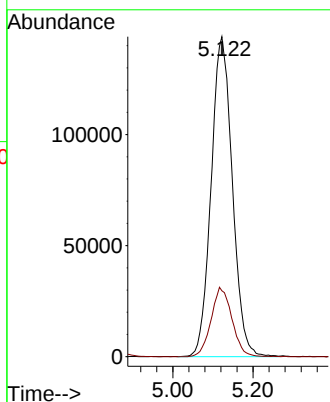
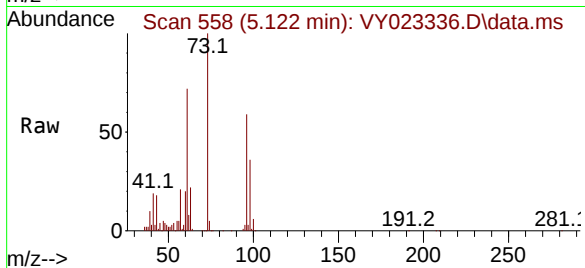
VSTDCCC050

Tgt Ion: 73 Resp: 528604

Ion Ratio Lower Upper

73 100

57 20.6 17.1 25.7



#20

Methylene Chloride

Concen: 47.318 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Tgt Ion: 84 Resp: 257120

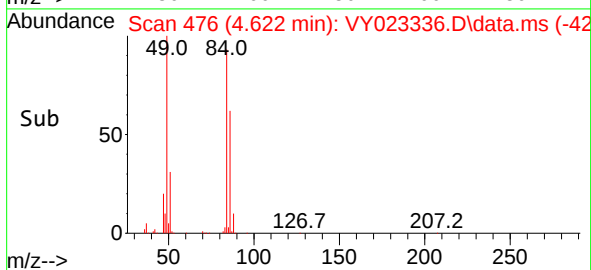
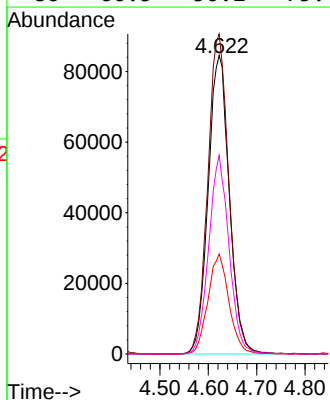
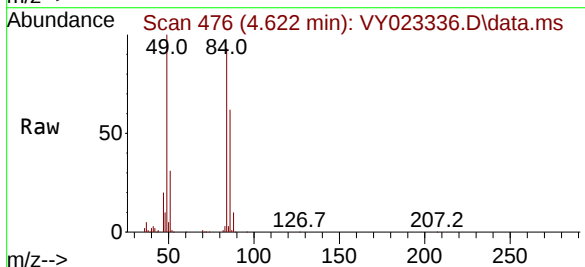
Ion Ratio Lower Upper

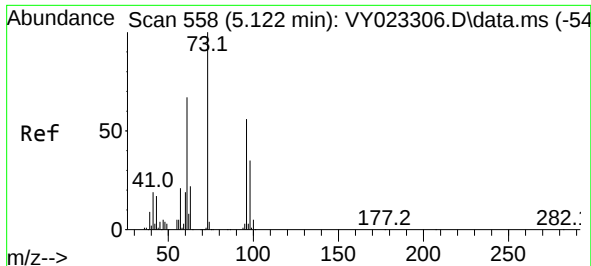
84 100

49 107.2 93.0 139.6

51 33.5 29.0 43.4

86 66.5 50.2 75.4

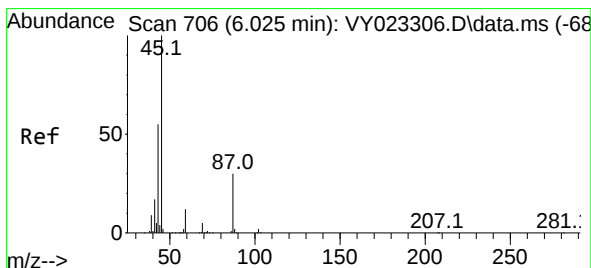
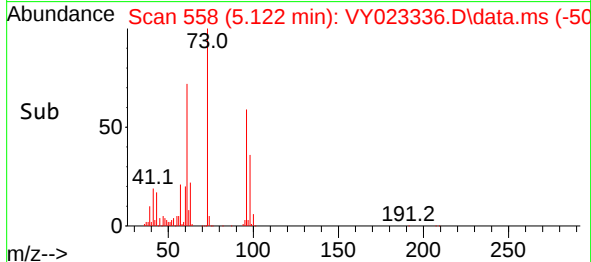
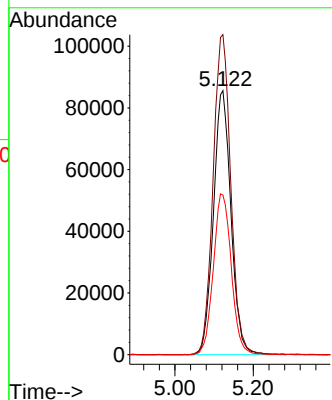
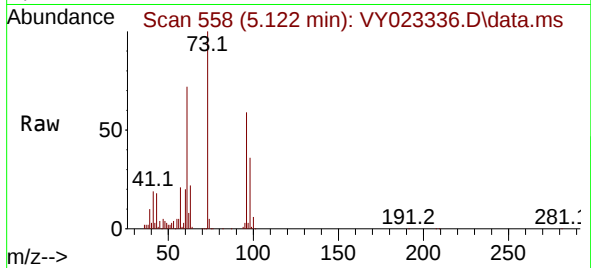




#21
trans-1,2-Dichloroethene
Concen: 49.673 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

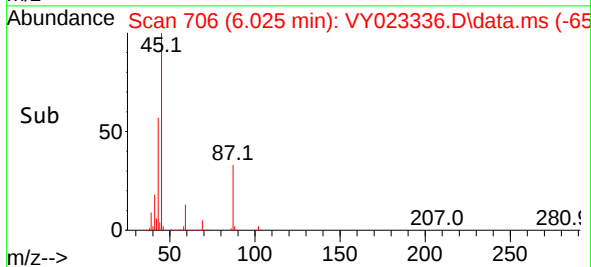
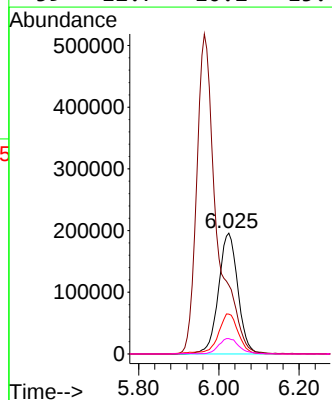
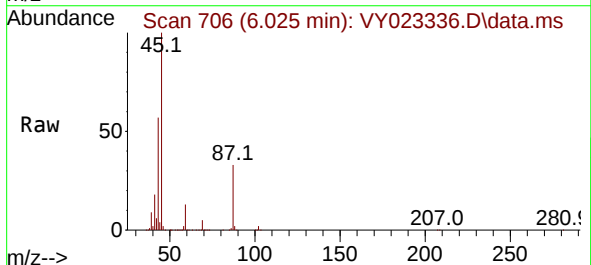
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

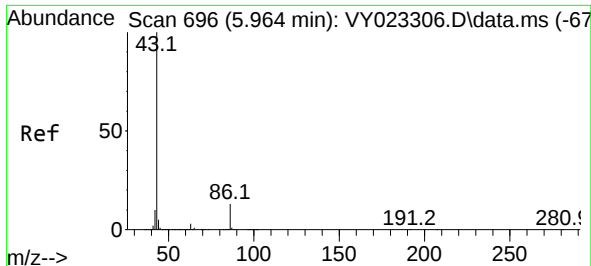
Tgt Ion: 96 Resp: 265953
Ion Ratio Lower Upper
96 100
61 121.2 104.8 157.2
98 60.4 50.1 75.1



#22
Diisopropyl ether
Concen: 48.735 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 45 Resp: 657010
Ion Ratio Lower Upper
45 100
43 56.6 43.4 65.0
87 33.0 24.4 36.6
59 12.7 10.2 15.4

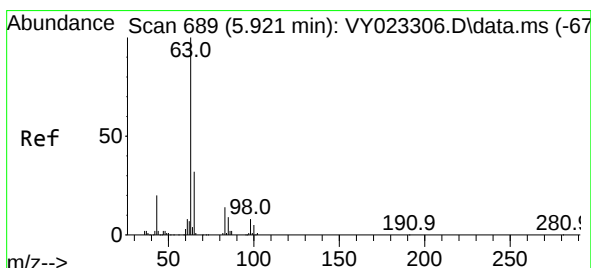
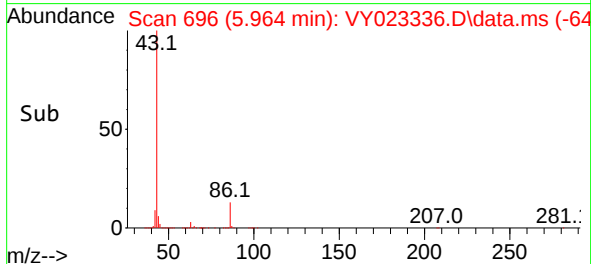
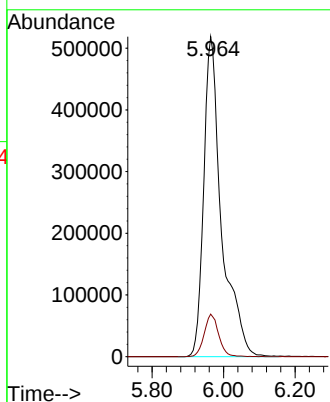
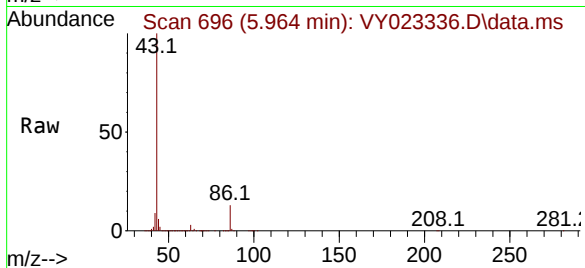




#23
 Vinyl Acetate
 Concen: 241.085 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023336.D
 Acq: 11 Sep 2025 09:07

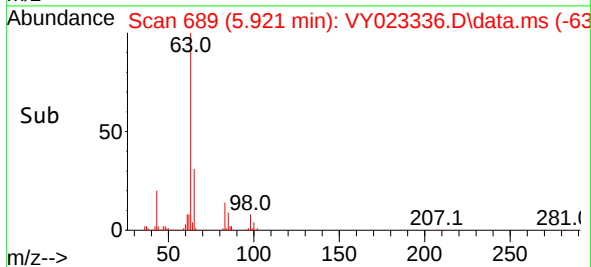
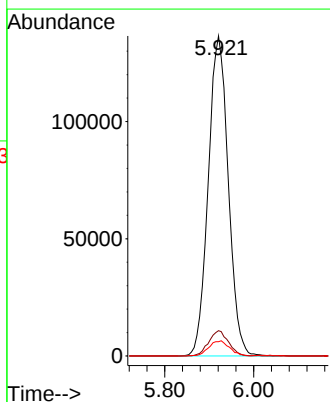
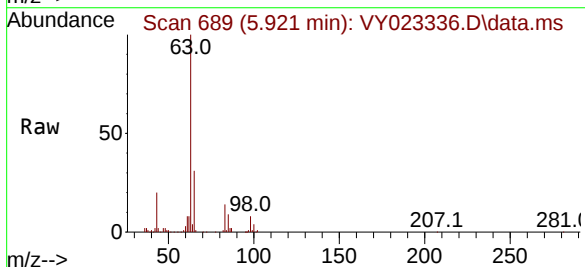
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

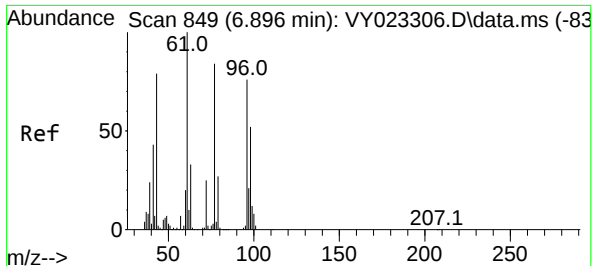
Tgt Ion: 43 Resp: 1796770
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.450 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023336.D
 Acq: 11 Sep 2025 09:07

Tgt Ion: 63 Resp: 427208
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 245.264 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

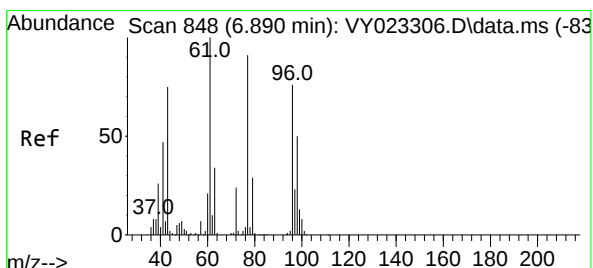
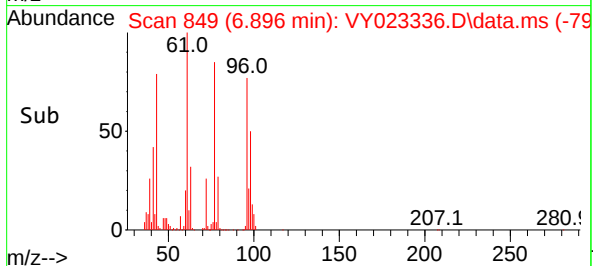
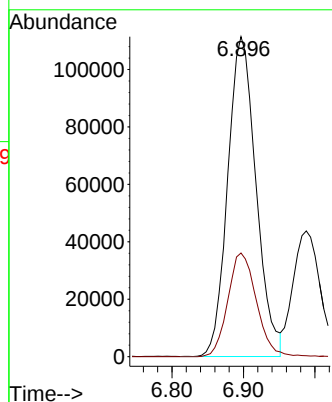
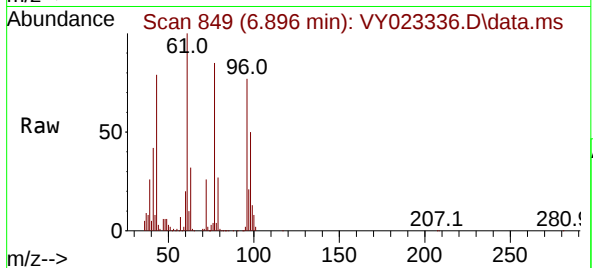
VSTDCCC050

Tgt Ion: 43 Resp: 306589

Ion Ratio Lower Upper

43 100

72 32.4 23.5 35.3



#26

2,2-Dichloropropane

Concen: 50.024 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023336.D

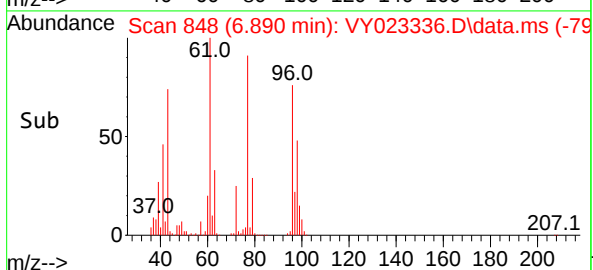
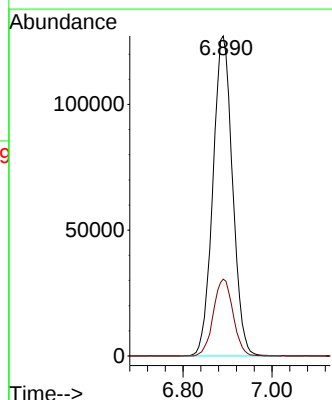
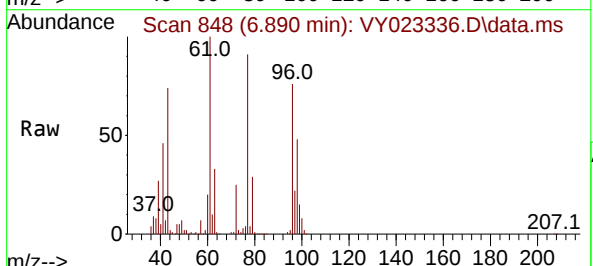
Acq: 11 Sep 2025 09:07

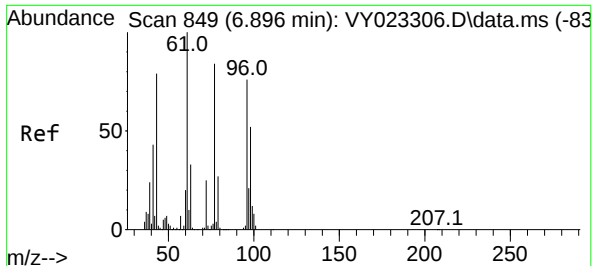
Tgt Ion: 77 Resp: 389471

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.838 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

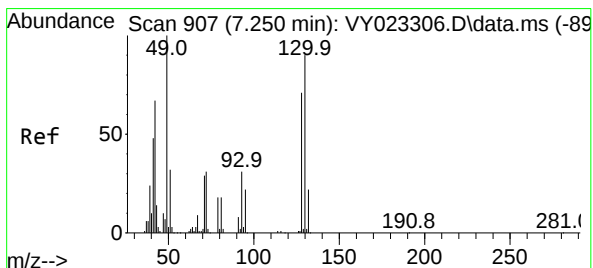
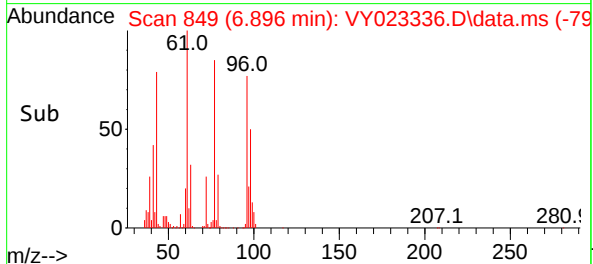
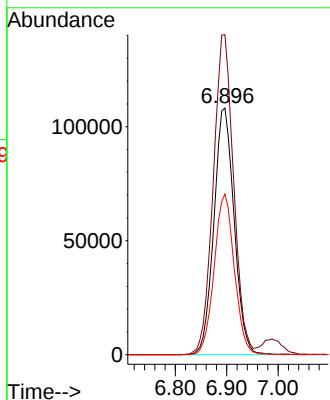
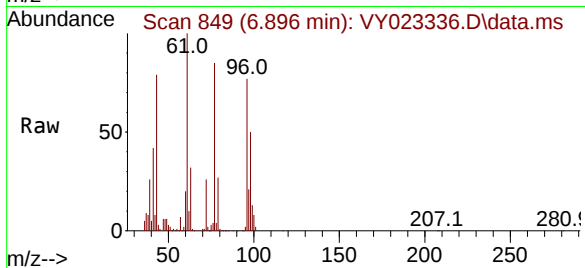
Tgt Ion: 96 Resp: 296113

Ion Ratio Lower Upper

96 100

61 130.8 0.0 278.6

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 48.680 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

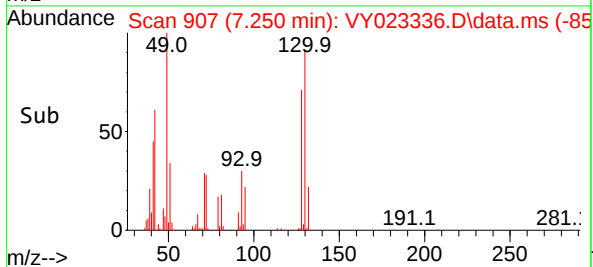
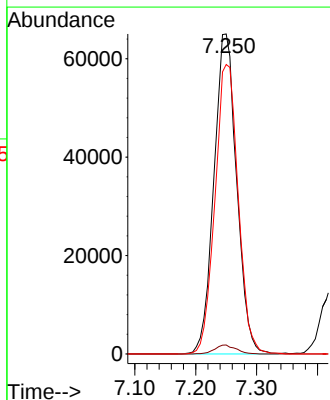
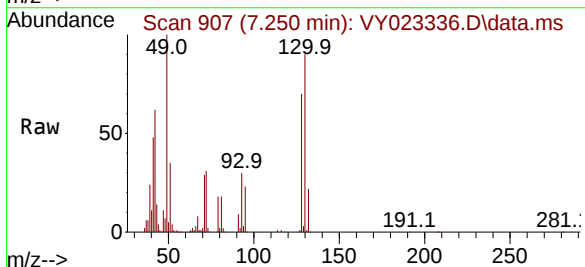
Tgt Ion: 49 Resp: 168900

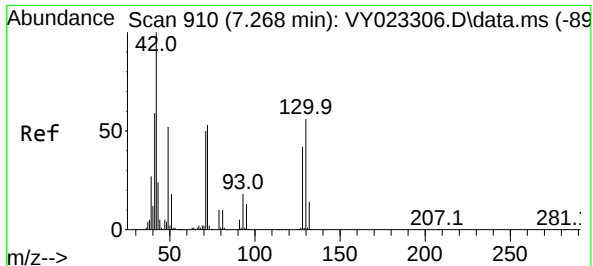
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 92.1 66.4 99.6

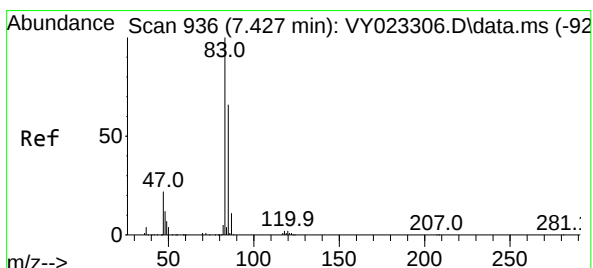
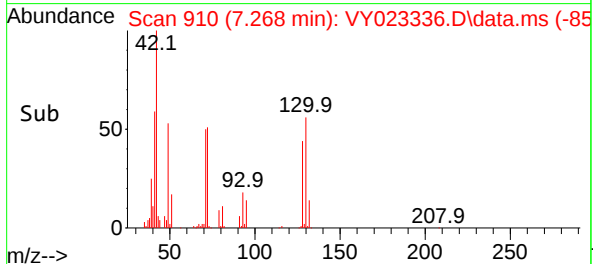
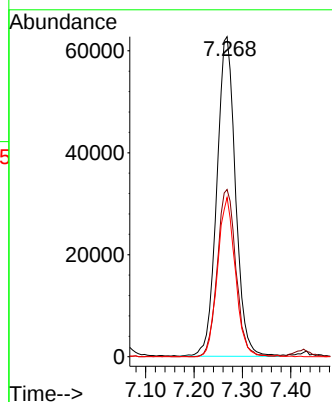
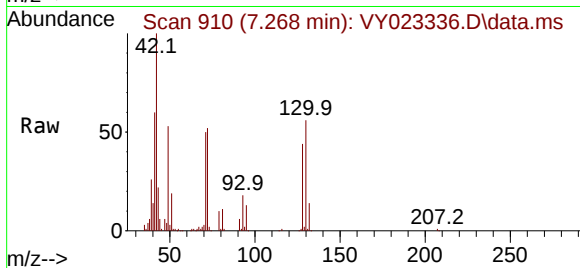




#29
Tetrahydrofuran
Concen: 226.911 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

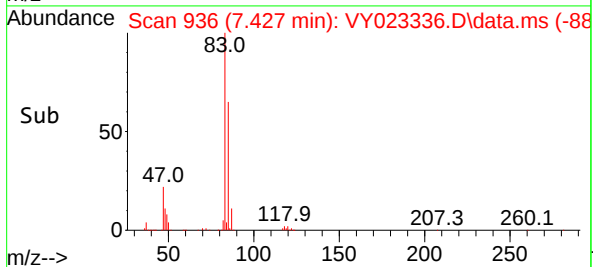
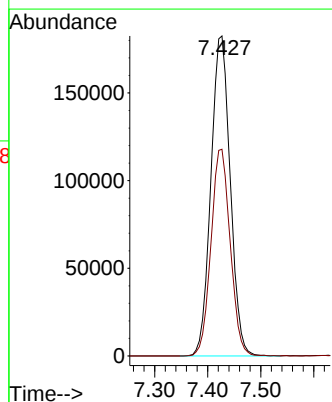
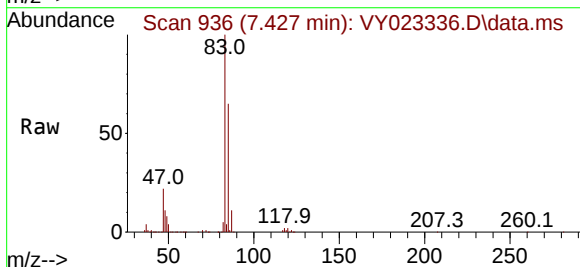
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

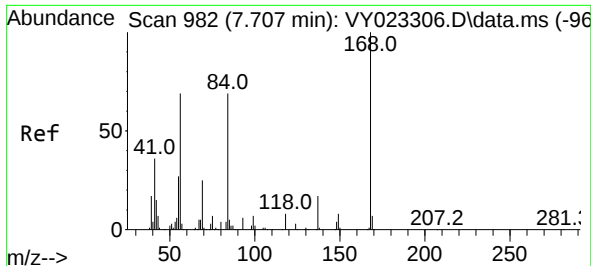
Tgt Ion: 42 Resp: 168243
Ion Ratio Lower Upper
42 100
72 52.2 39.4 59.2
71 47.7 36.5 54.7



#30
Chloroform
Concen: 48.752 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 83 Resp: 461890
Ion Ratio Lower Upper
83 100
85 64.6 53.8 80.8

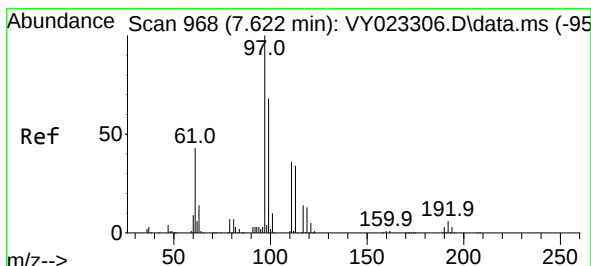
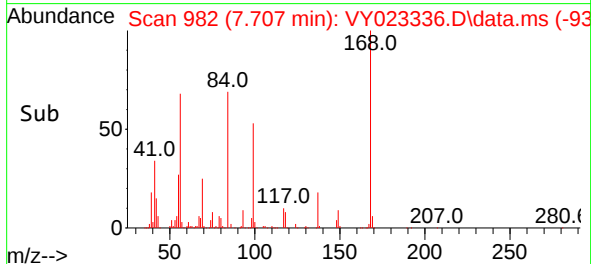
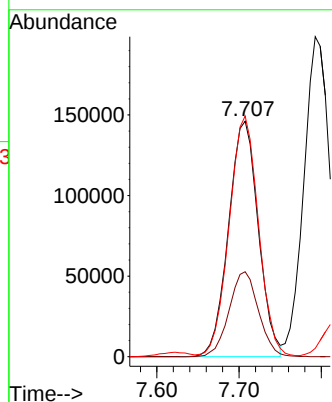
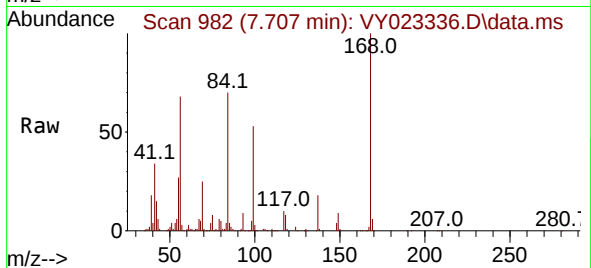




#31
Cyclohexane
Concen: 47.208 ug/l
RT: 7.707 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

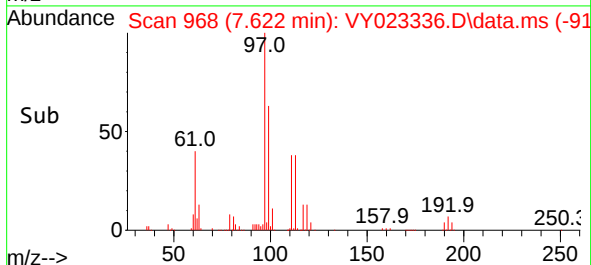
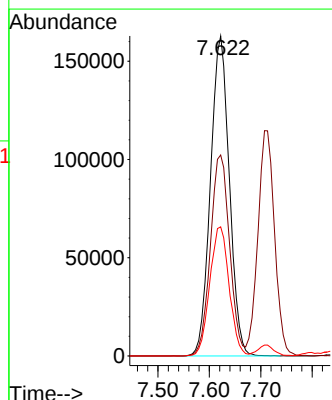
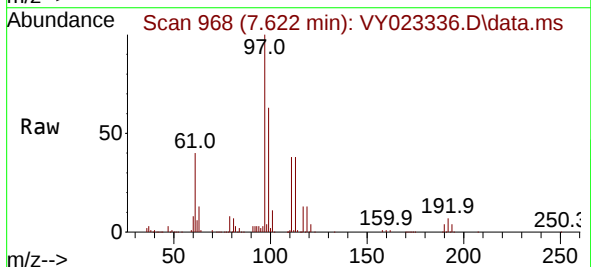
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

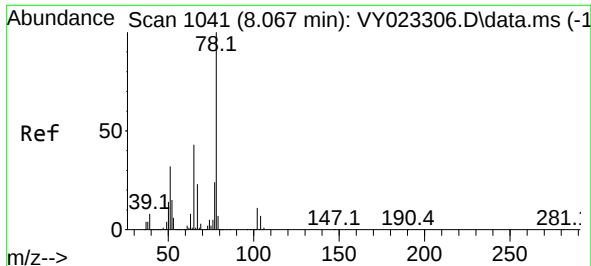
Tgt Ion: 56 Resp: 368353
Ion Ratio Lower Upper
56 100
69 36.0 28.2 42.2
84 100.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.974 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 97 Resp: 414547
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 41.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.027 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

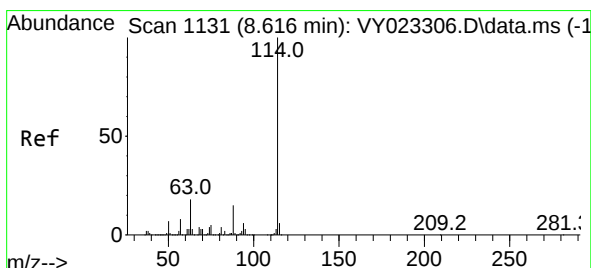
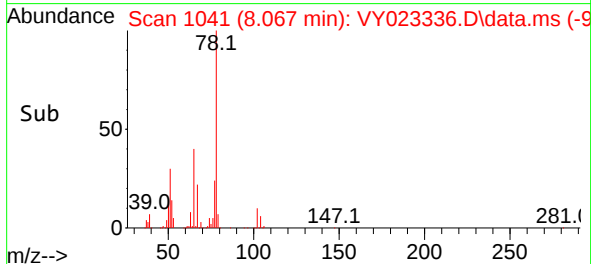
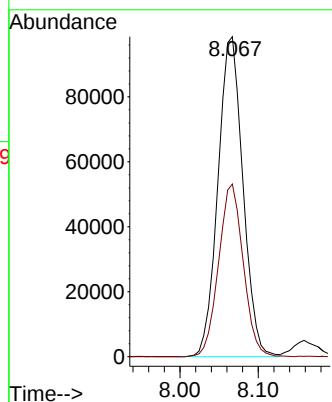
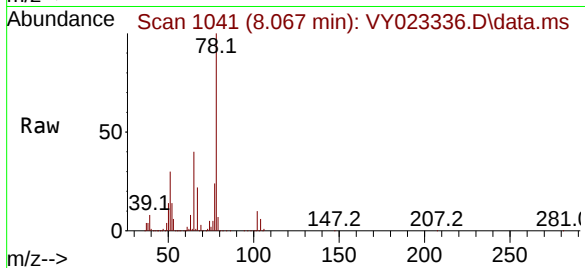
VSTDCCC050

Tgt Ion: 65 Resp: 218604

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

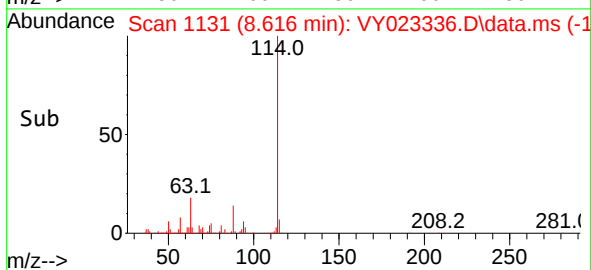
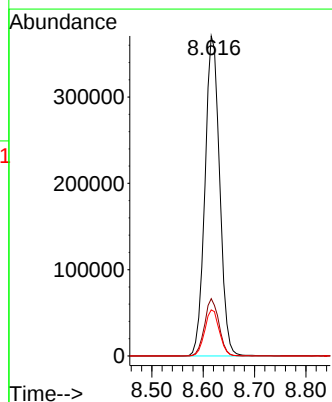
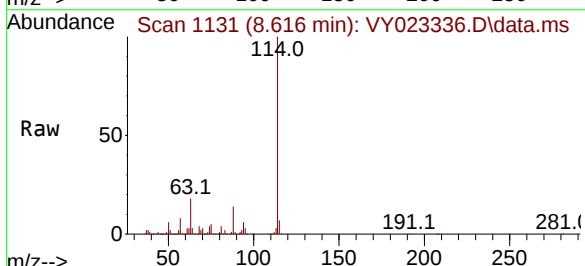
Tgt Ion: 114 Resp: 734316

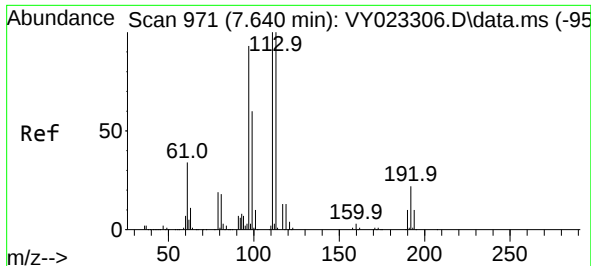
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.636 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

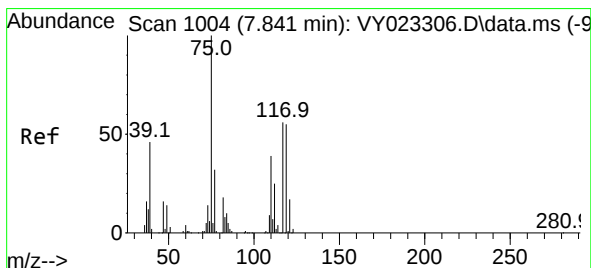
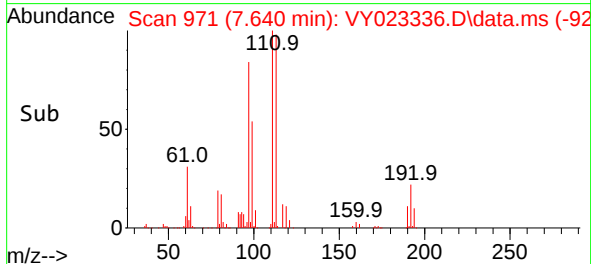
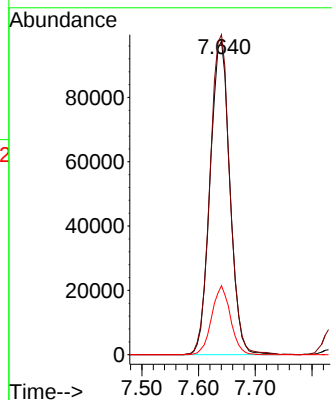
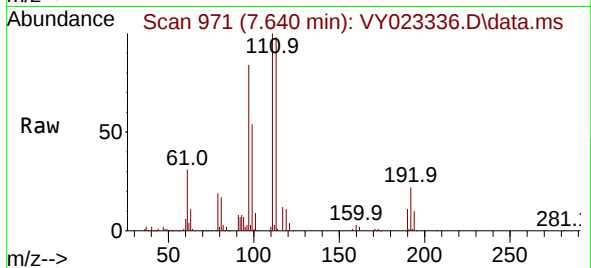
Tgt Ion:113 Resp: 236264

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

192 20.8 16.2 24.4



#36

1,1-Dichloropropene

Concen: 51.694 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

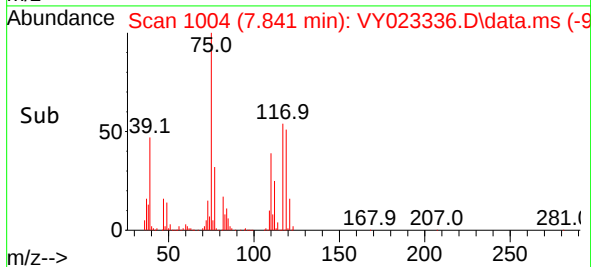
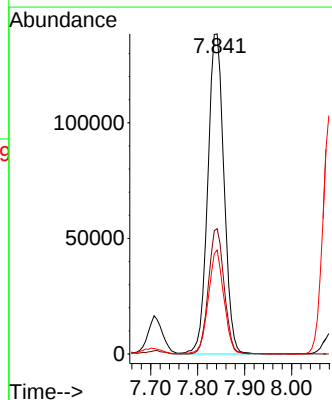
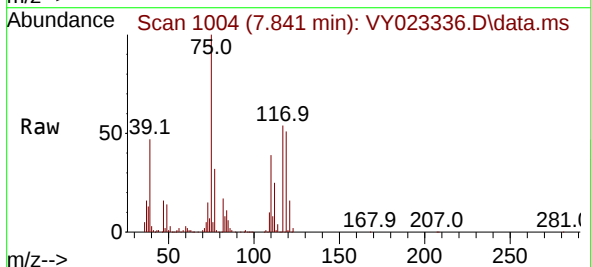
Tgt Ion: 75 Resp: 330481

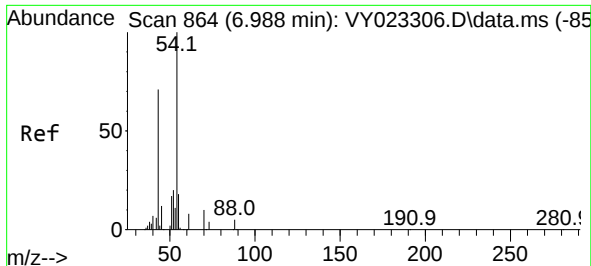
Ion Ratio Lower Upper

75 100

110 38.0 18.1 54.4

77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 46.629 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

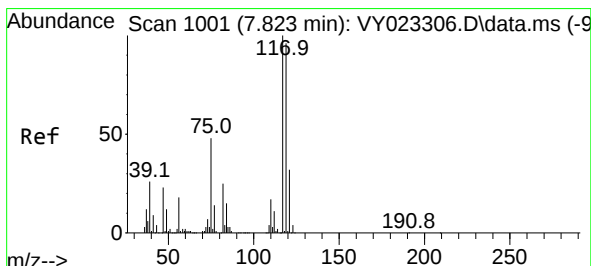
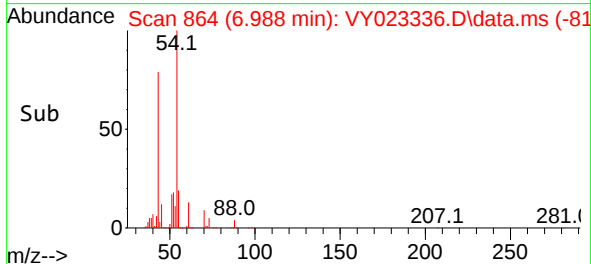
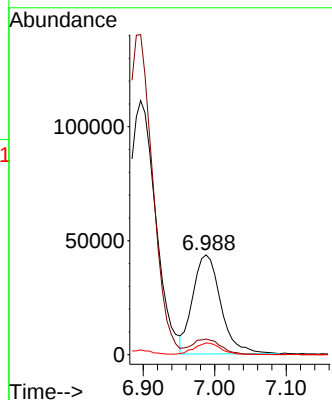
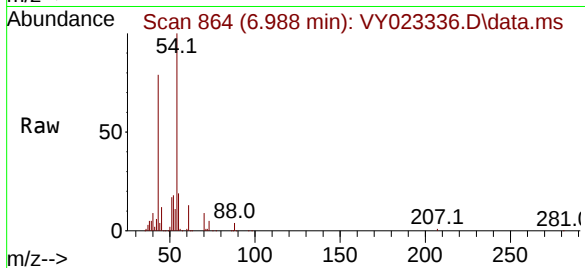
Tgt Ion: 43 Resp: 118585

Ion Ratio Lower Upper

43 100

61 15.8 11.9 17.9

70 11.6 8.8 13.2



#38

Carbon Tetrachloride

Concen: 52.210 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

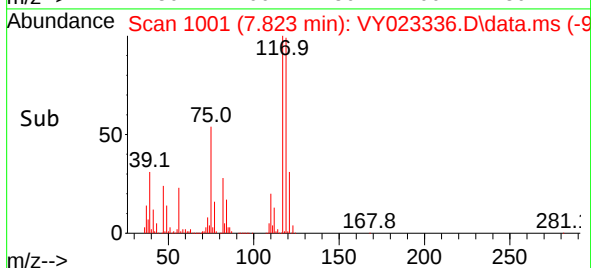
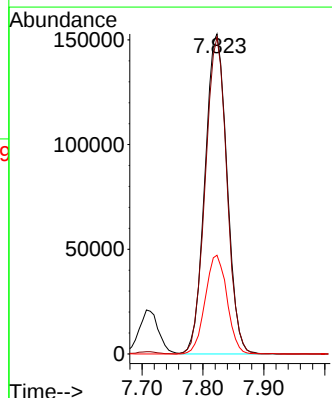
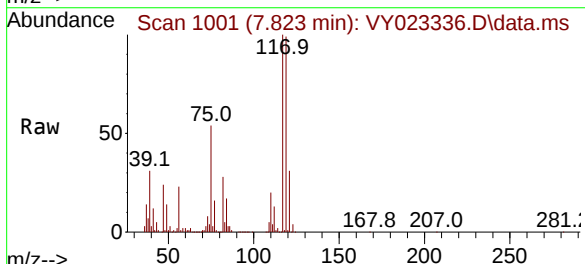
Tgt Ion: 117 Resp: 384065

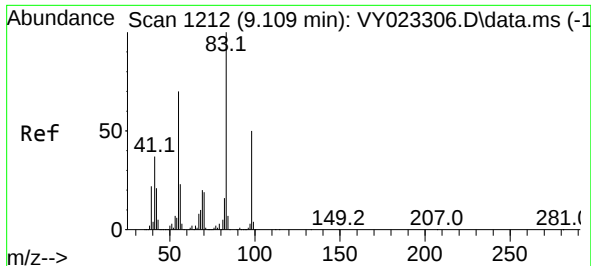
Ion Ratio Lower Upper

117 100

119 99.0 75.6 113.4

121 30.9 25.8 38.8





#39

Methylcyclohexane

Concen: 52.787 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

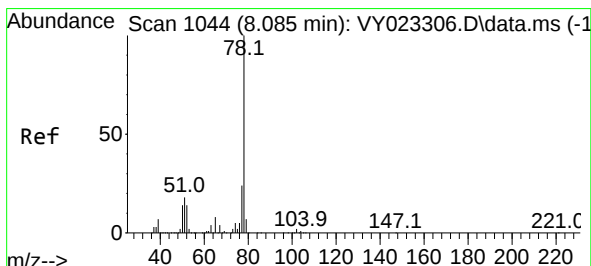
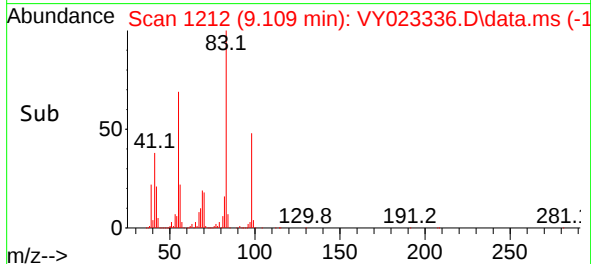
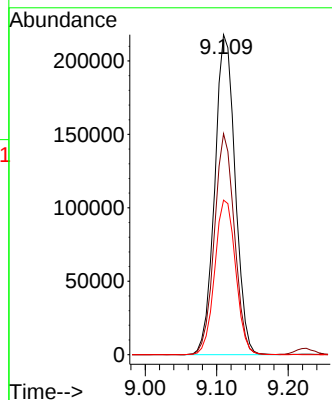
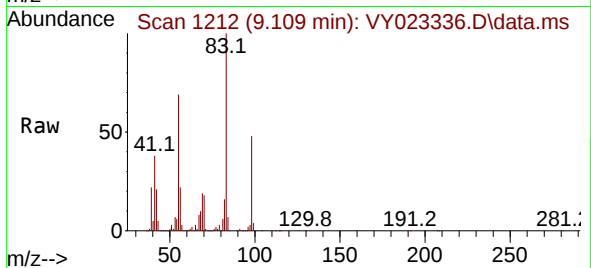
Tgt Ion: 83 Resp: 431729

Ion Ratio Lower Upper

83 100

55 69.0 57.6 86.4

98 48.3 39.2 58.8



#40

Benzene

Concen: 51.544 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023336.D

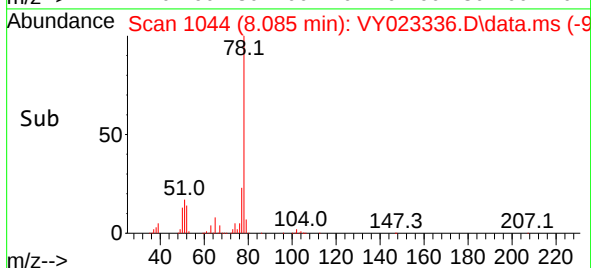
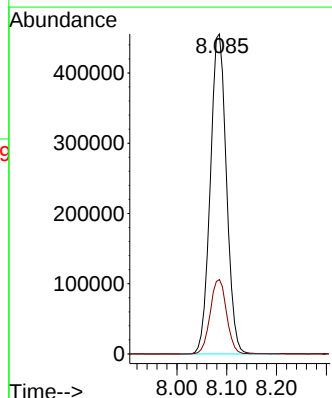
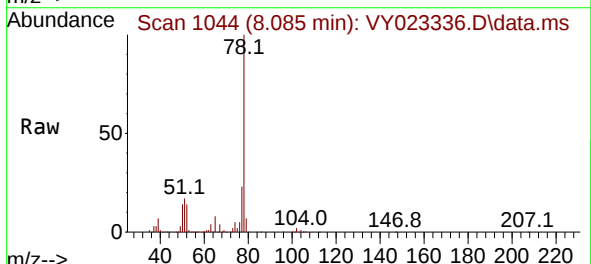
Acq: 11 Sep 2025 09:07

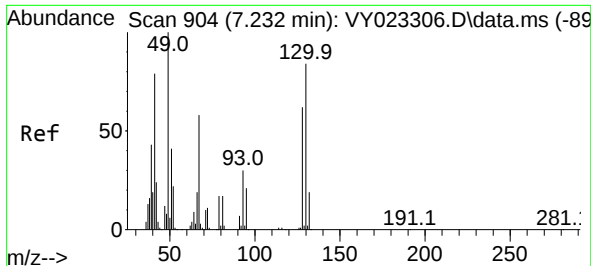
Tgt Ion: 78 Resp: 1024255

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

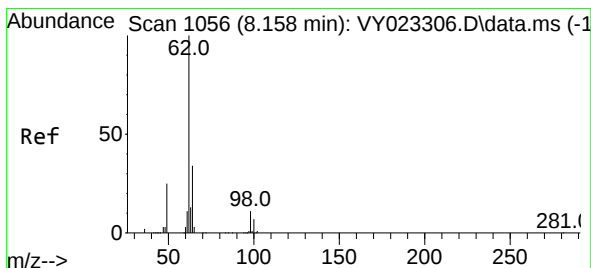
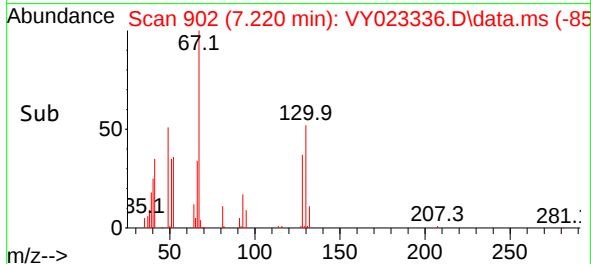
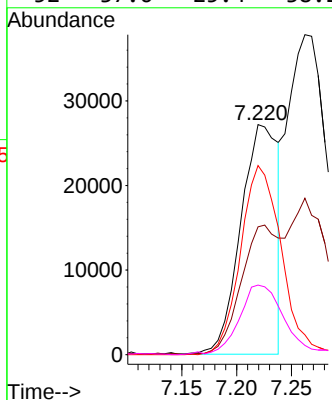
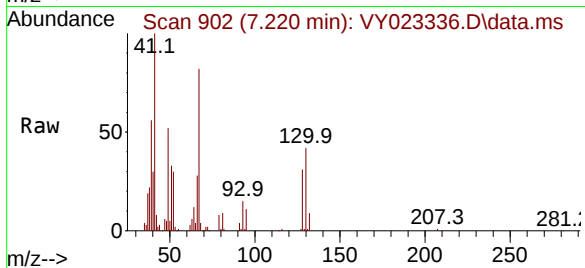




#41
Methacrylonitrile
Concen: 48.580 ug/l
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

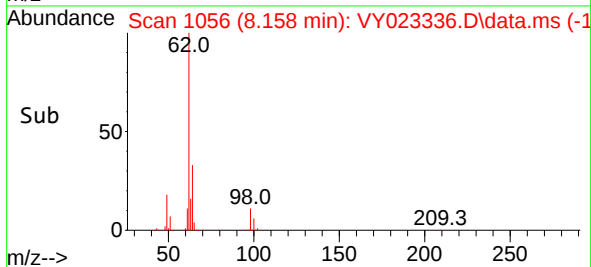
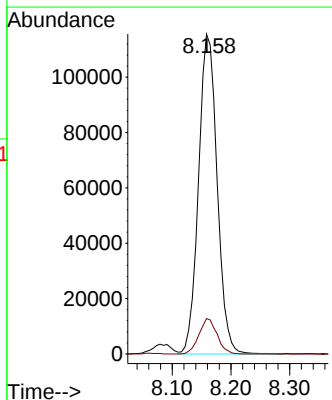
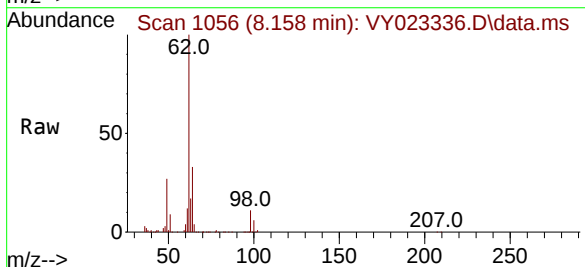
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

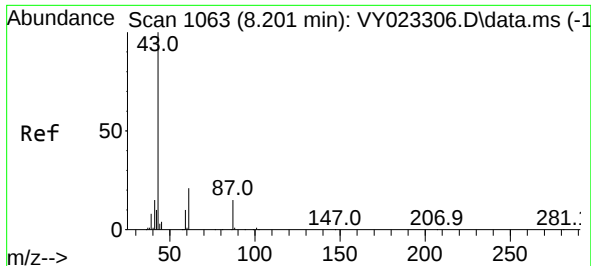
Tgt Ion:	41	Resp:	63978
Ion	Ratio	Lower	Upper
41	100		
39	63.2	43.4	65.2
67	91.2	63.6	95.4
52	37.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 50.222 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion:	62	Resp:	254088
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6

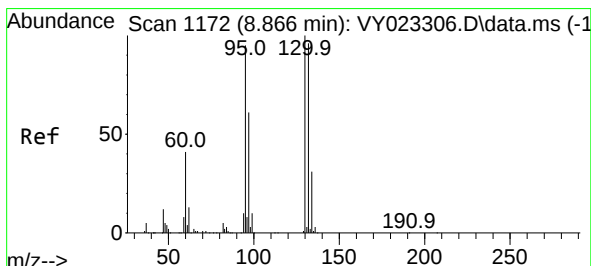
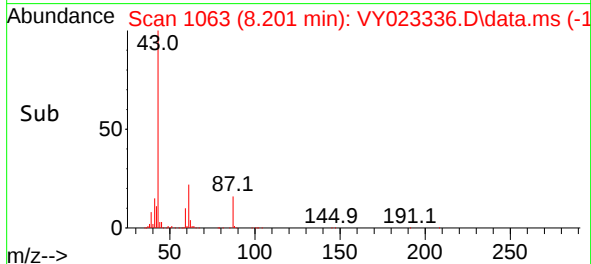
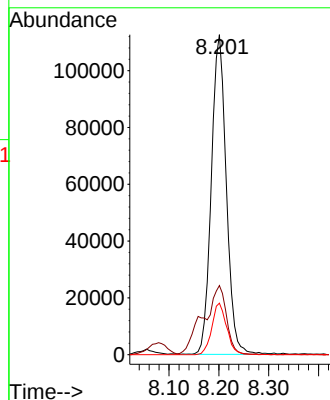
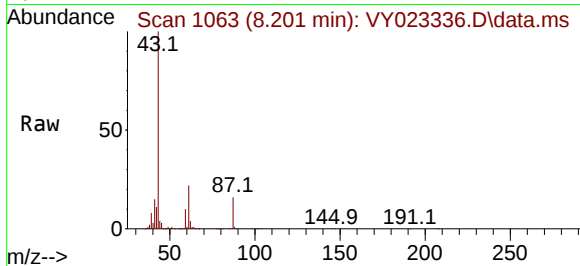




#43
Isopropyl Acetate
Concen: 47.604 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

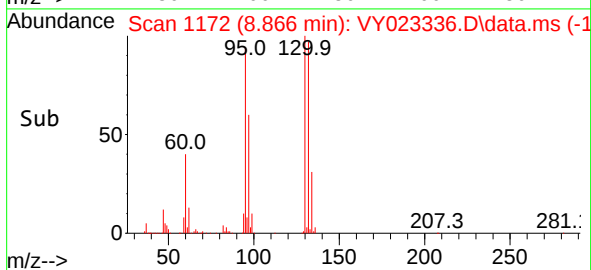
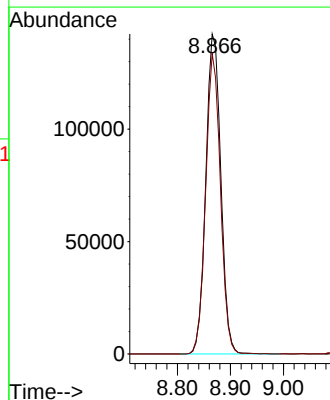
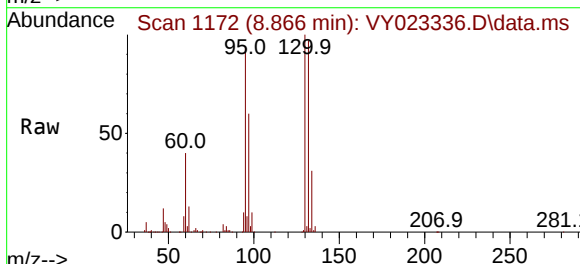
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

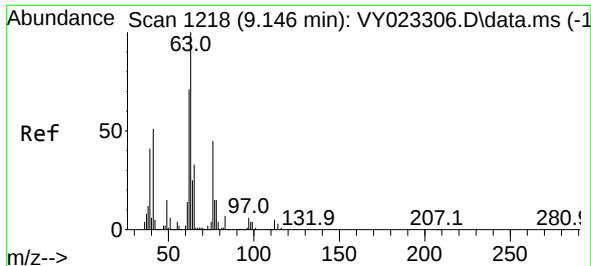
Tgt Ion: 43 Resp: 235466
Ion Ratio Lower Upper
43 100
61 21.0 16.4 24.6
87 15.9 11.8 17.6



#44
Trichloroethene
Concen: 50.527 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion:130 Resp: 279659
Ion Ratio Lower Upper
130 100
95 93.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 51.138 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

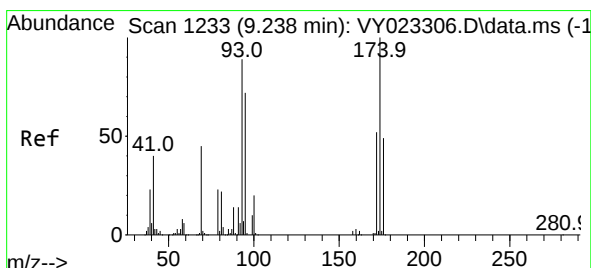
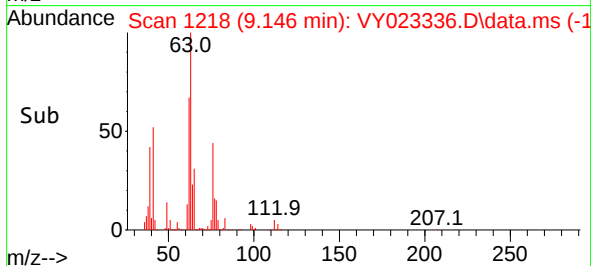
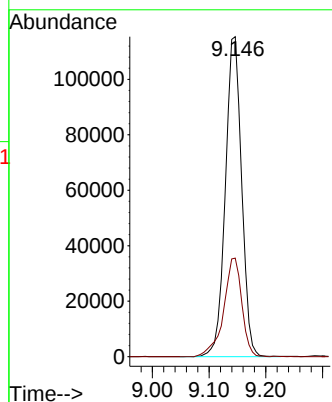
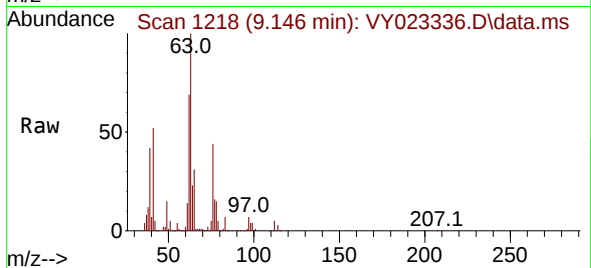
VSTDCCC050

Tgt Ion: 63 Resp: 229499

Ion Ratio Lower Upper

63 100

65 30.8 25.3 37.9



#46

Dibromomethane

Concen: 49.671 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

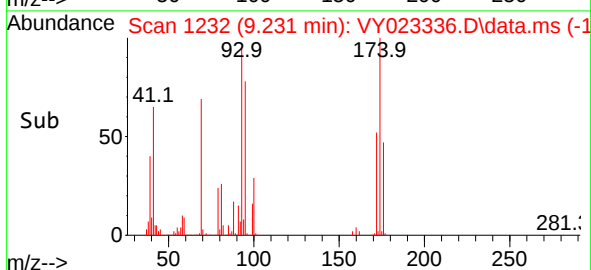
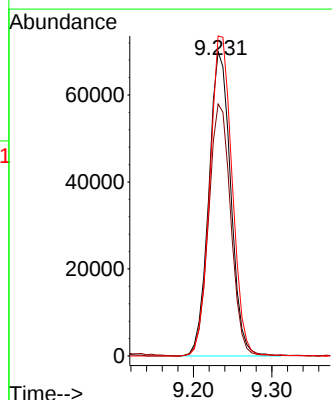
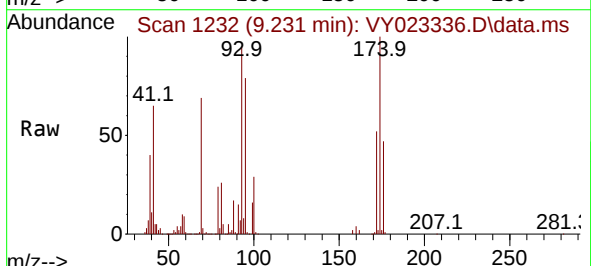
Tgt Ion: 93 Resp: 135754

Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

174 106.9 81.8 122.8

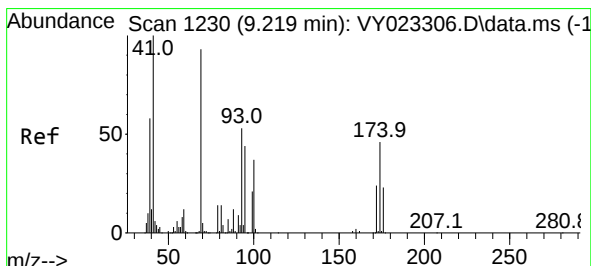
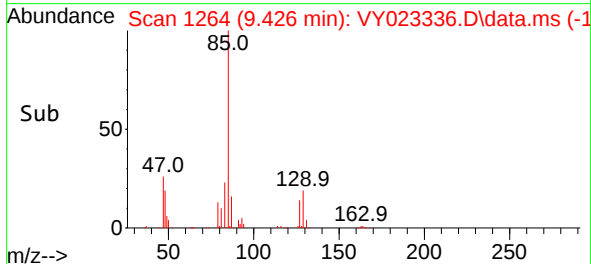
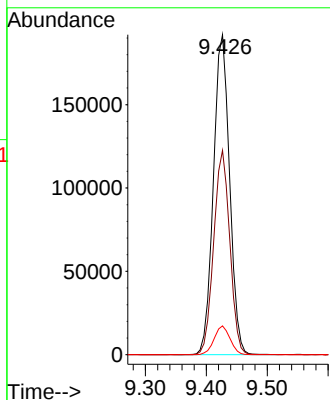
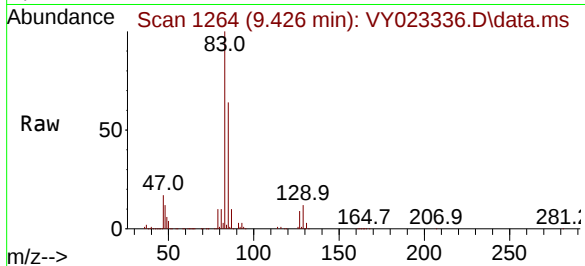




#47
Bromodichloromethane
Concen: 51.422 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

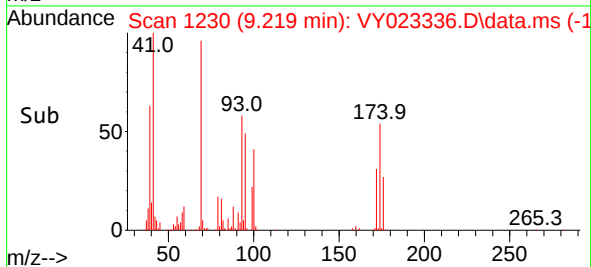
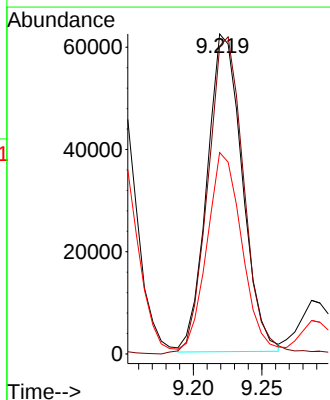
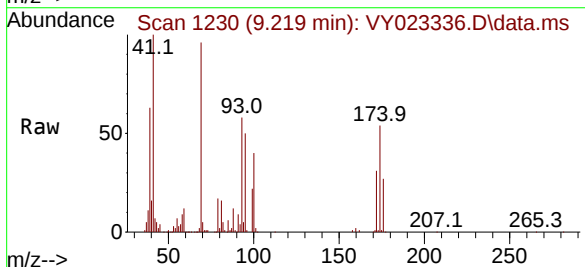
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

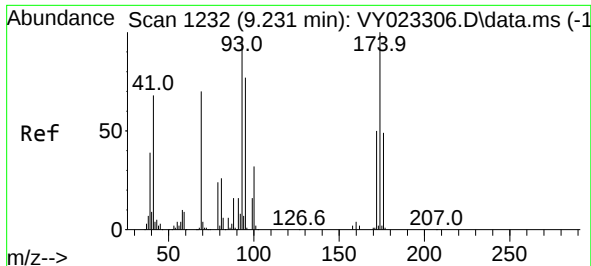
Tgt Ion: 83 Resp: 353561
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 48.281 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 41 Resp: 111314
Ion Ratio Lower Upper
41 100
69 102.1 73.2 109.8
39 60.5 47.0 70.4





#49

1,4-Dioxane

Concen: 946.211 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

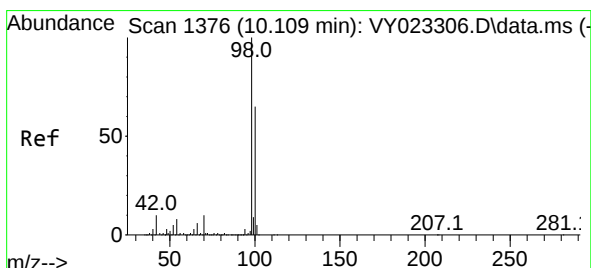
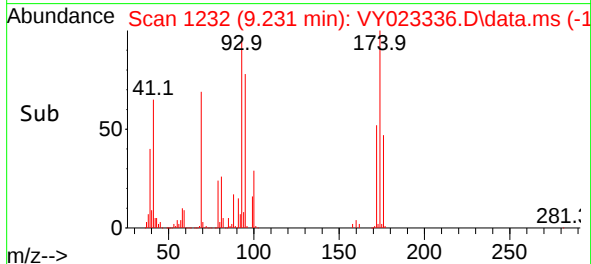
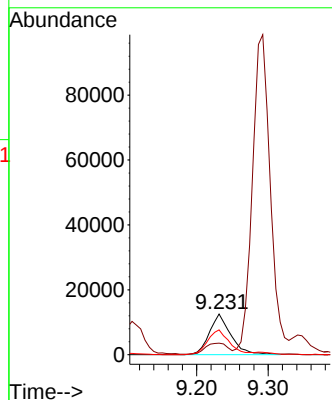
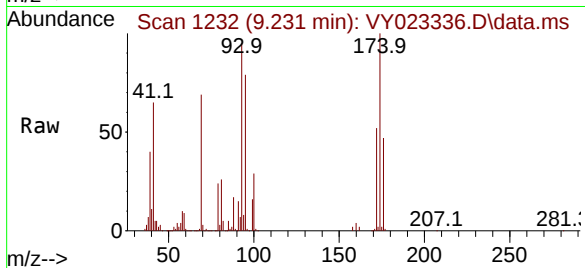
Tgt Ion: 88 Resp: 26251

Ion Ratio Lower Upper

88 100

43 27.9 24.3 36.5

58 62.6 55.4 83.0



#50

Toluene-d8

Concen: 53.727 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023336.D

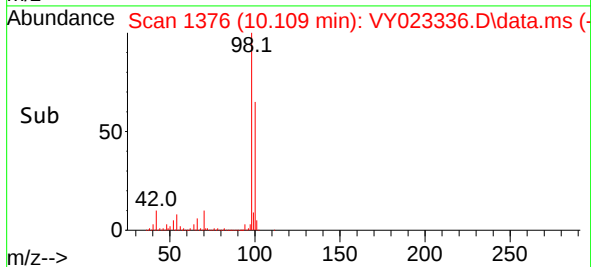
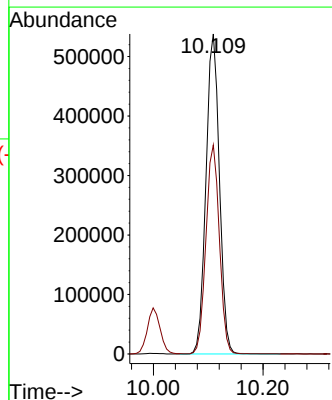
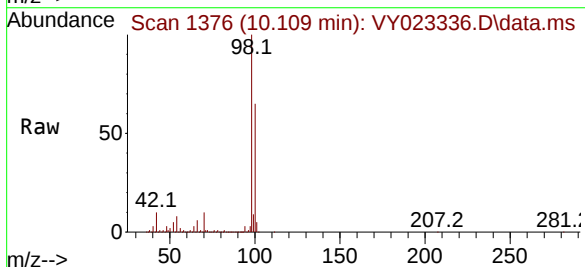
Acq: 11 Sep 2025 09:07

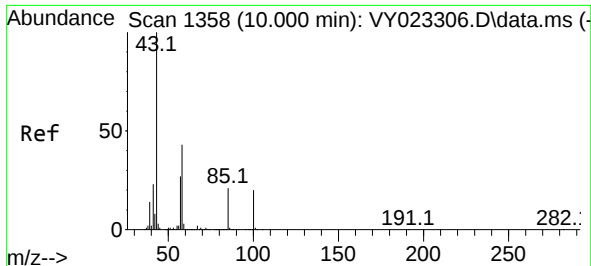
Tgt Ion: 98 Resp: 910635

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

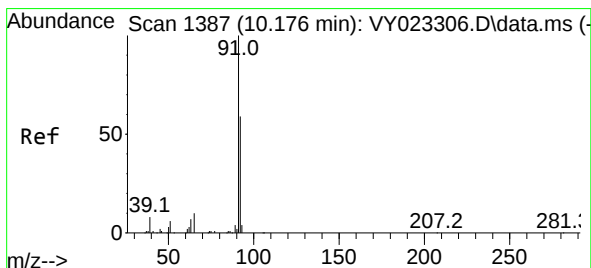
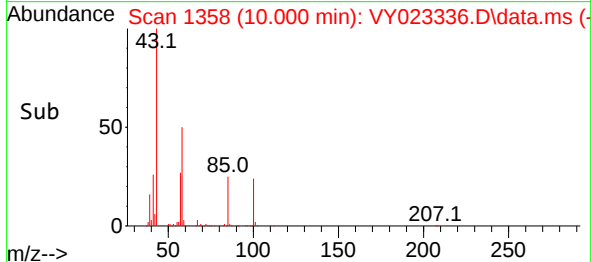
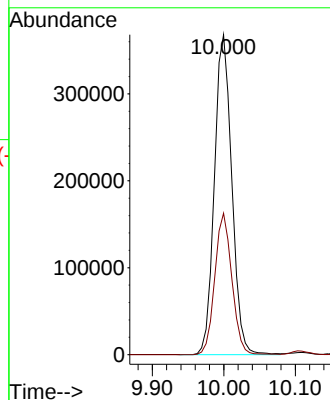
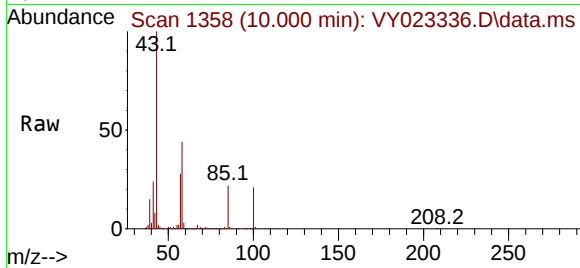




#51
4-Methyl-2-Pentanone
Concen: 245.621 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

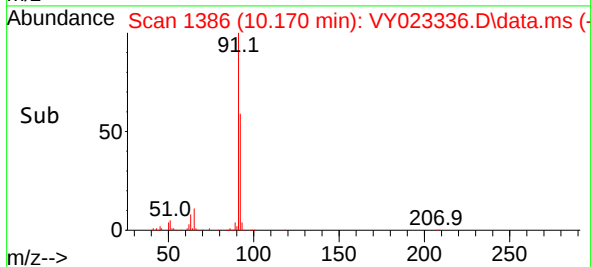
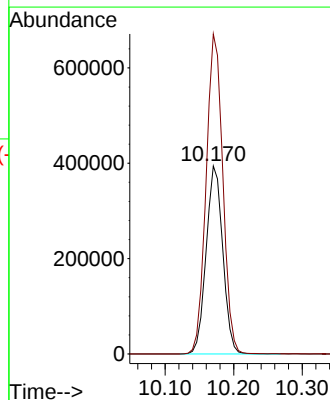
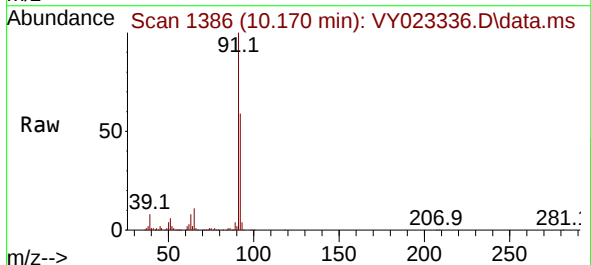
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

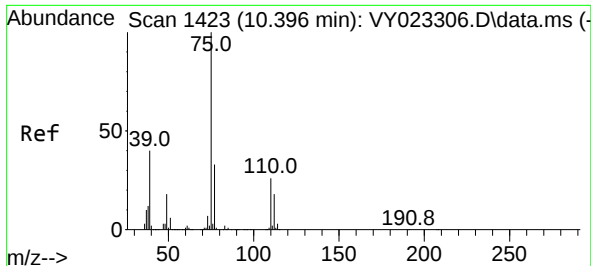
Tgt Ion: 43 Resp: 621559
Ion Ratio Lower Upper
43 100
58 43.4 33.5 50.3



#52
Toluene
Concen: 52.801 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 92 Resp: 665850
Ion Ratio Lower Upper
92 100
91 171.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.128 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

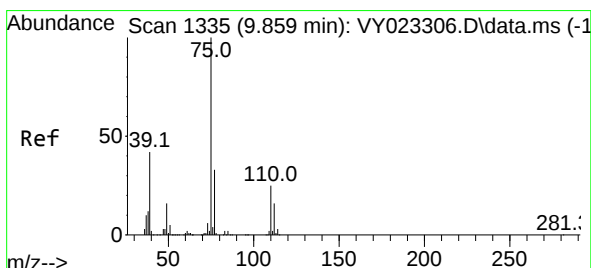
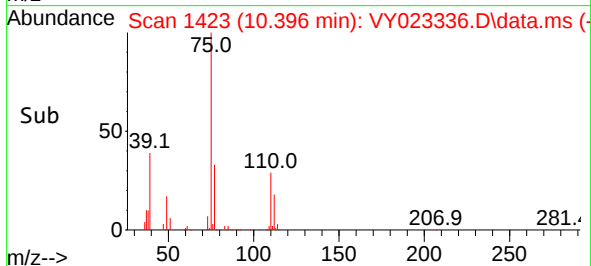
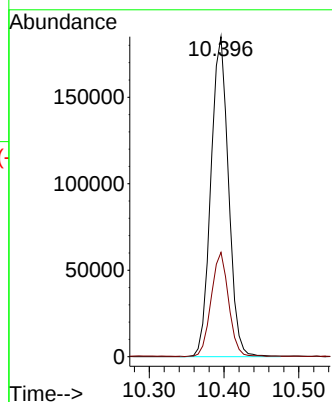
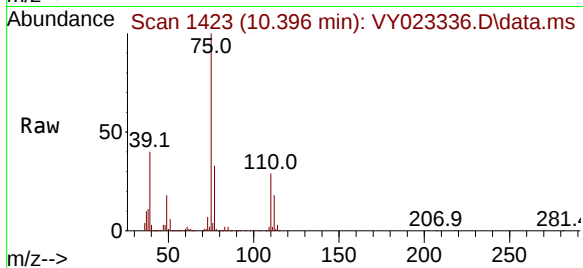
VSTDCCC050

Tgt Ion: 75 Resp: 302659

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.345 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

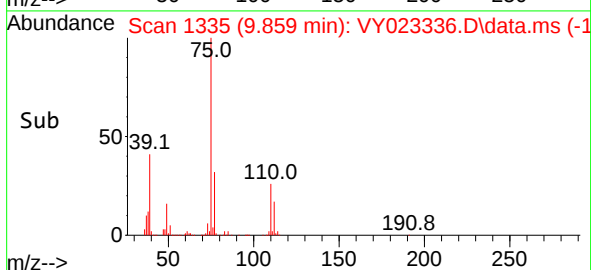
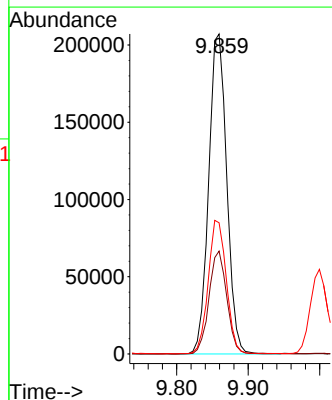
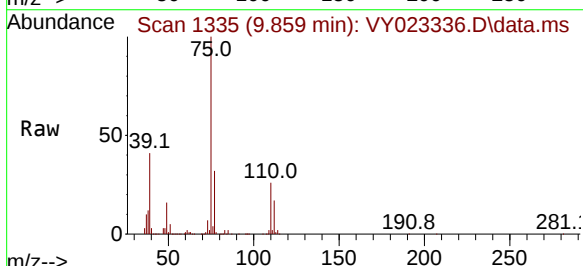
Tgt Ion: 75 Resp: 363190

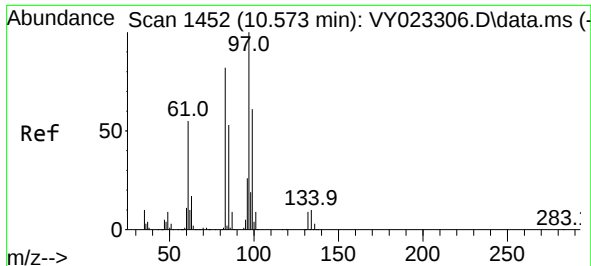
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 40.9 35.6 53.4

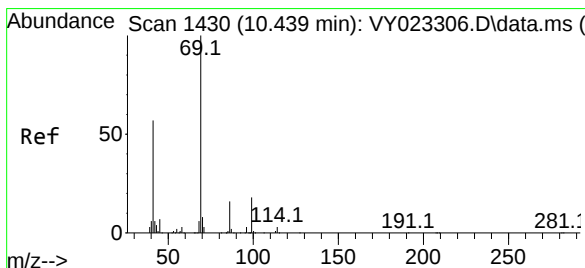
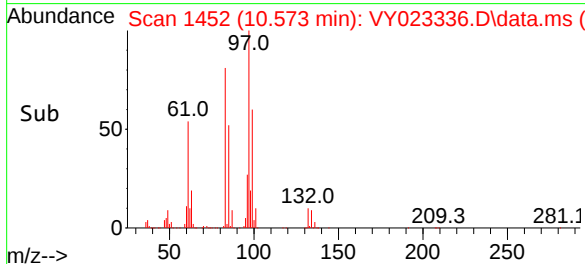
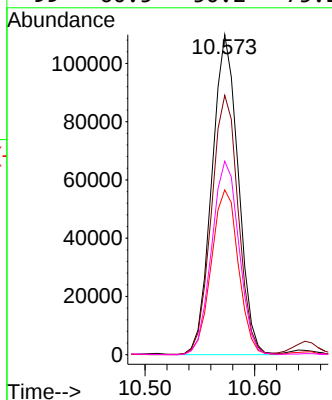
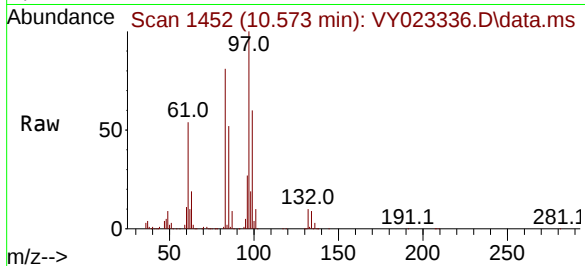




#55
1,1,2-Trichloroethane
Concen: 50.589 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

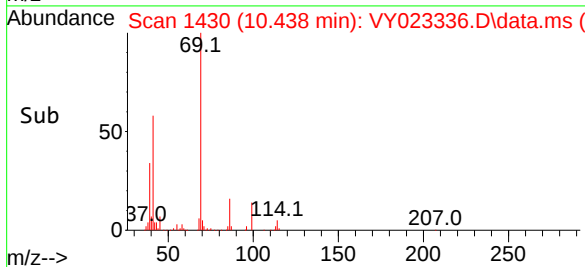
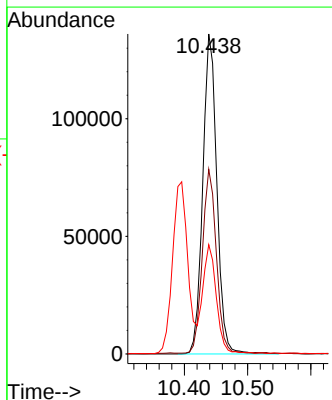
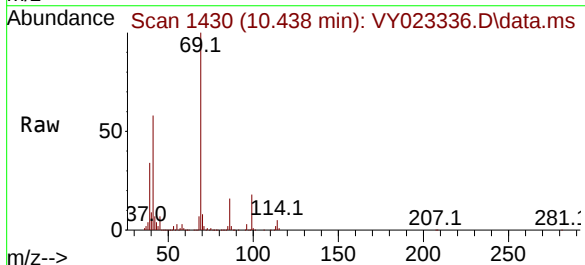
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

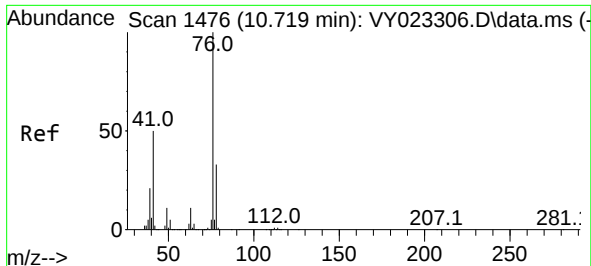
Tgt Ion:	97	Resp:	183917
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.7	101.5
85	51.4	44.5	66.7
99	60.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 50.111 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion:	69	Resp:	211067
Ion	Ratio	Lower	Upper
69	100		
41	57.1	48.6	72.8
39	32.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 50.126 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

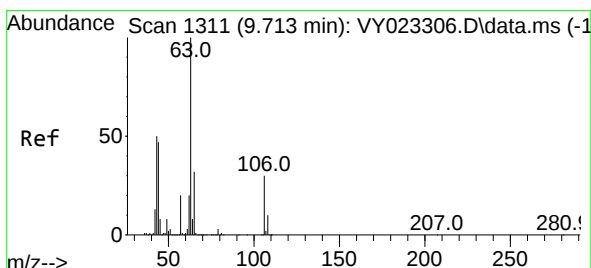
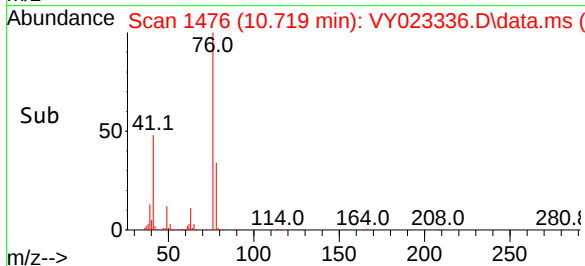
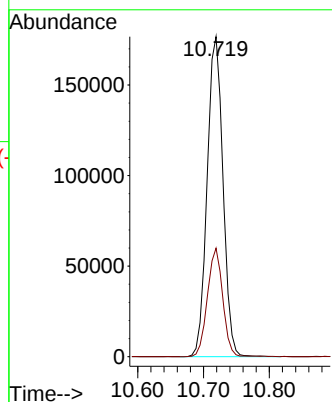
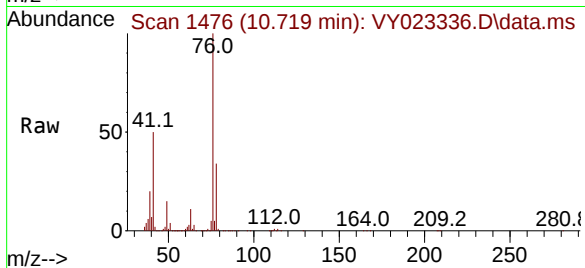
VSTDCCC050

Tgt Ion: 76 Resp: 295849

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 261.728 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023336.D

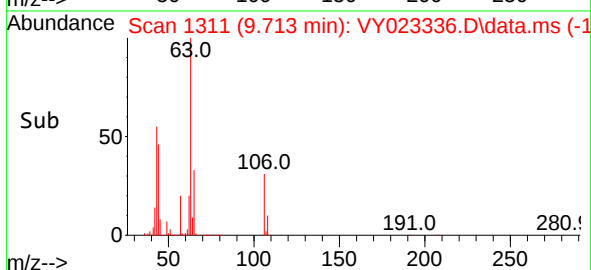
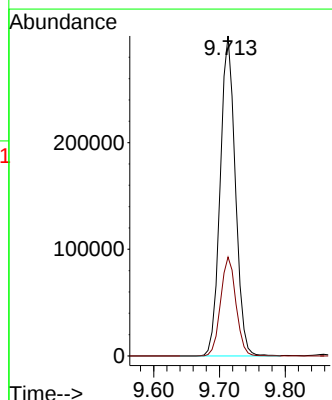
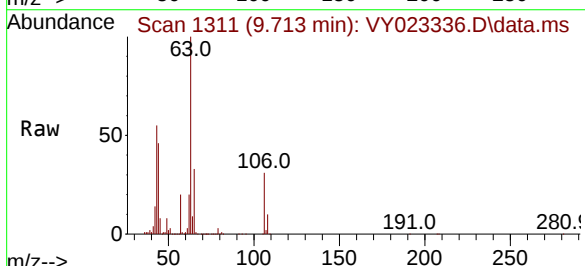
Acq: 11 Sep 2025 09:07

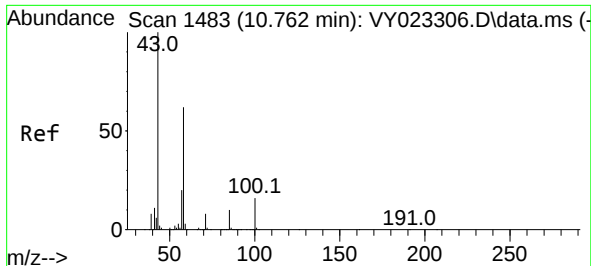
Tgt Ion: 63 Resp: 480471

Ion Ratio Lower Upper

63 100

106 31.4 23.2 34.8

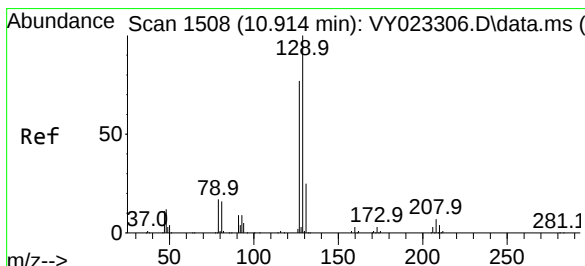
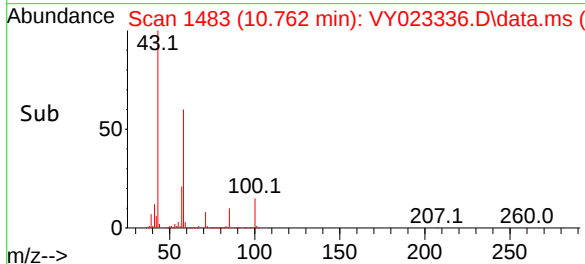
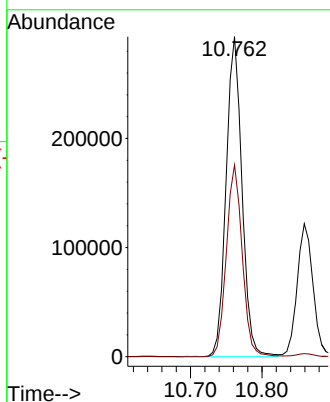
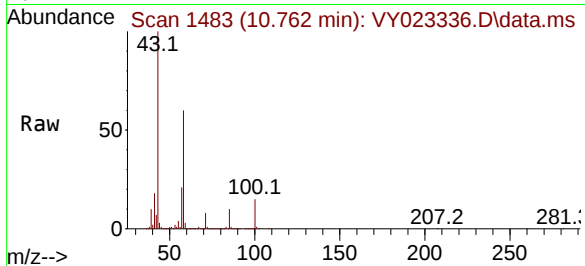




#59
2-Hexanone
Concen: 258.333 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

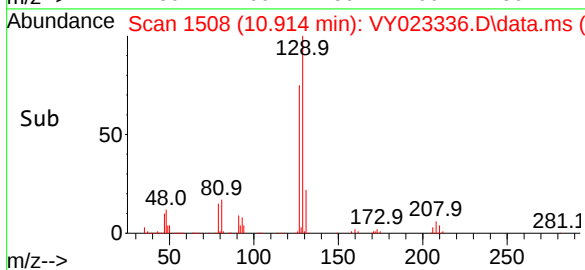
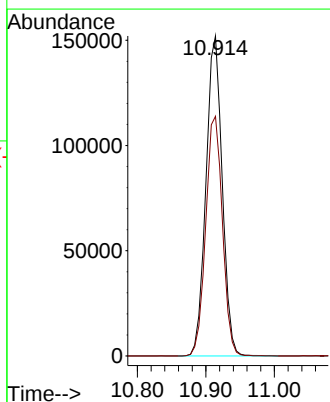
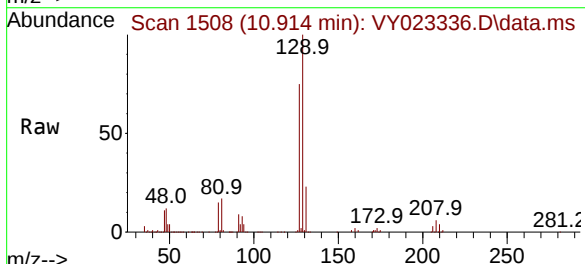
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

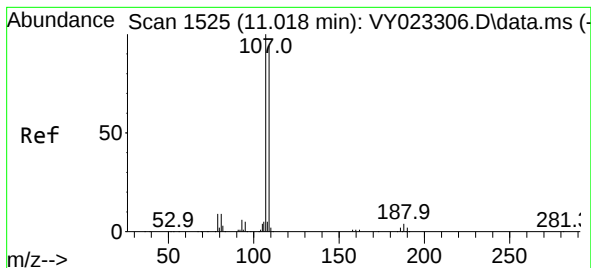
Tgt Ion: 43 Resp: 451923
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 50.872 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 129 Resp: 250939
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

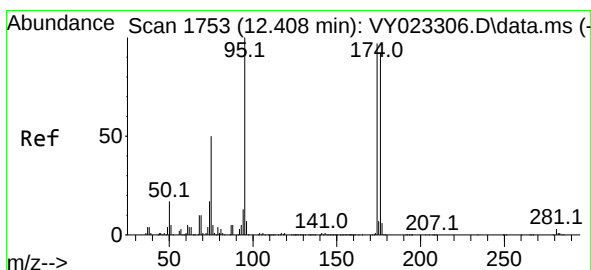
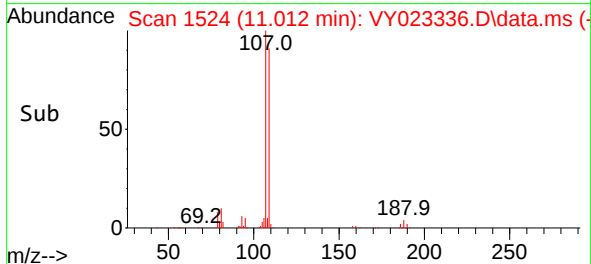
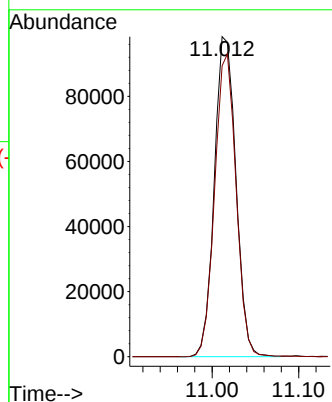
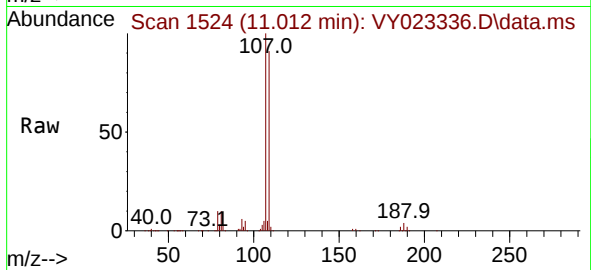




#61
1,2-Dibromoethane
Concen: 49.922 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

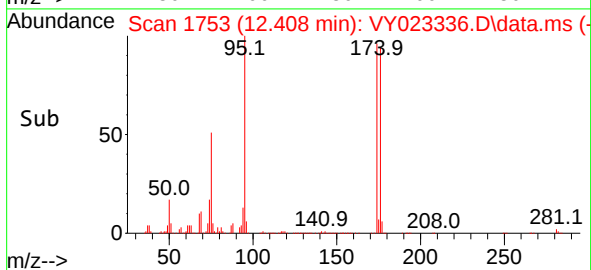
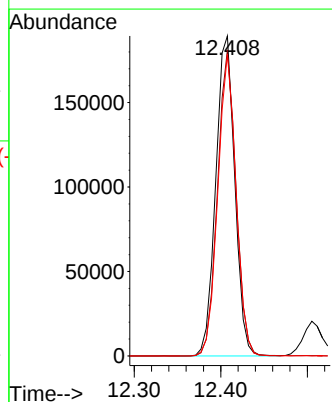
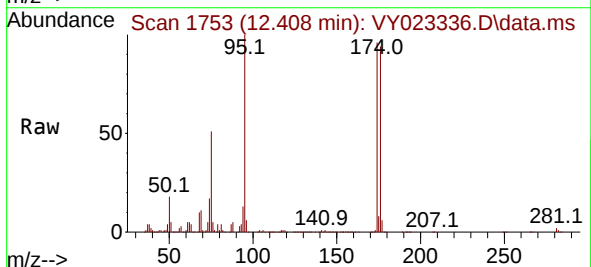
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

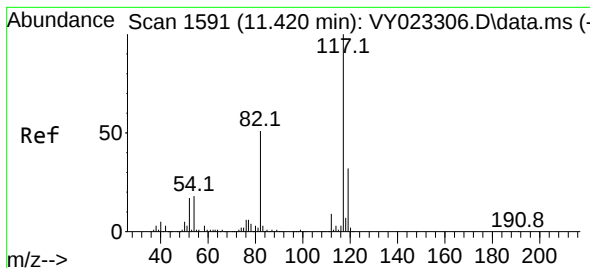
Tgt Ion:107 Resp: 170069
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.140 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 95 Resp: 288778
Ion Ratio Lower Upper
95 100
174 93.0 0.0 171.6
176 90.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

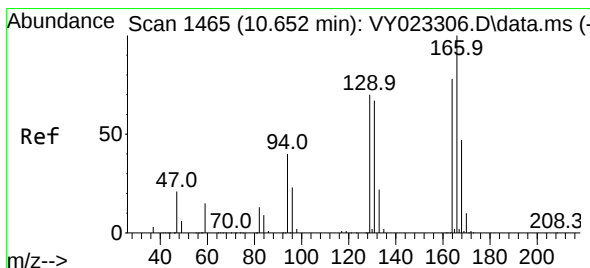
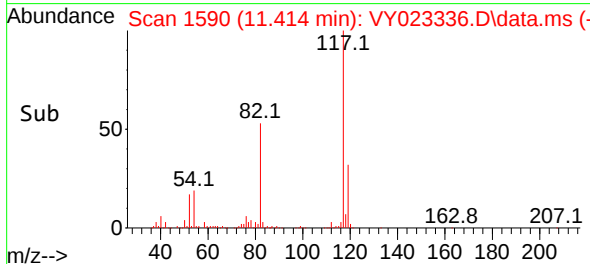
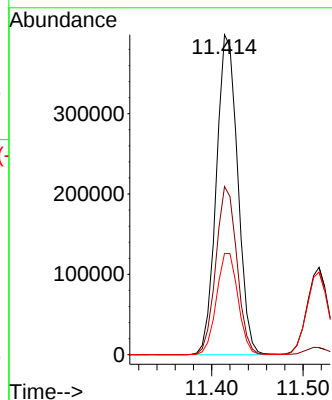
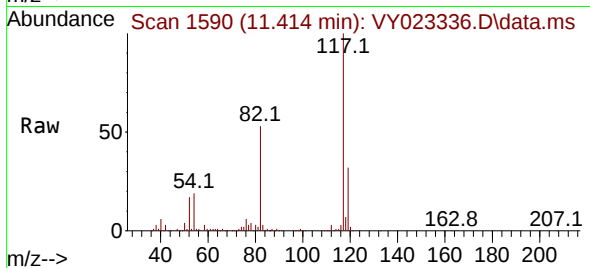
Tgt Ion:117 Resp: 648076

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 48.013 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Tgt Ion:164 Resp: 310123

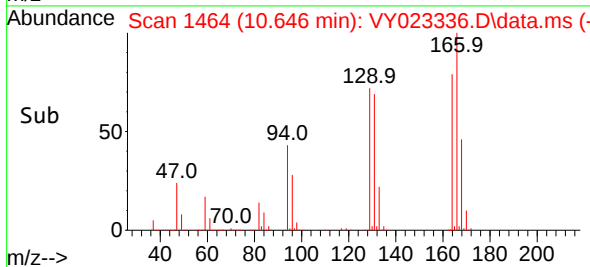
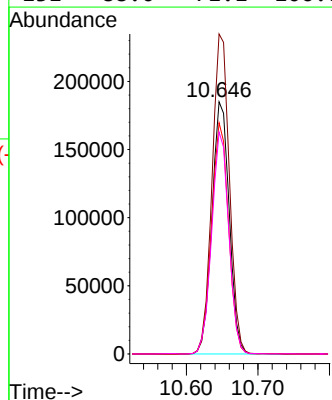
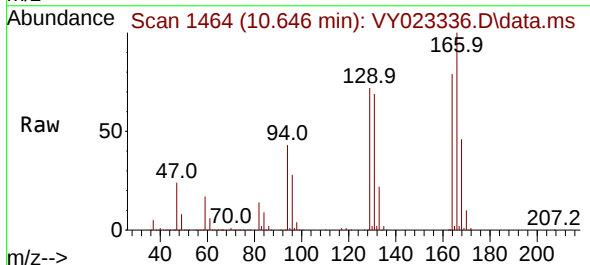
Ion Ratio Lower Upper

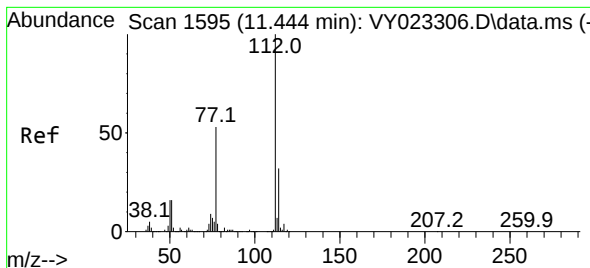
164 100

166 126.9 101.1 151.7

129 91.7 74.0 111.0

131 88.0 71.1 106.7





#65

Chlorobenzene

Concen: 51.211 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

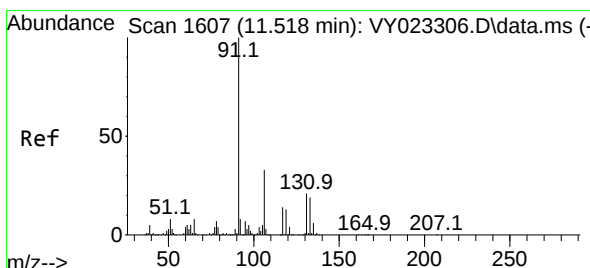
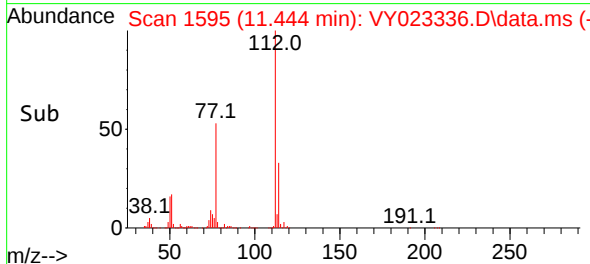
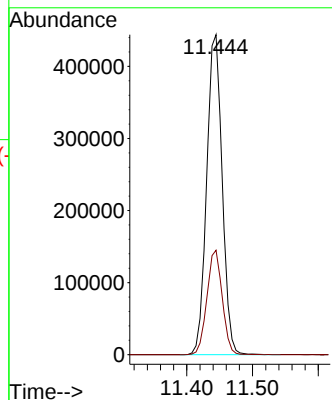
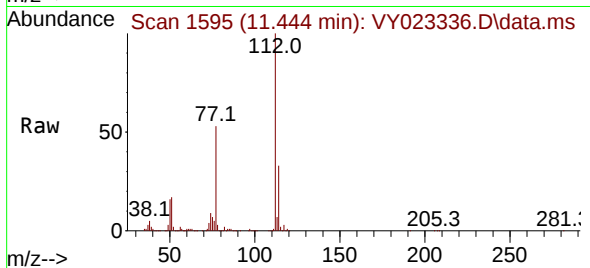
VSTDCCC050

Tgt Ion:112 Resp: 727072

Ion Ratio Lower Upper

112 100

114 32.7 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.331 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

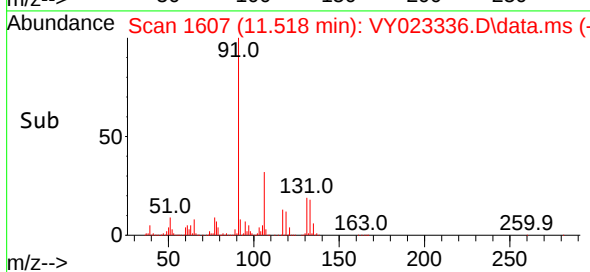
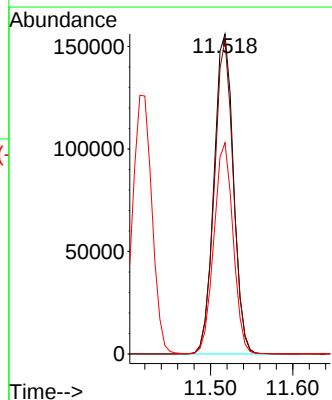
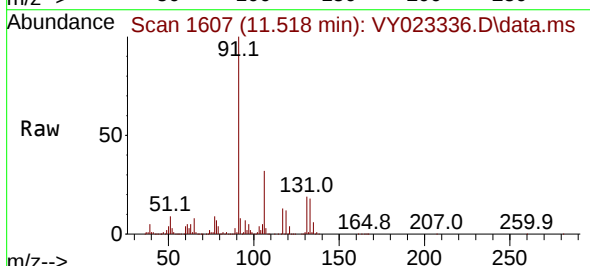
Tgt Ion:131 Resp: 255802

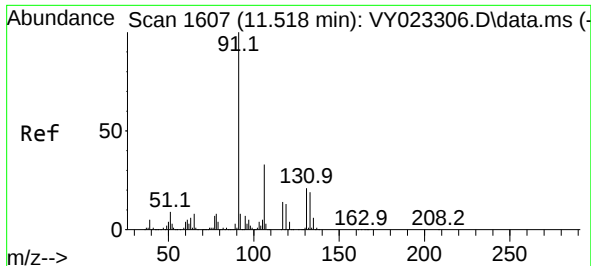
Ion Ratio Lower Upper

131 100

133 96.0 46.9 140.6

119 65.4 33.2 99.6





#67

Ethyl Benzene

Concen: 53.558 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

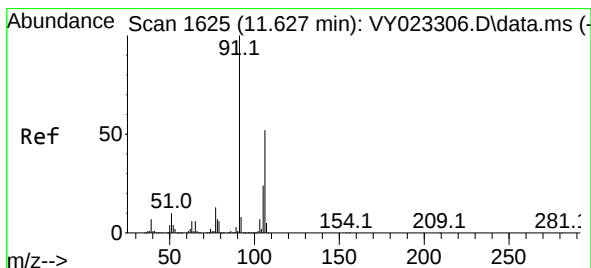
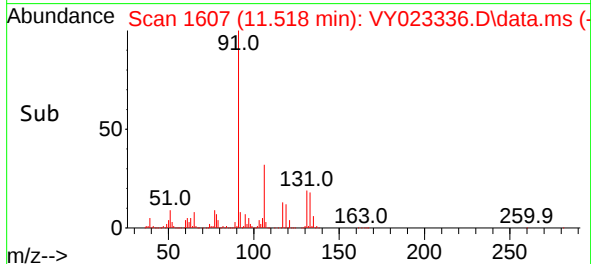
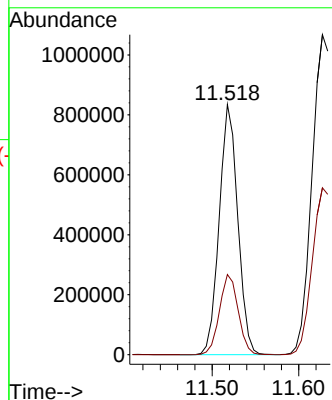
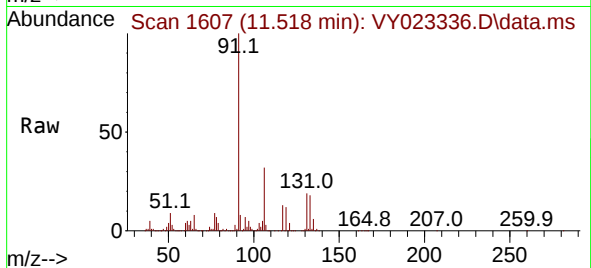
VSTDCCC050

Tgt Ion: 91 Resp: 1242274

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 109.084 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023336.D

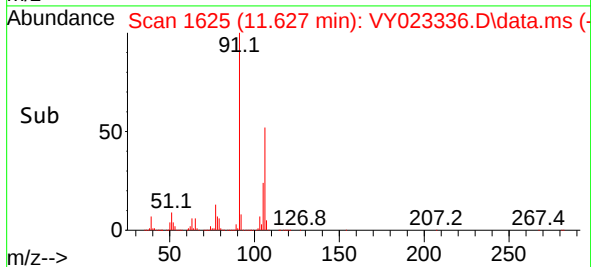
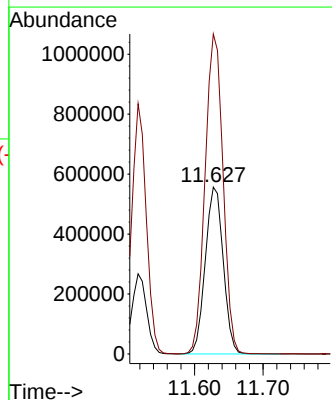
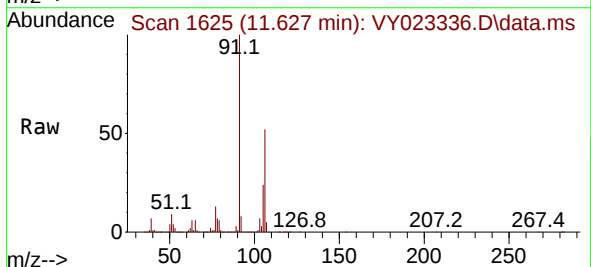
Acq: 11 Sep 2025 09:07

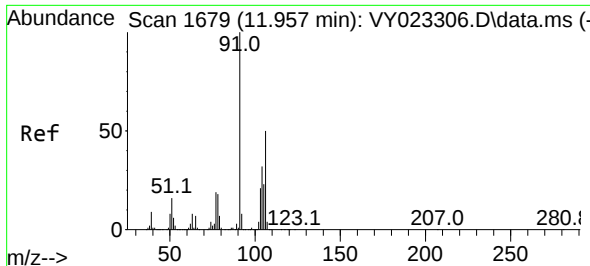
Tgt Ion:106 Resp: 1013145

Ion Ratio Lower Upper

106 100

91 191.9 158.6 238.0

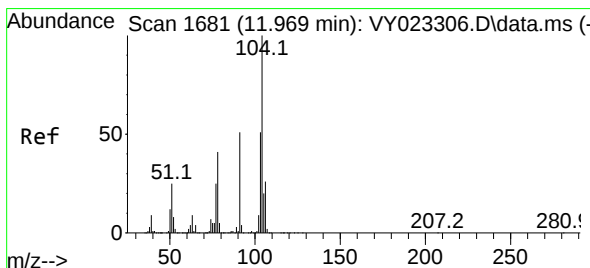
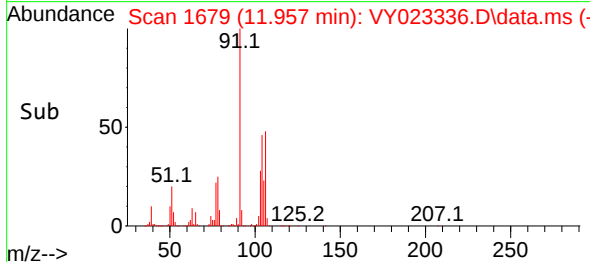
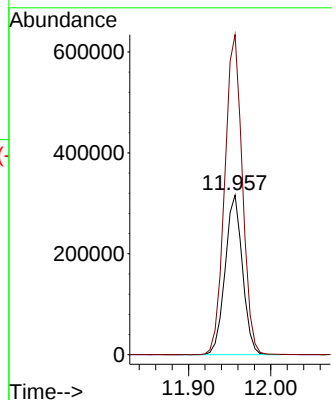
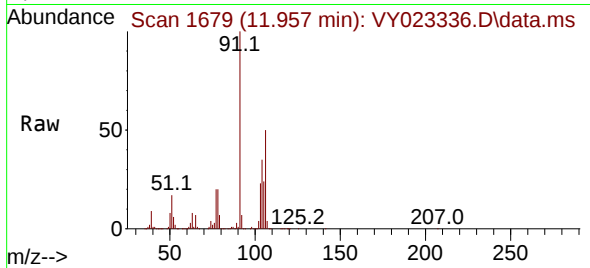




#69
o-Xylene
Concen: 53.935 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

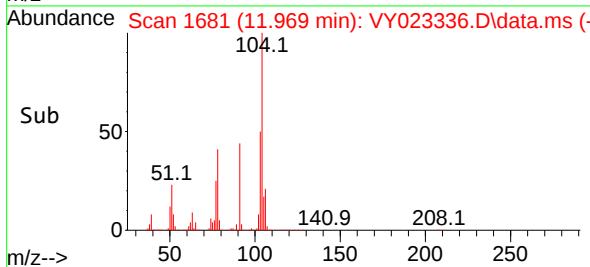
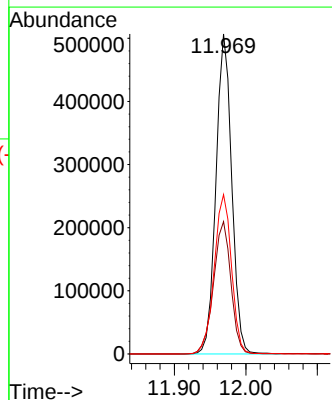
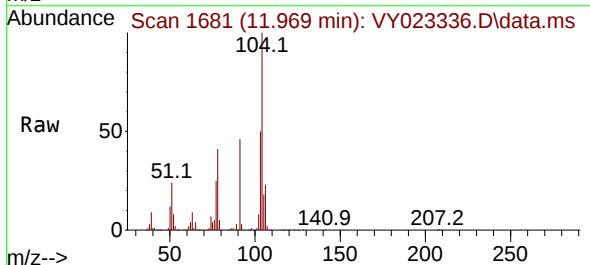
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

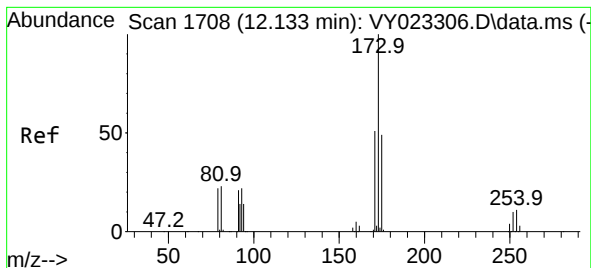
Tgt Ion:106 Resp: 463727
Ion Ratio Lower Upper
106 100
91 204.5 103.2 309.4



#70
Styrene
Concen: 54.486 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion:104 Resp: 776398
Ion Ratio Lower Upper
104 100
78 45.6 38.5 57.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 49.762 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

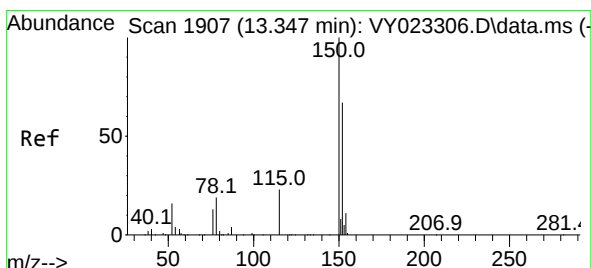
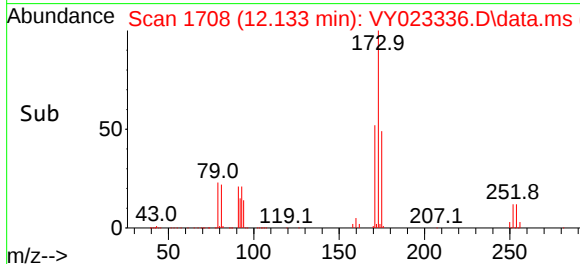
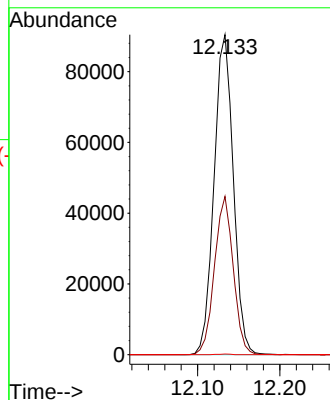
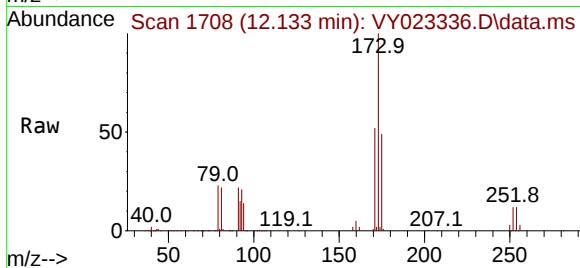
Tgt Ion:173 Resp: 147678

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

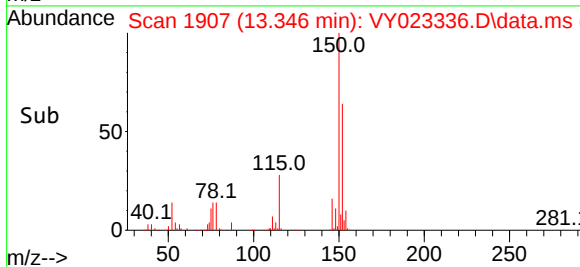
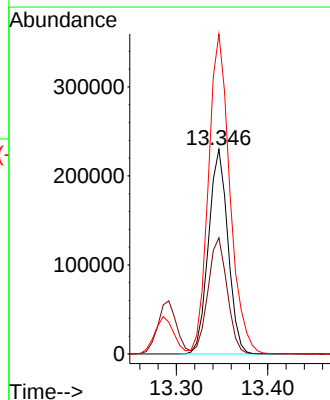
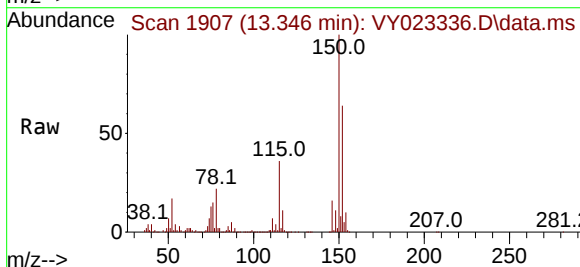
Tgt Ion:152 Resp: 338891

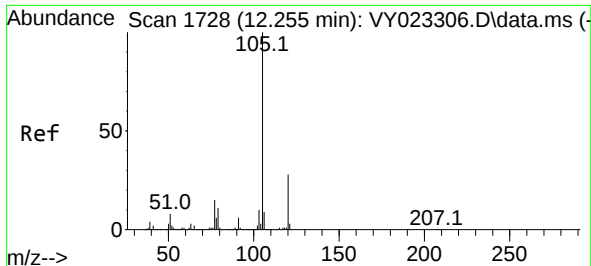
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

150 172.9 0.0 348.0

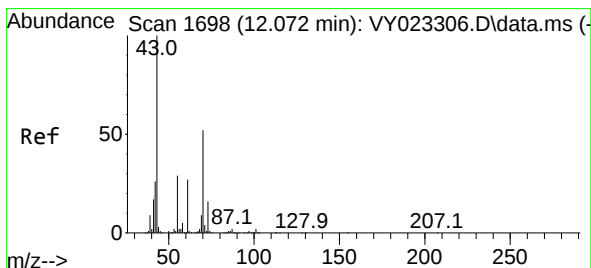
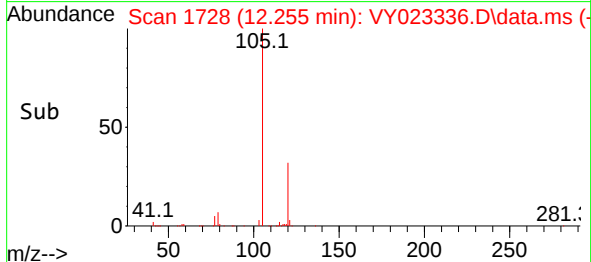
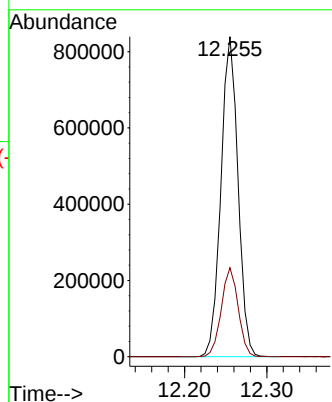
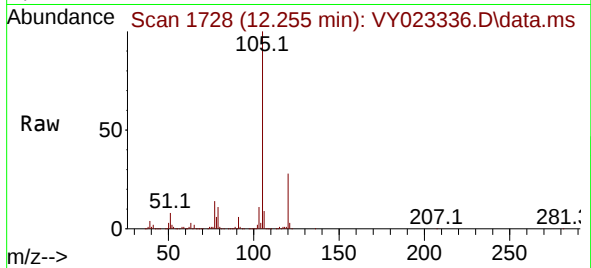




#73
Isopropylbenzene
Concen: 52.940 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

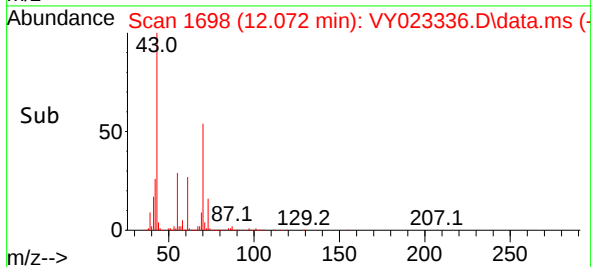
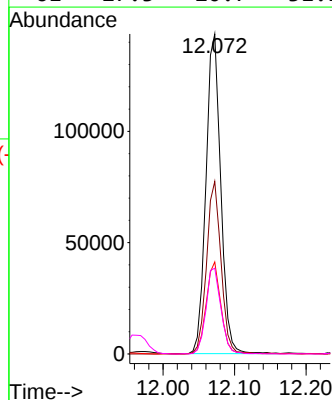
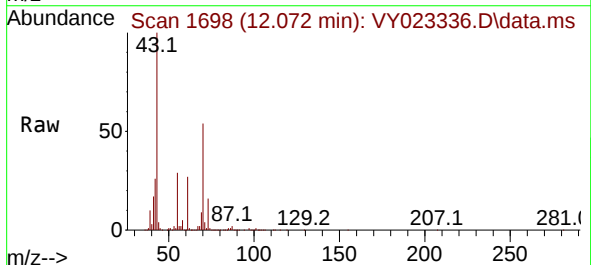
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

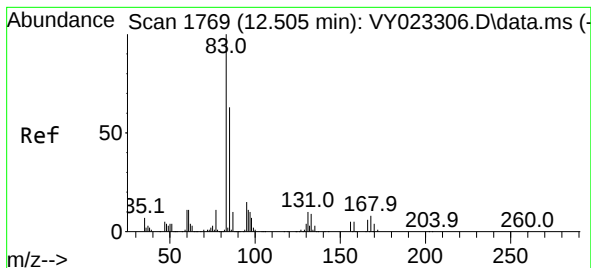
Tgt Ion:105 Resp: 1208497
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 47.884 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 43 Resp: 206615
Ion Ratio Lower Upper
43 100
70 52.9 37.5 56.3
55 28.7 20.7 31.1
61 27.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.929 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

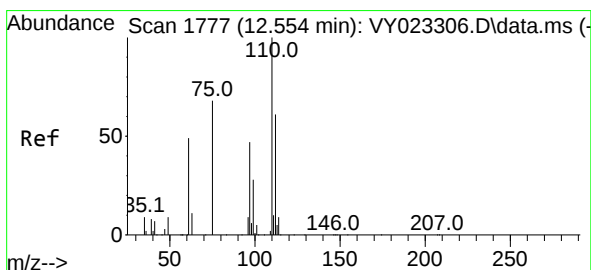
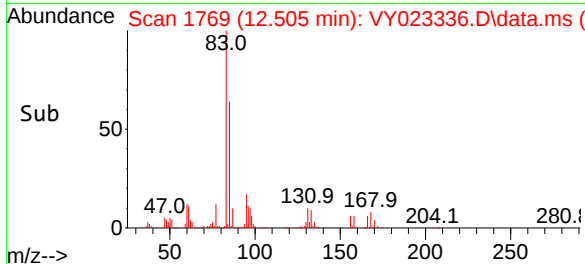
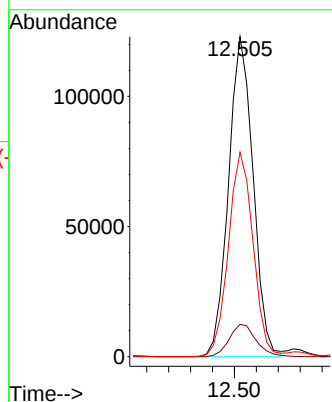
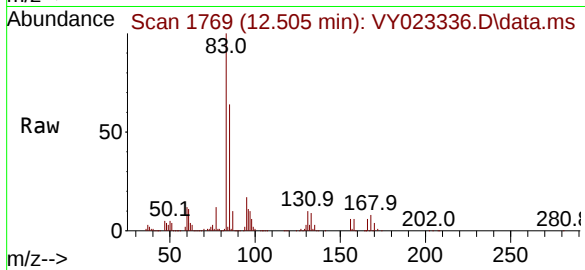
Tgt Ion: 83 Resp: 191287

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 73.121 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023336.D

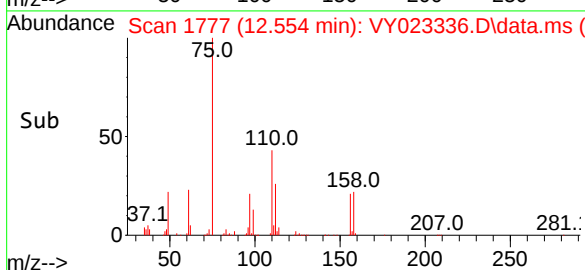
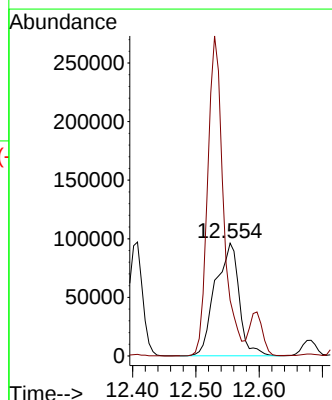
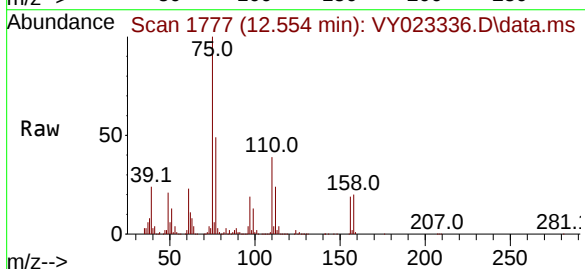
Acq: 11 Sep 2025 09:07

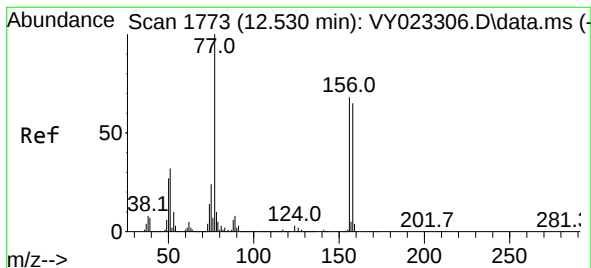
Tgt Ion: 75 Resp: 250943

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.644 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

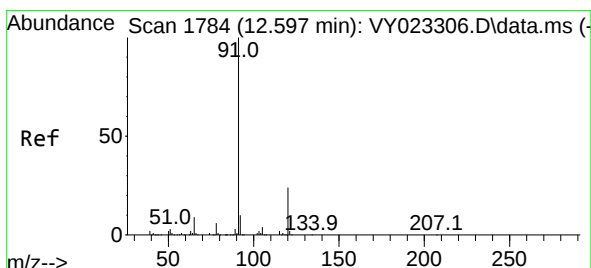
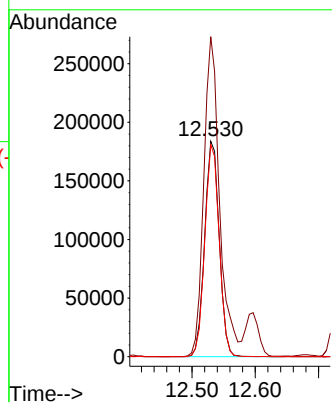
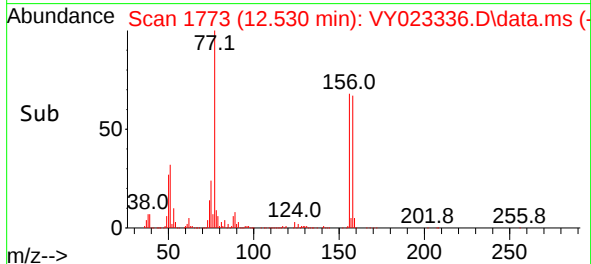
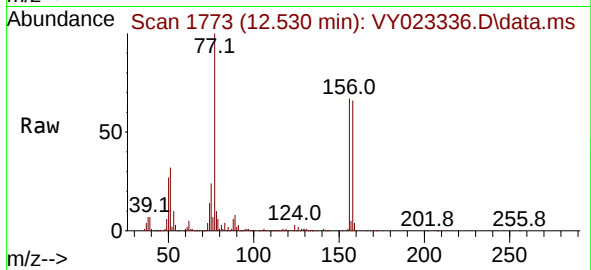
Tgt Ion:156 Resp: 295361

Ion Ratio Lower Upper

156 100

77 160.3 88.1 264.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 53.388 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023336.D

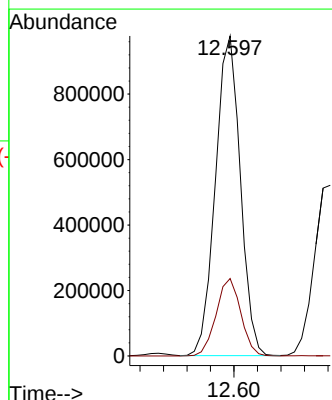
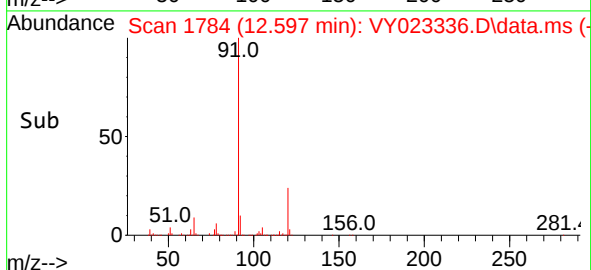
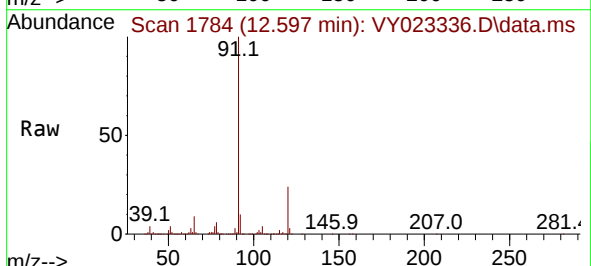
Acq: 11 Sep 2025 09:07

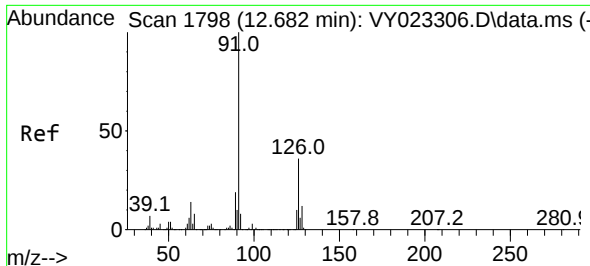
Tgt Ion: 91 Resp: 1436427

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.5

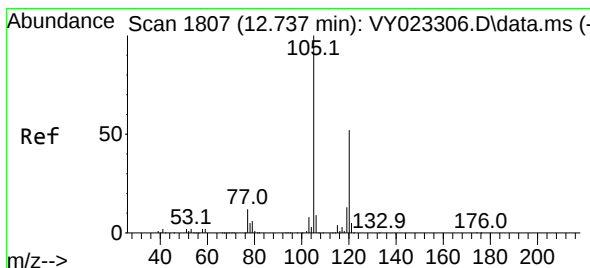
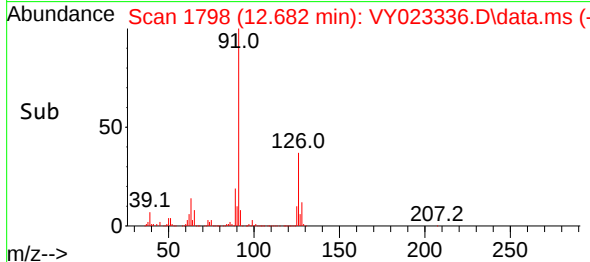
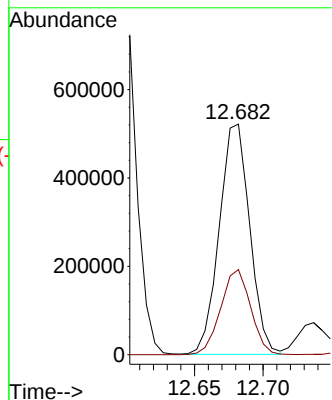
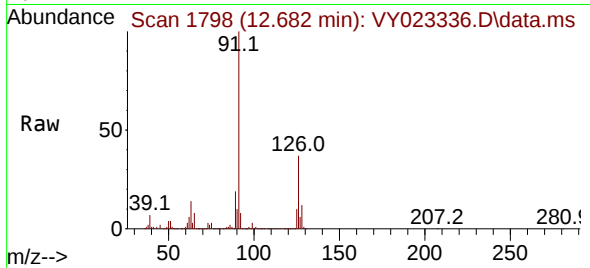




#79
2-Chlorotoluene
Concen: 52.144 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

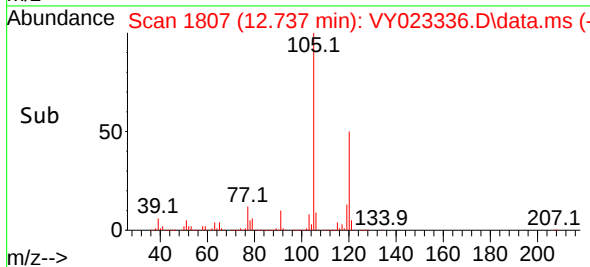
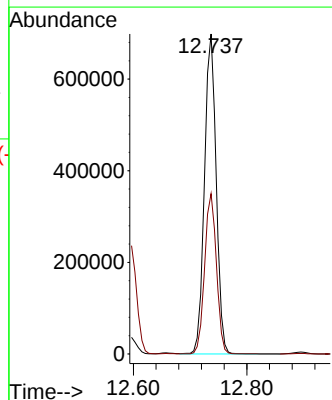
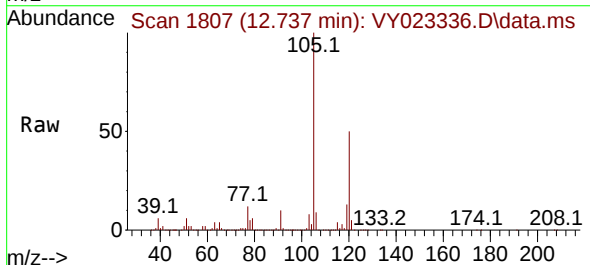
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

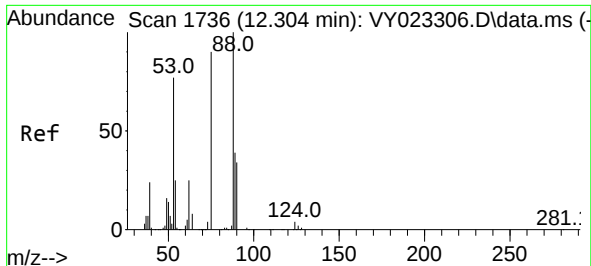
Tgt Ion: 91 Resp: 808060
Ion Ratio Lower Upper
91 100
126 36.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 53.770 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 105 Resp: 998306
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4

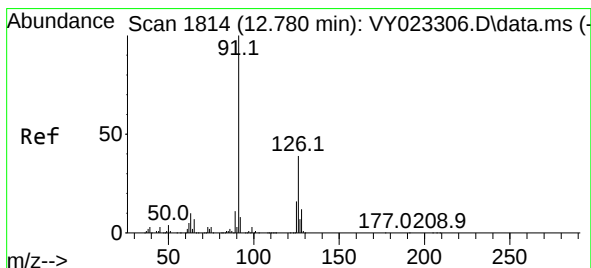
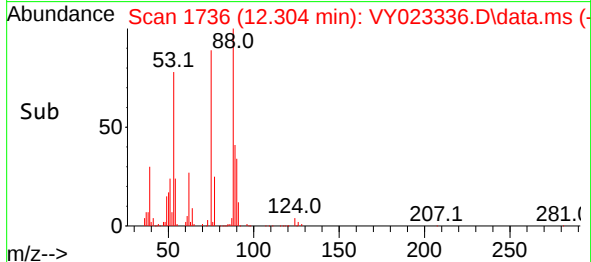
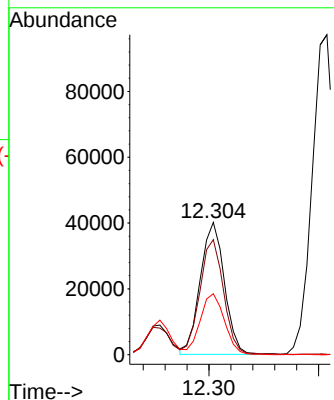
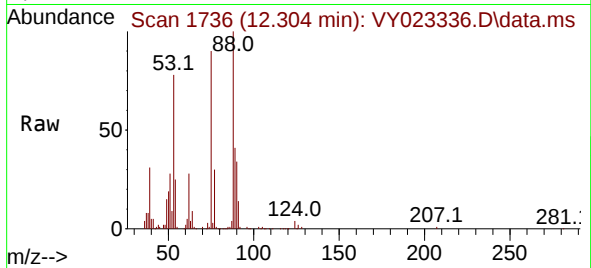




#81
trans-1,4-Dichloro-2-butene
Concen: 48.765 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

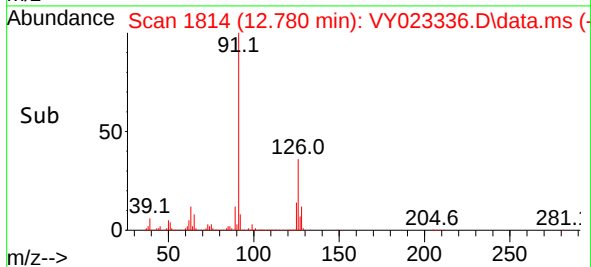
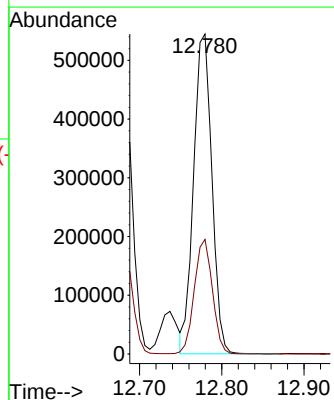
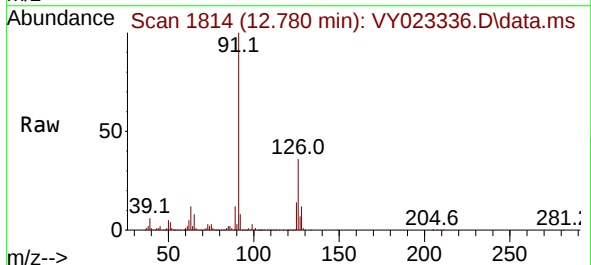
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

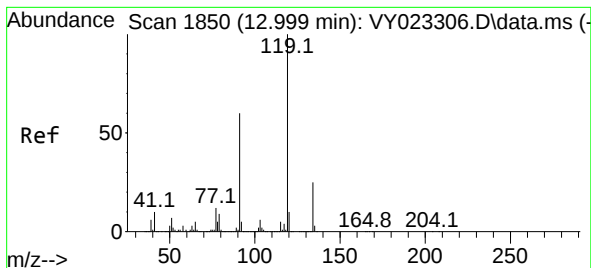
Tgt Ion: 75 Resp: 61368
Ion Ratio Lower Upper
75 100
53 86.1 70.8 106.2
89 46.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 51.862 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 91 Resp: 840944
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0





#83

tert-Butylbenzene

Concen: 53.223 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

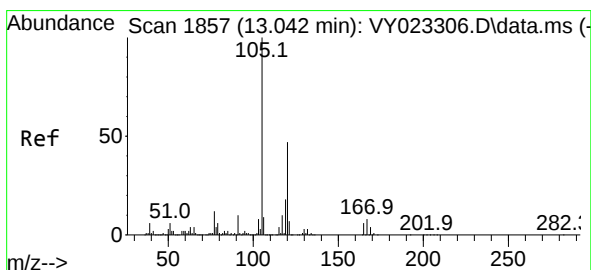
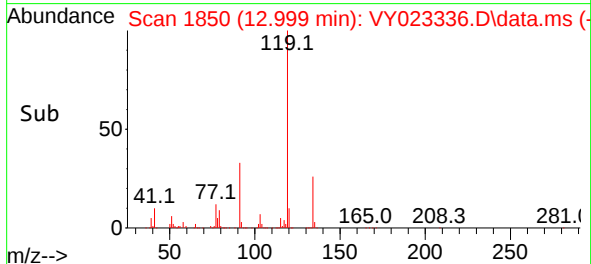
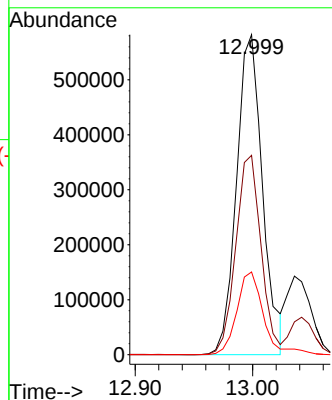
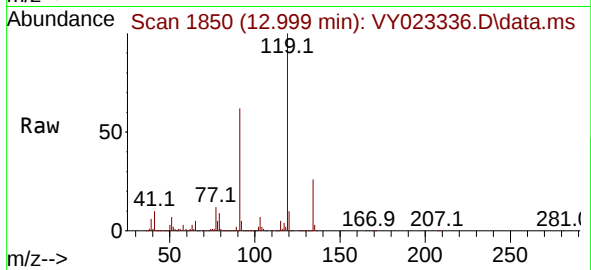
Tgt Ion:119 Resp: 894959

Ion Ratio Lower Upper

119 100

91 60.6 31.6 94.8

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 53.974 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023336.D

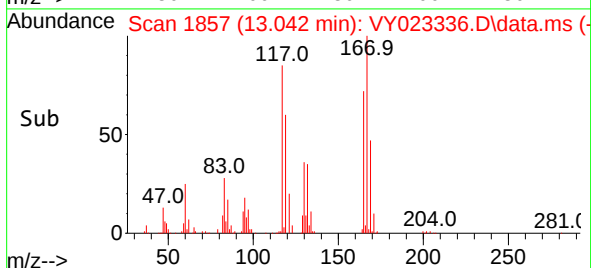
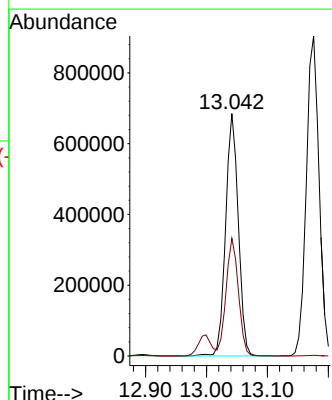
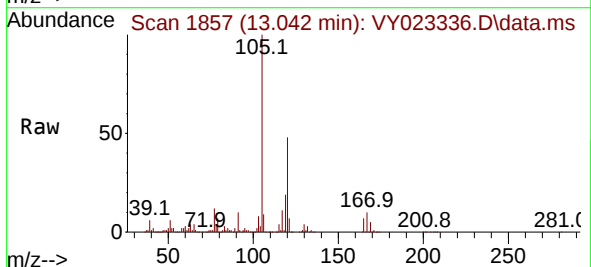
Acq: 11 Sep 2025 09:07

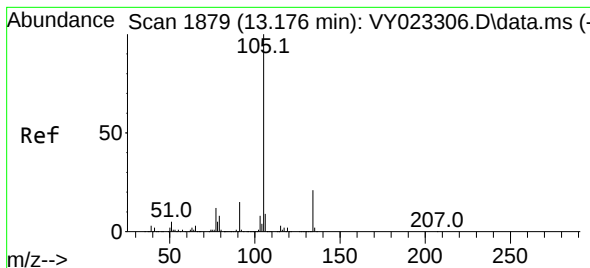
Tgt Ion:105 Resp: 991359

Ion Ratio Lower Upper

105 100

120 47.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.647 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

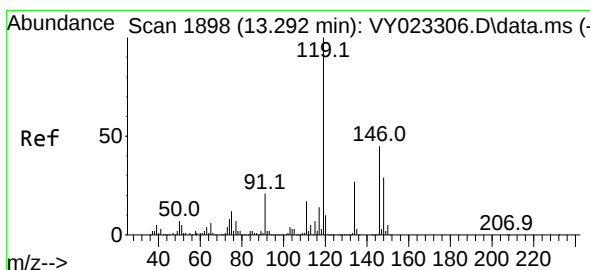
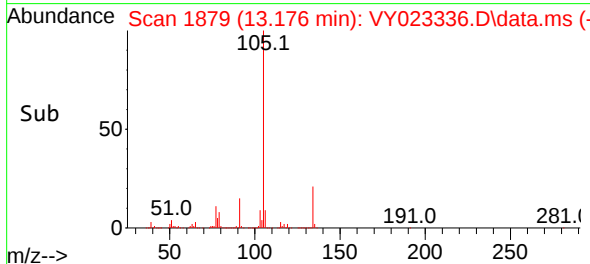
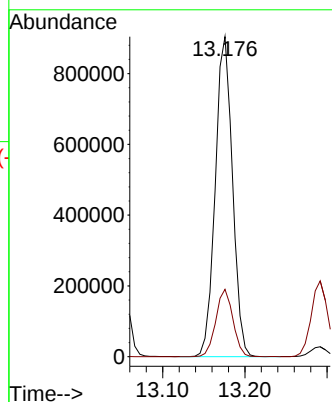
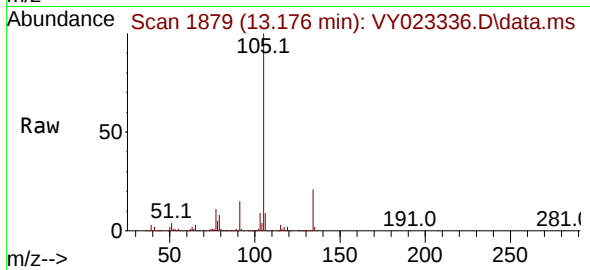
VSTDCCC050

Tgt Ion:105 Resp: 1312523

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.140 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

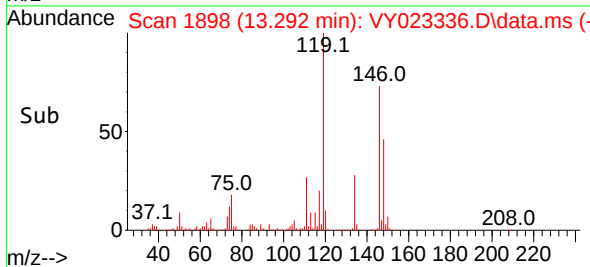
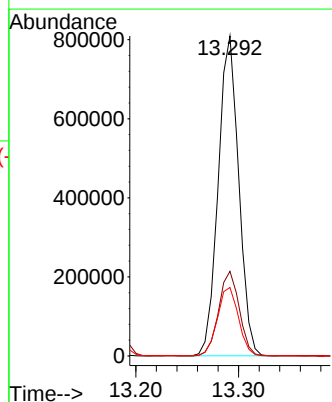
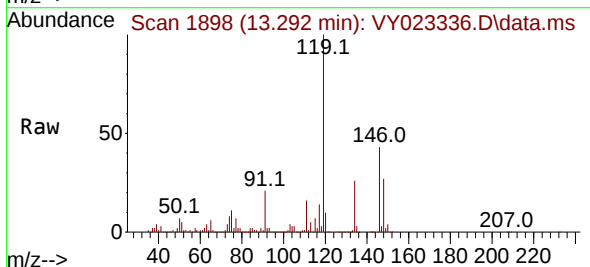
Tgt Ion:119 Resp: 1118886

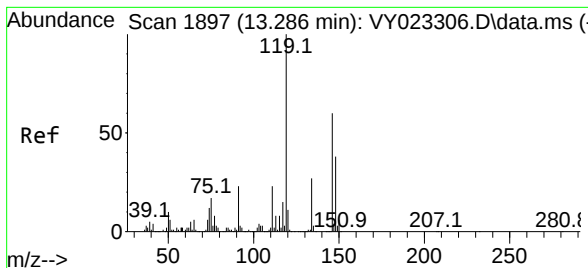
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 51.231 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

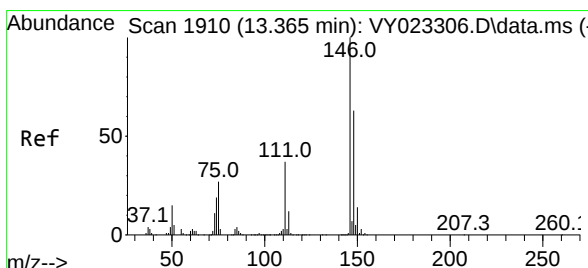
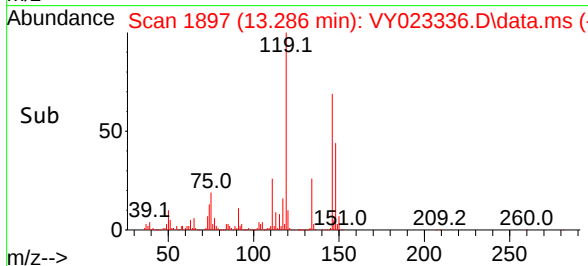
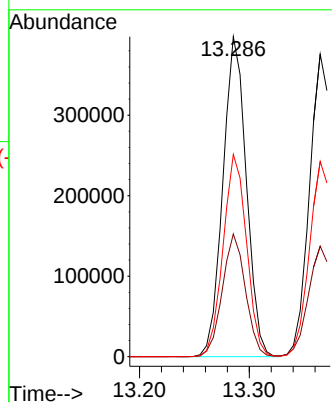
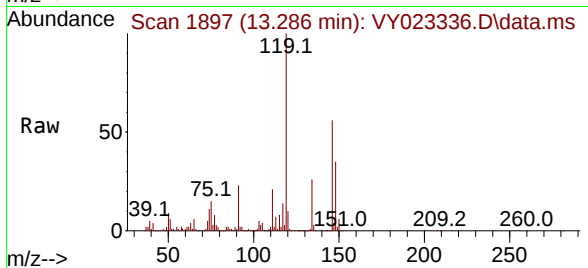
Tgt Ion:146 Resp: 591233

Ion Ratio Lower Upper

146 100

111 37.8 19.6 58.7

148 63.2 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 49.576 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

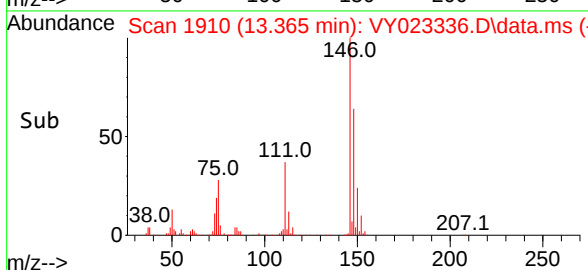
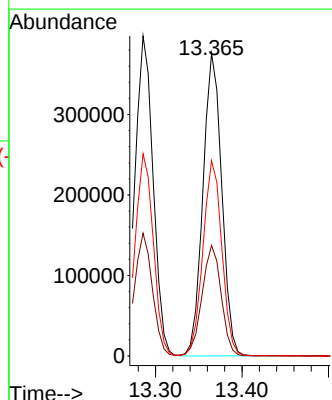
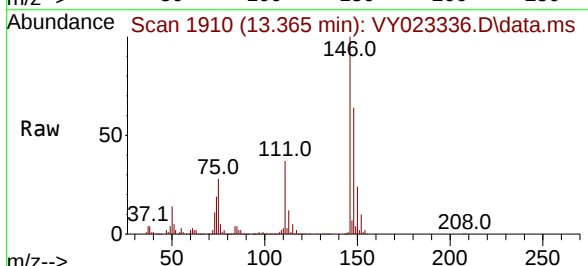
Tgt Ion:146 Resp: 566690

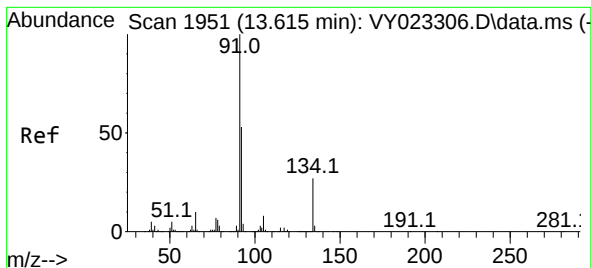
Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.1

148 64.9 31.6 94.7

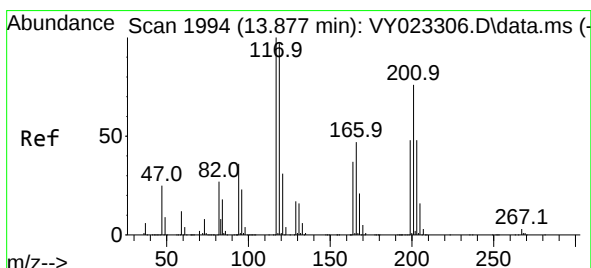
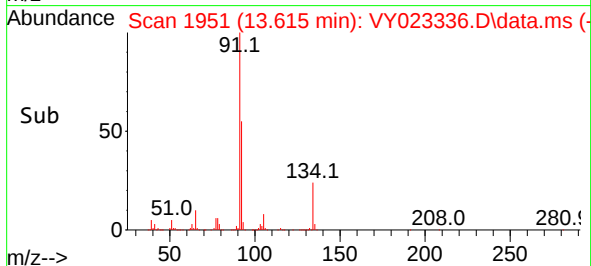
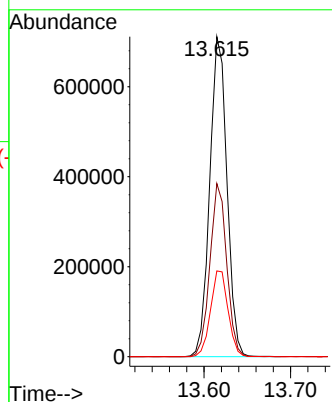
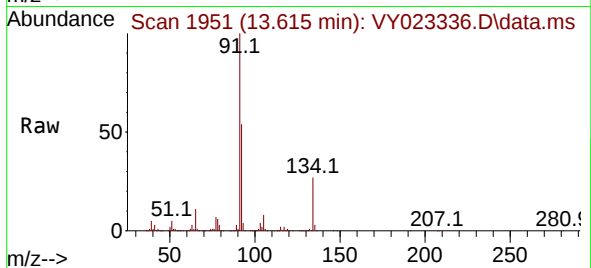




#89
n-Butylbenzene
Concen: 53.468 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

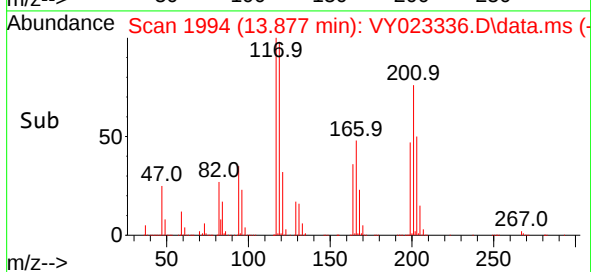
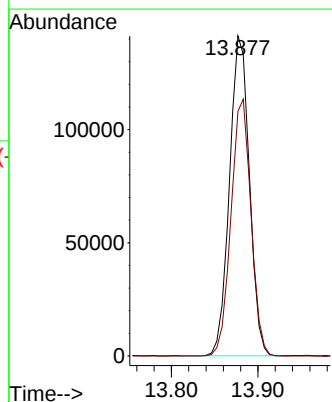
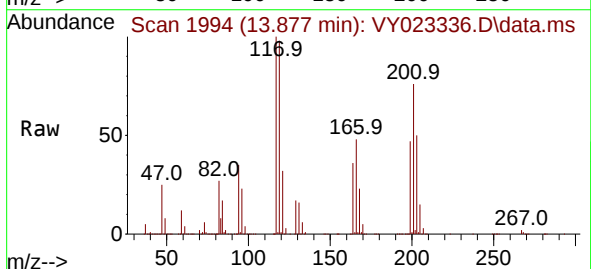
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

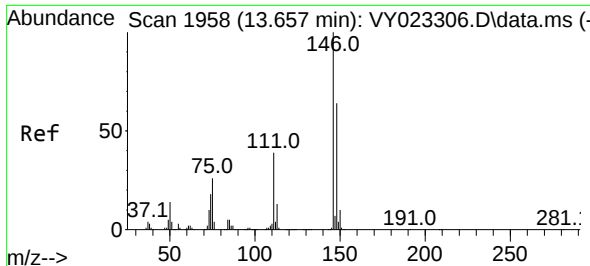
Tgt Ion: 91 Resp: 979983
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 27.4 13.2 39.5



#90
Hexachloroethane
Concen: 50.331 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023336.D
Acq: 11 Sep 2025 09:07

Tgt Ion: 117 Resp: 225507
Ion Ratio Lower Upper
117 100
201 80.5 38.4 115.1

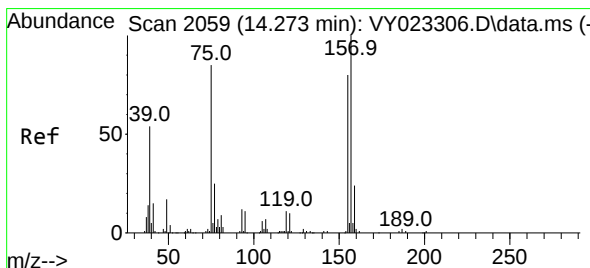
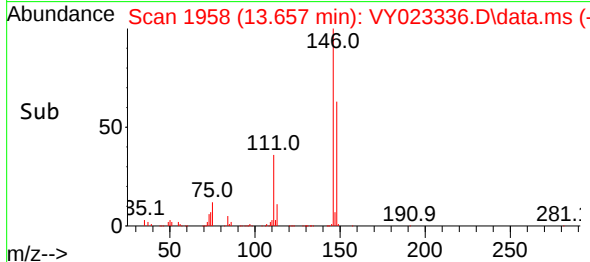
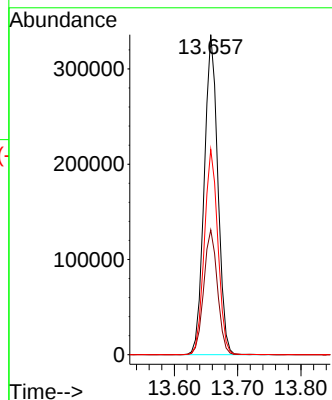
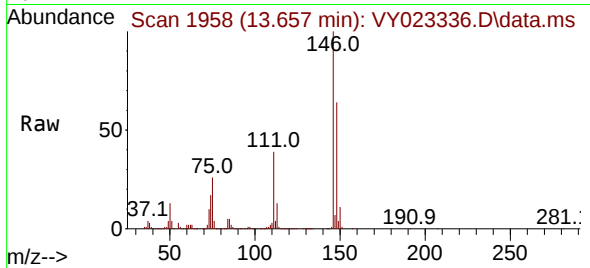




#91
 1,2-Dichlorobenzene
 Concen: 50.036 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023336.D
 Acq: 11 Sep 2025 09:07

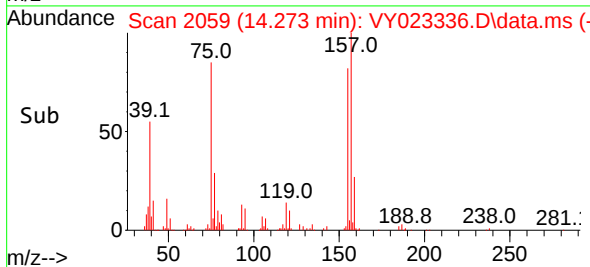
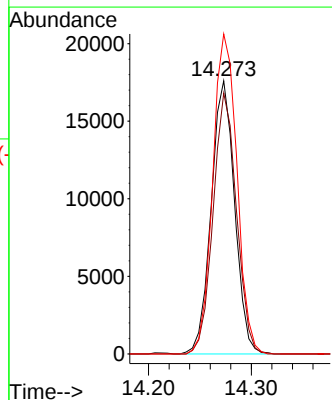
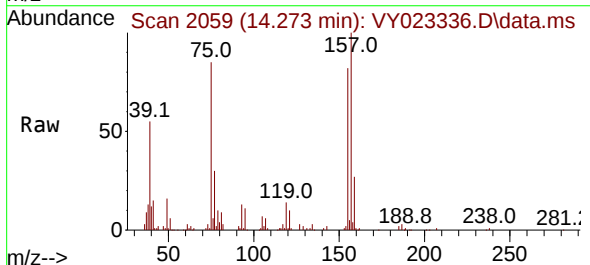
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

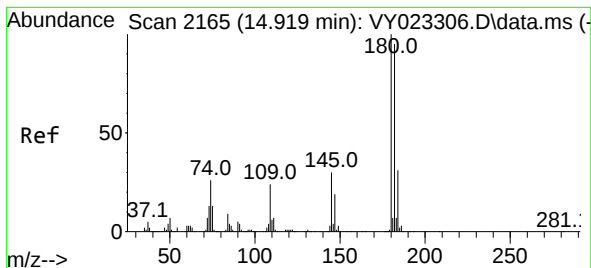
Tgt Ion:146 Resp: 503467
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.8
 148 63.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.217 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023336.D
 Acq: 11 Sep 2025 09:07

Tgt Ion: 75 Resp: 27783
 Ion Ratio Lower Upper
 75 100
 155 95.4 43.9 131.6
 157 120.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 49.590 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

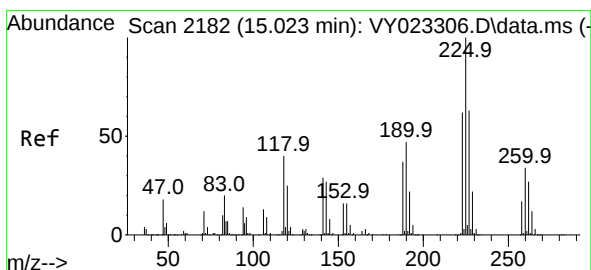
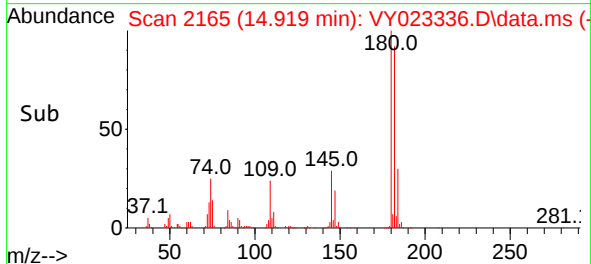
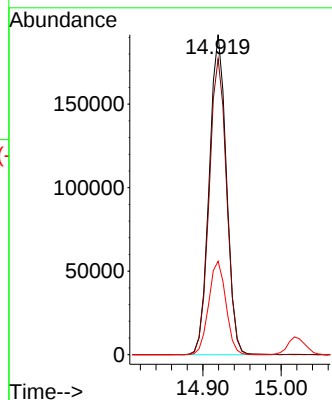
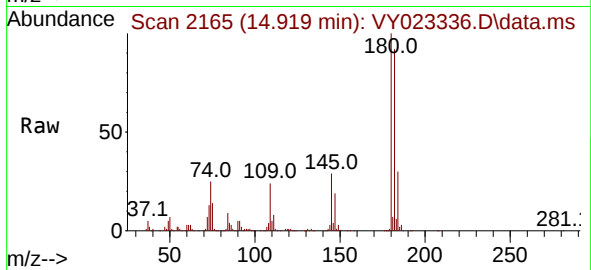
Tgt Ion:180 Resp: 291060

Ion Ratio Lower Upper

180 100

182 93.9 46.8 140.4

145 29.3 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.331 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

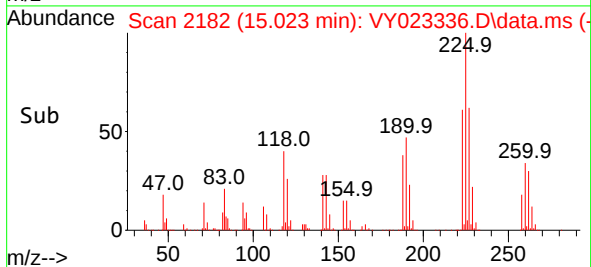
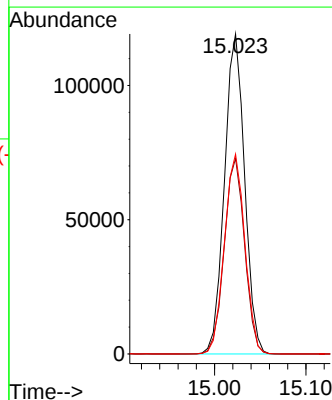
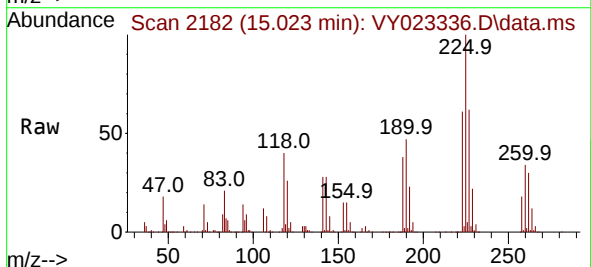
Tgt Ion:225 Resp: 182651

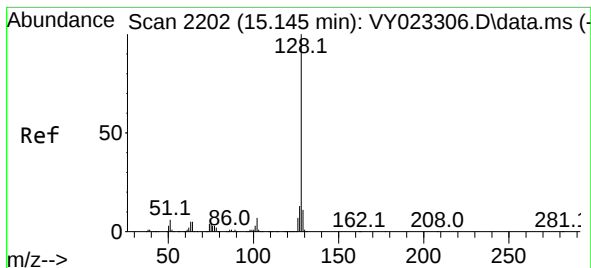
Ion Ratio Lower Upper

225 100

223 61.7 31.3 93.8

227 63.6 31.5 94.5





#95

Naphthalene

Concen: 47.948 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

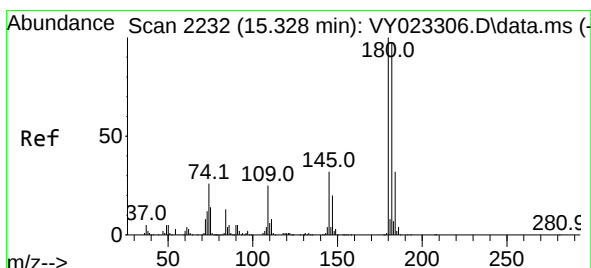
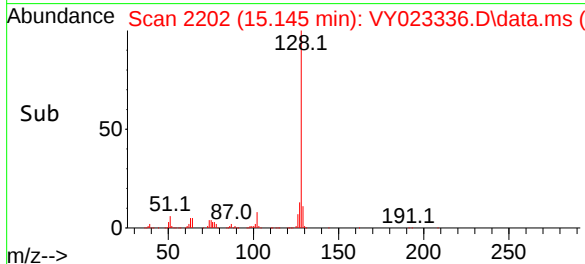
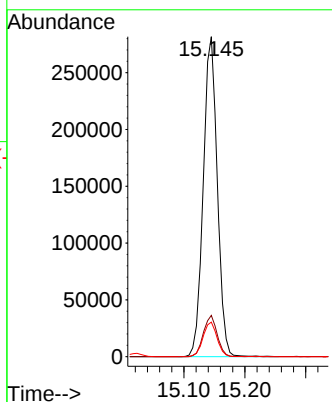
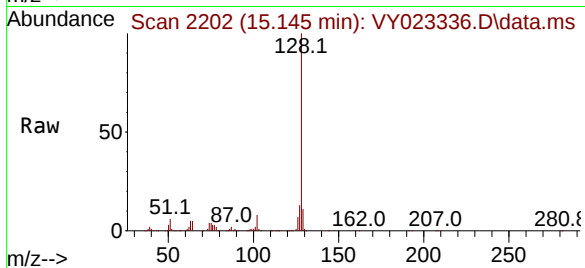
Tgt Ion:128 Resp: 452332

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 48.500 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023336.D

Acq: 11 Sep 2025 09:07

Tgt Ion:180 Resp: 247223

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 31.2 15.9 47.7

