

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023353.D
 Acq On : 11 Sep 2025 16:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 01:30:47 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	518031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	790791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	375232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217131	47.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.400%
35) Dibromofluoromethane	7.634	113	238117	49.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.109	98	912060	49.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.402	95	302039	52.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	168854	40.629	ug/l	100
3) Chloromethane	2.068	50	260624	43.824	ug/l	100
4) Vinyl Chloride	2.202	62	336316	44.890	ug/l	99
5) Bromomethane	2.598	94	282384	46.160	ug/l	100
6) Chloroethane	2.739	64	236968	46.739	ug/l	99
7) Trichlorofluoromethane	3.056	101	440508	46.584	ug/l	99
8) Diethyl Ether	3.452	74	121728	48.651	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	225120	44.268	ug/l	96
10) Methyl Iodide	4.007	142	269590	45.445	ug/l	99
11) Tert butyl alcohol	4.872	59	66550	253.021	ug/l	99
12) 1,1-Dichloroethene	3.787	96	222617	45.506	ug/l	88
13) Acrolein	3.653	56	71698	161.242	ug/l	96
14) Allyl chloride	4.385	41	275159	44.525	ug/l	96
15) Acrylonitrile	5.061	53	233448	237.009	ug/l	98
16) Acetone	3.873	43	194714	187.790	ug/l	99
17) Carbon Disulfide	4.104	76	671495	43.355	ug/l	100
18) Methyl Acetate	4.391	43	117274	46.108	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	570255	49.575	ug/l	98
20) Methylene Chloride	4.616	84	263067	47.422	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	253478	46.374	ug/l	91
22) Diisopropyl ether	6.019	45	631675	45.897	ug/l	90
23) Vinyl Acetate	5.964	43	1782619	234.291	ug/l	96
24) 1,1-Dichloroethane	5.915	63	410376	45.588	ug/l	98
25) 2-Butanone	6.896	43	276160	216.400	ug/l	94
26) 2,2-Dichloropropane	6.890	77	350614	44.112	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	297295	48.030	ug/l	92
28) Bromochloromethane	7.244	49	159689	45.083	ug/l #	80
29) Tetrahydrofuran	7.262	42	177723	234.790	ug/l	90
30) Chloroform	7.421	83	453268	46.863	ug/l	98
31) Cyclohexane	7.701	56	340125	42.698	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	402968	46.632	ug/l	98
36) 1,1-Dichloropropene	7.835	75	316964	46.039	ug/l	98
37) Ethyl Acetate	6.988	43	129714	47.363	ug/l	99
38) Carbon Tetrachloride	7.817	117	364350	45.993	ug/l	97
39) Methylcyclohexane	9.109	83	415553	47.181	ug/l	95
40) Benzene	8.079	78	998446	46.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	70000	49.356	ug/l	92
42) 1,2-Dichloroethane	8.158	62	249020	45.705	ug/l	98
43) Isopropyl Acetate	8.195	43	248437	46.639	ug/l	94
44) Trichloroethene	8.866	130	281974	47.307	ug/l	96
45) 1,2-Dichloropropane	9.140	63	223069	46.156	ug/l	98
46) Dibromomethane	9.231	93	142627	48.459	ug/l	96
47) Bromodichloromethane	9.420	83	350026	47.272	ug/l	98
48) Methyl methacrylate	9.219	41	120430	48.505	ug/l	92
49) 1,4-Dioxane	9.231	88	31082	1040.333	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	658753	241.728	ug/l	94
52) Toluene	10.170	92	663973	48.892	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	311767	48.905	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	368047	48.316	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	190188	48.578	ug/l	98
56) Ethyl methacrylate	10.438	69	235353	51.887	ug/l	95
57) 1,3-Dichloropropane	10.713	76	305154	48.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	561324	283.935	ug/l	94
59) 2-Hexanone	10.762	43	451400	239.607	ug/l	96
60) Dibromochloromethane	10.908	129	262795	49.471	ug/l	99
61) 1,2-Dibromoethane	11.012	107	183084	49.904	ug/l	99
64) Tetrachloroethene	10.646	164	348509	49.046	ug/l	99
65) Chlorobenzene	11.438	112	737434	47.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	258910	47.227	ug/l	98
67) Ethyl Benzene	11.518	91	1230711	48.231	ug/l	97
68) m/p-Xylenes	11.627	106	997406	97.616	ug/l	95
69) o-Xylene	11.950	106	468141	49.493	ug/l	98
70) Styrene	11.969	104	784608	50.051	ug/l	97
71) Bromoform	12.127	173	158659	48.597	ug/l #	98
73) Isopropylbenzene	12.255	105	1208390	47.808	ug/l	99
74) N-amyl acetate	12.066	43	226487	47.406	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	192320	45.337	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	263330	69.299	ug/l #	100
77) Bromobenzene	12.530	156	301010	46.614	ug/l	92
78) n-propylbenzene	12.591	91	1413565	47.450	ug/l	97
79) 2-Chlorotoluene	12.676	91	810359	47.228	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	987479	48.036	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	64960	46.620	ug/l	95
82) 4-Chlorotoluene	12.773	91	835491	46.536	ug/l	98
83) tert-Butylbenzene	12.993	119	888653	47.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	981837	48.279	ug/l	99
85) sec-Butylbenzene	13.176	105	1287357	47.522	ug/l	99
86) p-Isopropyltoluene	13.292	119	1098629	48.011	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	591424	46.284	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	578072	45.674	ug/l	98
89) n-Butylbenzene	13.615	91	960164	47.313	ug/l	99
90) Hexachloroethane	13.877	117	223797	45.112	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	520459	46.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31173	46.834	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	315708	48.580	ug/l	99
94) Hexachlorobutadiene	15.023	225	184824	45.998	ug/l	98
95) Naphthalene	15.145	128	546401	52.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	279407	49.505	ug/l	99

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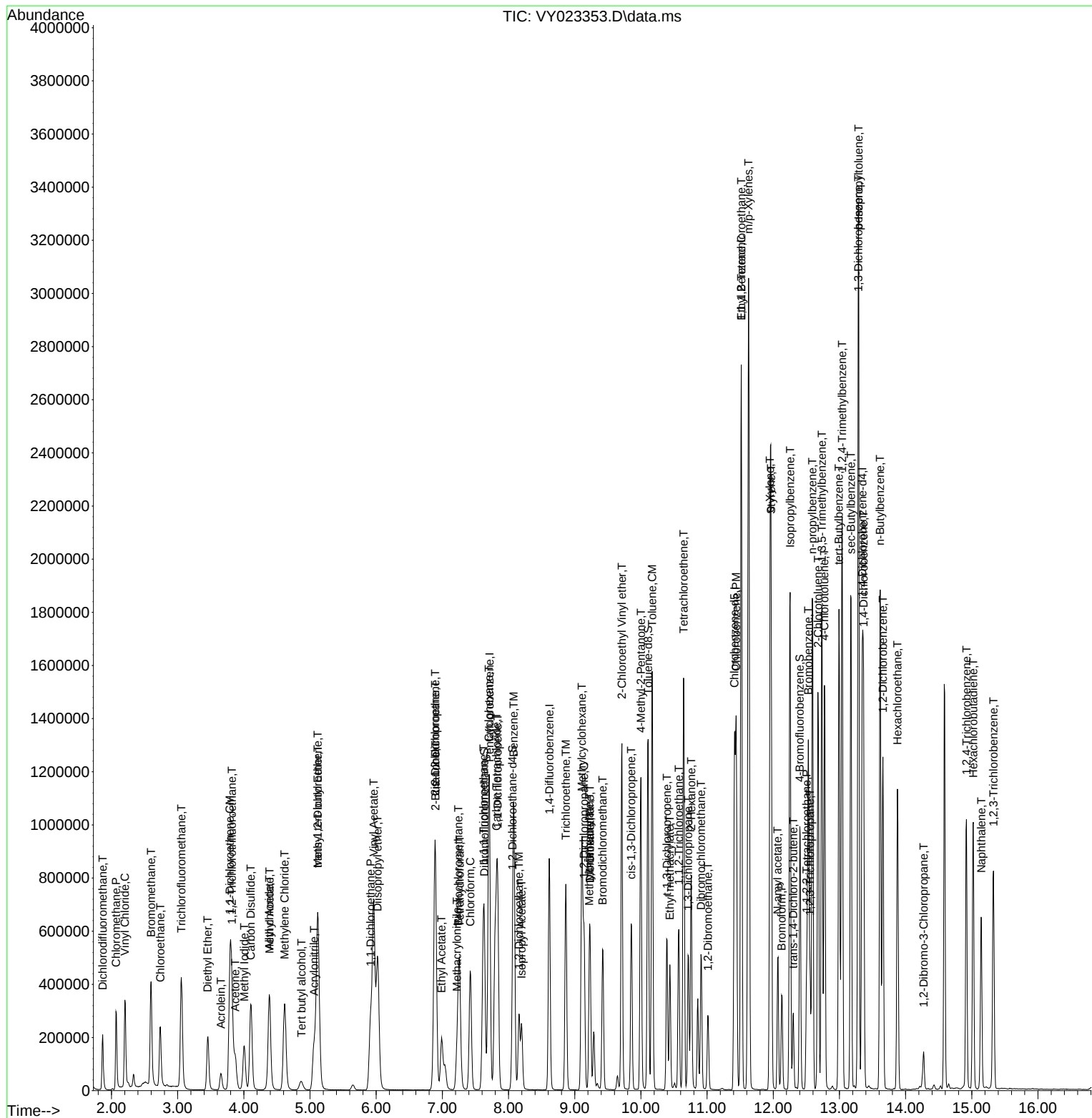
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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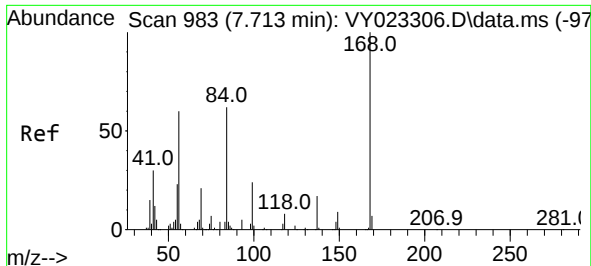
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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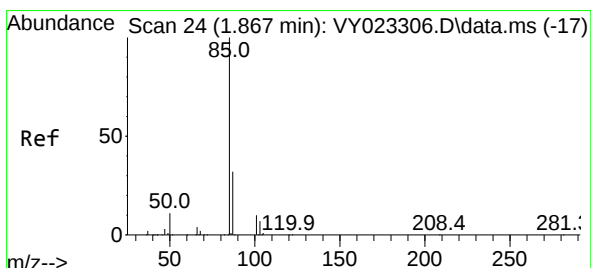
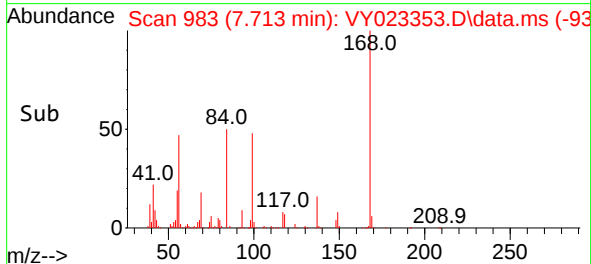
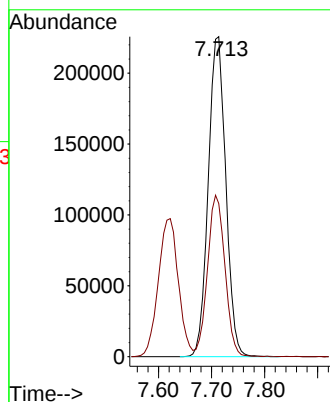
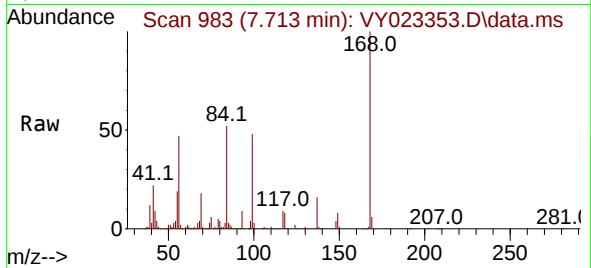




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023353.D
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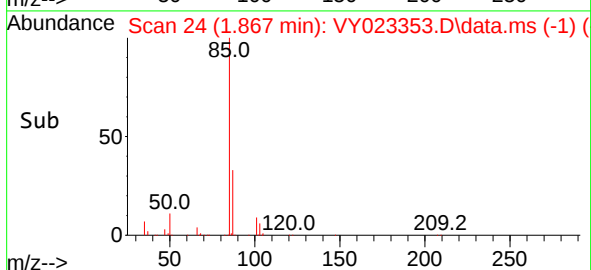
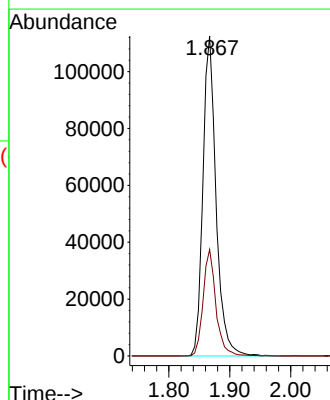
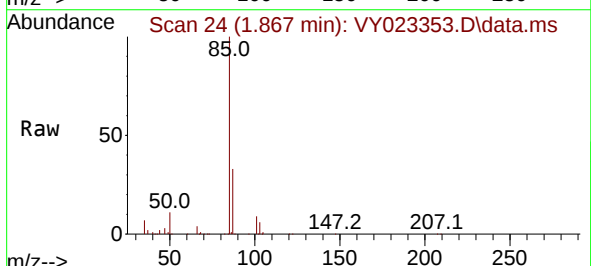
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

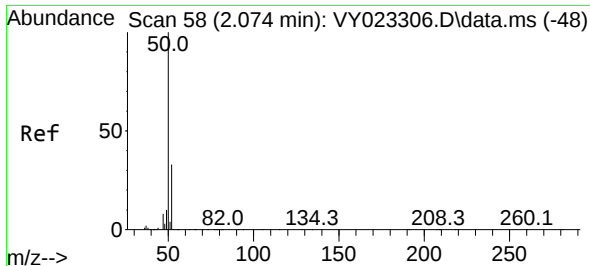
Tgt Ion:168 Resp: 518031
Ion Ratio Lower Upper
168 100
99 47.8 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 40.629 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 85 Resp: 168854
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8

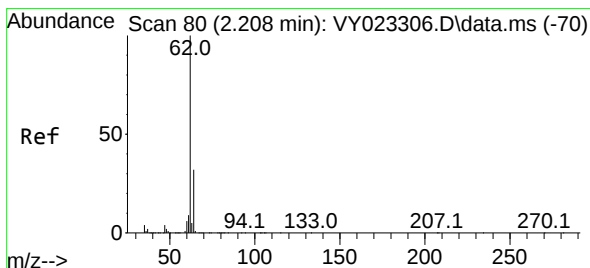
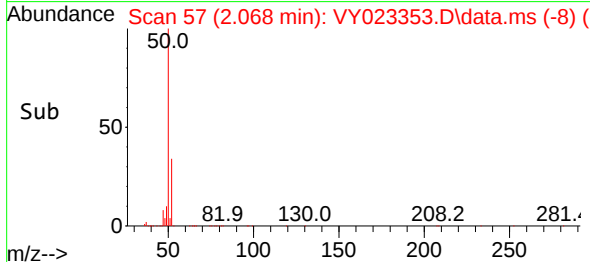
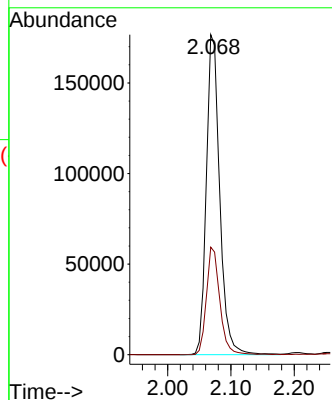
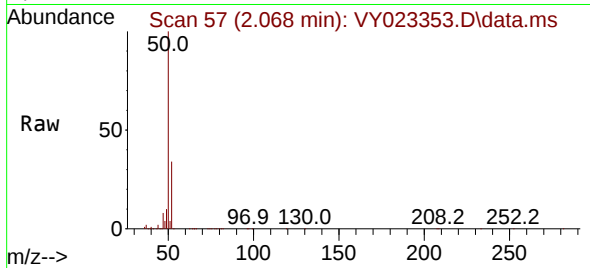




#3
Chloromethane
Concen: 43.824 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

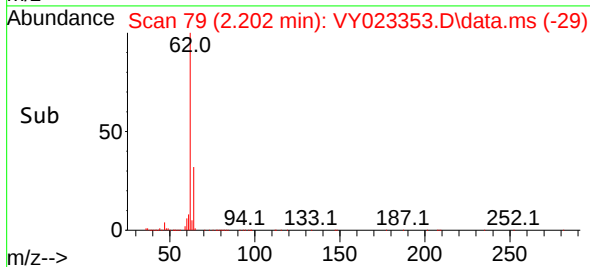
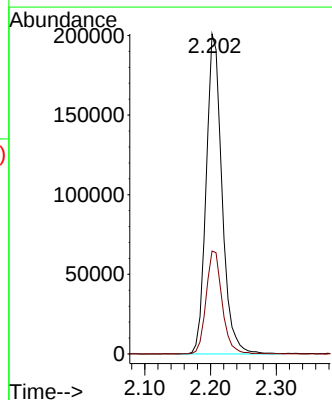
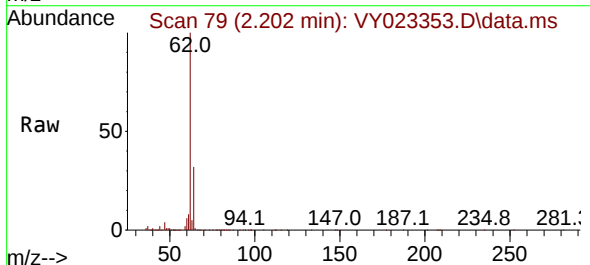
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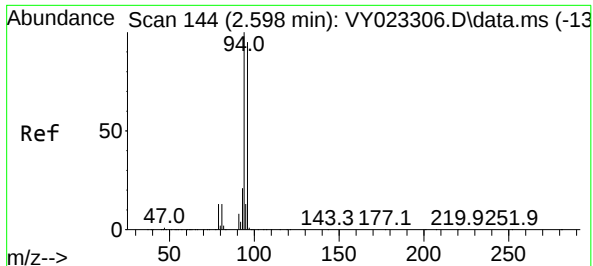
Tgt Ion: 50 Resp: 260624
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1



#4
Vinyl Chloride
Concen: 44.890 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 62 Resp: 336316
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

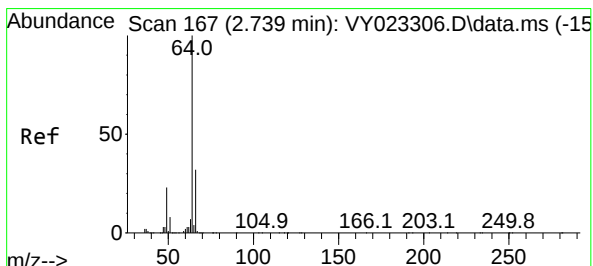
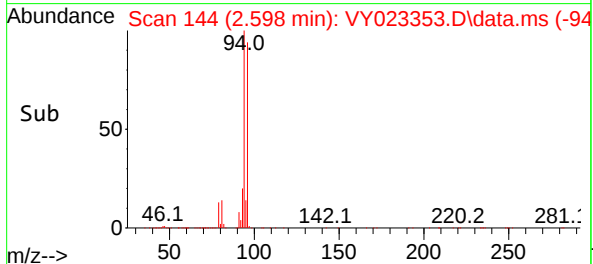
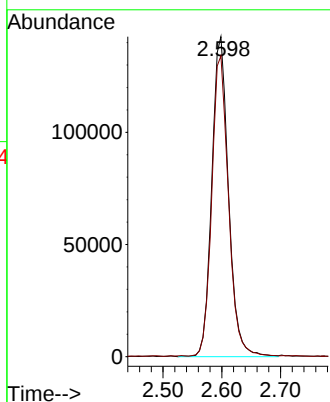
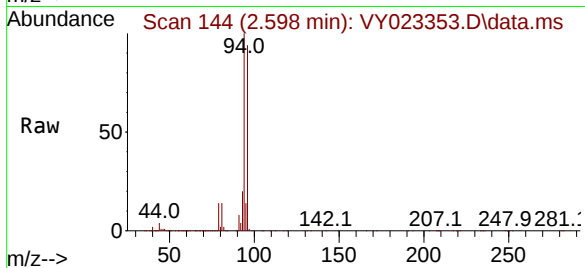




#5
Bromomethane
Concen: 46.160 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023353.D
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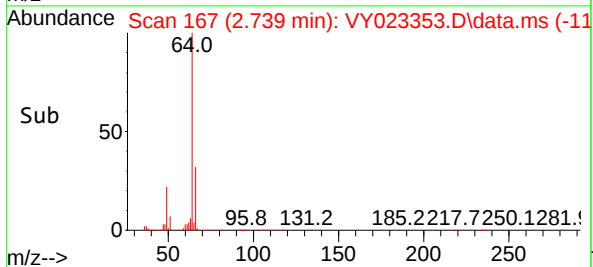
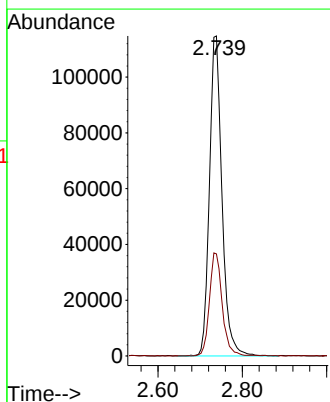
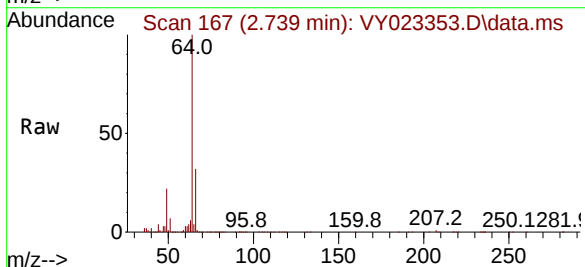
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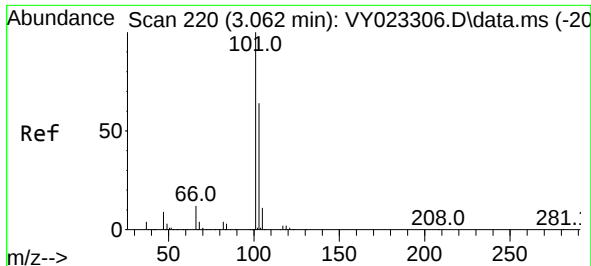
Tgt Ion: 94 Resp: 282384
Ion Ratio Lower Upper
94 100
96 93.7 74.6 112.0



#6
Chloroethane
Concen: 46.739 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 64 Resp: 236968
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.6

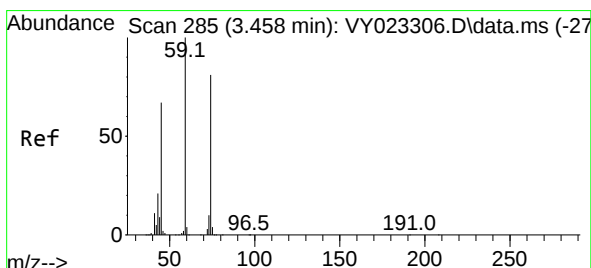
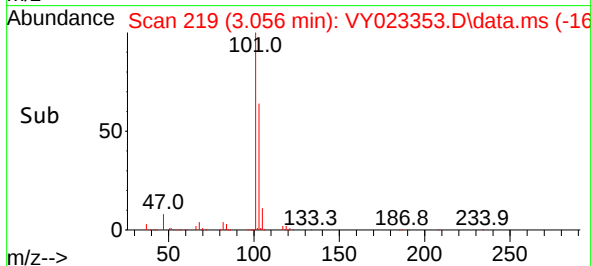
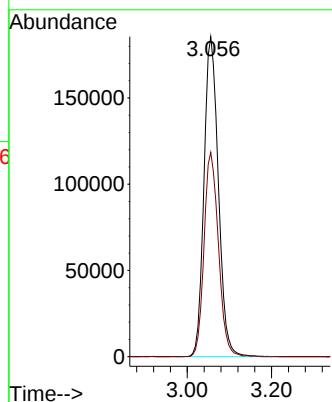
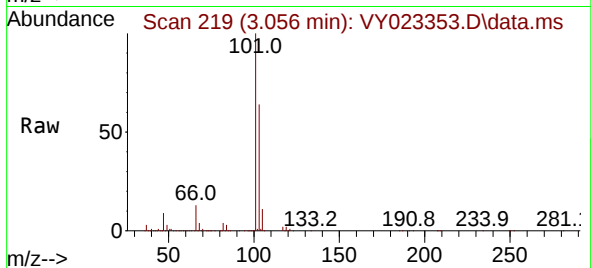




#7
Trichlorofluoromethane
Concen: 46.584 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

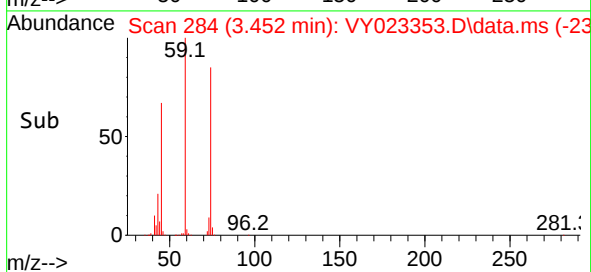
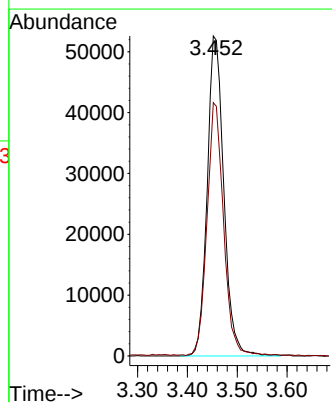
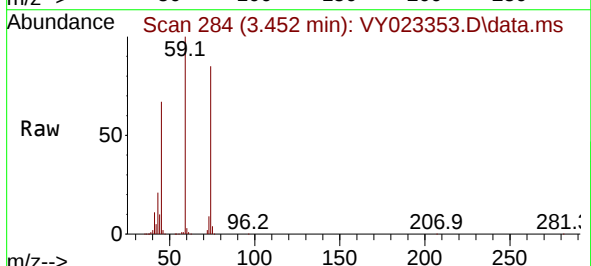
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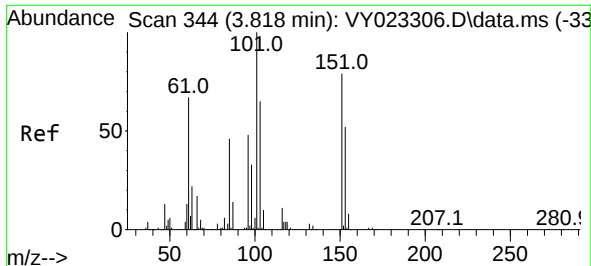
Tgt Ion:101 Resp: 440508
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9



#8
Diethyl Ether
Concen: 48.651 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 121728
Ion Ratio Lower Upper
74 100
45 78.8 44.4 133.2

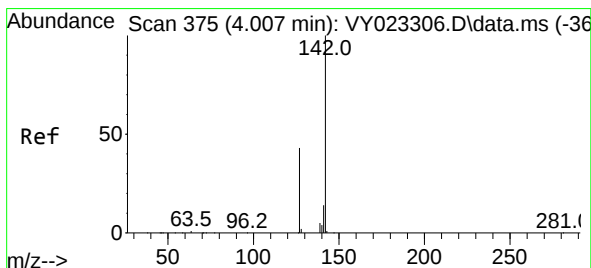
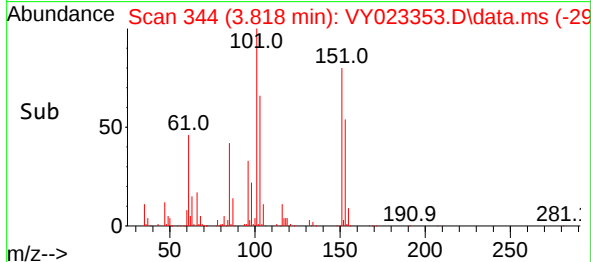
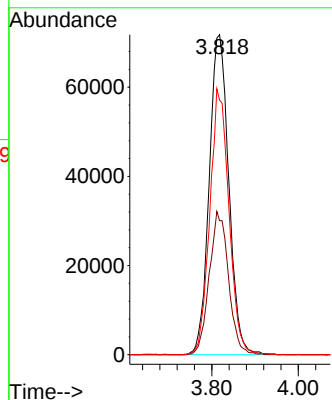
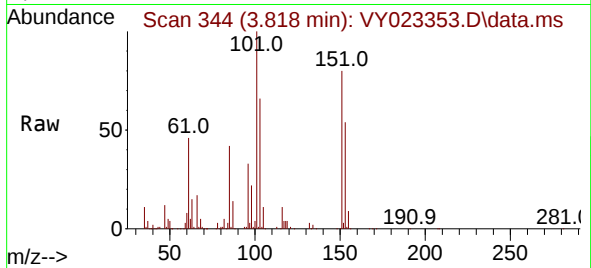




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.268 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

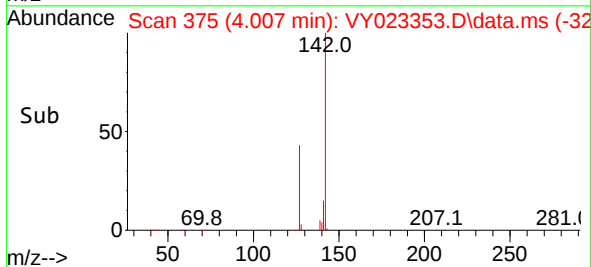
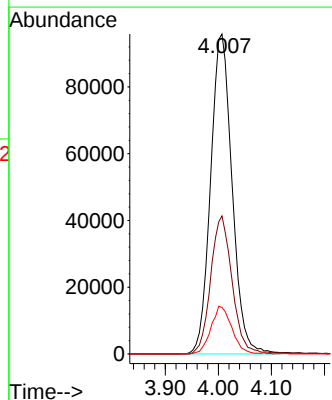
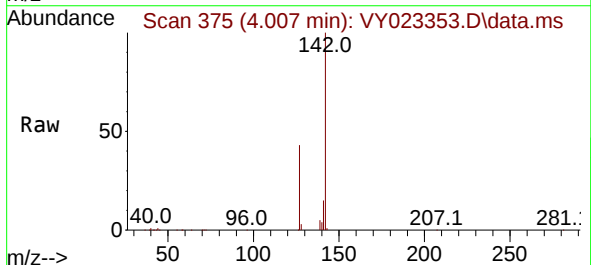
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

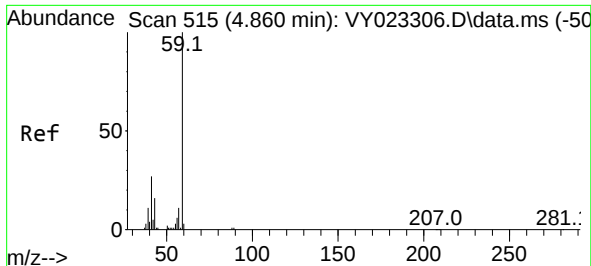
Tgt Ion:101 Resp: 225120
Ion Ratio Lower Upper
101 100
85 44.0 36.3 54.5
151 81.3 61.5 92.3



#10
Methyl Iodide
Concen: 45.445 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:142 Resp: 269590
Ion Ratio Lower Upper
142 100
127 42.9 34.9 52.3
141 14.6 11.3 16.9

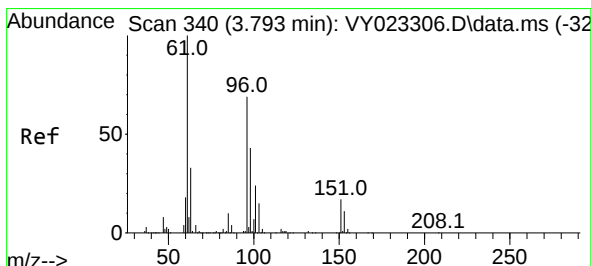
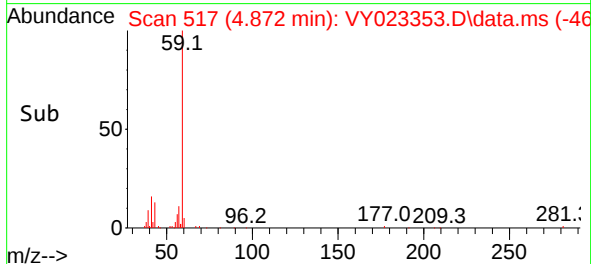
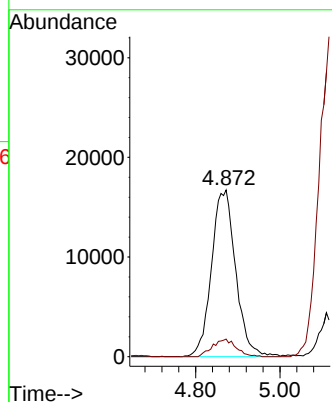
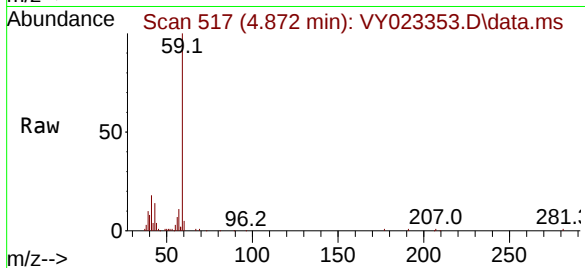




#11
Tert butyl alcohol
Concen: 253.021 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

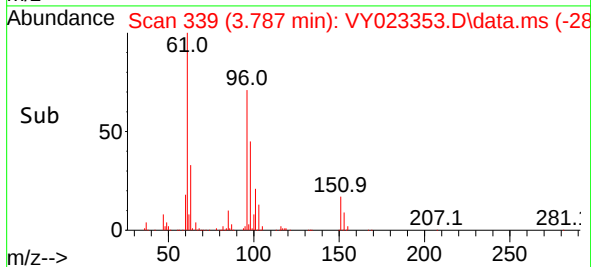
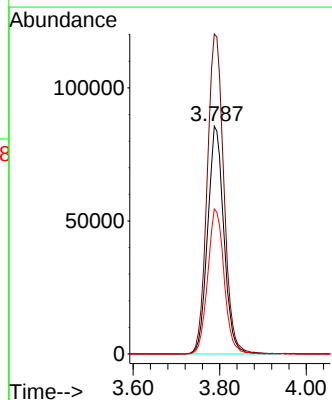
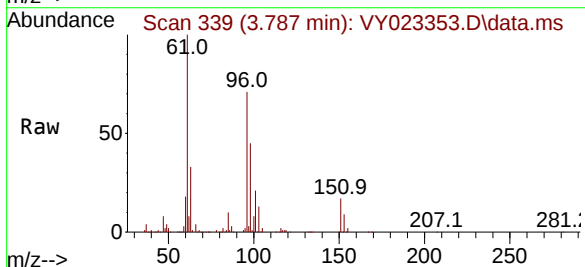
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

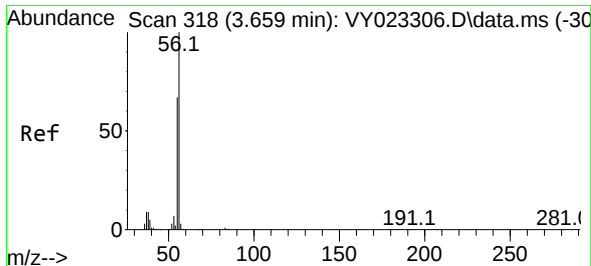
Tgt Ion: 59 Resp: 66550
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.506 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 96 Resp: 222617
Ion Ratio Lower Upper
96 100
61 140.4 129.4 194.2
98 63.6 52.8 79.2

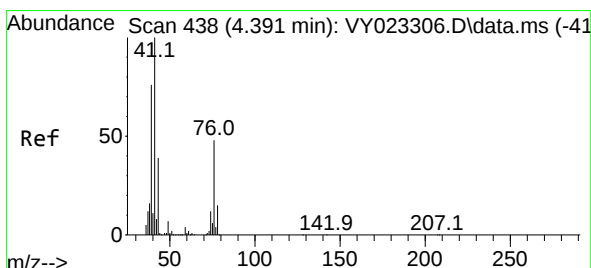
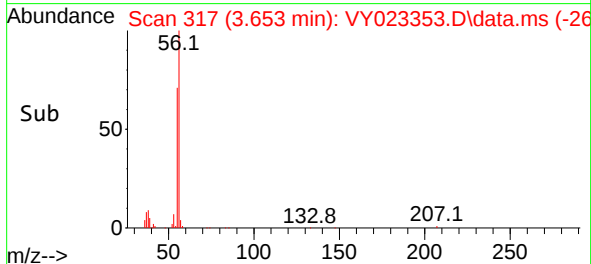
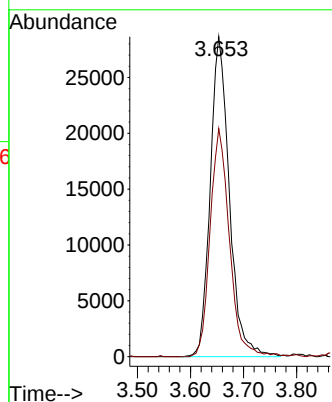
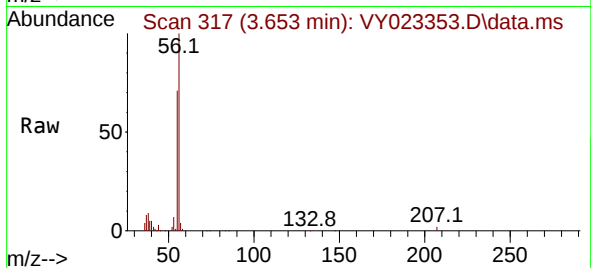




#13
Acrolein
Concen: 161.242 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

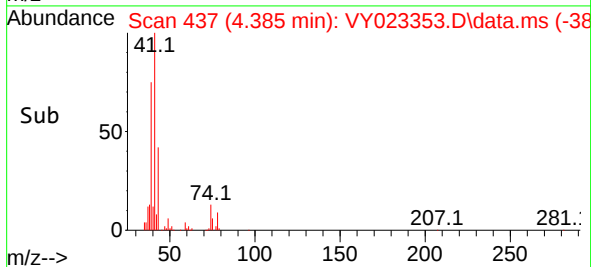
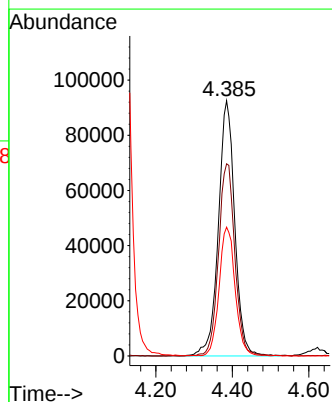
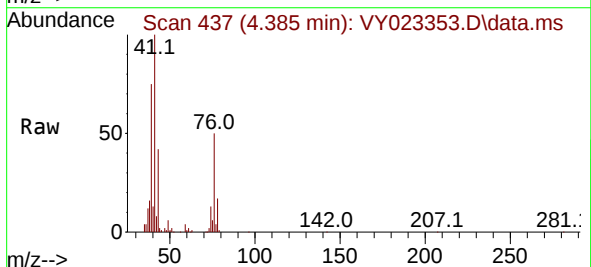
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

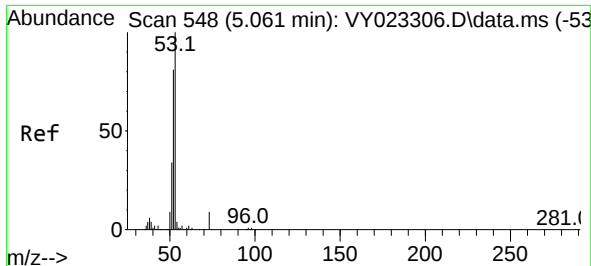
Tgt Ion: 56 Resp: 71698
Ion Ratio Lower Upper
56 100
55 72.0 55.2 82.8



#14
Allyl chloride
Concen: 44.525 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 41 Resp: 275159
Ion Ratio Lower Upper
41 100
39 75.3 59.8 89.6
76 49.2 33.7 50.5

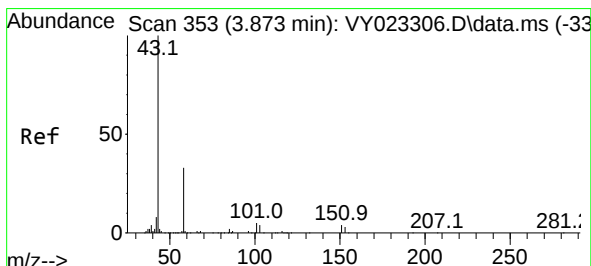
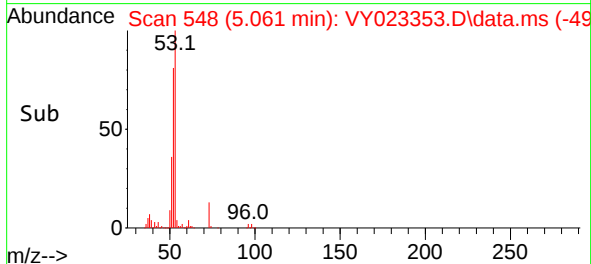
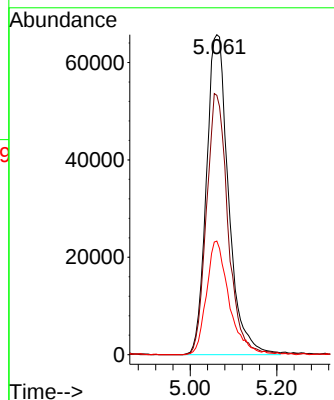
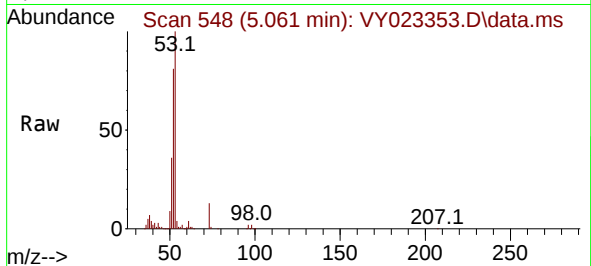




#15
Acrylonitrile
Concen: 237.009 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

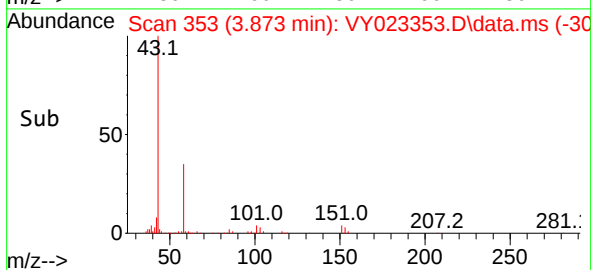
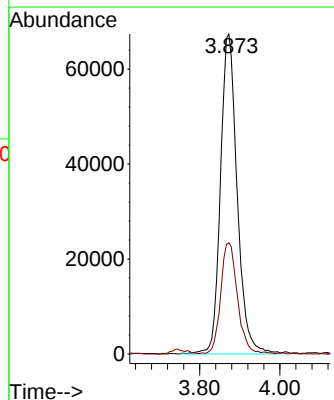
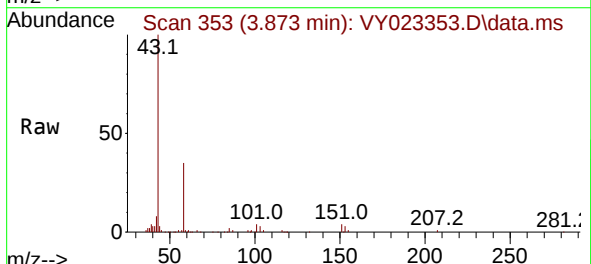
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

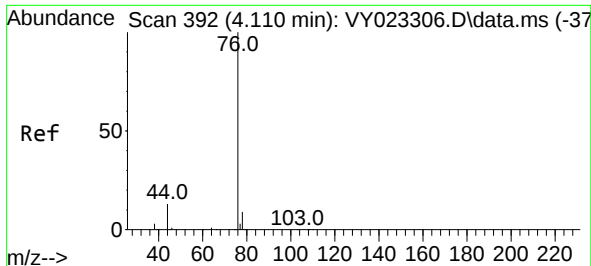
Tgt Ion: 53 Resp: 233448
Ion Ratio Lower Upper
53 100
52 79.5 65.3 97.9
51 36.4 29.5 44.3



#16
Acetone
Concen: 187.790 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 43 Resp: 194714
Ion Ratio Lower Upper
43 100
58 34.5 27.1 40.7

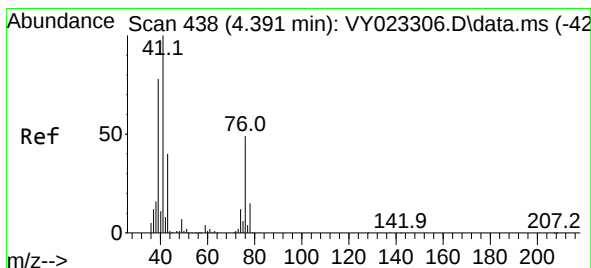
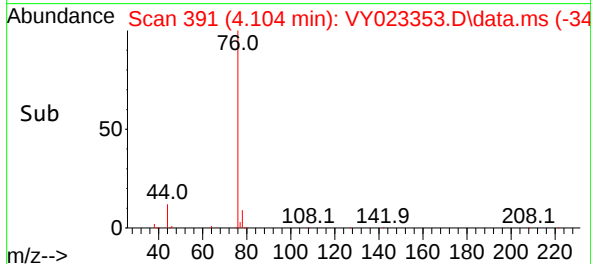
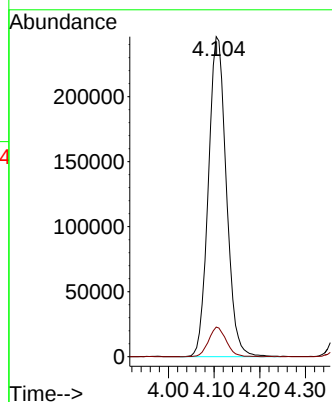
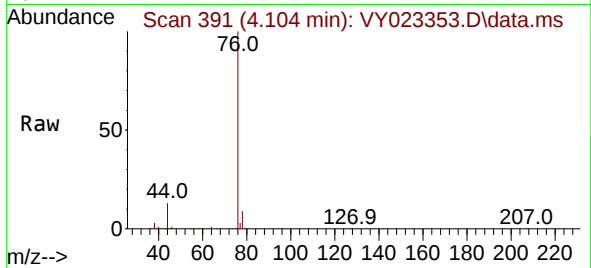




#17
Carbon Disulfide
Concen: 43.355 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

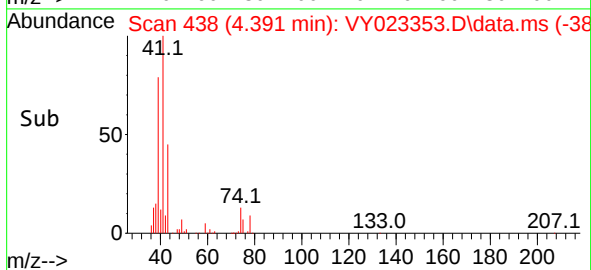
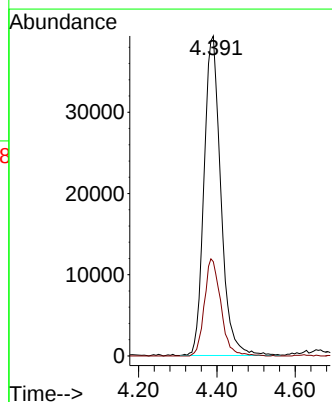
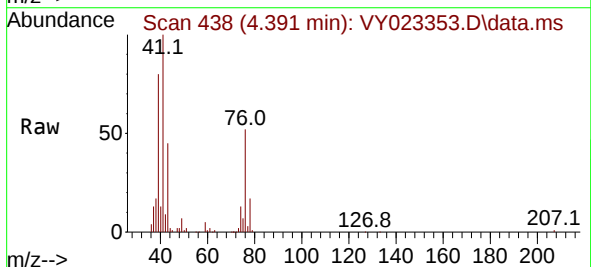
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

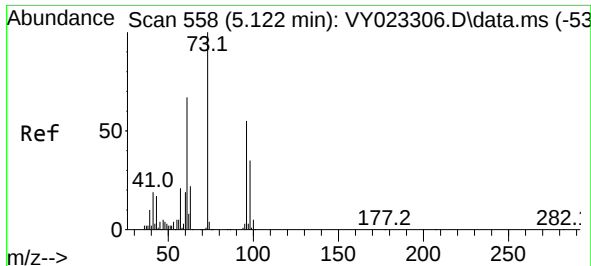
Tgt Ion: 76 Resp: 671495
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 46.108 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 43 Resp: 117274
Ion Ratio Lower Upper
43 100
74 29.8 21.2 31.8

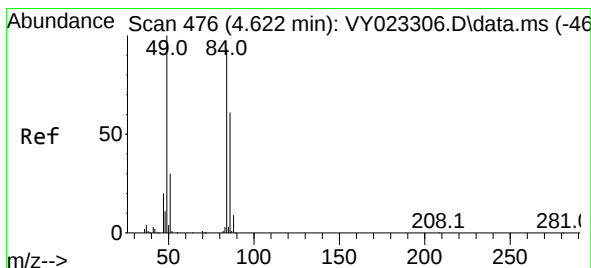
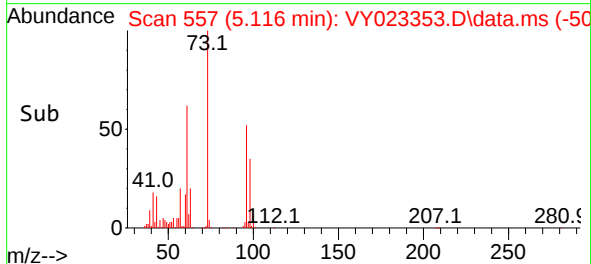
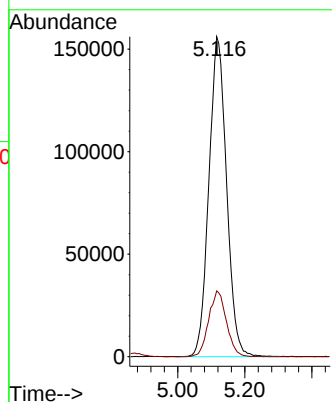
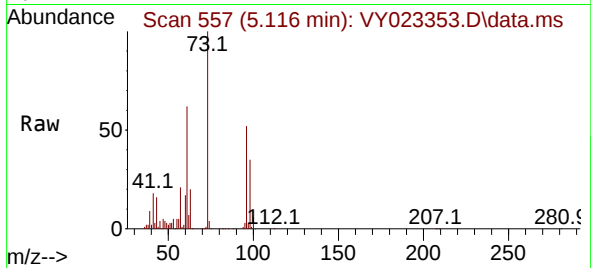




#19
Methyl tert-butyl Ether
Concen: 49.575 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

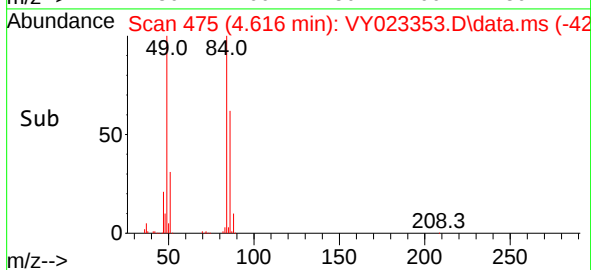
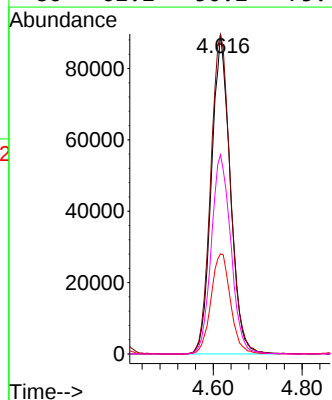
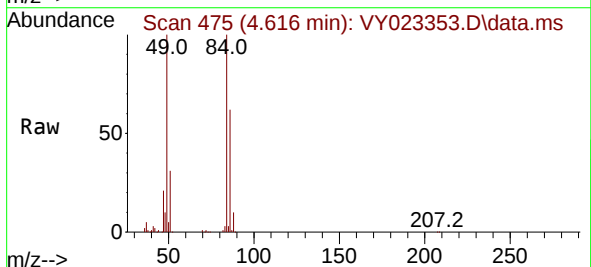
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

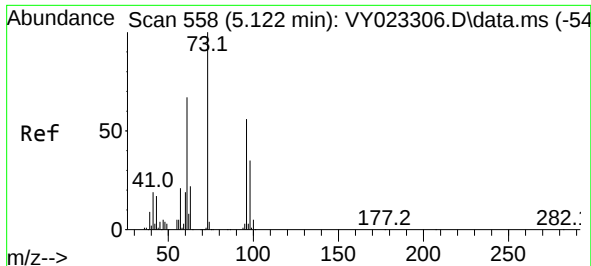
Tgt Ion: 73 Resp: 570255
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7



#20
Methylene Chloride
Concen: 47.422 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 84 Resp: 263067
Ion Ratio Lower Upper
84 100
49 99.8 93.0 139.6
51 31.3 29.0 43.4
86 62.2 50.2 75.4

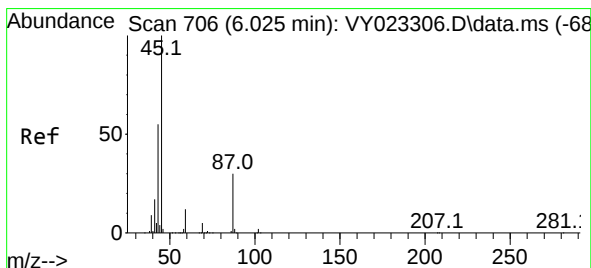
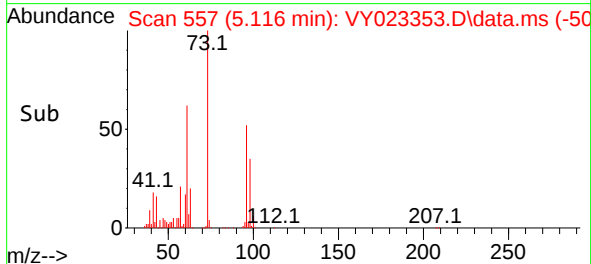
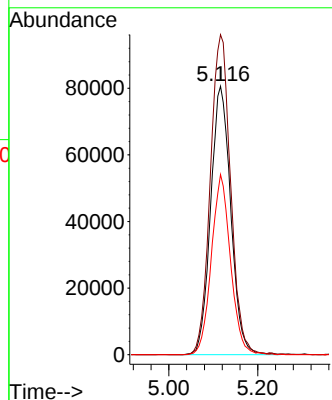
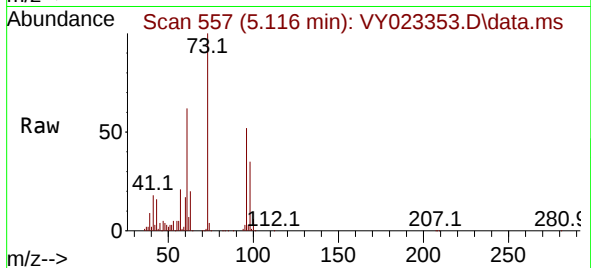




#21
trans-1,2-Dichloroethene
Concen: 46.374 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

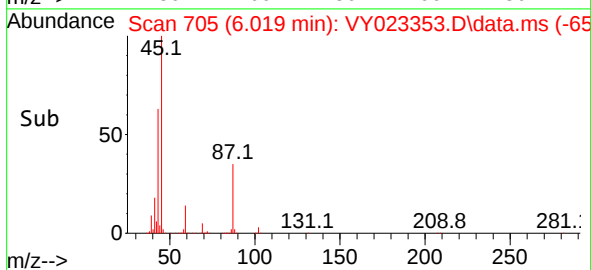
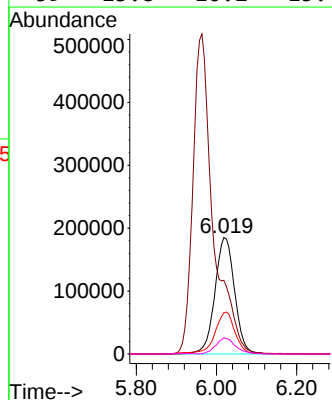
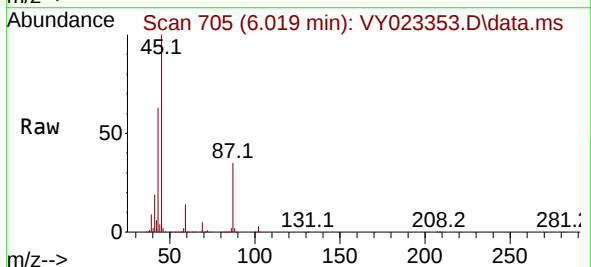
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

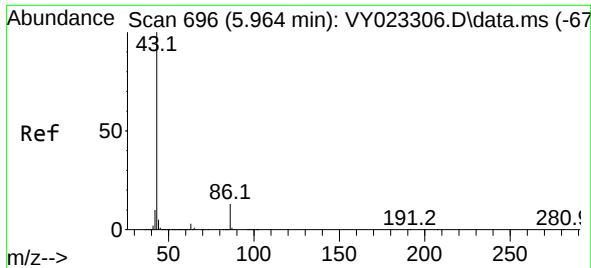
Tgt Ion: 96 Resp: 253478
Ion Ratio Lower Upper
96 100
61 119.2 104.8 157.2
98 67.1 50.1 75.1



#22
Diisopropyl ether
Concen: 45.897 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 45 Resp: 631675
Ion Ratio Lower Upper
45 100
43 62.7 43.4 65.0
87 35.2 24.4 36.6
59 13.8 10.2 15.4

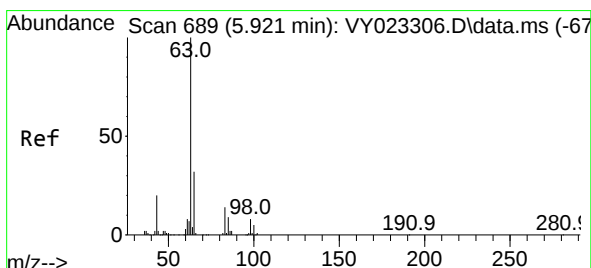
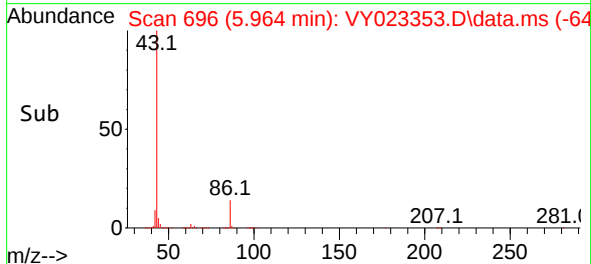
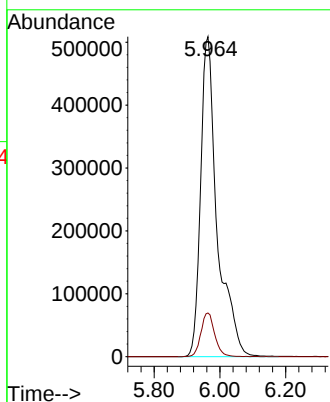
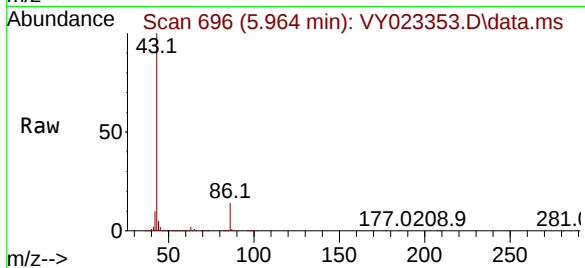




#23
 Vinyl Acetate
 Concen: 234.291 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023353.D
 Acq: 11 Sep 2025 16:59

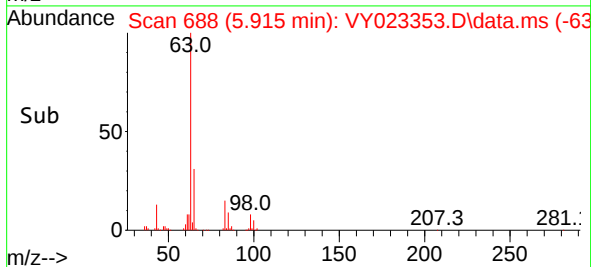
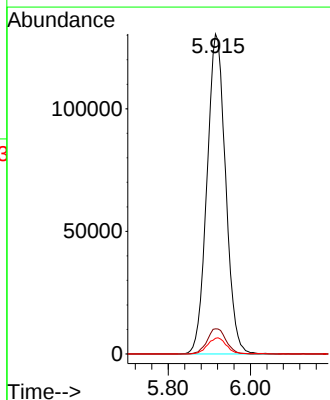
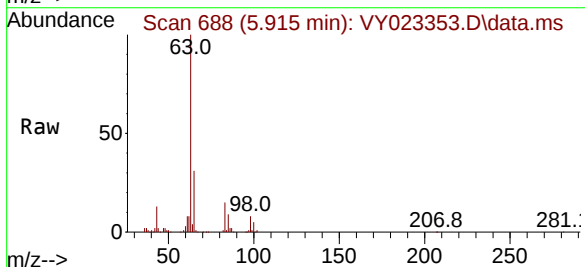
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

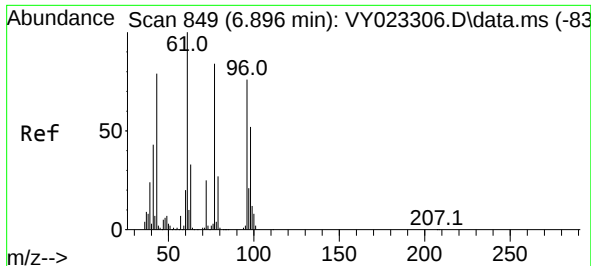
Tgt Ion: 43 Resp: 1782619
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 45.588 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023353.D
 Acq: 11 Sep 2025 16:59

Tgt Ion: 63 Resp: 410376
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 216.400 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

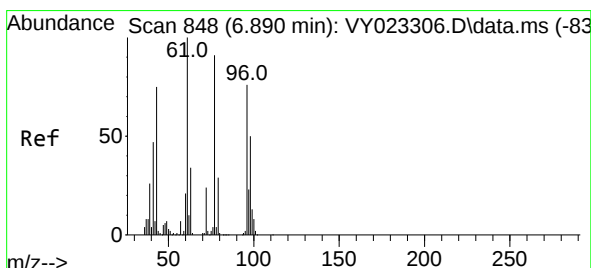
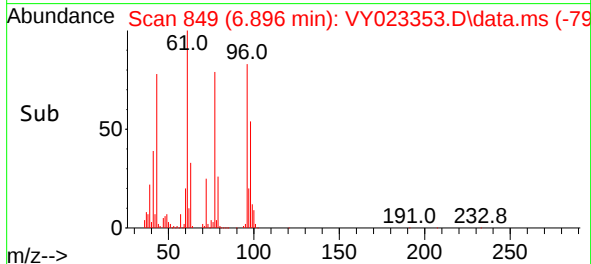
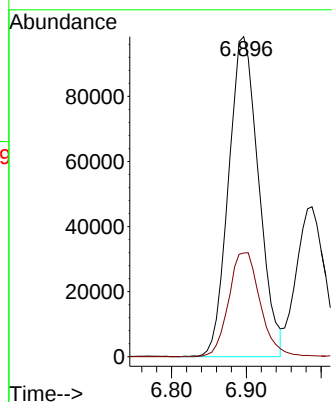
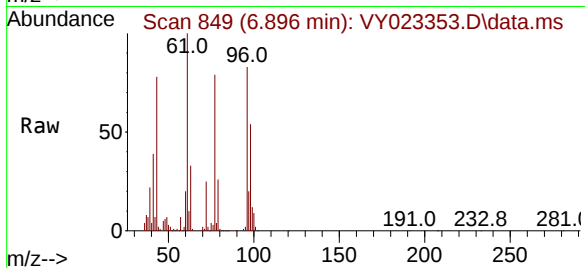
VSTDCCC050EC

Tgt Ion: 43 Resp: 276160

Ion Ratio Lower Upper

43 100

72 32.4 23.5 35.3



#26

2,2-Dichloropropane

Concen: 44.112 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023353.D

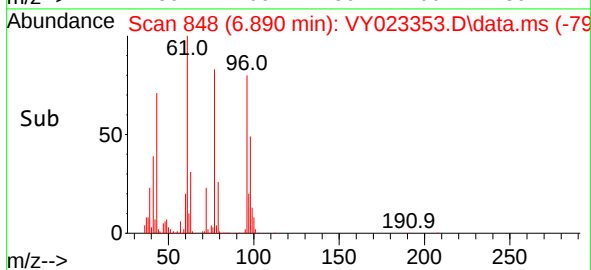
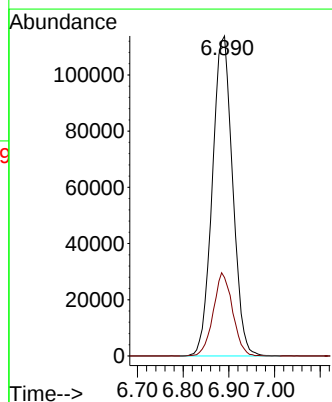
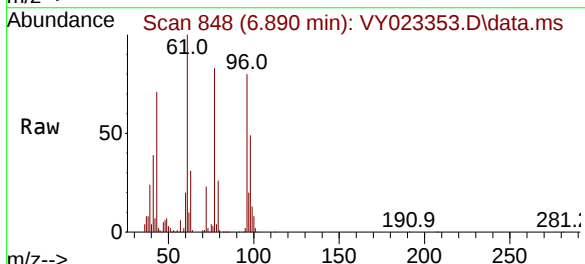
Acq: 11 Sep 2025 16:59

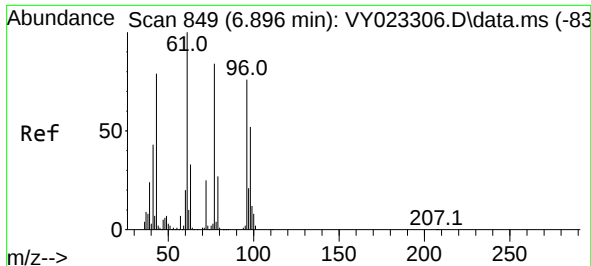
Tgt Ion: 77 Resp: 350614

Ion Ratio Lower Upper

77 100

97 24.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.030 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

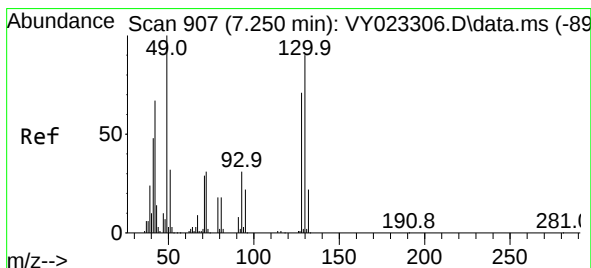
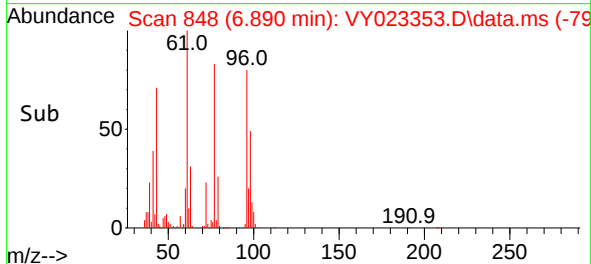
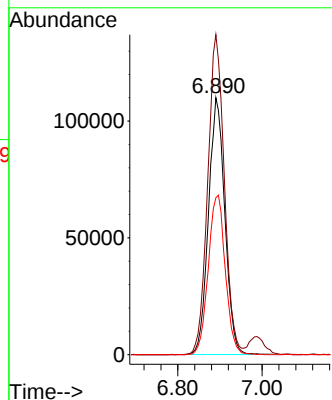
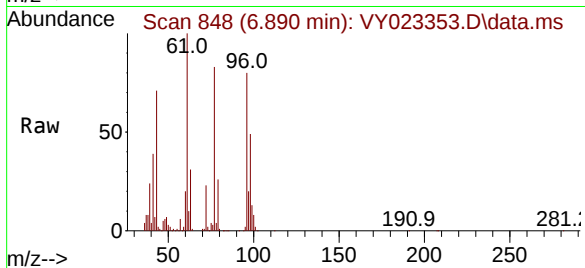
Tgt Ion: 96 Resp: 297295

Ion Ratio Lower Upper

96 100

61 126.1 0.0 278.6

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 45.083 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

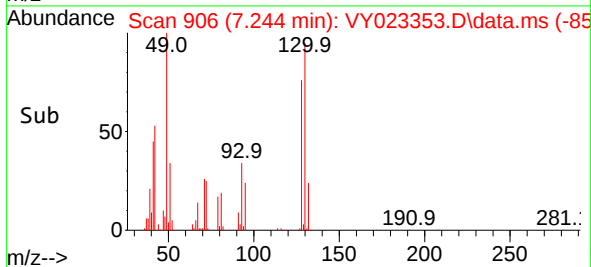
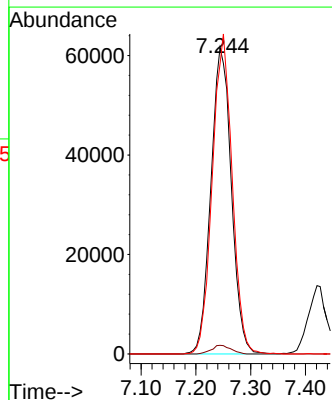
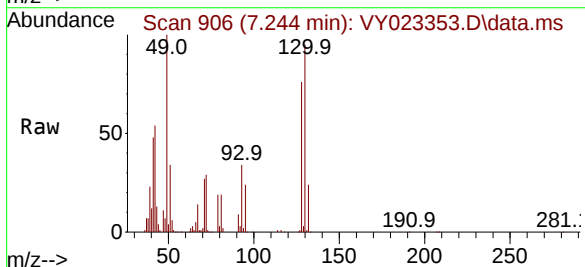
Tgt Ion: 49 Resp: 159689

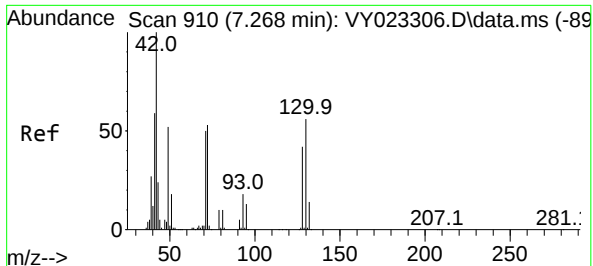
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 101.1 66.4 99.6#





#29

Tetrahydrofuran

Concen: 234.790 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

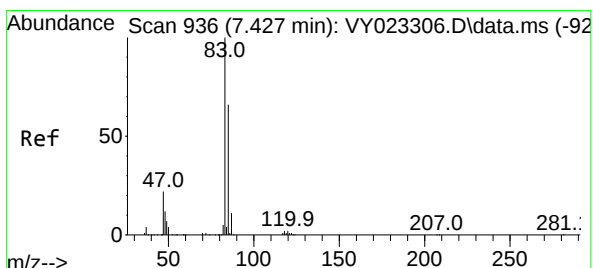
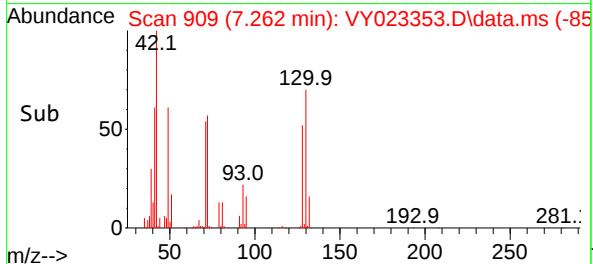
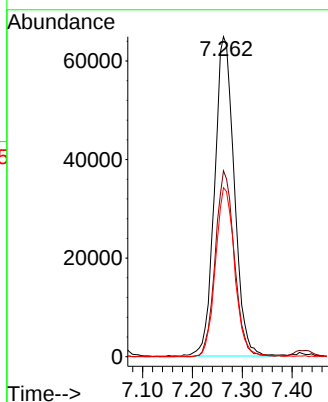
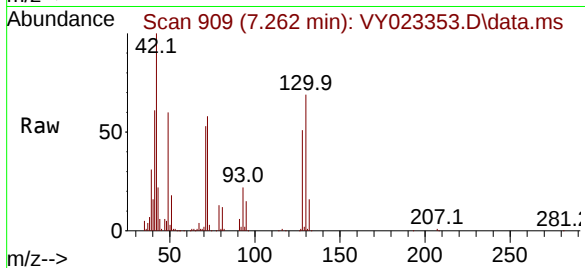
Tgt Ion: 42 Resp: 177723

Ion Ratio Lower Upper

42 100

72 56.5 39.4 59.2

71 51.8 36.5 54.7



#30

Chloroform

Concen: 46.863 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023353.D

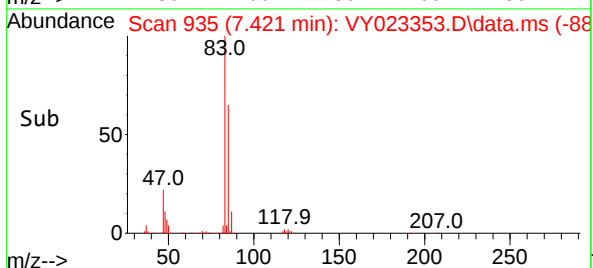
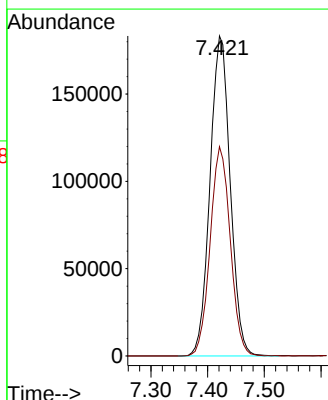
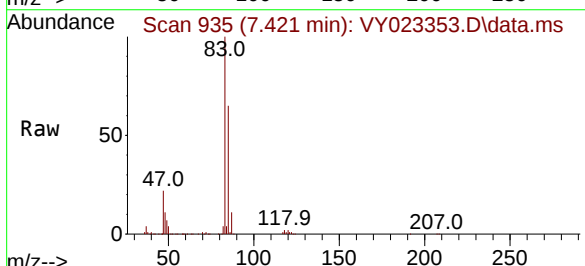
Acq: 11 Sep 2025 16:59

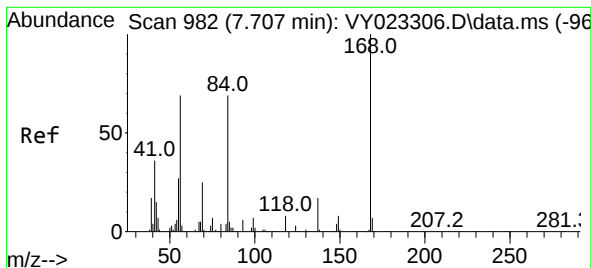
Tgt Ion: 83 Resp: 453268

Ion Ratio Lower Upper

83 100

85 65.4 53.8 80.8





#31

Cyclohexane

Concen: 42.698 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

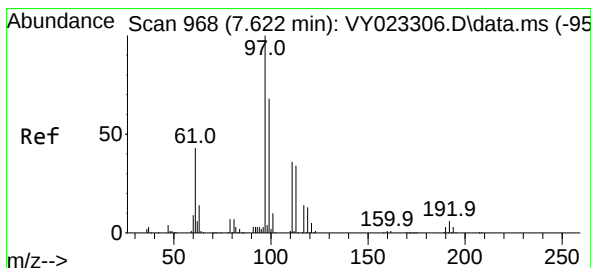
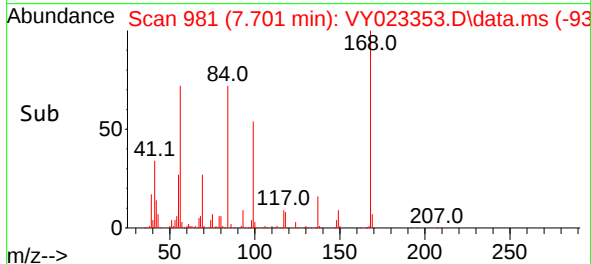
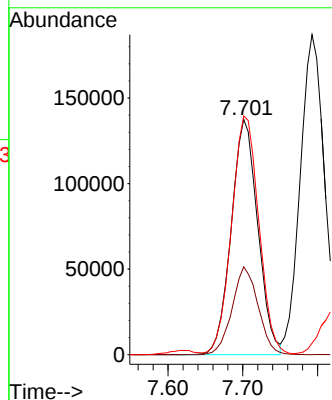
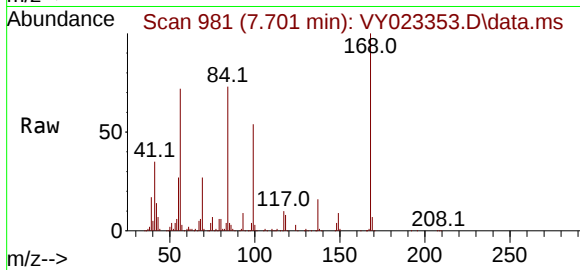
Tgt Ion: 56 Resp: 340125

Ion Ratio Lower Upper

56 100

69 37.3 28.2 42.2

84 99.6 76.6 114.8



#32

1,1,1-Trichloroethane

Concen: 46.632 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

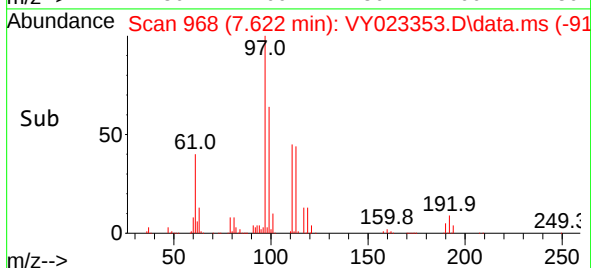
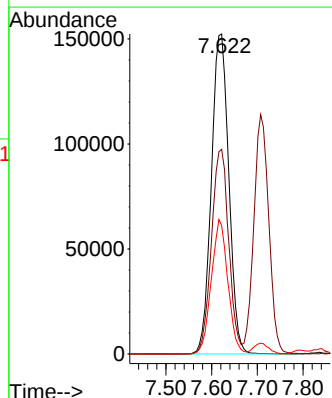
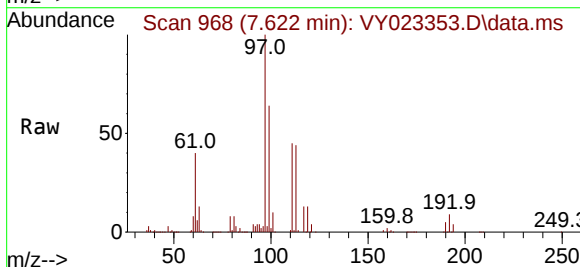
Tgt Ion: 97 Resp: 402968

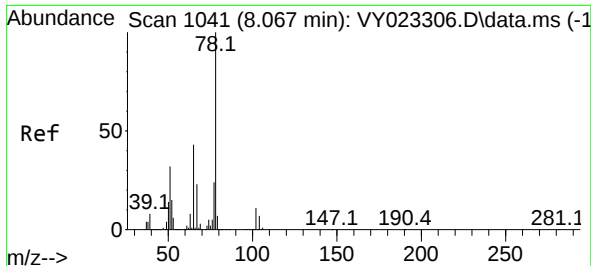
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 40.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.700 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

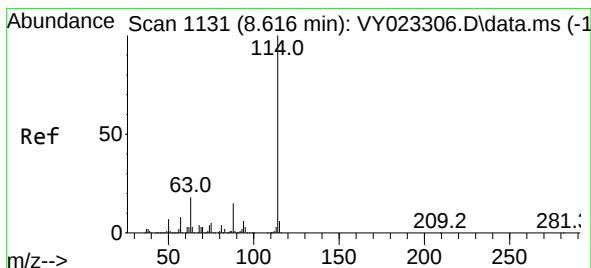
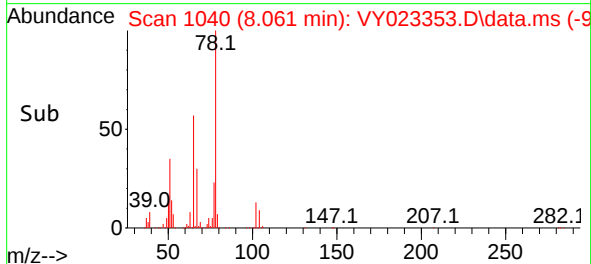
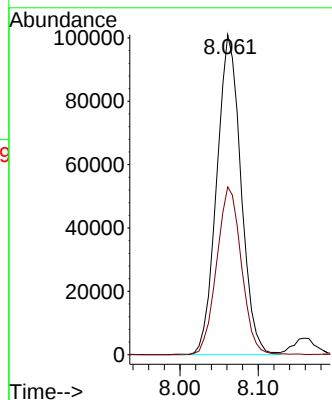
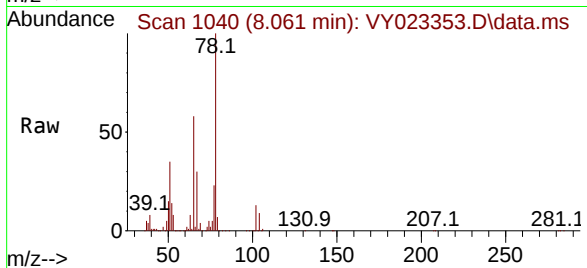
VSTDCCC050EC

Tgt Ion: 65 Resp: 217131

Ion Ratio Lower Upper

65 100

67 53.5 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: VY023353.D

Acq: 11 Sep 2025 16:59

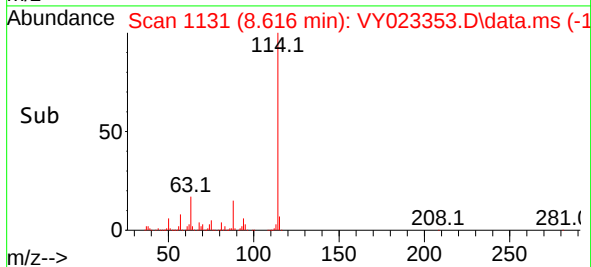
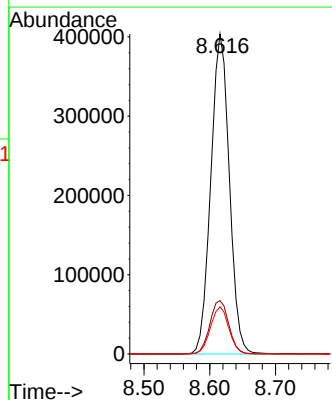
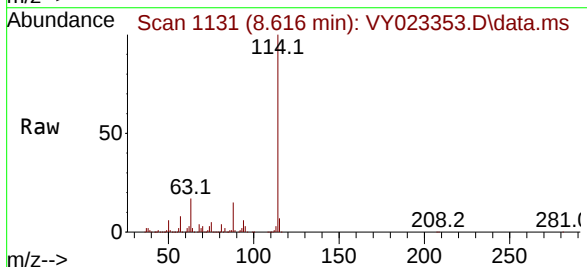
Tgt Ion: 114 Resp: 790791

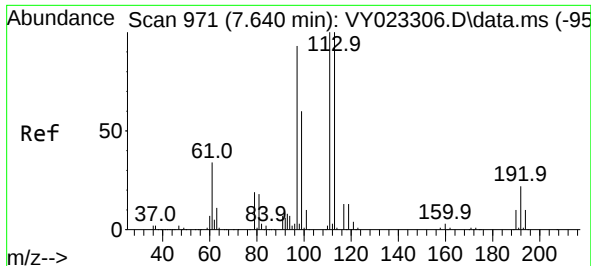
Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.4

88 14.8 0.0 30.0

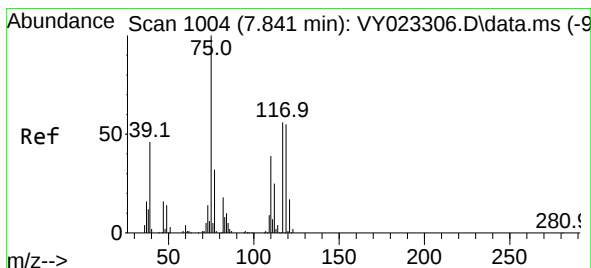
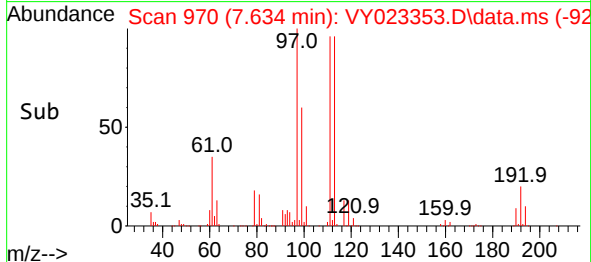
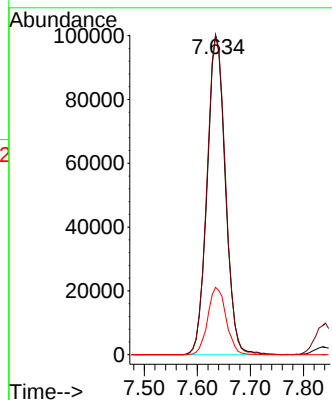
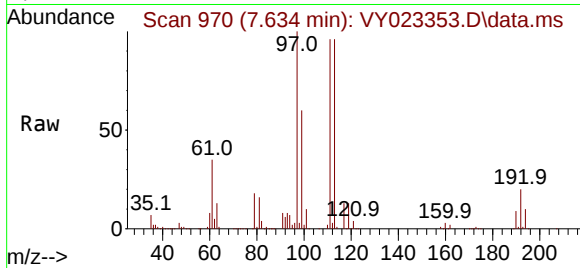




#35
Dibromofluoromethane
Concen: 49.261 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

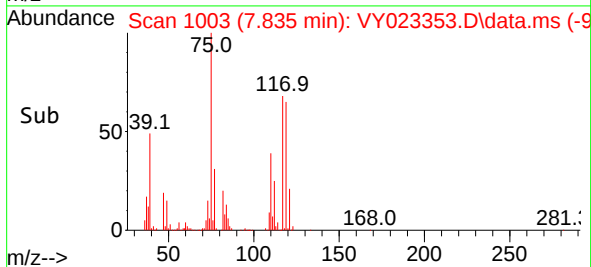
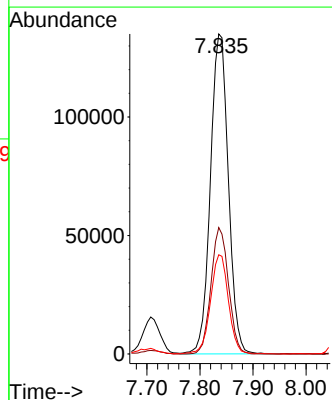
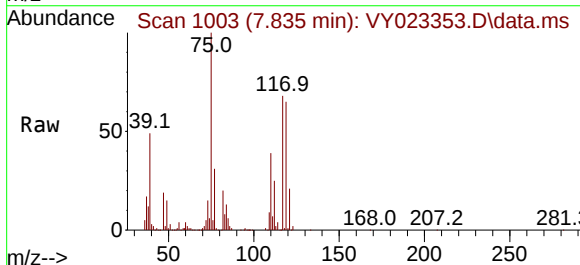
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

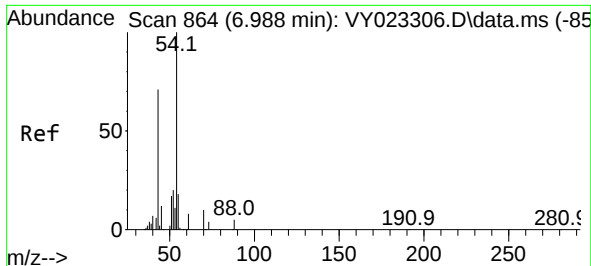
Tgt Ion:113 Resp: 238117
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 21.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 46.039 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 75 Resp: 316964
Ion Ratio Lower Upper
75 100
110 38.6 18.1 54.4
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 47.363 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

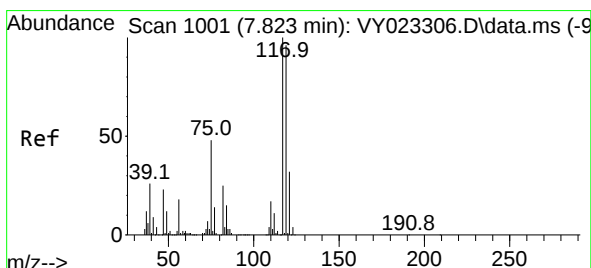
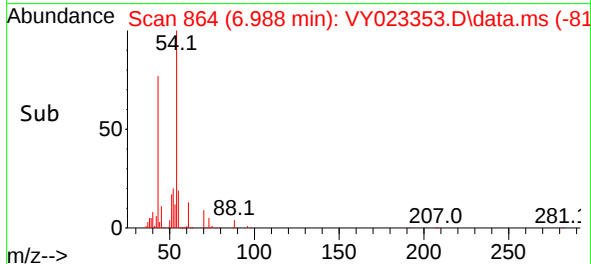
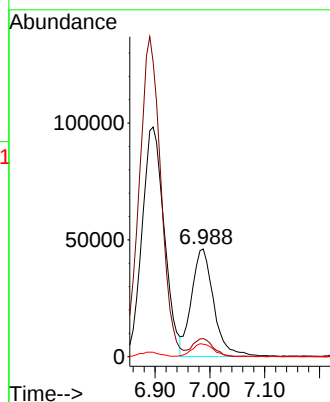
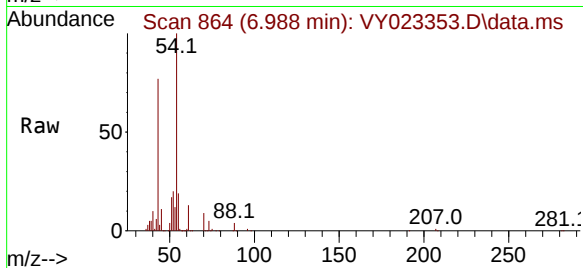
Tgt Ion: 43 Resp: 129714

Ion Ratio Lower Upper

43 100

61 15.4 11.9 17.9

70 11.6 8.8 13.2



#38

Carbon Tetrachloride

Concen: 45.993 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

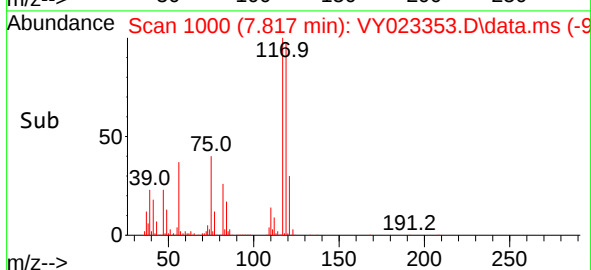
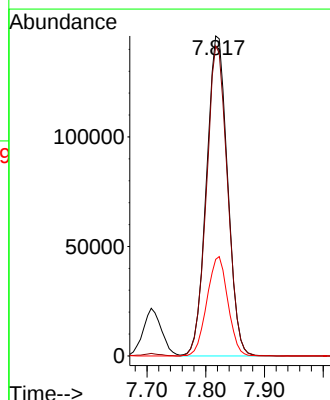
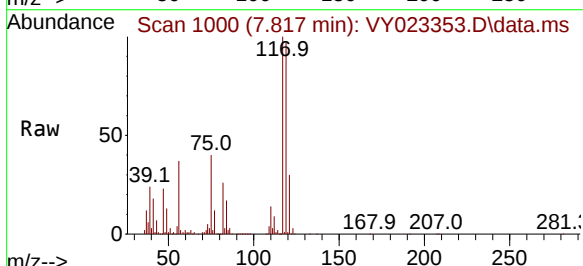
Tgt Ion: 117 Resp: 364350

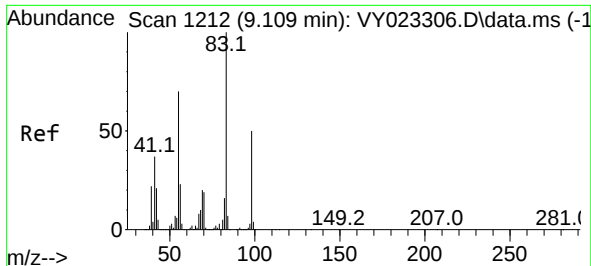
Ion Ratio Lower Upper

117 100

119 96.9 75.6 113.4

121 30.2 25.8 38.8





#39

Methylcyclohexane

Concen: 47.181 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

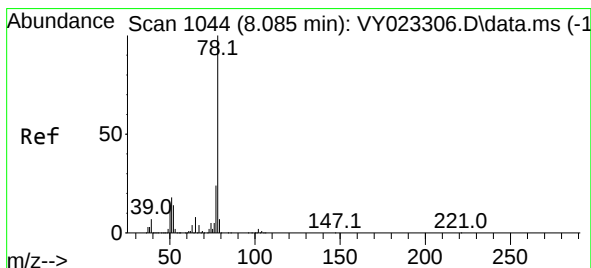
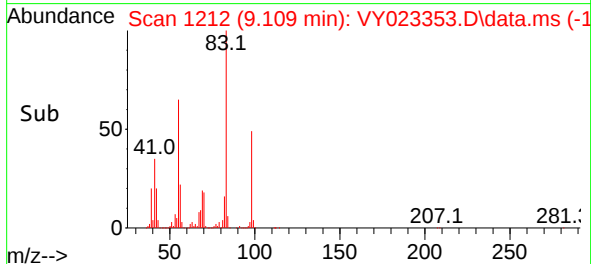
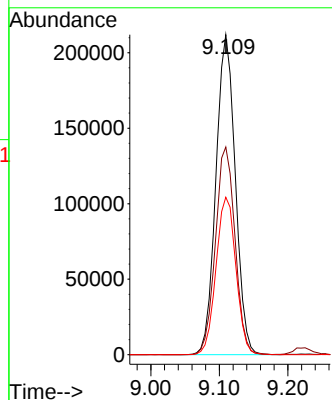
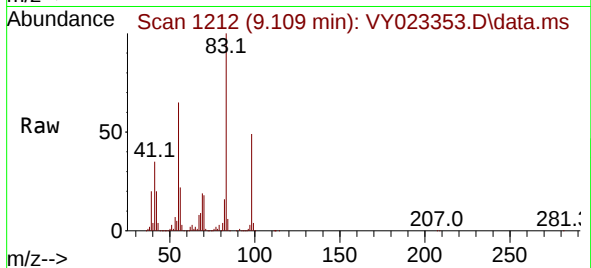
Tgt Ion: 83 Resp: 415553

Ion Ratio Lower Upper

83 100

55 64.9 57.6 86.4

98 49.2 39.2 58.8



#40

Benzene

Concen: 46.657 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023353.D

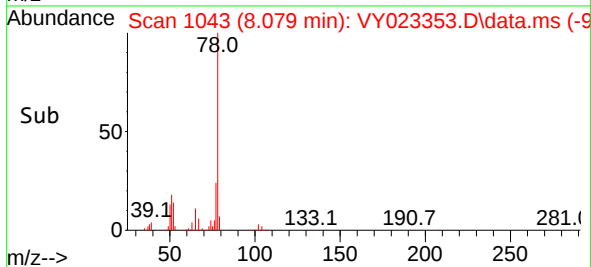
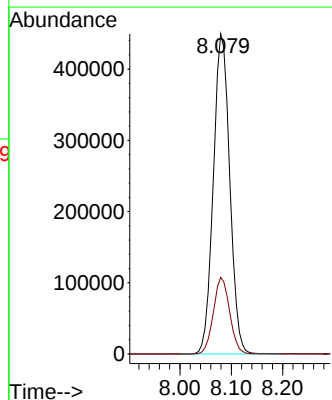
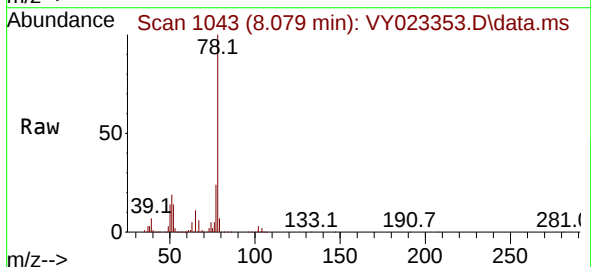
Acq: 11 Sep 2025 16:59

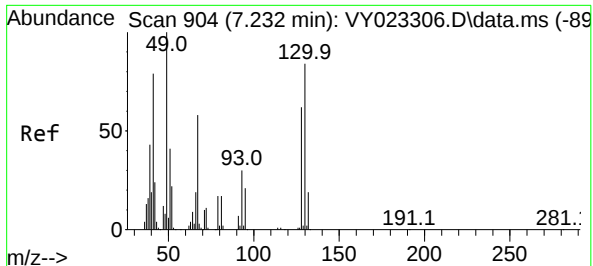
Tgt Ion: 78 Resp: 998446

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0



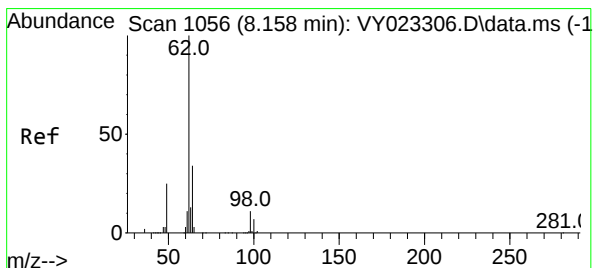
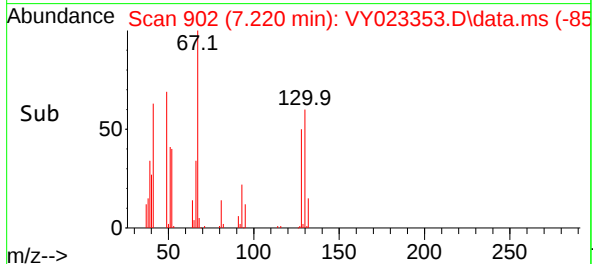
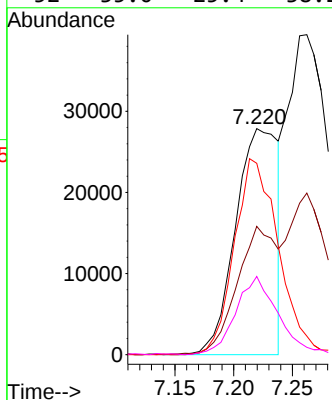
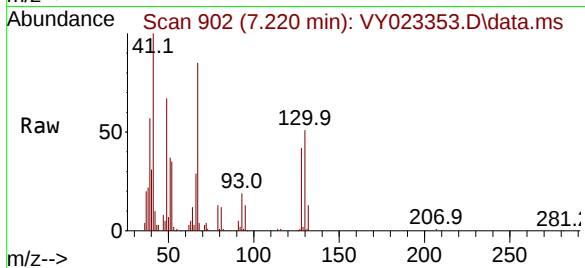


#41
Methacrylonitrile
Concen: 49.356 ug/l
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 70000

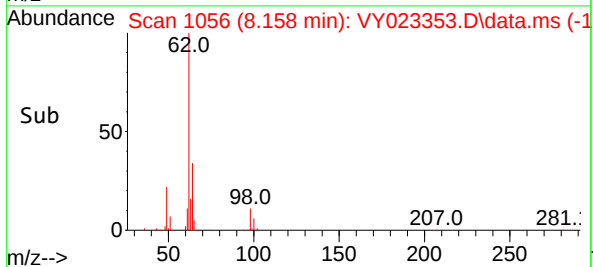
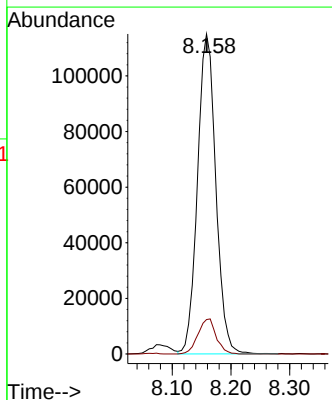
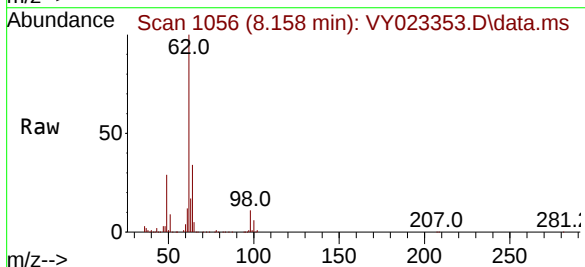
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.4	65.2
67	91.0	63.6	95.4
52	35.0	25.4	38.2

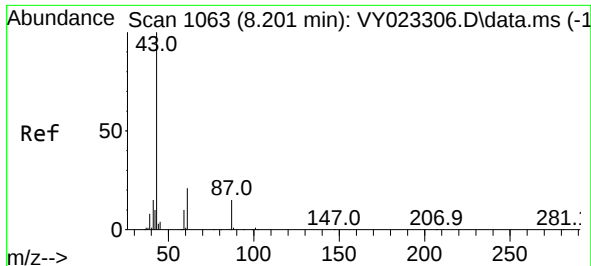


#42
1,2-Dichloroethane
Concen: 45.705 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 62 Resp: 249020

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6

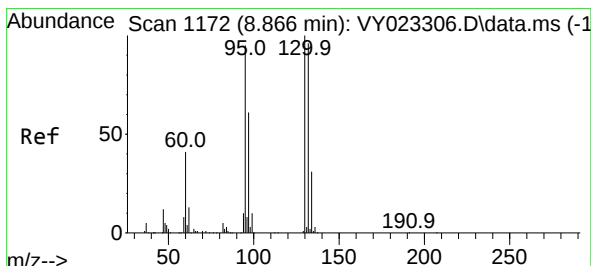
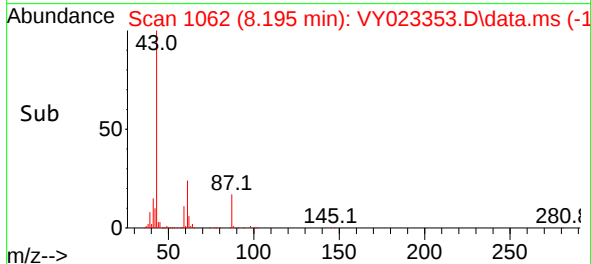
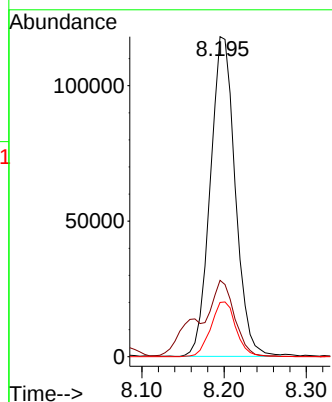
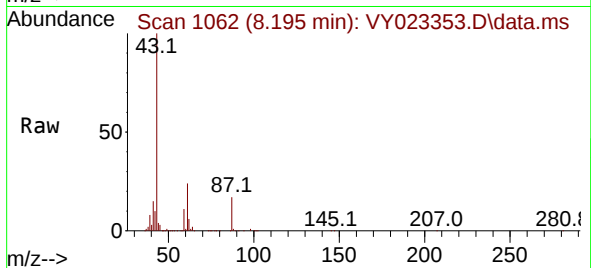




#43
Isopropyl Acetate
Concen: 46.639 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

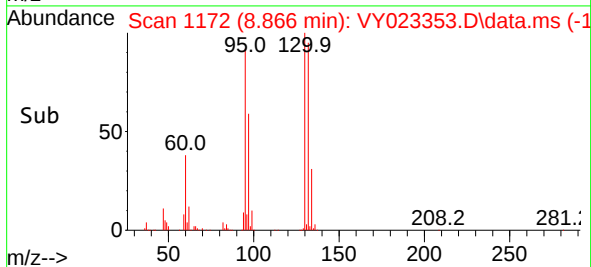
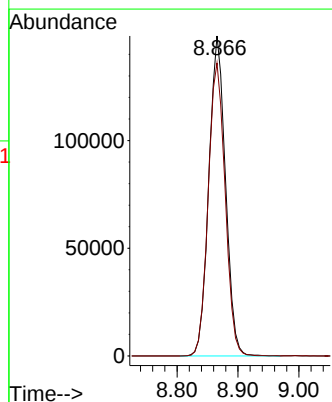
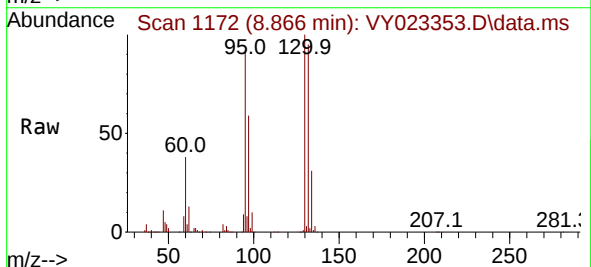
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

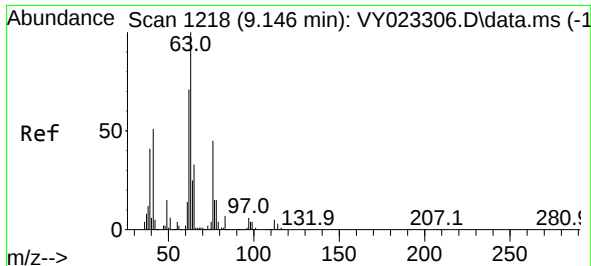
Tgt Ion: 43 Resp: 248437
Ion Ratio Lower Upper
43 100
61 23.5 16.4 24.6
87 17.4 11.8 17.6



#44
Trichloroethene
Concen: 47.307 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:130 Resp: 281974
Ion Ratio Lower Upper
130 100
95 91.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 46.156 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

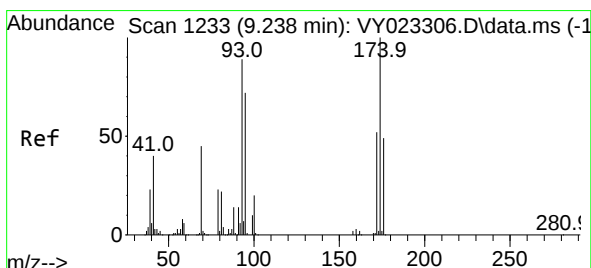
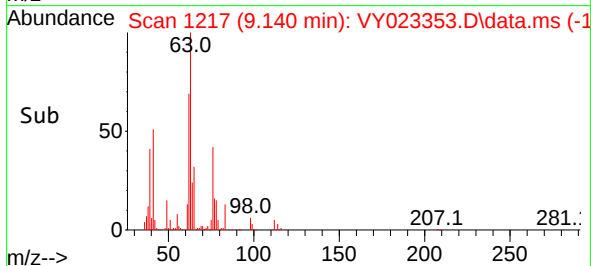
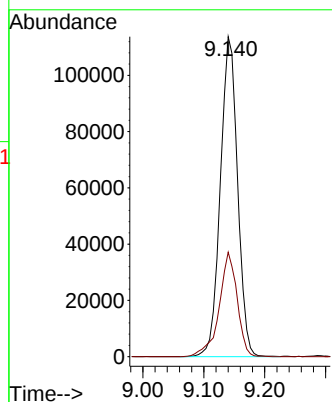
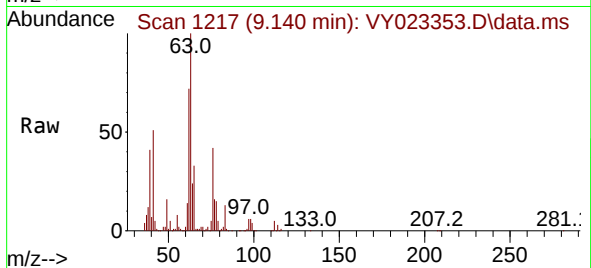
VSTDCCC050EC

Tgt Ion: 63 Resp: 223069

Ion Ratio Lower Upper

63 100

65 32.6 25.3 37.9



#46

Dibromomethane

Concen: 48.459 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

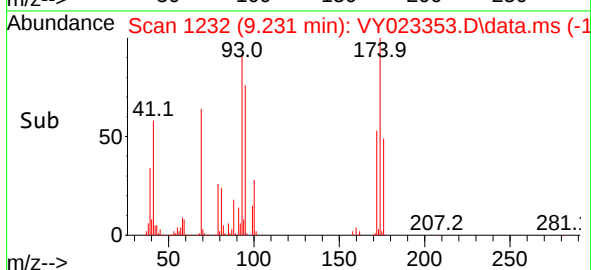
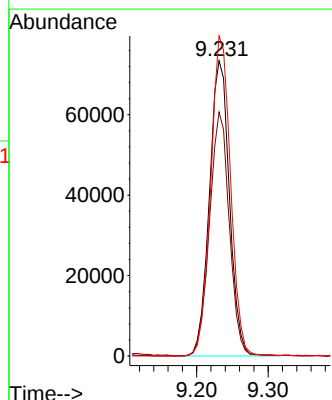
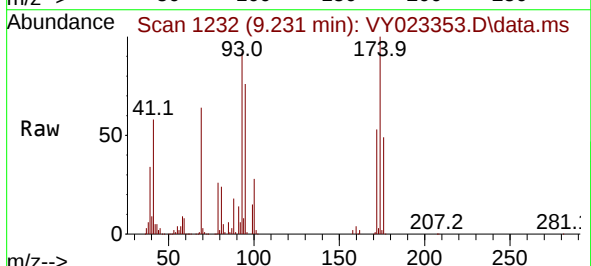
Tgt Ion: 93 Resp: 142627

Ion Ratio Lower Upper

93 100

95 81.8 66.5 99.7

174 107.5 81.8 122.8

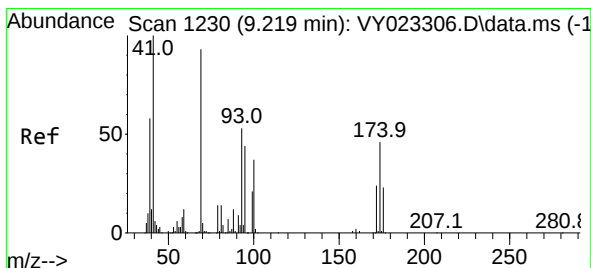
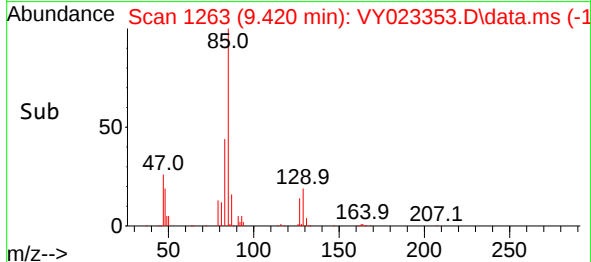
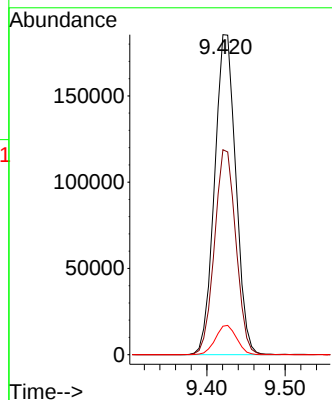
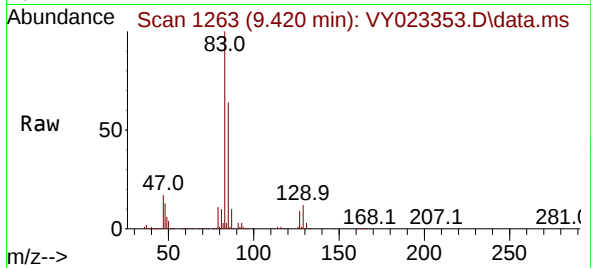




#47
Bromodichloromethane
Concen: 47.272 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

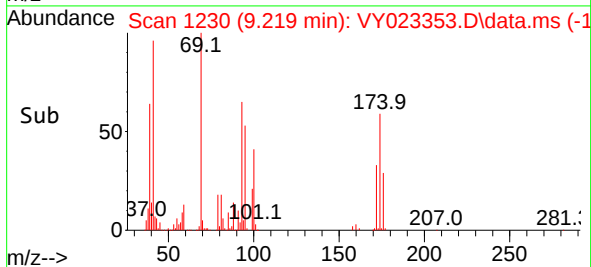
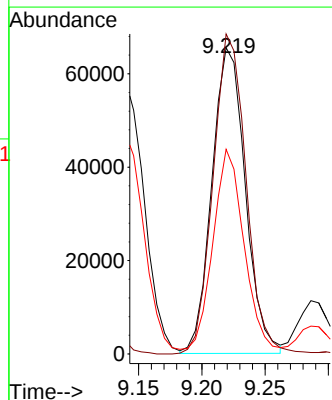
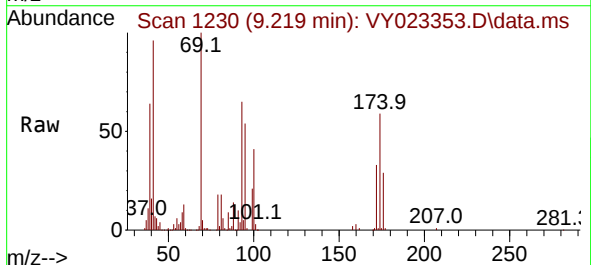
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

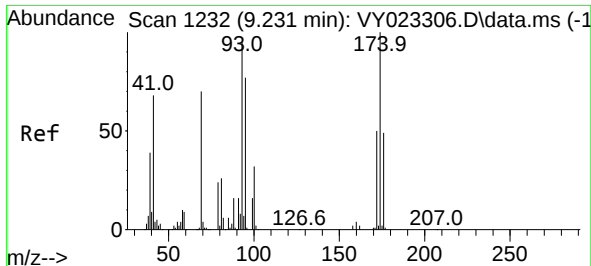
Tgt Ion: 83 Resp: 350026
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 48.505 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 41 Resp: 120430
Ion Ratio Lower Upper
41 100
69 103.6 73.2 109.8
39 60.1 47.0 70.4

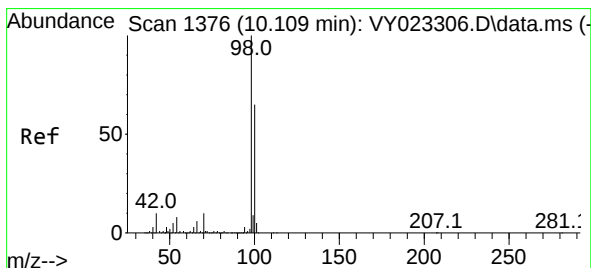
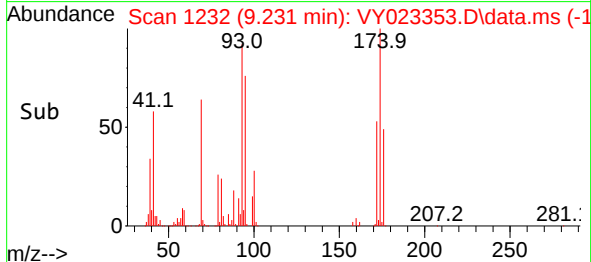
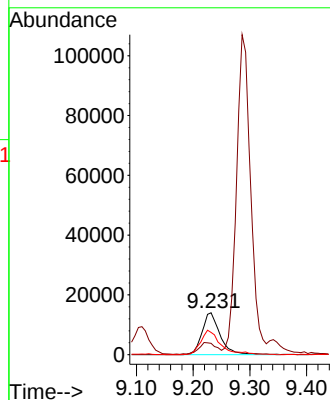
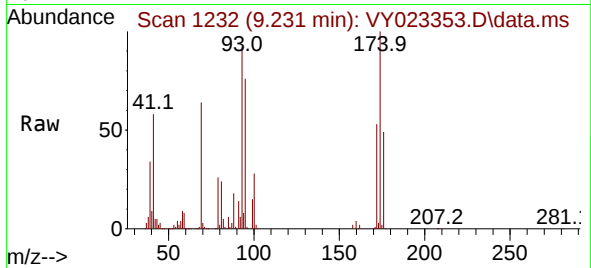




#49
1,4-Dioxane
Concen: 1040.333 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

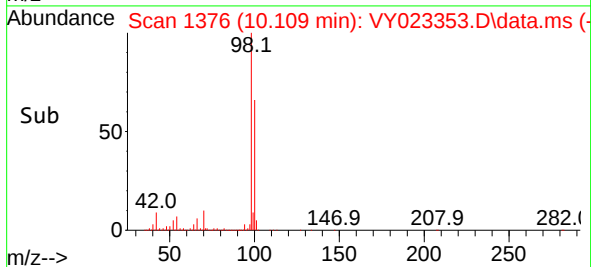
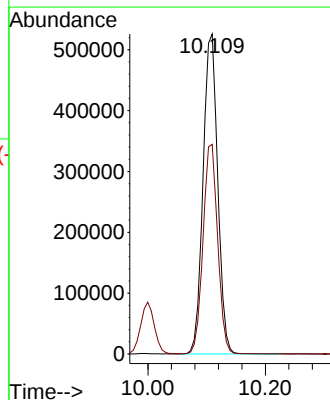
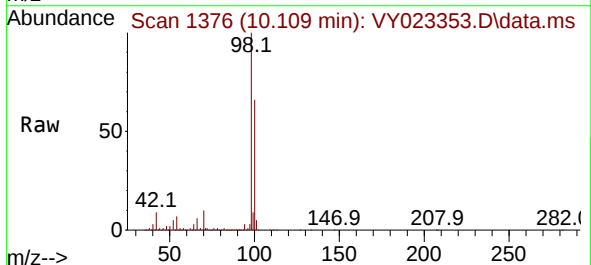
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

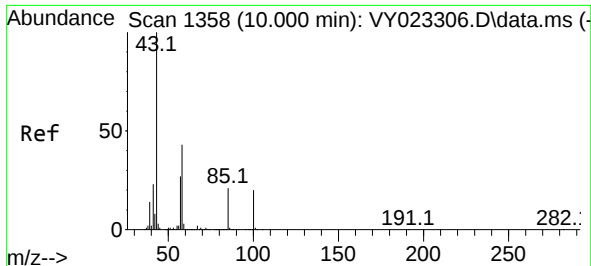
Tgt Ion: 88 Resp: 31082
Ion Ratio Lower Upper
88 100
43 27.4 24.3 36.5
58 63.9 55.4 83.0



#50
Toluene-d8
Concen: 49.968 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 98 Resp: 912060
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

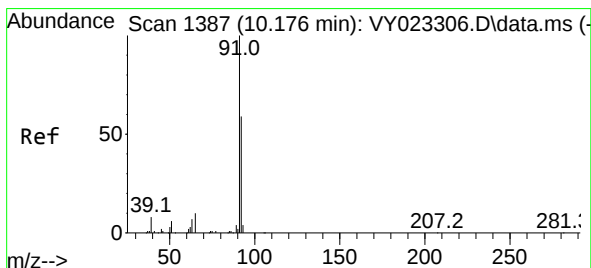
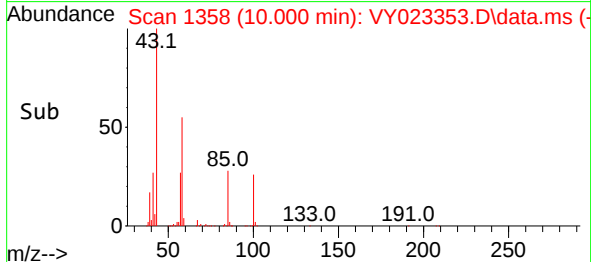
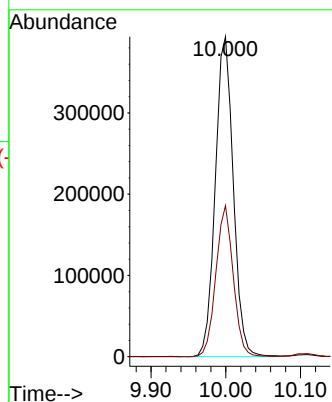
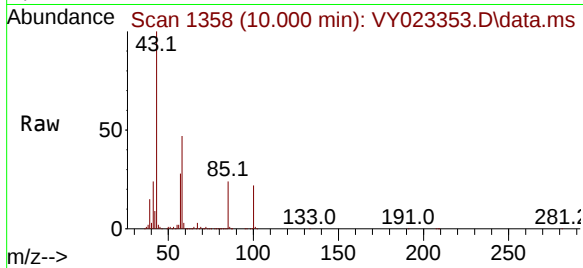




#51
4-Methyl-2-Pentanone
Concen: 241.728 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

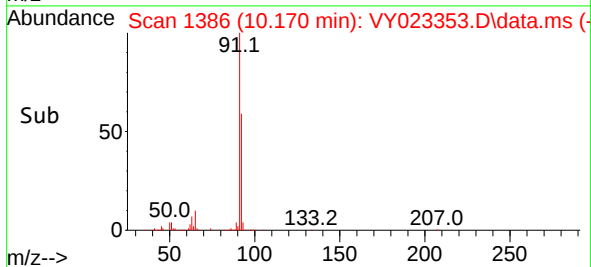
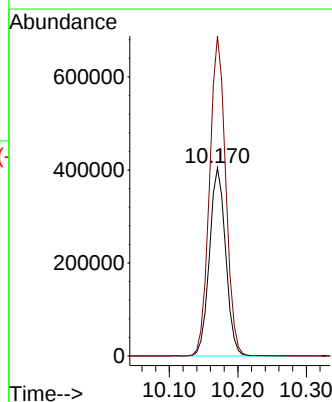
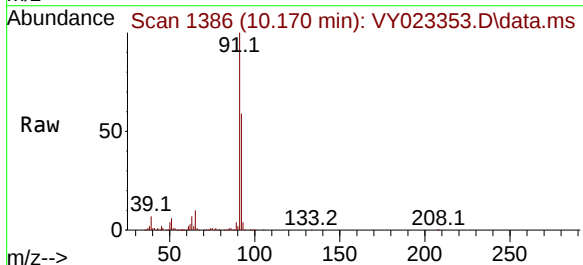
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

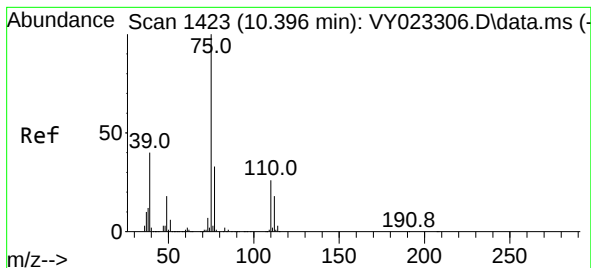
Tgt Ion: 43 Resp: 658753
Ion Ratio Lower Upper
43 100
58 45.6 33.5 50.3



#52
Toluene
Concen: 48.892 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 92 Resp: 663973
Ion Ratio Lower Upper
92 100
91 170.4 136.4 204.6

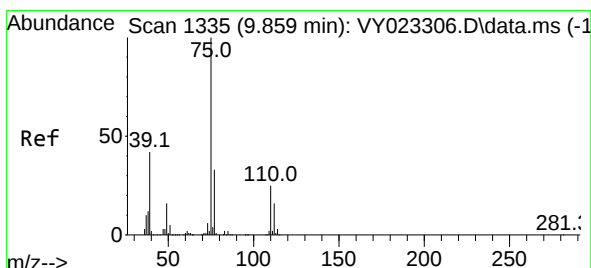
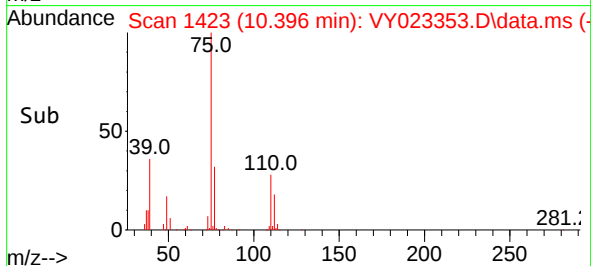
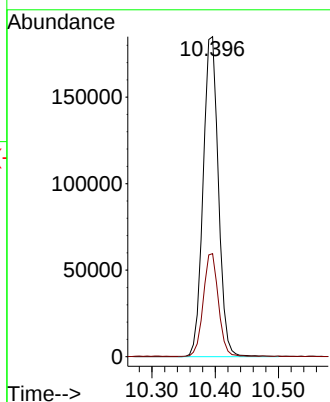
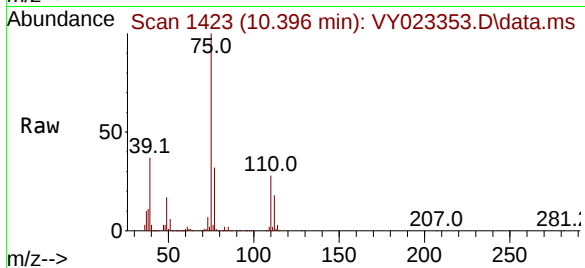




#53
 t-1,3-Dichloropropene
 Concen: 48.905 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023353.D
 Acq: 11 Sep 2025 16:59

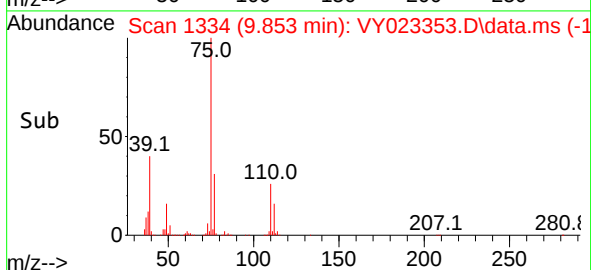
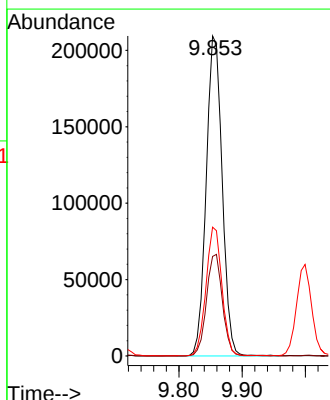
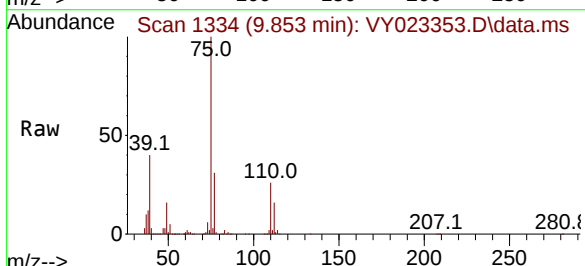
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

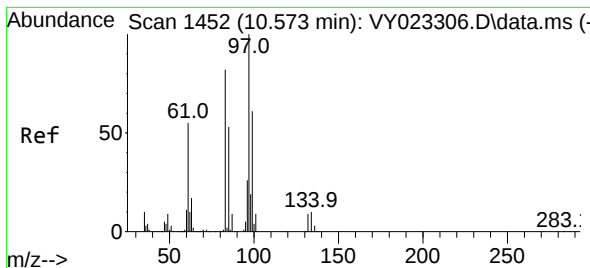
Tgt Ion: 75 Resp: 311767
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.316 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023353.D
 Acq: 11 Sep 2025 16:59

Tgt Ion: 75 Resp: 368047
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 40.2 35.6 53.4

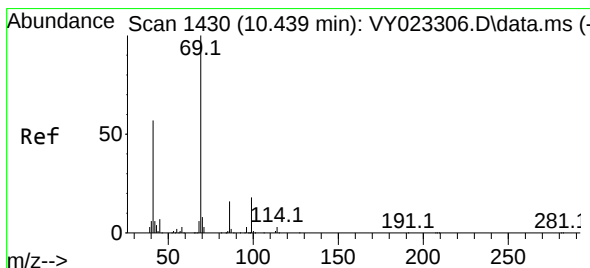
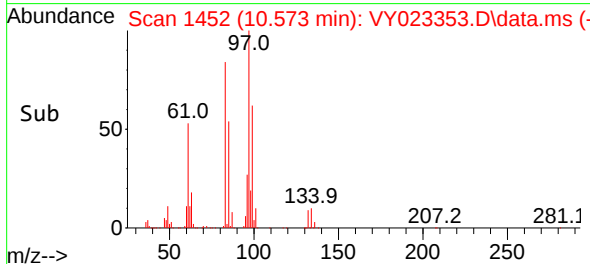
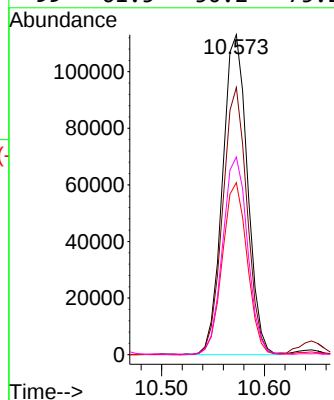
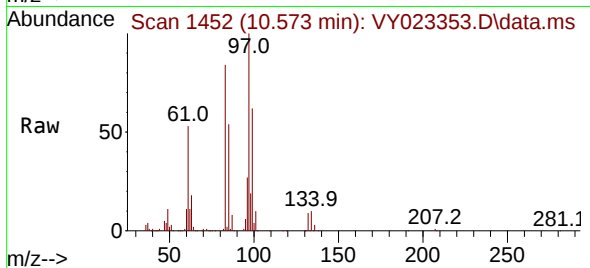




#55
1,1,2-Trichloroethane
Concen: 48.578 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

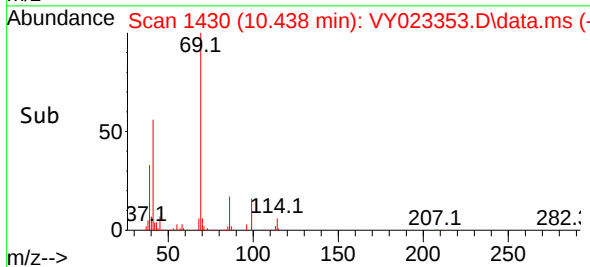
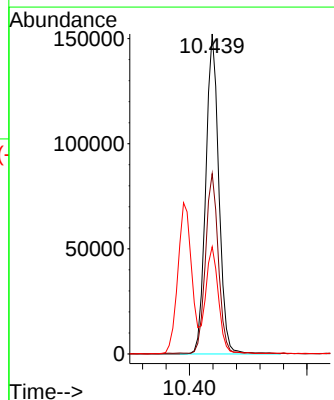
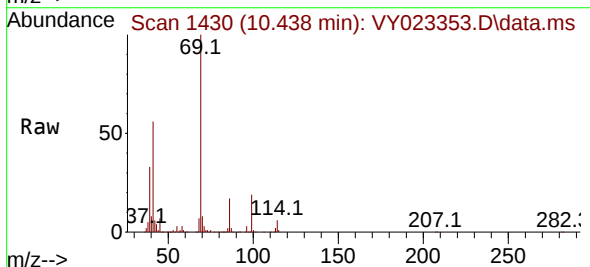
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

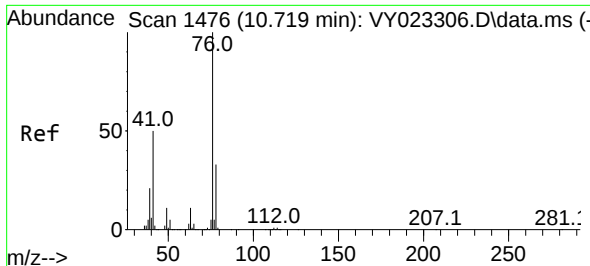
Tgt Ion:	97	Resp:	190188
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.7	101.5
85	53.7	44.5	66.7
99	61.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 51.887 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:	69	Resp:	235353
Ion	Ratio	Lower	Upper
69	100		
41	54.9	48.6	72.8
39	33.1	27.0	40.4





#57

1,3-Dichloropropane

Concen: 48.010 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

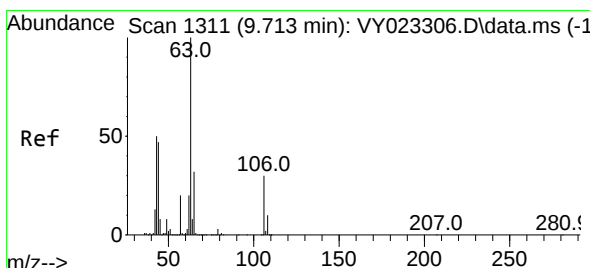
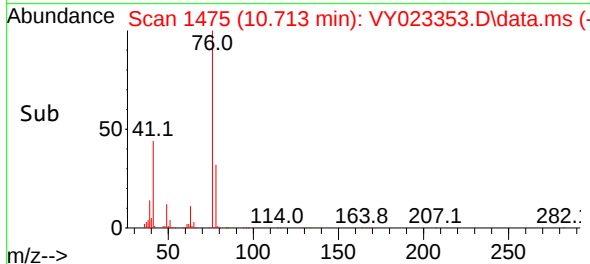
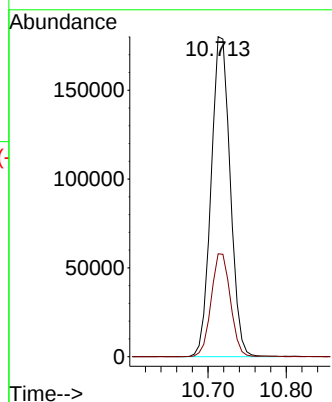
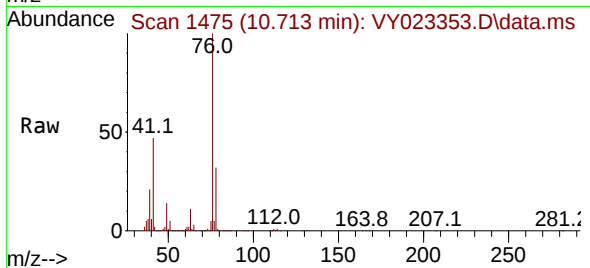
VSTDCCC050EC

Tgt Ion: 76 Resp: 305154

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 283.935 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023353.D

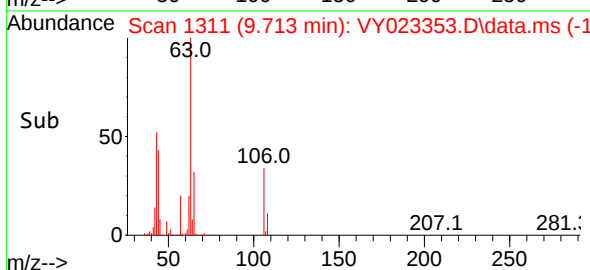
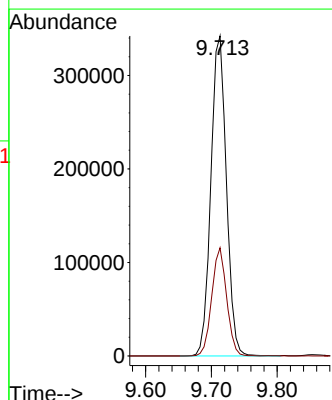
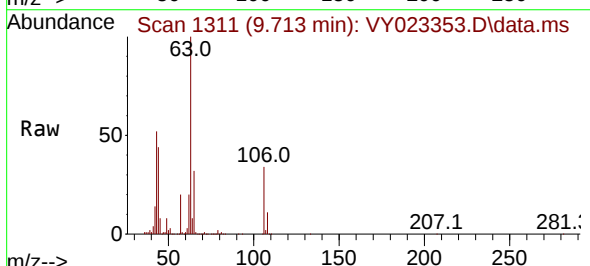
Acq: 11 Sep 2025 16:59

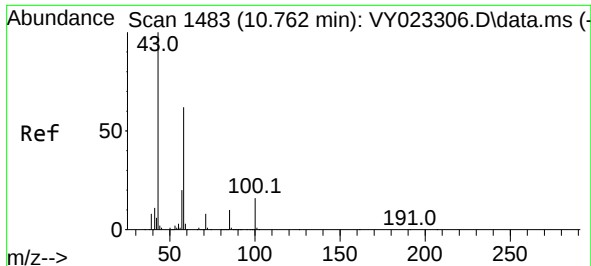
Tgt Ion: 63 Resp: 561324

Ion Ratio Lower Upper

63 100

106 32.5 23.2 34.8

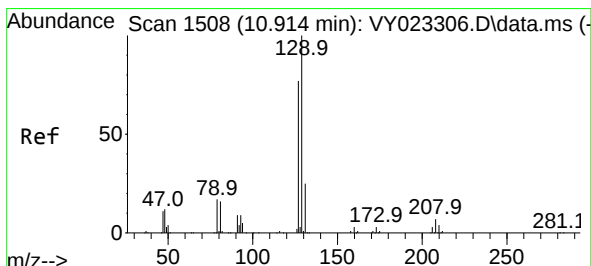
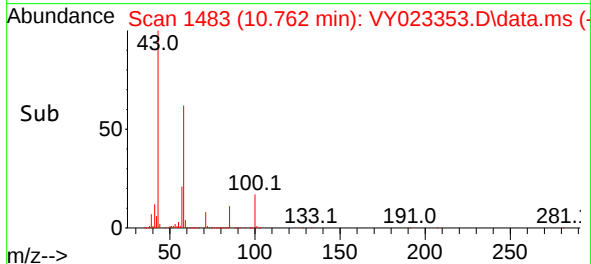
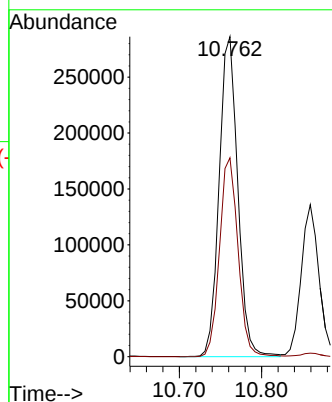
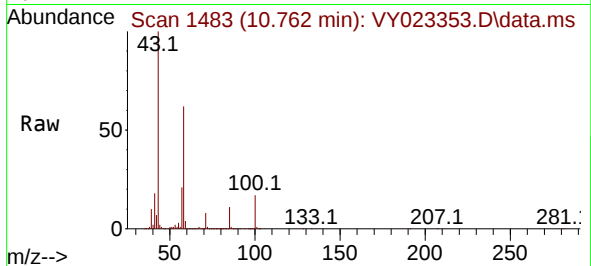




#59
2-Hexanone
Concen: 239.607 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

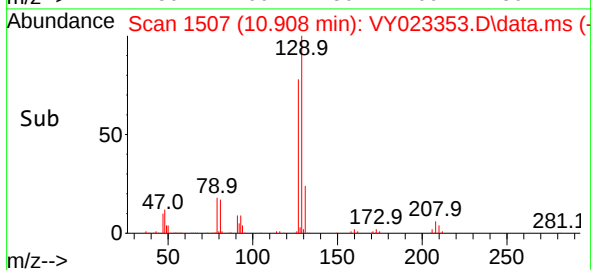
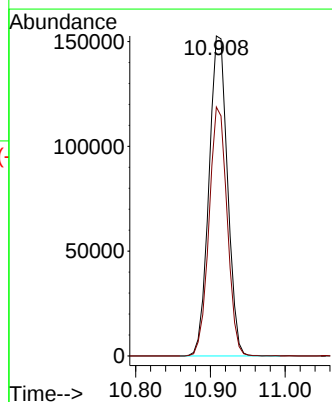
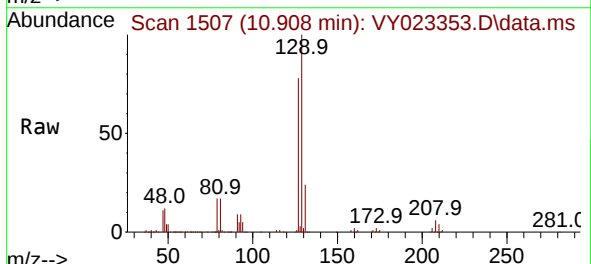
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

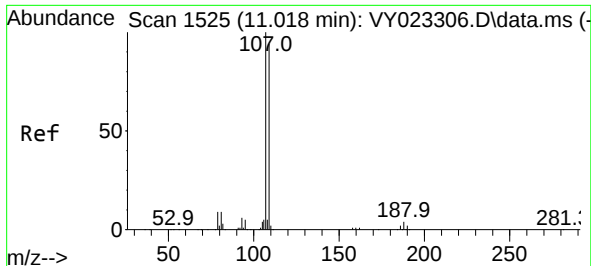
Tgt Ion: 43 Resp: 451400
Ion Ratio Lower Upper
43 100
58 61.8 29.5 88.5



#60
Dibromochloromethane
Concen: 49.471 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 129 Resp: 262795
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

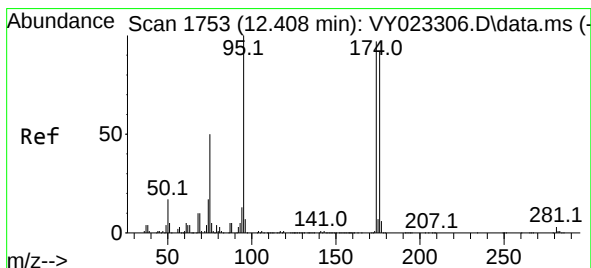
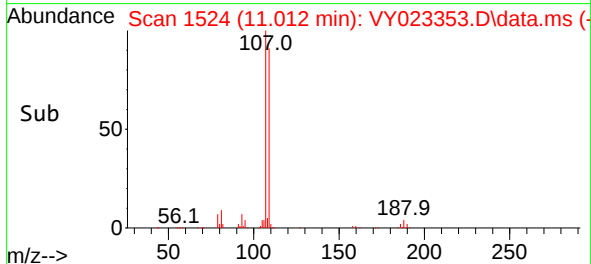
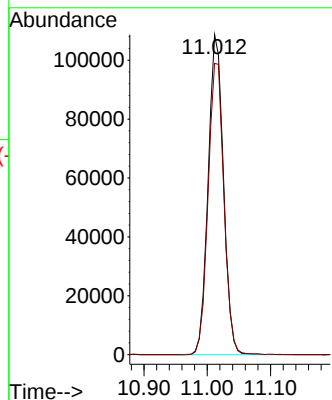
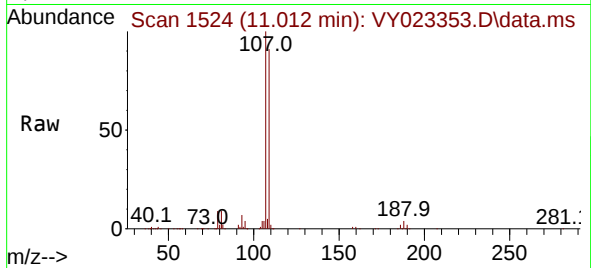




#61
1,2-Dibromoethane
Concen: 49.904 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

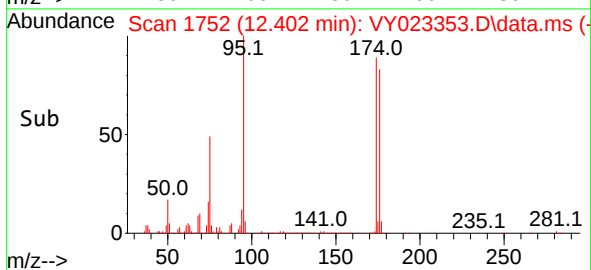
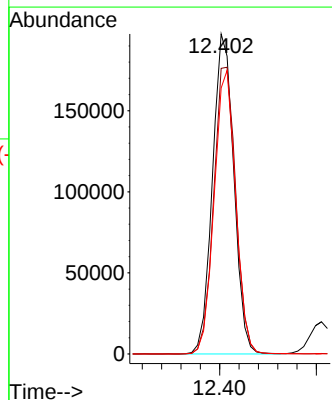
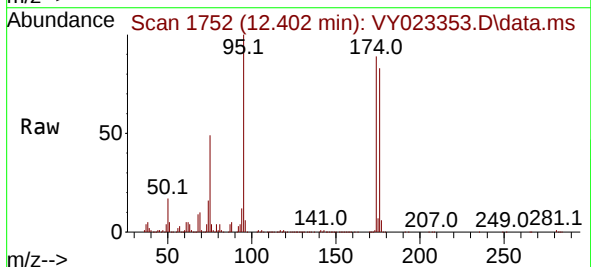
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

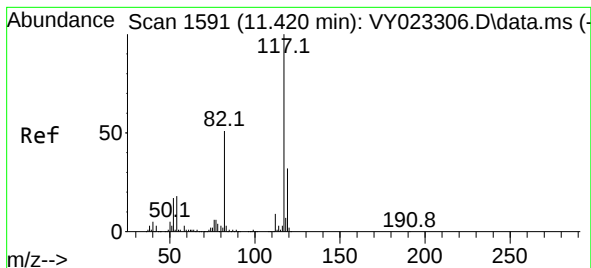
Tgt Ion:107 Resp: 183084
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.582 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 95 Resp: 302039
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 89.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

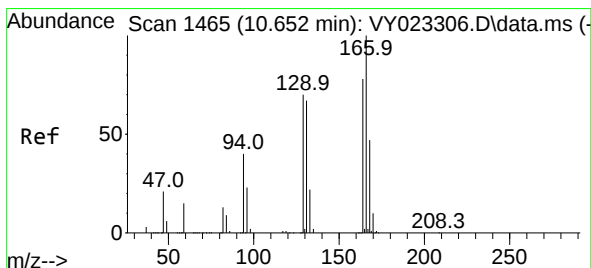
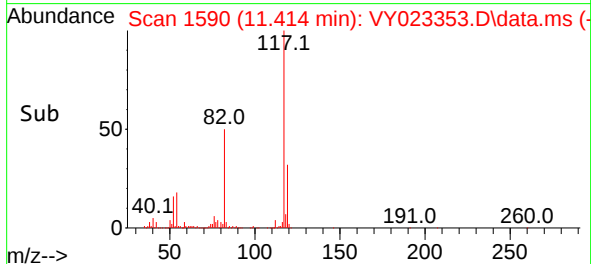
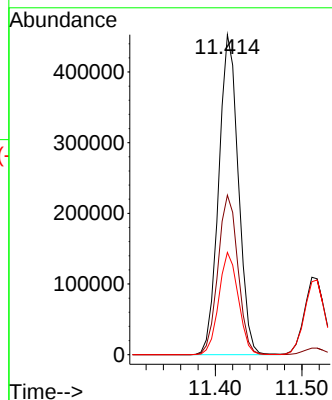
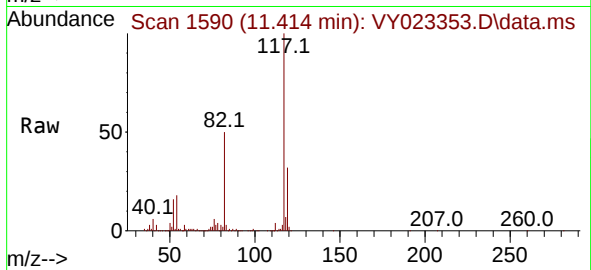
Tgt Ion:117 Resp: 712959

Ion Ratio Lower Upper

117 100

82 49.8 43.4 65.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 49.046 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Tgt Ion:164 Resp: 348509

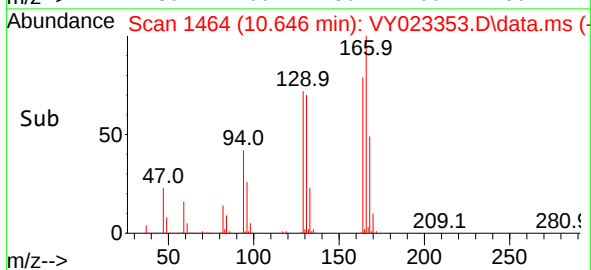
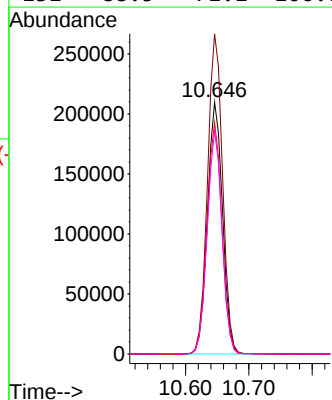
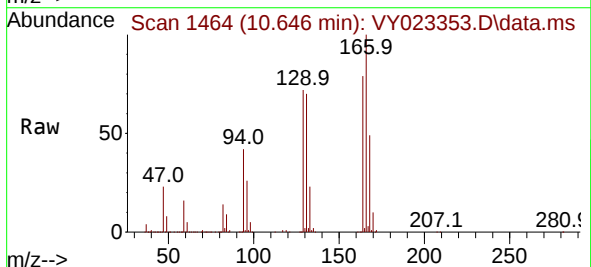
Ion Ratio Lower Upper

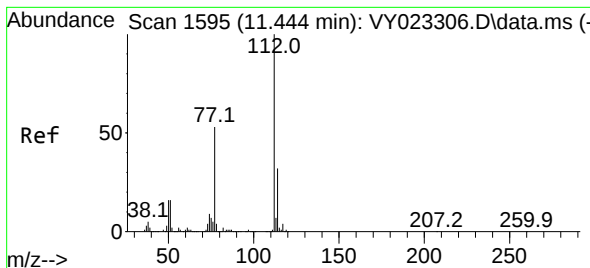
164 100

166 127.1 101.1 151.7

129 91.9 74.0 111.0

131 88.5 71.1 106.7





#65

Chlorobenzene

Concen: 47.214 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

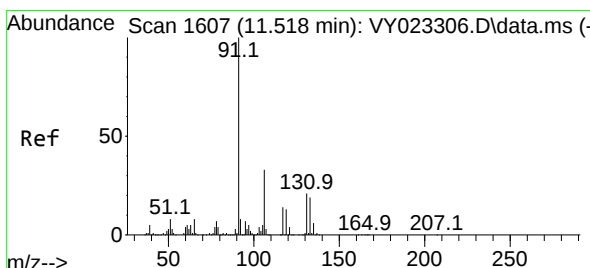
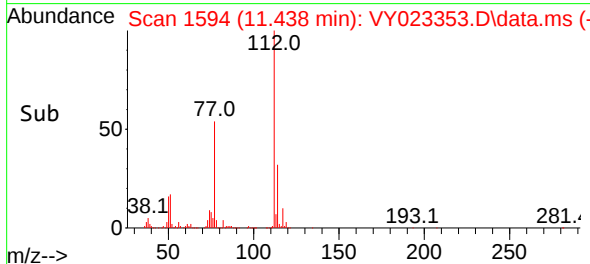
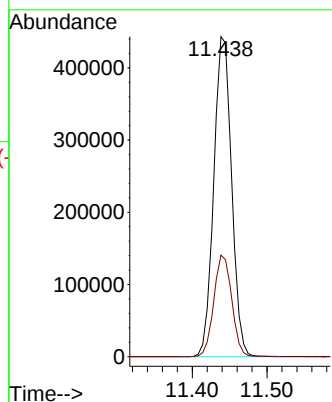
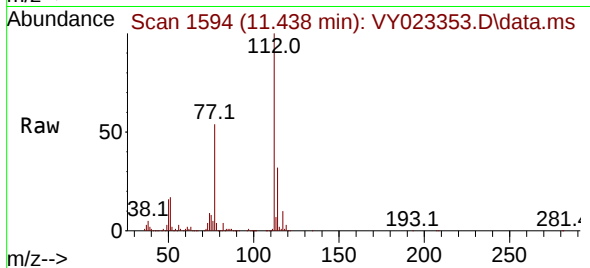
VSTDCCC050EC

Tgt Ion:112 Resp: 737434

Ion Ratio Lower Upper

112 100

114 31.8 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 47.227 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

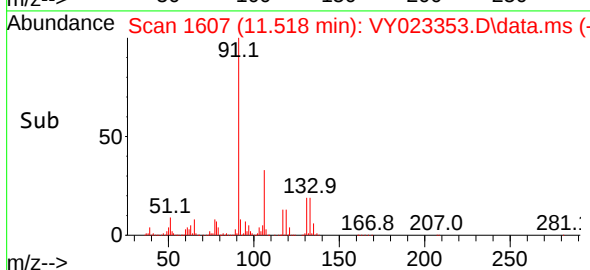
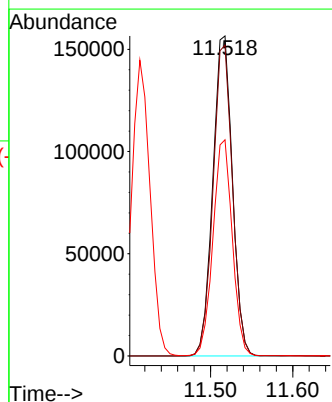
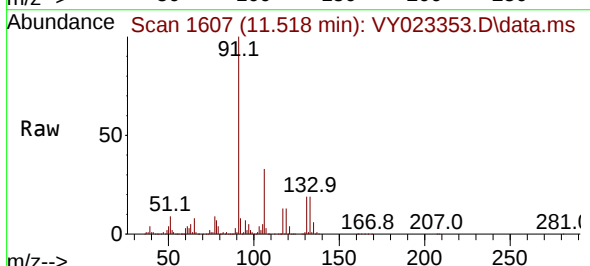
Tgt Ion:131 Resp: 258910

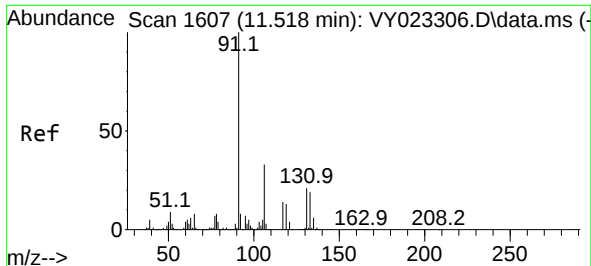
Ion Ratio Lower Upper

131 100

133 96.3 46.9 140.6

119 66.7 33.2 99.6





#67

Ethyl Benzene

Concen: 48.231 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

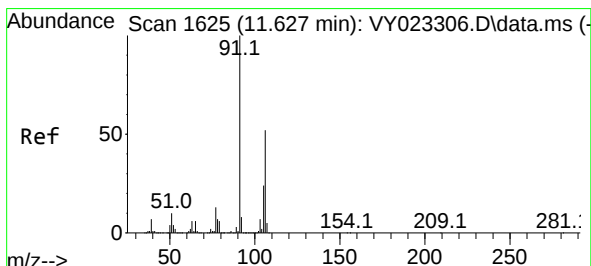
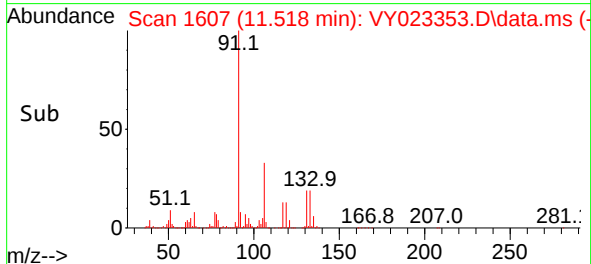
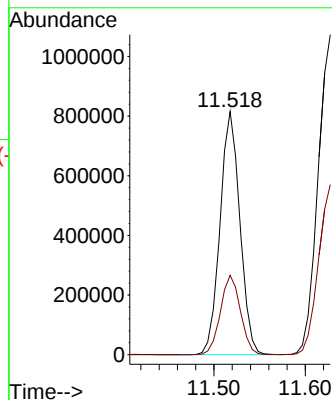
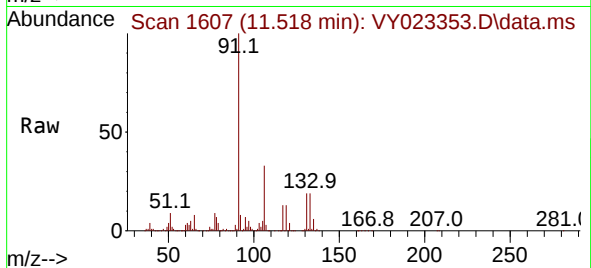
VSTDCCC050EC

Tgt Ion: 91 Resp: 1230711

Ion Ratio Lower Upper

91 100

106 32.6 25.0 37.4



#68

m/p-Xylenes

Concen: 97.616 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023353.D

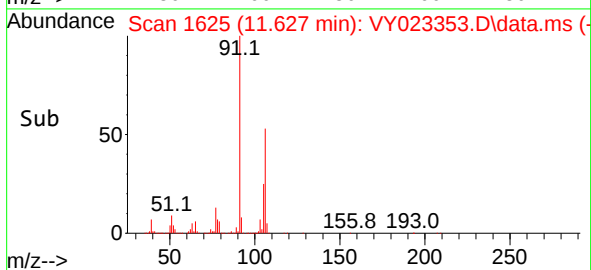
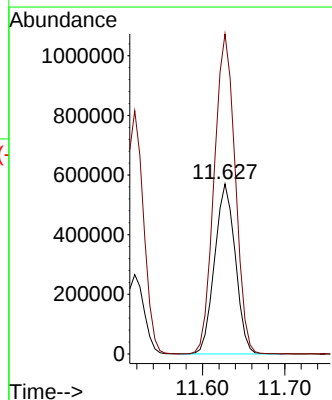
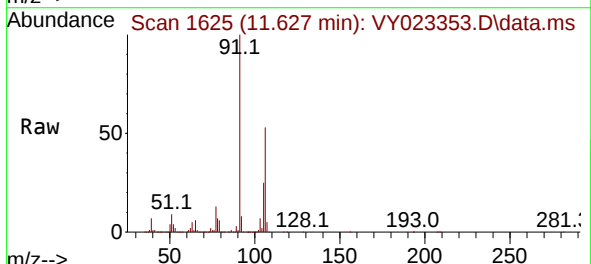
Acq: 11 Sep 2025 16:59

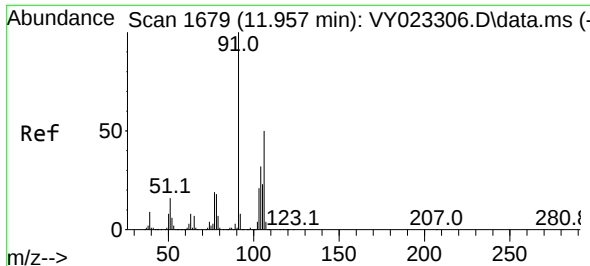
Tgt Ion:106 Resp: 997406

Ion Ratio Lower Upper

106 100

91 191.4 158.6 238.0

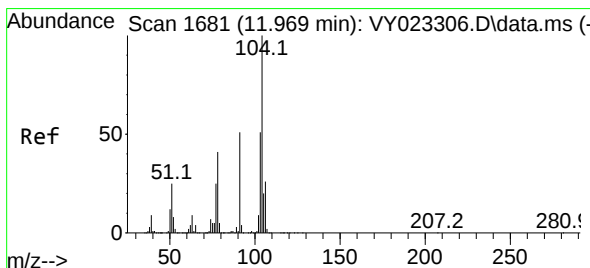
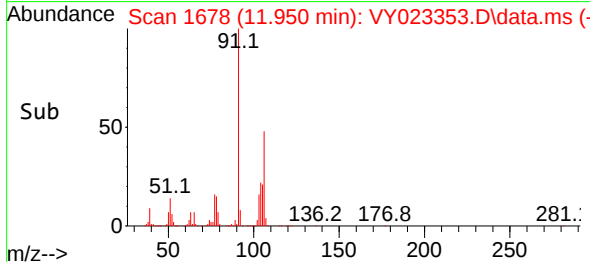
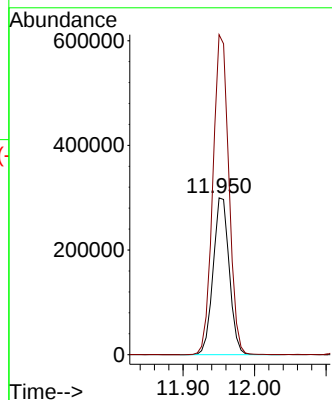
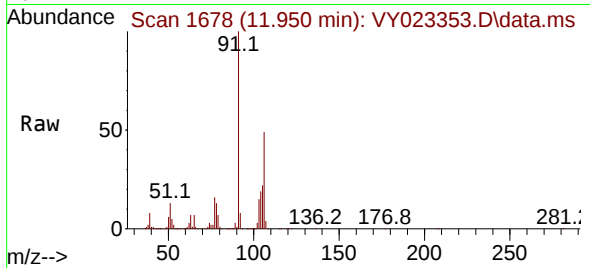




#69
o-Xylene
Concen: 49.493 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

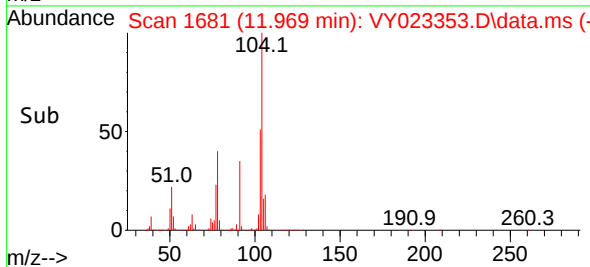
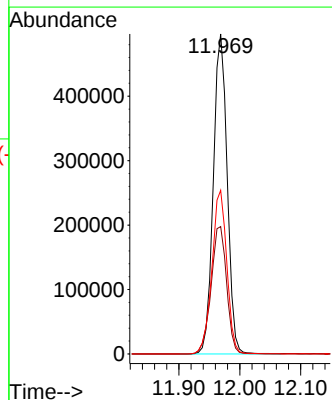
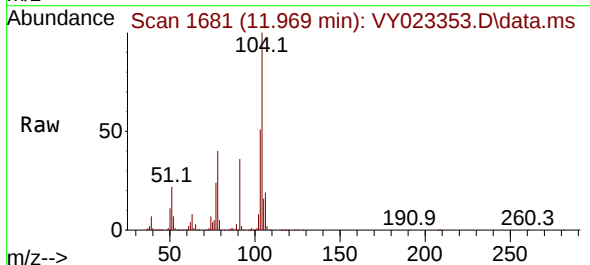
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

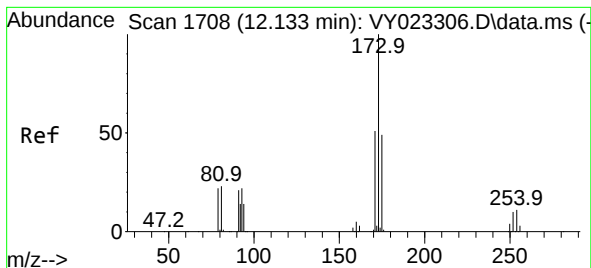
Tgt Ion:106 Resp: 468141
Ion Ratio Lower Upper
106 100
91 202.8 103.2 309.4



#70
Styrene
Concen: 50.051 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:104 Resp: 784608
Ion Ratio Lower Upper
104 100
78 44.7 38.5 57.7
103 54.8 43.7 65.5





#71

Bromoform

Concen: 48.597 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

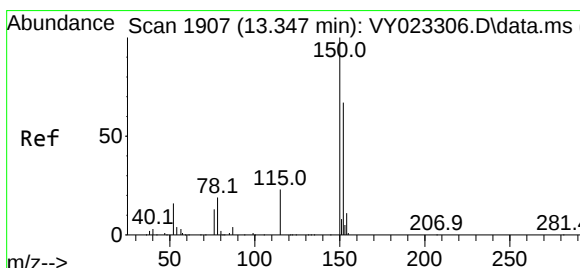
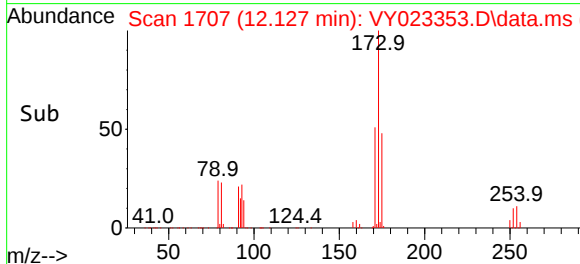
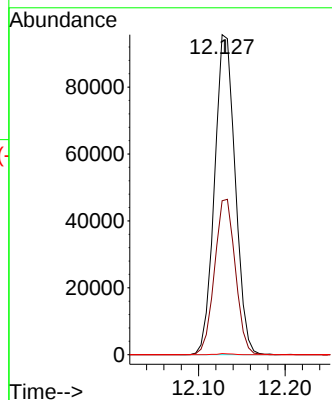
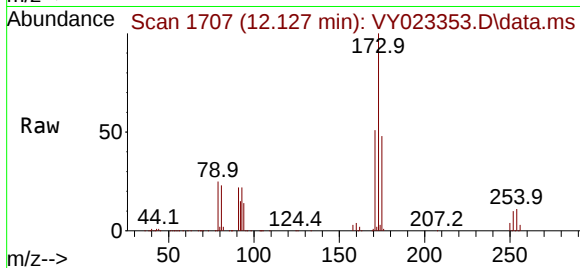
Tgt Ion:173 Resp: 158659

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

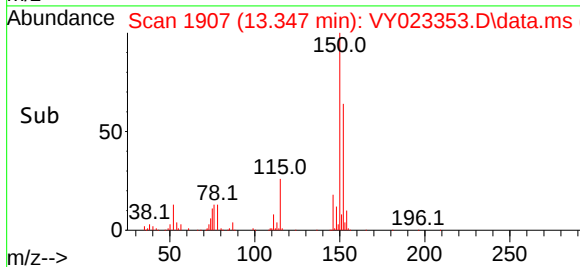
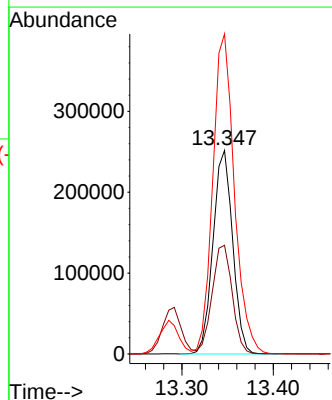
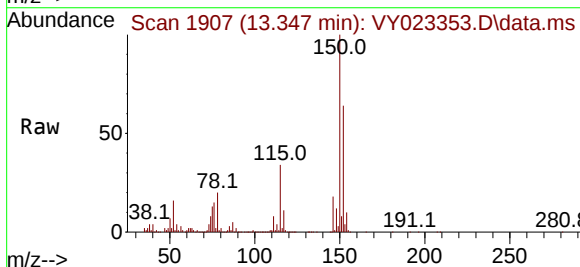
Tgt Ion:152 Resp: 375232

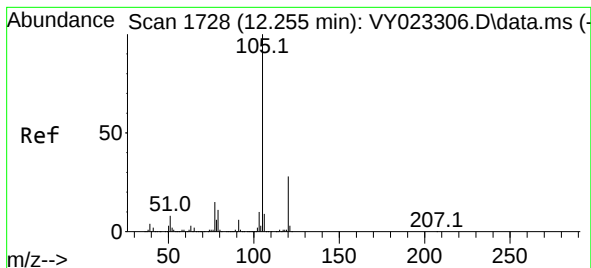
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.6

150 172.8 0.0 348.0





#73

Isopropylbenzene

Concen: 47.808 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

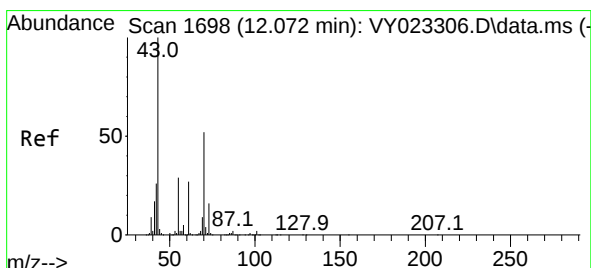
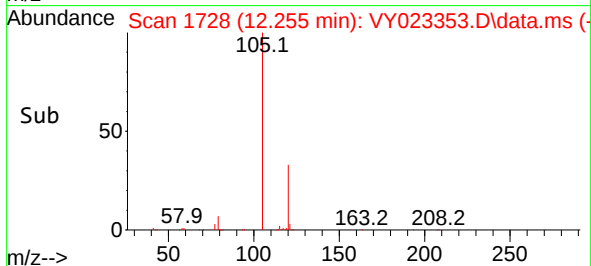
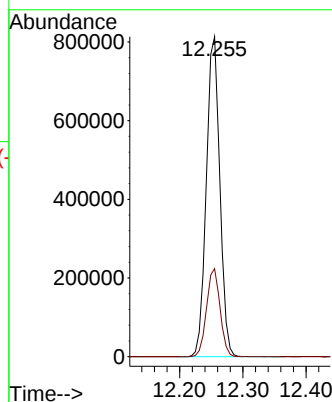
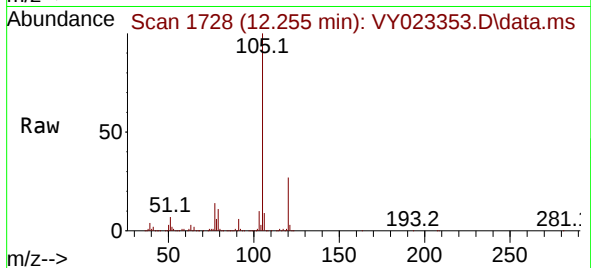
VSTDCCC050EC

Tgt Ion:105 Resp: 1208390

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 47.406 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Tgt Ion: 43 Resp: 226487

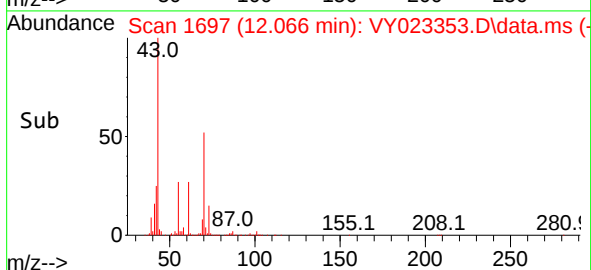
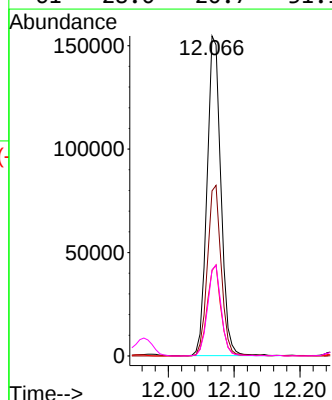
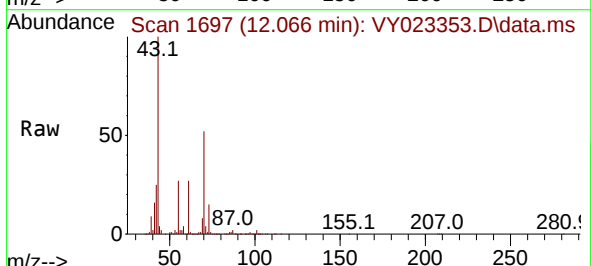
Ion Ratio Lower Upper

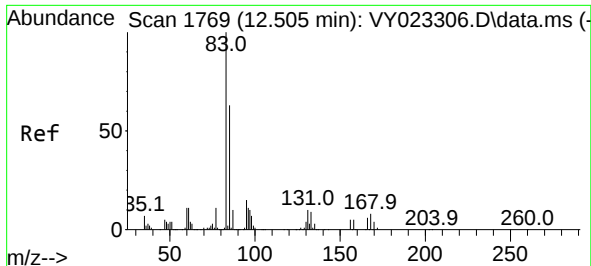
43 100

70 53.0 37.5 56.3

55 28.4 20.7 31.1

61 28.0 20.7 31.1

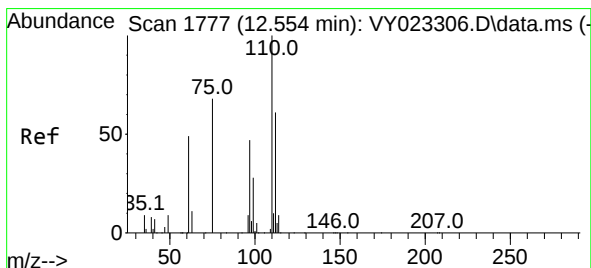
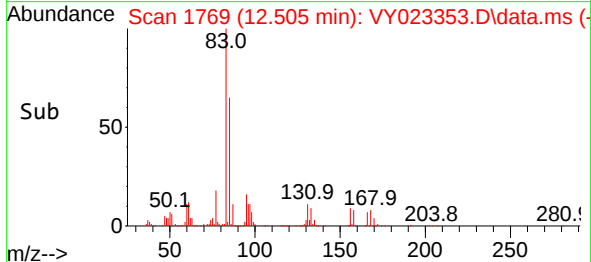
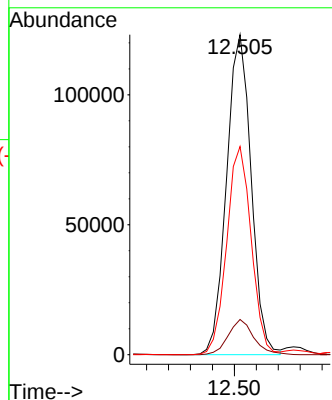
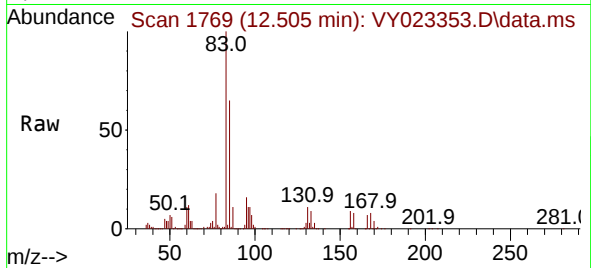




#75
1,1,2,2-Tetrachloroethane
Concen: 45.337 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

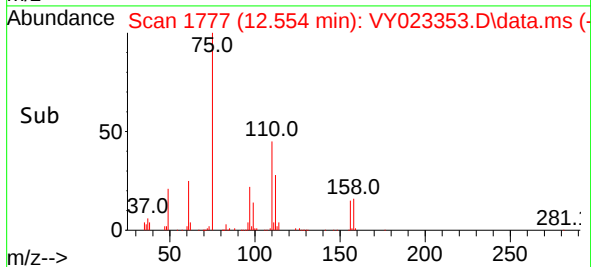
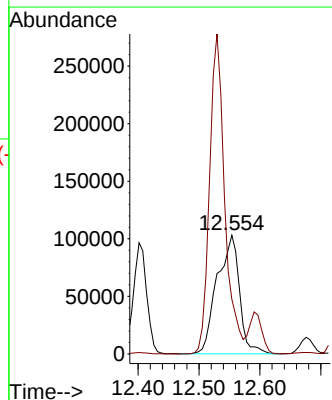
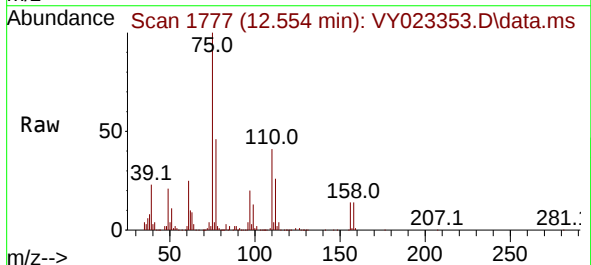
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

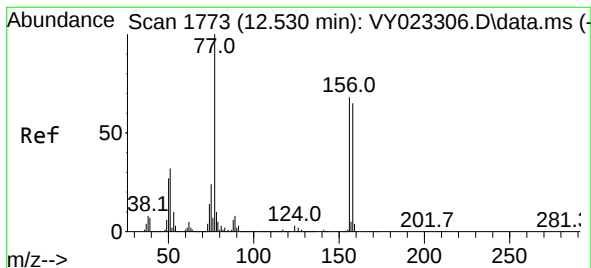
Tgt Ion: 83 Resp: 192320
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 64.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 69.299 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 75 Resp: 263330
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.614 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

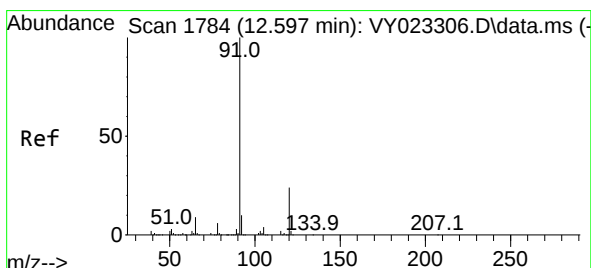
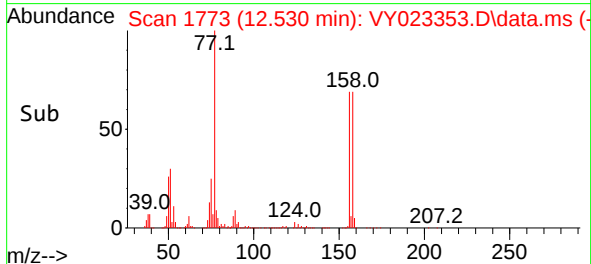
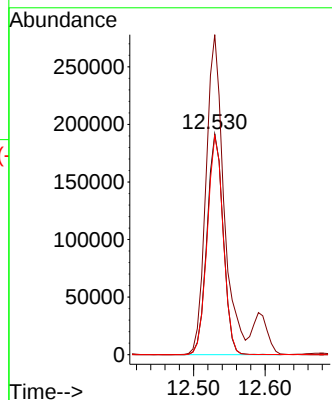
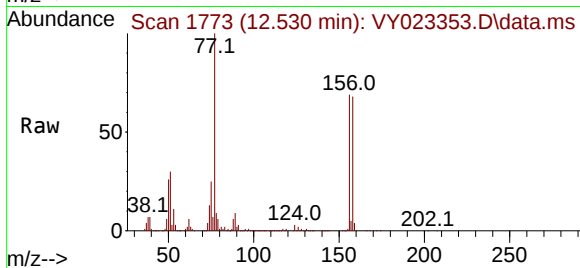
Tgt Ion:156 Resp: 301010

Ion Ratio Lower Upper

156 100

77 160.2 88.1 264.4

158 98.3 48.0 144.0



#78

n-propylbenzene

Concen: 47.450 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023353.D

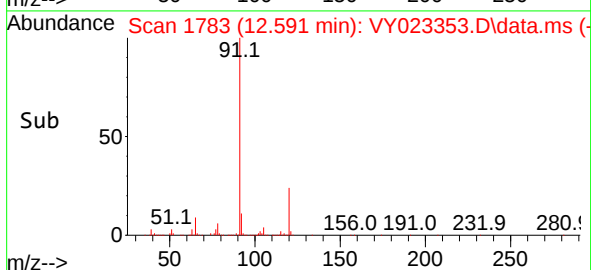
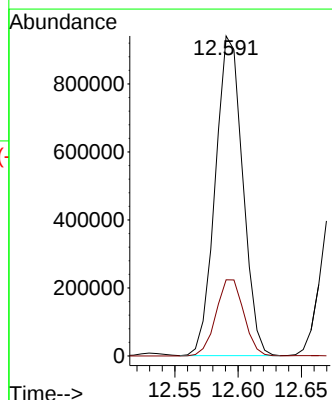
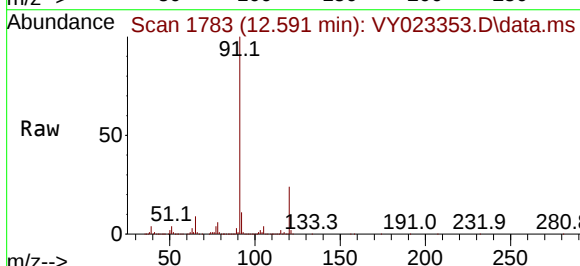
Acq: 11 Sep 2025 16:59

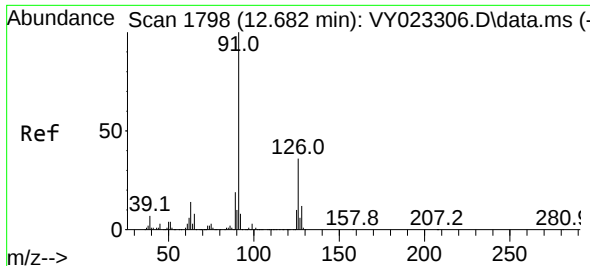
Tgt Ion: 91 Resp: 1413565

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5

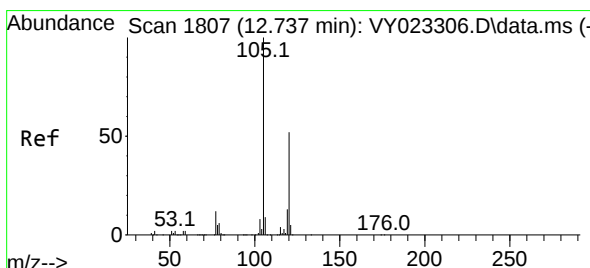
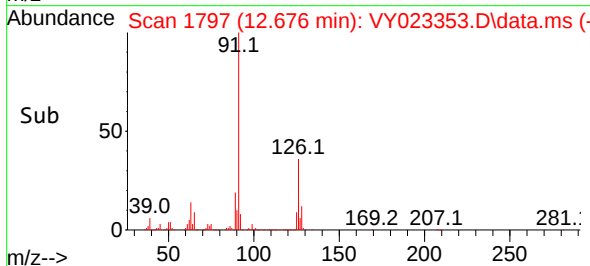
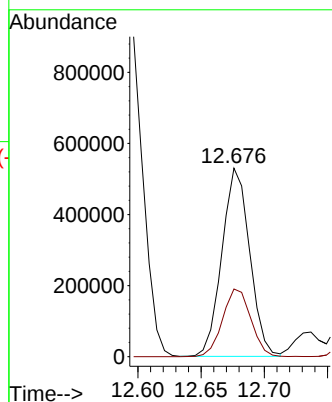
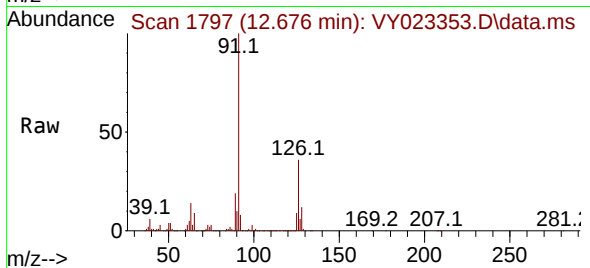




#79
2-Chlorotoluene
Concen: 47.228 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

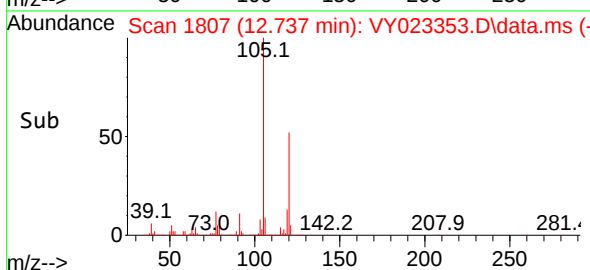
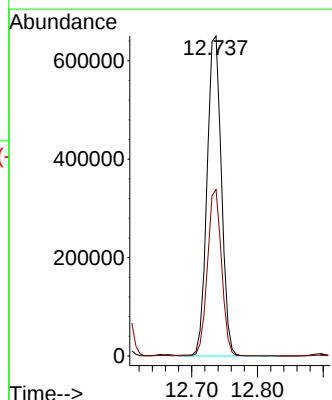
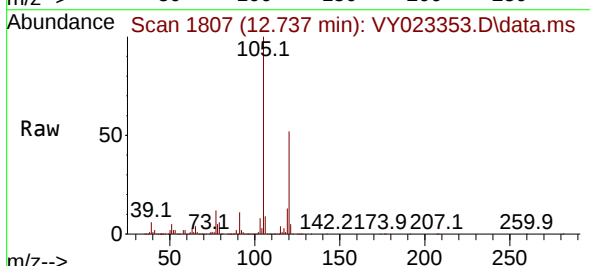
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

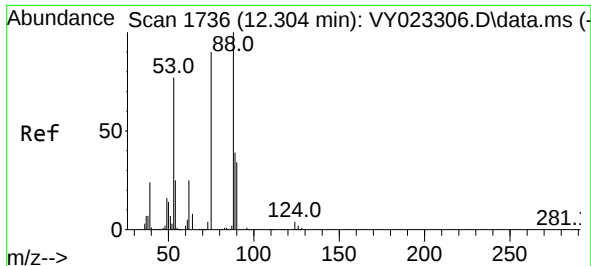
Tgt Ion: 91 Resp: 810359
Ion Ratio Lower Upper
91 100
126 36.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.036 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 105 Resp: 987479
Ion Ratio Lower Upper
105 100
120 51.0 24.8 74.4

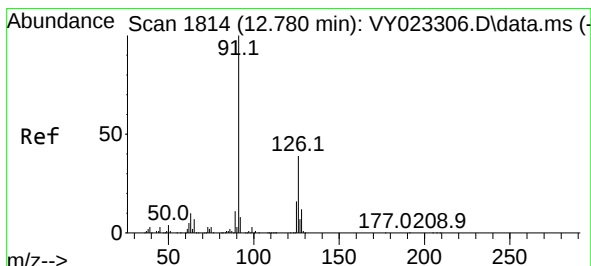
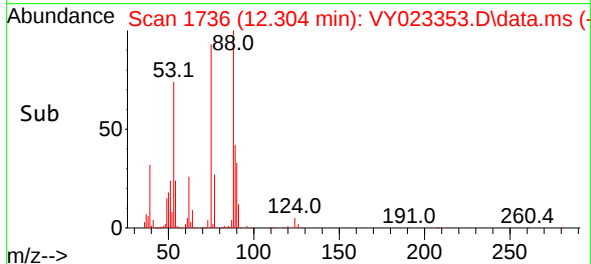
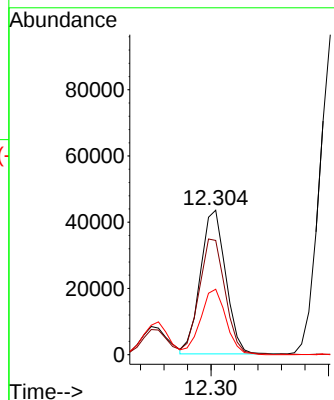
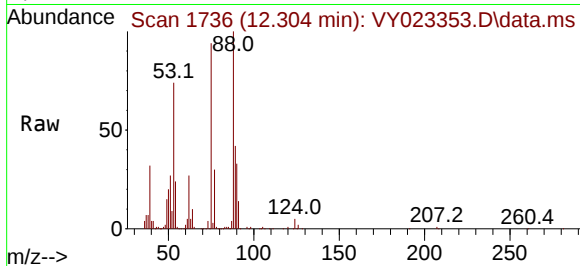




#81
trans-1,4-Dichloro-2-butene
Concen: 46.620 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

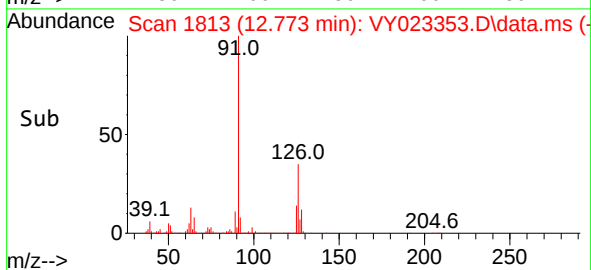
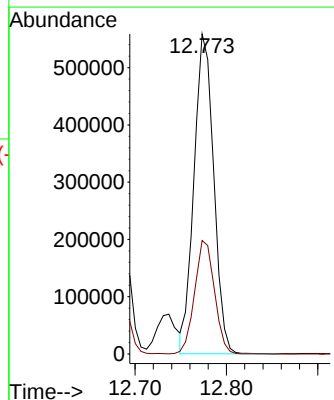
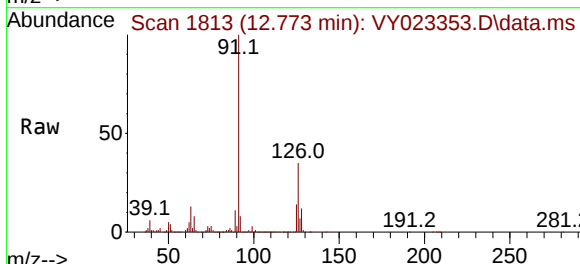
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

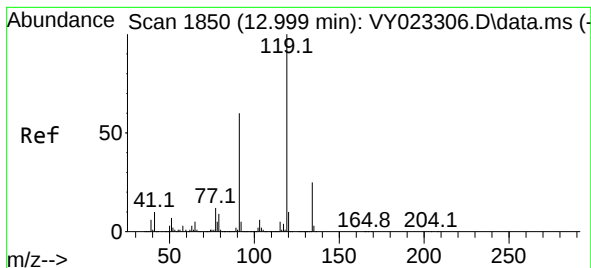
Tgt Ion: 75 Resp: 64960
Ion Ratio Lower Upper
75 100
53 83.0 70.8 106.2
89 46.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 46.536 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion: 91 Resp: 835491
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0

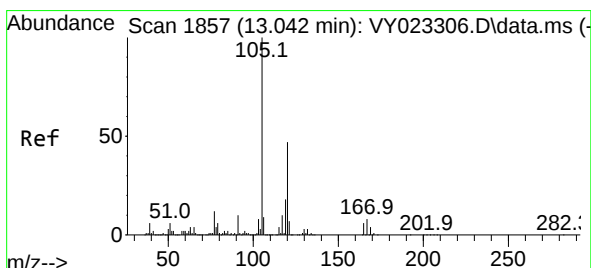
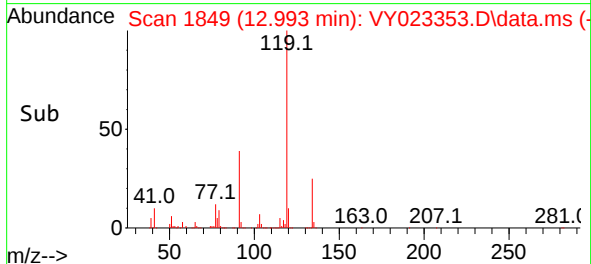
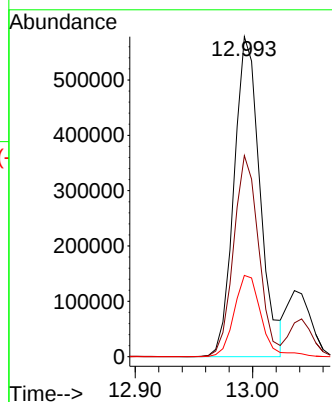
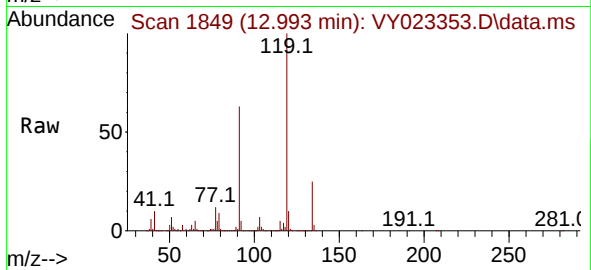




#83
tert-Butylbenzene
Concen: 47.730 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

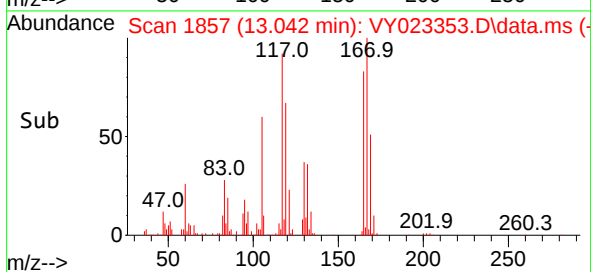
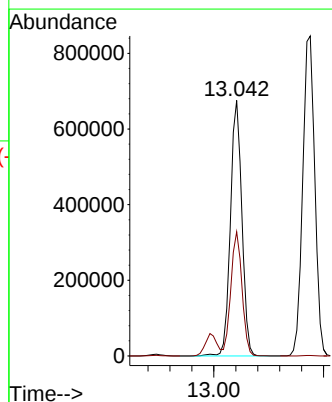
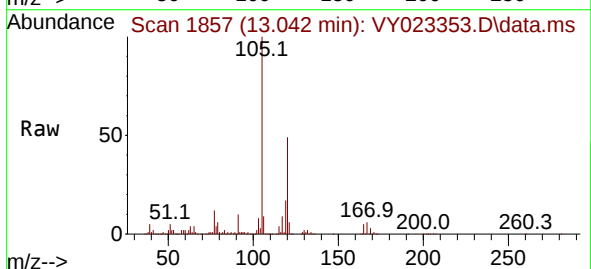
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

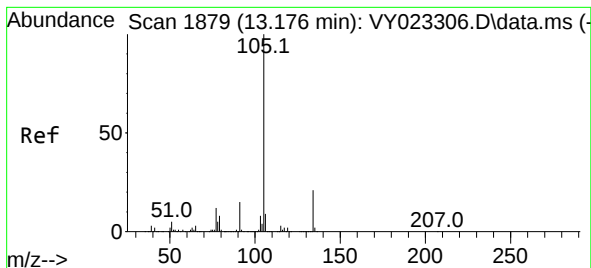
Tgt Ion:119 Resp: 888653
Ion Ratio Lower Upper
119 100
91 60.7 31.6 94.8
134 26.4 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 48.279 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:105 Resp: 981837
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.522 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

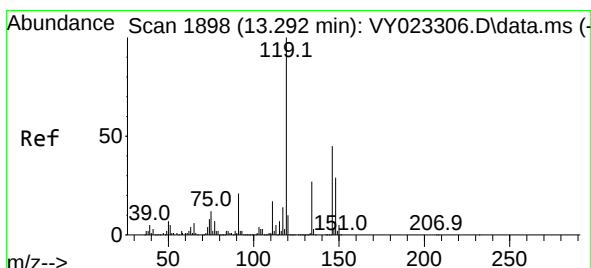
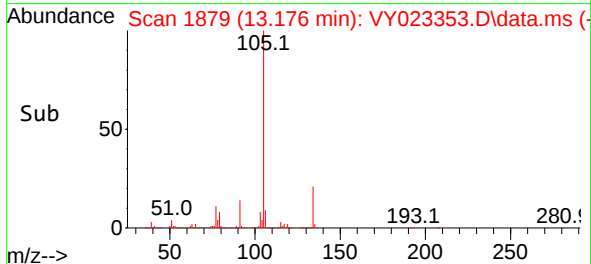
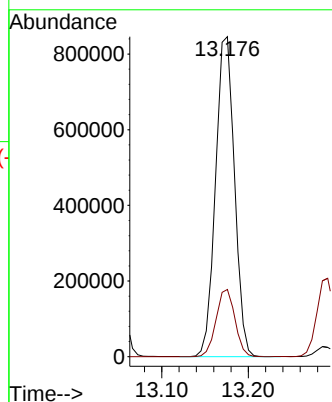
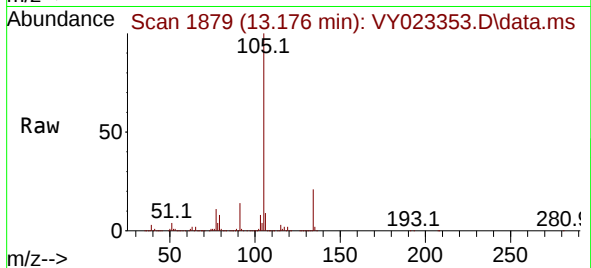
VSTDCCC050EC

Tgt Ion:105 Resp: 1287357

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.011 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

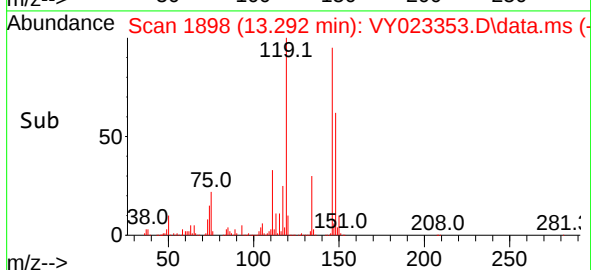
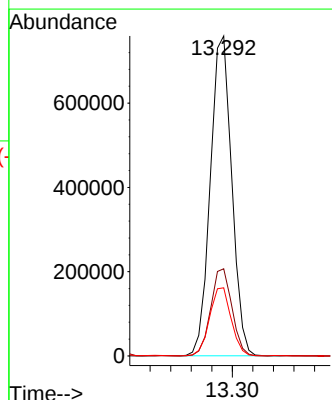
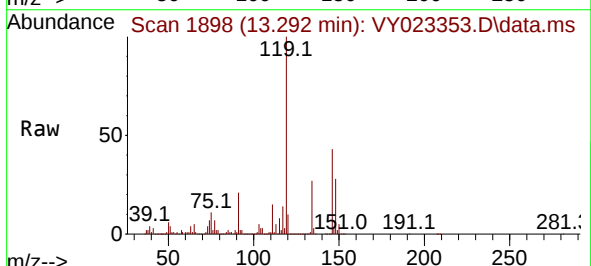
Tgt Ion:119 Resp: 1098629

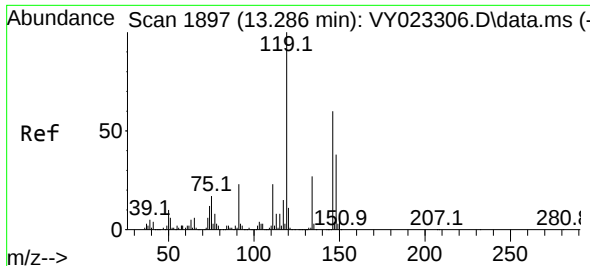
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 21.4 11.3 33.8

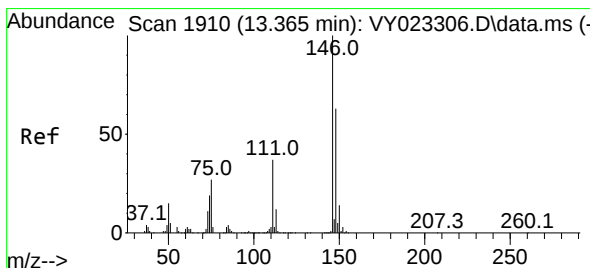
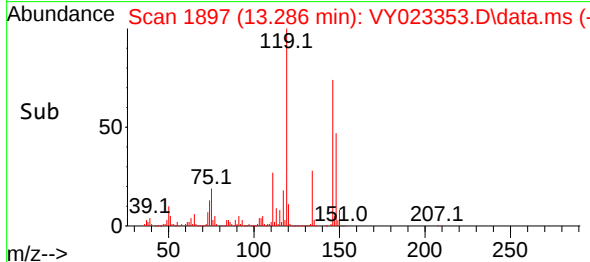
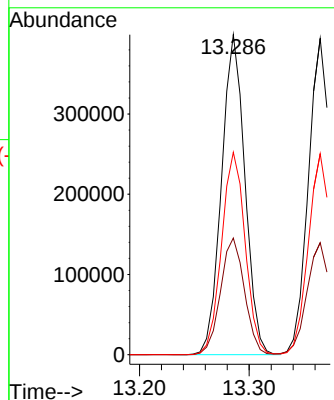
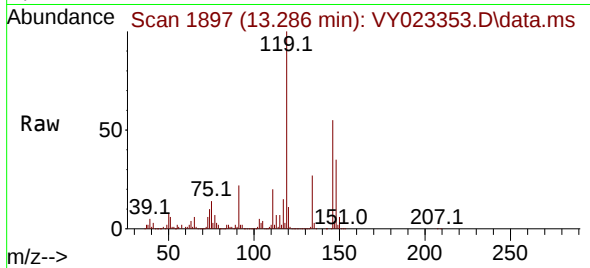




#87
1,3-Dichlorobenzene
Concen: 46.284 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

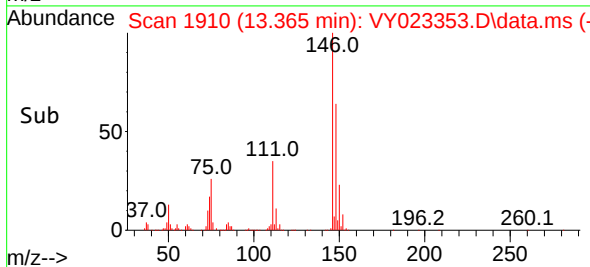
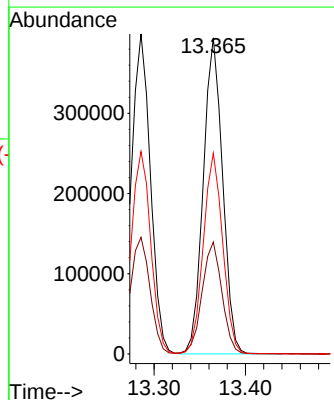
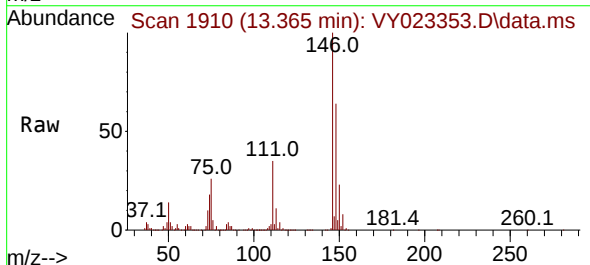
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

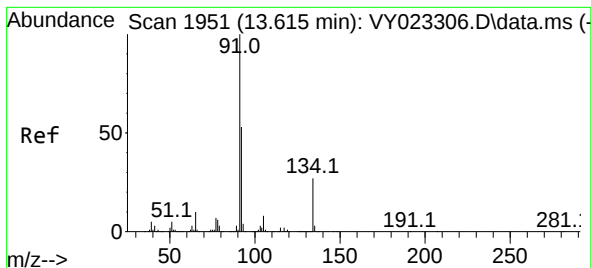
Tgt Ion:146 Resp: 591424
Ion Ratio Lower Upper
146 100
111 37.2 19.6 58.7
148 63.9 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 45.674 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:146 Resp: 578072
Ion Ratio Lower Upper
146 100
111 36.2 19.1 57.1
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 47.313 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

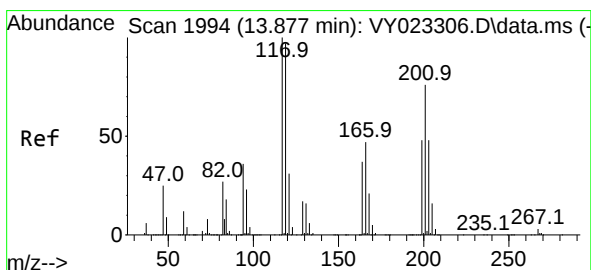
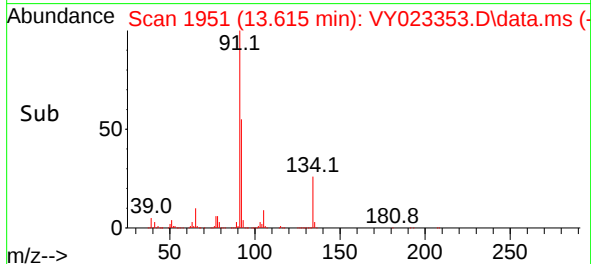
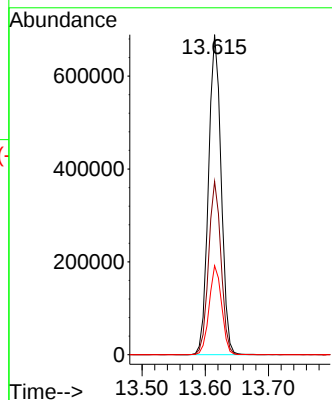
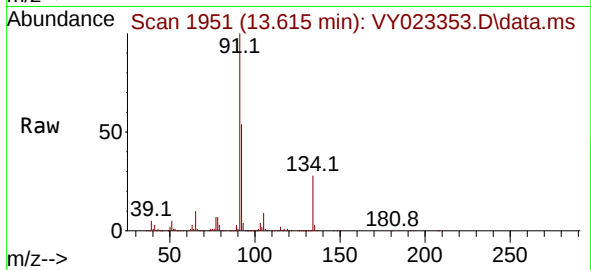
Tgt Ion: 91 Resp: 960164

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 27.5 13.2 39.5



#90

Hexachloroethane

Concen: 45.112 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023353.D

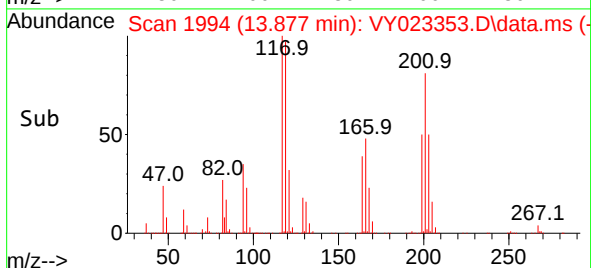
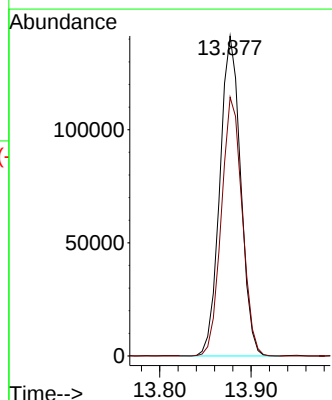
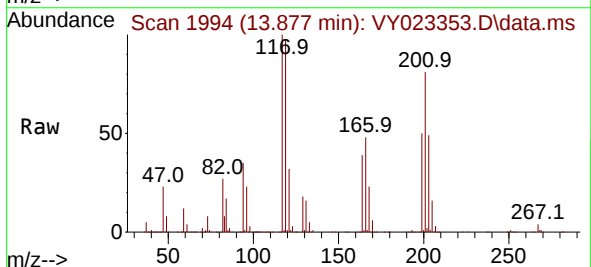
Acq: 11 Sep 2025 16:59

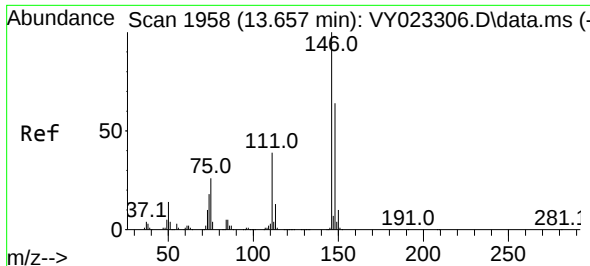
Tgt Ion: 117 Resp: 223797

Ion Ratio Lower Upper

117 100

201 80.9 38.4 115.1

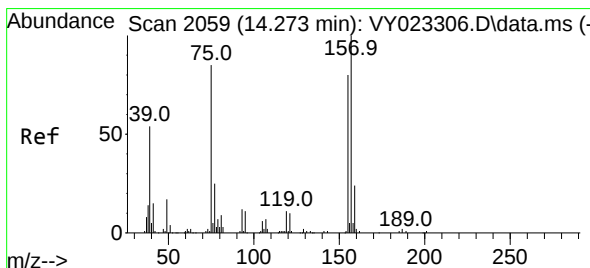
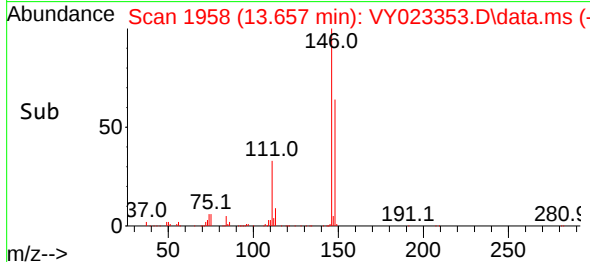
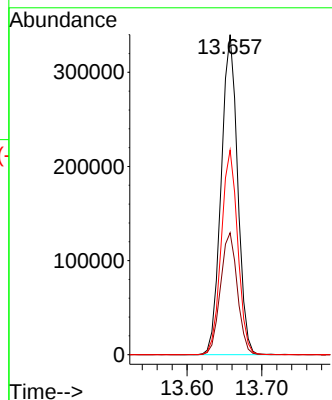
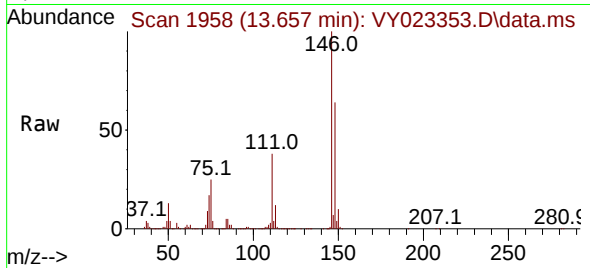




#91
 1,2-Dichlorobenzene
 Concen: 46.715 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023353.D
 Acq: 11 Sep 2025 16:59

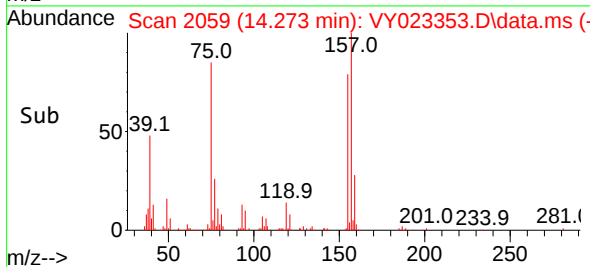
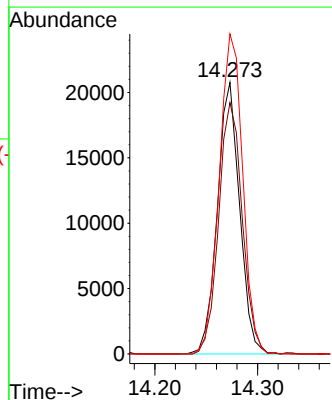
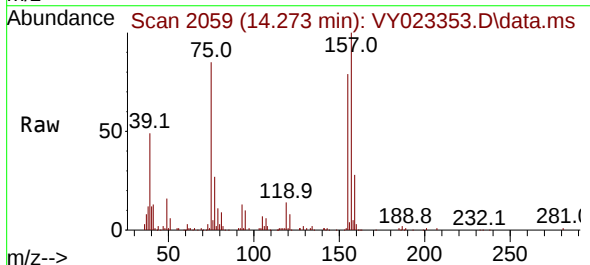
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

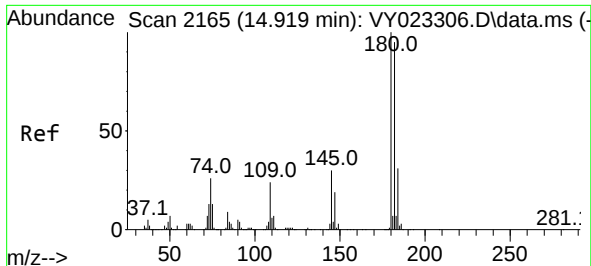
Tgt Ion:146 Resp: 520459
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 60.8
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.834 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023353.D
 Acq: 11 Sep 2025 16:59

Tgt Ion: 75 Resp: 31173
 Ion Ratio Lower Upper
 75 100
 155 98.1 43.9 131.6
 157 124.6 57.2 171.6

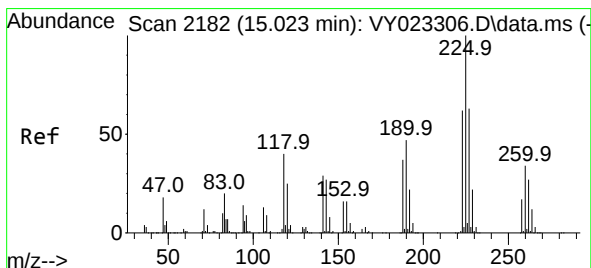
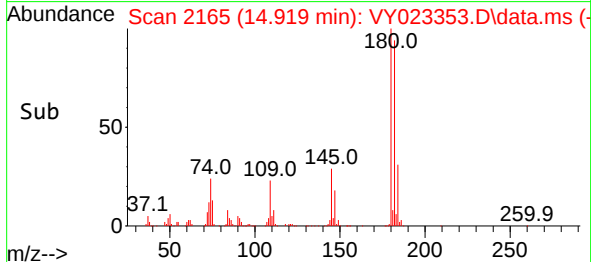
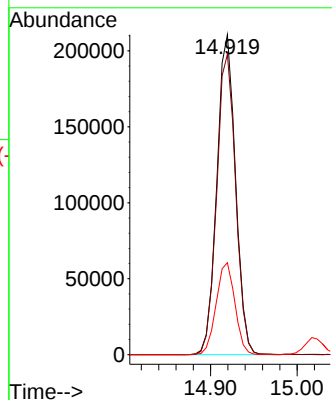
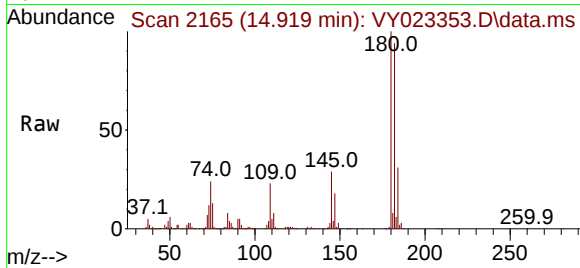




#93
1,2,4-Trichlorobenzene
Concen: 48.580 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

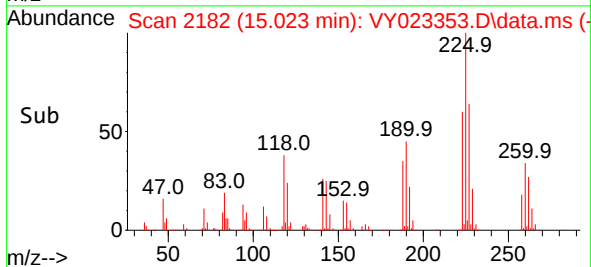
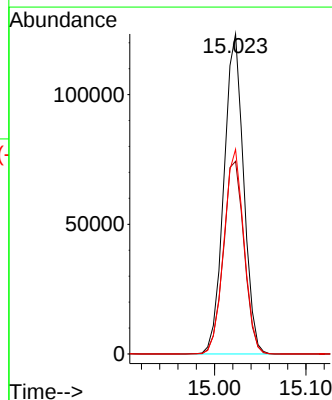
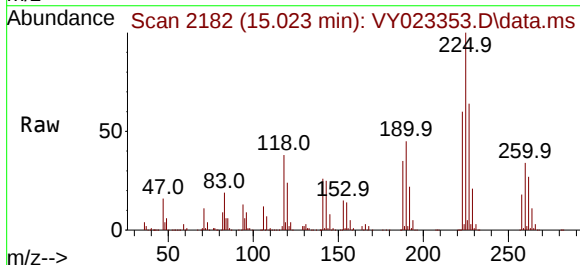
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

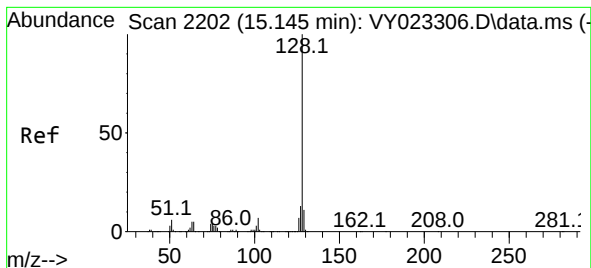
Tgt Ion:180 Resp: 315708
Ion Ratio Lower Upper
180 100
182 95.2 46.8 140.4
145 28.9 14.4 43.4



#94
Hexachlorobutadiene
Concen: 45.998 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023353.D
Acq: 11 Sep 2025 16:59

Tgt Ion:225 Resp: 184824
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.8
227 64.8 31.5 94.5





#95

Naphthalene

Concen: 52.310 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

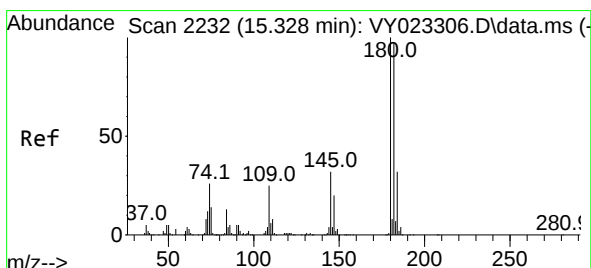
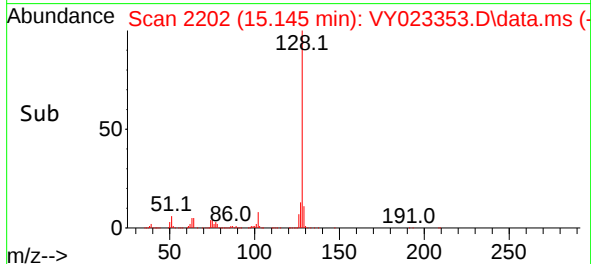
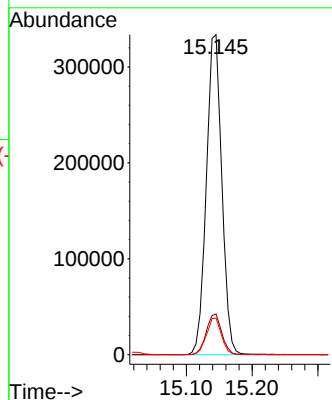
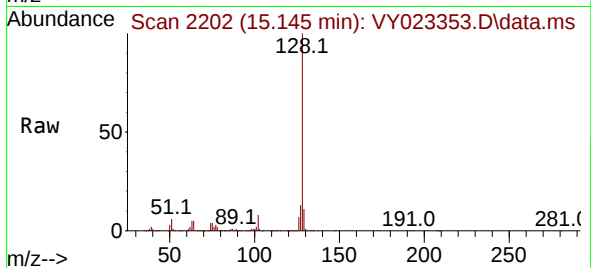
Tgt Ion:128 Resp: 546401

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 49.505 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023353.D

Acq: 11 Sep 2025 16:59

Tgt Ion:180 Resp: 279407

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 30.9 15.9 47.7

